

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016728.D
 Acq On : 25 Apr 2015 23:47
 Operator : TP/IZ
 Sample : G1987-03RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12RE

Quant Time: Apr 27 01:57:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 01:43:02 2015
 Response via : Initial Calibration

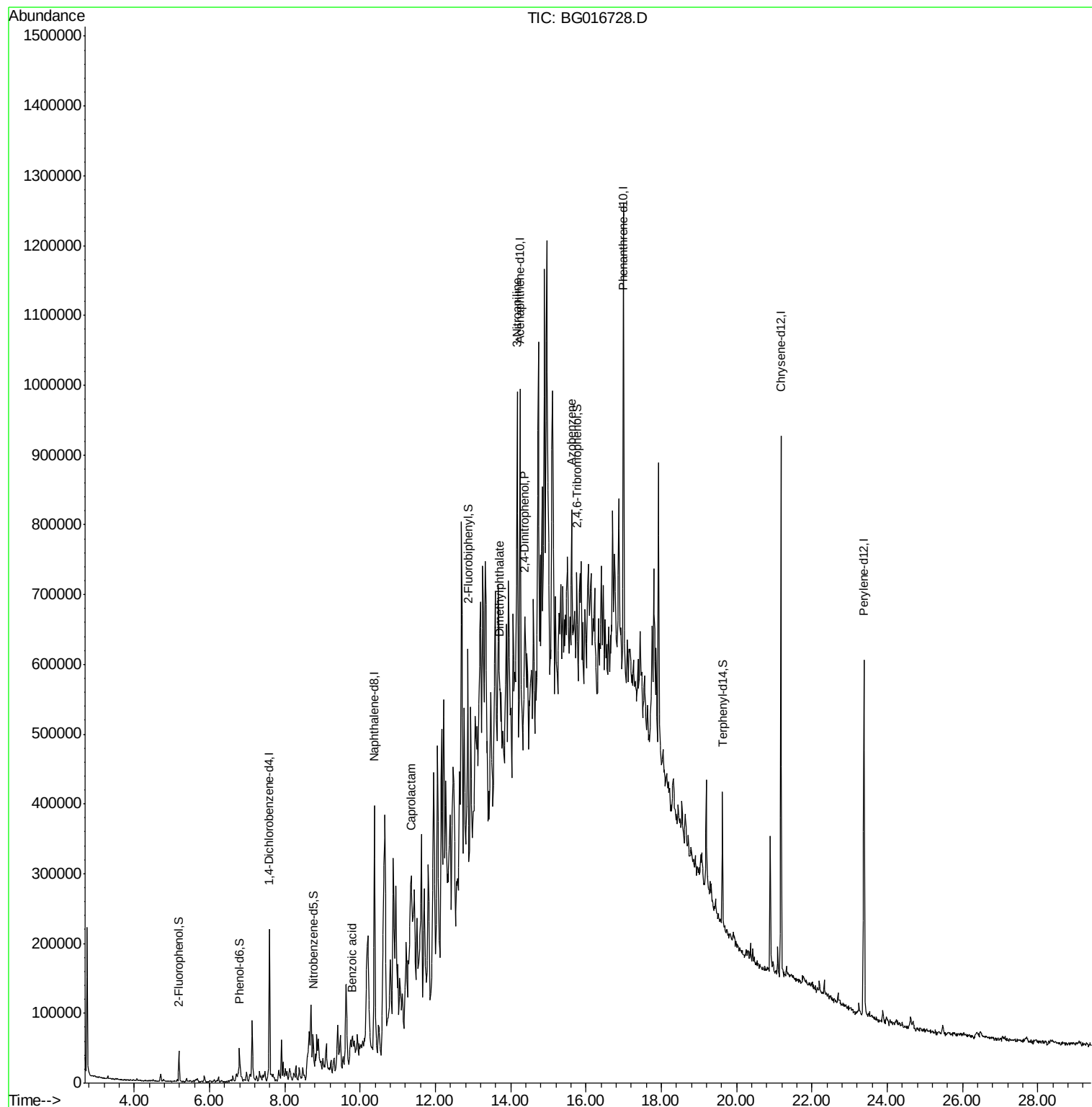
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	59843	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	270954	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	165955	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	332962	20.00	ng	0.00
75) Chrysene-d12	21.18	240	303473	20.00	ng	0.00
86) Perylene-d12	23.39	264	288059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	24343	6.60	ng	0.00
7) Phenol-d6	6.79	99	26411	5.10	ng	0.00
23) Nitrobenzene-d5	8.75	82	30917	7.21	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	12721	10.33	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	71007	6.87	ng	0.00
78) Terphenyl-d14	19.63	244	76076	5.77	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	182	8.92	ng	# 24
35) Caprolactam	11.35	113	4046	2.02	ng	# 1
49) Dimethylphthalate	13.71	163	45256	3.65	ng	# 88
52) 3-Nitroaniline	14.17	138	9472	2.57	ng	# 12
53) 2,4-Dinitrophenol	14.37	184	917	8.11	ng	# 1
62) Azobenzene	15.61	77	34909	2.95	ng	# 1

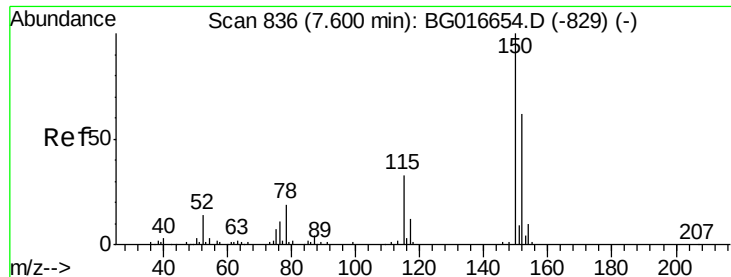
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Instrument :

BNA_G

ClientSampleId :

