

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033536.D
 Acq On : 3 Apr 2018 23:28
 Operator : SJ/JU
 Sample : J2131-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 02:32:38 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

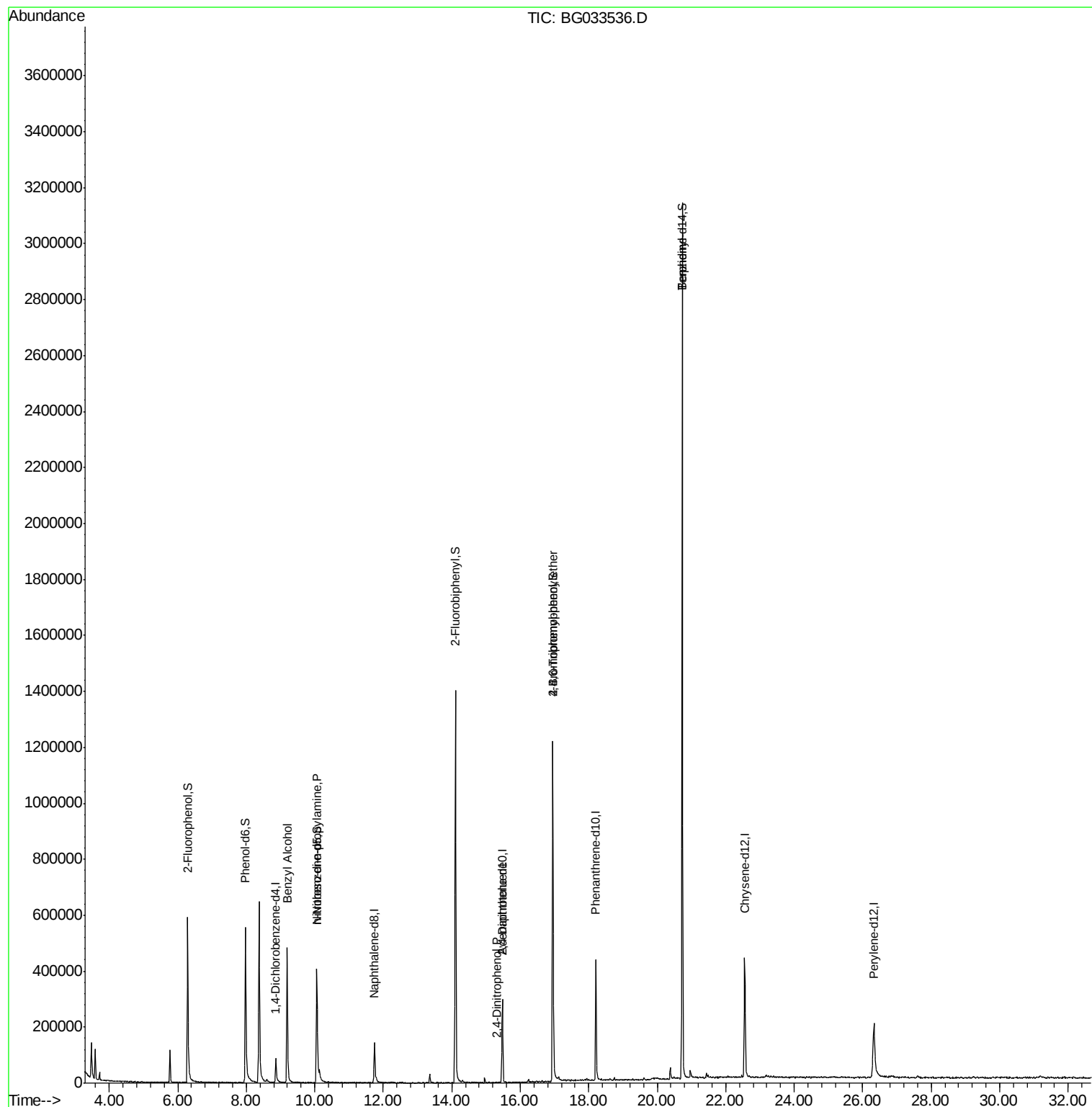
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31969	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142607	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116008	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319221	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329647	20.00	ng	0.00
86) Perylene-d12	26.33	264	320749	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	285358	167.37	ng	0.00
7) Phenol-d6	7.98	99	385431	131.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	326101	105.06	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	260263	150.00	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	798661	99.39	ng	0.00
78) Terphenyl-d14	20.73	244	1590522	103.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4936	2.140	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	40889	19.049	ng	# 75
53) 2,4-Dinitrophenol	15.33	184	79	7.710	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	15066	4.957	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	19095	5.093	ng	# 1
76) Benzidine	20.73	184	28972	3.241	ng	96

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

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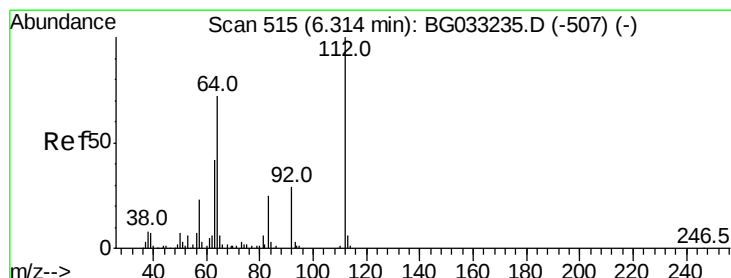
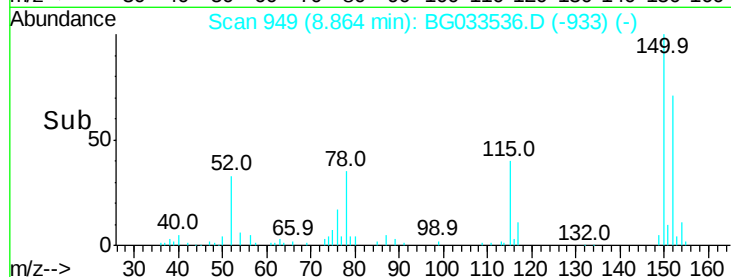
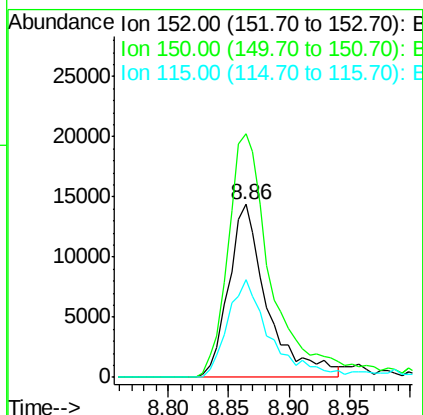
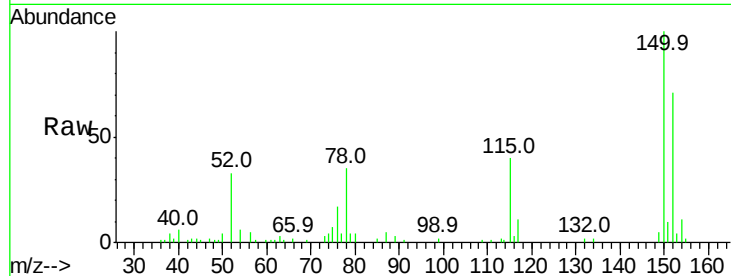


