

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033256.D
 Acq On : 20 Mar 2018 1:22
 Operator : SJ/JU
 Sample : J1953-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 03:41:26 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	34859	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	139415	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	110913	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	304609	20.00	ng	0.00
75) Chrysene-d12	22.59	240	311378	20.00	ng	0.00
86) Perylene-d12	26.39	264	316857	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	81828	44.02	ng	0.00
7) Phenol-d6	7.99	99	76338	23.90	ng	0.00
23) Nitrobenzene-d5	10.09	82	314307	103.58	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	176180	106.21	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	769527	100.16	ng	0.00
78) Terphenyl-d14	20.76	244	1351702	92.84	ng	0.00

Target Compounds

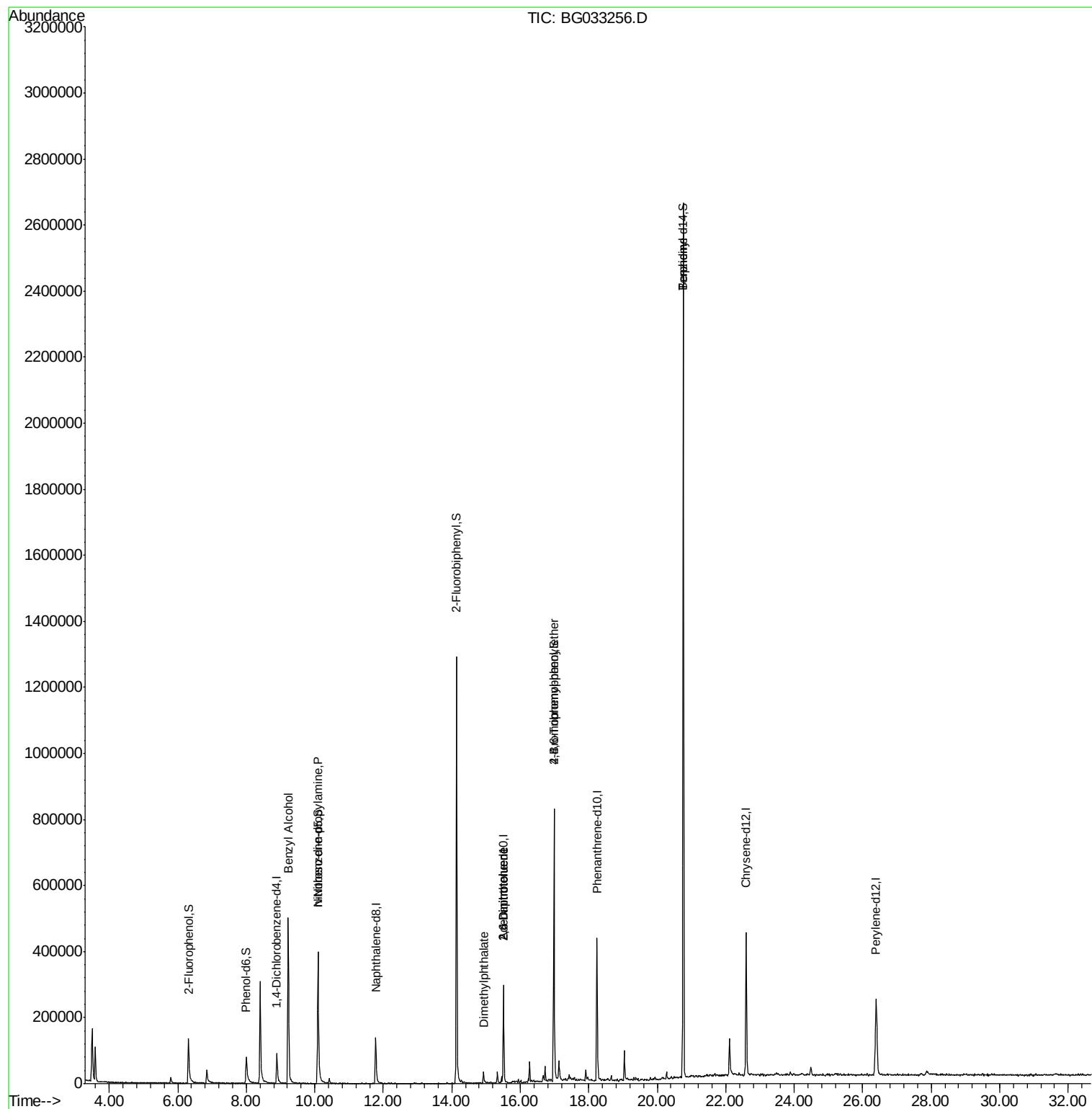
						Qvalue
15) Benzyl Alcohol	9.22	79	5368	2.134	ng	# 43
19) n-Nitroso-di-n-propylamine	10.09	70	43757	18.695	ng	# 82
49) Dimethylphthalate	14.93	163	21216	2.198	ng	# 96
50) 2,6-Dinitrotoluene	15.51	165	13749	6.966	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	13749	4.731	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	12011	3.358	ng	# 1
76) Benizidine	20.76	184	21724	2.573	ng	# 94

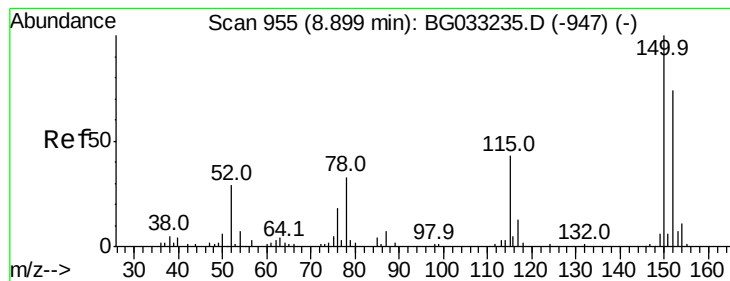
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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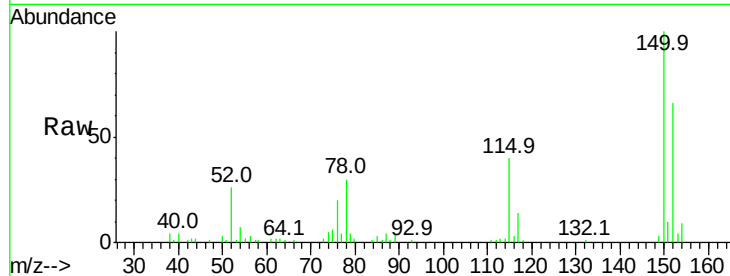