MW-12RE

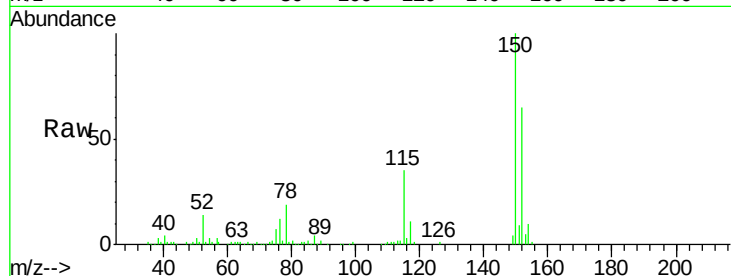
Tgt Ion:152 Resp: 59843

Ion Ratio Lower Upper

152 100

150 153.8 129.6 194.4

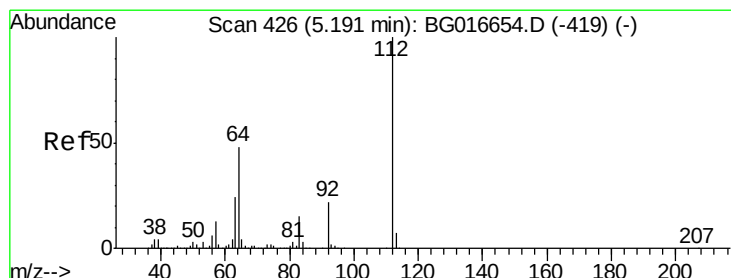
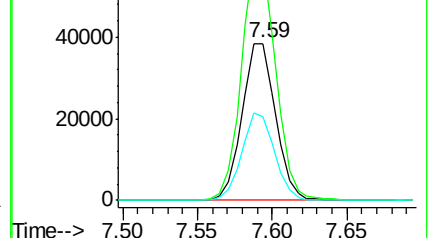
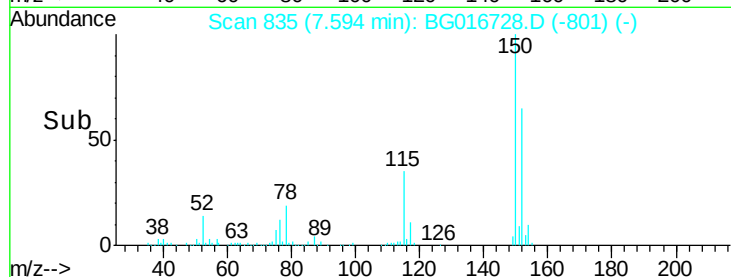
115 53.6 43.0 64.6



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: 6.60 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

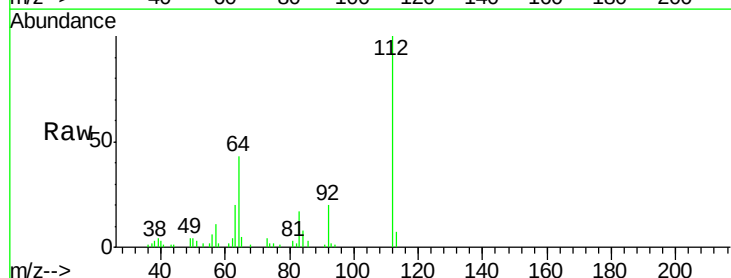
Tgt Ion:112 Resp: 24343

Ion Ratio Lower Upper

112 100

64 43.0 38.3 57.5

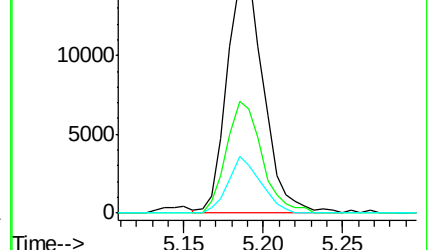
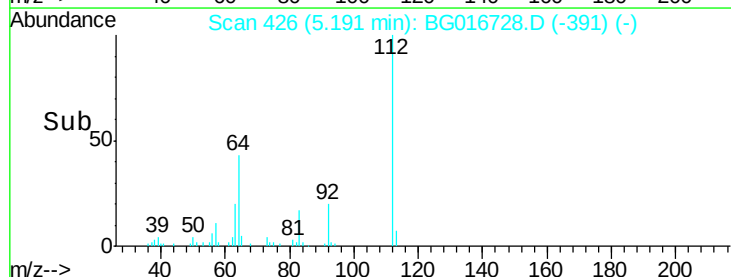
63 19.6 18.9 28.3

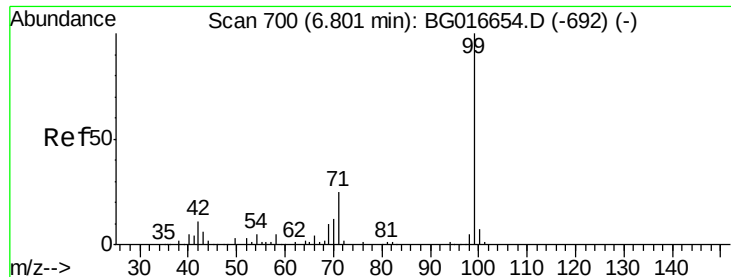


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 5.10 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Instrument :

BNA_G

ClientSampleId :

MW-12RE

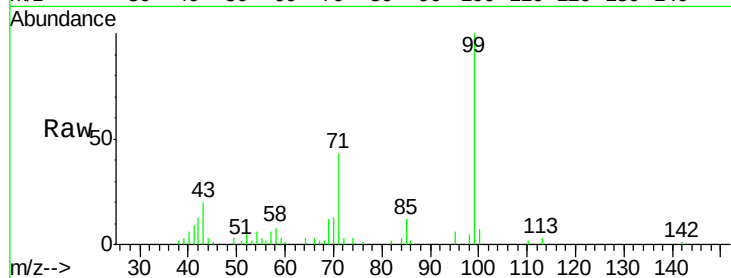
Tgt Ion: 99 Resp: 26411

Ion Ratio Lower Upper

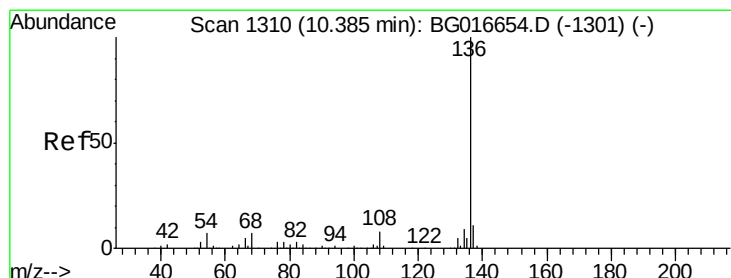
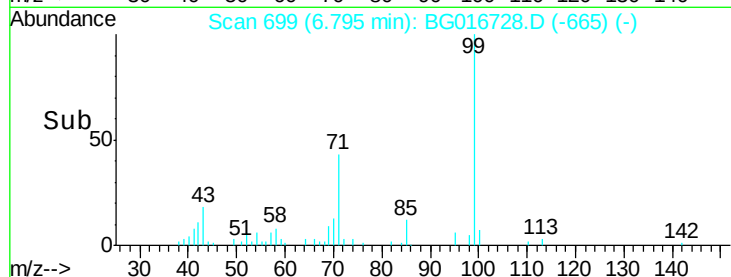
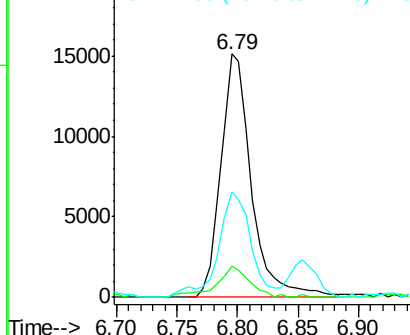
99 100

