

Data Path : Z:\HPCHEM1\BNA_G\Data\BG042815\
 Data File : BG016785.D
 Acq On : 29 Apr 2015 5:36
 Operator : TP/IZ
 Sample : G2004-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-26

Quant Time: Apr 29 06:51:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 00:55:31 2015
 Response via : Initial Calibration

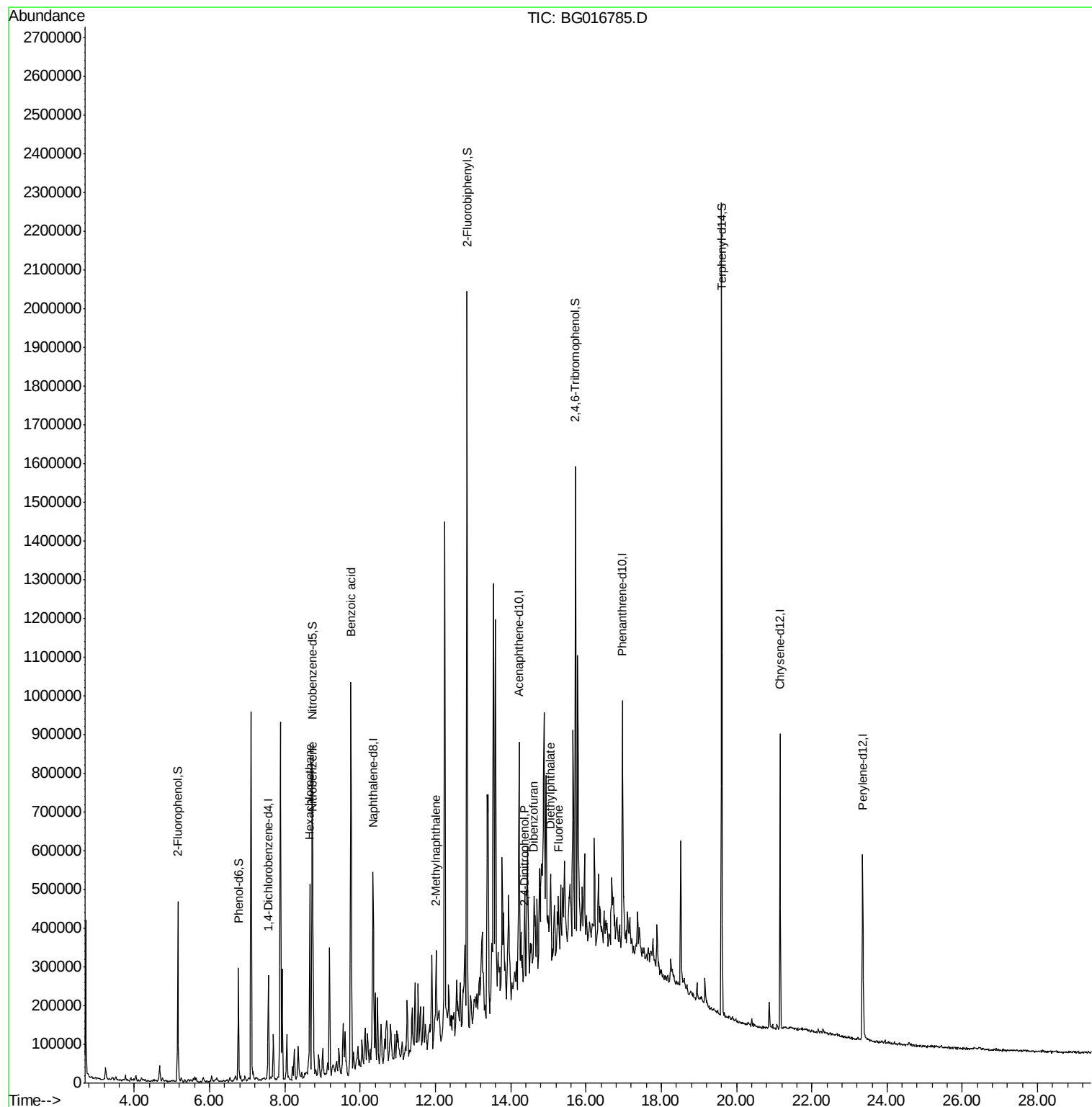
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	78494	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	349927	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	200156	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	346295	20.00	ng	0.00
75) Chrysene-d12	21.16	240	298458	20.00	ng	0.00
86) Perylene-d12	23.35	264	282298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	235668	48.72	ng	0.00
7) Phenol-d6	6.77	99	199462	29.39	ng	0.00
23) Nitrobenzene-d5	8.73	82	395134	71.35	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	152263	102.54	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	930921	74.72	ng	0.00
78) Terphenyl-d14	19.61	244	810372	62.55	ng	0.00
Target Compounds						
18) Hexachloroethane	8.67	117	54793	24.59	ng	# 1
24) Nitrobenzene	8.75	77	14085	2.42	ng	# 3
32) Benzoic acid	9.75	122	375	8.96	ng	# 1
37) 2-Methylnaphthalene	12.03	142	118307	8.88	ng	99
53) 2,4-Dinitrophenol	14.35	184	134	7.67	ng	# 1
54) Dibenzofuran	14.62	168	55466	3.10	ng	# 83
57) Fluorene	15.28	166	49486	3.16	ng	# 97
59) Diethylphthalate	15.06	149	32983	2.11	ng	# 66

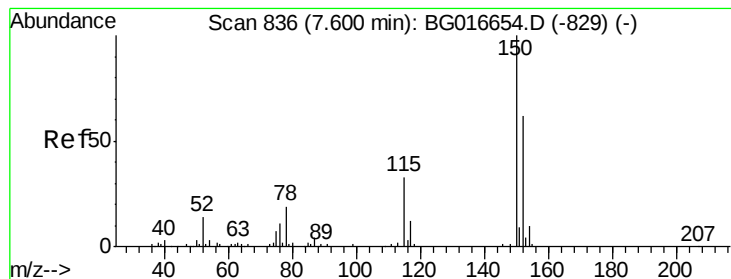
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

