

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033837.D
 Acq On : 17 Apr 2018 5:25
 Operator : SJ/JU
 Sample : J2391-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 06:38:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

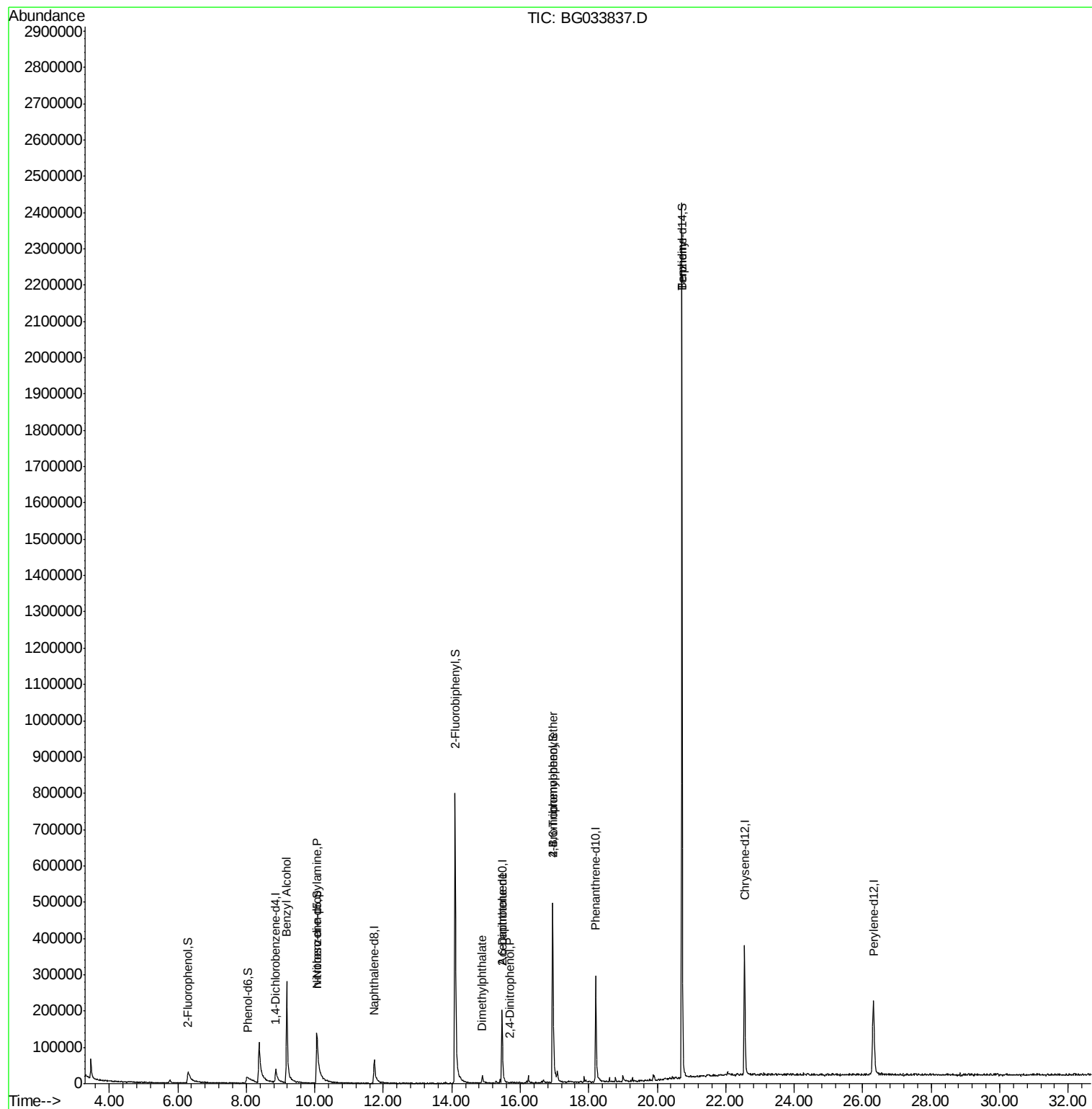
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	21091	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	100893	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	94017	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	270657	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282881	20.00	ng	0.00
86) Perylene-d12	26.31	264	302346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	35317	31.40	ng	0.00
7) Phenol-d6	8.04	99	17689	9.15	ng	0.05
23) Nitrobenzene-d5	10.06	82	210049	95.65	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	136634	97.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	611433	93.89	ng	0.00
78) Terphenyl-d14	20.72	244	1292573	97.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3623	2.381	ng	# 38
19) n-Nitroso-di-n-propylamine	10.06	70	24451	17.266	ng	# 75
49) Dimethylphthalate	14.89	163	21498	2.627	ng	# 91
50) 2,6-Dinitrotoluene	15.47	165	11121	6.647	ng	# 18
53) 2,4-Dinitrophenol	15.70	184	65	7.711	ng	# 1
66) 4-Bromophenyl-phenylether	16.95	248	10337	3.252	ng	# 1
76) Benzydine	20.73	184	21305	2.777	ng	# 91

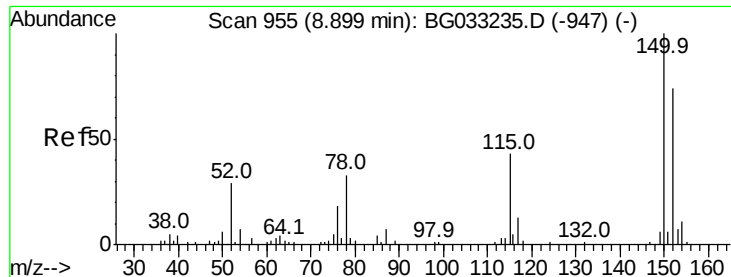
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033837.D
Acq On : 17 Apr 2018 5:25
Operator : SJ/JU
Sample : J2391-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 17 06:38:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration



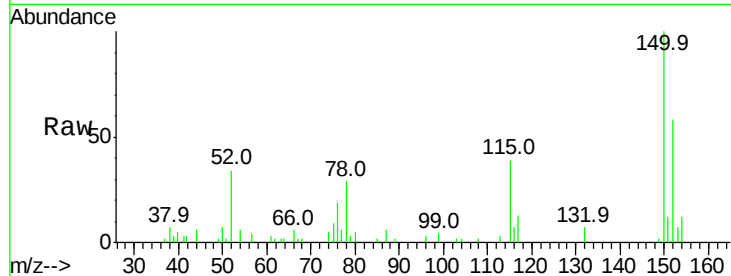


#1

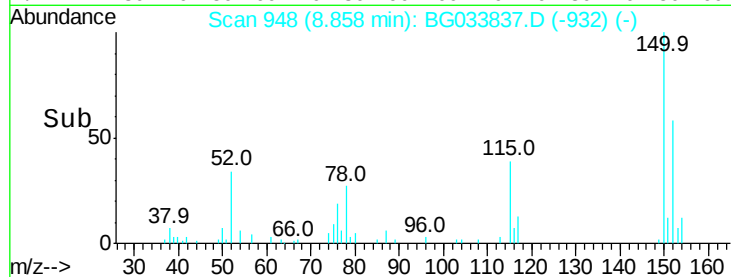
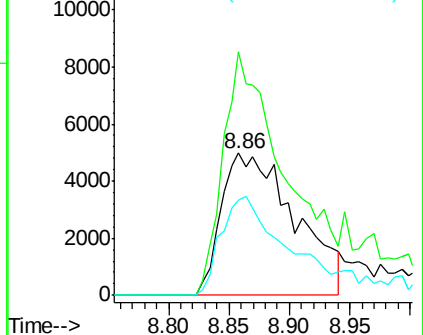
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21091
Ion Ratio Lower Upper
152 100
150 171.2 126.6 189.8
115 66.9 53.0 79.4



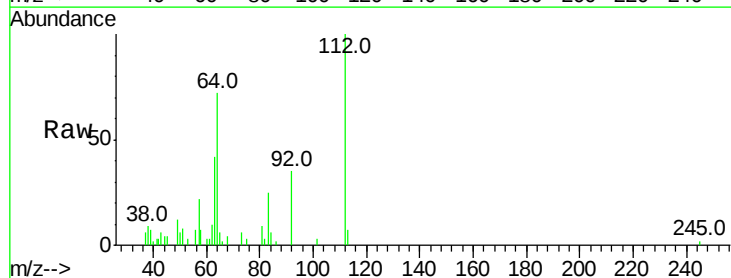
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



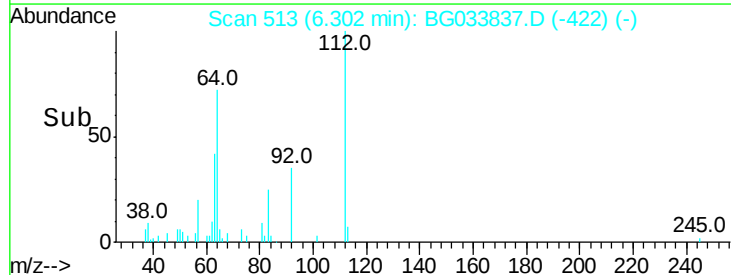
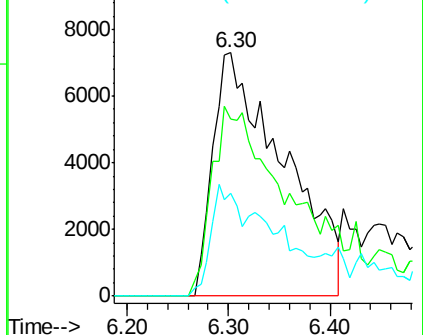
#5

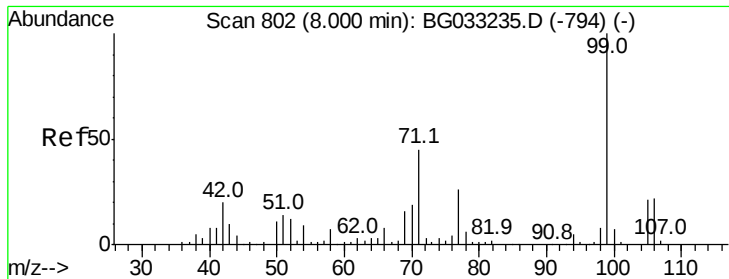
2-Fluorophenol
Concen: 31.399 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

Tgt Ion:112 Resp: 35317
Ion Ratio Lower Upper
112 100
64 72.5 56.3 84.5
63 42.0 30.1 45.1



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





#7

Phenol-d6

Concen: 9.153 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.05 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

Instrument :

BNA_G

ClientSampleId :

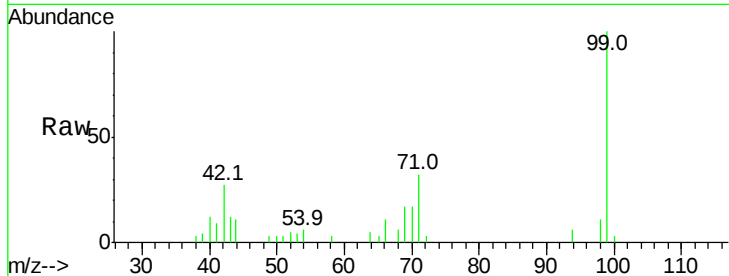
Tot Ion: 99 Resp: 17689

Ion Ratio Lower Upper

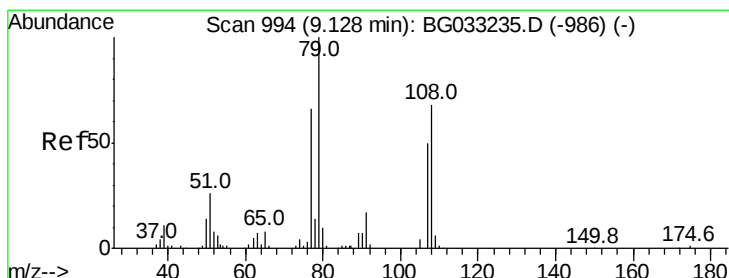
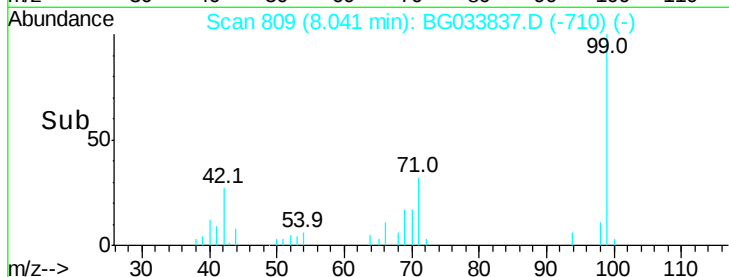
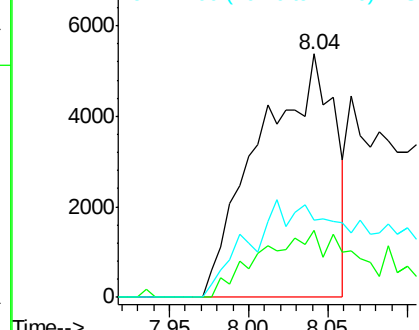
99 100