42 12.9 8.8 13.2

71 43.3 19.9 29.9#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Tgt Ion: 136 Resp: 270954

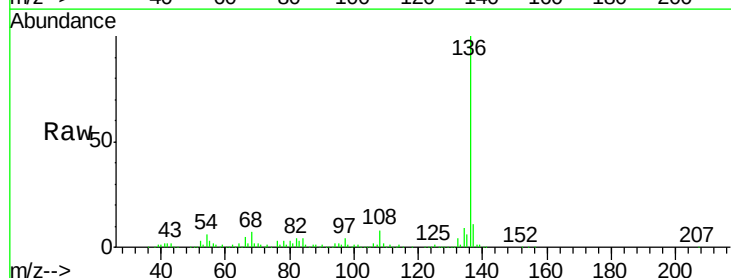
Ion Ratio Lower Upper

136 100

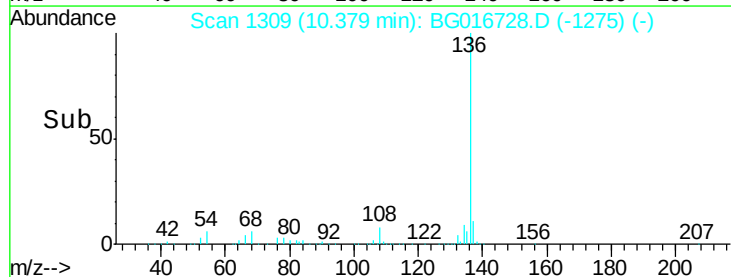
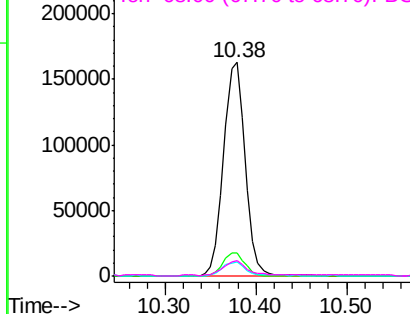
137 10.9 8.5 12.7

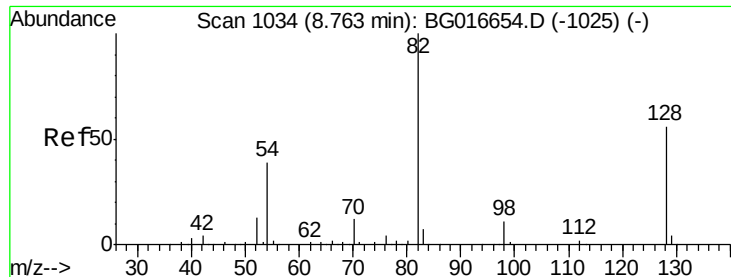
54 6.5 5.4 8.2

68 7.2 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

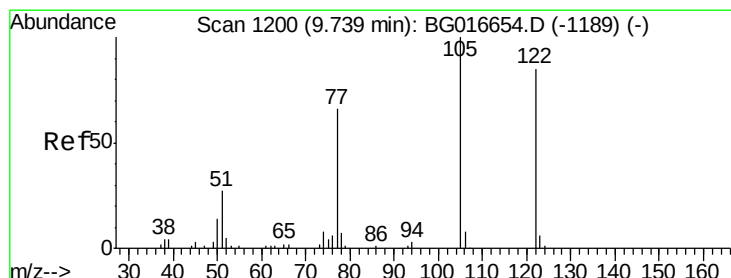
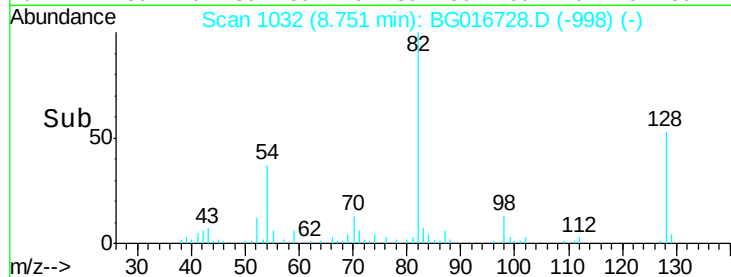
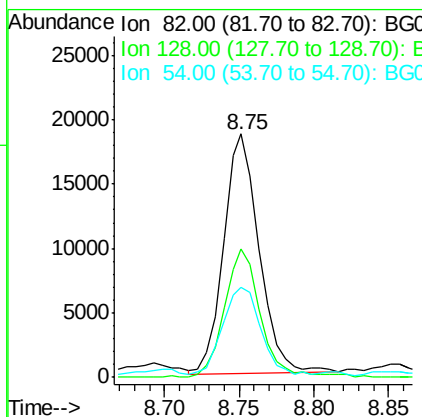
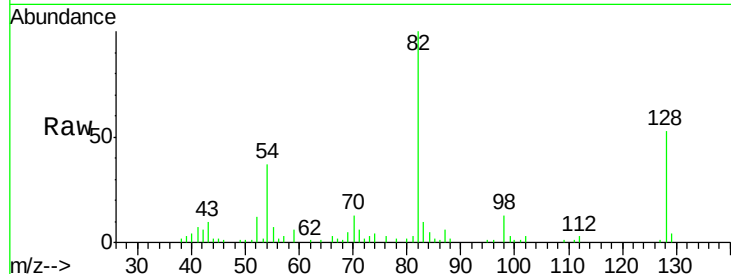




#23
 Nitrobenzene-d5
 Concen: 7.21 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

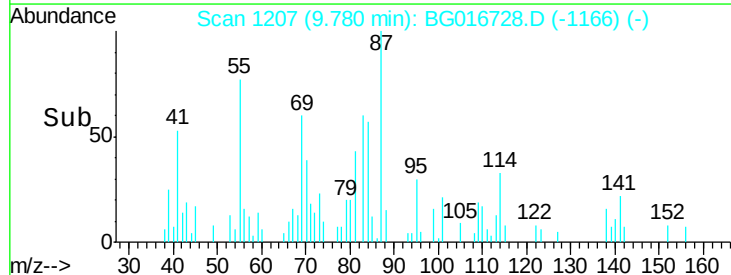
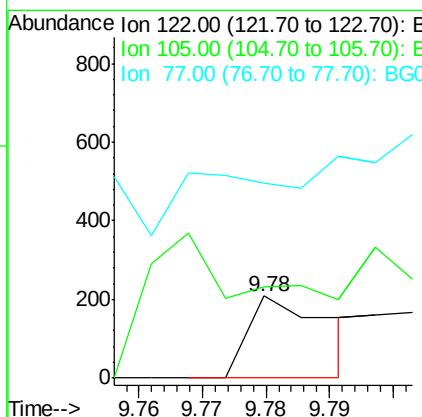
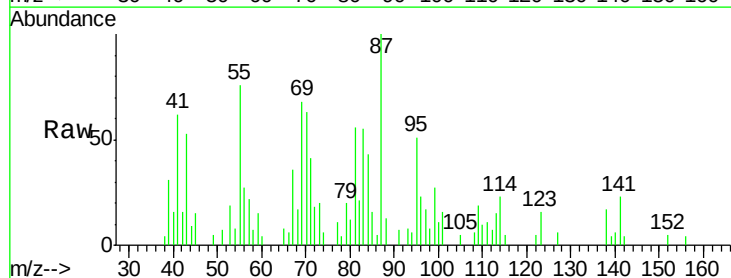
Instrument :
 BNA_G
 ClientSampleId :
 MW-12RE

