

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033460.D
 Acq On : 30 Mar 2018 22:39
 Operator : SJ/JU
 Sample : J1755-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:25:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

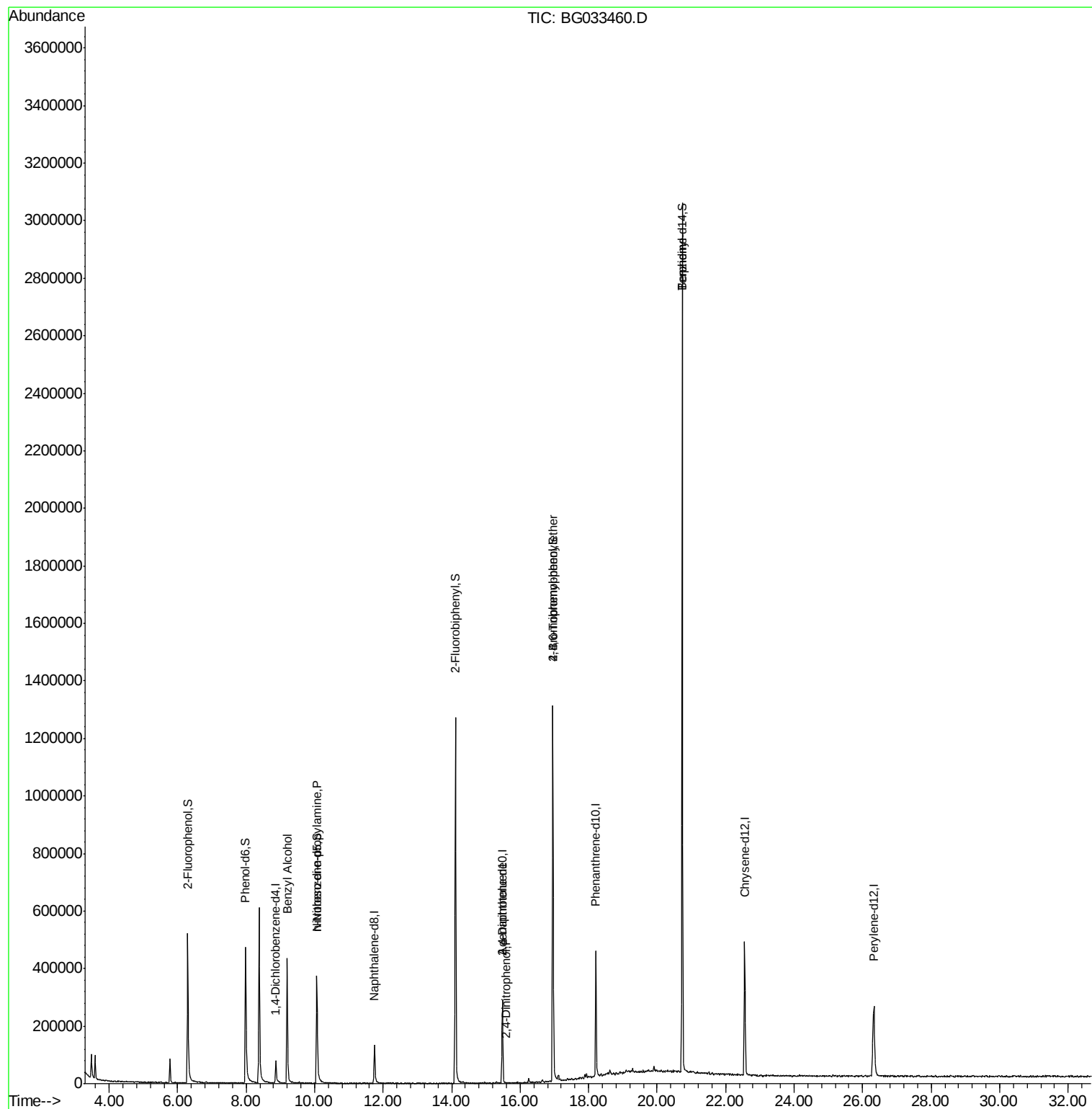
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29982	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	133137	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	109302	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317411	20.00	ng	0.00
75) Chrysene-d12	22.56	240	337920	20.00	ng	0.00
86) Perylene-d12	26.32	264	364662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255704	159.92	ng	0.00
7) Phenol-d6	7.98	99	358677	130.56	ng	0.00
23) Nitrobenzene-d5	10.06	82	298382	102.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	266093	162.77	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	727680	96.11	ng	0.00
78) Terphenyl-d14	20.73	244	1551519	98.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4727	2.185	ng	# 60
19) n-Nitroso-di-n-propylamine	10.06	70	38973	19.360	ng	# 76
53) 2,4-Dinitrophenol	15.58	184	65	7.701	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13722	4.792	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	20920	5.612	ng	# 1
76) Benzidine	20.73	184	26966	2.943	ng	# 94