#1

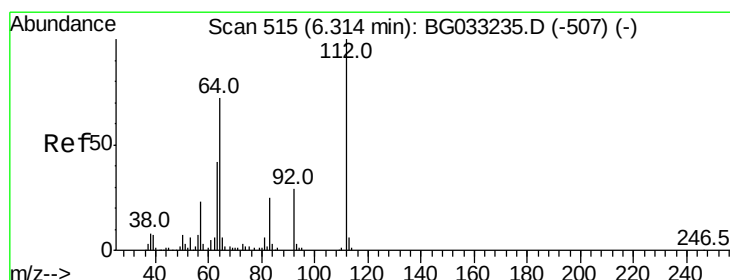
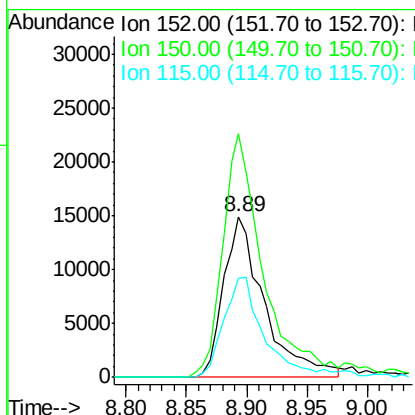
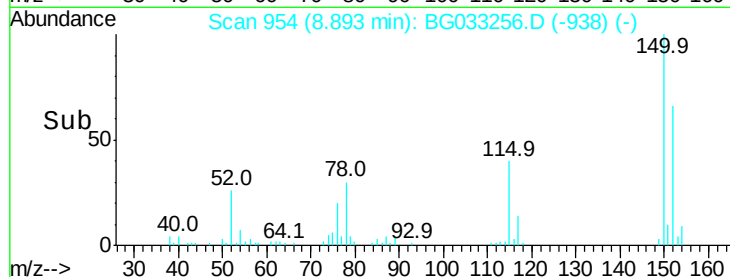
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34859
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 61.2 53.0 79.4



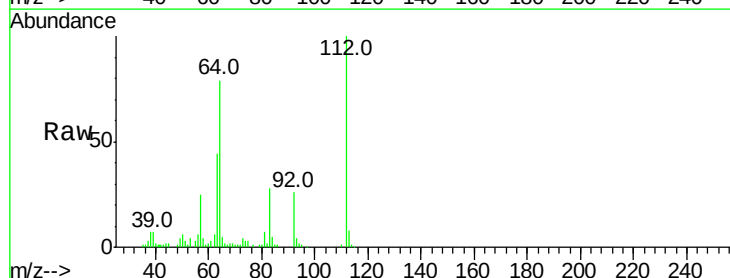
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



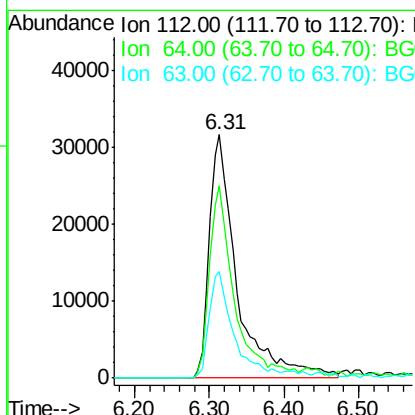
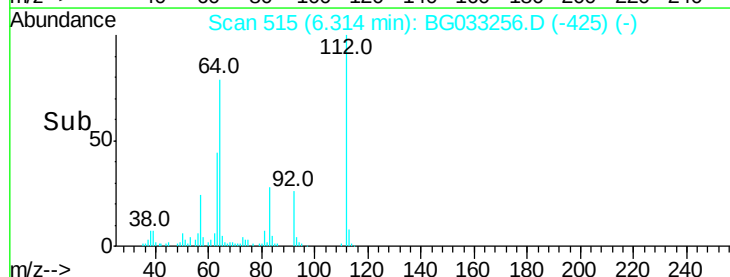
#5

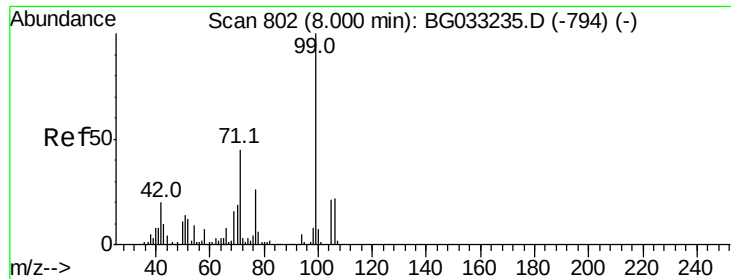
2-Fluorophenol
Concen: 44.017 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Tgt Ion:112 Resp: 81828
Ion Ratio Lower Upper
112 100
64 79.1 56.3 84.5
63 44.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 23.899 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

Instrument :

BNA_G

ClientSampleId :

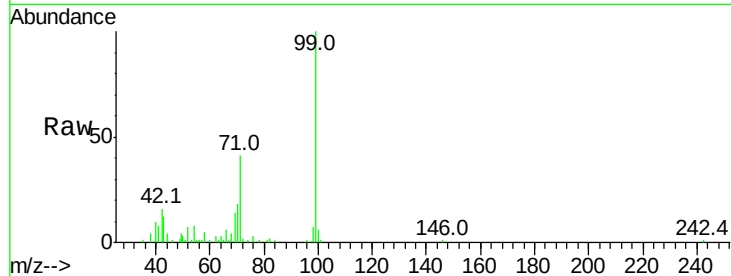
Tot Ion: 99 Resp: 76338

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

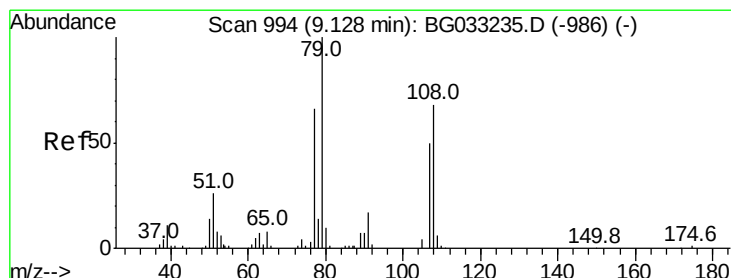
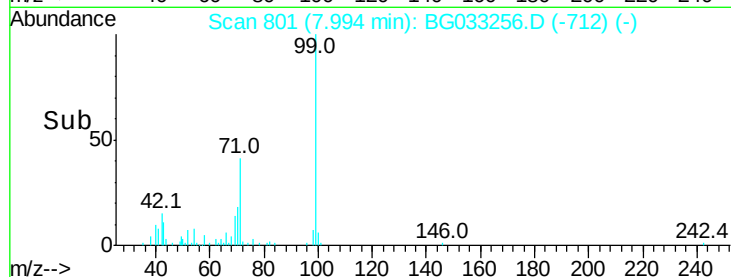
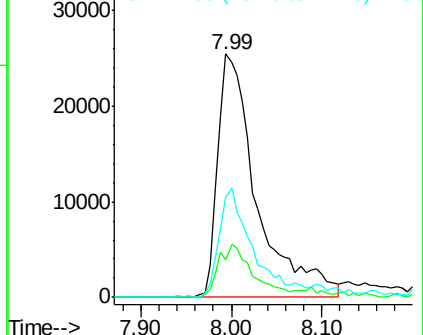
71 41.4 26.1 39.1#