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Instrument :
BNA_G
ClientSampleId :

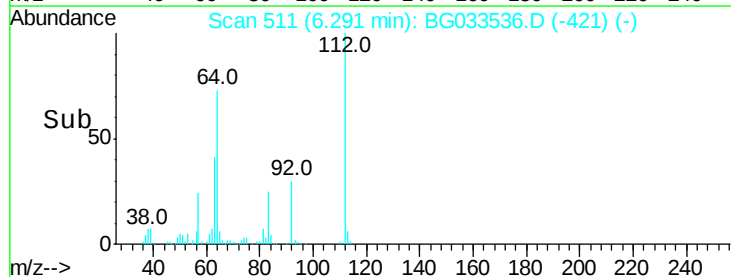
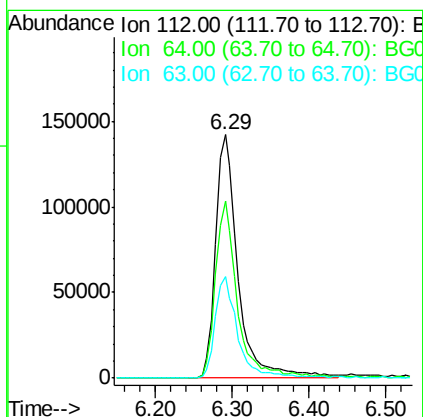
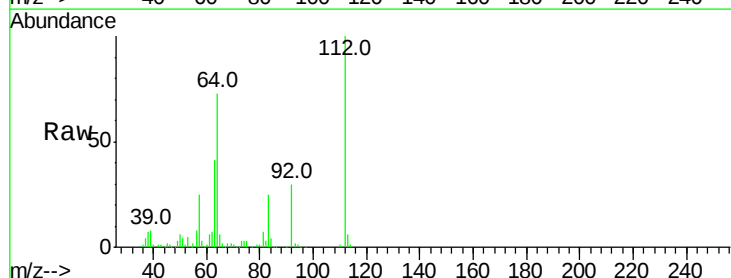
Tot Ion:152 Resp: 31969
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 56.7 53.0 79.4

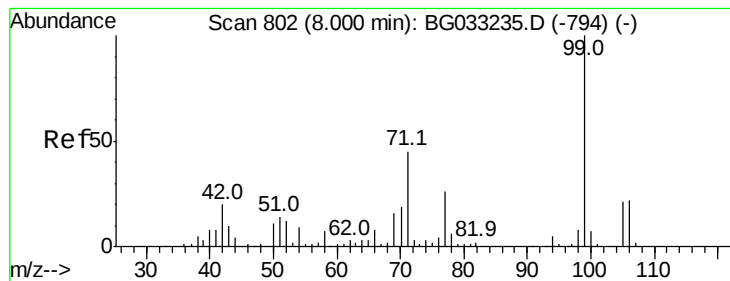


#5

2-Fluorophenol
Concen: 167.375 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Tgt Ion:112 Resp: 285358
Ion Ratio Lower Upper
112 100
64 73.0 56.3 84.5
63 41.4 30.1 45.1





#7

Phenol-d6

Concen: 131.574 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

ClientSampled :

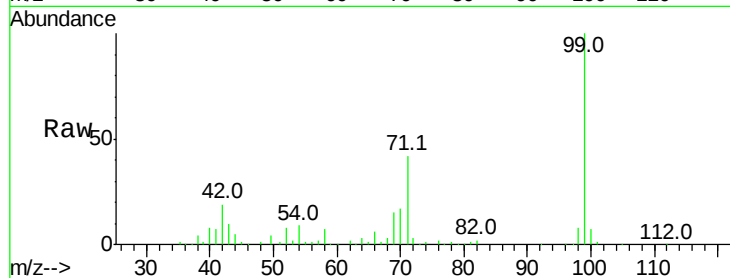
Tot Ion: 99 Resp: 385431

Ion Ratio Lower Upper

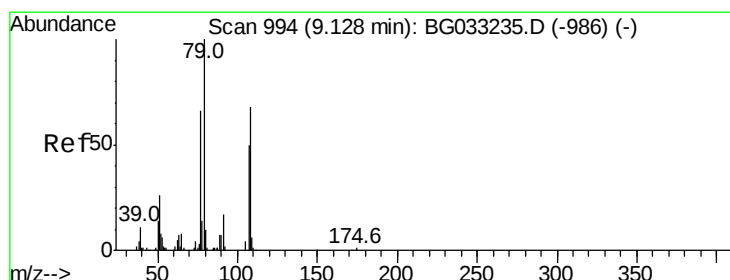
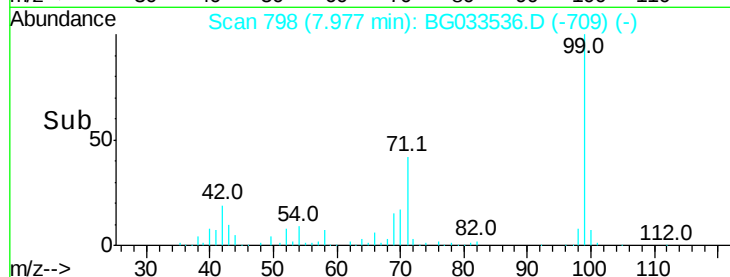
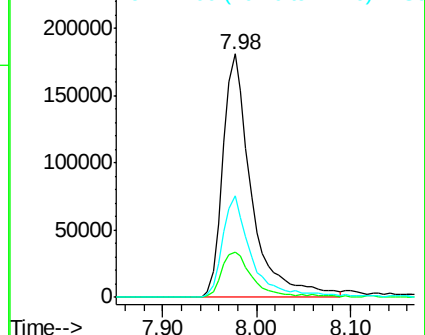
99 100