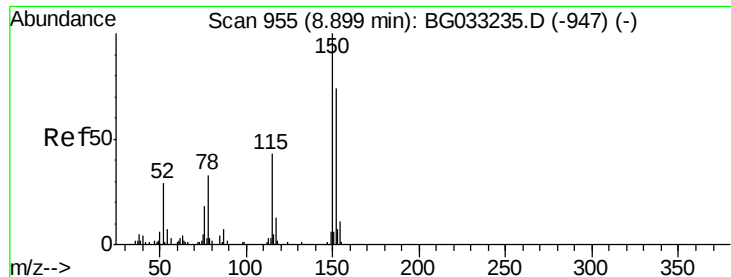
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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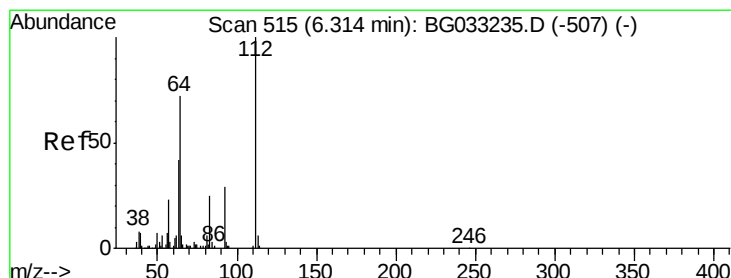
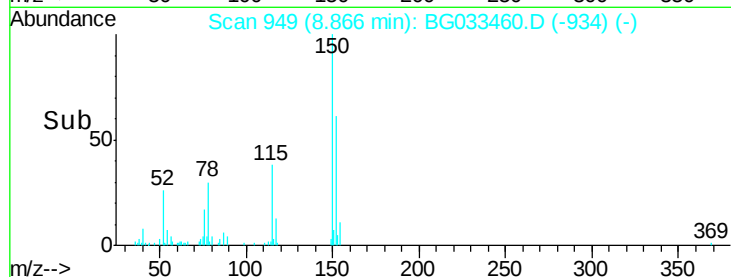
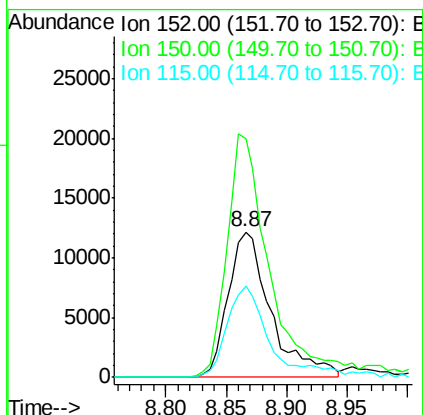
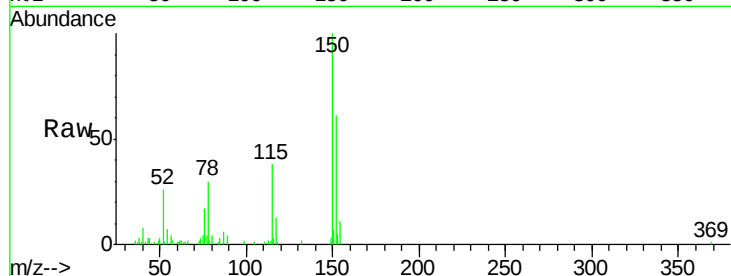


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033460.D
Acq: 30 Mar 2018 22:39

Instrument :
BNA_G
ClientSampleId :

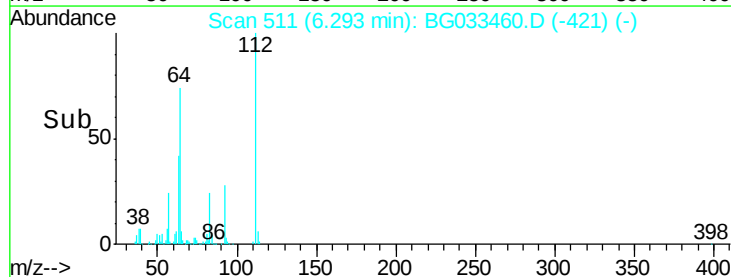
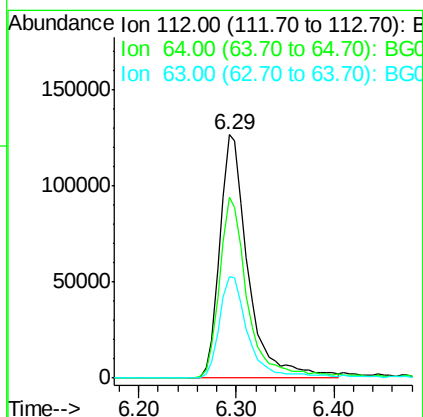
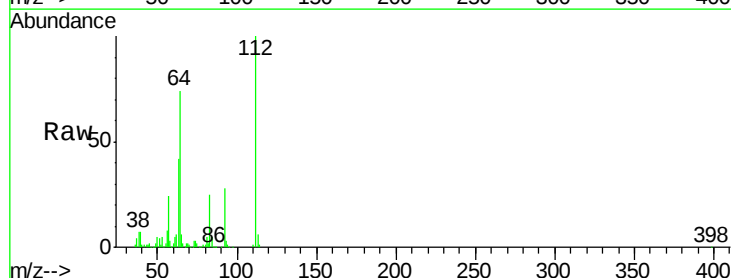
Tot Ion:152 Resp: 29982
Ion Ratio Lower Upper
152 100
150 164.0 126.6 189.8
115 62.5 53.0 79.4

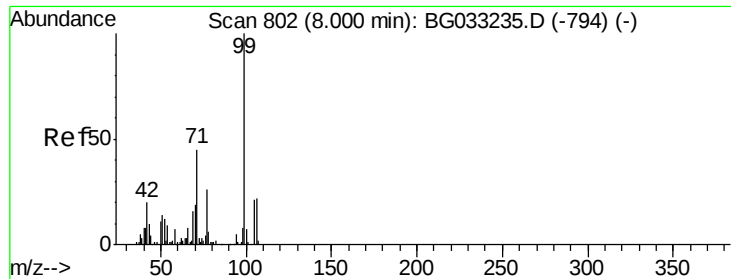


#5

2-Fluorophenol
Concen: 159.921 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033460.D
Acq: 30 Mar 2018 22:39

Tgt Ion:112 Resp: 255704
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 41.6 30.1 45.1





#7

Phenol-d6

Concen: 130.556 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Instrument :

BNA_G

ClientSampleId :