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: 2.134 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.09 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

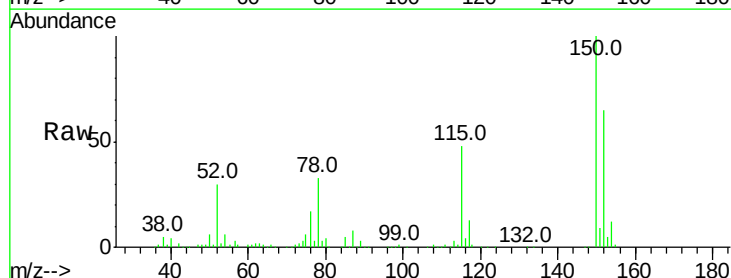
Tgt Ion: 79 Resp: 5368

Ion Ratio Lower Upper

79 100

108 38.5 57.2 85.8#

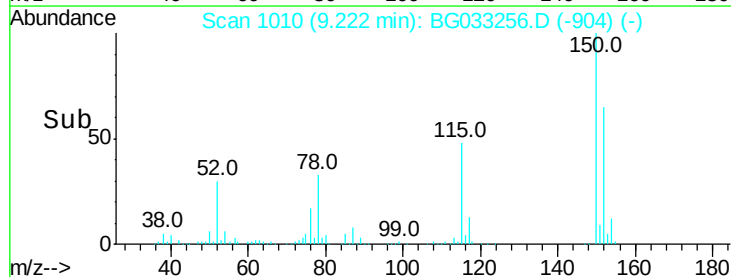
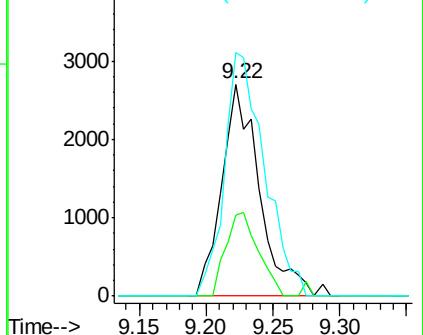
77 115.1 46.1 69.1#

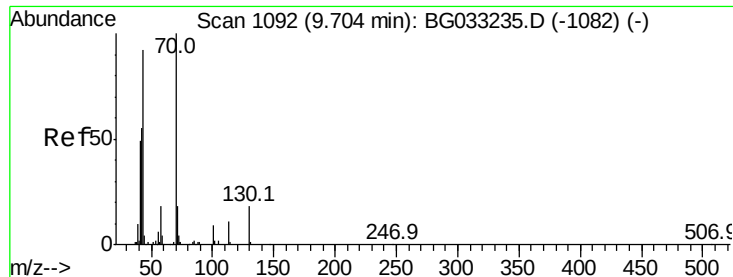


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 18.695 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

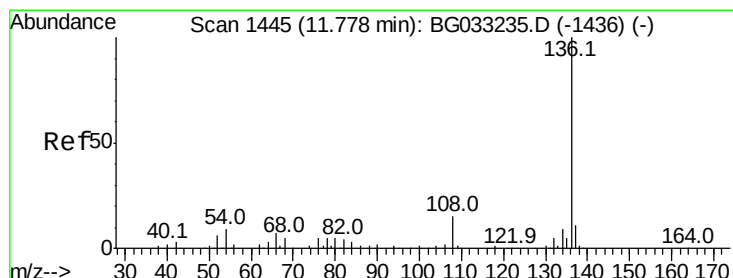
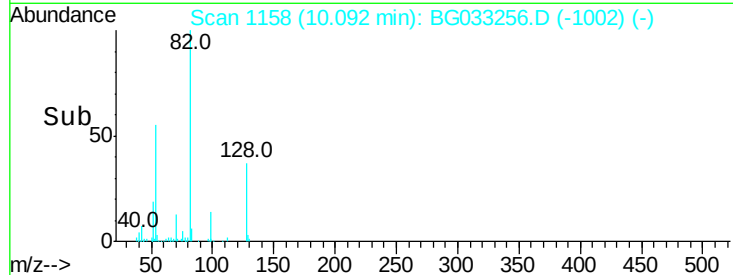
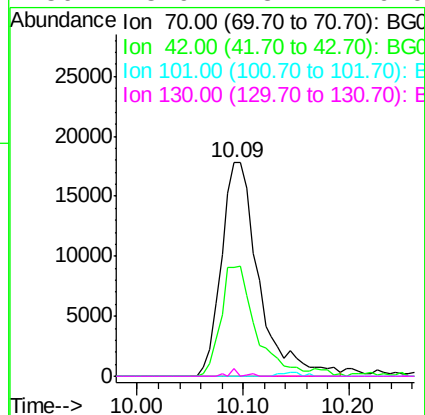
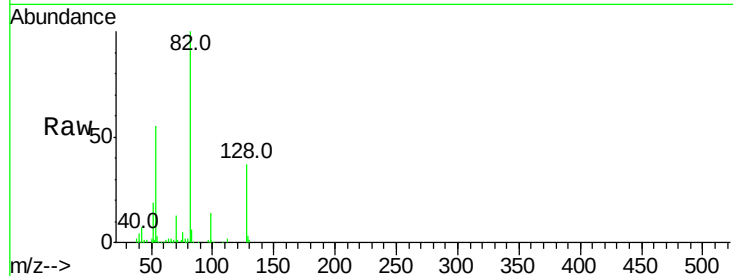
Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 43757

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.1	73.7
101	0.0	8.5	12.7#
130	3.9	13.4	20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