42 18.8 14.1 21.1

71 41.8 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: 2.140 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

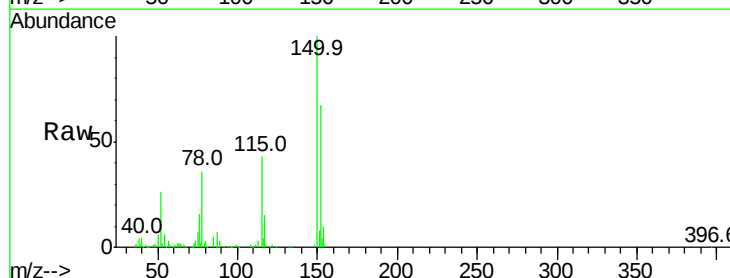
Tgt Ion: 79 Resp: 4936

Ion Ratio Lower Upper

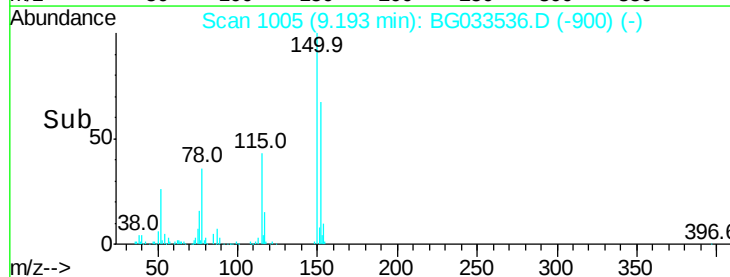
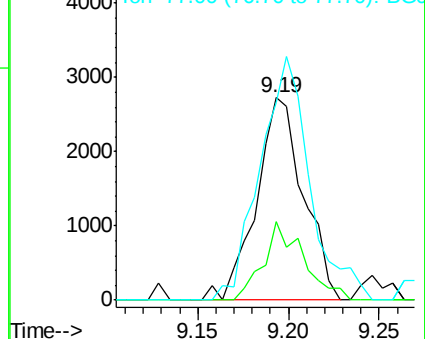
79 100

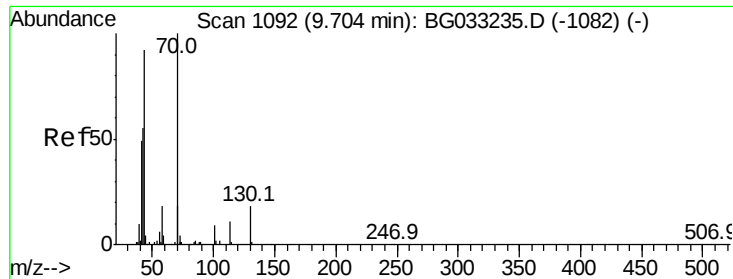
108 38.7 57.2 85.8#

77 97.9 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

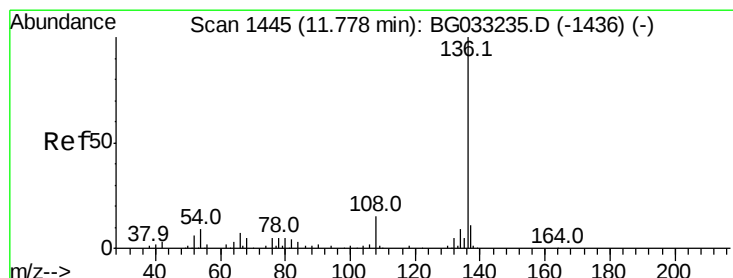
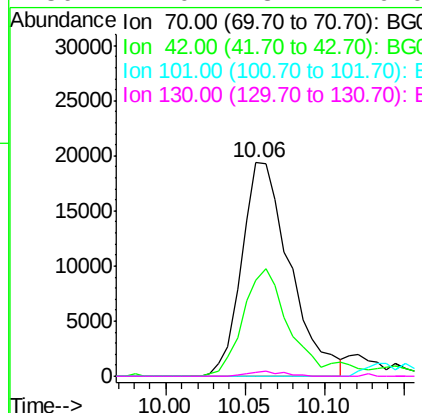
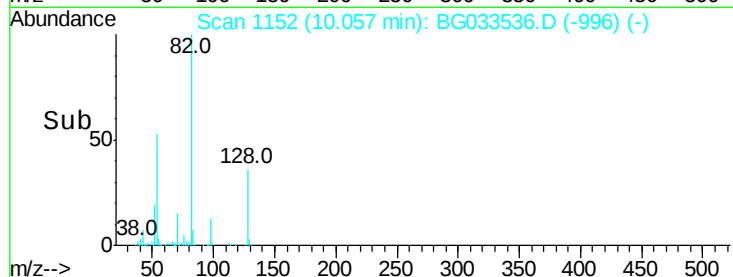
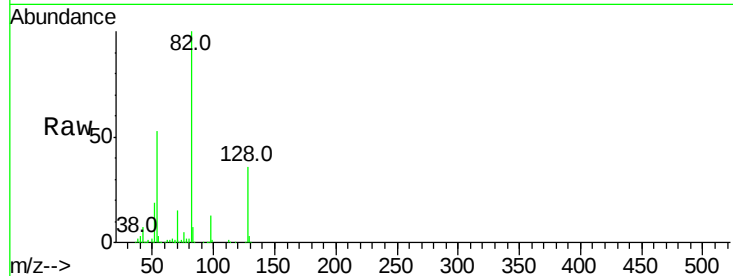




#19
n-Nitroso-di-n-propylamine
Concen: 19.049 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

