

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033806.D
 Acq On : 13 Apr 2018 21:16
 Operator : SJ/JU
 Sample : J2348-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:52:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

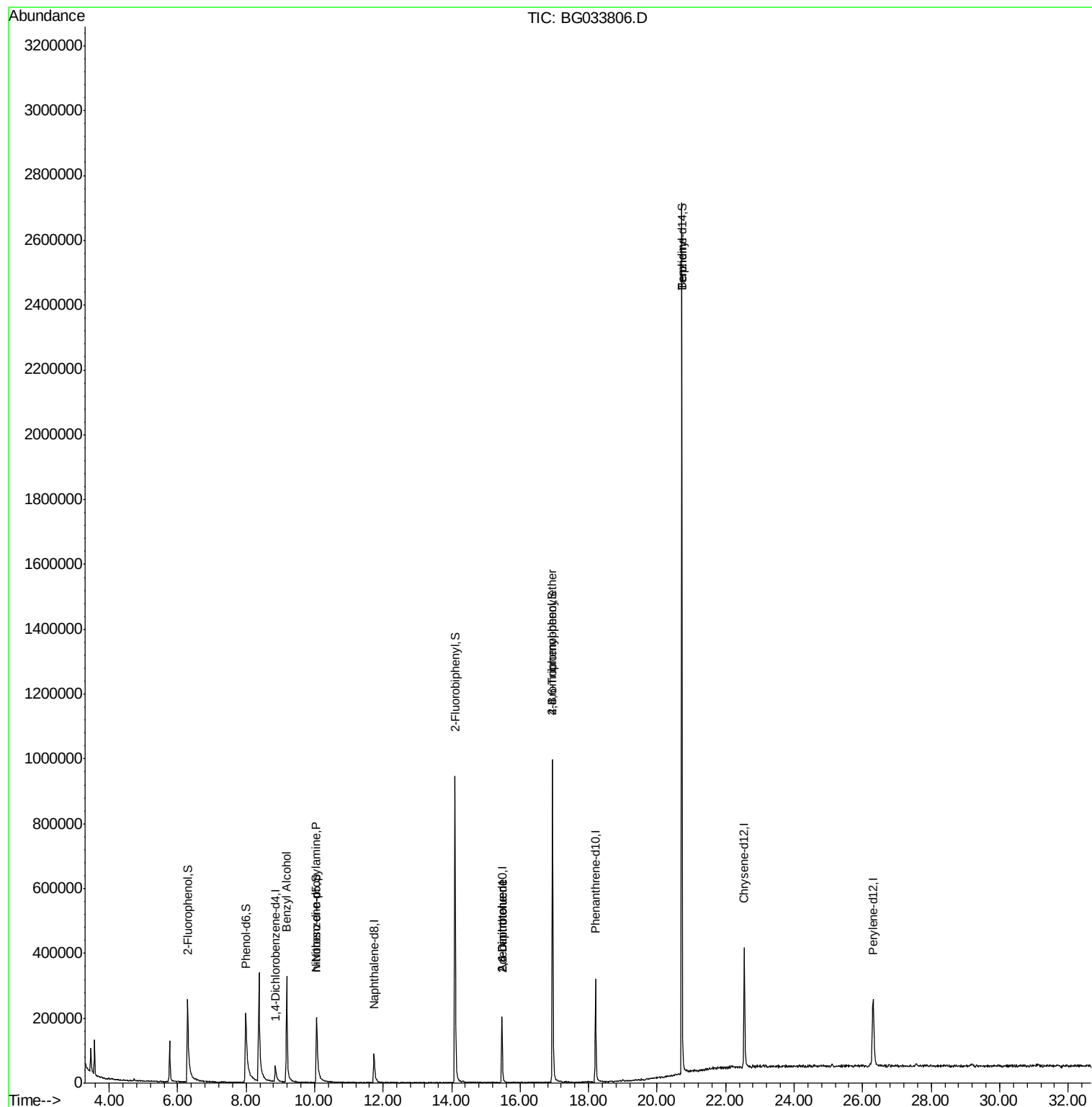
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	21138	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	105195	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	83340	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	251182	20.00	ng	0.00
75) Chrysene-d12	22.54	240	279487	20.00	ng	0.00
86) Perylene-d12	26.30	264	301093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	191769	170.12	ng	0.00
7) Phenol-d6	7.98	99	260392	134.44	ng	0.01
23) Nitrobenzene-d5	10.05	82	235878	103.02	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	210352	168.76	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	599582	103.86	ng	0.00
78) Terphenyl-d14	20.72	244	1445676	110.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4096	2.686	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	27279	19.220	ng	# 78
50) 2,6-Dinitrotoluene	15.46	165	11383	7.676	ng	# 18
56) 2,4-Dinitrotoluene	15.46	165	11383	5.213	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	15304	5.188	ng	# 1
76) Benzidine	20.72	184	24159	3.188	ng	# 76

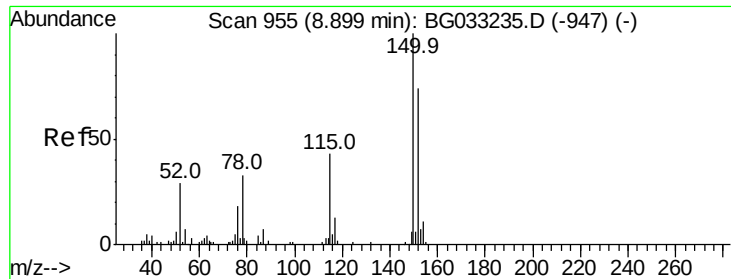
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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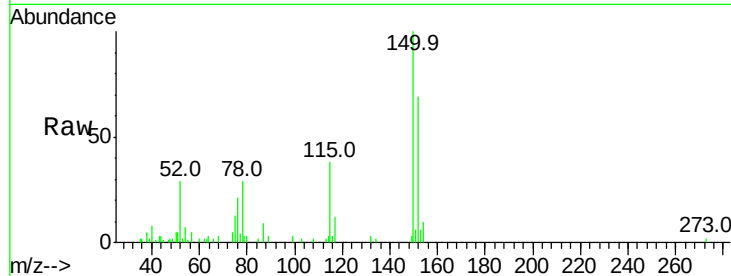