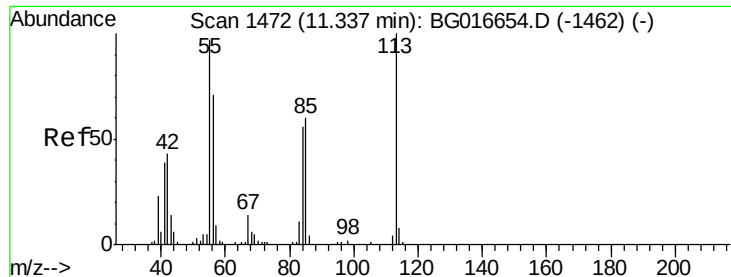
Tgt Ion: 82 Resp: 30917
 Ion Ratio Lower Upper
 82 100
 128 52.6 44.7 67.1
 54 37.0 30.9 46.3



#32
 Benzoic acid
 Concen: 8.92 ng
 RT: 9.78 min Scan# 1207
 Delta R.T. 0.04 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

Tgt Ion: 122 Resp: 182
 Ion Ratio Lower Upper
 122 100
 105 110.5 97.2 137.2
 77 236.8 58.4 98.4#





#35

Caprolactam

Concen: 2.02 ng

RT: 11.35 min Scan# 1475

Delta R.T. 0.03 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Instrument :

BNA_G

ClientSampleId :

MW-12RE

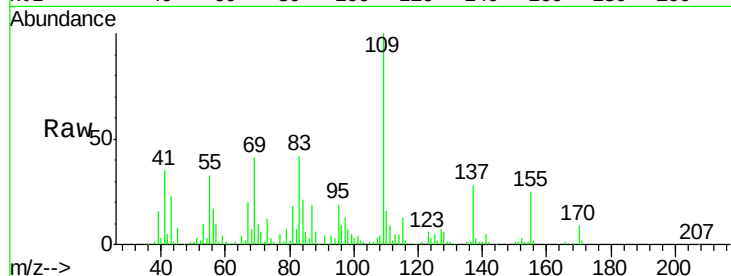
Tgt Ion:113 Resp: 4046

Ion Ratio Lower Upper

113 100

55 624.6 77.1 117.1#

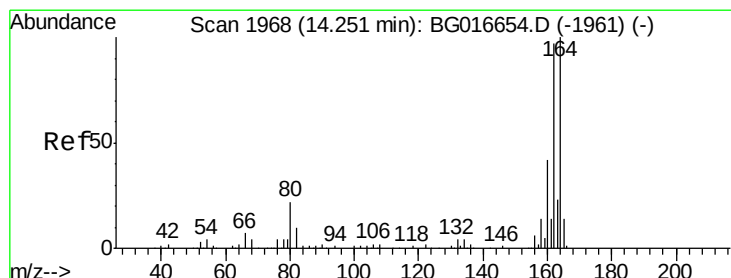
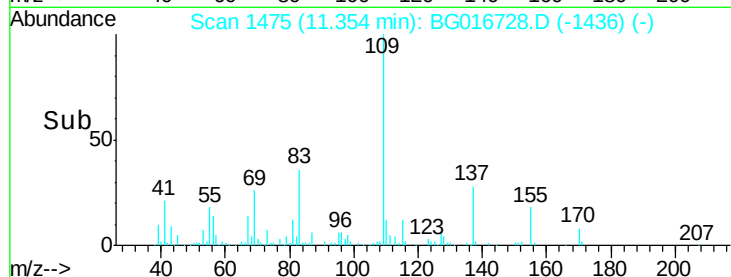
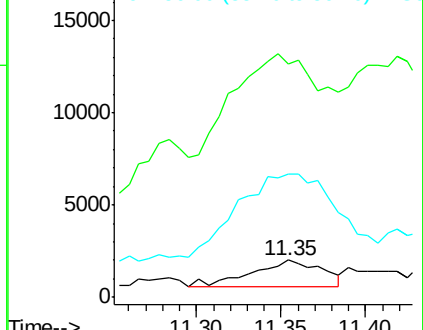
56 329.3 51.4 91.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

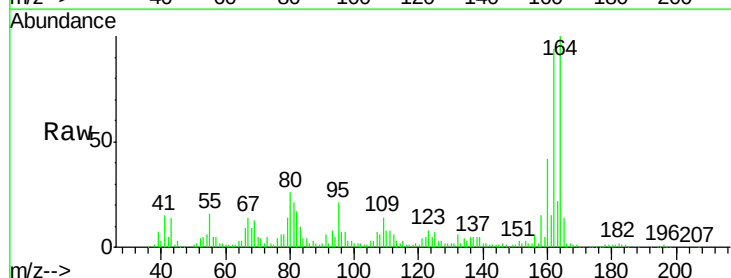
Tgt Ion:164 Resp: 165955

Ion Ratio Lower Upper

164 100

162 94.5 77.3 115.9

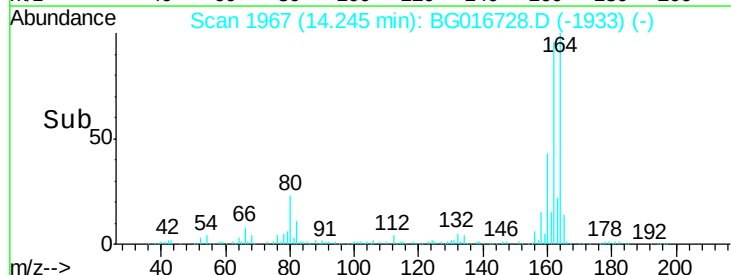
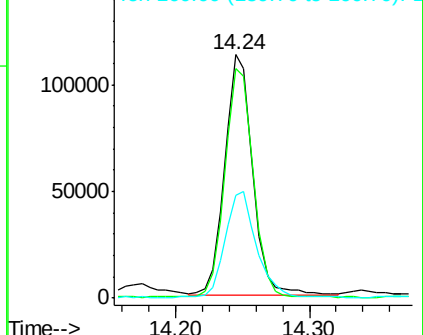
160 42.2 33.7 50.5