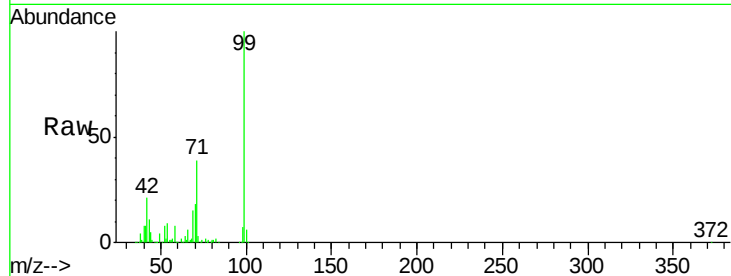
Tot Ion: 99 Resp: 358677

Ion Ratio Lower Upper

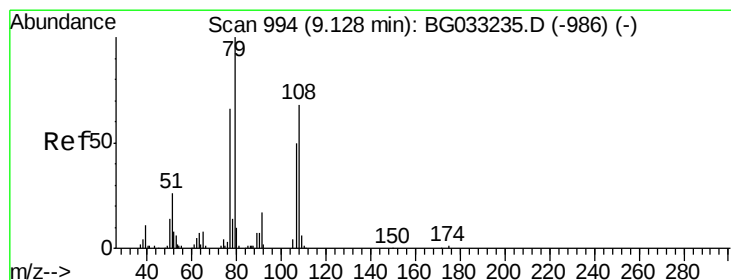
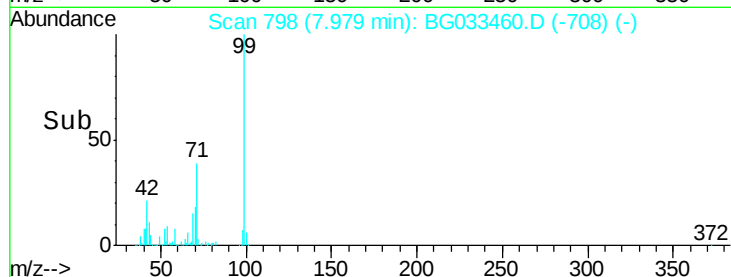
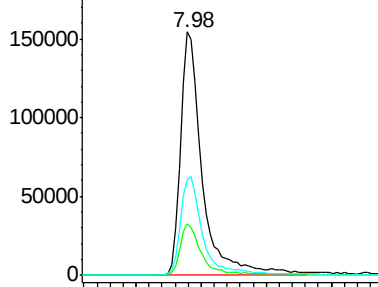
99 100

42 21.0 14.1 21.1

71 39.2 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: 2.185 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

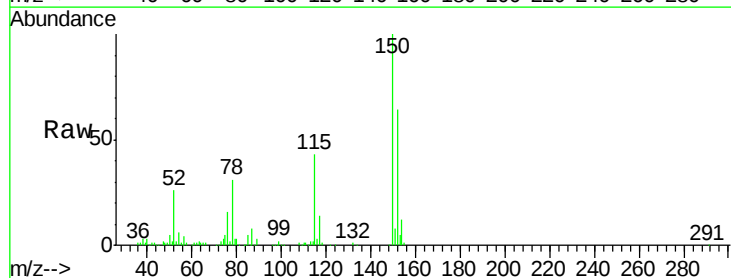
Tgt Ion: 79 Resp: 4727

Ion Ratio Lower Upper

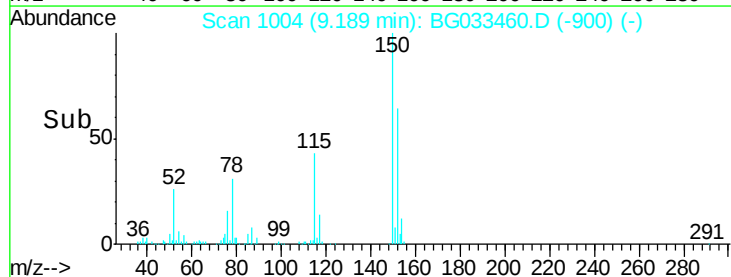
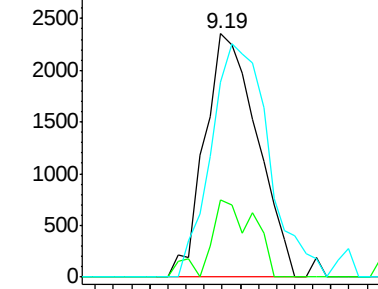
79 100

108 31.8 57.2 85.8#

77 79.8 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

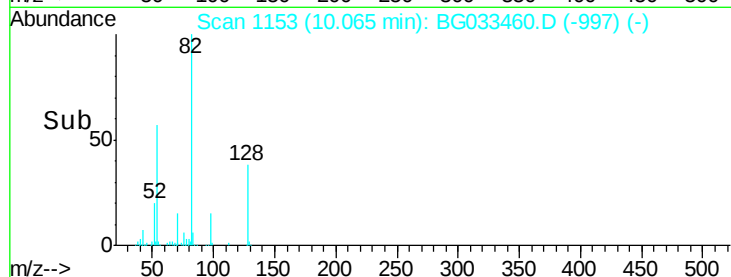
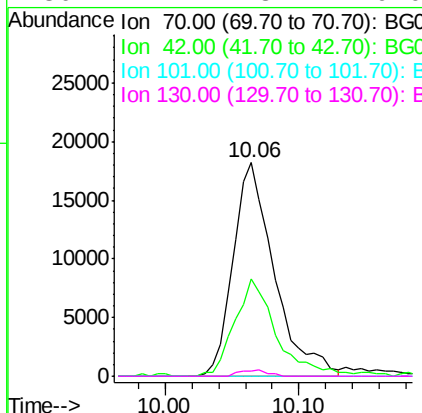
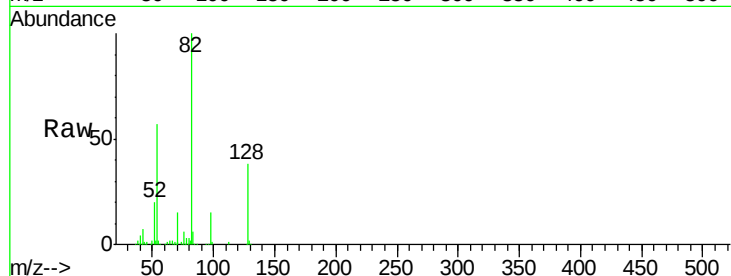




#19
n-Nitroso-di-n-propylamine
Concen: 19.360 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033460.D
Acq: 30 Mar 2018 22:39

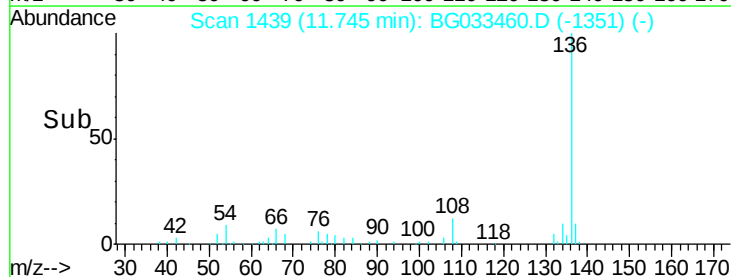
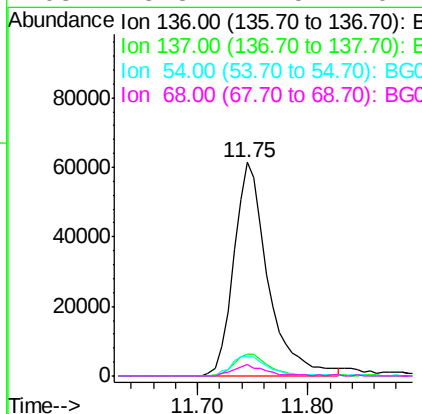
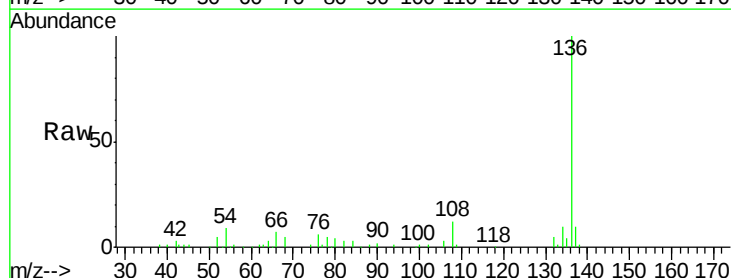
Instrument :
BNA_G
ClientSampleId :

