

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033648.D
 Acq On : 7 Apr 2018 3:39
 Operator : SJ/JU
 Sample : J2248-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 04:47:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

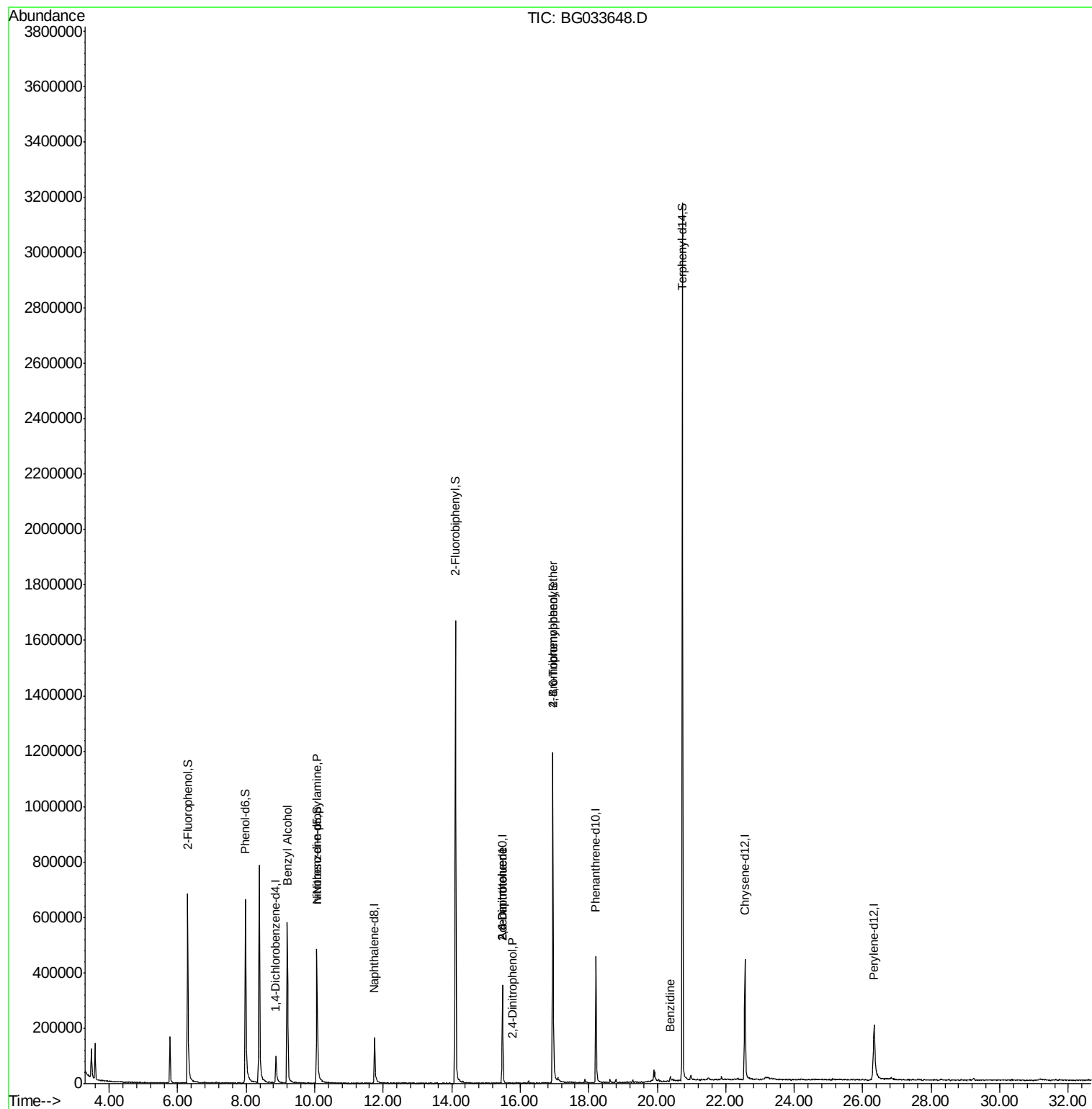
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36387	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	169809	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133223	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326010	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330232	20.00	ng	0.00
86) Perylene-d12	26.33	264	324084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	331092	170.62	ng	0.00
7) Phenol-d6	7.98	99	448319	134.46	ng	0.00
23) Nitrobenzene-d5	10.07	82	377962	102.26	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	239829	120.37	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	934955	101.31	ng	0.00
78) Terphenyl-d14	20.73	244	1620577	104.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6689	2.548	ng	# 47
19) n-Nitroso-di-n-propylamine	10.07	70	52980	21.685	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	16368	6.904	ng	# 21
53) 2,4-Dinitrophenol	15.78	184	70	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	16427	4.706	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	19192	5.013	ng	# 1
76) Benzidine	20.38	184	18630	2.080	ng	97

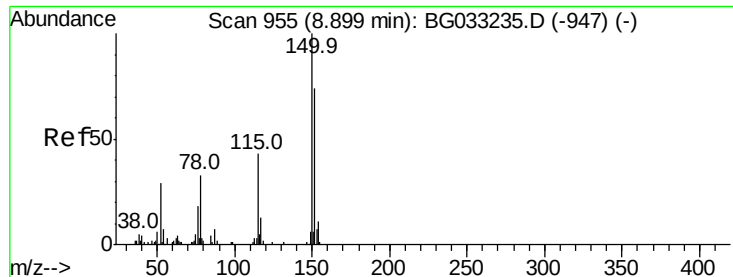
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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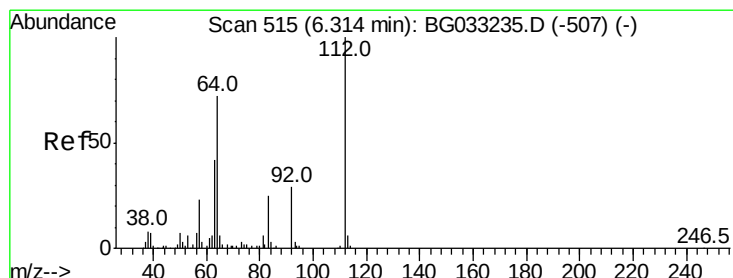
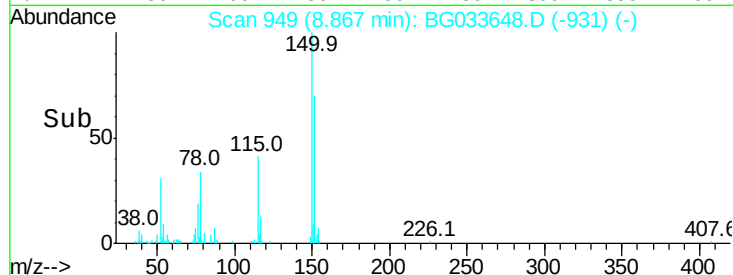
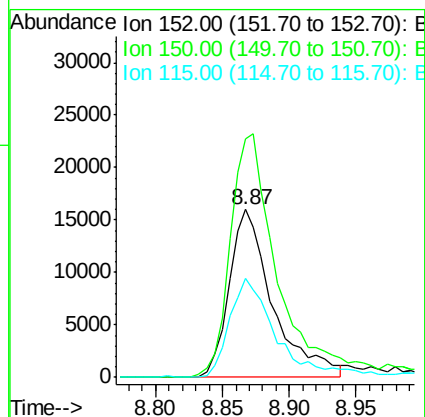
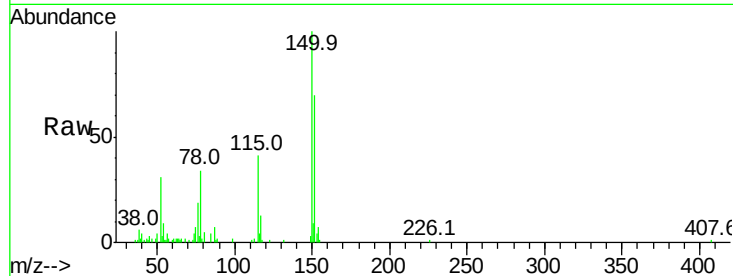