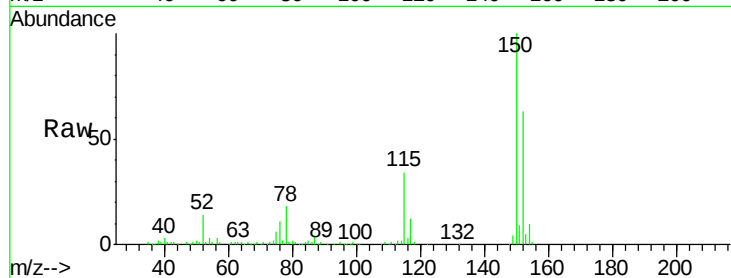
Tgt Ion:152 Resp: 78494

Ion Ratio Lower Upper

152 100

150 157.7 129.6 194.4

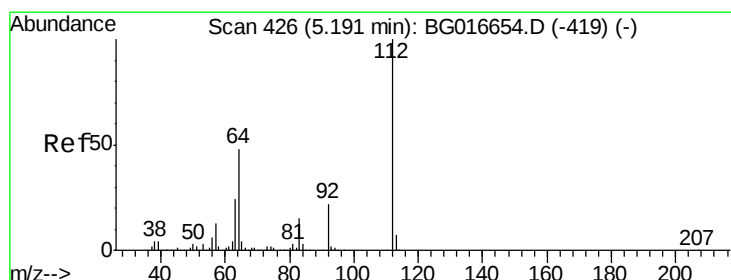
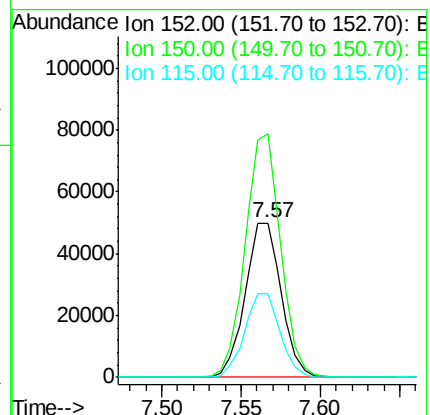
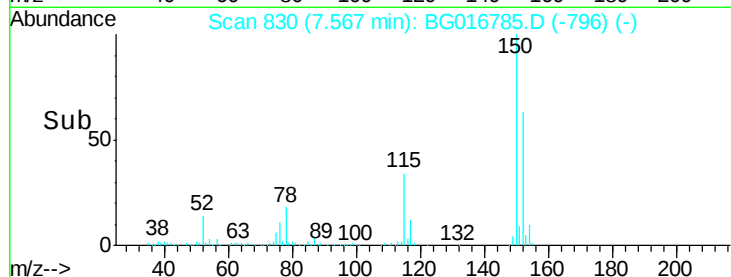
115 53.9 43.0 64.6



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: 48.72 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

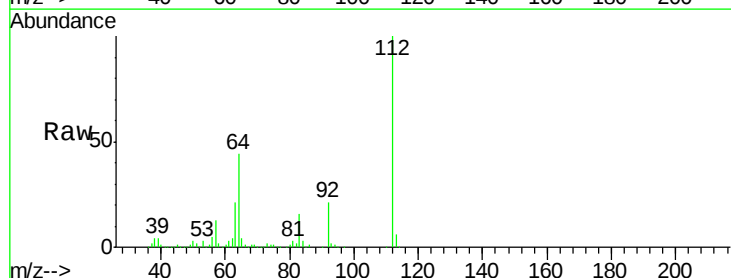
Tgt Ion:112 Resp: 235668

Ion Ratio Lower Upper

112 100

64 43.9 38.3 57.5

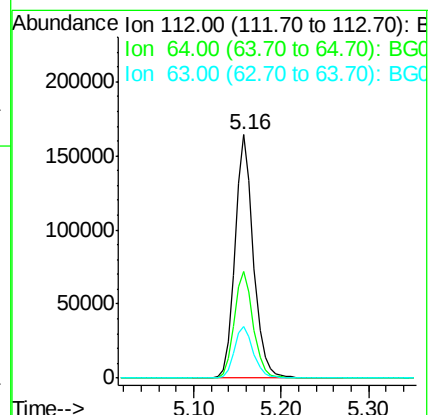
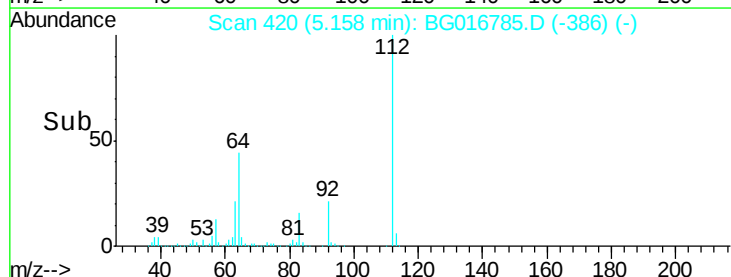
63 21.4 18.9 28.3

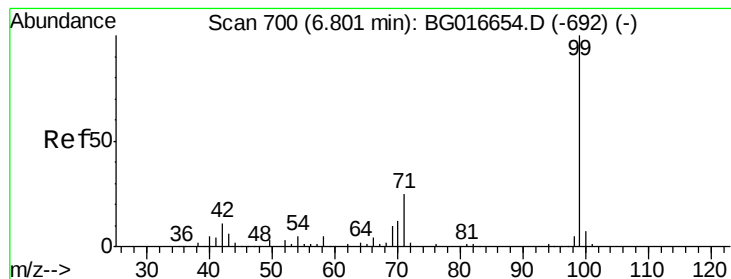


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.39 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

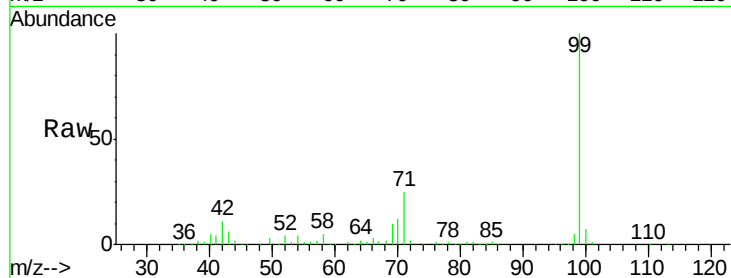
Tgt Ion: 99 Resp: 199462

Ion Ratio Lower Upper

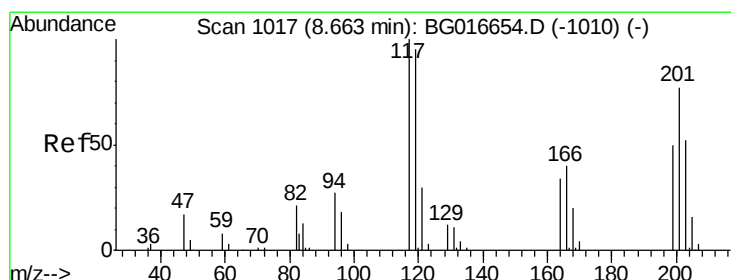
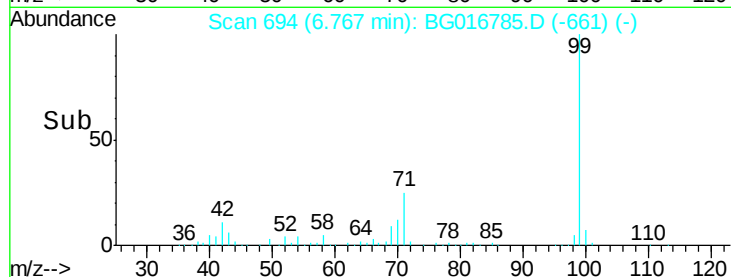
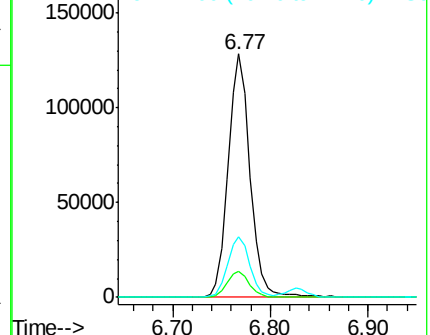
99 100

