

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016612.D
 Acq On : 22 Apr 2015 9:43
 Operator : TP/IZ
 Sample : G1928-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 15:55:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

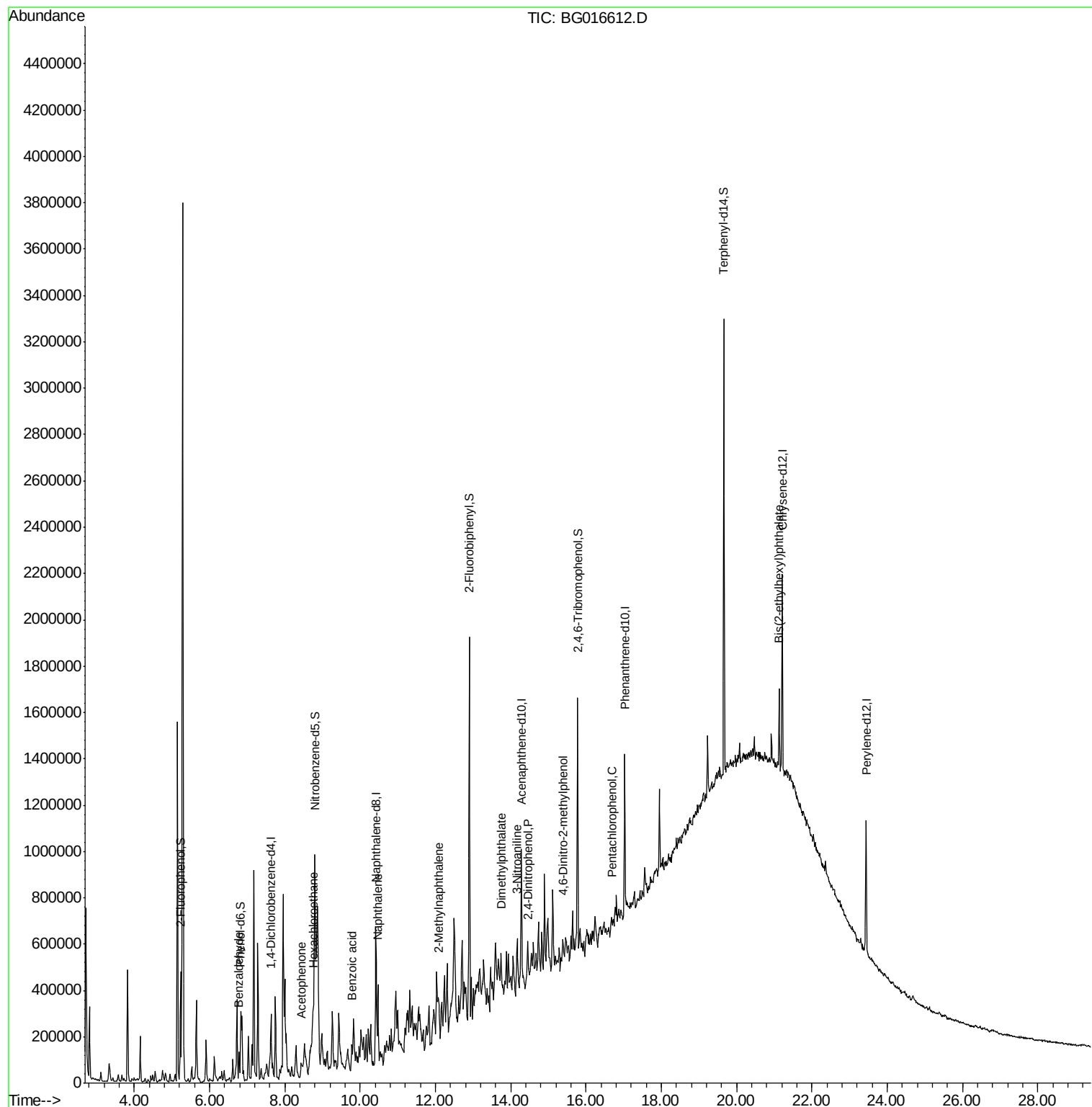
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	71453	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	314191	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	184838	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	371021	20.00	ng	0.00
75) Chrysene-d12	21.21	240	319026	20.00	ng	0.00
86) Perylene-d12	23.44	264	308578	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	232518	52.15	ng	0.00
7) Phenol-d6	6.83	99	201902	32.41	ng	0.00
23) Nitrobenzene-d5	8.79	82	364997	71.53	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	151055	120.32	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	777675	69.68	ng	0.00
78) Terphenyl-d14	19.66	244	728839	55.04	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.78	77	8164	2.88	ng	# 1
18) Hexachloroethane	8.74	117	5908	2.91	ng	# 1
22) Acetophenone	8.43	105	15989	2.28	ng	# 53
31) Naphthalene	10.47	128	260125	15.86	ng	# 99
32) Benzoic acid	9.78	122	812	7.52	ng	# 1
37) 2-Methylnaphthalene	12.09	142	40578	3.46	ng	# 90
49) Dimethylphthalate	13.74	163	41047	3.00	ng	# 92
52) 3-Nitroaniline	14.17	138	15715	3.79	ng	# 12
53) 2,4-Dinitrophenol	14.47	184	414	8.62	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.38	198	538	4.32	ng	# 1
69) Pentachlorophenol	16.69	266	1537	7.13	ng	# 77
83) Bis(2-ethylhexyl)phthalate	21.13	149	123044	7.99	ng	# 97

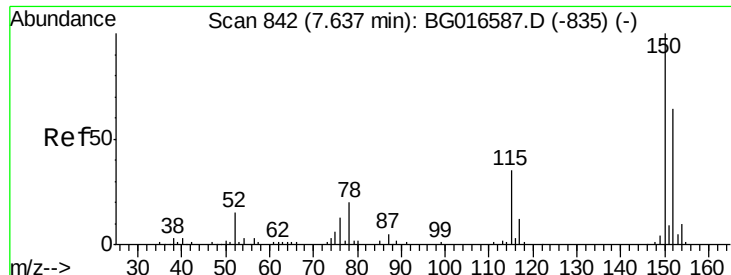
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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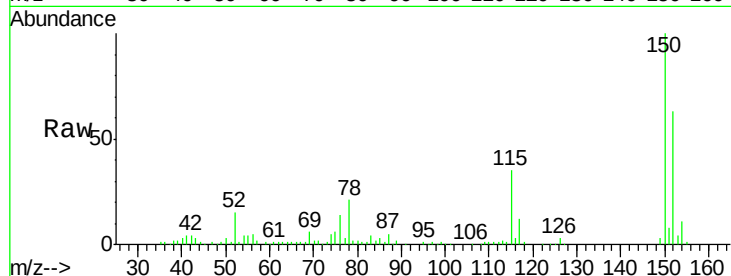


#1

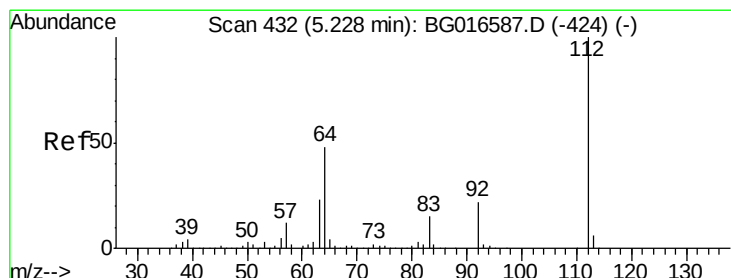
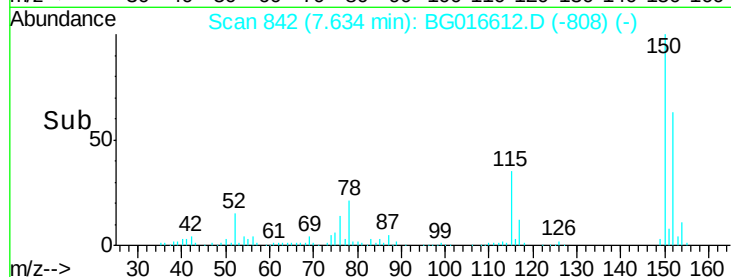
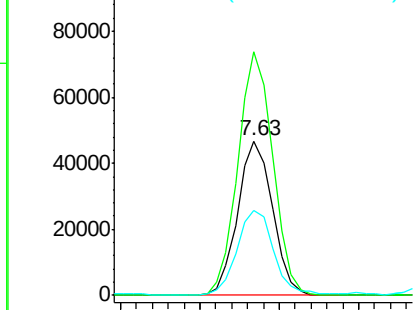
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71453
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 55.3 44.5 66.7