#1

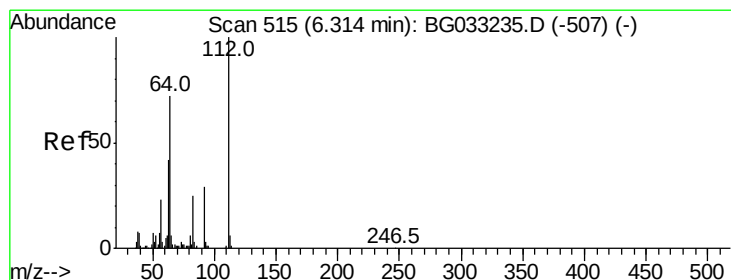
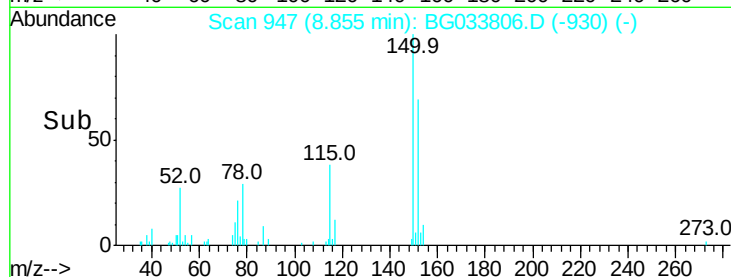
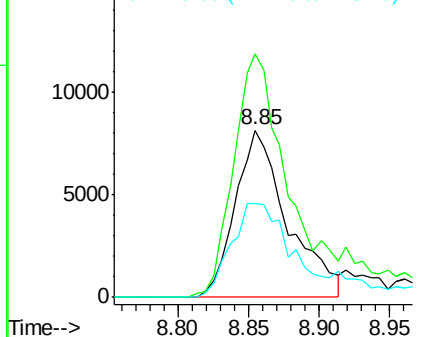
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033806.D
Acq: 13 Apr 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21138
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 55.9 53.0 79.4



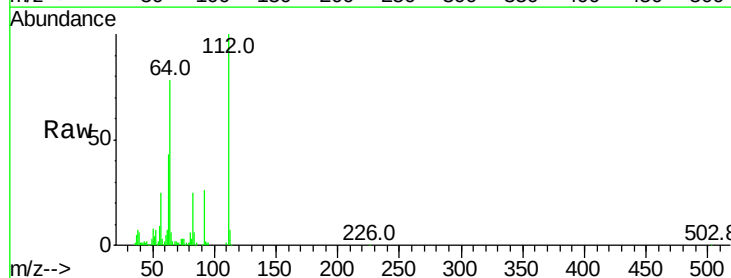
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



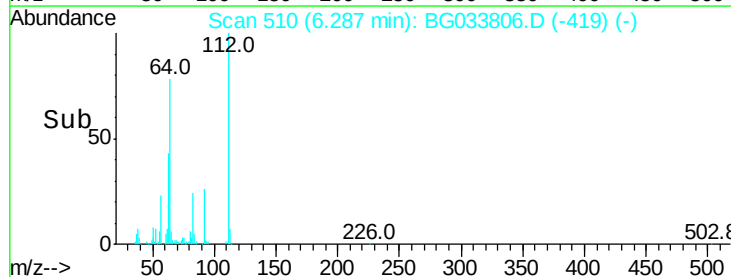
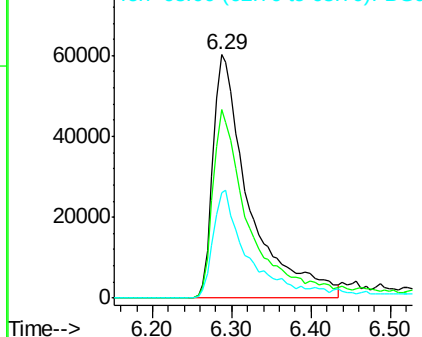
#5

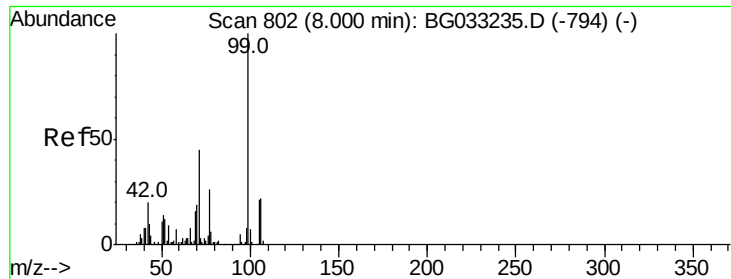
2-Fluorophenol
Concen: 170.115 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033806.D
Acq: 13 Apr 2018 21:16

Tgt Ion:112 Resp: 191769
Ion Ratio Lower Upper
112 100
64 77.6 56.3 84.5
63 43.1 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: 134.437 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

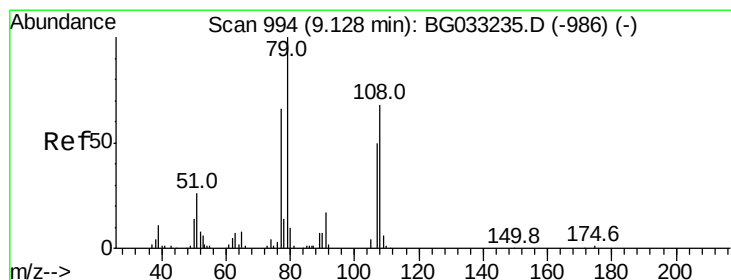
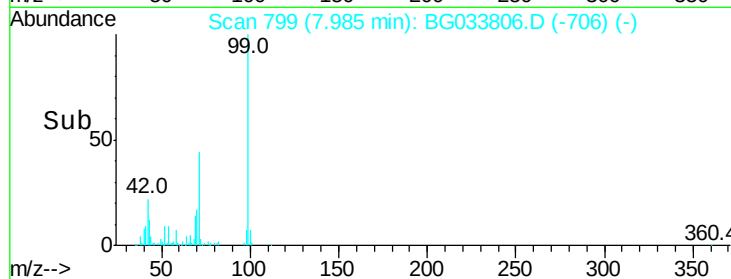
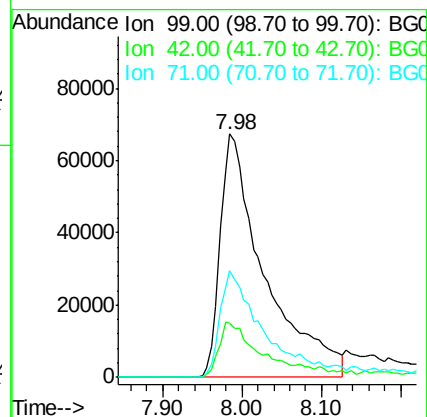
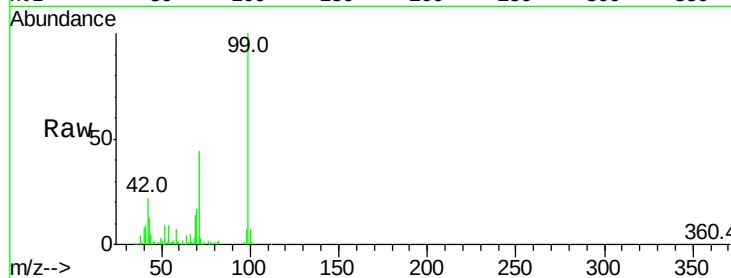
Tot Ion: 99 Resp: 260392