42 27.5 14.1 21.1#

71 31.7 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: 2.381 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.06 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

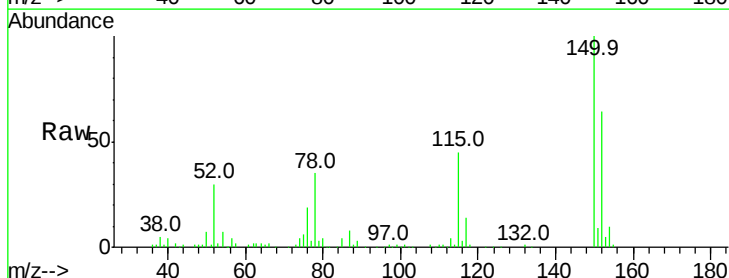
Tgt Ion: 79 Resp: 3623

Ion Ratio Lower Upper

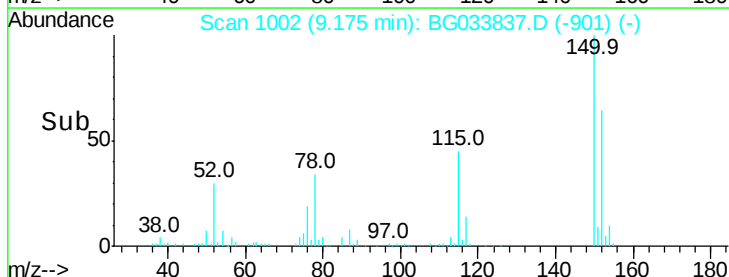
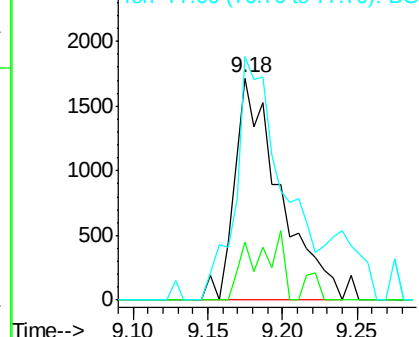
79 100

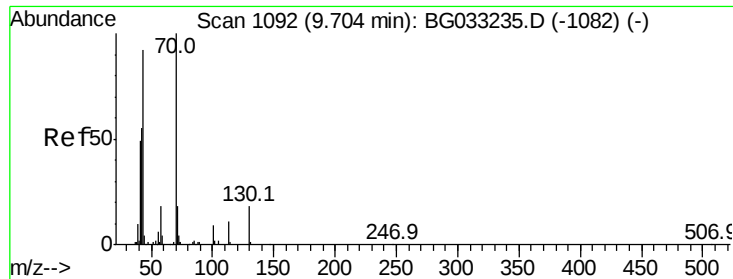
108 26.0 57.2 85.8#

77 109.7 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

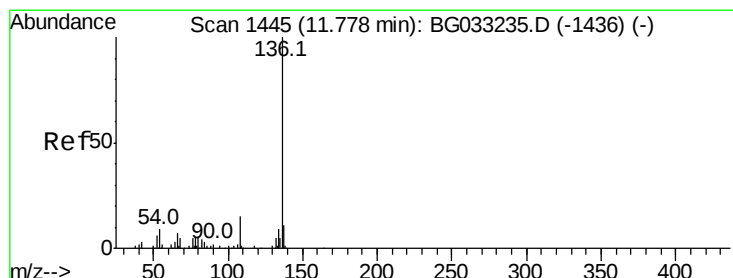
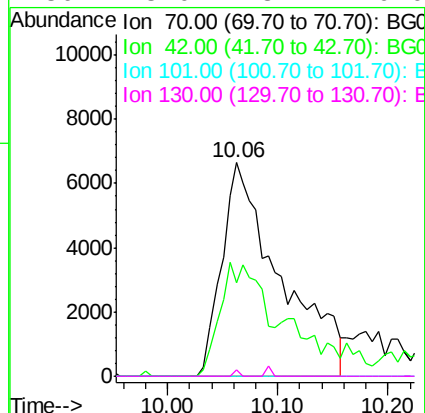
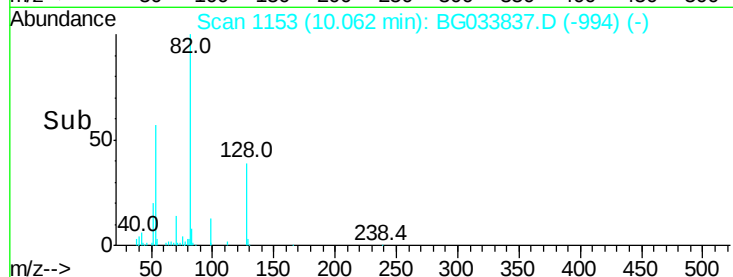
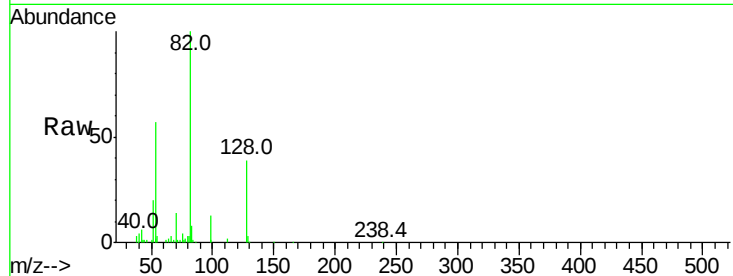




#19
n-Nitroso-di-n-propylamine
Concen: 17.266 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

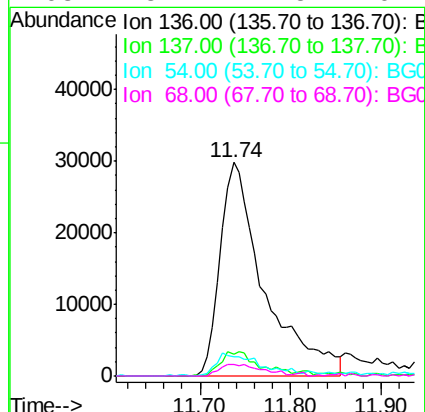
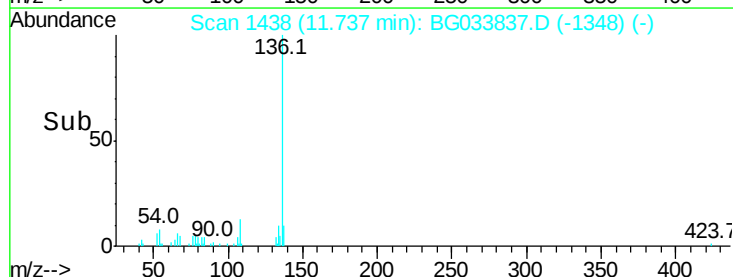
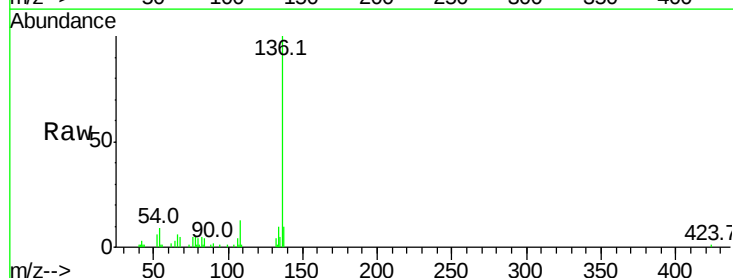
Instrument :
BNA_G
ClientSampleId :