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Instrument :
BNA_G
ClientSampleId :

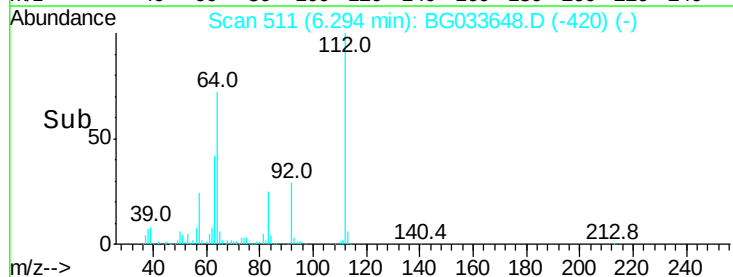
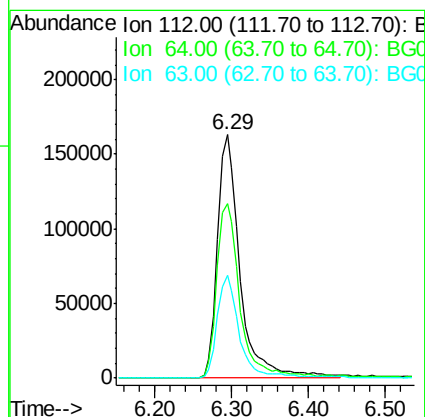
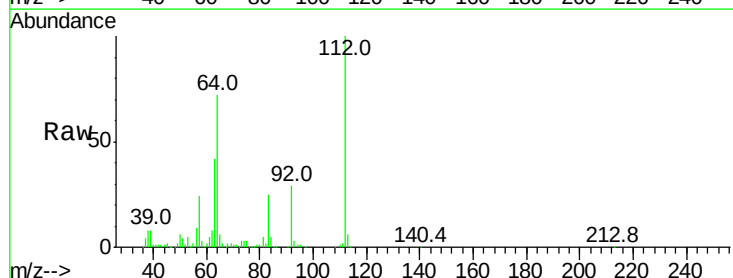
Tot Ion:152 Resp: 36387
Ion Ratio Lower Upper
152 100
150 142.0 126.6 189.8
115 58.7 53.0 79.4

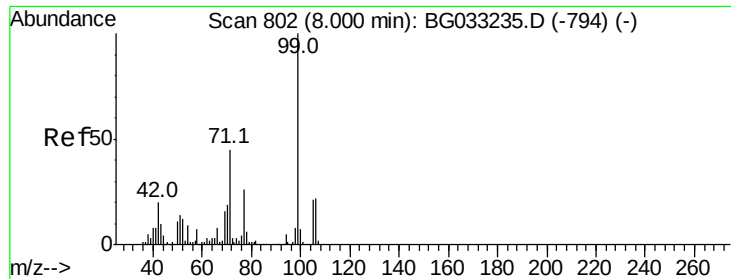


#5

2-Fluorophenol
Concen: 170.621 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Tgt Ion:112 Resp: 331092
Ion Ratio Lower Upper
112 100
64 71.8 56.3 84.5
63 42.3 30.1 45.1





#7

Phenol-d6

Concen: 134.461 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampled :

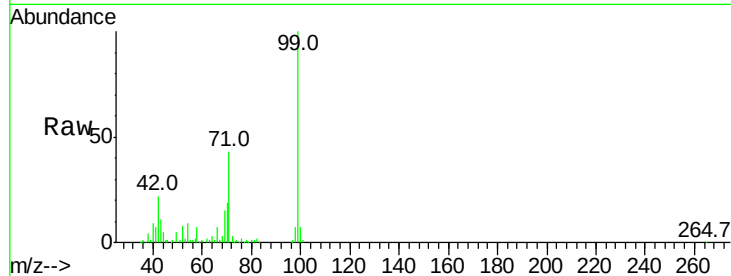
Tot Ion: 99 Resp: 448319

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

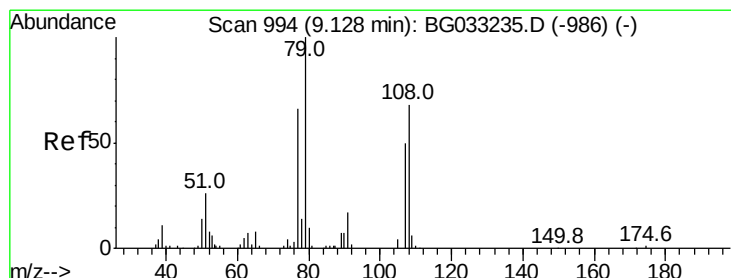
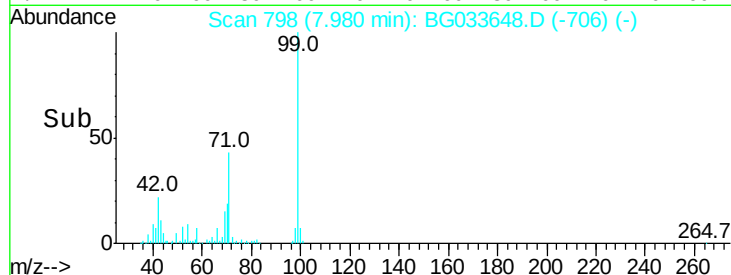
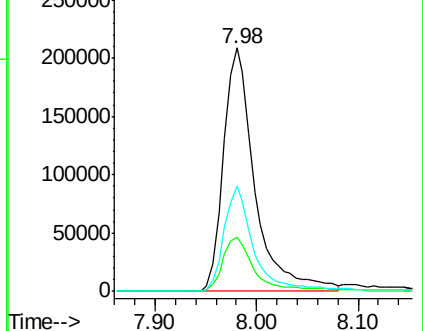
71 43.1 26.1 39.1#