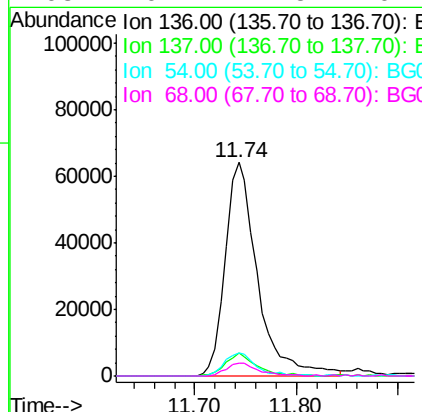
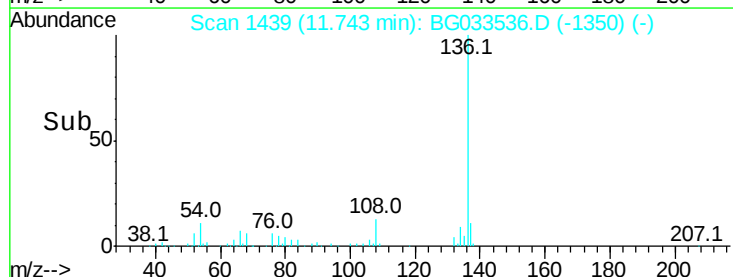
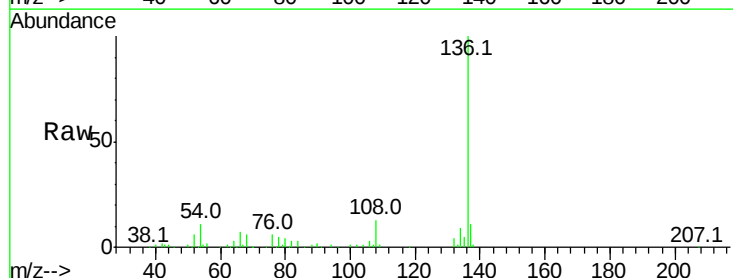
Instrument :
BNA_G
ClientSampleId :

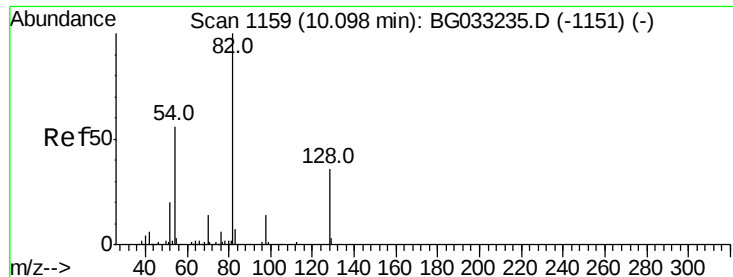
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.9	10.3	15.5
68	6.2	4.5	6.7





#23

Nitrobenzene-d5

Concen: 105.061 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

ClientSampleId :

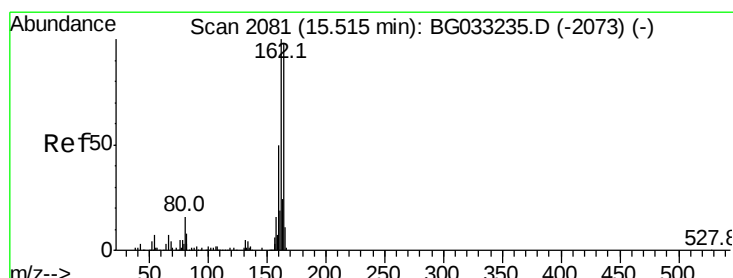
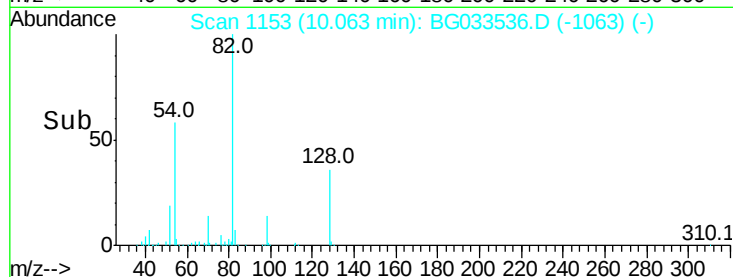
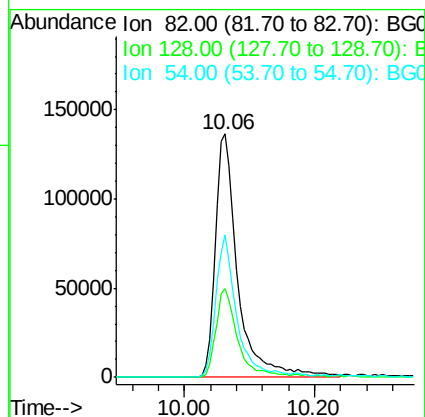
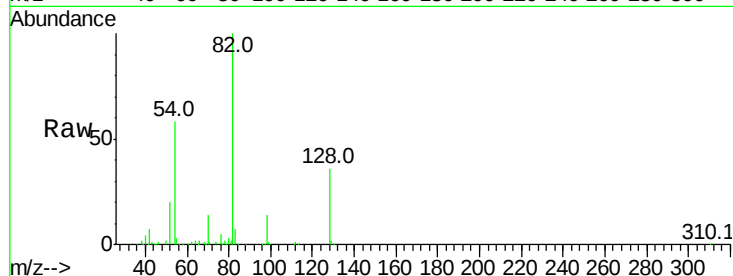
Tot Ion: 82 Resp: 326101