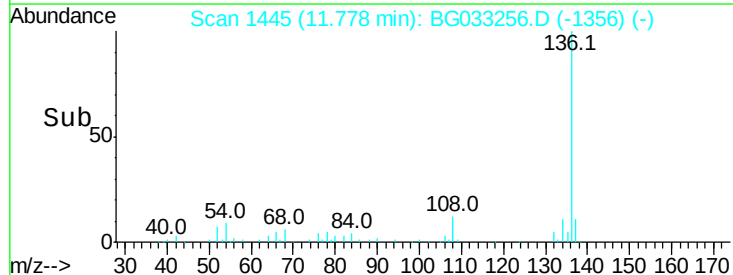
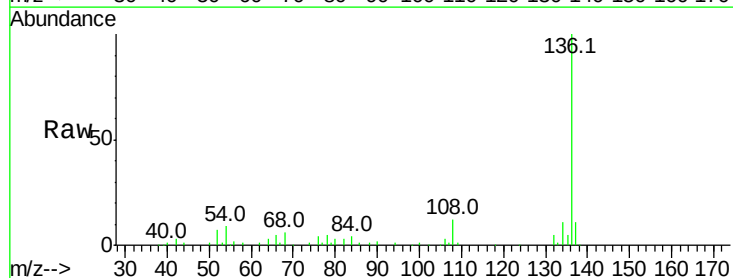
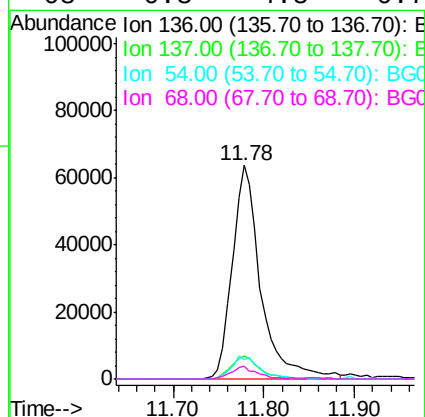
Delta R.T. -0.01 min

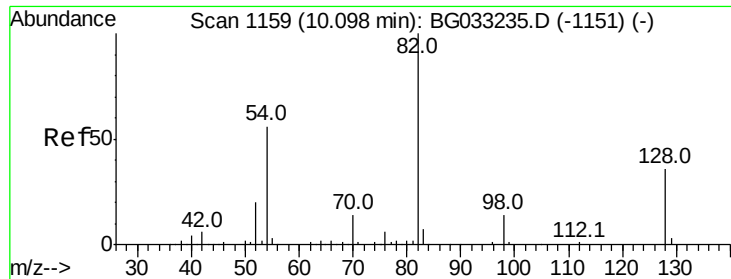
Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

Tgt Ion: 136 Resp: 139415

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.1	10.3	15.5#
68	6.3	4.5	6.7

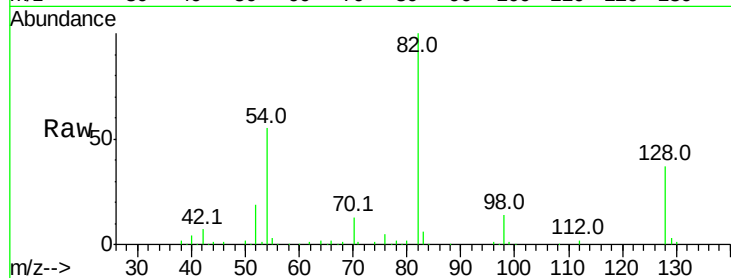




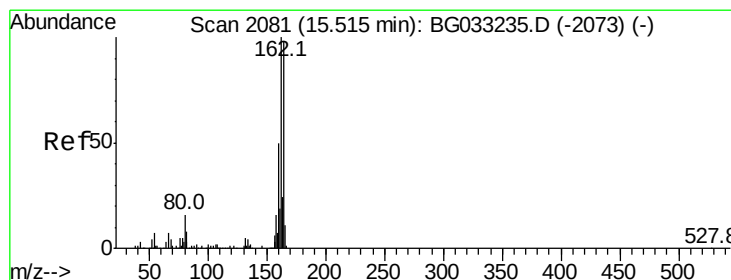
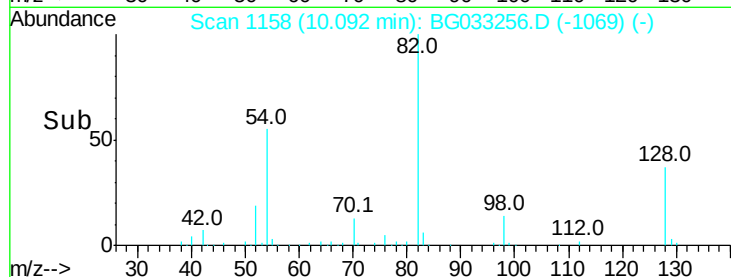
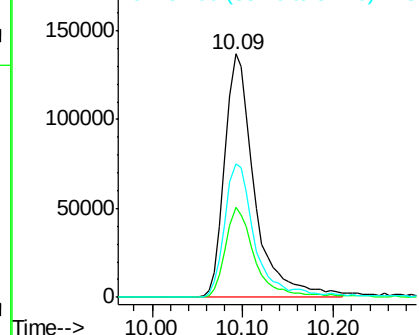
#23
 Nitrobenzene-d5
 Concen: 103.580 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG033256.D
 Acq: 20 Mar 2018 1:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 314307
 Ion Ratio Lower Upper
 82 100
 128 37.2 29.7 44.5
 54 54.6 43.1 64.7

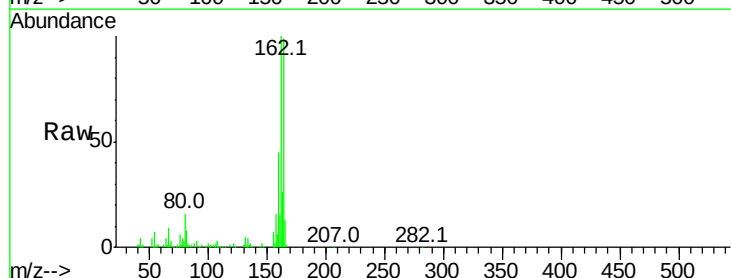


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

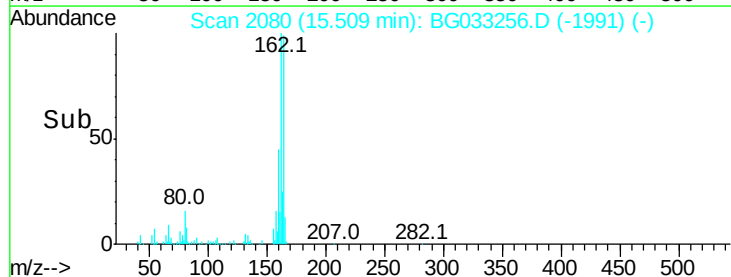
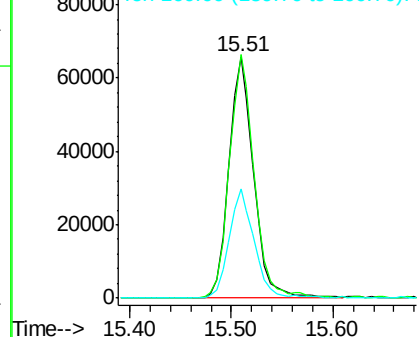