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: 2.548 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

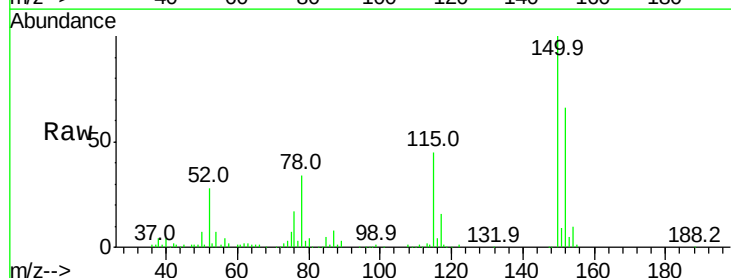
Tgt Ion: 79 Resp: 6689

Ion Ratio Lower Upper

79 100

108 32.5 57.2 85.8#

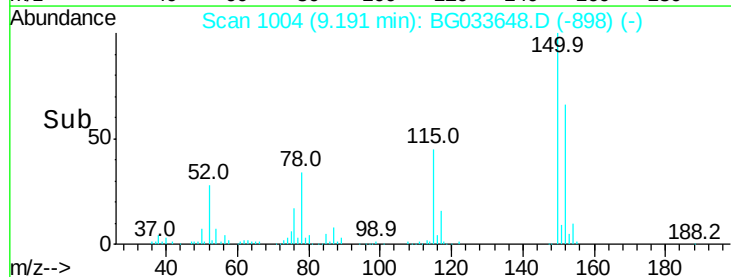
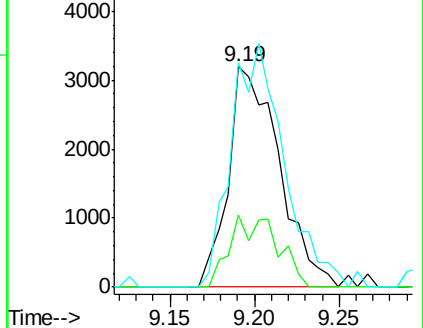
77 102.0 46.1 69.1#

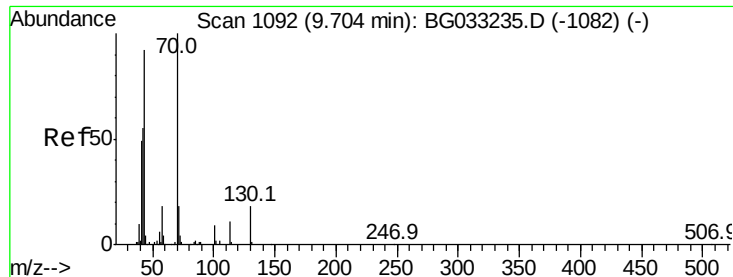


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

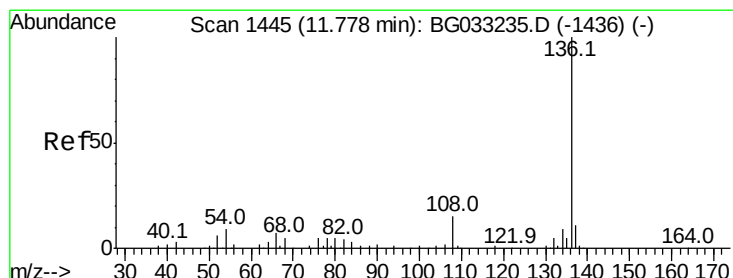
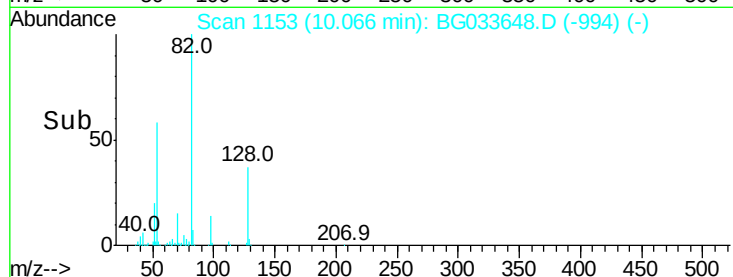
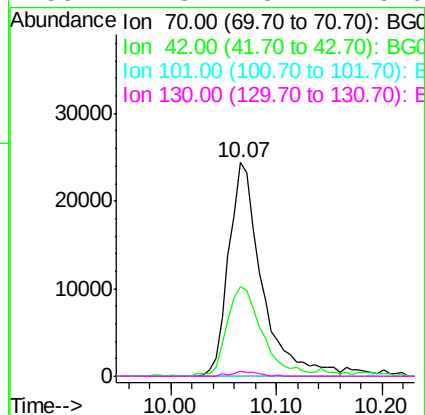
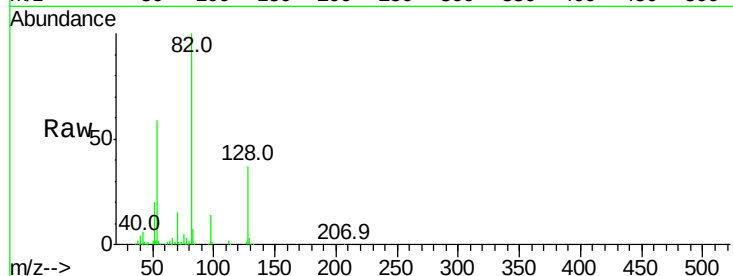




#19
n-Nitroso-di-n-propylamine
Concen: 21.685 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

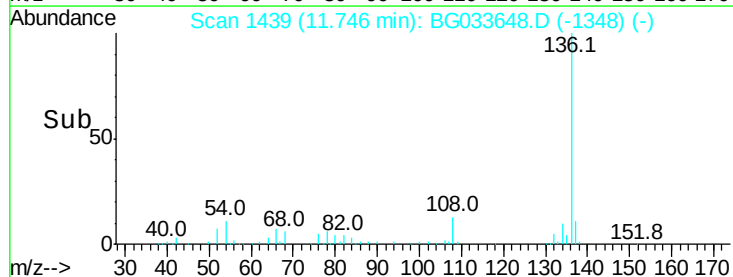
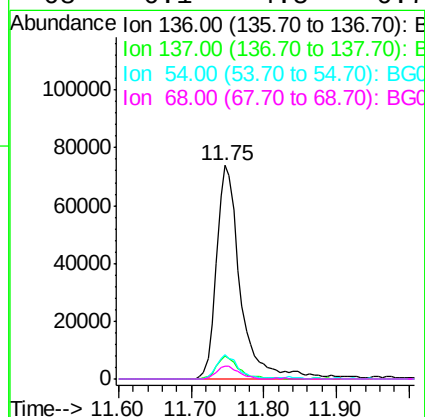
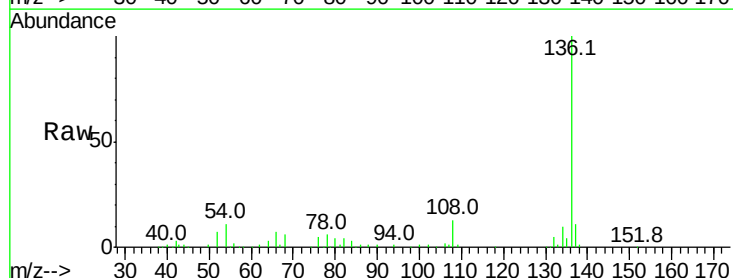
Instrument :
BNA_G
ClientSampleId :