42 10.8 8.8 13.2

71 25.0 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



#18

Hexachloroethane

Concen: 24.59 ng

RT: 8.67 min Scan# 1017

Delta R.T. 0.04 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

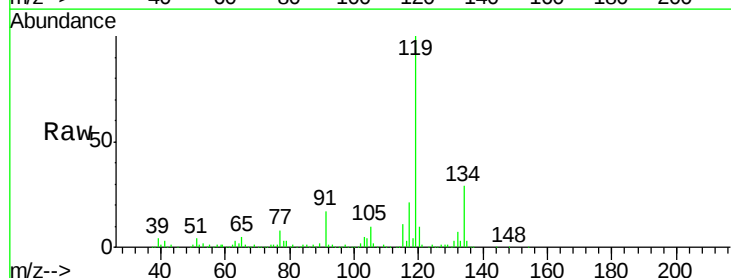
Tgt Ion: 117 Resp: 54793

Ion Ratio Lower Upper

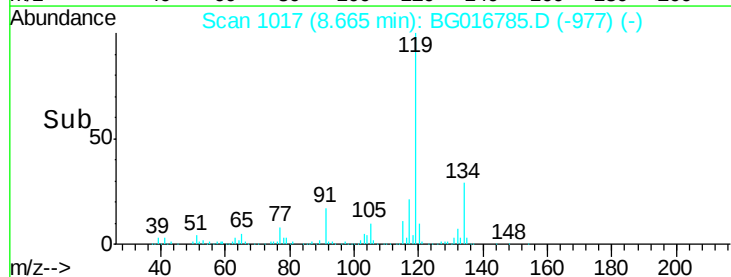
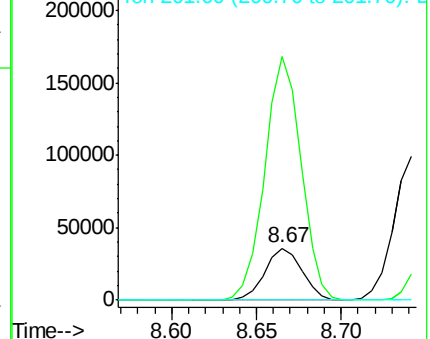
117 100

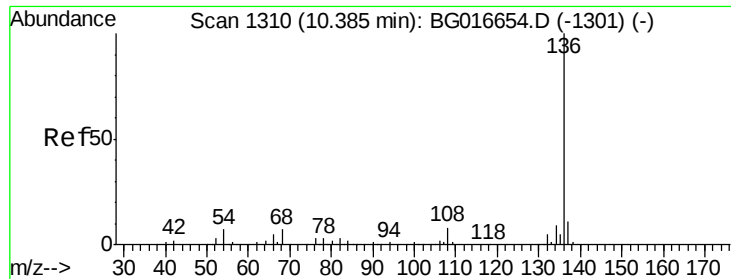
119 468.0 76.3 114.5#

201 0.0 61.5 92.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.35 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

Tgt Ion:136 Resp: 349927

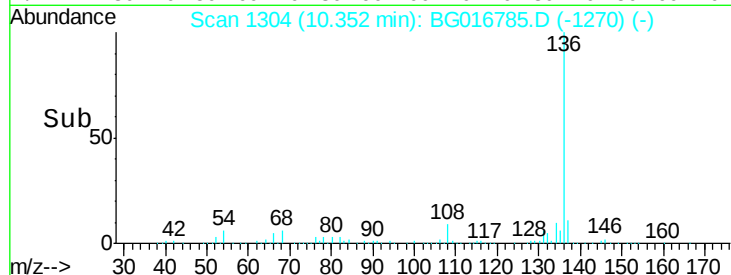
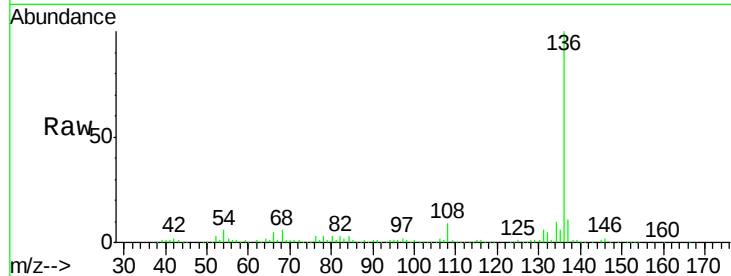
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.0 5.4 8.2

68 6.1 5.2 7.8

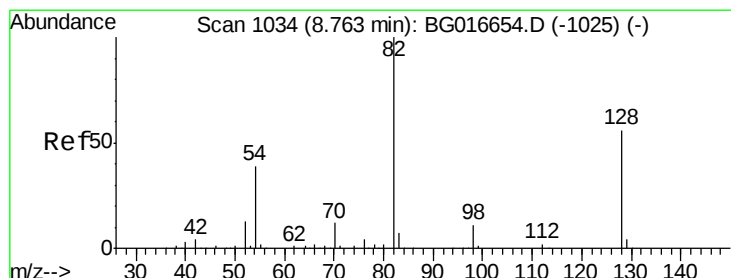
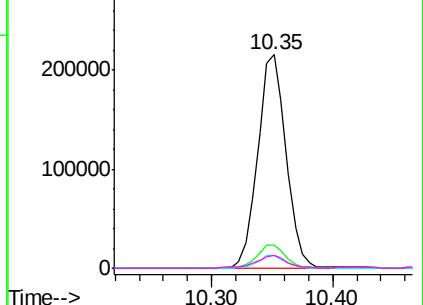


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 71.35 ng

RT: 8.73 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

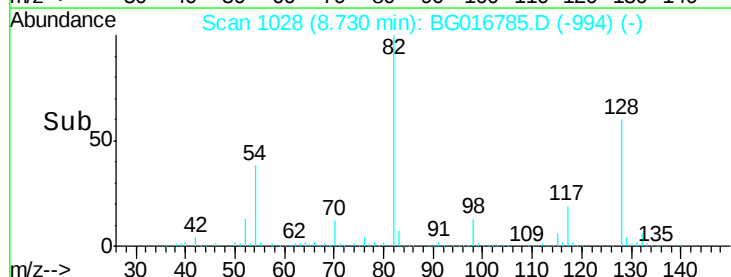
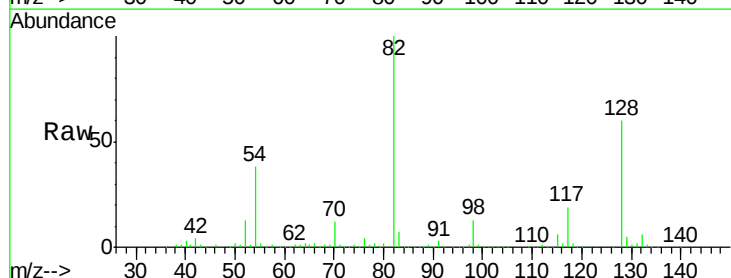
Tgt Ion: 82 Resp: 395134