Ion Ratio Lower Upper

82 100

128 36.2 29.7 44.5

54 58.3 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: BG033536.D

Acq: 3 Apr 2018 23:28

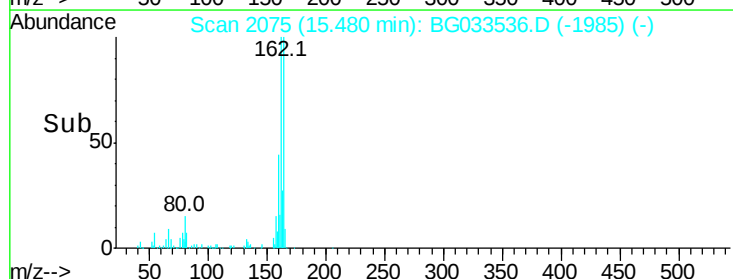
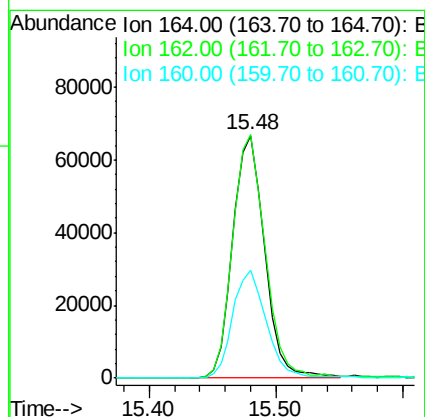
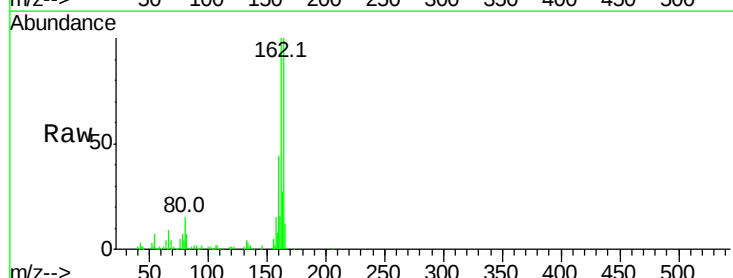
Tgt Ion: 164 Resp: 116008

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

160 44.5 35.4 53.0

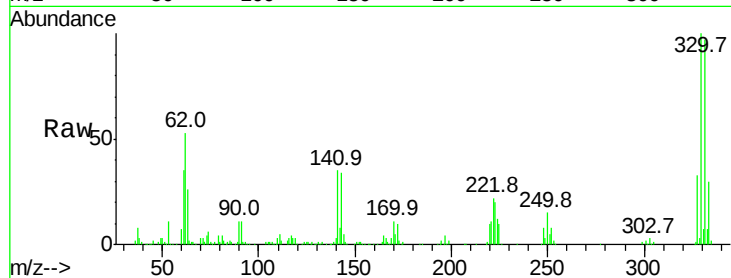




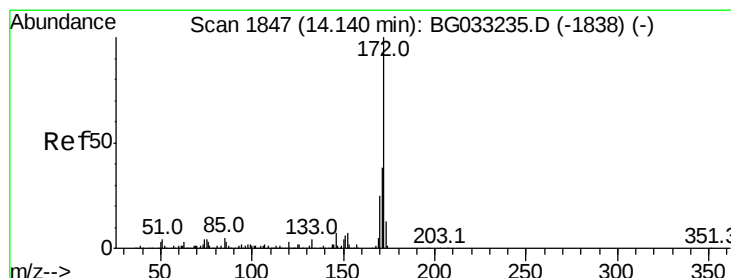
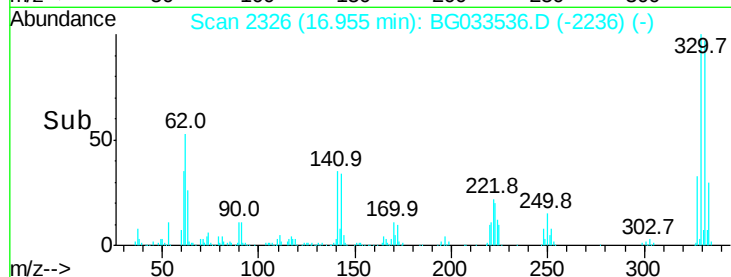
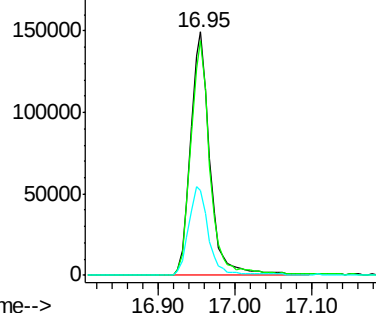
#41
 2,4,6-Tribromophenol
 Concen: 150.004 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 260263
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 36.9 25.2 37.8

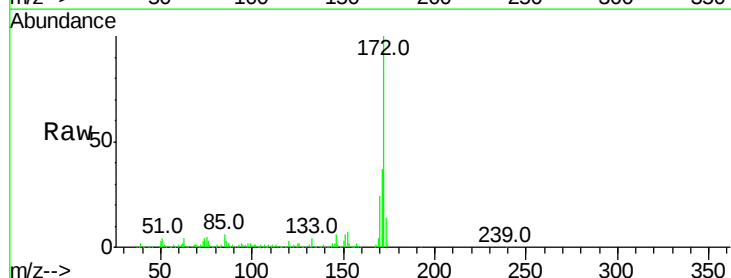


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

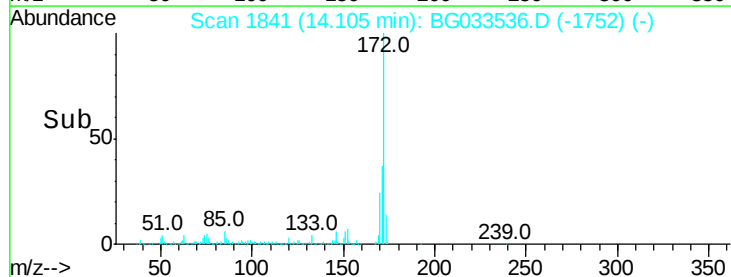
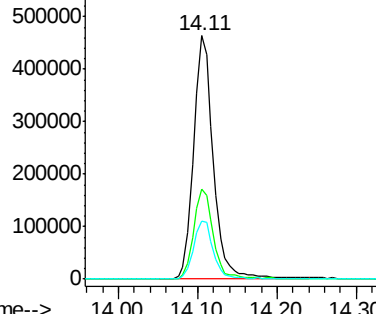


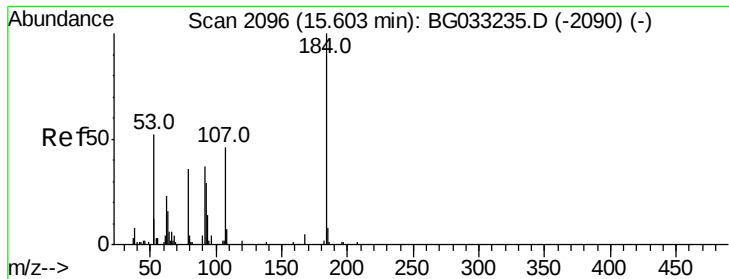
#44
 2-Fluorobiphenyl
 Concen: 99.388 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Tgt Ion:172 Resp: 798661
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.8 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