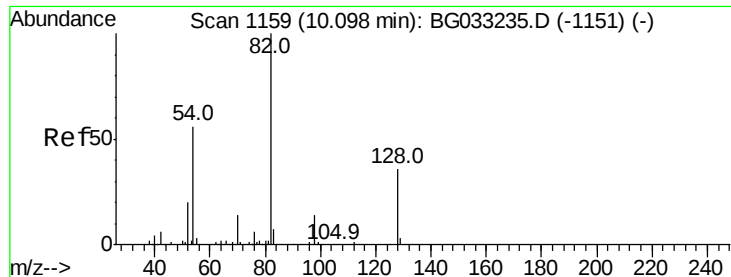
Tot Ion: 70 Resp: 24451
Ion Ratio Lower Upper
70 100
42 43.7 49.1 73.7#
101 0.0 8.5 12.7#
130 3.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

Tgt Ion: 136 Resp: 100893
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 9.6 10.3 15.5#
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 95.651 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

Instrument :

BNA_G

ClientSampleId :

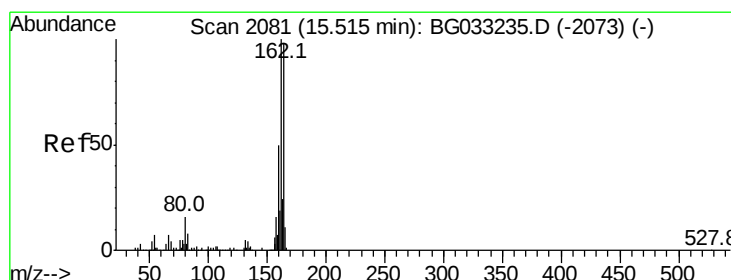
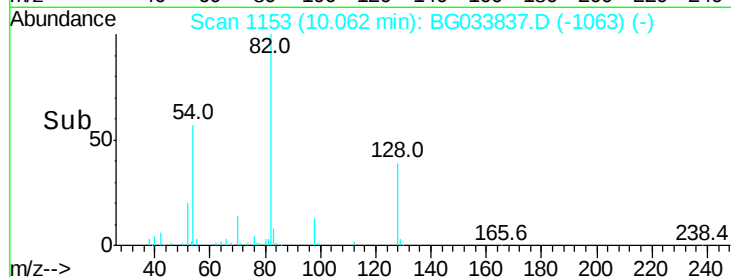
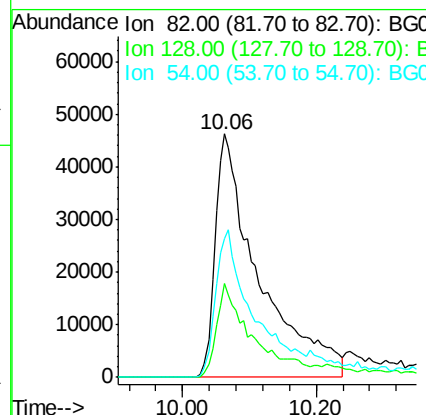
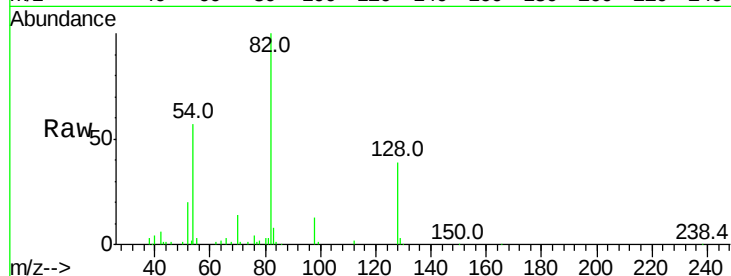
Tot Ion: 82 Resp: 210049

Ion Ratio Lower Upper

82 100

128 38.7 29.7 44.5

54 57.0 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

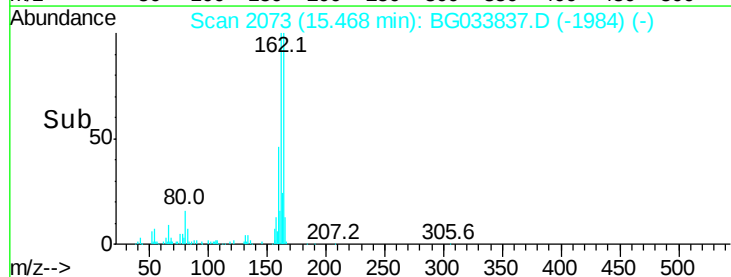
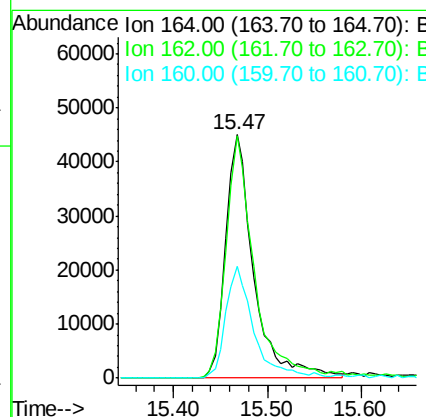
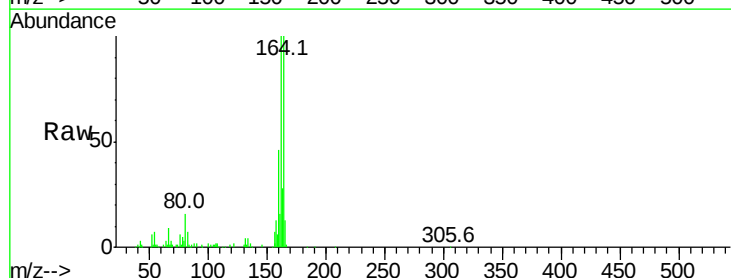
Tgt Ion:164 Resp: 94017

Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

160 45.9 35.4 53.0

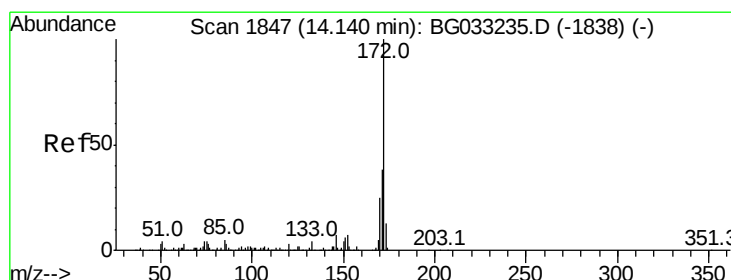
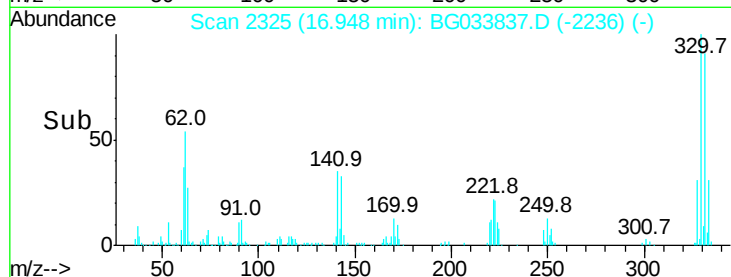
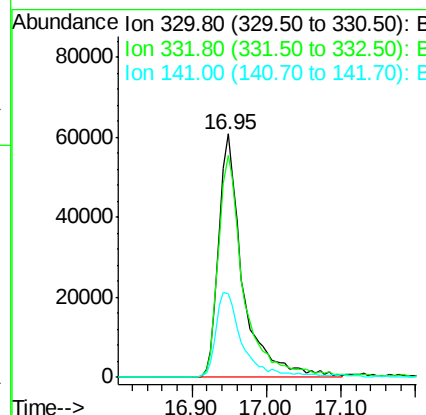
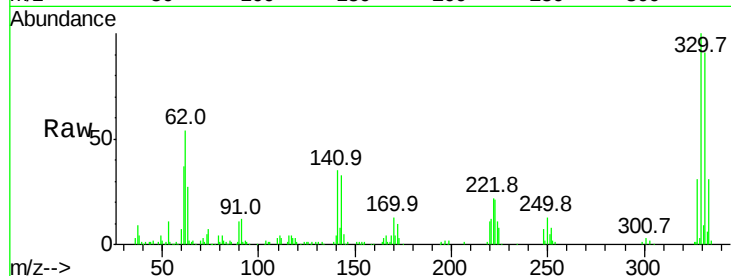




#41
 2,4,6-Tribromophenol
 Concen: 97.170 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033837.D
 Acq: 17 Apr 2018 5:25

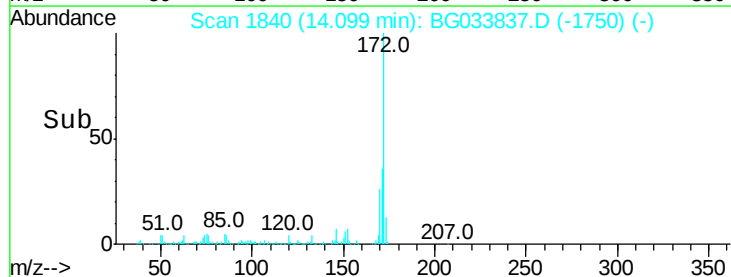
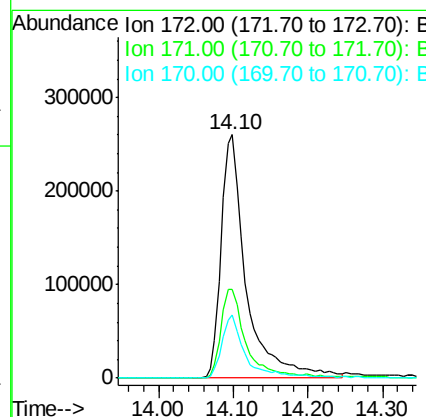
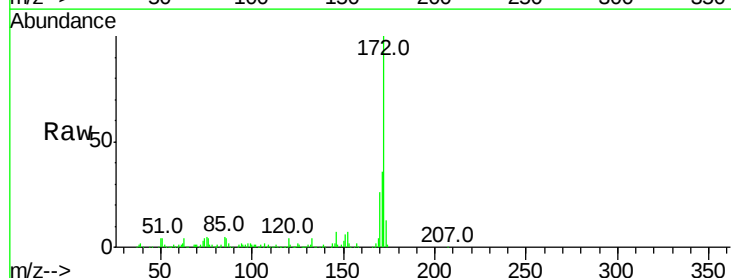
Instrument :
 BNA_G
 ClientSampleId :

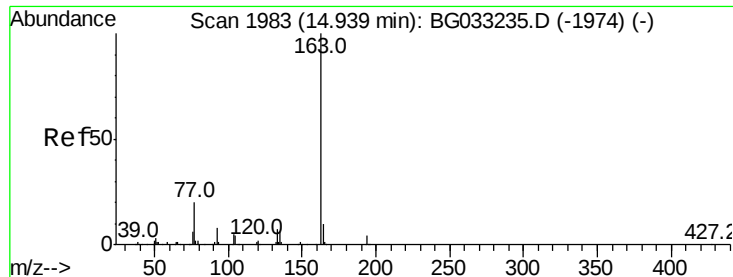
Tot Ion:330 Resp: 136634
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 38.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 93.886 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033837.D
 Acq: 17 Apr 2018 5:25

Tgt Ion:172 Resp: 611433
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 25.7 19.5 29.3





#49

Dimethylphthalate

Concen: 2.627 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

Instrument :

BNA_G

ClientSampleId :