Ion Ratio Lower Upper

82 100

128 60.3 44.7 67.1

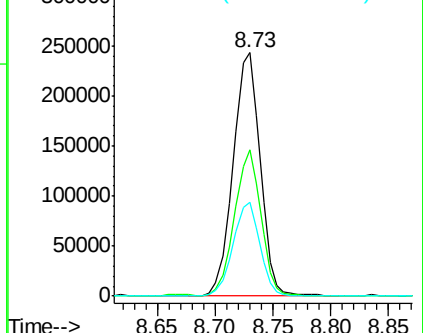
54 38.3 30.9 46.3

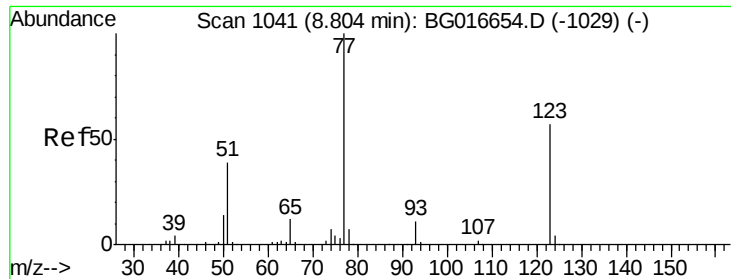


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

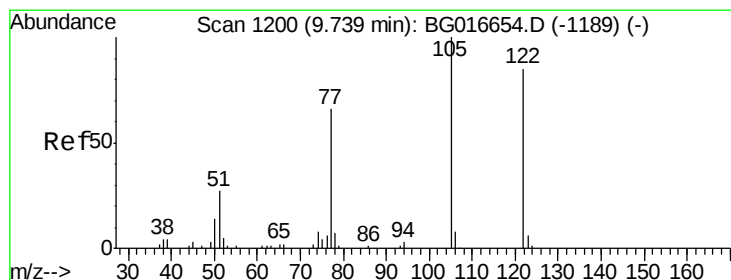
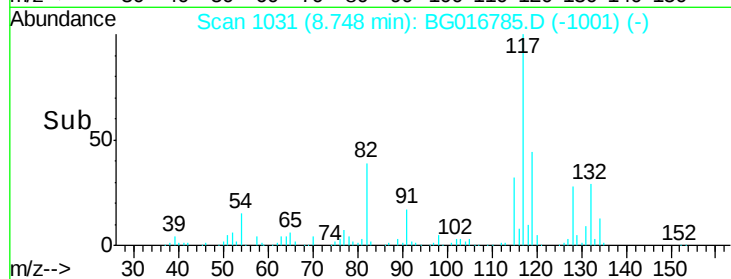
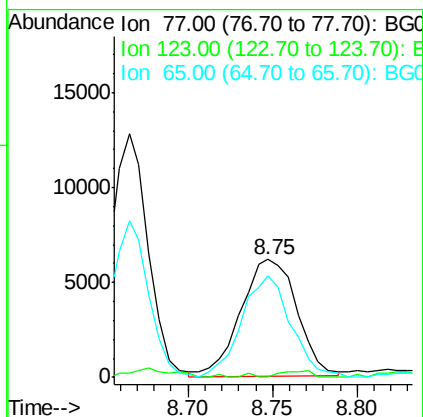
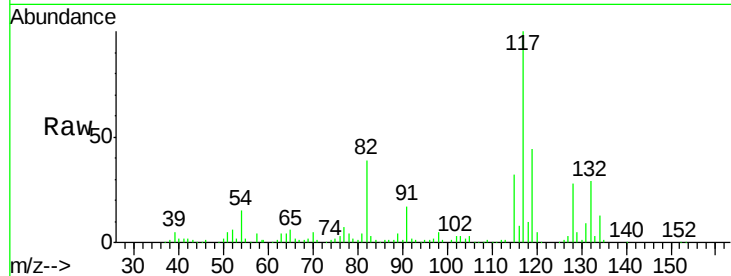




#24
 Nitrobenzene
 Concen: 2.42 ng
 RT: 8.75 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG016785.D
 Acq: 29 Apr 2015 5:36

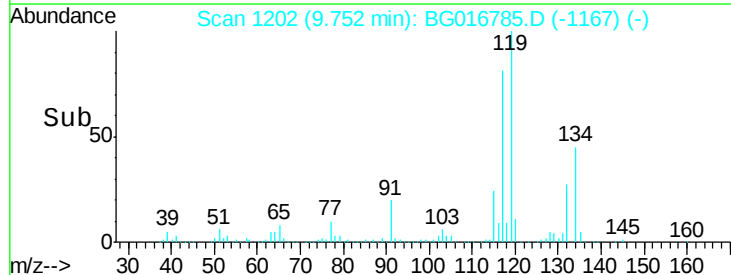
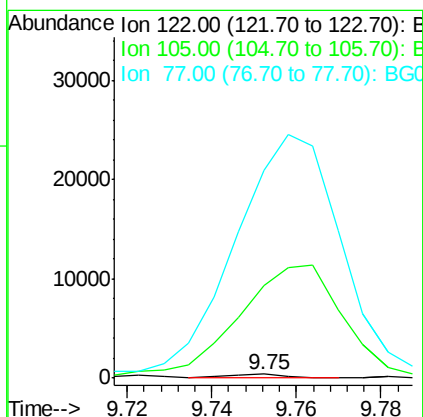
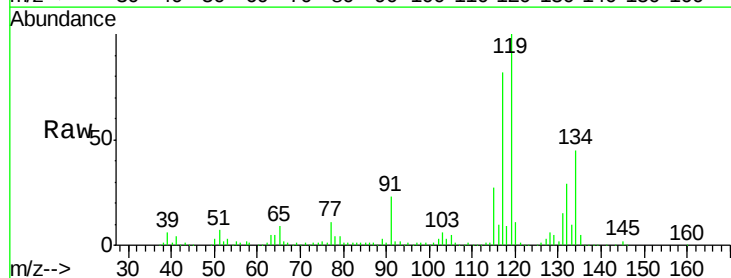
Instrument :
 BNA_G
 ClientSampleId :
 MW-26

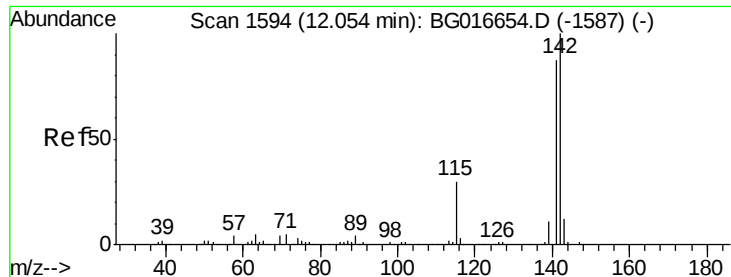
Tgt Ion: 77 Resp: 14085
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.6 68.4#
 65 86.0 9.4 14.2#



#32
 Benzoic acid
 Concen: 8.96 ng
 RT: 9.75 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BG016785.D
 Acq: 29 Apr 2015 5:36

Tgt Ion: 122 Resp: 375
 Ion Ratio Lower Upper
 122 100
 105 2499.2 97.2 137.2#
 77 5572.3 58.4 98.4#

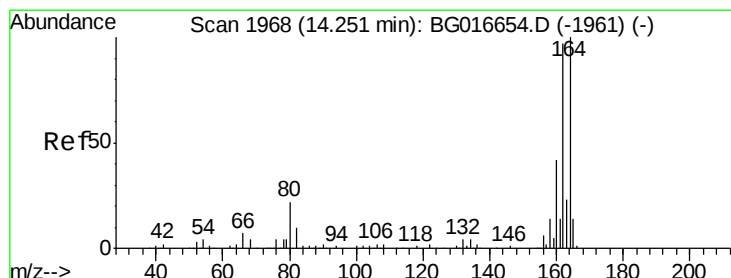
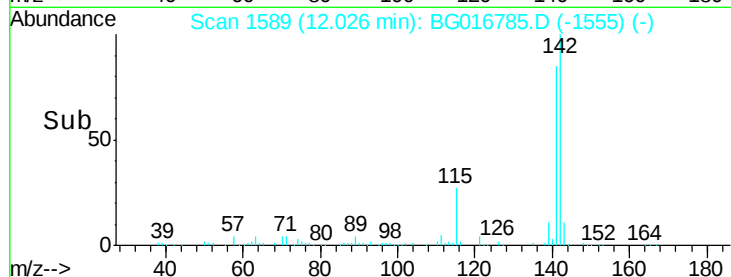
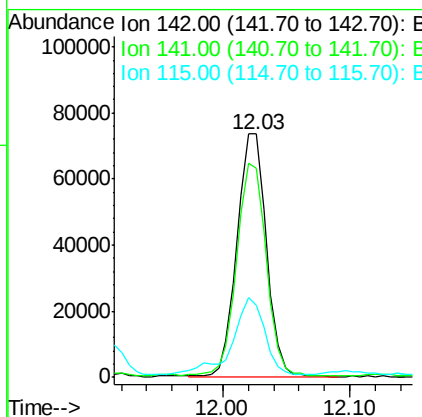
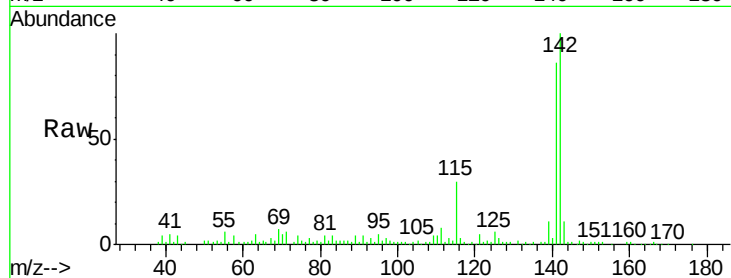