#53

2,4-Dinitrophenol

Concen: 7.710 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.25 min

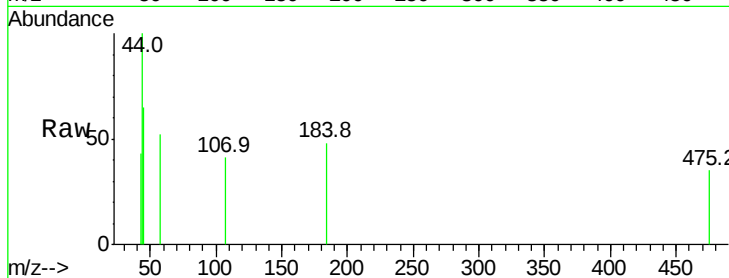
Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

ClientSampleId :



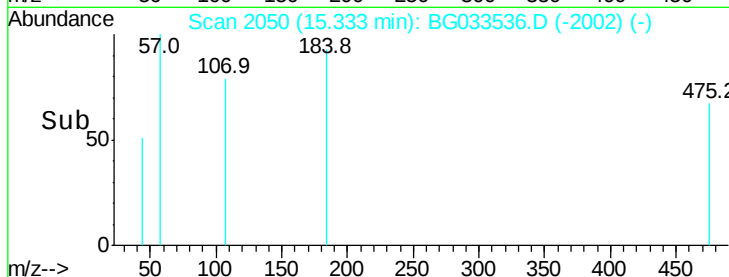
Tot Ion:184 Resp: 79

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#



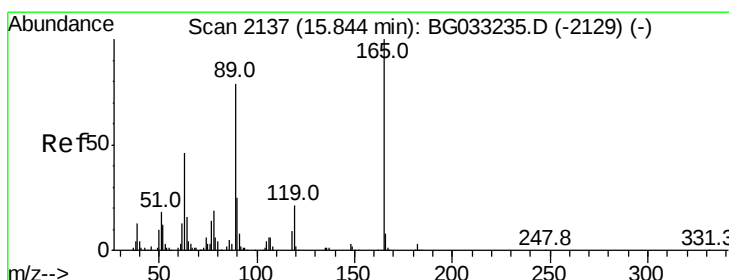
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

15.33

Time-->



#56

2,4-Dinitrotoluene

Concen: 4.957 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Tgt Ion:165 Resp: 15066

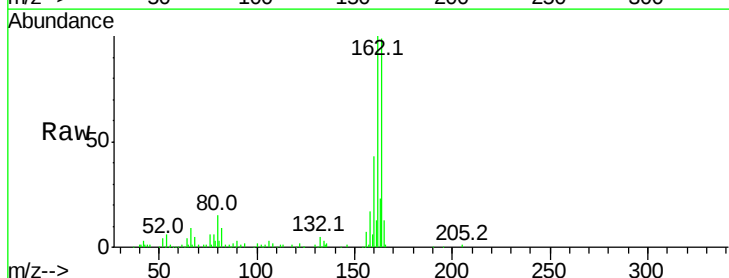
Ion Ratio Lower Upper

165 100

63 2.0 42.0 63.0#

89 2.3 66.9 100.3#

182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E

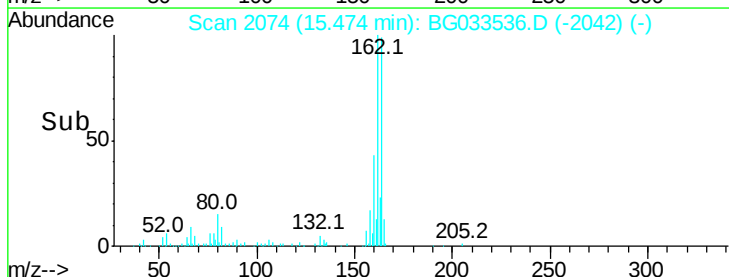
Ion 63.00 (62.70 to 63.70): BGC

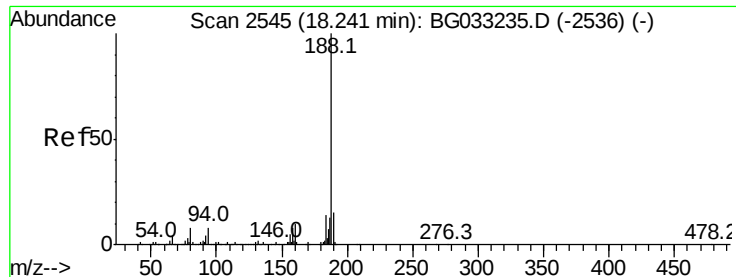
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

15.47

Time-->

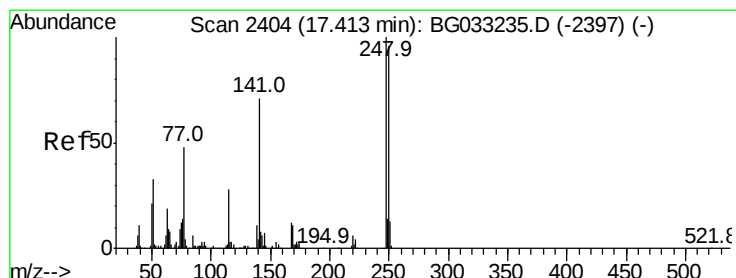
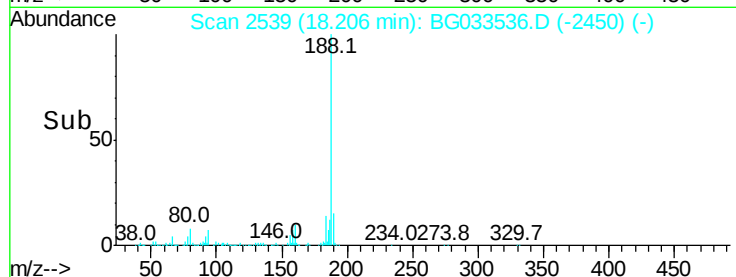
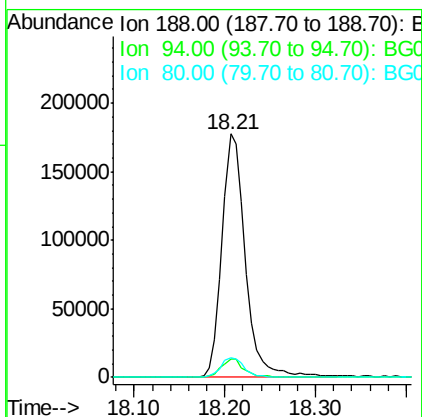
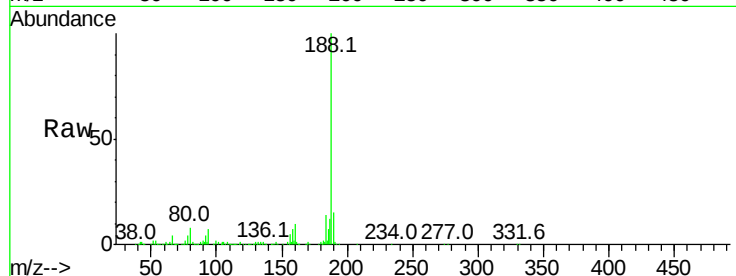