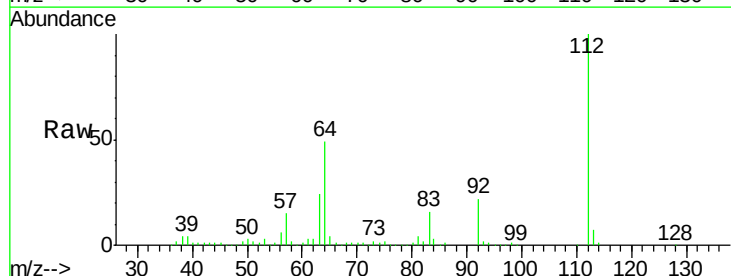
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



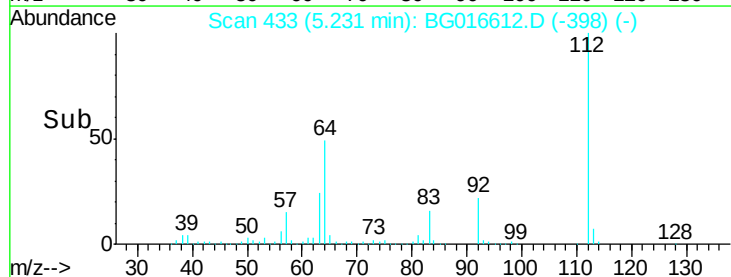
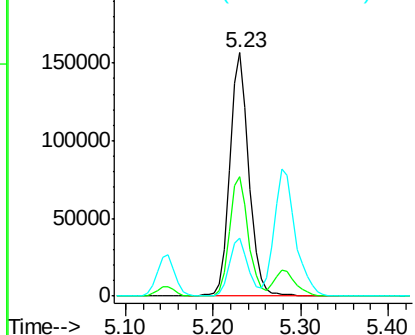
#5

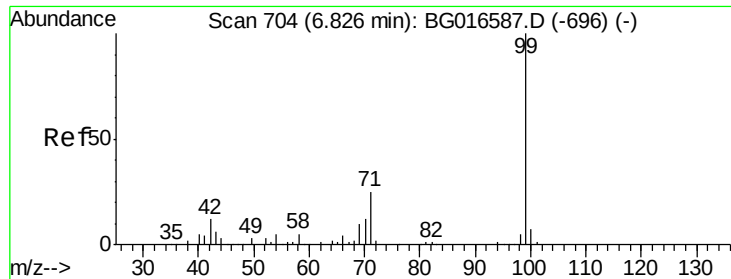
2-Fluorophenol
Concen: 52.15 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:112 Resp: 232518
Ion Ratio Lower Upper
112 100
64 48.8 38.5 57.7
63 23.7 18.2 27.4



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: 32.41 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

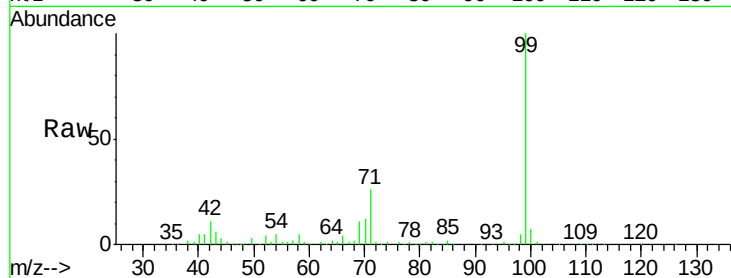
Tot Ion: 99 Resp: 201902

Ion Ratio Lower Upper

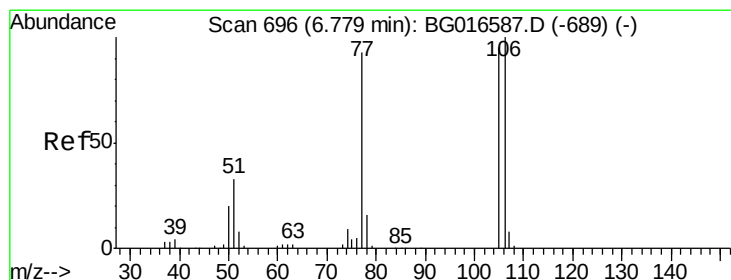
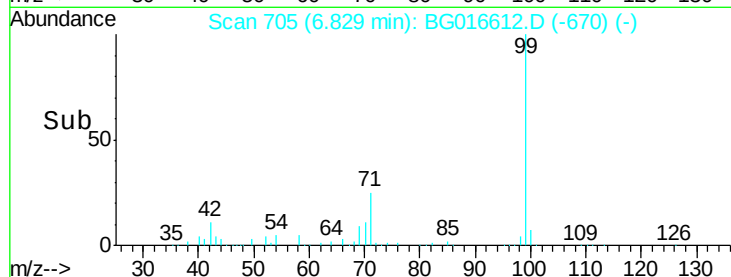
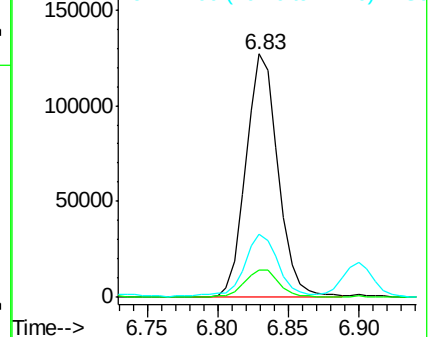
99 100

42 11.2 9.5 14.3

71 26.2 20.2 30.2



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



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.78 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

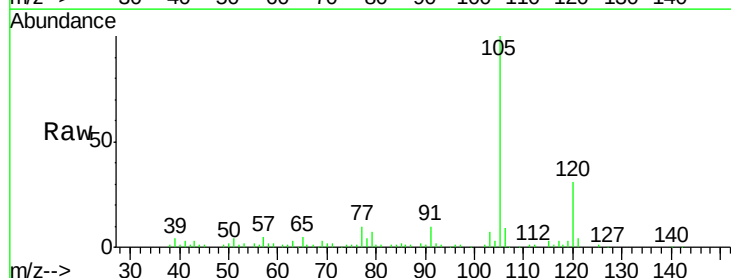
Tgt Ion: 77 Resp: 8164

Ion Ratio Lower Upper

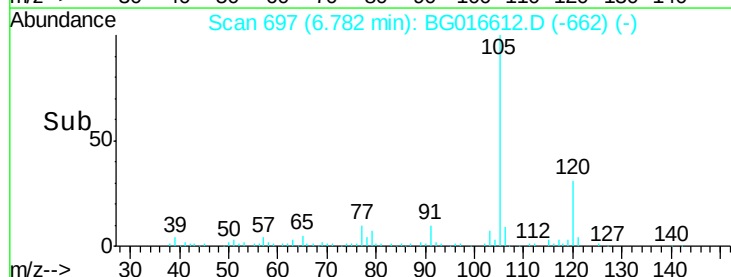
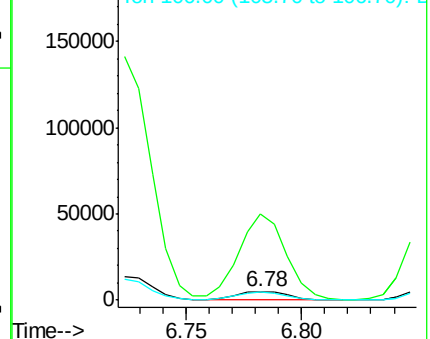
77 100

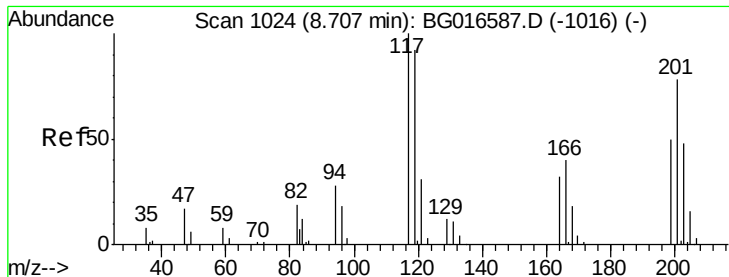
105 986.3 81.6 121.6#

106 89.3 87.4 127.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#18

Hexachloroethane

Concen: 2.91 na

RT: 8.74 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampled :

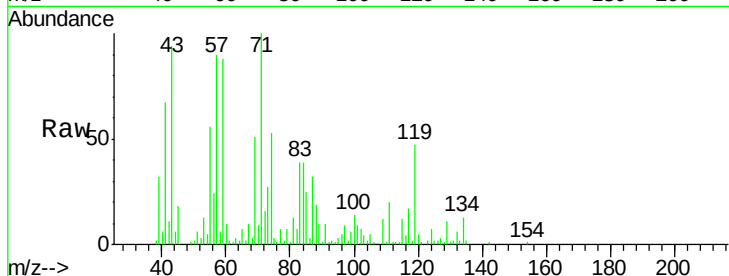
Tot Ion:117 Resp: 5908

Ion Ratio Lower Upper

117 100

119 281.1 73.8 110.8#

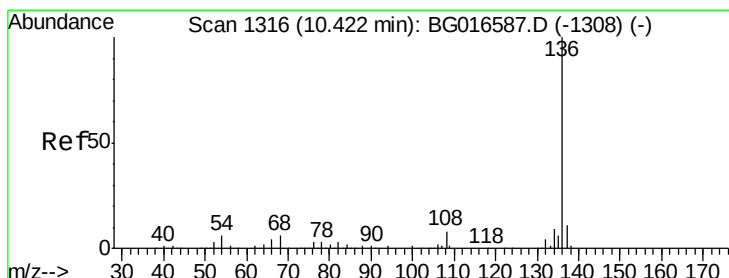
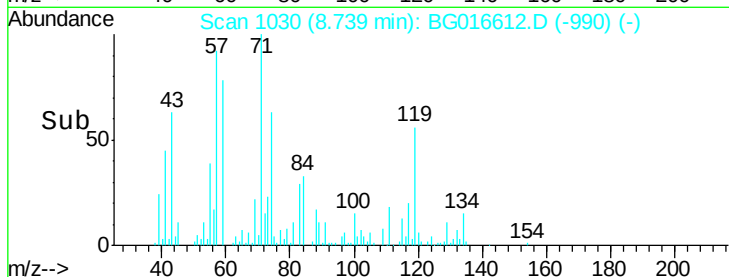
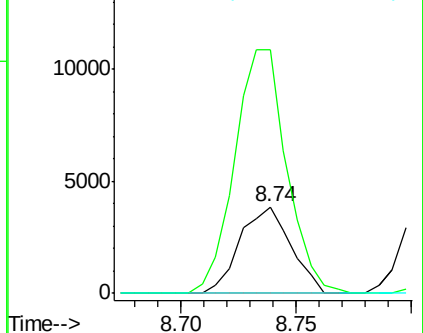
201 0.0 62.2 93.2#



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Tgt Ion:136 Resp: 314191

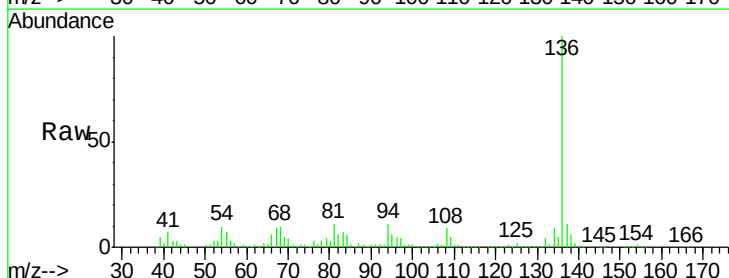
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.8 4.9 7.3#

68 9.7 4.9 7.3#

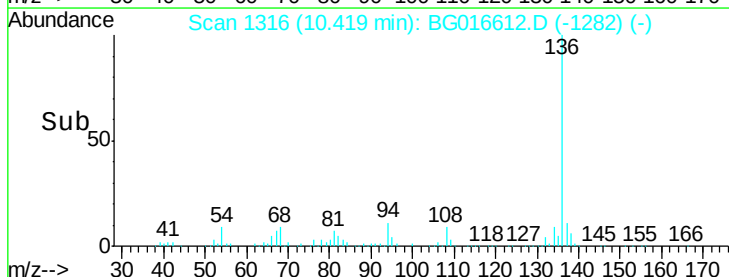
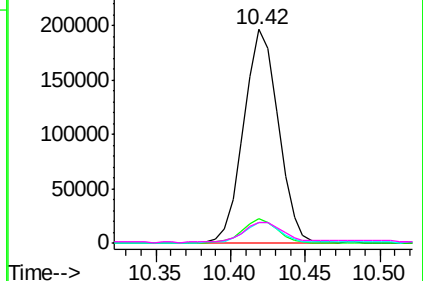


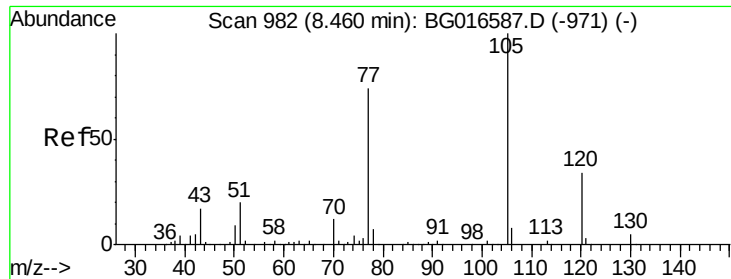
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.28 ng

RT: 8.43 min Scan# 978

Delta R.T. -0.03 min

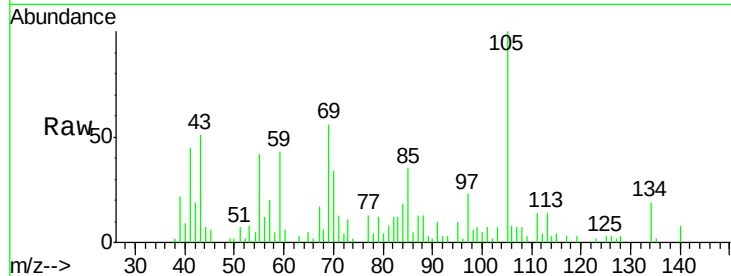
Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampled :



Tot Ion: 105 Resp: 15989

Ion Ratio Lower Upper

105 100

71 13.3 1.8 2.6#

51 6.8 16.5 24.7#

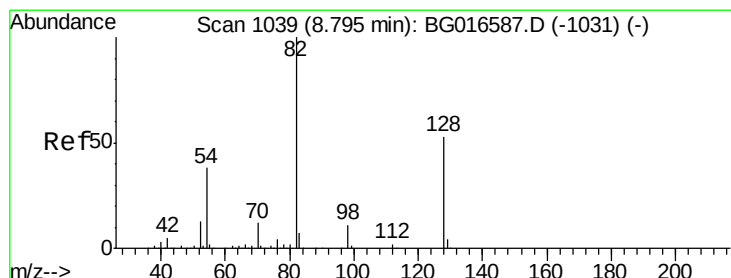
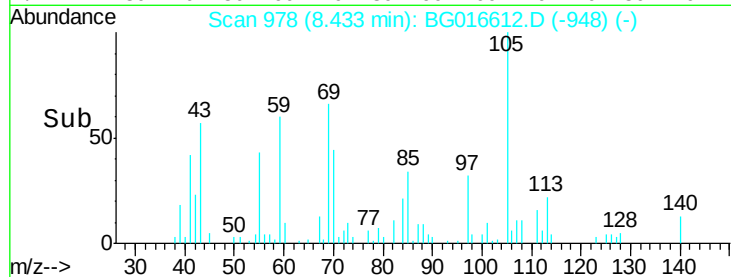
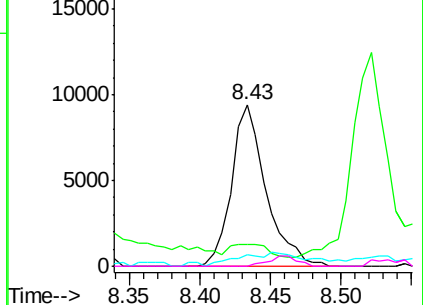
120 0.0 26.8 40.2#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.53 ng

RT: 8.79 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Tgt Ion: 82 Resp: 364997

Ion Ratio Lower Upper

82 100

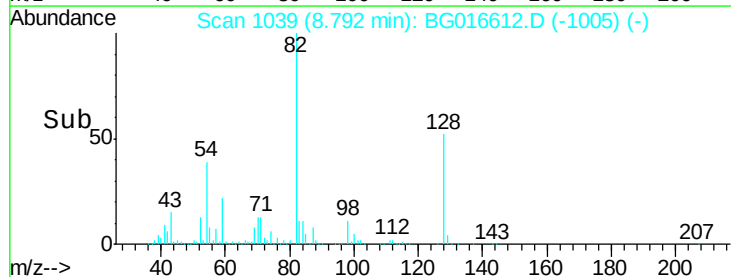
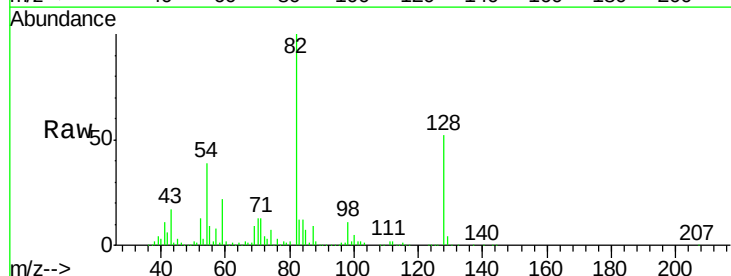
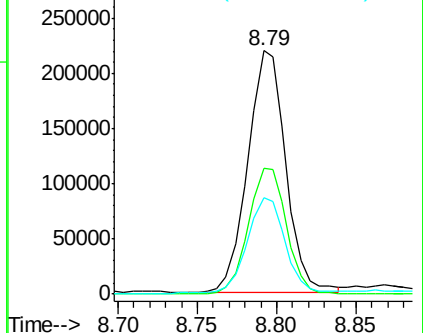
128 51.9 42.7 64.1