#37
2-Methylnaphthalene
Concen: 8.88 ng
RT: 12.03 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG016785.D
Acq: 29 Apr 2015 5:36

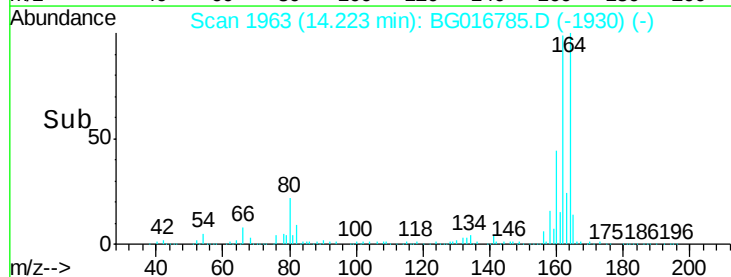
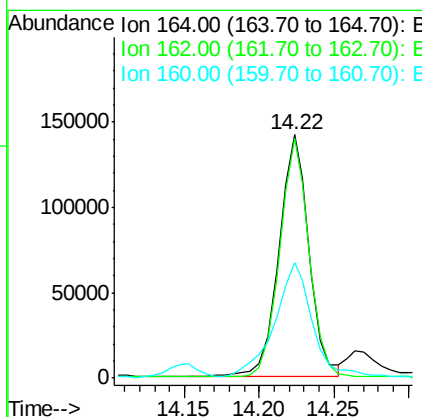
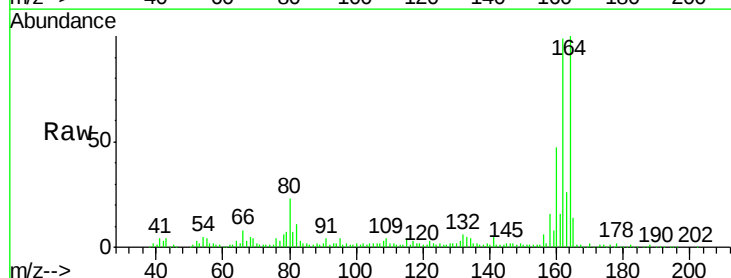
Instrument :
BNA_G
ClientSampleId :
MW-26

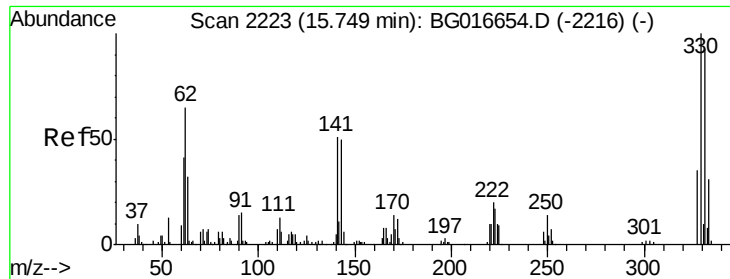
Tgt Ion:142 Resp: 118307
Ion Ratio Lower Upper
142 100
141 85.8 69.9 104.9
115 29.8 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016785.D
Acq: 29 Apr 2015 5:36

Tgt Ion:164 Resp: 200156
Ion Ratio Lower Upper
164 100
162 98.7 77.3 115.9
160 47.3 33.7 50.5

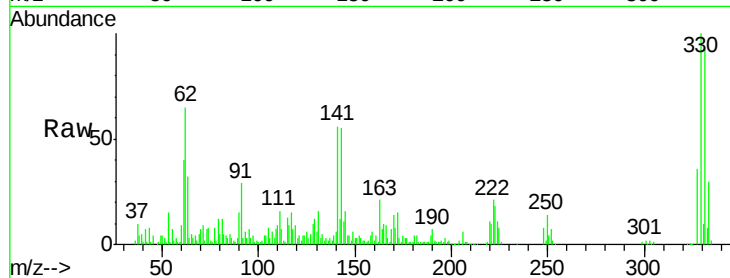




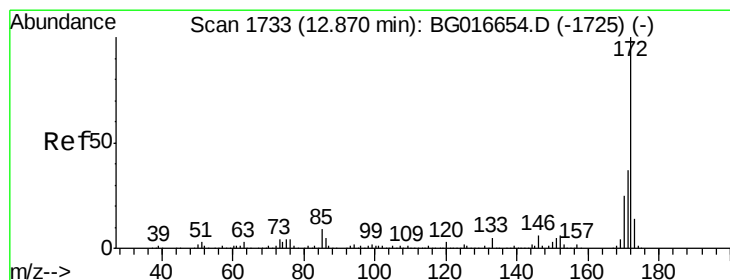
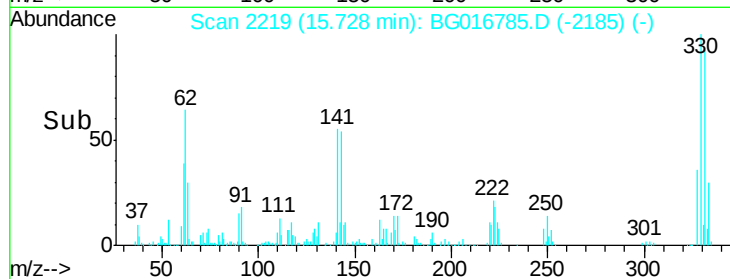
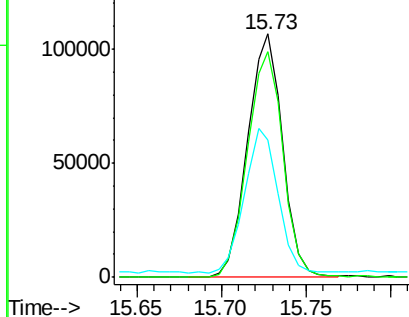
#41
 2,4,6-Tribromophenol
 Concen: 102.54 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG016785.D
 Acq: 29 Apr 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-26

Tgt Ion: 330 Resp: 152263
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 57.6 43.0 64.6