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

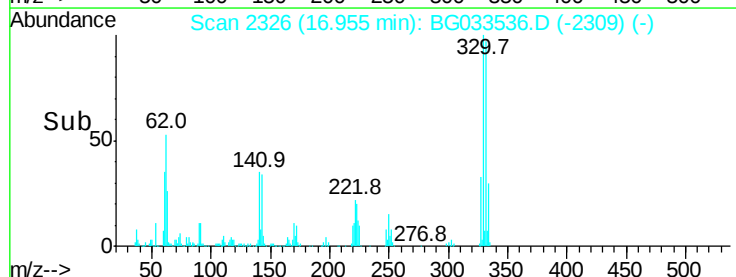
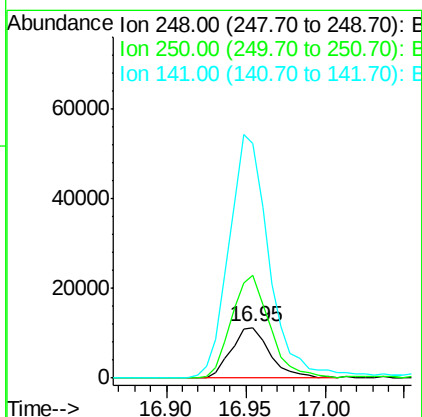
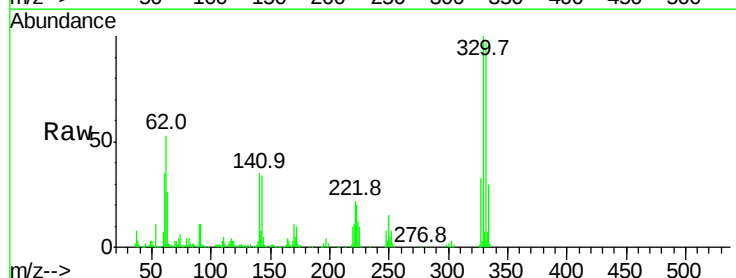
Instrument :
BNA_G
ClientSampleId :

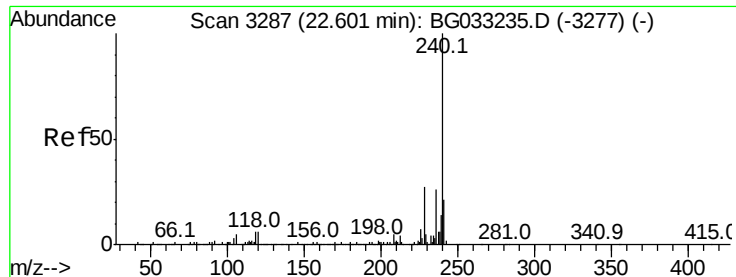
Tot Ion:188 Resp: 319221
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.9 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.093 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Tgt Ion:248 Resp: 19095
Ion Ratio Lower Upper
248 100
250 204.0 77.1 115.7#
141 465.4 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

ClientSampleId :

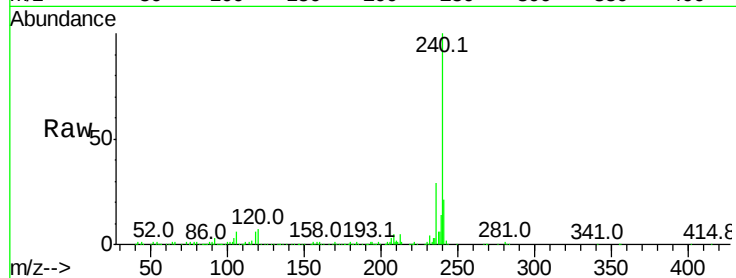
Tot Ion:240 Resp: 329647

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

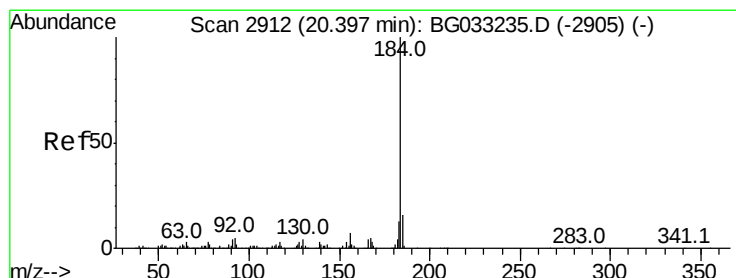
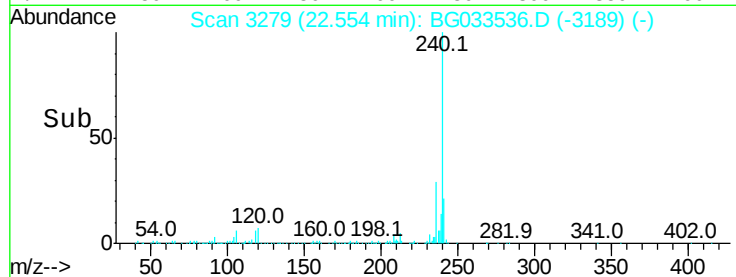
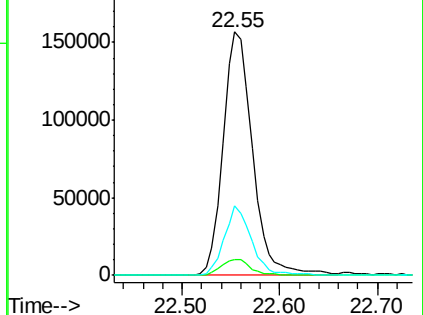
236 28.8 20.9 31.3