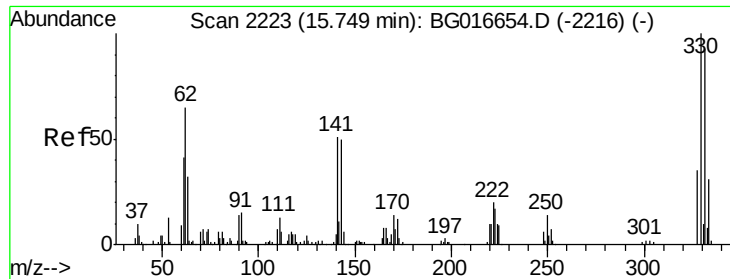


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

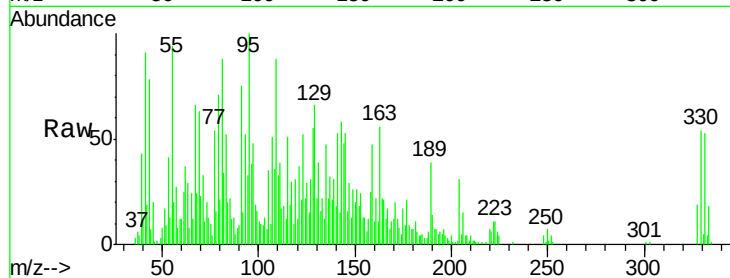




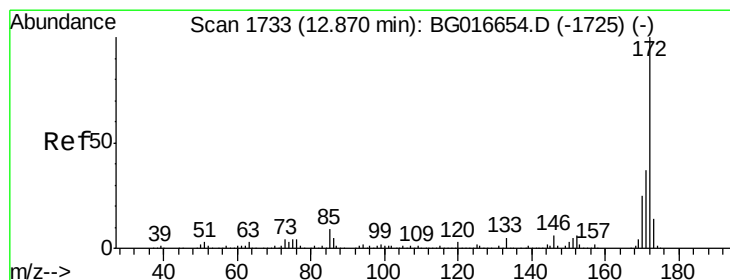
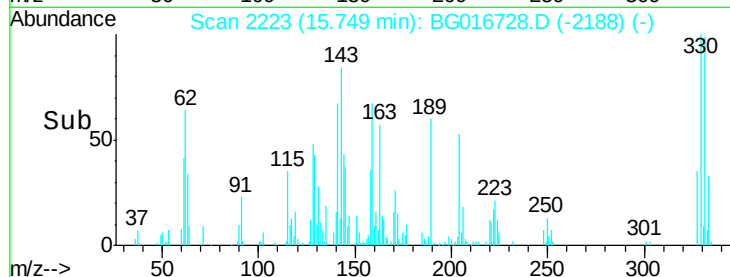
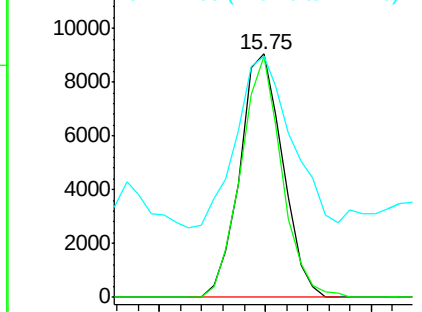
#41
 2,4,6-Tribromophenol
 Concen: 10.33 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-12RE

Tgt Ion:330 Resp: 12721
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 90.5 43.0 64.6#

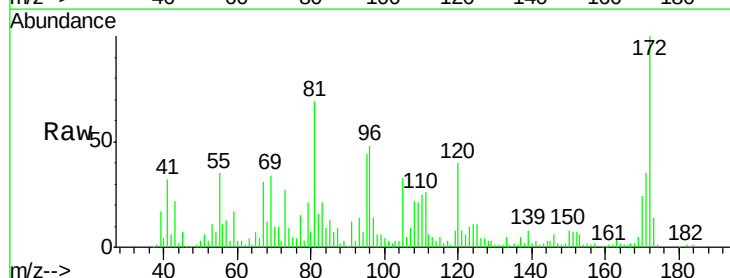


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

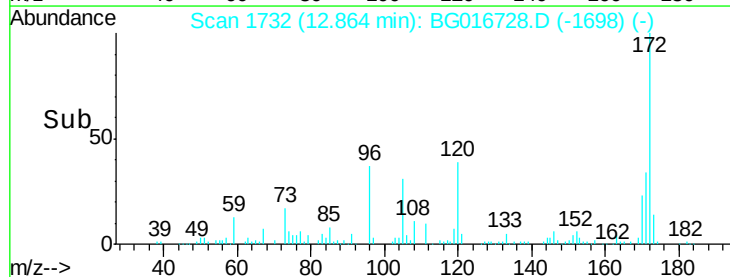
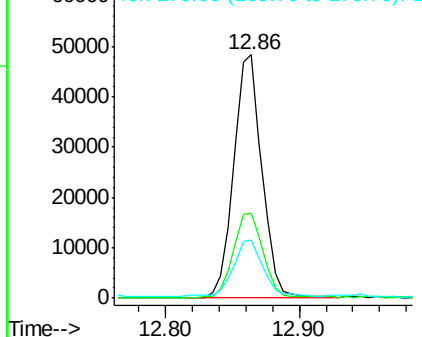


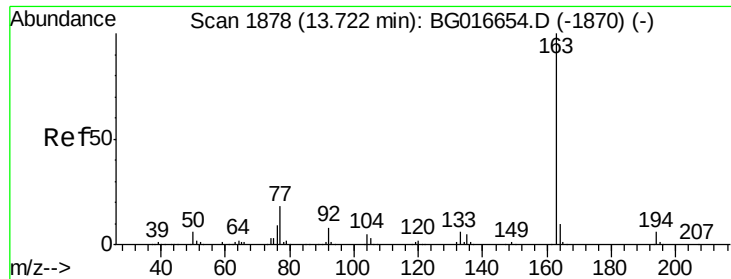
#44
 2-Fluorobiphenyl
 Concen: 6.87 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

Tgt Ion:172 Resp: 71007
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 24.0 19.8 29.8



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





#49

Dimethylphthalate

Concen: 3.65 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Instrument :

BNA_G

ClientSampleId :