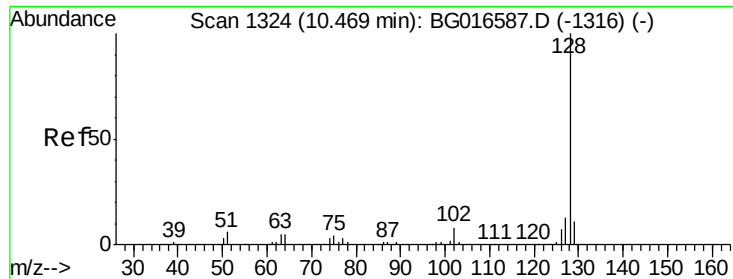
54 39.3 30.6 45.8

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

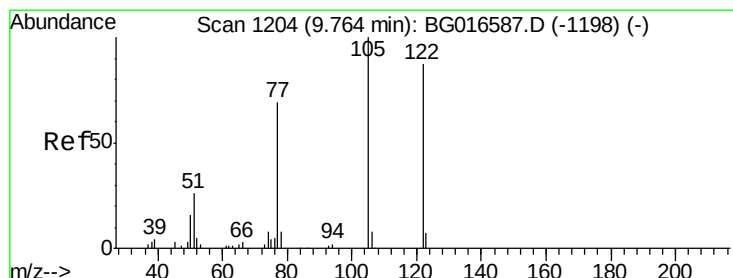
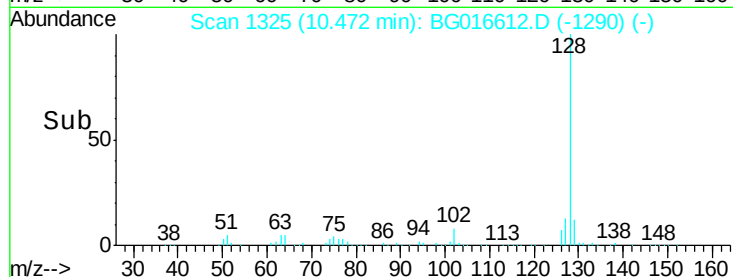
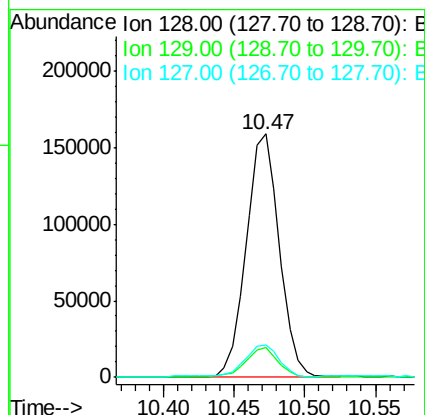
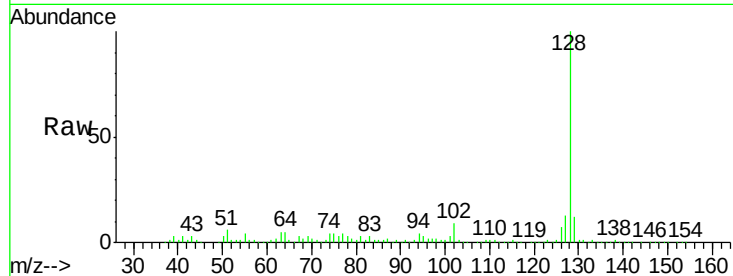




#31
Naphthalene
Concen: 15.86 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

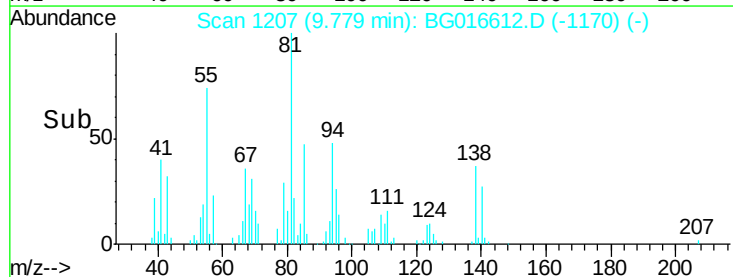
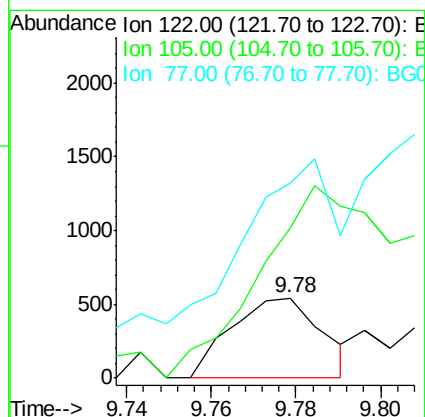
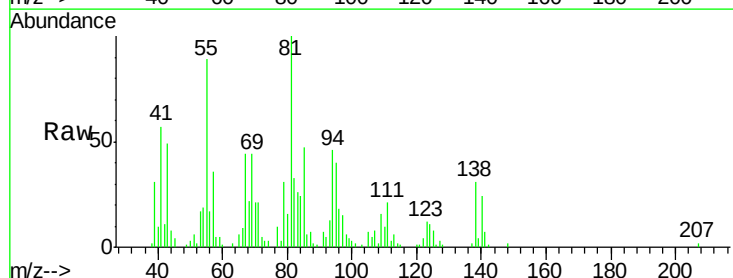
Instrument :
BNA_G
ClientSampleId :

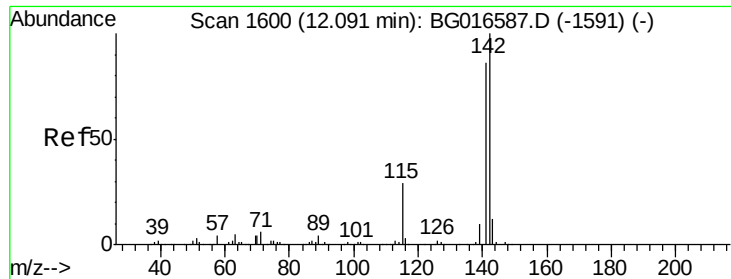
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.2	10.6	16.0



#32
Benzoic acid
Concen: 7.52 ng
RT: 9.78 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	188.0	95.5	135.5#
77	242.7	60.2	100.2#





#37

2-Methylnaphthalene

Concen: 3.46 ng

RT: 12.09 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

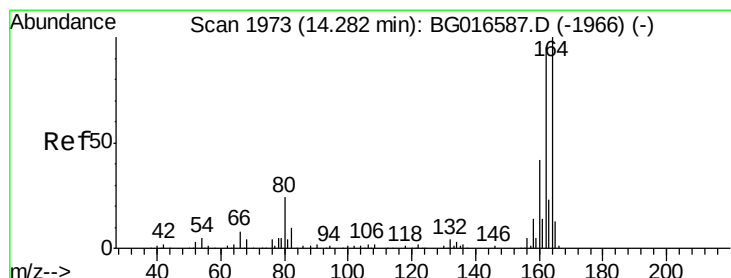
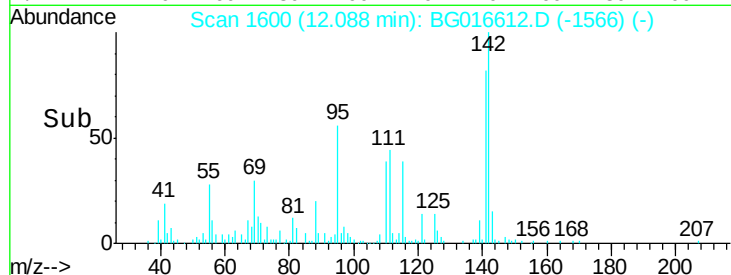
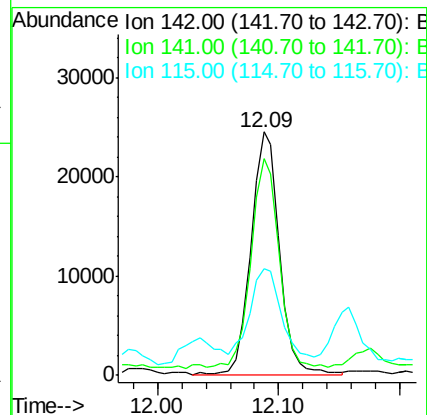
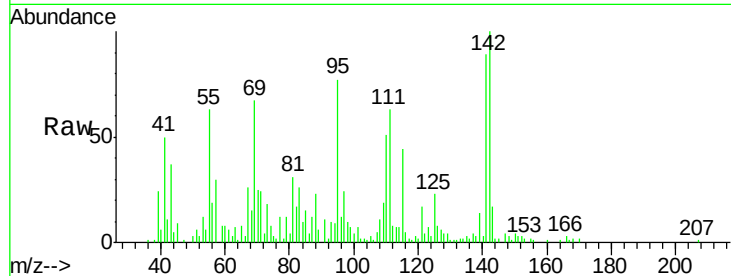
Tot Ion:142 Resp: 40578