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: 3.241 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

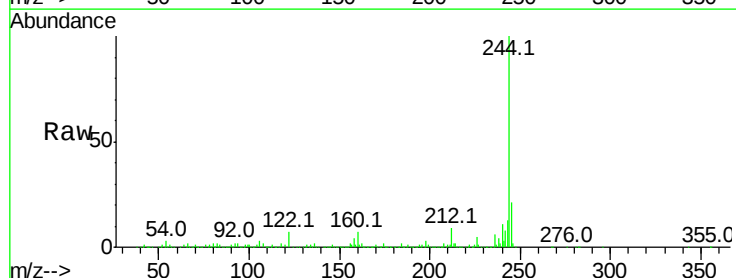
Tgt Ion:184 Resp: 28972

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

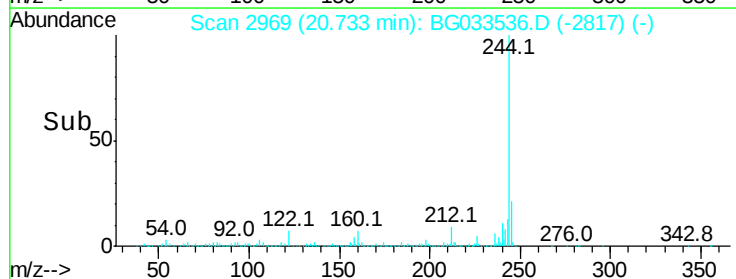
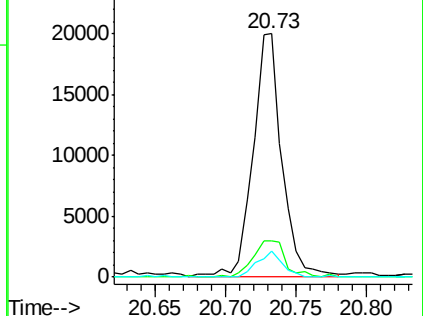
183 10.9 10.6 16.0

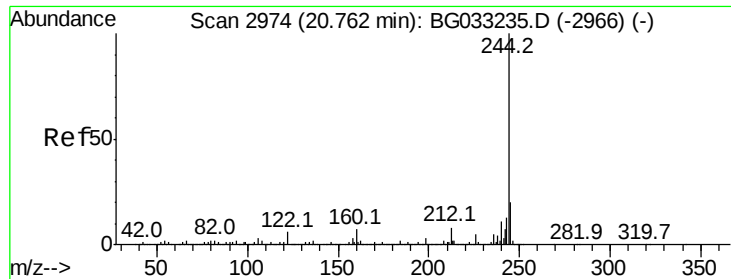


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.186 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

ClientSampled :

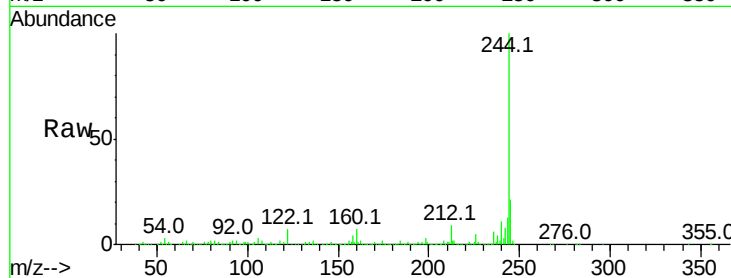
Tot Ion:244 Resp: 1590522

Ion Ratio Lower Upper

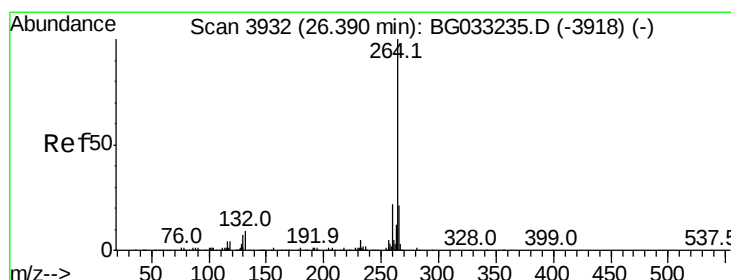
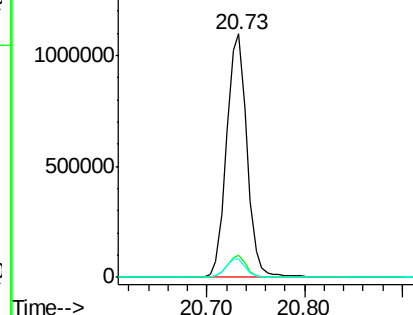
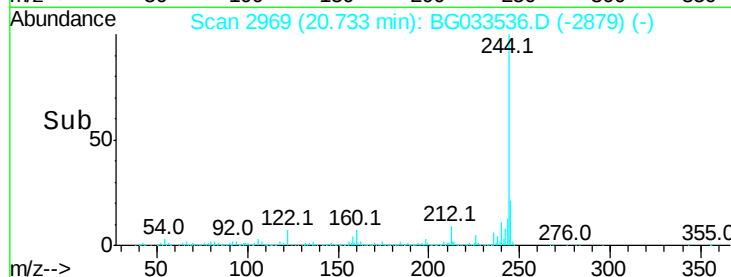
244 100

212 8.9 5.8 8.8#

122 7.3 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: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

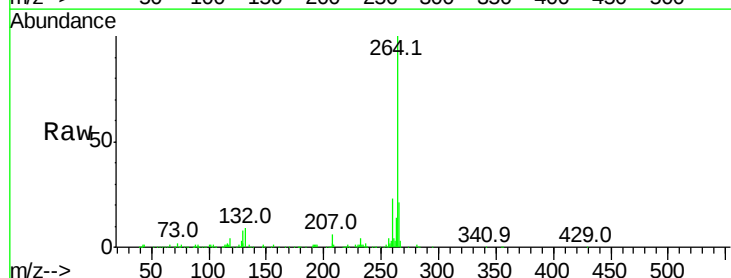
Tgt Ion:264 Resp: 320749

Ion Ratio Lower Upper

264 100

260 23.4 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