Ion Ratio Lower Upper

99 100

42 22.1 14.1 21.1#

71 44.0 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.686 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

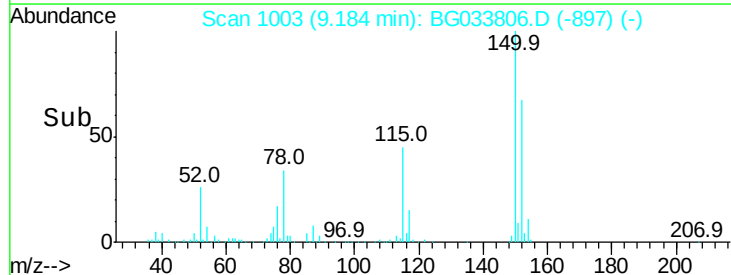
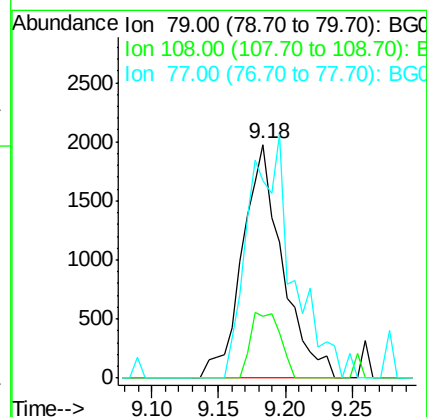
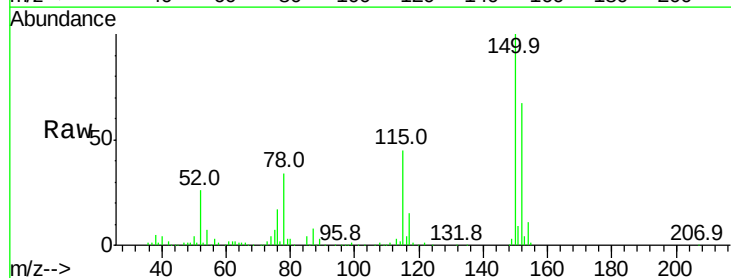
Tgt Ion: 79 Resp: 4096

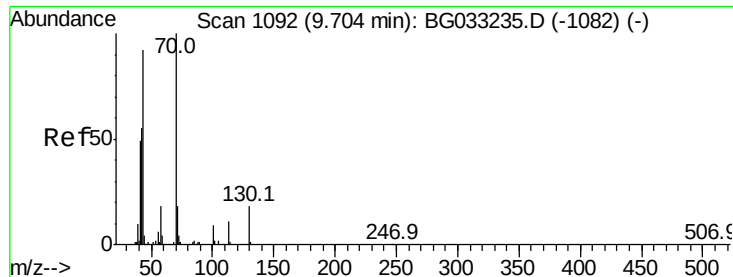
Ion Ratio Lower Upper

79 100

108 26.2 57.2 85.8#

77 84.6 46.1 69.1#

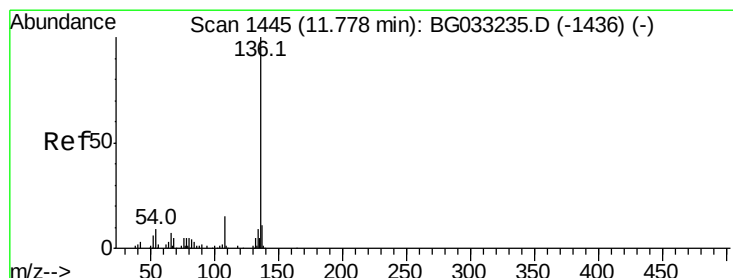
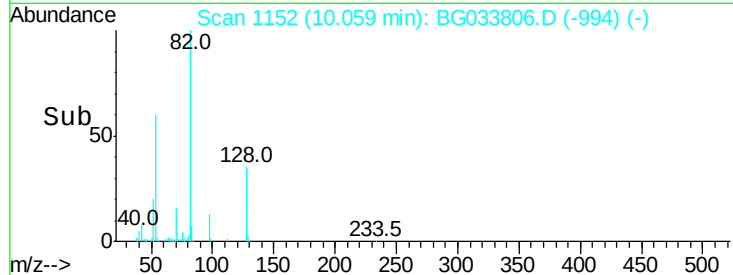
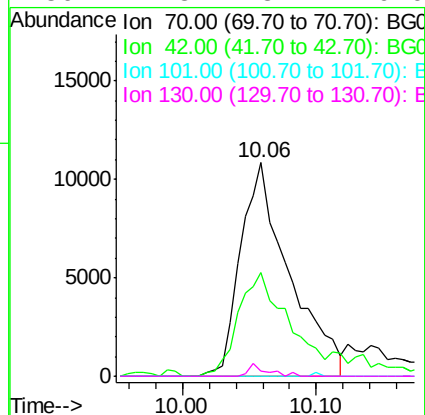
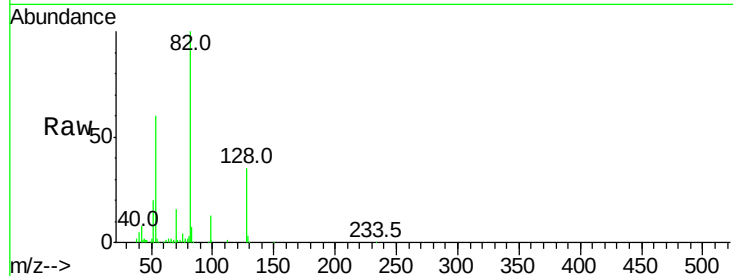




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.220 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