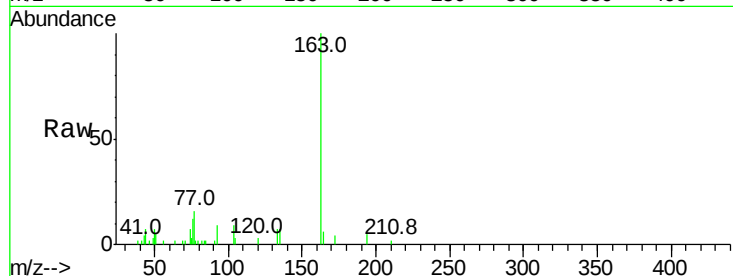
Tot Ion:163 Resp: 21498

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

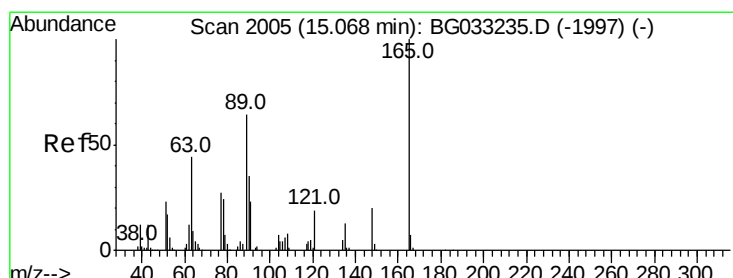
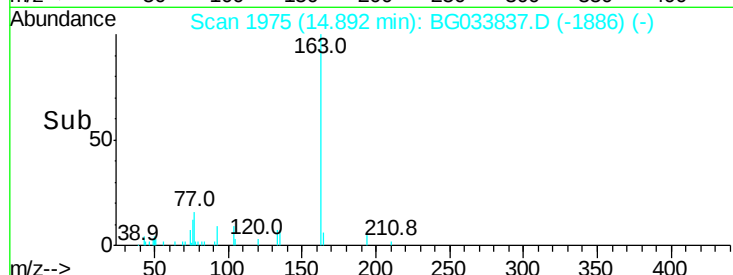
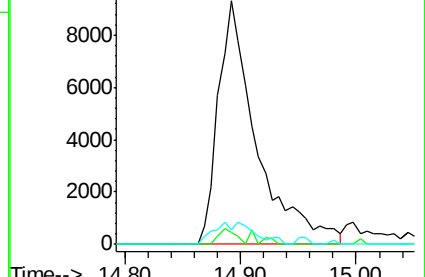
164 5.7 8.2 12.4#



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: 6.647 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

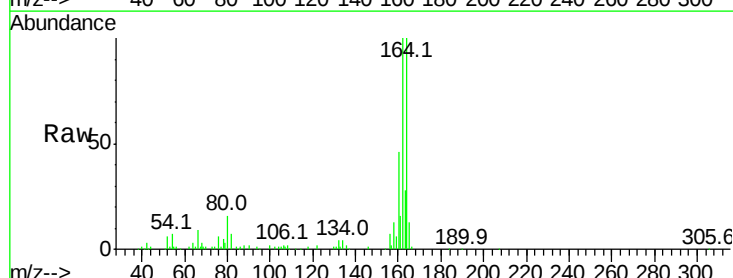
Tgt Ion:165 Resp: 11121

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

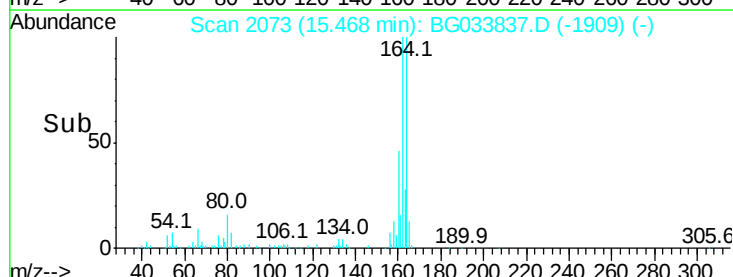
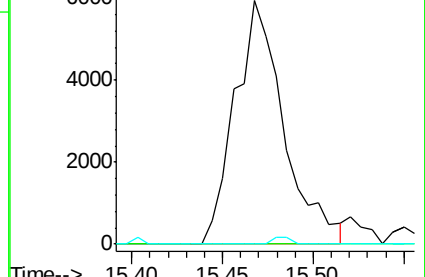
89 0.0 49.2 73.8#

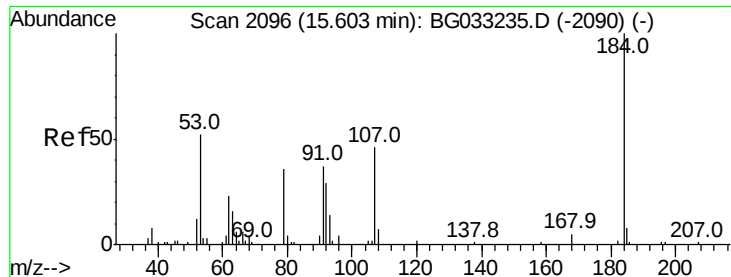


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

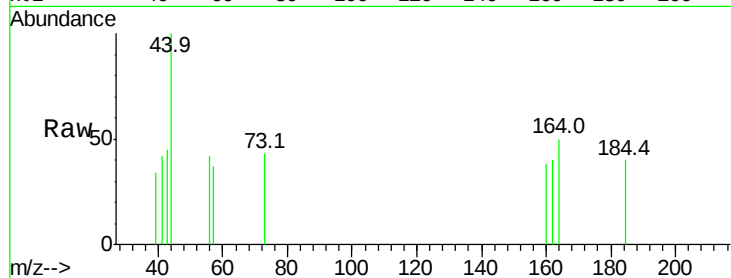




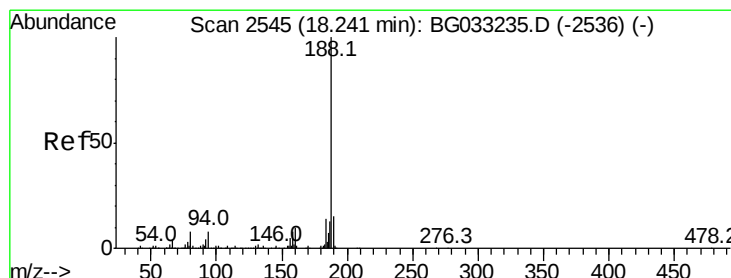
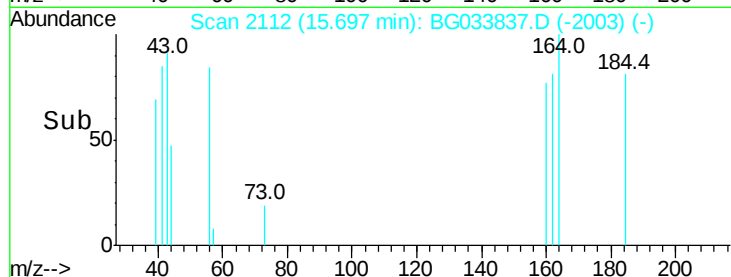
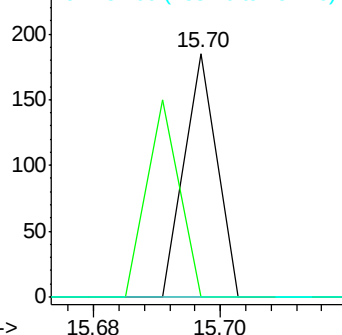
#53
 2,4-Dinitrophenol
 Concen: 7.711 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. 0.11 min
 Lab File: BG033837.D
 Acq: 17 Apr 2018 5:25