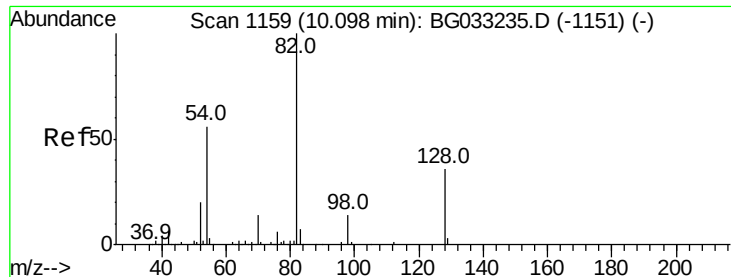
Tot Ion: 70 Resp: 52980
Ion Ratio Lower Upper
70 100
42 42.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Tgt Ion: 136 Resp: 169809
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 11.2 10.3 15.5
68 6.1 4.5 6.7

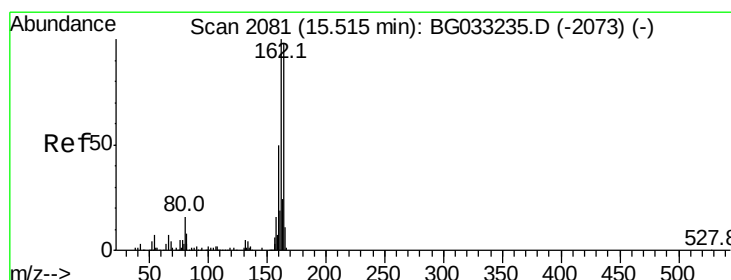
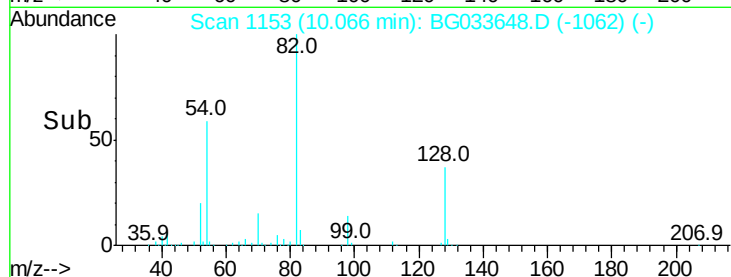
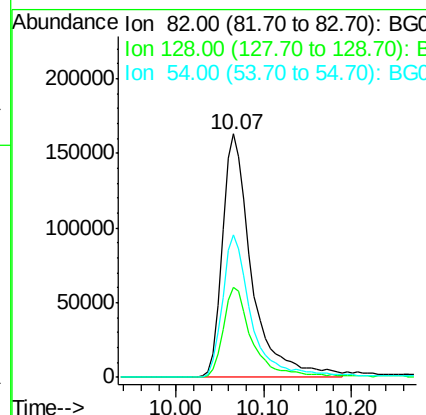
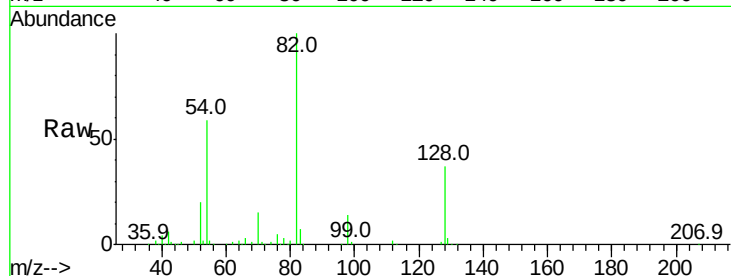




#23
 Nitrobenzene-d5
 Concen: 102.263 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

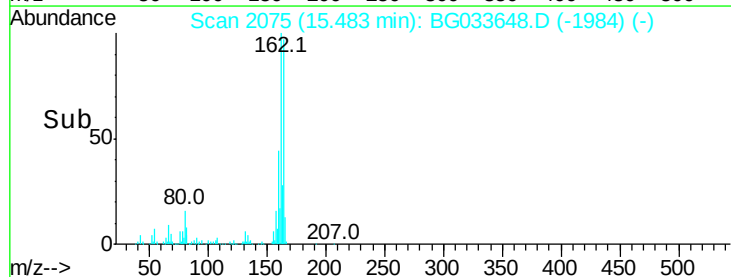
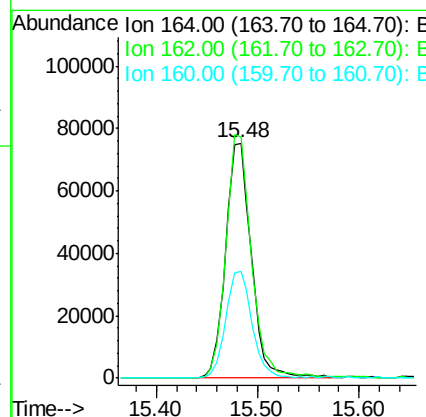
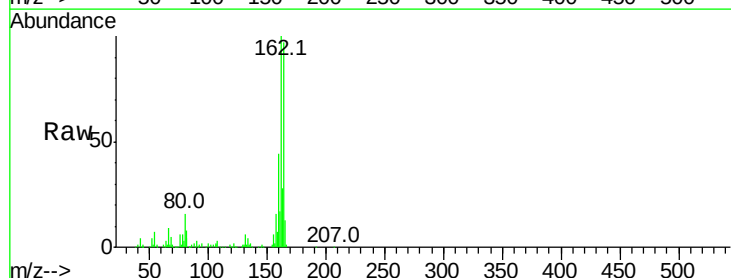
Instrument :
 BNA_G
 ClientSampleId :

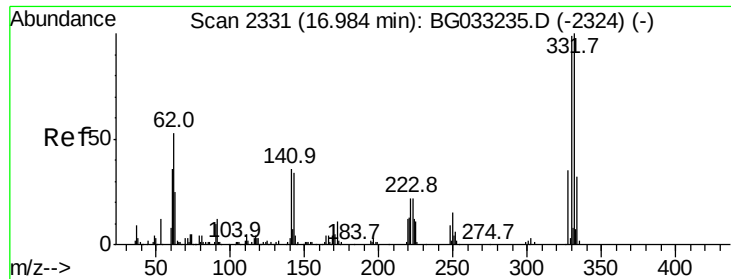
Tot Ion: 82 Resp: 377962
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.7 44.5
 54 58.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Tgt Ion:164 Resp: 133223
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 45.5 35.4 53.0