MW-12RE

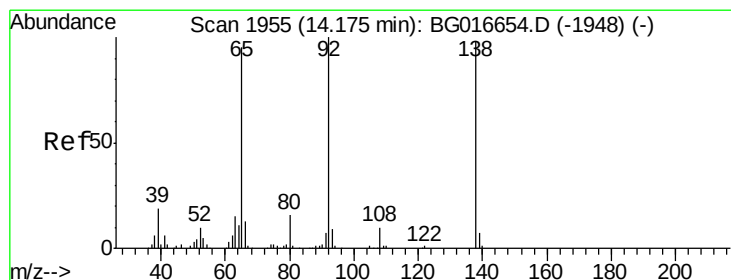
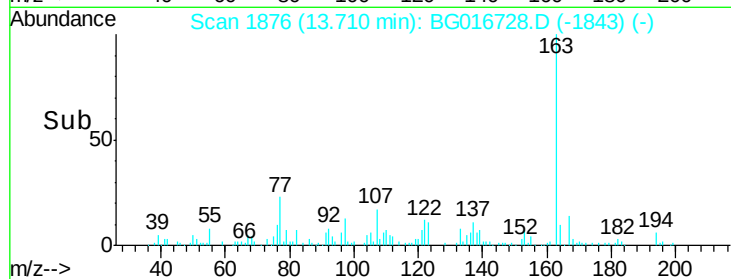
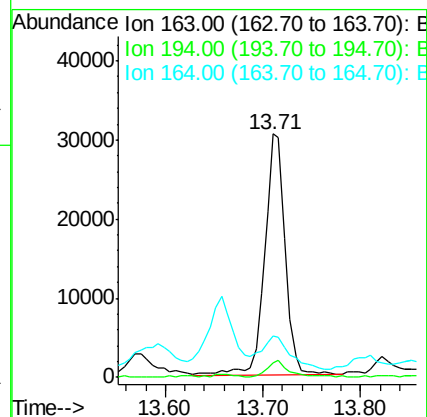
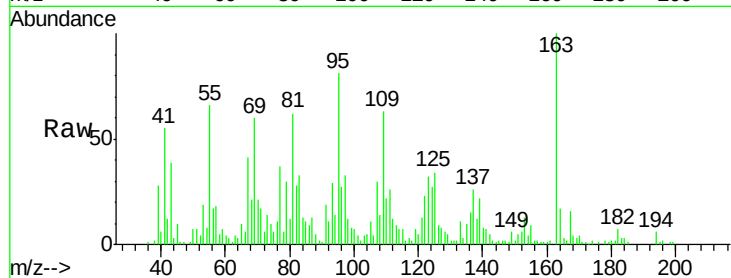
Tgt Ion:163 Resp: 45256

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

164 16.9 7.8 11.8#



#52

3-Nitroaniline

Concen: 2.57 ng

RT: 14.17 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

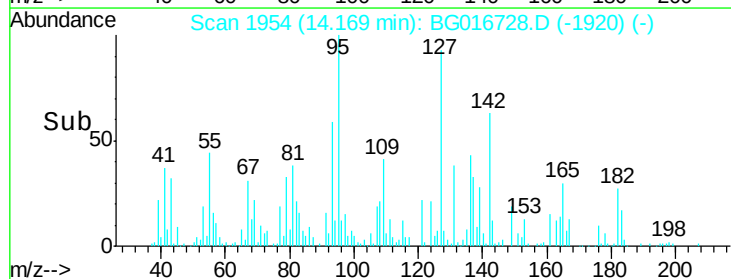
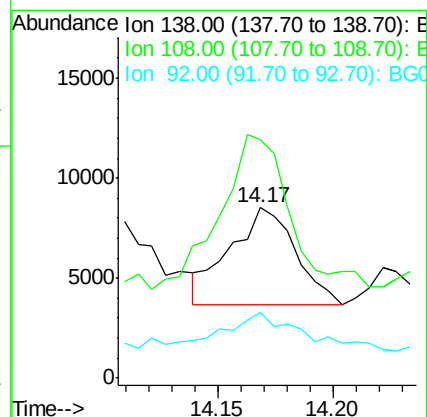
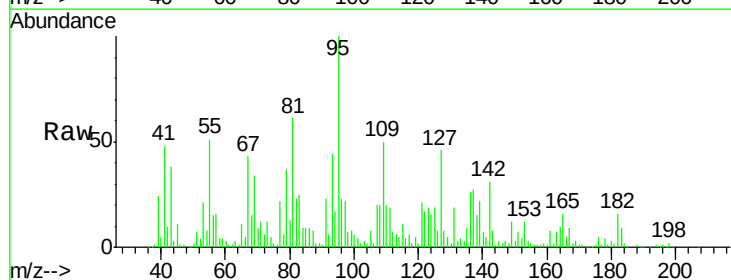
Tgt Ion:138 Resp: 9472

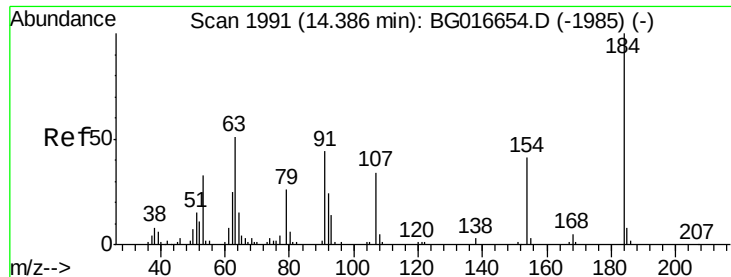
Ion Ratio Lower Upper

138 100

108 140.1 7.8 11.6#

92 38.6 81.9 122.9#

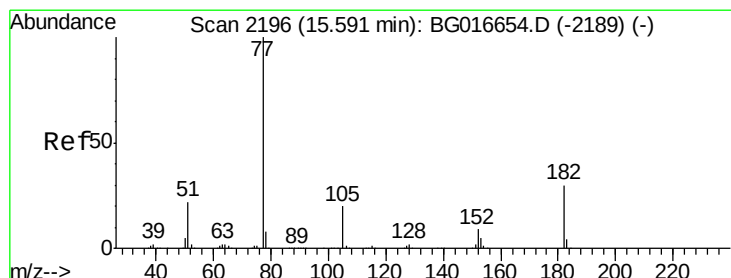
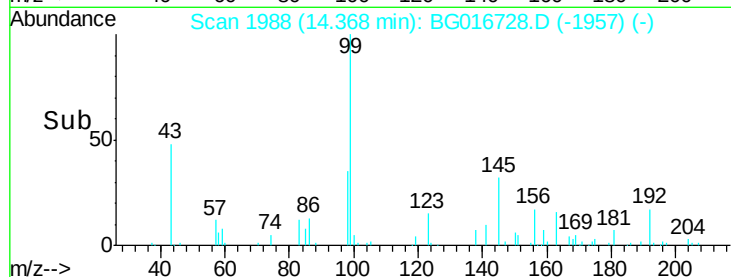
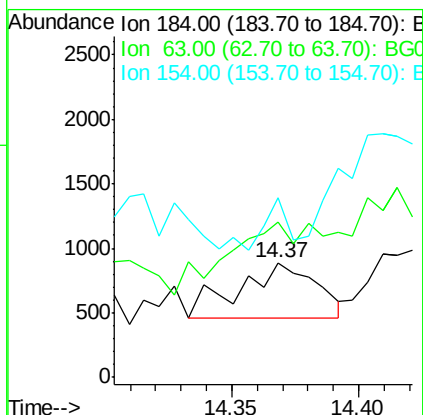
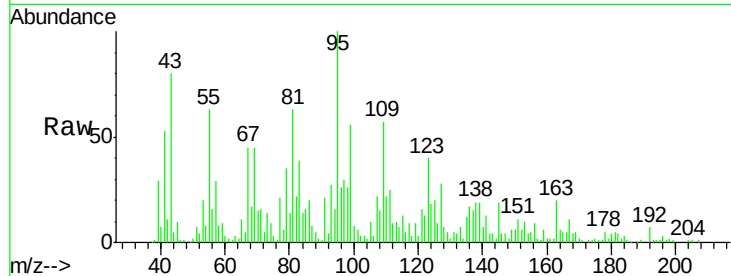