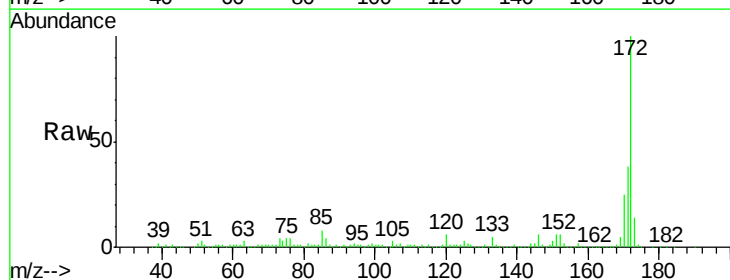


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

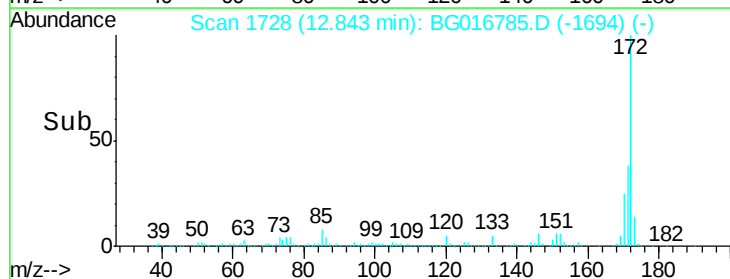
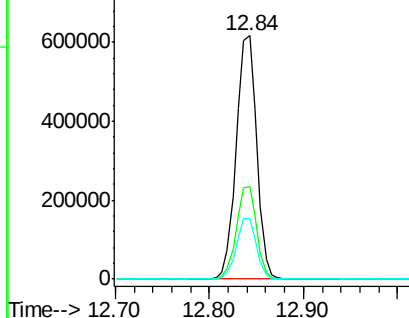


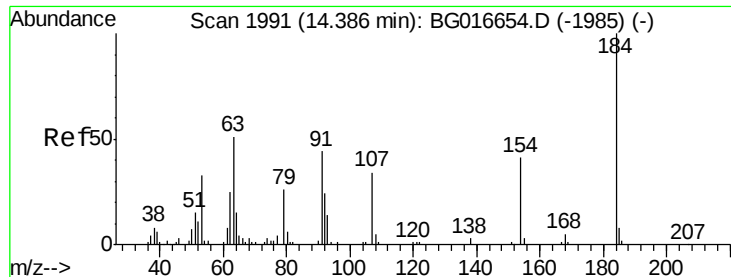
#44
 2-Fluorobiphenyl
 Concen: 74.72 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016785.D
 Acq: 29 Apr 2015 5:36

Tgt Ion: 172 Resp: 930921
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 25.0 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





#53

2,4-Dinitrophenol

Concen: 7.67 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

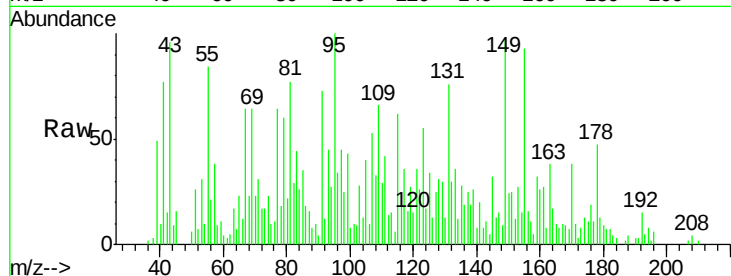
Tgt Ion:184 Resp: 134

Ion Ratio Lower Upper

184 100

63 591.7 40.7 61.1#

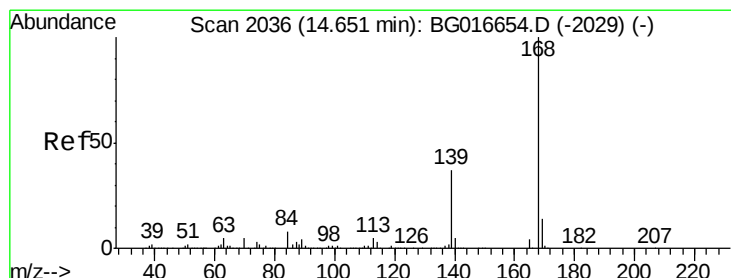
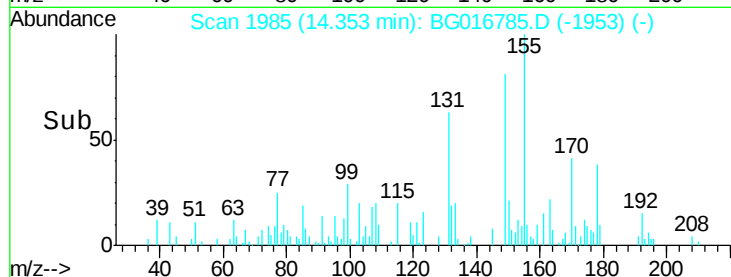
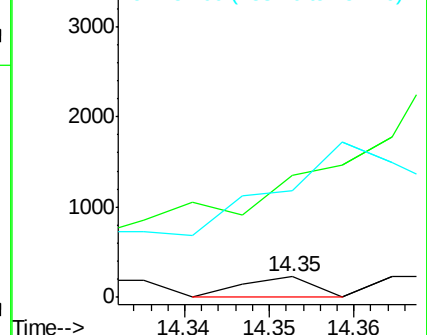
154 513.1 34.1 51.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG016654.D (-1985) (-)

Ion 154.00 (153.70 to 154.70): BG016654.D (-1985) (-)



#54

Dibenzofuran

Concen: 3.10 ng

RT: 14.62 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

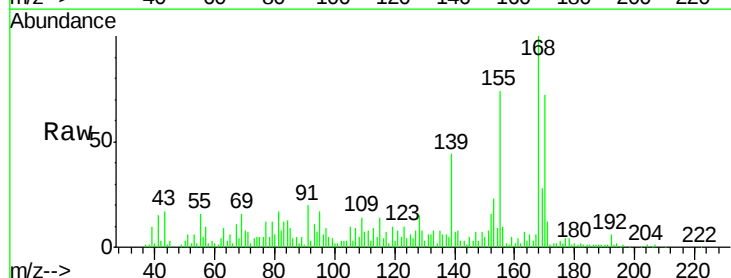
Tgt Ion:168 Resp: 55466

Ion Ratio Lower Upper

168 100

139 43.5 29.8 44.8

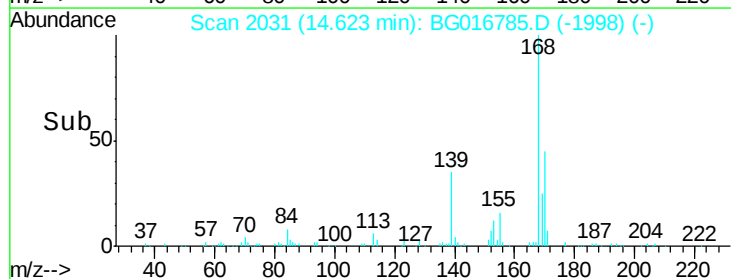
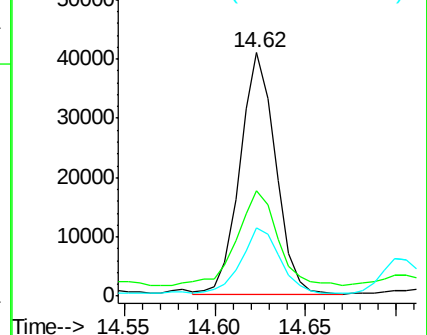
169 27.9 11.0 16.4#