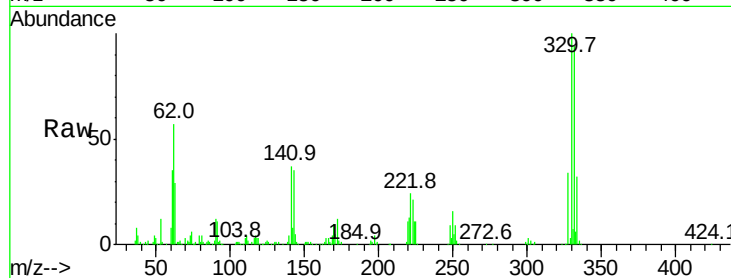




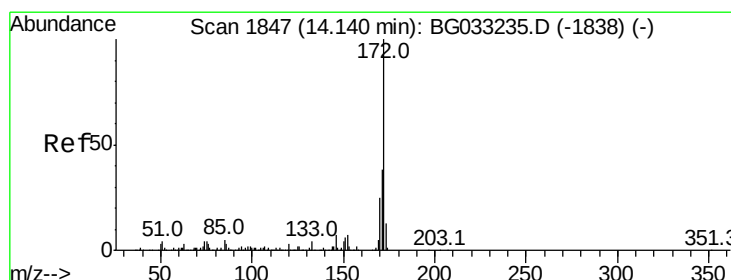
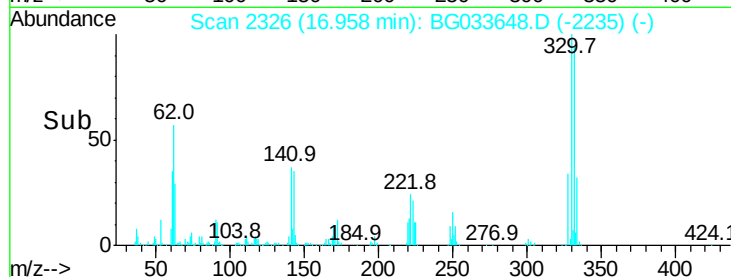
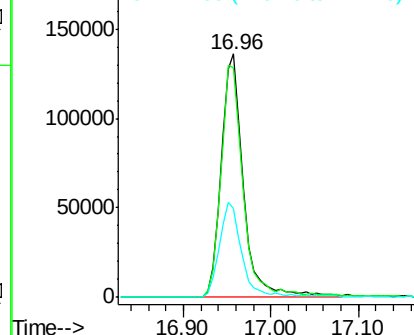
#41
 2,4,6-Tribromophenol
 Concen: 120.366 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	39.2	25.2	37.8#

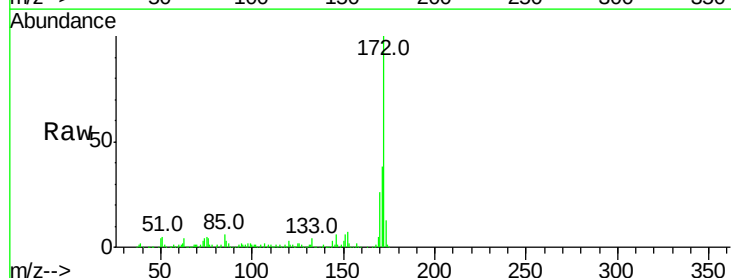


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

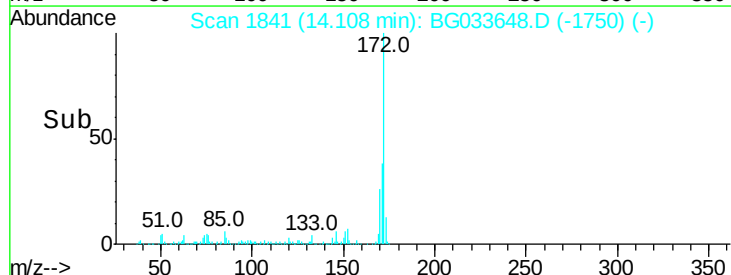
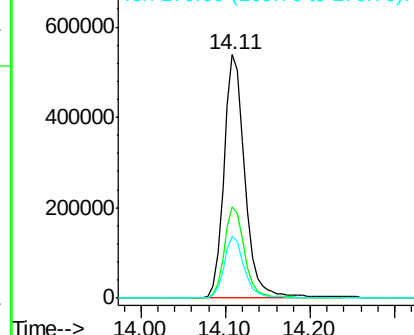


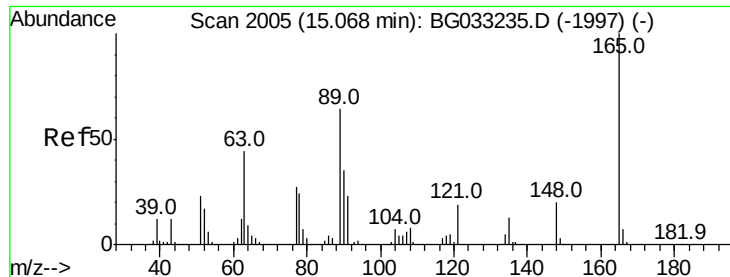
#44
 2-Fluorobiphenyl
 Concen: 101.314 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.6	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: 6.904 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampleId :