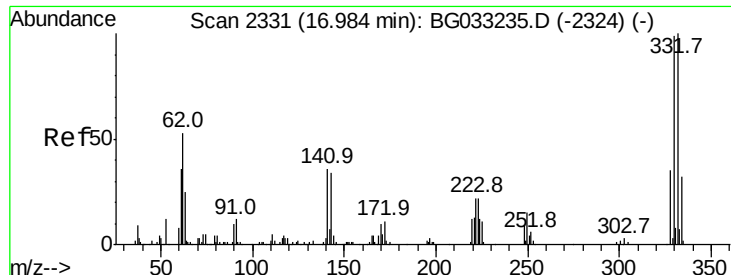
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG033256.D
 Acq: 20 Mar 2018 1:22

Tgt Ion:164 Resp: 110913
 Ion Ratio Lower Upper
 164 100
 162 100.8 78.8 118.2
 160 45.0 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

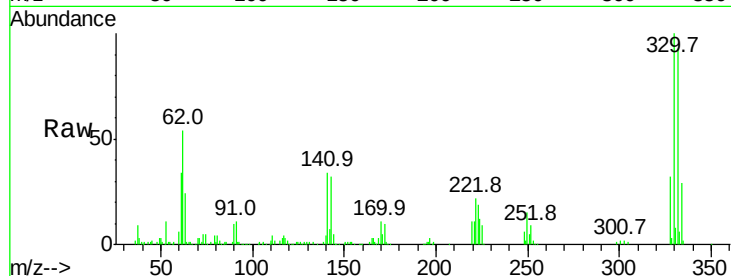




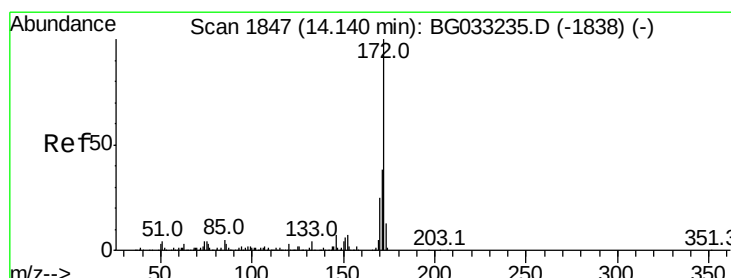
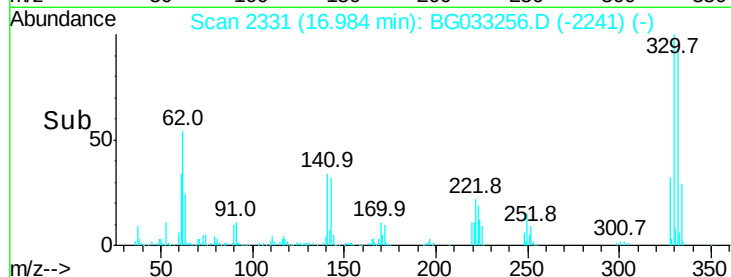
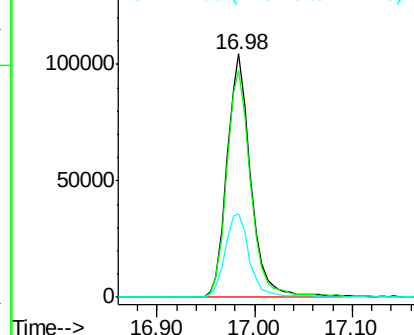
#41
 2,4,6-Tribromophenol
 Concen: 106.207 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033256.D
 Acq: 20 Mar 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.9	25.2	37.8

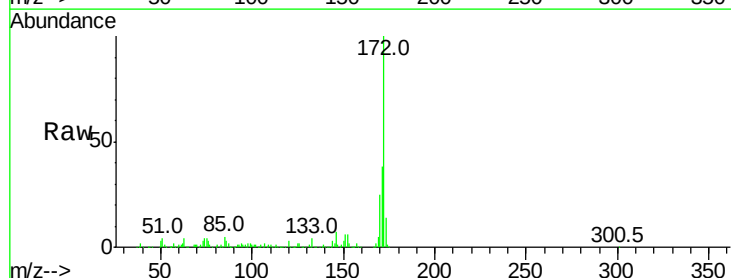


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

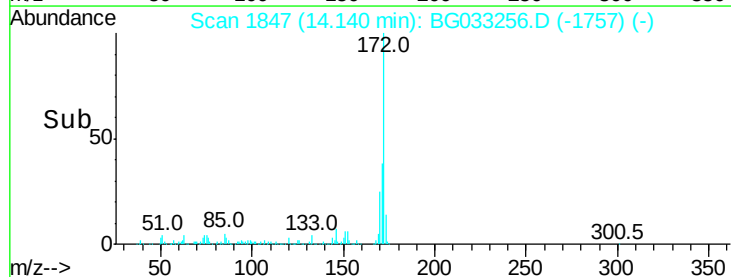
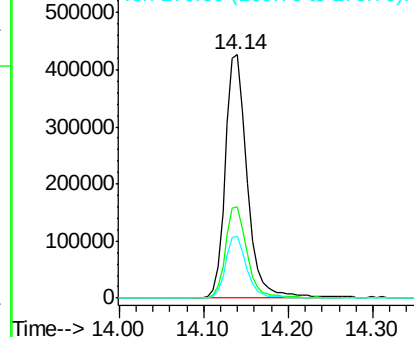


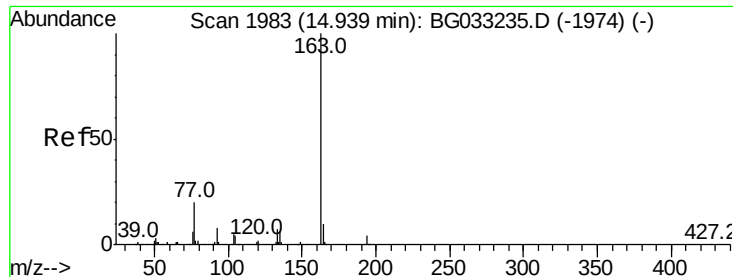
#44
 2-Fluorobiphenyl
 Concen: 100.161 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033256.D
 Acq: 20 Mar 2018 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.3	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: 2.198 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

Instrument :

BNA_G

ClientSampleId :