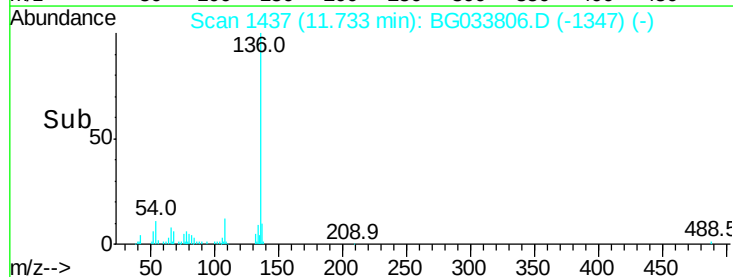
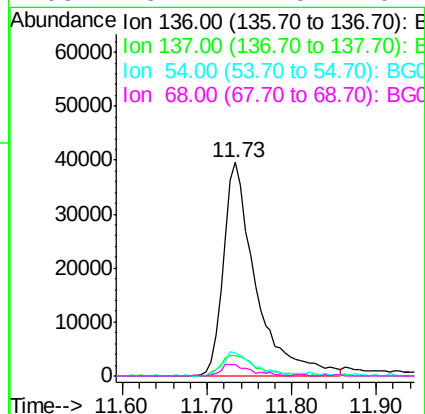
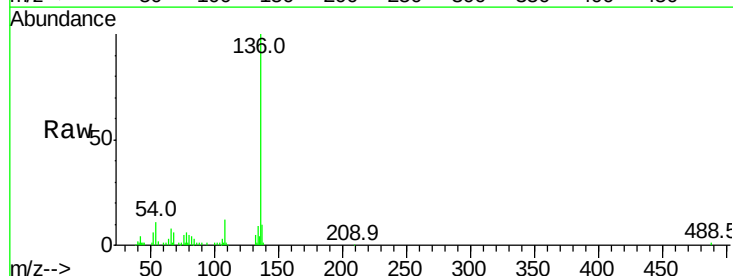
Instrument :
 BNA_G
 ClientSampleId :

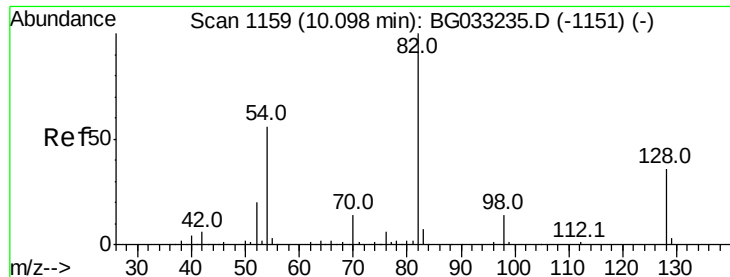
Tot Ion: 70 Resp: 27279
 Ion Ratio Lower Upper
 70 100
 42 48.3 49.1 73.7#
 101 0.0 8.5 12.7#
 130 2.3 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.73 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Tgt Ion: 136 Resp: 105195
 Ion Ratio Lower Upper
 136 100
 137 9.5 9.2 13.8
 54 10.9 10.3 15.5
 68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 103.020 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampled :

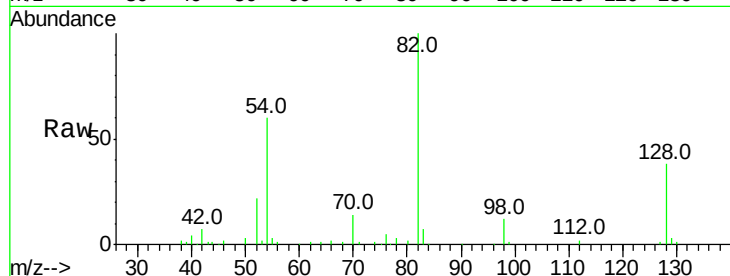
Tot Ion: 82 Resp: 235878

Ion Ratio Lower Upper

82 100

128 38.4 29.7 44.5

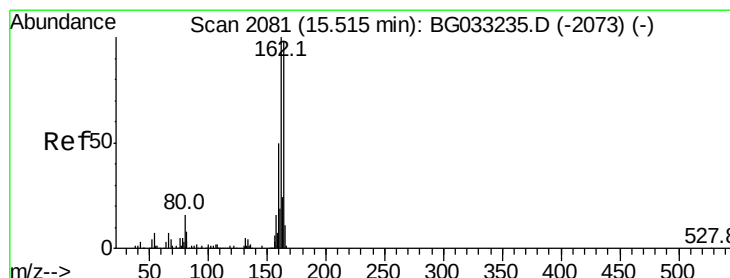
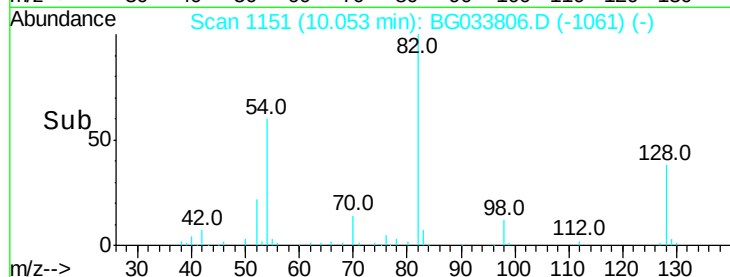
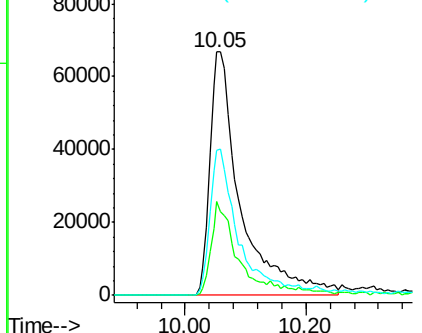
54 59.5 43.1 64.7



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: 15.46 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

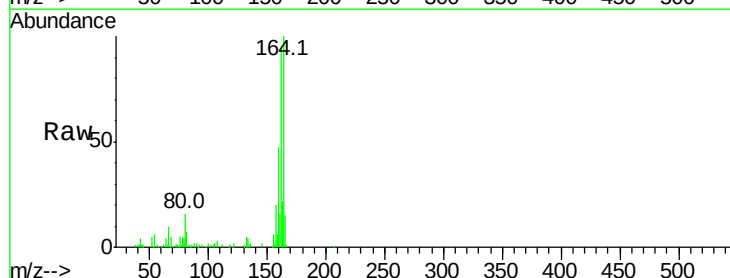
Tgt Ion:164 Resp: 83340

Ion Ratio Lower Upper

164 100

162 95.3 78.8 118.2

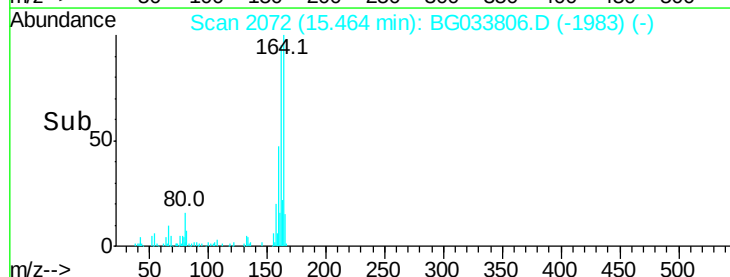
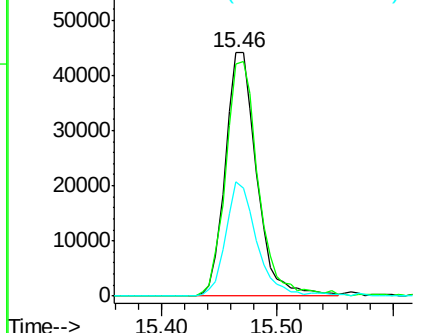
160 46.8 35.4 53.0