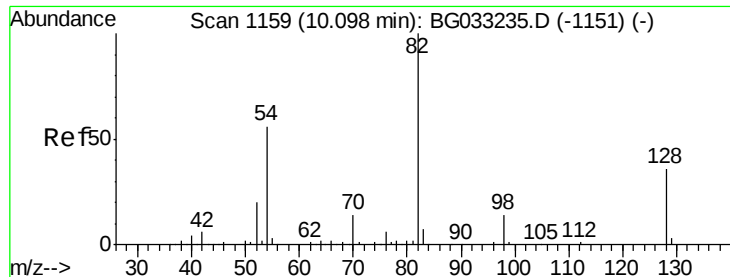
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033460.D
Acq: 30 Mar 2018 22:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	9.0	10.3	15.5#
68	5.3	4.5	6.7





#23

Nitrobenzene-d5

Concen: 102.968 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Instrument :

BNA_G

ClientSampleId :

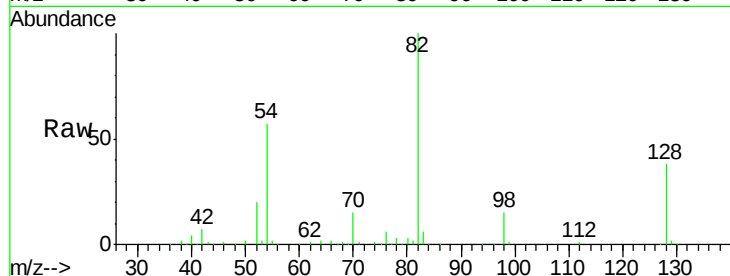
Tot Ion: 82 Resp: 298382

Ion Ratio Lower Upper

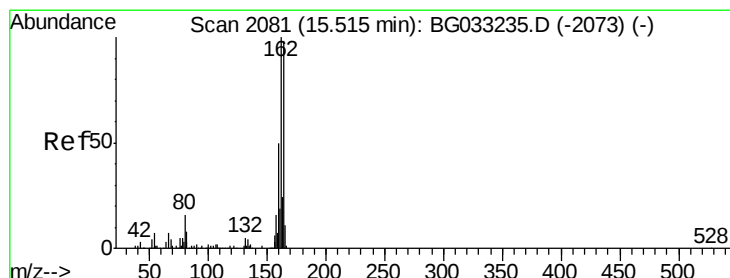
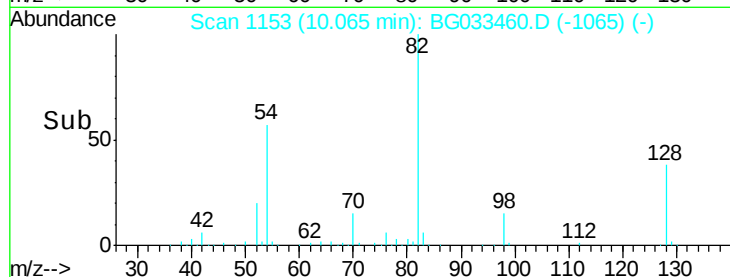
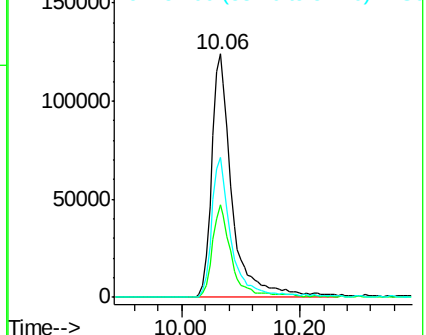
82 100

128 38.1 29.7 44.5

54 57.4 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

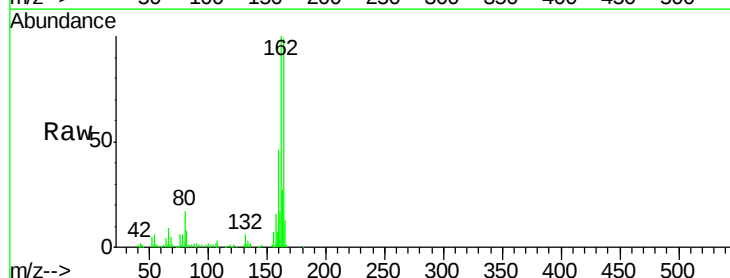
Tgt Ion:164 Resp: 109302

Ion Ratio Lower Upper

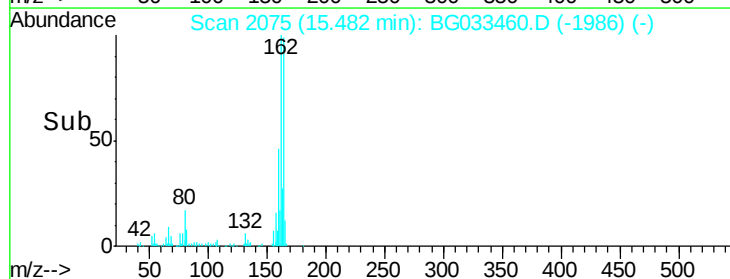
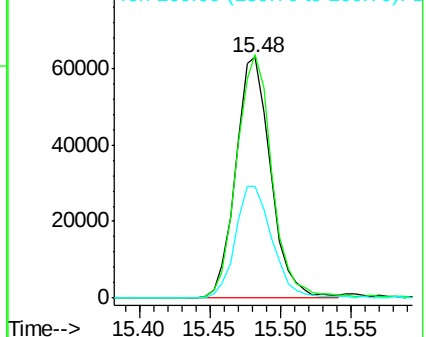
164 100