#53
 2,4-Dinitrophenol
 Concen: 8.11 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

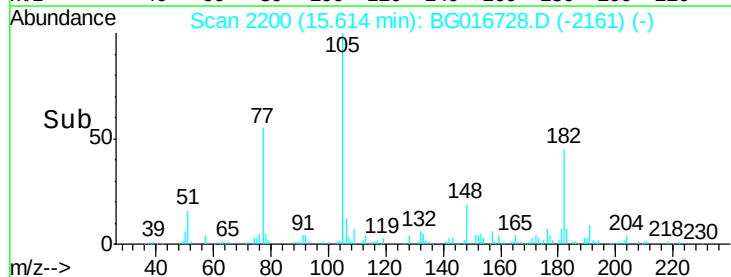
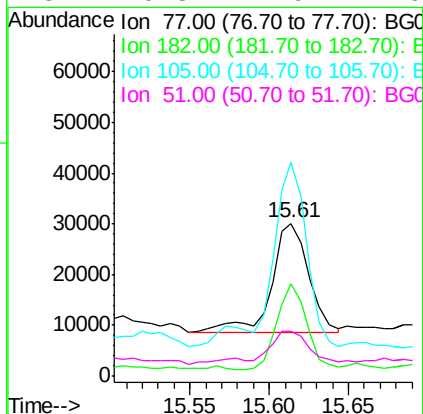
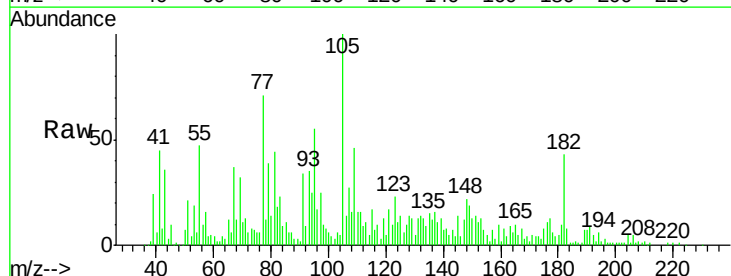
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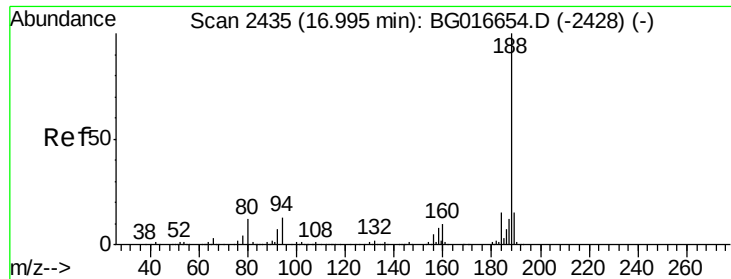
Tgt Ion: 184 Resp: 917
 Ion Ratio Lower Upper
 184 100
 63 135.1 40.7 61.1#
 154 156.2 34.1 51.1#



#62
 Azobenzene
 Concen: 2.95 ng
 RT: 15.61 min Scan# 2200
 Delta R.T. 0.03 min
 Lab File: BG016728.D
 Acq: 25 Apr 2015 23:47

Tgt Ion: 77 Resp: 34909
 Ion Ratio Lower Upper
 77 100
 182 60.8 9.8 49.8#
 105 140.0 0.0 39.5#
 51 29.8 1.9 41.9

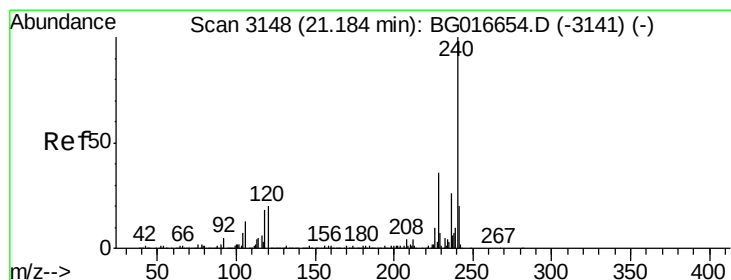
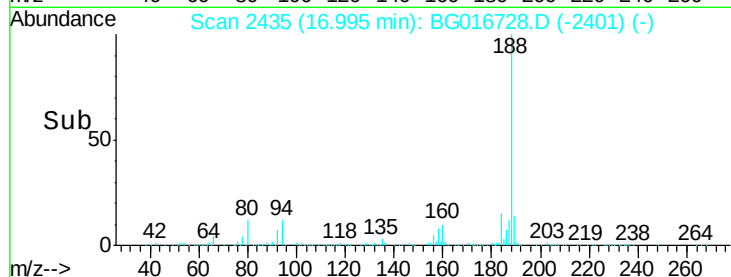
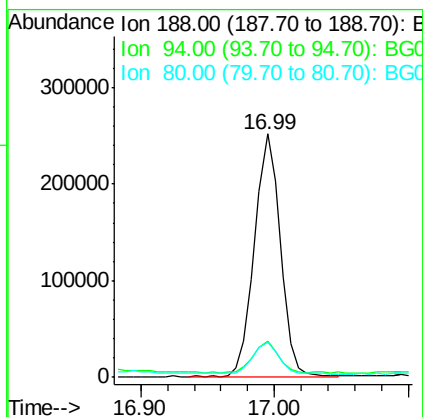
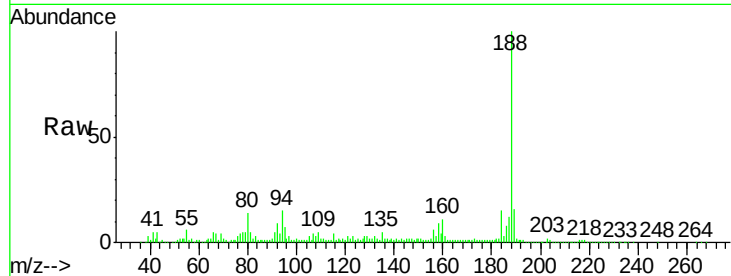