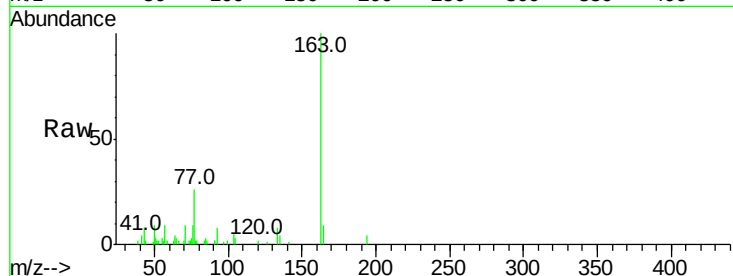
Tot Ion:163 Resp: 21216

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

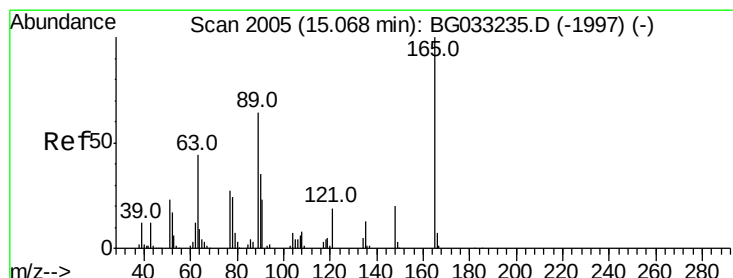
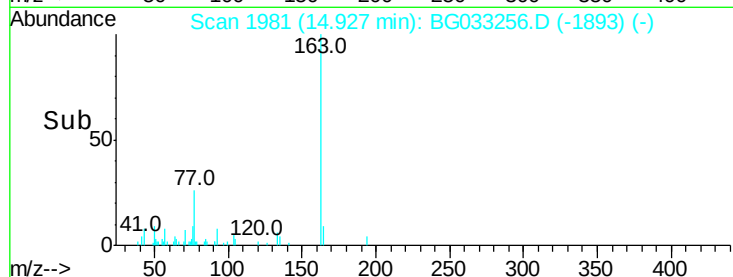
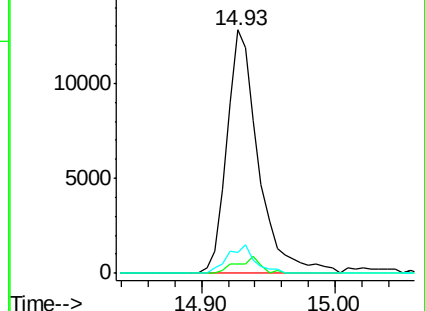
164 8.5 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 6.966 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.44 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

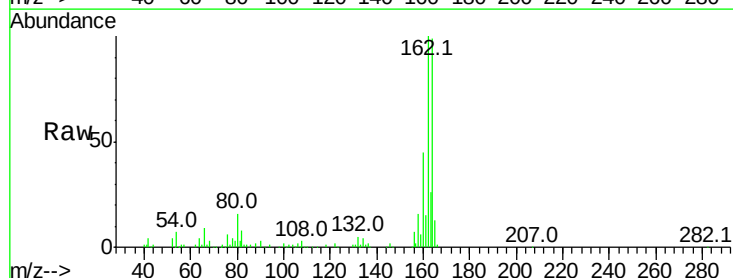
Tgt Ion:165 Resp: 13749

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

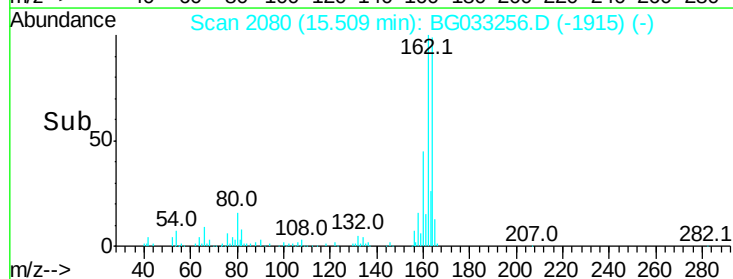
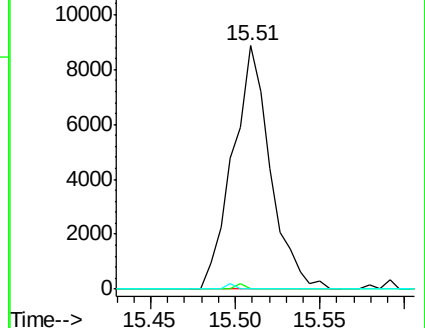
89 0.0 49.2 73.8#

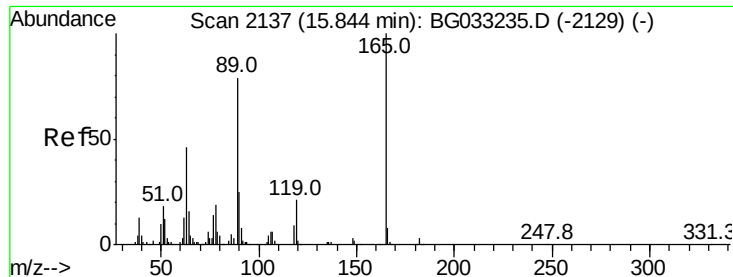


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

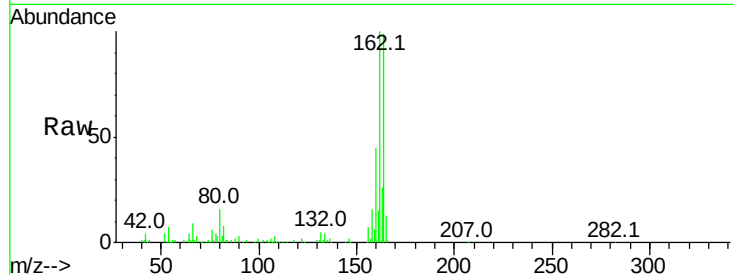




#56
2,4-Dinitrotoluene
Concen: 4.731 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.33 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Instrument :
BNA_G
ClientSampleId :

Tot 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#

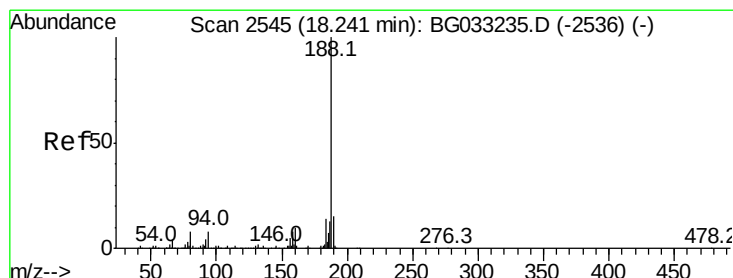
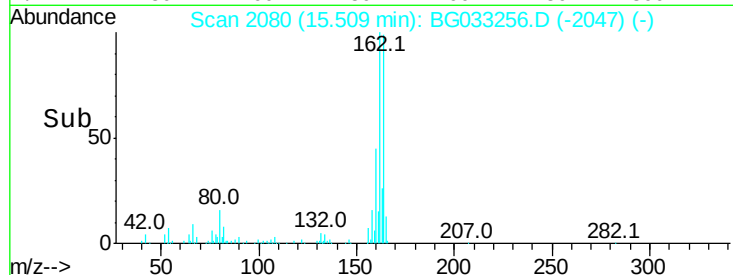
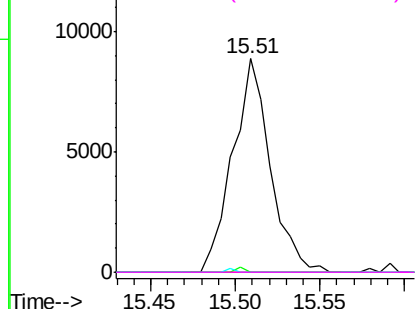