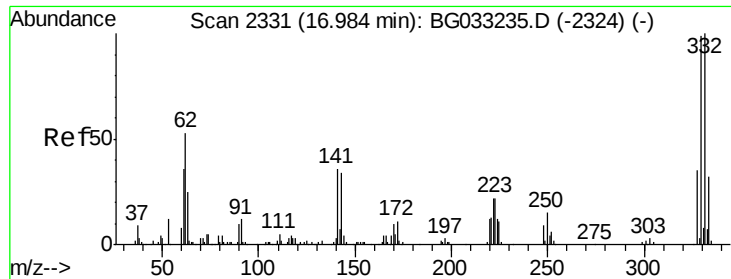
162 101.2 78.8 118.2

160 46.4 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

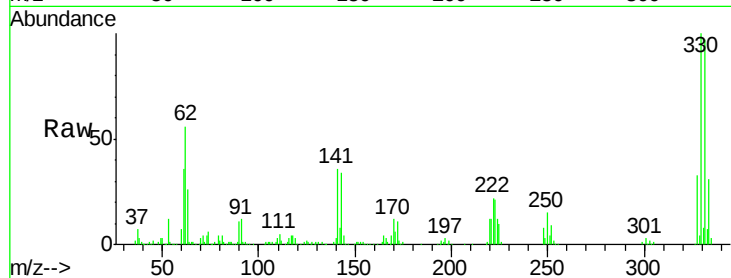




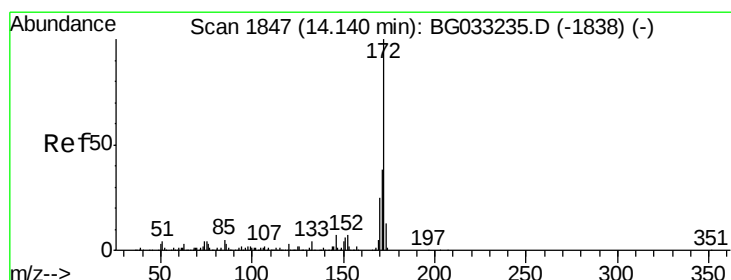
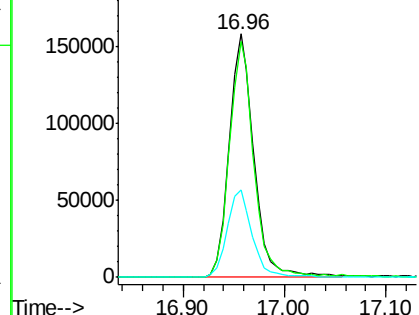
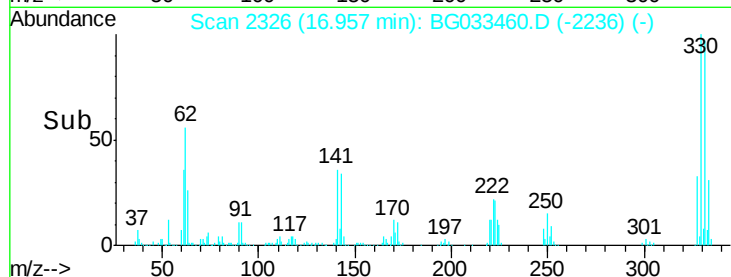
#41
 2,4,6-Tribromophenol
 Concen: 162.774 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033460.D
 Acq: 30 Mar 2018 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.1	25.2	37.8

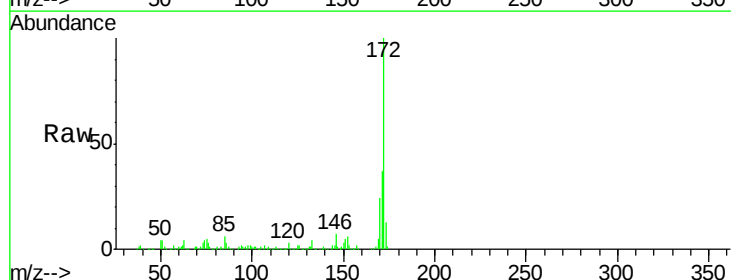


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

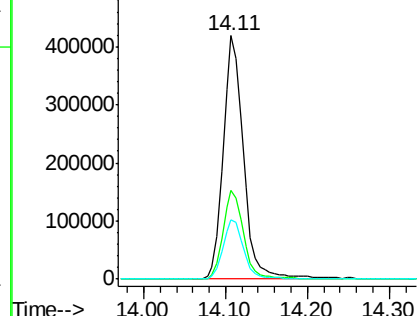
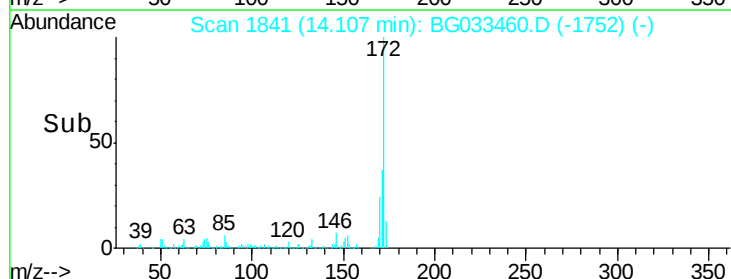


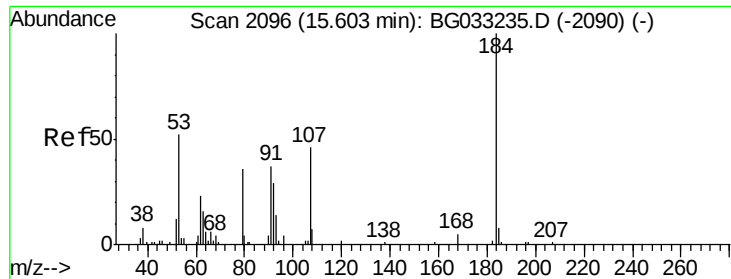
#44
 2-Fluorobiphenyl
 Concen: 96.110 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033460.D
 Acq: 30 Mar 2018 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.2	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: 7.701 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Instrument :

BNA_G

ClientSampled :