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG016728.D
Acq: 25 Apr 2015 23:47

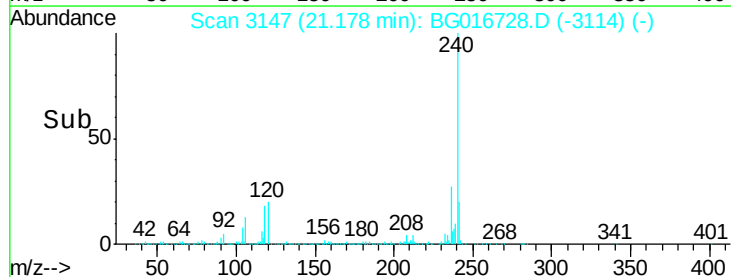
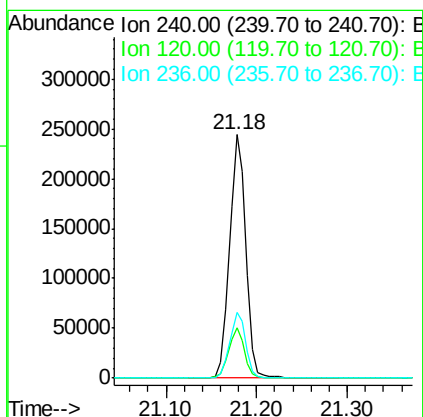
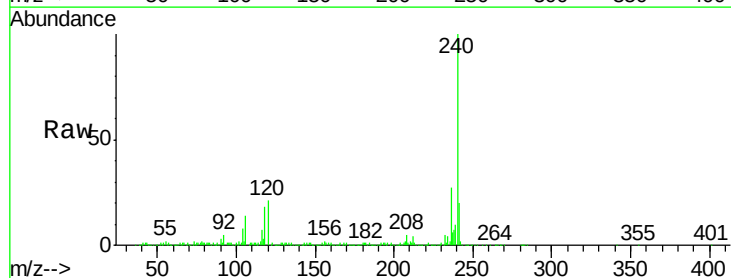
Instrument :
BNA_G
ClientSampleId :
MW-12RE

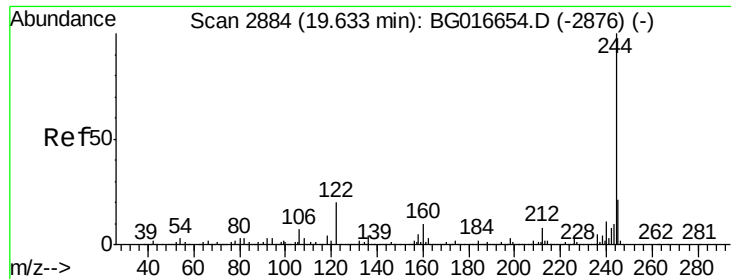
Tgt Ion:188 Resp: 332962
Ion Ratio Lower Upper
188 100
94 14.9 10.7 16.1
80 14.4 9.9 14.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016728.D
Acq: 25 Apr 2015 23:47

Tgt Ion:240 Resp: 303473
Ion Ratio Lower Upper
240 100
120 20.5 16.3 24.5
236 27.2 21.1 31.7





#78

Terphenyl-d14

Concen: 5.77 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

Instrument :

BNA_G

ClientSampleId :

MW-12RE

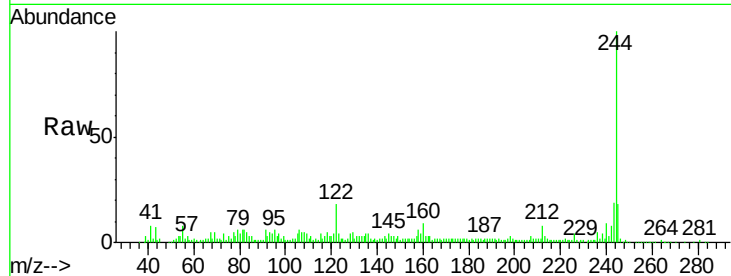
Tgt Ion:244 Resp: 76076

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

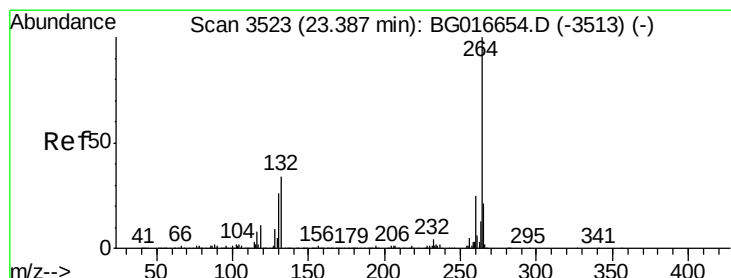
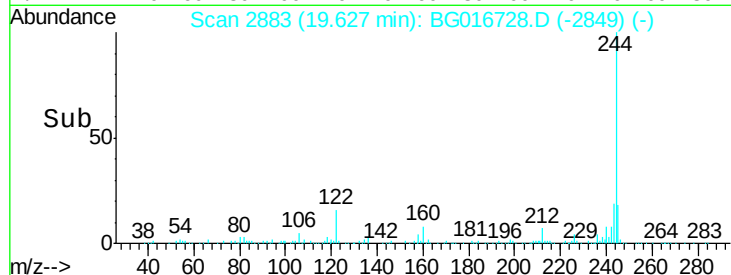
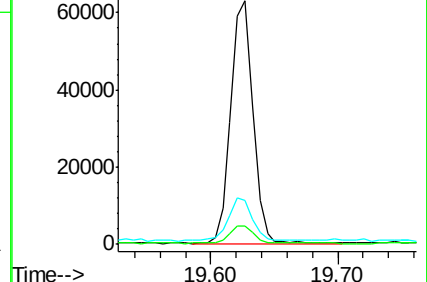
122 18.0 15.9 23.9



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: 20.00 ng

RT: 23.39 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG016728.D

Acq: 25 Apr 2015 23:47

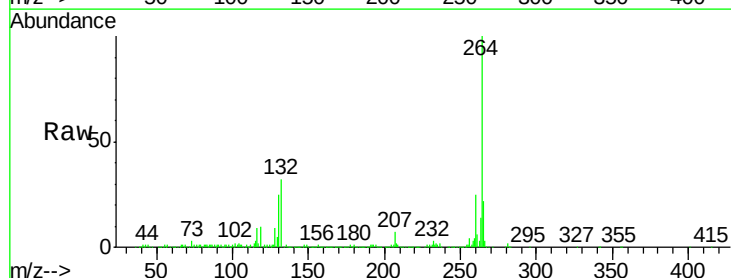
Tgt Ion:264 Resp: 288059

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 22.0 16.8 25.2



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