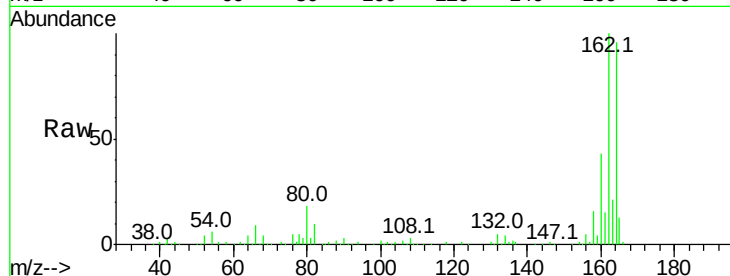
Tot Ion:165 Resp: 16368

Ion Ratio Lower Upper

165 100

63 2.3 52.7 79.1#

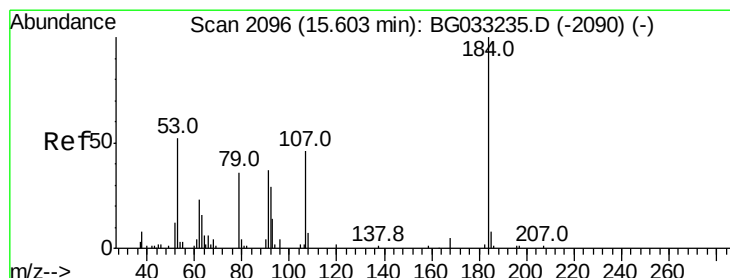
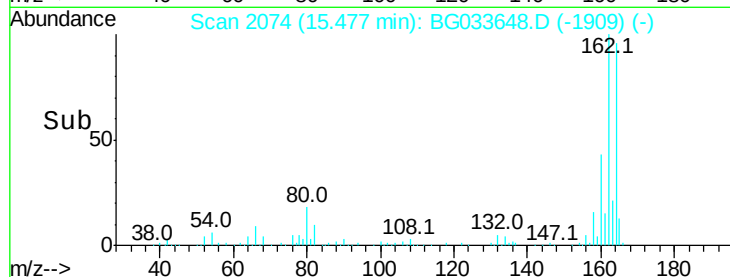
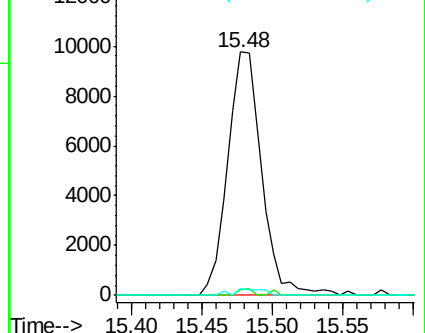
89 2.6 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#53

2,4-Dinitrophenol

Concen: 7.694 ng

RT: 15.78 min Scan# 2125

Delta R.T. 0.20 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

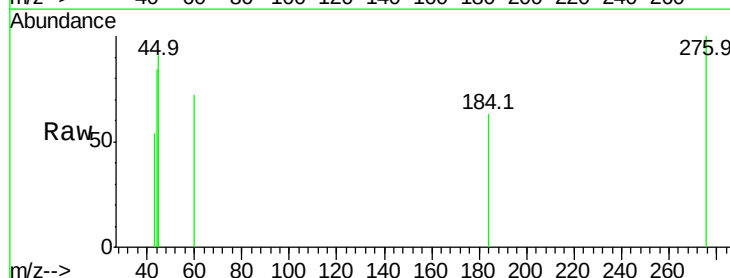
Tgt Ion:184 Resp: 70

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

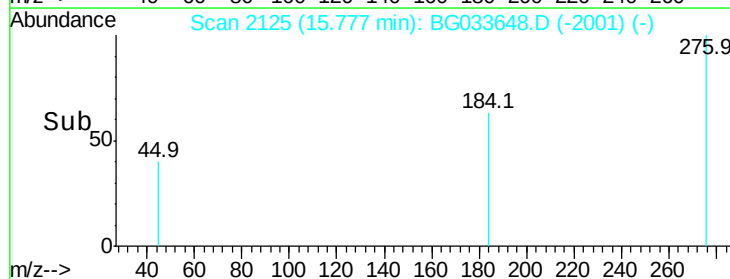
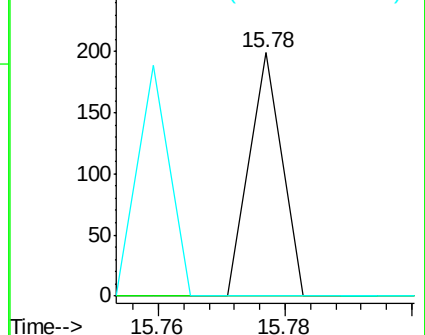
154 0.0 101.8 152.8#

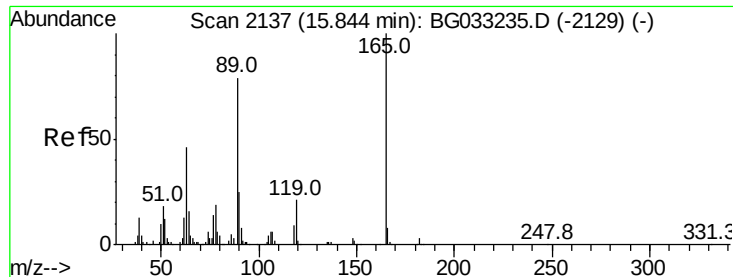


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

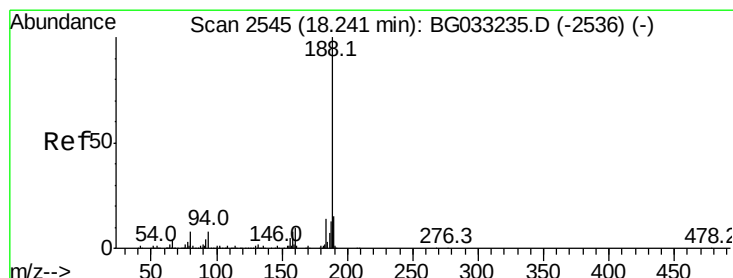
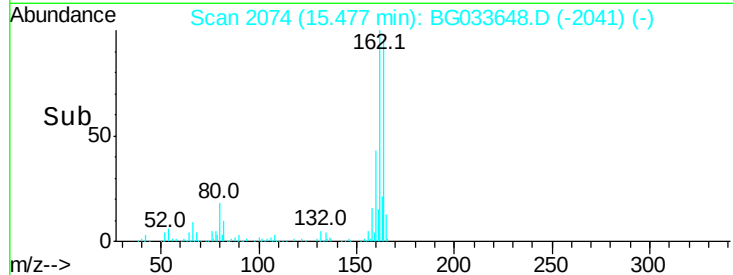
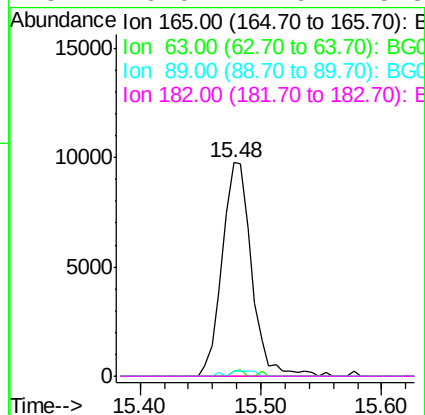
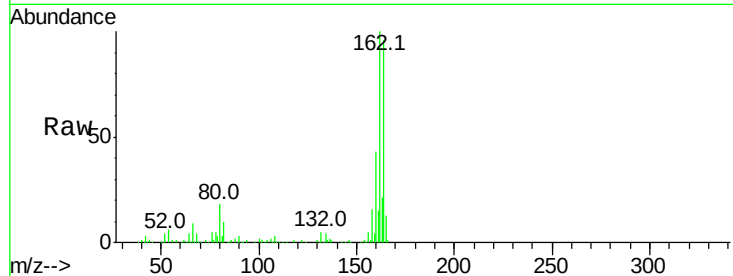