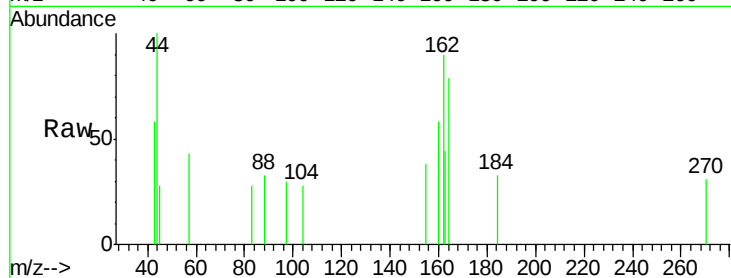
Tot Ion:184 Resp: 65

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

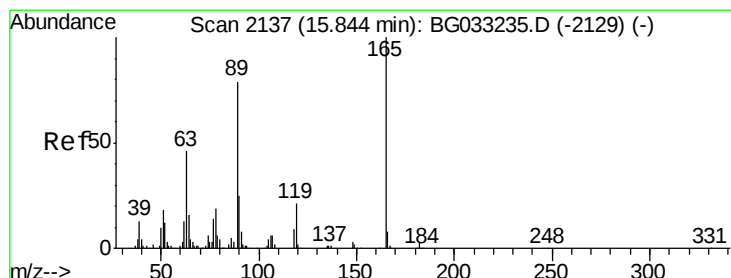
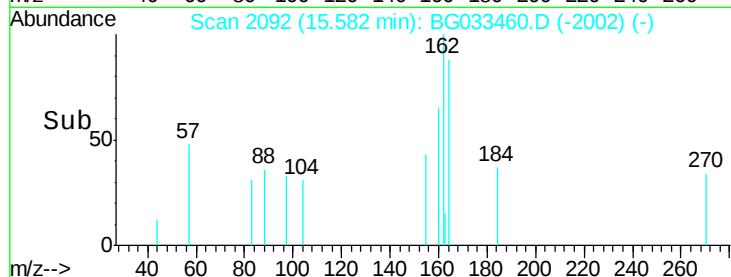
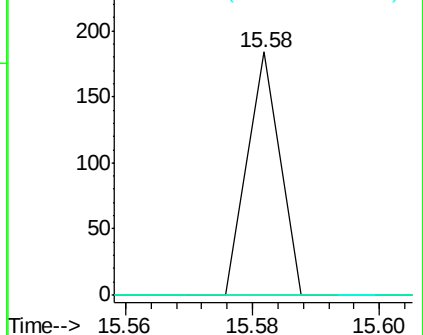
154 0.0 101.8 152.8#



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



#56

2,4-Dinitrotoluene

Concen: 4.792 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Tgt Ion:165 Resp: 13722

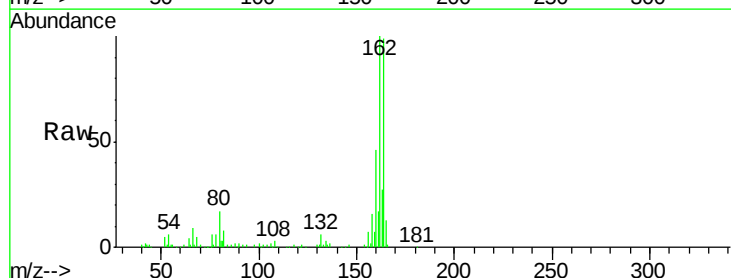
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 3.8 66.9 100.3#

182 0.0 2.6 3.8#

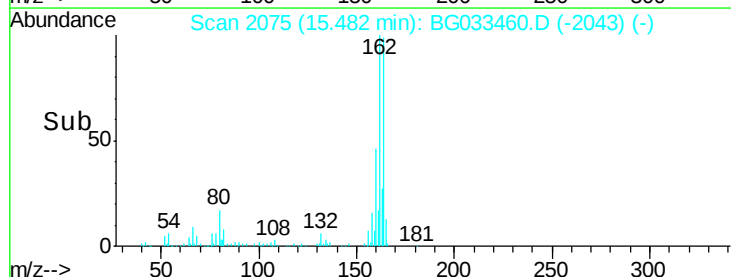
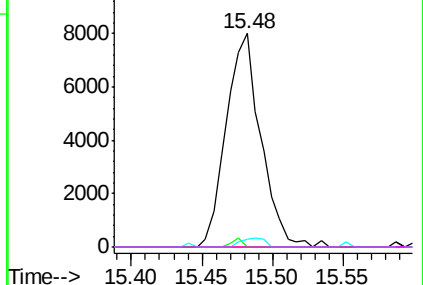


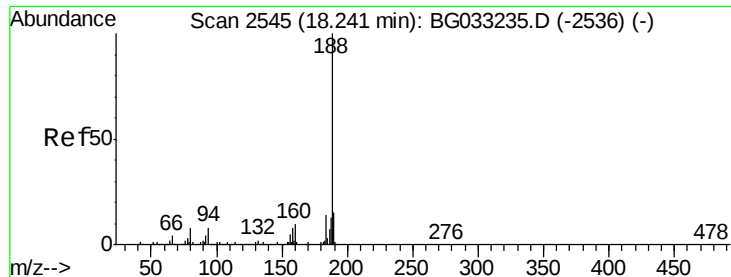
Abundance Ion 165.00 (164.70 to 165.70): E

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

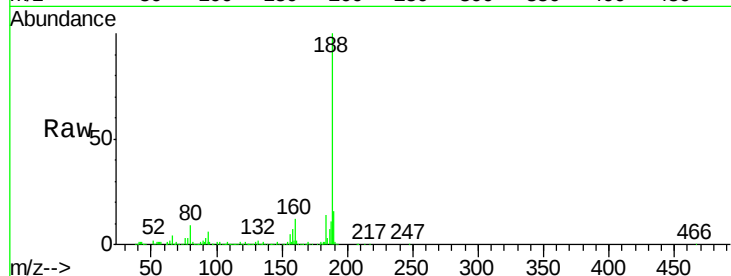




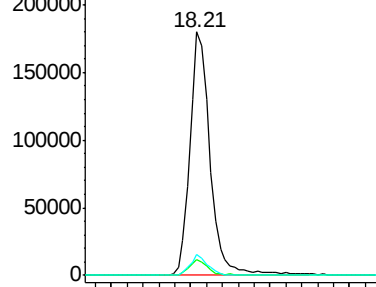
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033460.D
 Acq: 30 Mar 2018 22:39

Instrument :
 BNA_G
 ClientSampled :