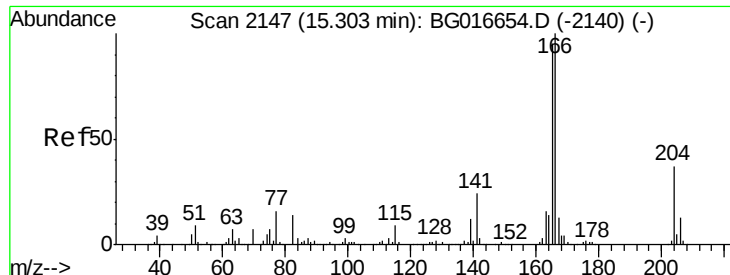


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): BG016654.D (-2029) (-)

Ion 169.00 (168.70 to 169.70): BG016654.D (-2029) (-)





#57

Fluorene

Concen: 3.16 ng

RT: 15.28 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

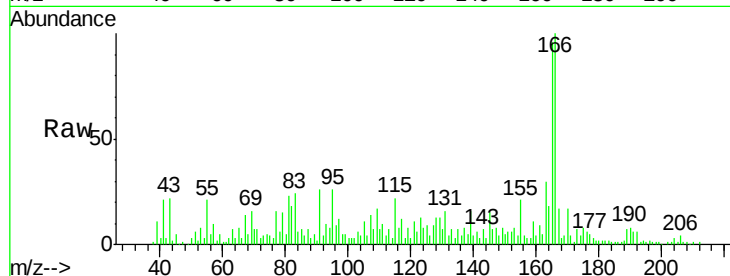
Tgt Ion:166 Resp: 49486

Ion Ratio Lower Upper

166 100

165 96.1 75.6 113.4

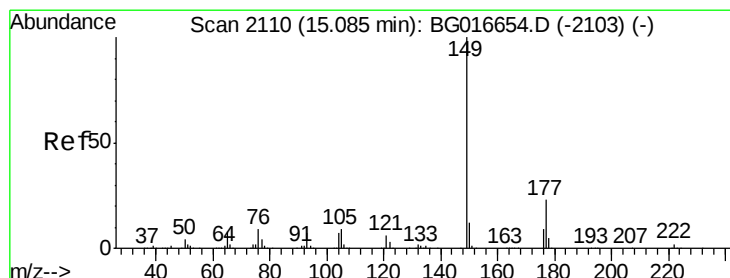
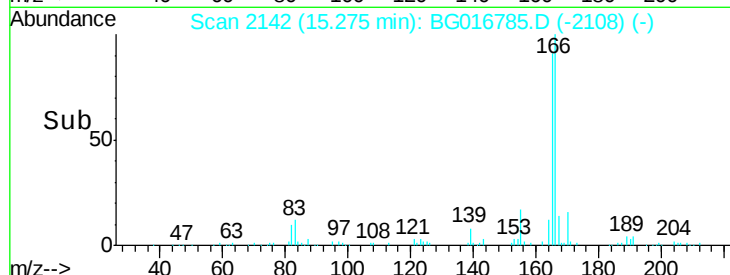
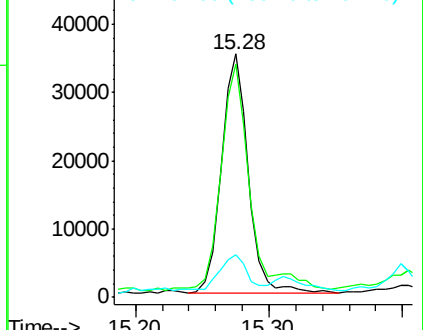
167 17.4 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 2.11 ng

RT: 15.06 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

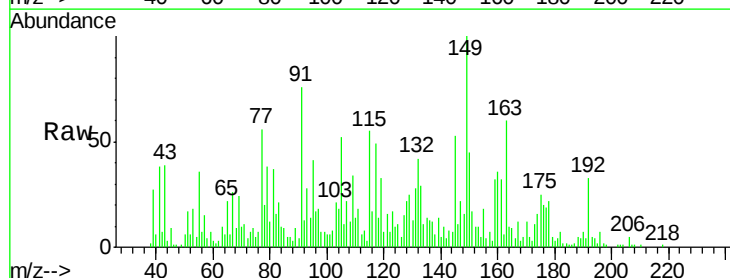
Tgt Ion:149 Resp: 32983

Ion Ratio Lower Upper

149 100

177 19.4 18.2 27.2

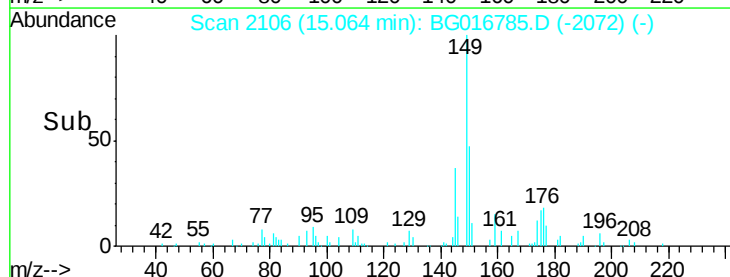
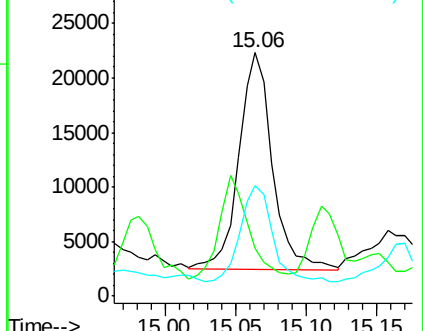
150 45.1 9.8 14.8#

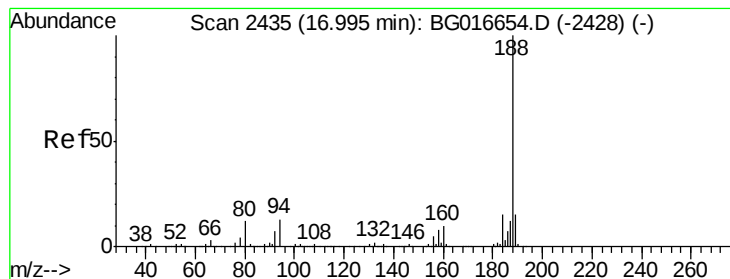


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

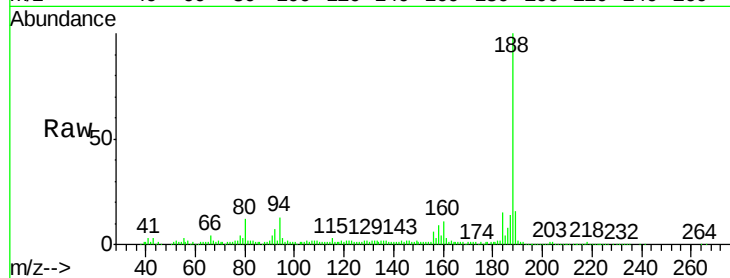
Tgt Ion:188 Resp: 346295

Ion Ratio Lower Upper

188 100

94 12.5 10.7 16.1

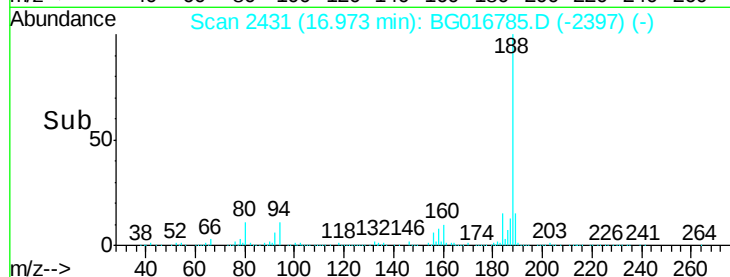
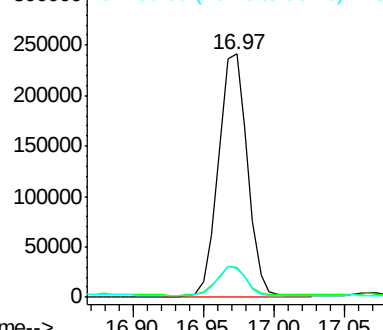
80 11.9 9.9 14.9