Ion Ratio Lower Upper

142 100

141 88.8 68.6 102.8

115 43.9 23.3 34.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

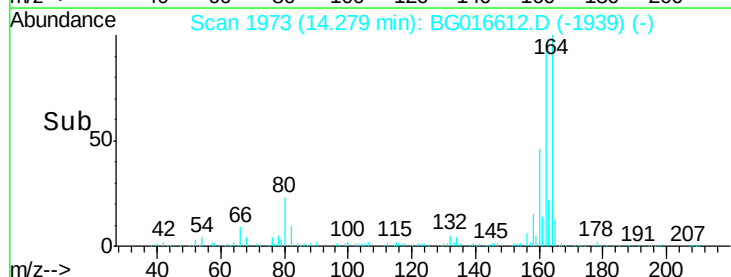
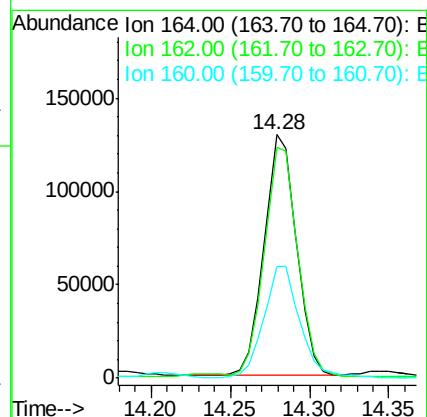
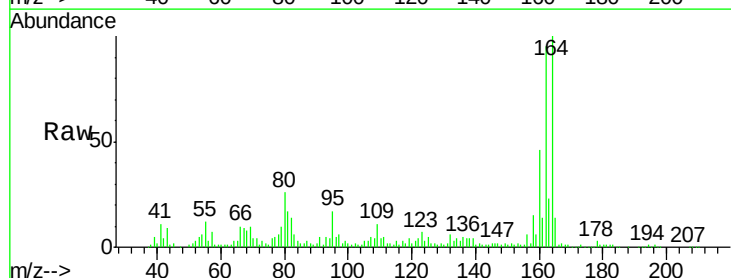
Tgt Ion:164 Resp: 184838

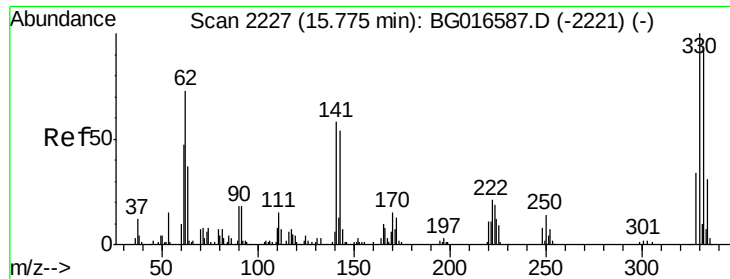
Ion Ratio Lower Upper

164 100

162 94.9 75.8 113.6

160 45.9 33.8 50.6

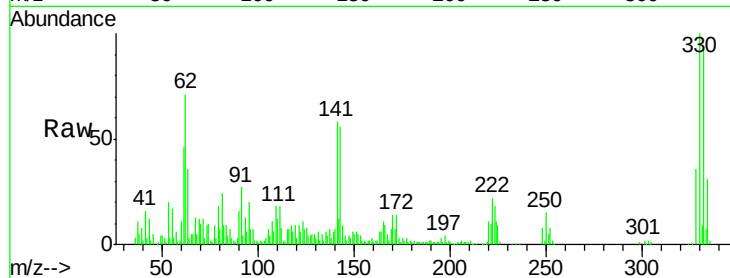




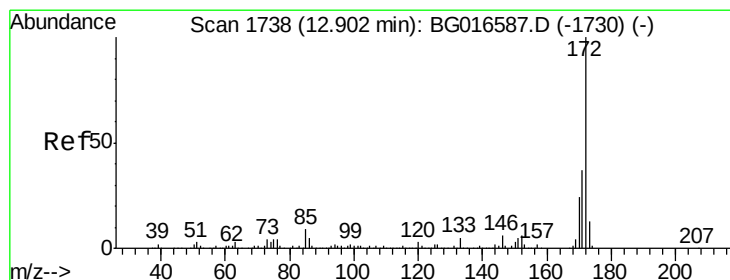
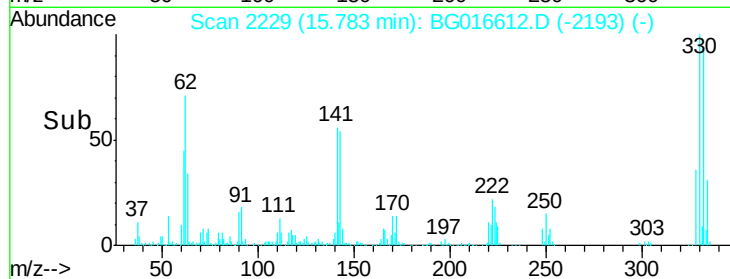
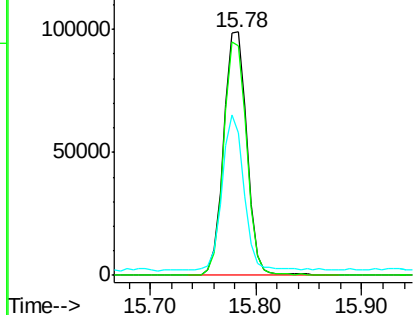
#41
 2,4,6-Tribromophenol
 Concen: 120.32 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. 0.01 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	59.9	45.9	68.9

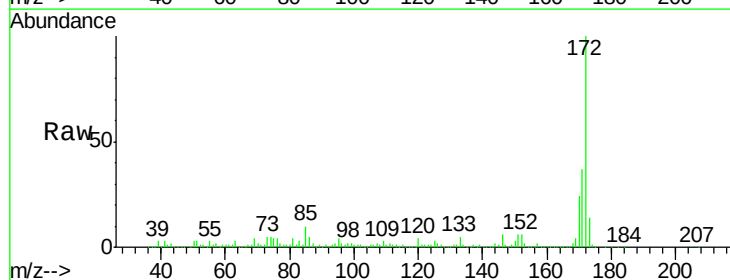


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

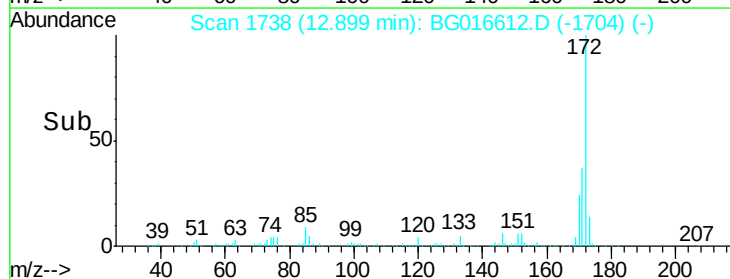
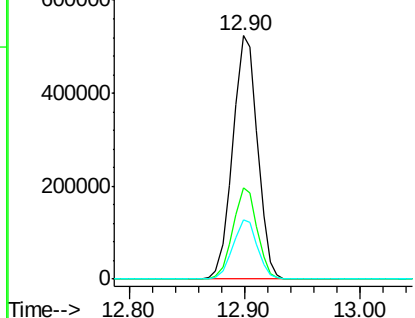


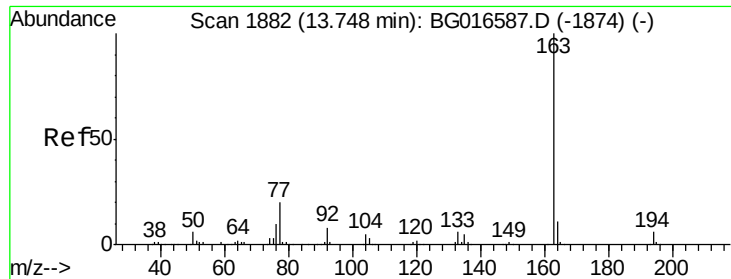
#44
 2-Fluorobiphenyl
 Concen: 69.68 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.1	19.4	29.0