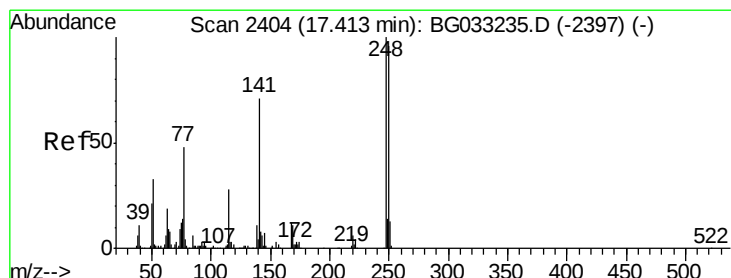
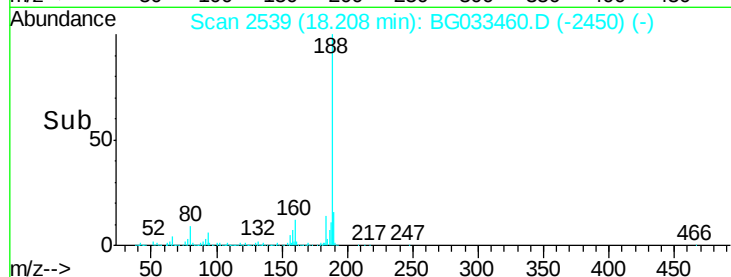
Tot Ion:188 Resp: 317411
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

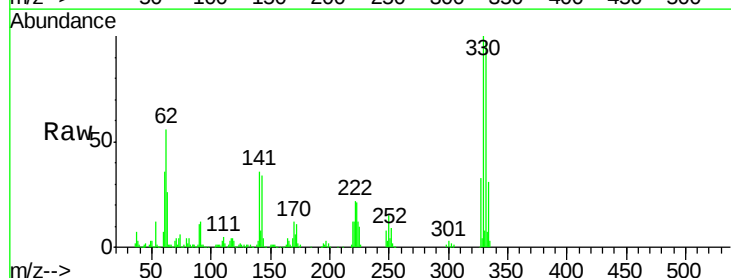


Time-->

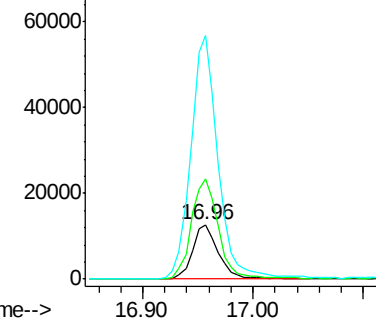


#66
 4-Bromophenyl-phenylether
 Concen: 5.612 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033460.D
 Acq: 30 Mar 2018 22:39

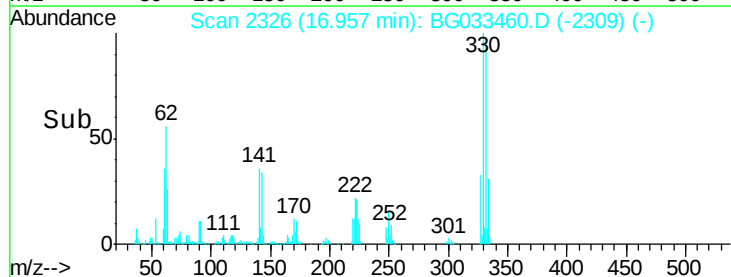
Tgt Ion:248 Resp: 20920
 Ion Ratio Lower Upper
 248 100
 250 185.7 77.1 115.7#
 141 449.3 50.8 76.2#

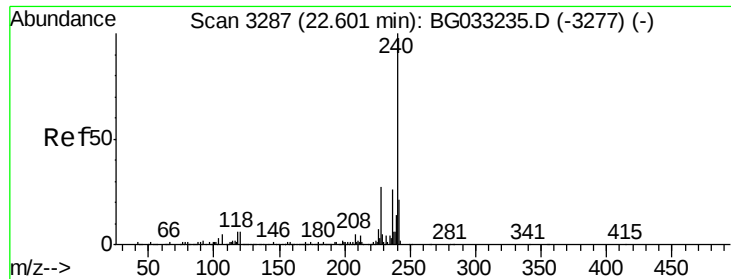


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Instrument :

BNA_G

ClientSampleId :

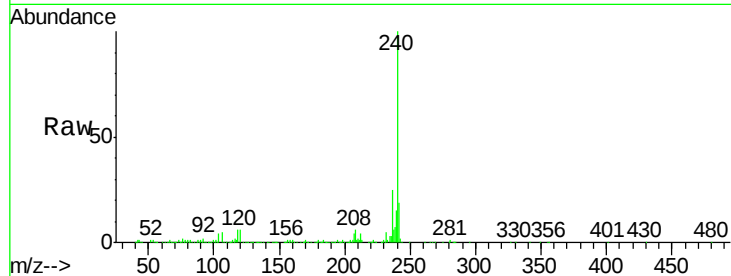
Tot Ion:240 Resp: 337920

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

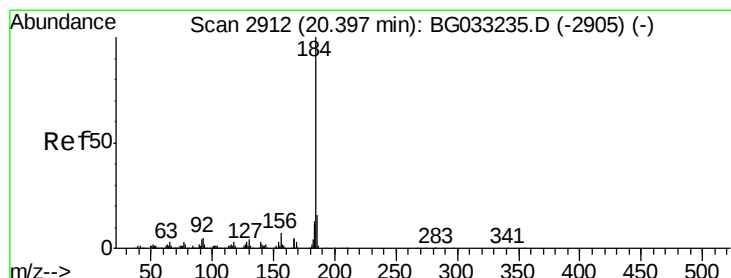
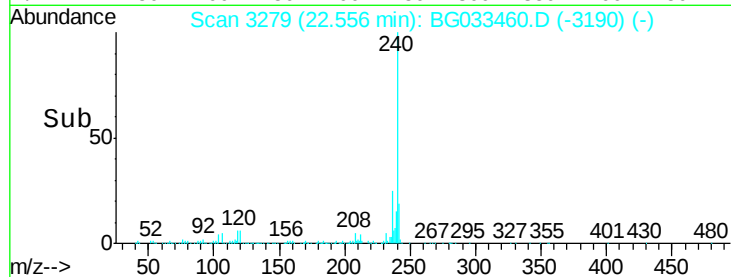
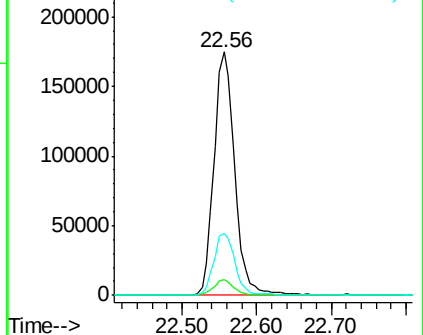
236 25.4 20.9 31.3