Instrument :
 BNA_G
 ClientSampleId :

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#

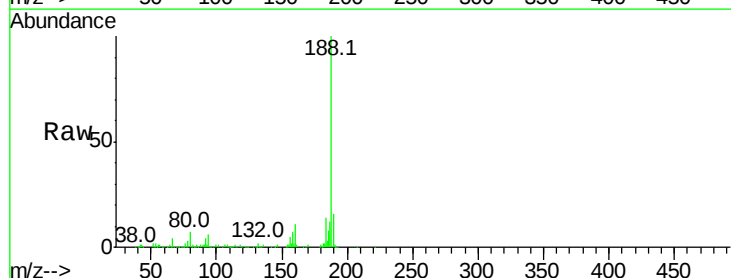


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

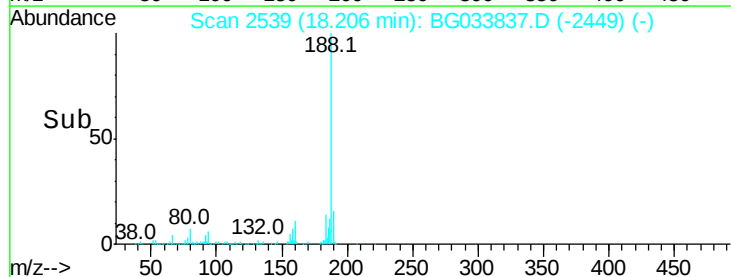
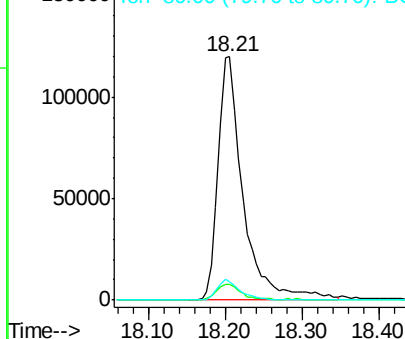


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033837.D
 Acq: 17 Apr 2018 5:25

Tgt Ion:188 Resp: 270657
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.4 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

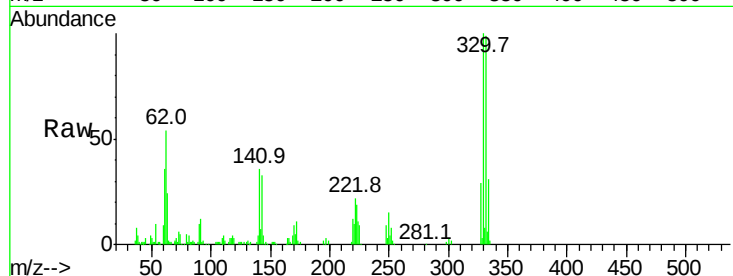




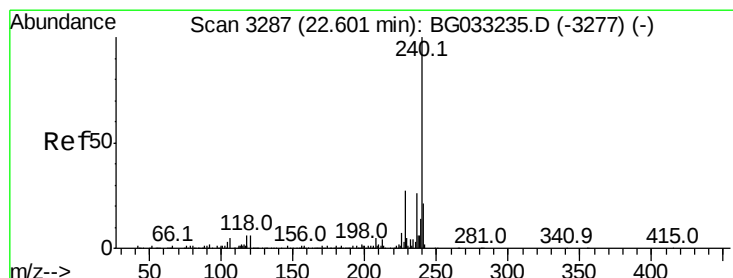
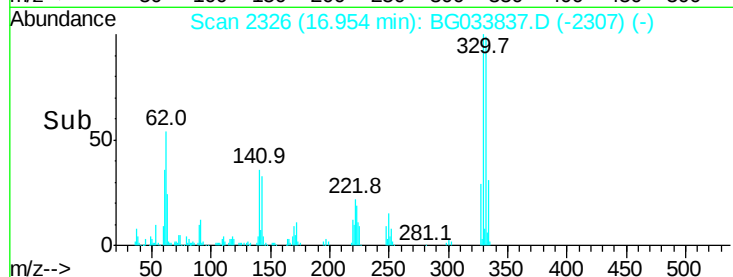
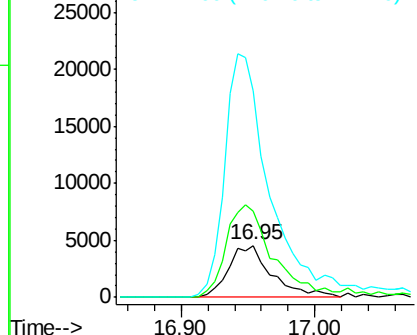
#66
4-Bromophenyl-phenylether
Concen: 3.252 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.42 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 10337
Ion Ratio Lower Upper
248 100
250 165.5 77.1 115.7#
141 398.2 50.8 76.2#

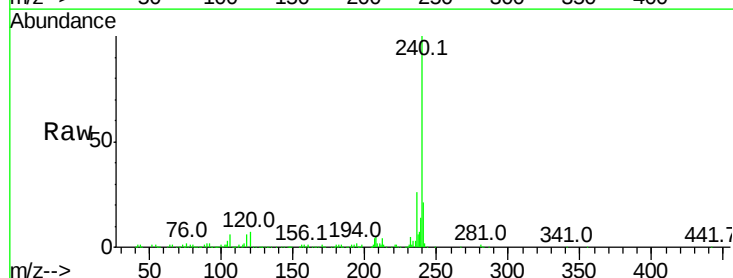


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

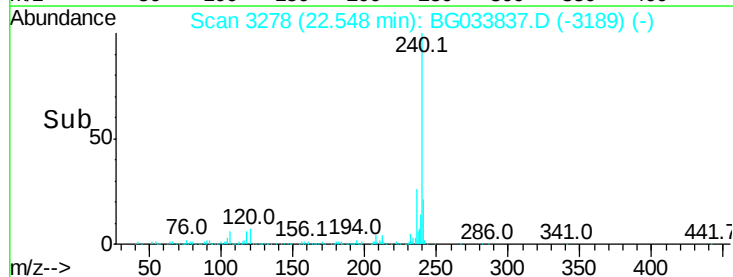
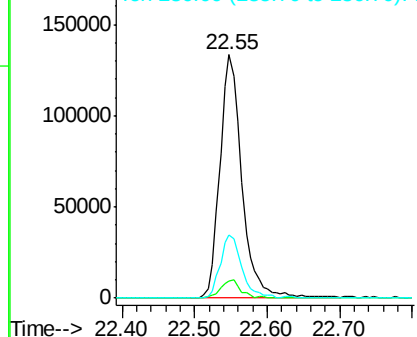