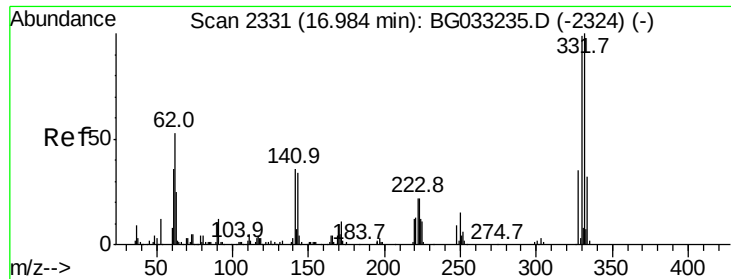


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

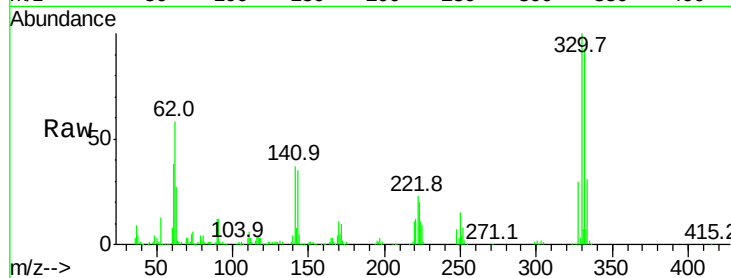




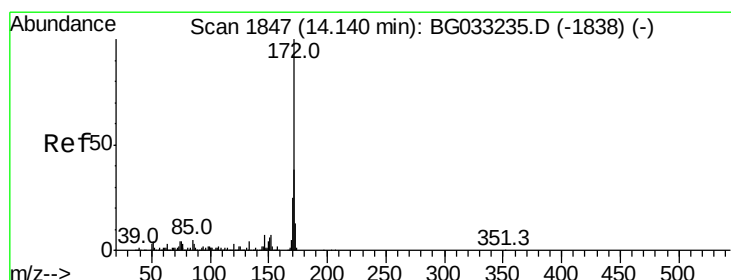
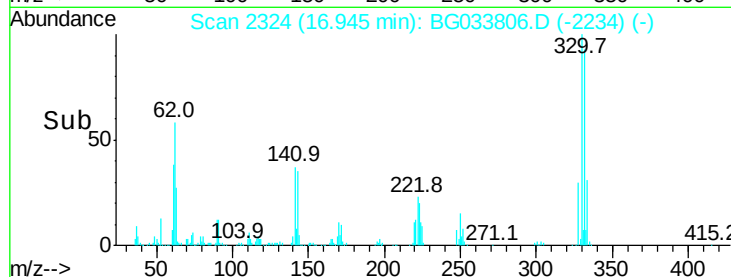
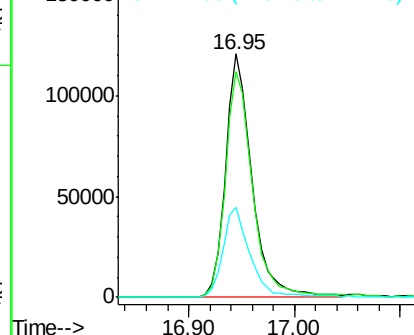
#41
 2,4,6-Tribromophenol
 Concen: 168.761 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 210352
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.4 25.2 37.8#

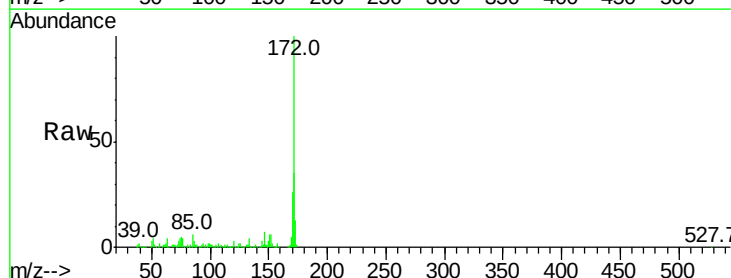


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

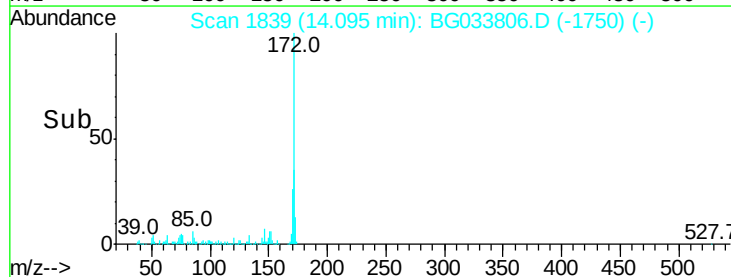
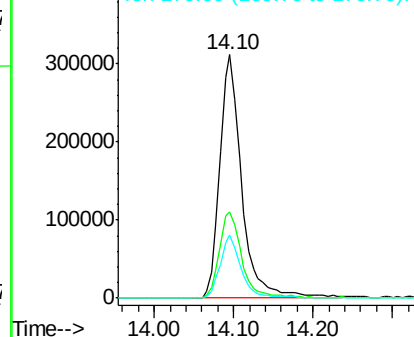


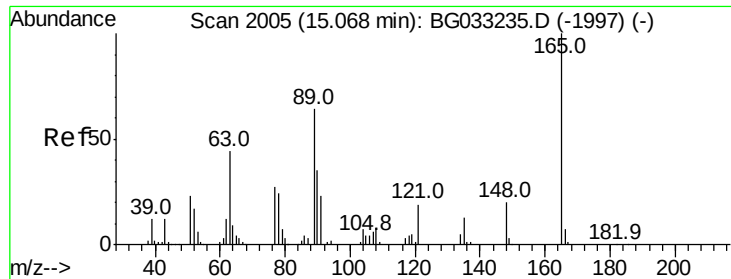
#44
 2-Fluorobiphenyl
 Concen: 103.861 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Tgt Ion:172 Resp: 599582
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 26.0 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