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

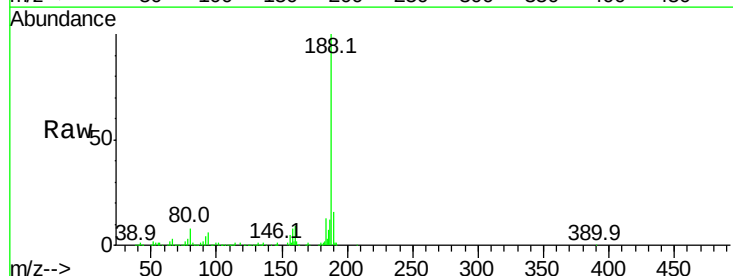
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

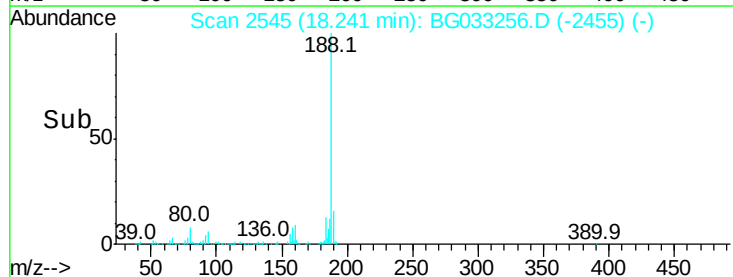
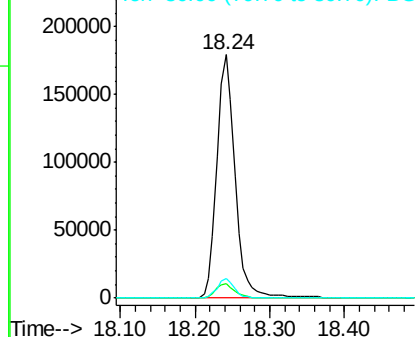
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	8.0	7.7	11.5

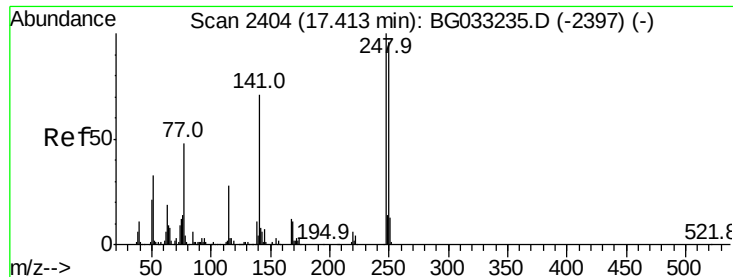


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

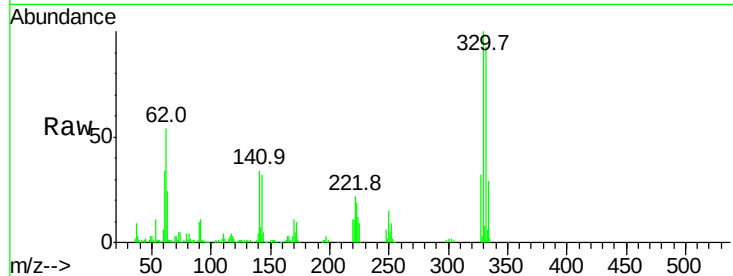




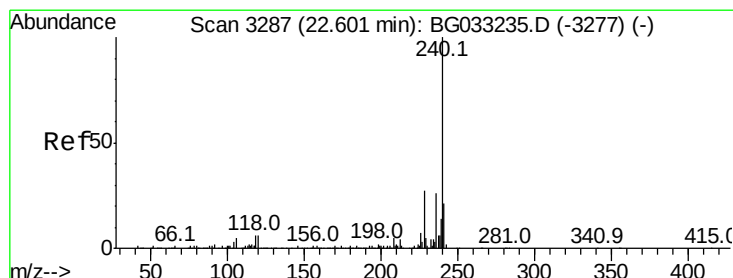
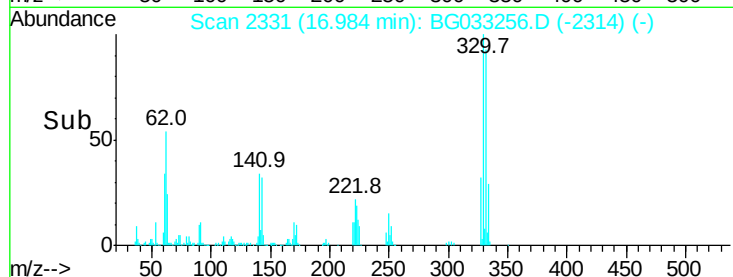
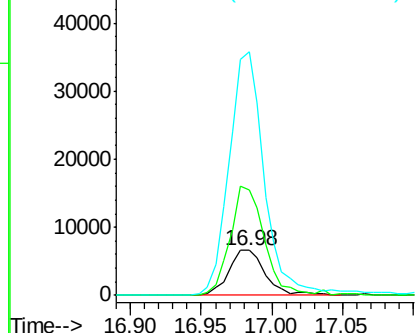
#66
4-Bromophenyl-phenylether
Concen: 3.358 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 12011
Ion Ratio Lower Upper
248 100
250 233.6 77.1 115.7#
141 540.7 50.8 76.2#

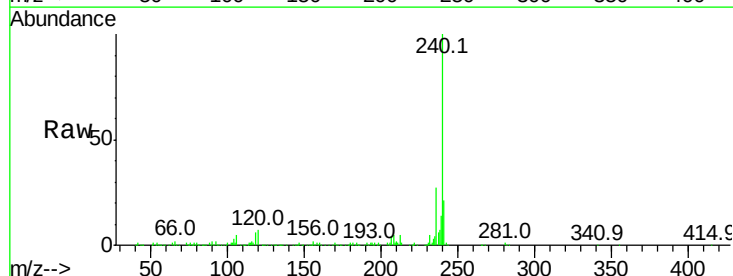


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

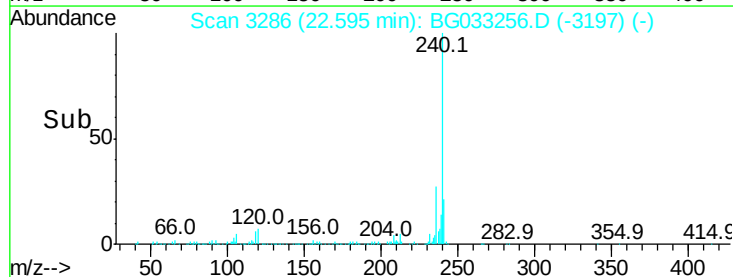
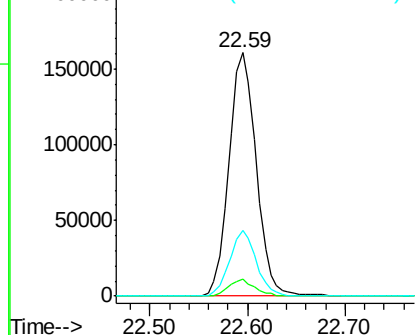