#56
2,4-Dinitrotoluene
Concen: 4.706 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

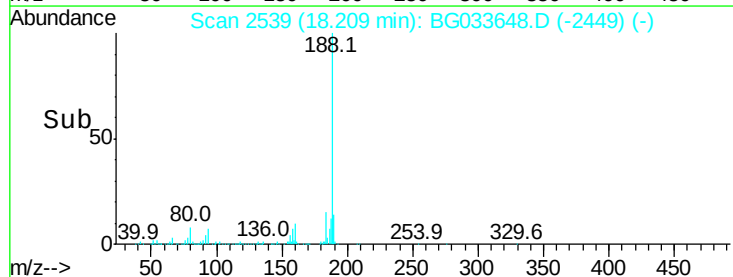
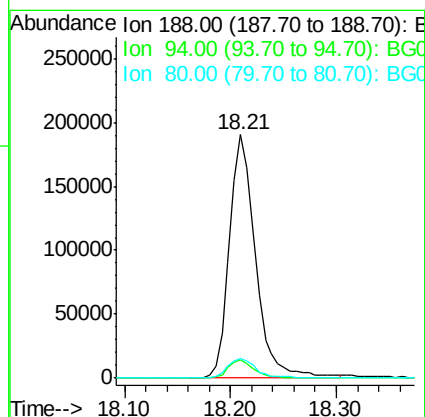
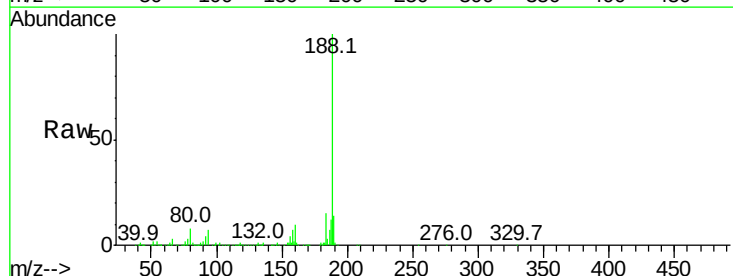
Instrument :
BNA_G
ClientSampleId :

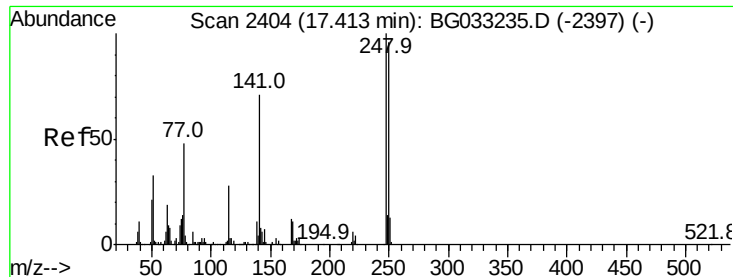
Tot Ion:165 Resp: 16427
Ion Ratio Lower Upper
165 100
63 2.3 42.0 63.0#
89 2.6 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Tgt Ion:188 Resp: 326010
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.0 7.7 11.5

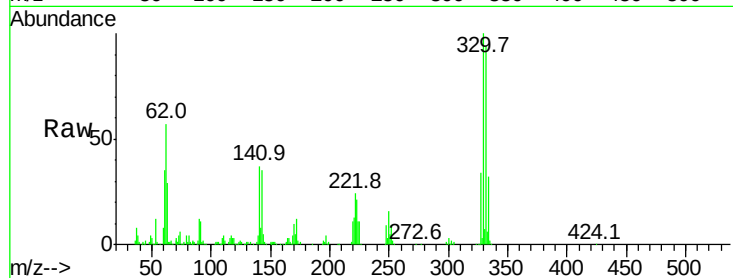




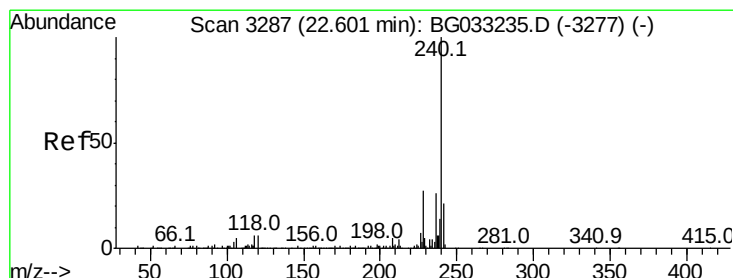
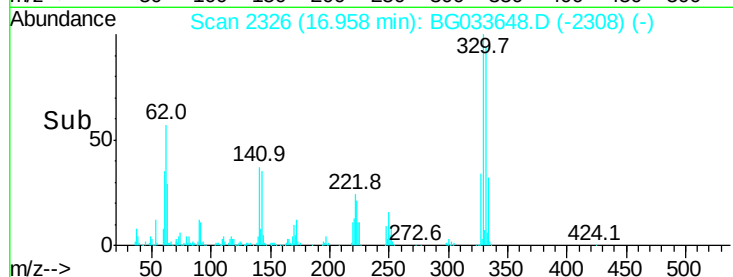
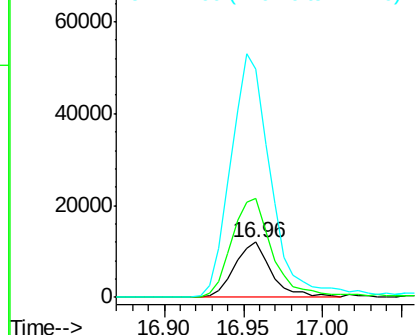
#66
4-Bromophenyl-phenylether
Concen: 5.013 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19192
Ion Ratio Lower Upper
248 100
250 179.9 77.1 115.7#
141 414.4 50.8 76.2#

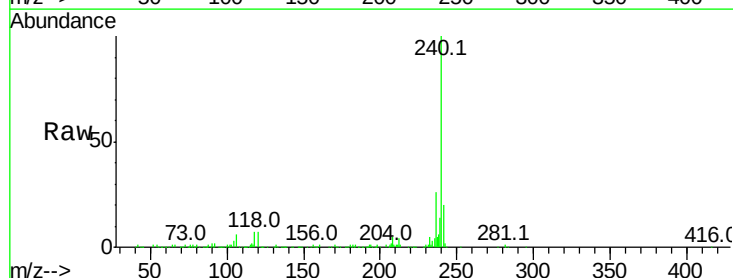


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

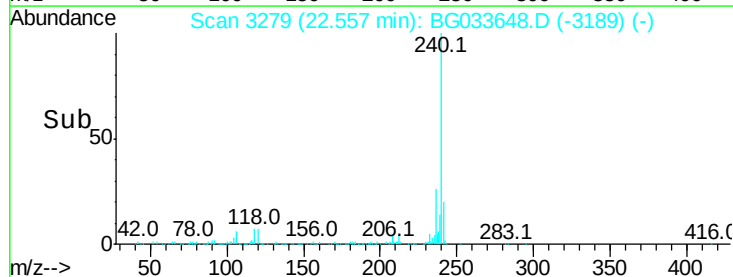
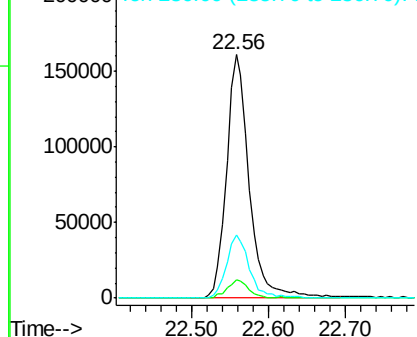