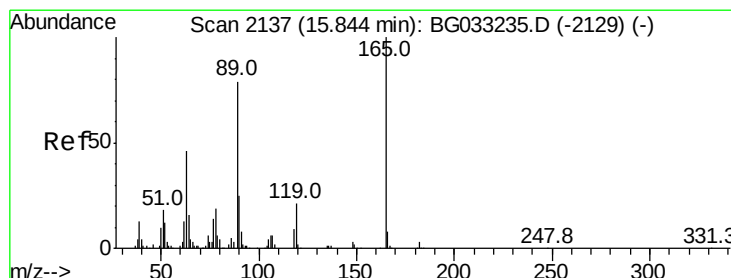
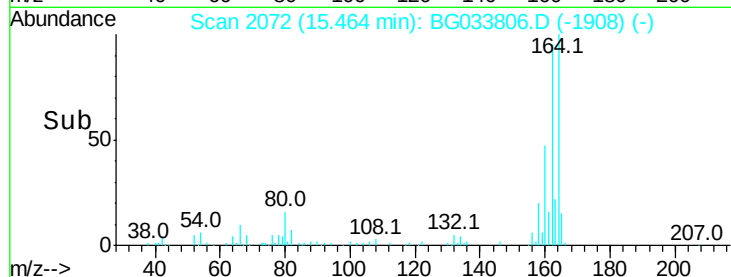
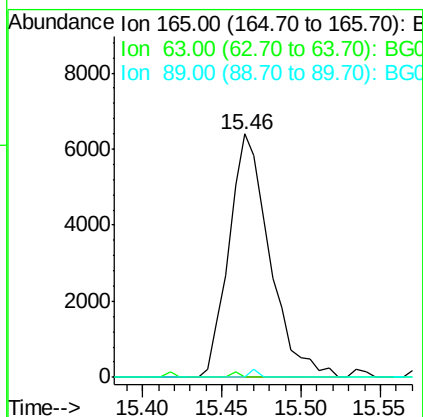
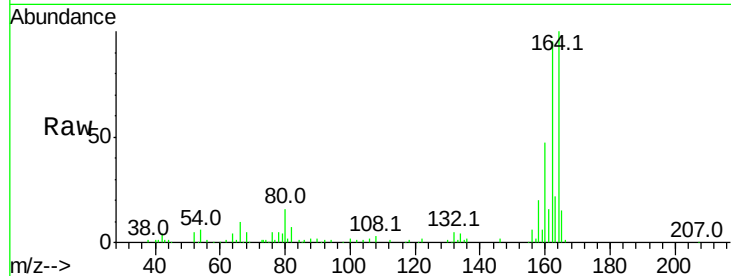




#50
 2,6-Dinitrotoluene
 Concen: 7.676 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.43 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

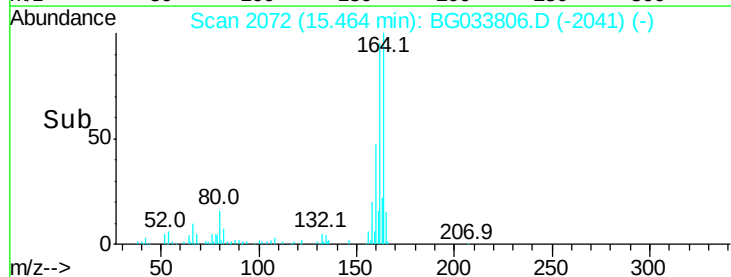
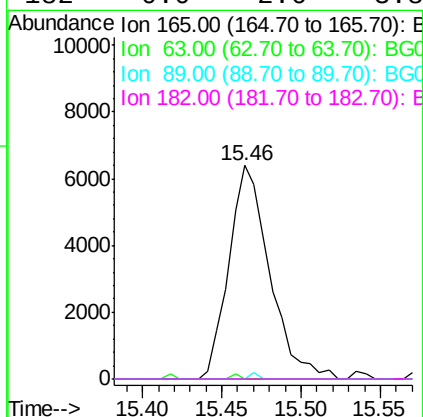
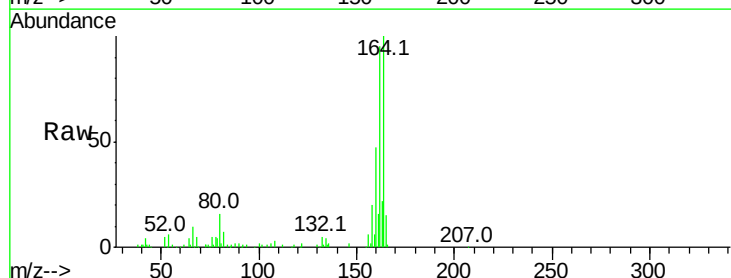
Instrument :
 BNA_G
 ClientSampleId :

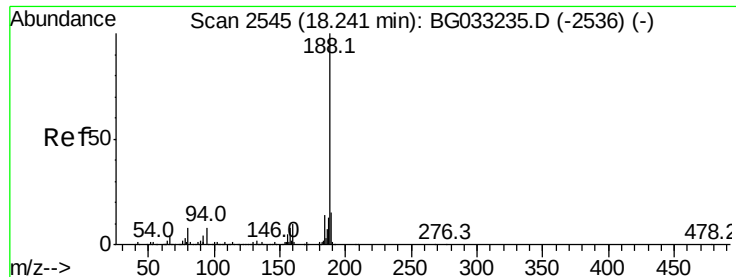
Tot Ion:165 Resp: 11383
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.213 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.35 min
 Lab File: BG033806.D
 Acq: 13 Apr 2018 21:16