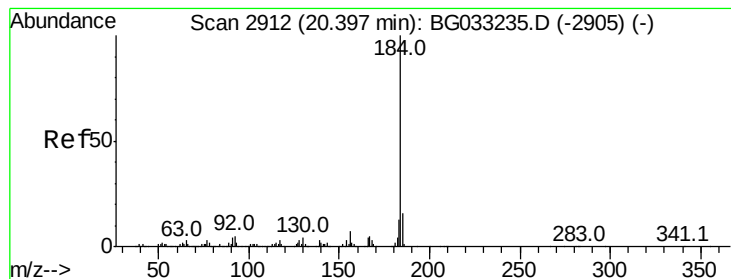
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Tgt Ion:240 Resp: 311378
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.9 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





#76

Benzidine

Concen: 2.573 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

Instrument :

BNA_G

ClientSampleId :

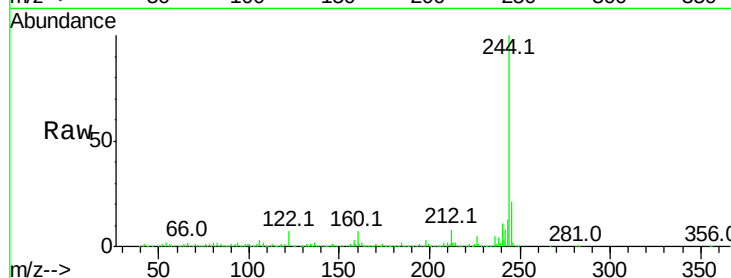
Tot Ion:184 Resp: 21724

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

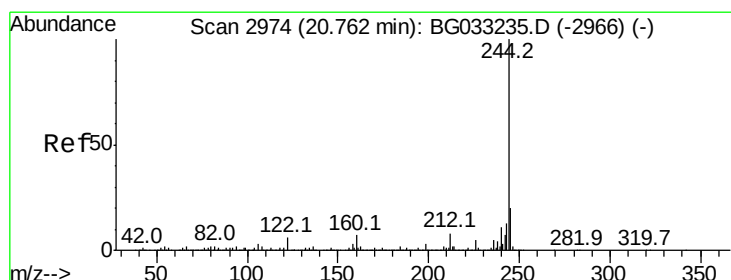
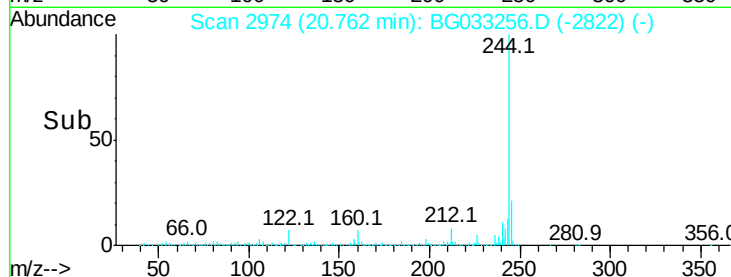
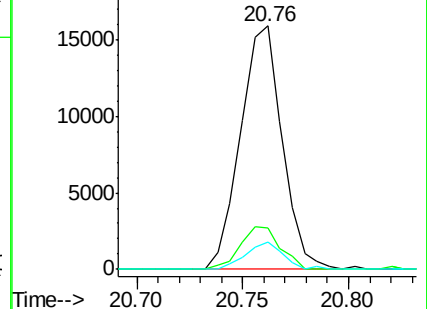
183 11.0 10.6 16.0



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: 92.838 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033256.D

Acq: 20 Mar 2018 1:22

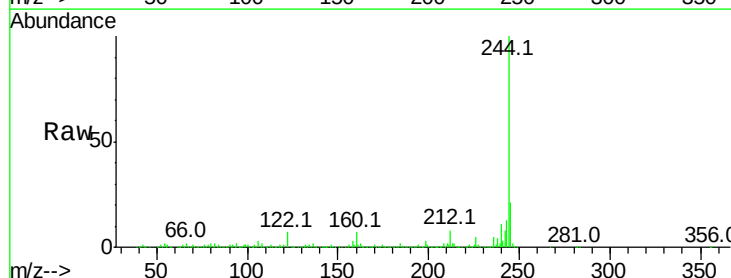
Tgt Ion:244 Resp: 1351702

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

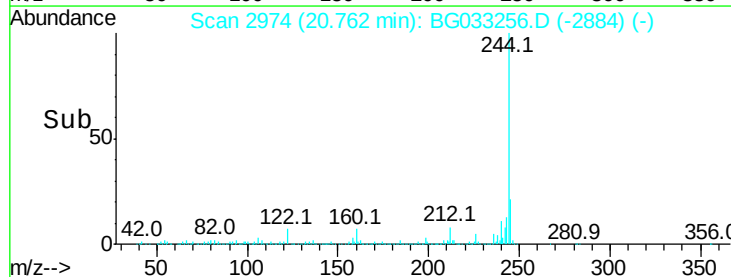
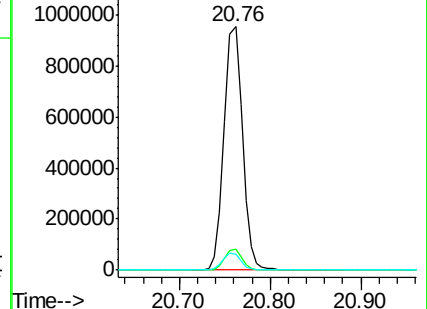
122 6.6 7.0 10.4#

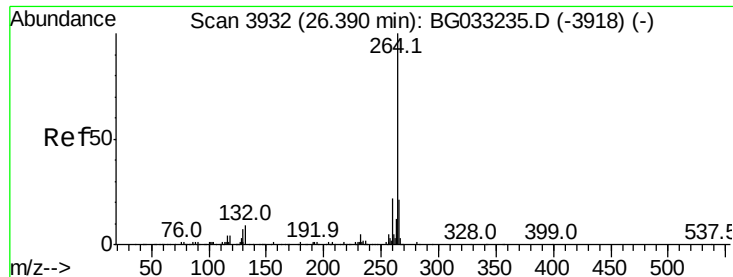


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BG033256.D
Acq: 20 Mar 2018 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.6	17.7	26.5