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: 3.00 ng

RT: 13.74 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampled :

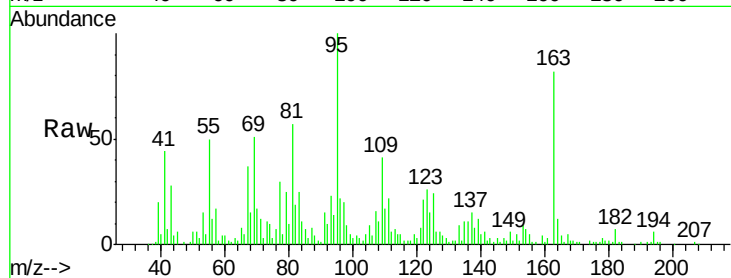
Tot Ion:163 Resp: 41047

Ion Ratio Lower Upper

163 100

194 7.4 4.9 7.3#

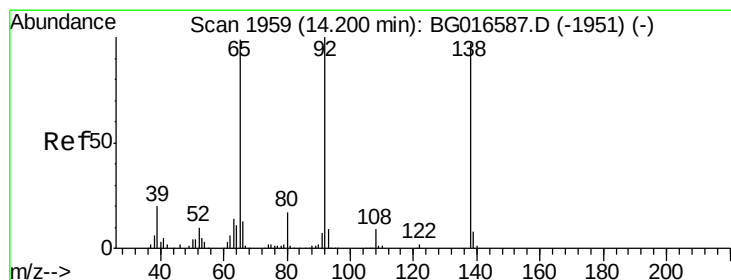
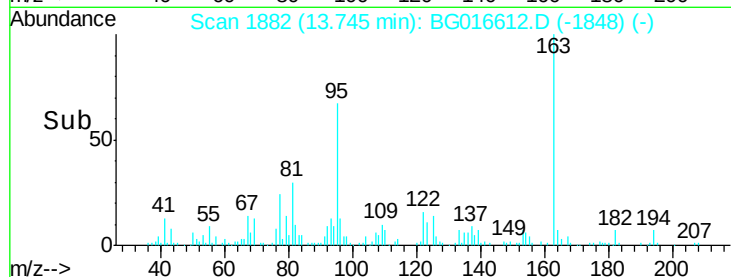
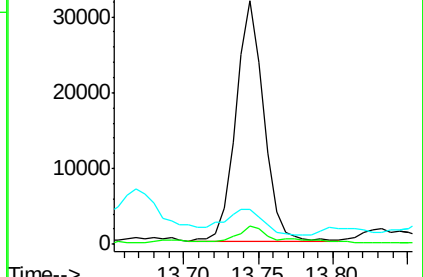
164 14.5 8.6 12.8#



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



#52

3-Nitroaniline

Concen: 3.79 ng

RT: 14.17 min Scan# 1955

Delta R.T. -0.03 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

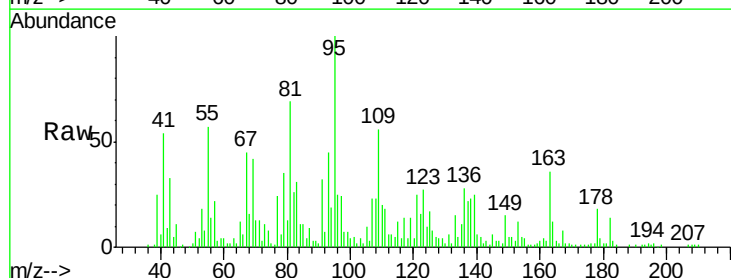
Tgt Ion:138 Resp: 15715

Ion Ratio Lower Upper

138 100

108 101.3 7.8 11.6#

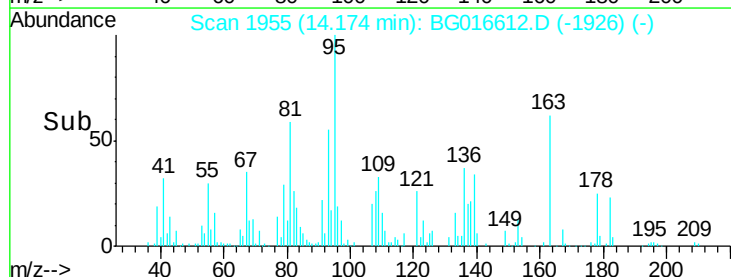
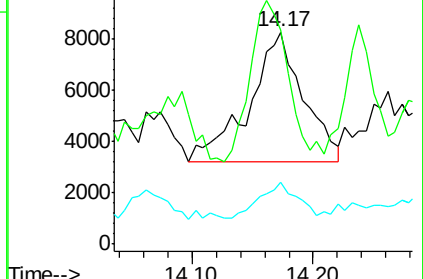
92 29.0 82.2 123.2#

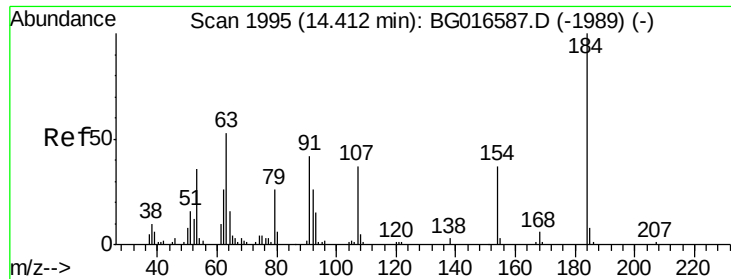


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

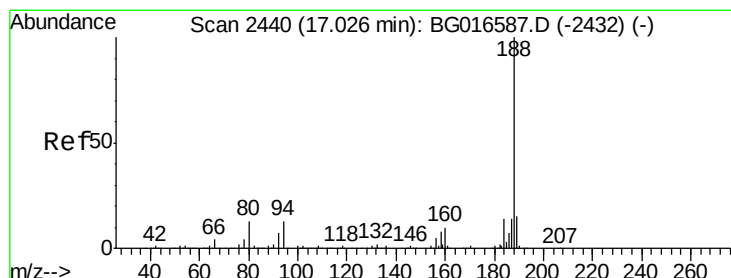
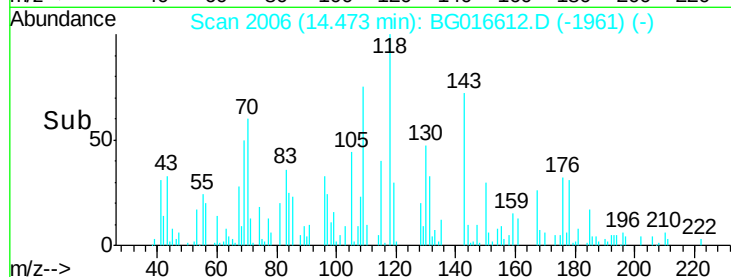
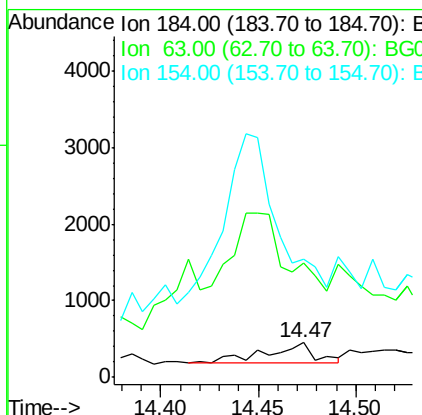
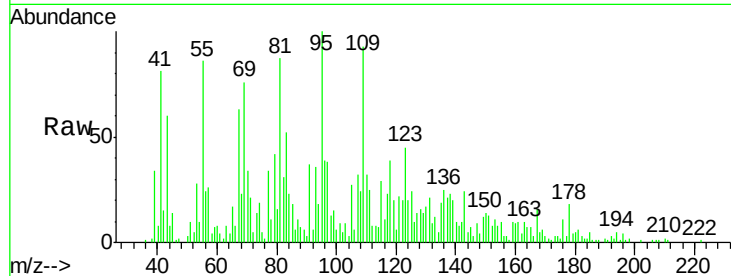




#53
 2,4-Dinitrophenol
 Concen: 8.62 ng
 RT: 14.47 min Scan# 2006
 Delta R.T. 0.06 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