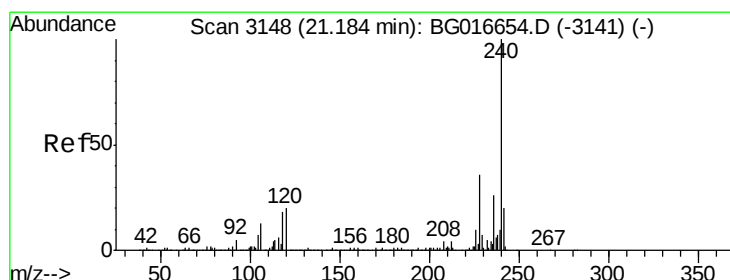
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

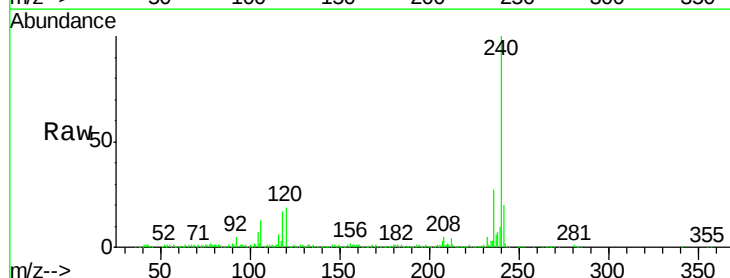
Tgt Ion:240 Resp: 298458

Ion Ratio Lower Upper

240 100

120 19.1 16.3 24.5

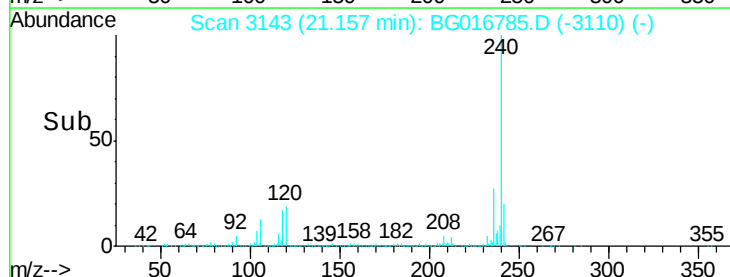
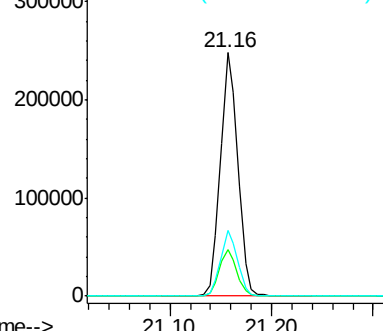
236 26.9 21.1 31.7



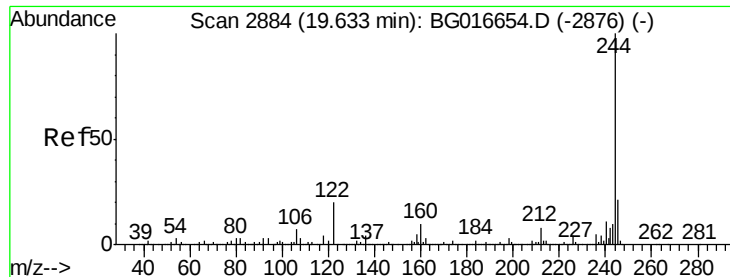
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 62.55 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

Instrument :

BNA_G

ClientSampleId :

MW-26

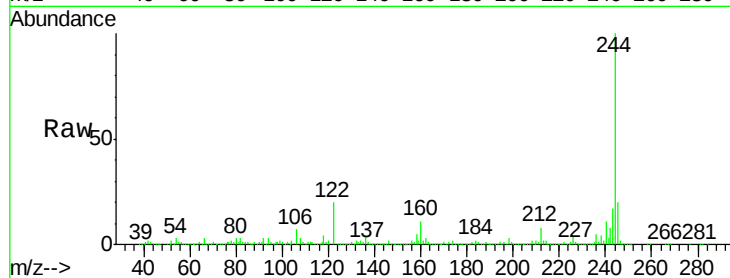
Tgt Ion:244 Resp: 810372

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

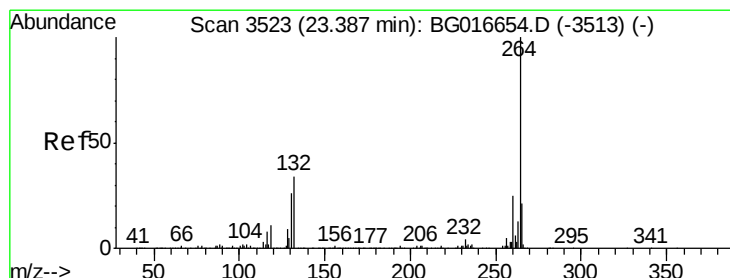
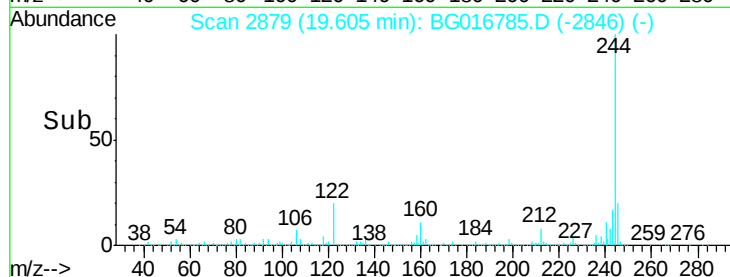
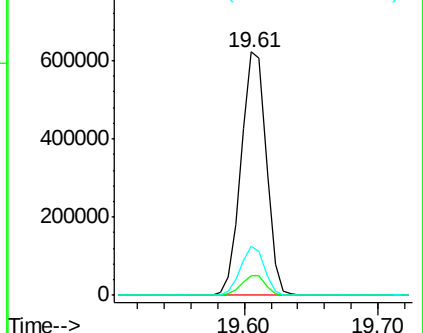
122 20.2 15.9 23.9



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: 23.35 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BG016785.D

Acq: 29 Apr 2015 5:36

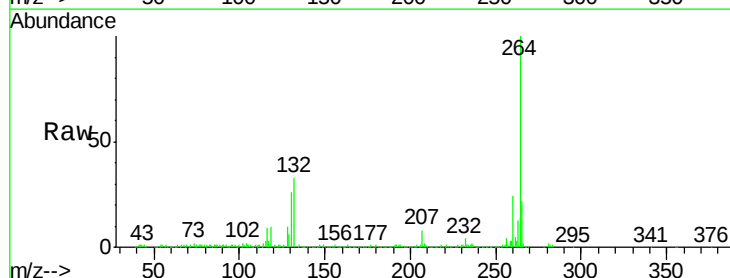
Tgt Ion:264 Resp: 282298

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 21.6 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