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: 2.943 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

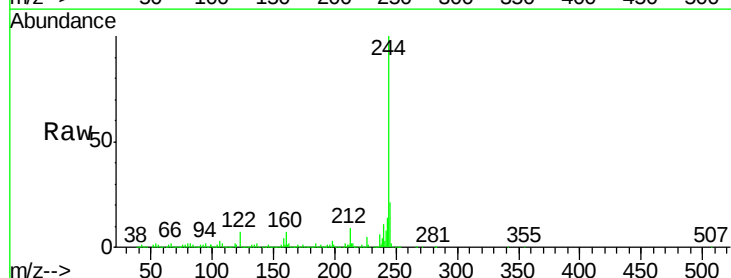
Tgt Ion:184 Resp: 26966

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

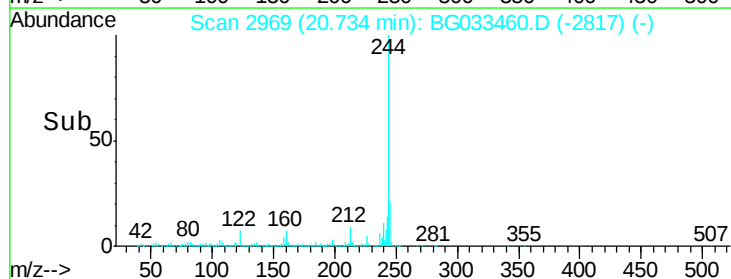
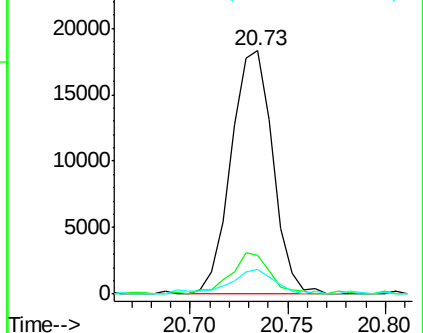
183 9.9 10.6 16.0#

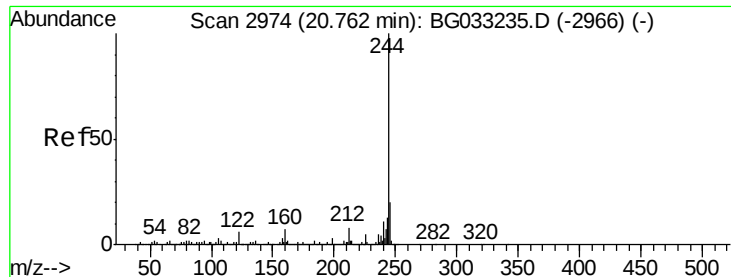


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 98.192 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

Instrument :

BNA_G

ClientSampled :

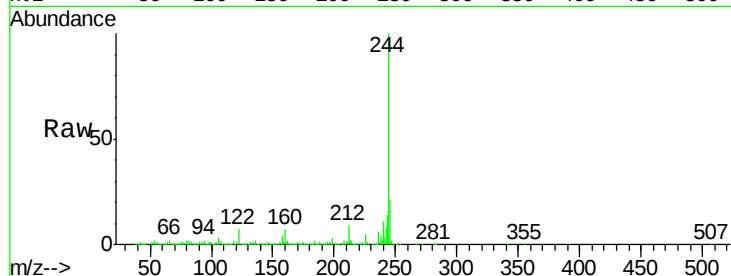
Tot Ion:244 Resp: 1551519

Ion Ratio Lower Upper

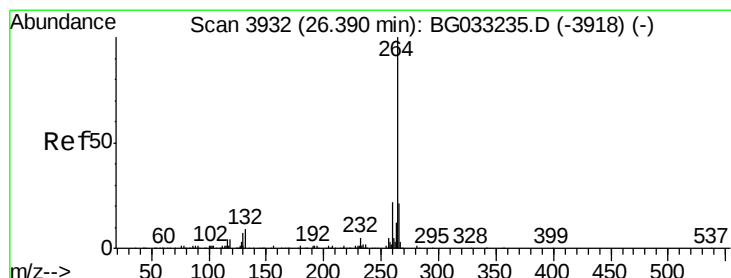
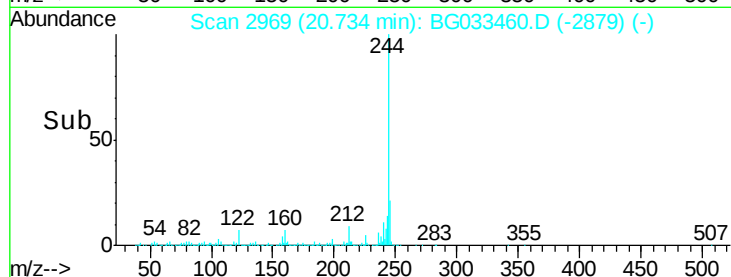
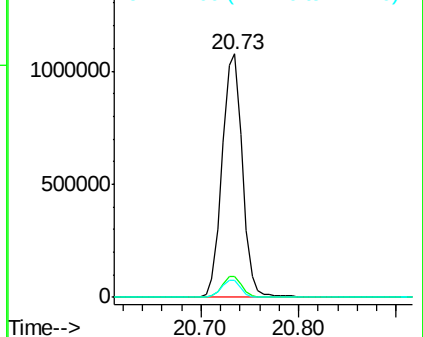
244 100

212 8.6 5.8 8.8

122 6.9 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: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033460.D

Acq: 30 Mar 2018 22:39

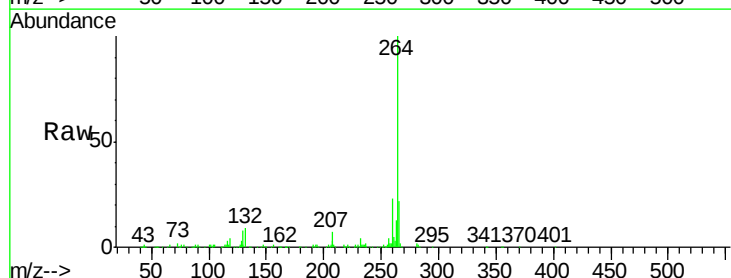
Tgt Ion:264 Resp: 364662

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 22.5 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