Tgt Ion:165 Resp: 11383
 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

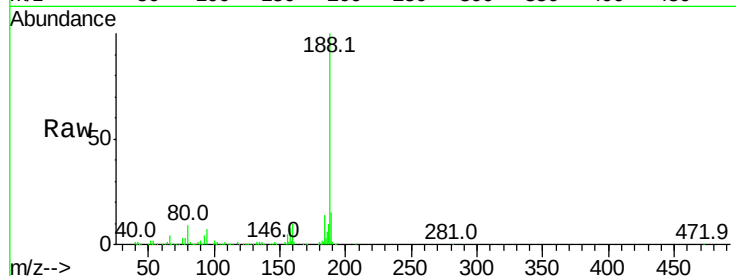
Tot Ion:188 Resp: 251182

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

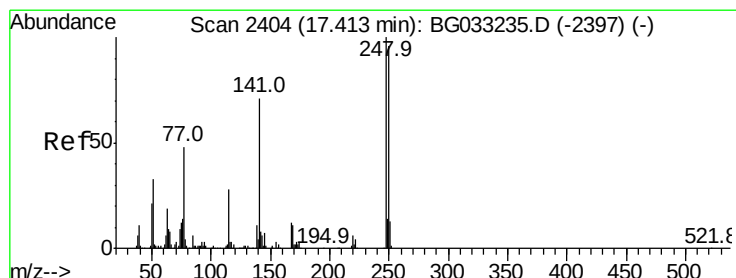
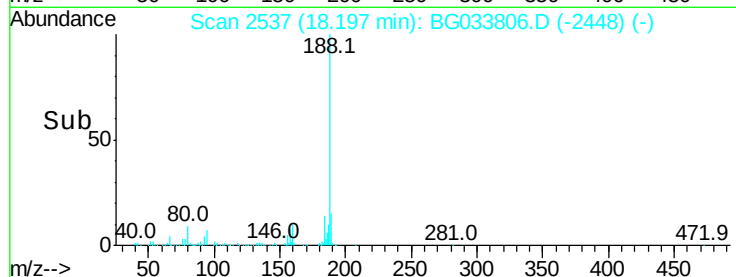
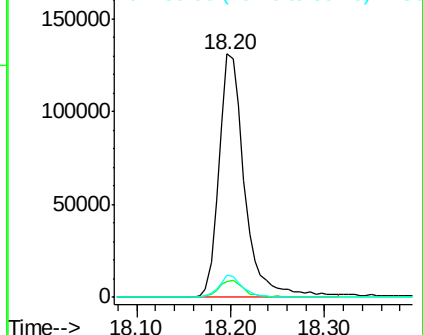
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.188 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

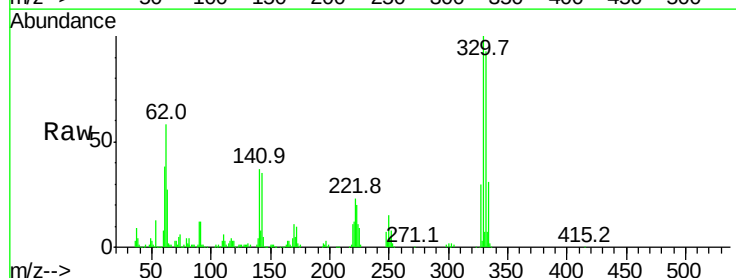
Tgt Ion:248 Resp: 15304

Ion Ratio Lower Upper

248 100

250 227.5 77.1 115.7#

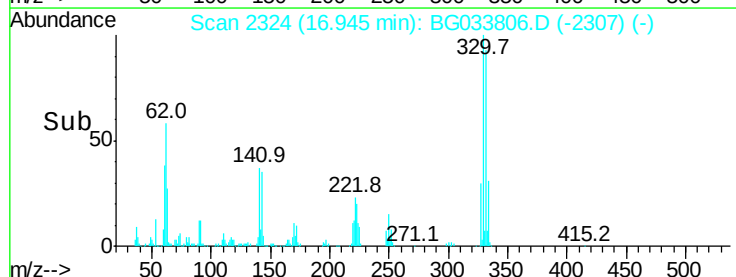
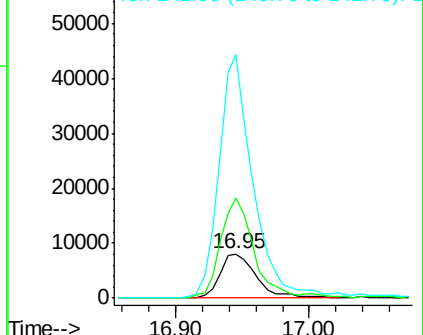
141 553.0 50.8 76.2#

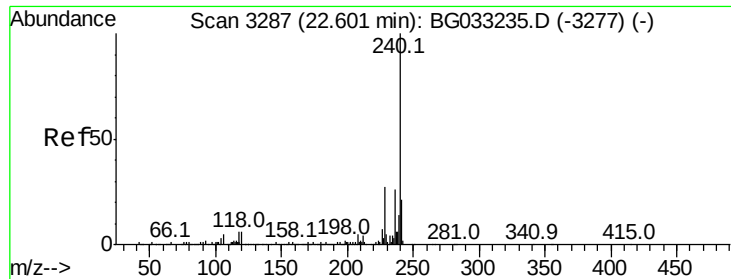


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

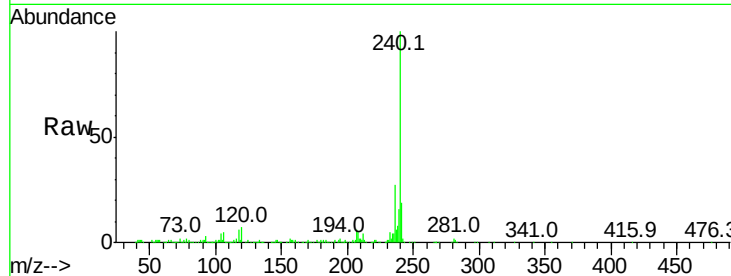
Tot Ion:240 Resp: 279487

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

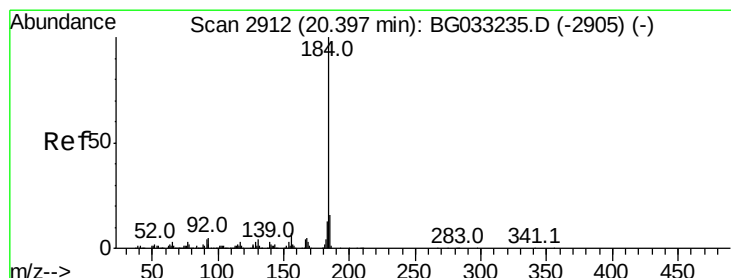
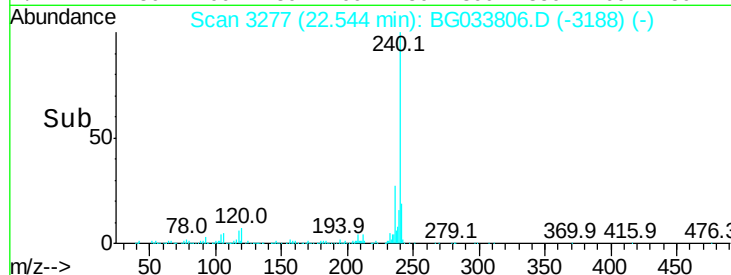
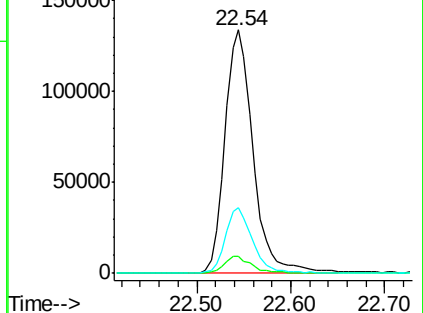
236 26.9 20.9 31.3