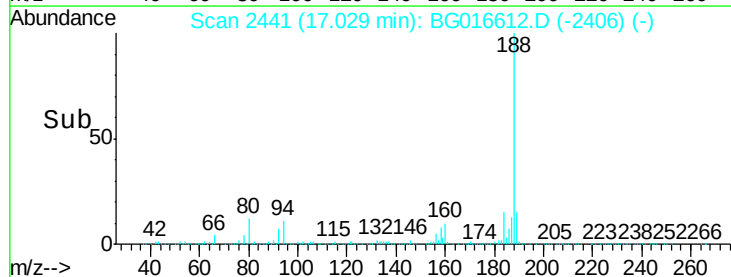
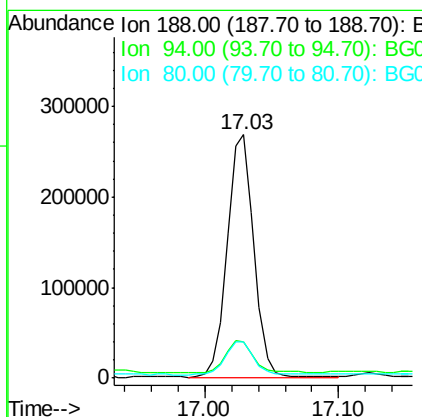
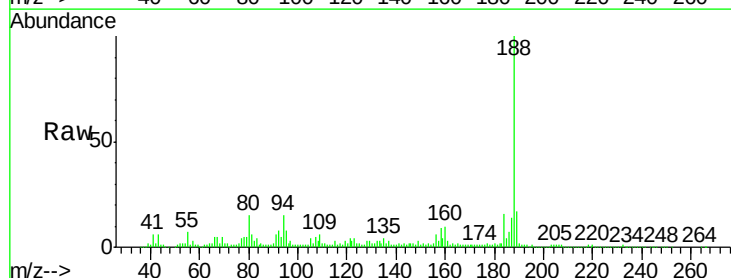
Instrument :
 BNA_G
 ClientSampleId :

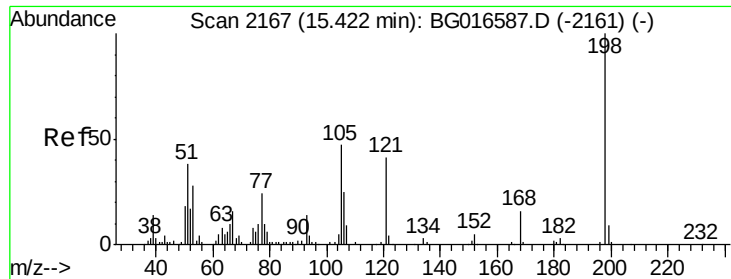
Tot Ion:184 Resp: 414
 Ion Ratio Lower Upper
 184 100
 63 329.9 42.6 64.0#
 154 339.6 33.4 50.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.03 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Tgt Ion:188 Resp: 371021
 Ion Ratio Lower Upper
 188 100
 94 14.8 10.5 15.7
 80 14.9 10.6 16.0

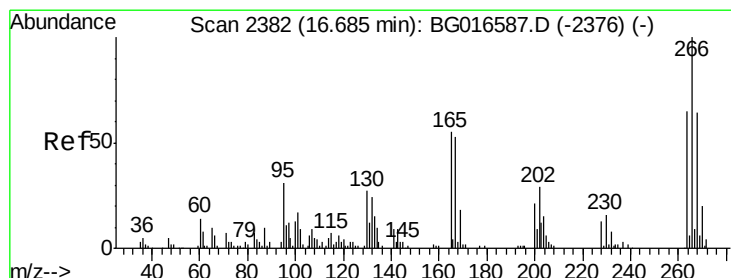
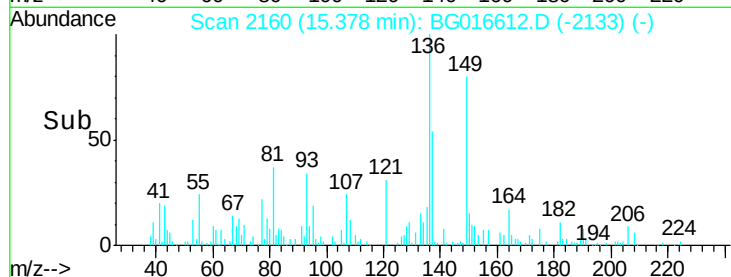
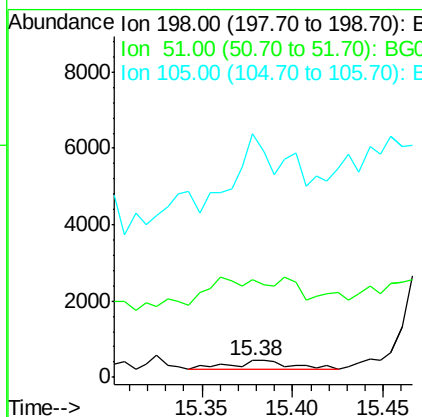
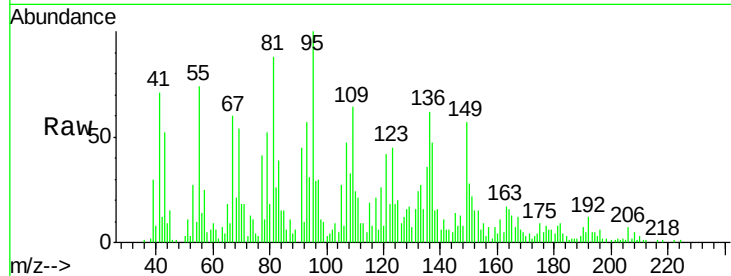




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.32 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.04 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

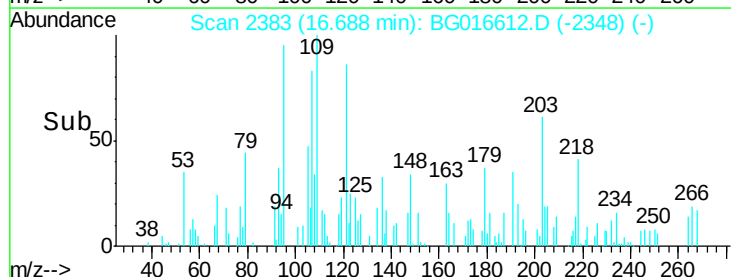
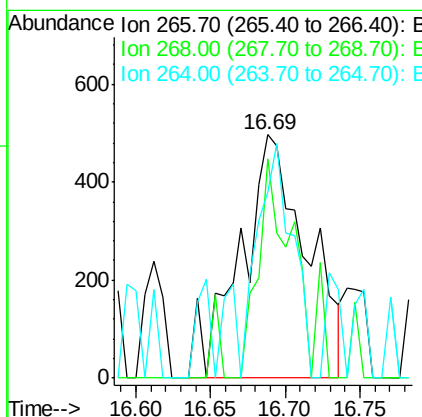
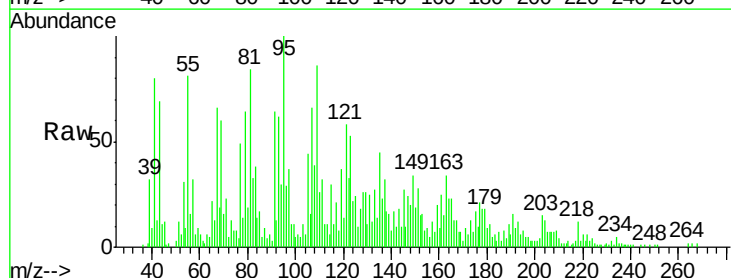
Instrument :
 BNA_G
 ClientSampleId :

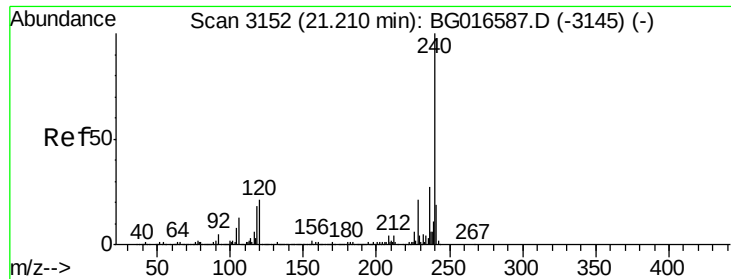
Tot Ion:198 Resp: 538
 Ion Ratio Lower Upper
 198 100
 51 587.0 18.6 58.6#
 105 1456.8 27.7 67.7#



#69
 Pentachlorophenol
 Concen: 7.13 ng
 RT: 16.69 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG016612.D
 Acq: 22 Apr 2015 9:43

Tgt Ion:266 Resp: 1537
 Ion Ratio Lower Upper
 266 100
 268 90.1 51.3 76.9#
 264 76.3 52.2 78.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