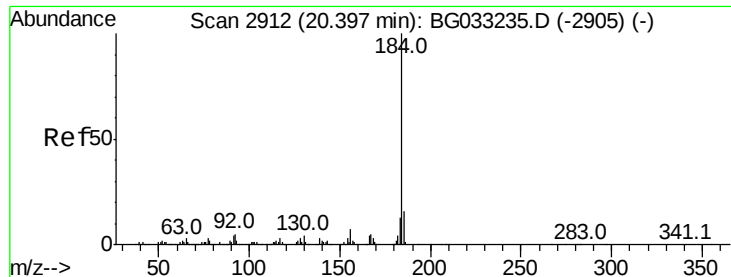
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033837.D
Acq: 17 Apr 2018 5:25

Tgt Ion:240 Resp: 282881
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.7 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: 2.777 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

Instrument :

BNA_G

ClientSampleId :

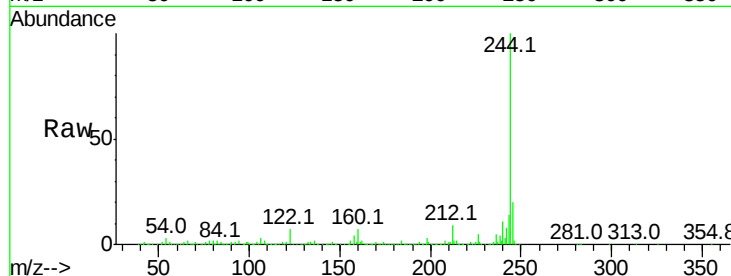
Tot Ion:184 Resp: 21305

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

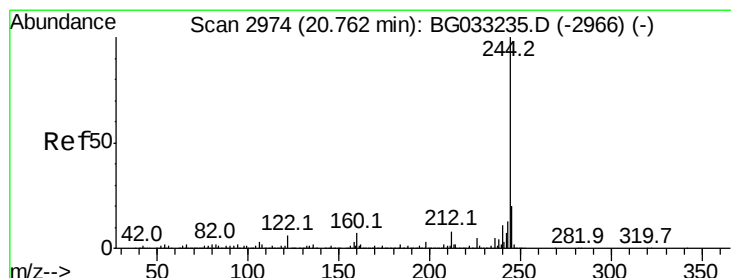
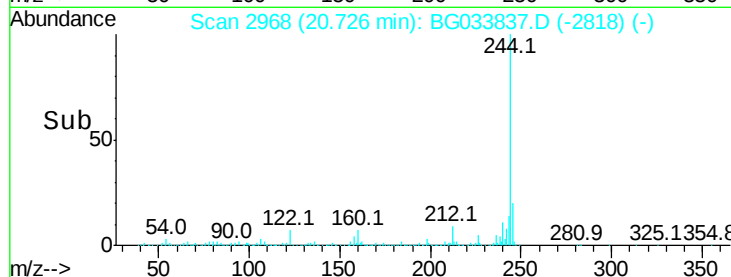
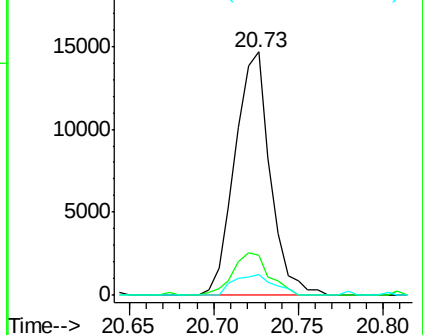
183 8.4 10.6 16.0#



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: 97.720 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033837.D

Acq: 17 Apr 2018 5:25

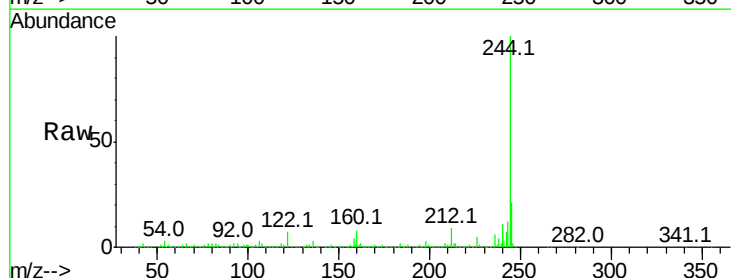
Tgt Ion:244 Resp: 1292573

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

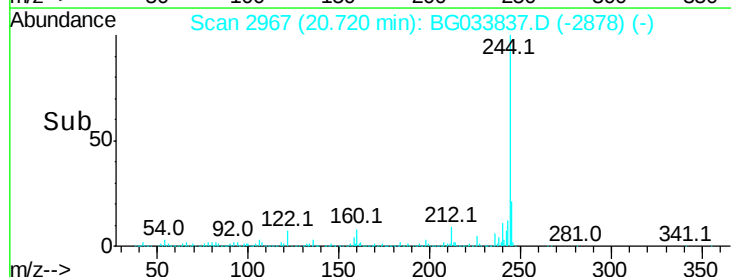
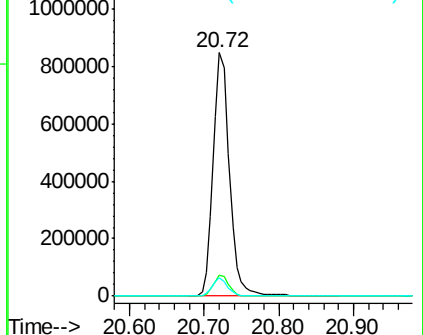
122 7.5 7.0 10.4

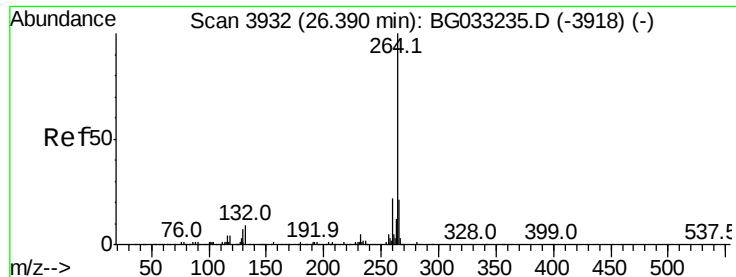


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033837.D
 Acq: 17 Apr 2018 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	23.6	17.7	26.5