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: 3.188 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

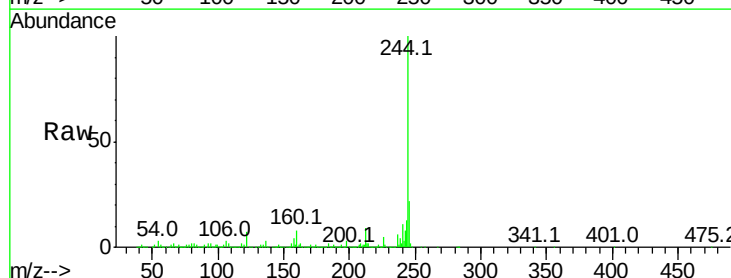
Tgt Ion:184 Resp: 24159

Ion Ratio Lower Upper

184 100

185 20.2 11.1 16.7#

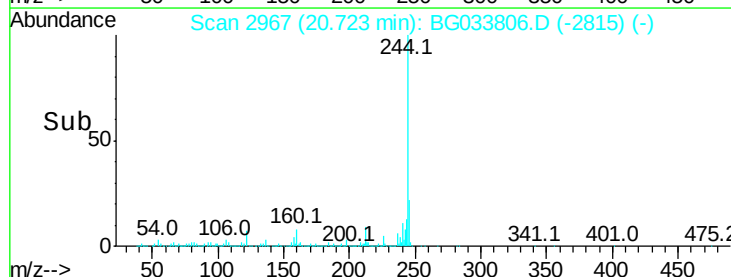
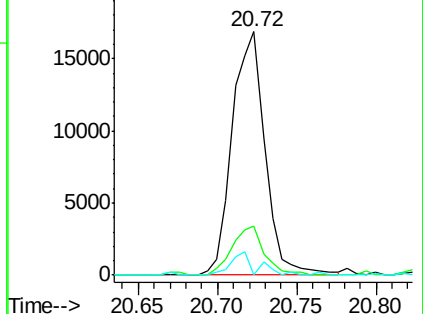
183 0.0 10.6 16.0#

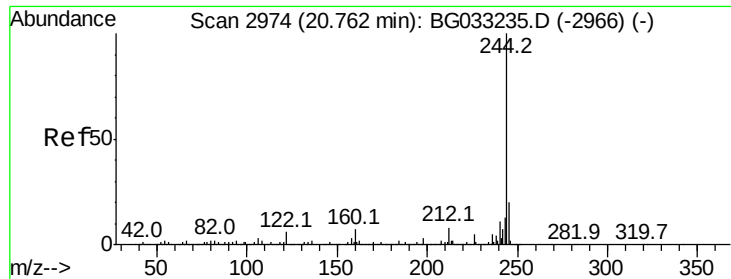


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 110.622 ng

RT: 20.72 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

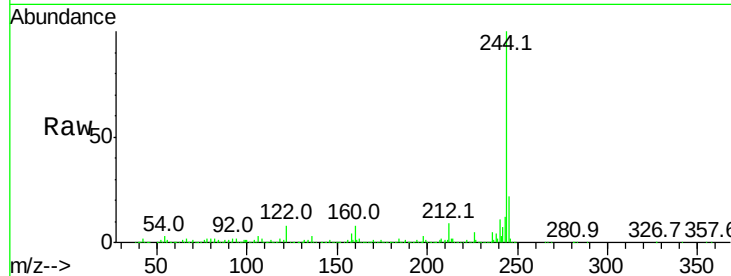
Tot Ion:244 Resp: 1445676

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

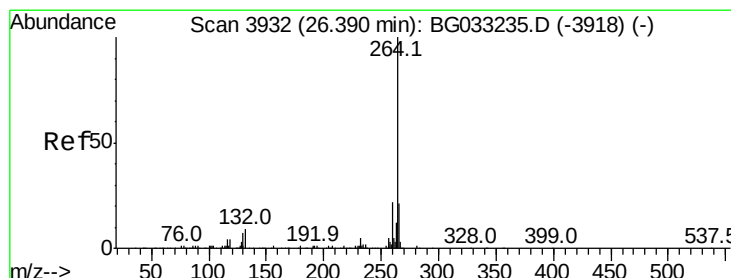
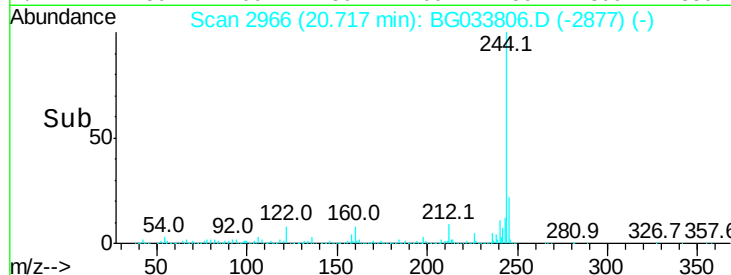
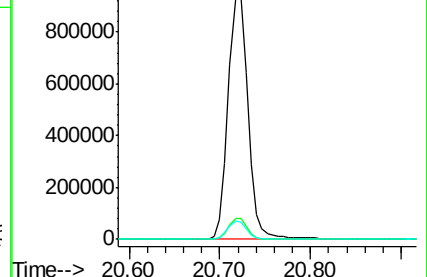
122 7.5 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033806.D

Acq: 13 Apr 2018 21:16

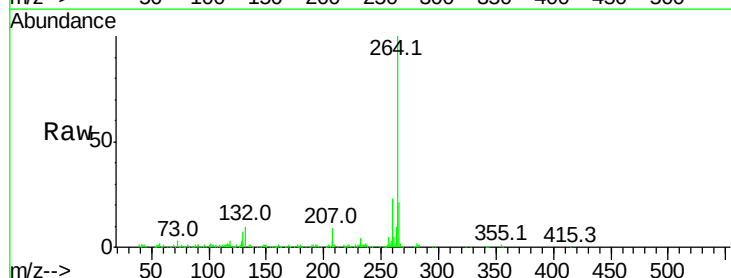
Tgt Ion:264 Resp: 301093

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.1 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