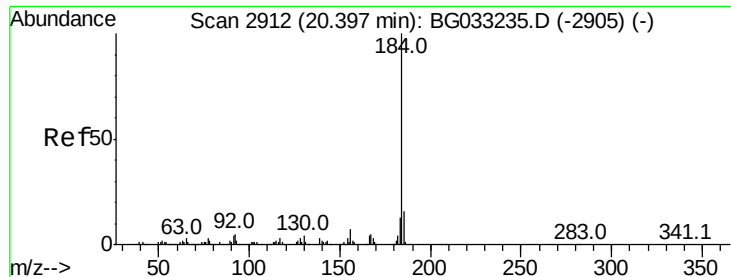
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Tgt Ion:240 Resp: 330232
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.9 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: 2.080 ng

RT: 20.38 min Scan# 2909

Delta R.T. 0.02 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampleId :

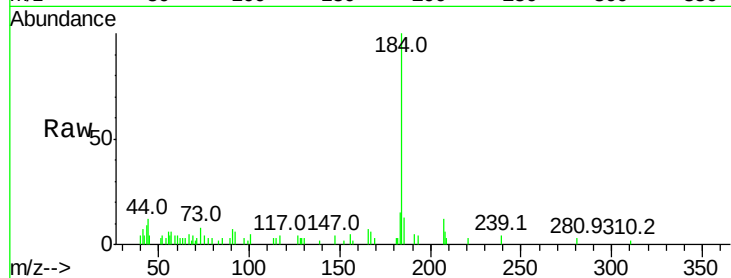
Tot Ion:184 Resp: 18630

Ion Ratio Lower Upper

184 100

185 13.2 11.1 16.7

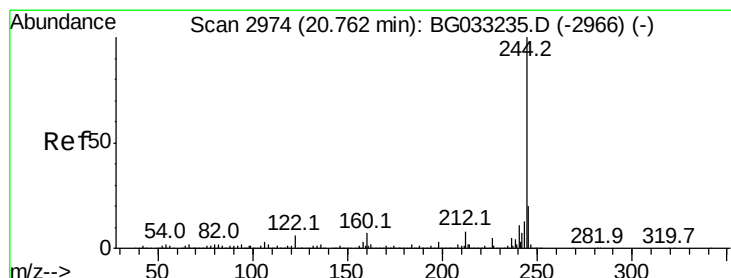
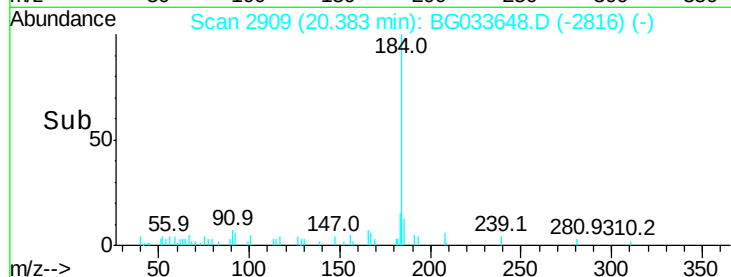
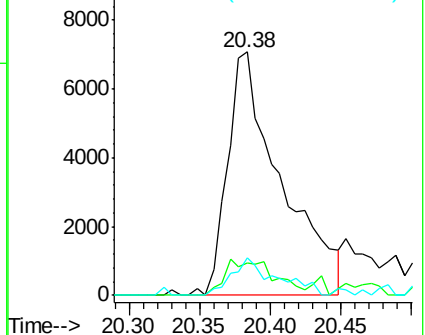
183 15.4 10.6 16.0



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: 104.950 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

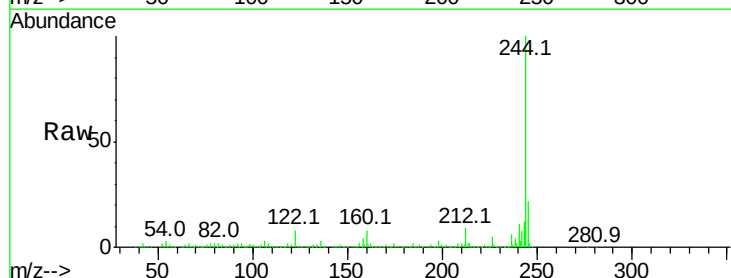
Tgt Ion:244 Resp: 1620577

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

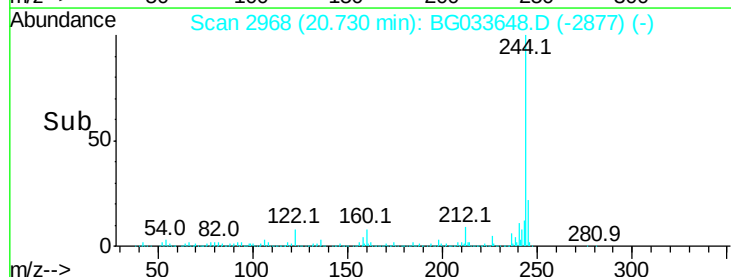
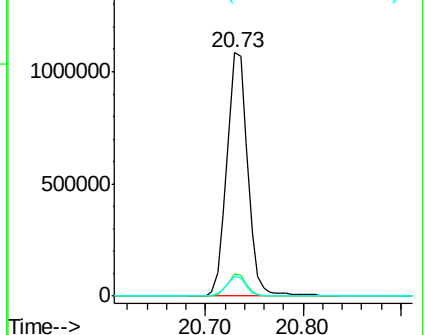
122 8.1 7.0 10.4

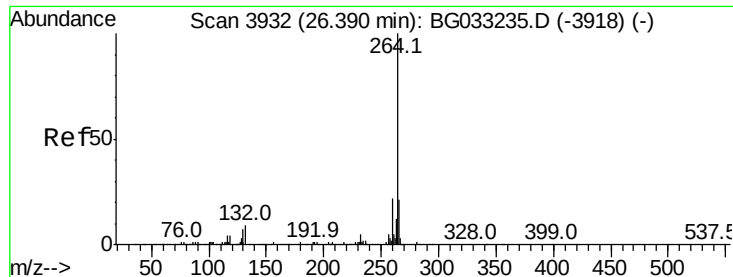


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.6	17.7	26.5