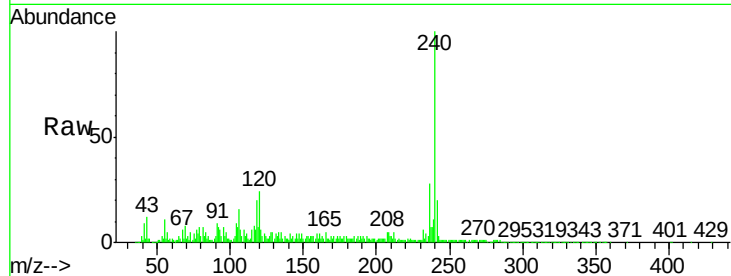
Tot Ion:240 Resp: 319026

Ion Ratio Lower Upper

240 100

120 23.7 16.7 25.1

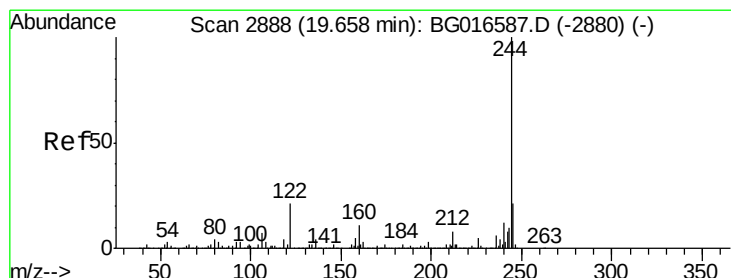
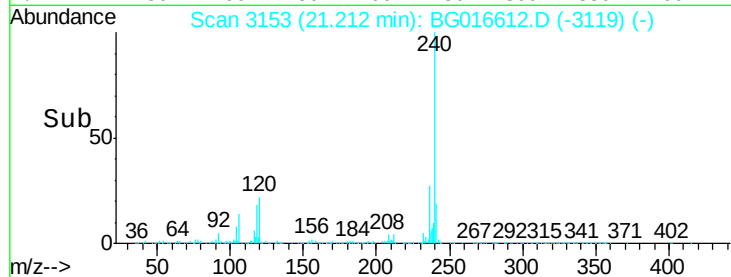
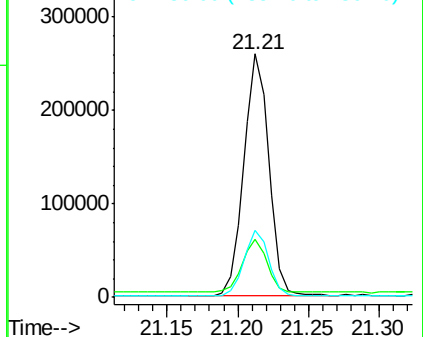
236 27.7 21.7 32.5



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



#78

Terphenyl-d14

Concen: 55.04 ng

RT: 19.66 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

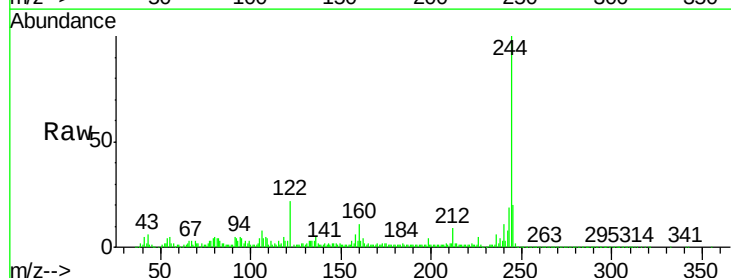
Tgt Ion:244 Resp: 728839

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

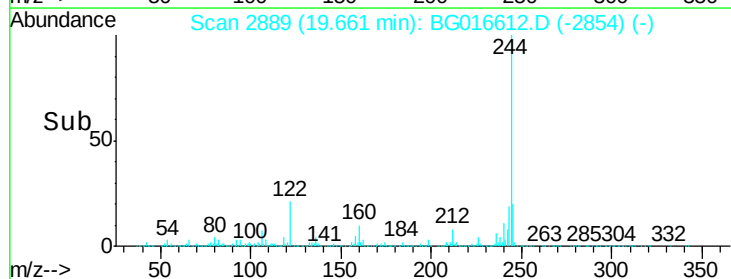
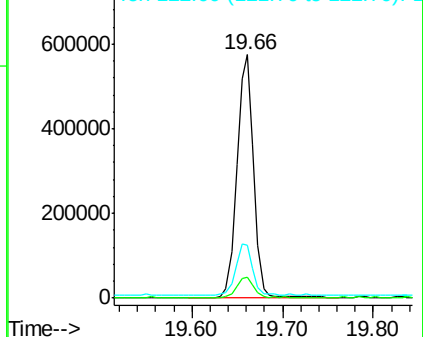
122 21.9 17.0 25.6

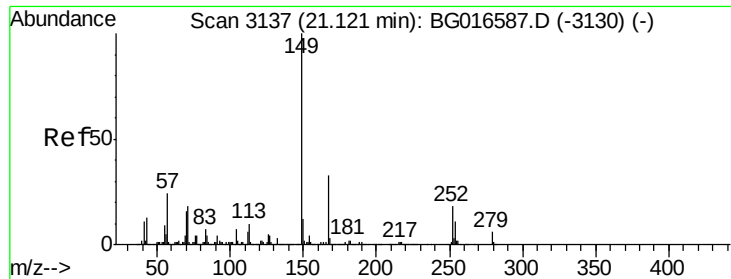


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.99 ng

RT: 21.13 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

Instrument :

BNA_G

ClientSampleId :

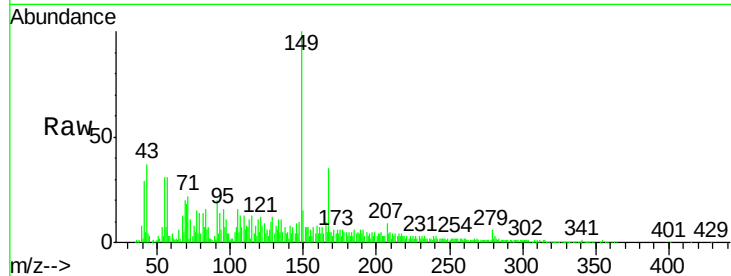
Tot Ion:149 Resp: 123044

Ion Ratio Lower Upper

149 100

167 34.8 26.5 39.7

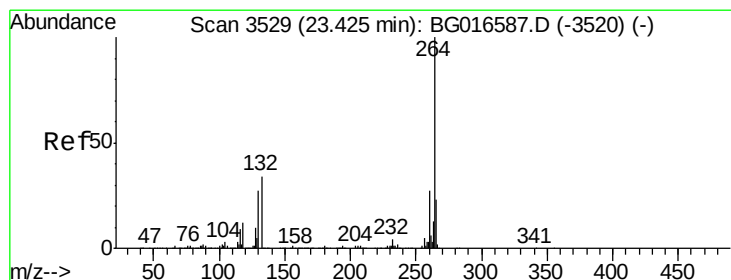
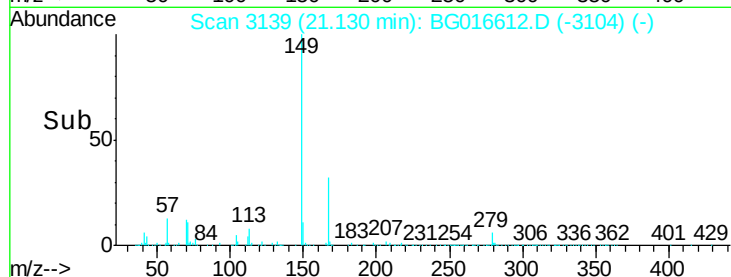
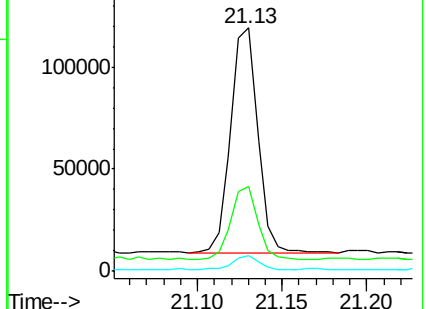
279 6.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.44 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG016612.D

Acq: 22 Apr 2015 9:43

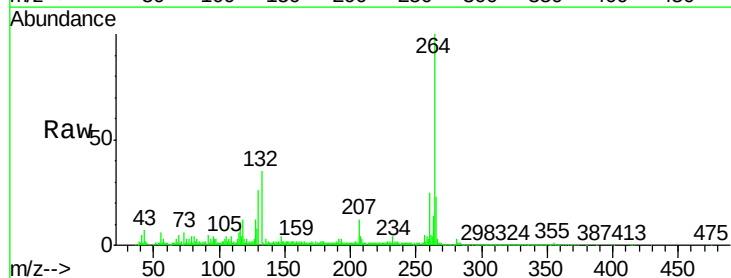
Tgt Ion:264 Resp: 308578

Ion Ratio Lower Upper

264 100

260 24.8 21.4 32.2

265 23.0 18.7 28.1



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

