

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040815\
 Data File : BG016285.D
 Acq On : 8 Apr 2015 20:53
 Operator : TP/IZ
 Sample : G1795-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Quant Time: Apr 09 02:48:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

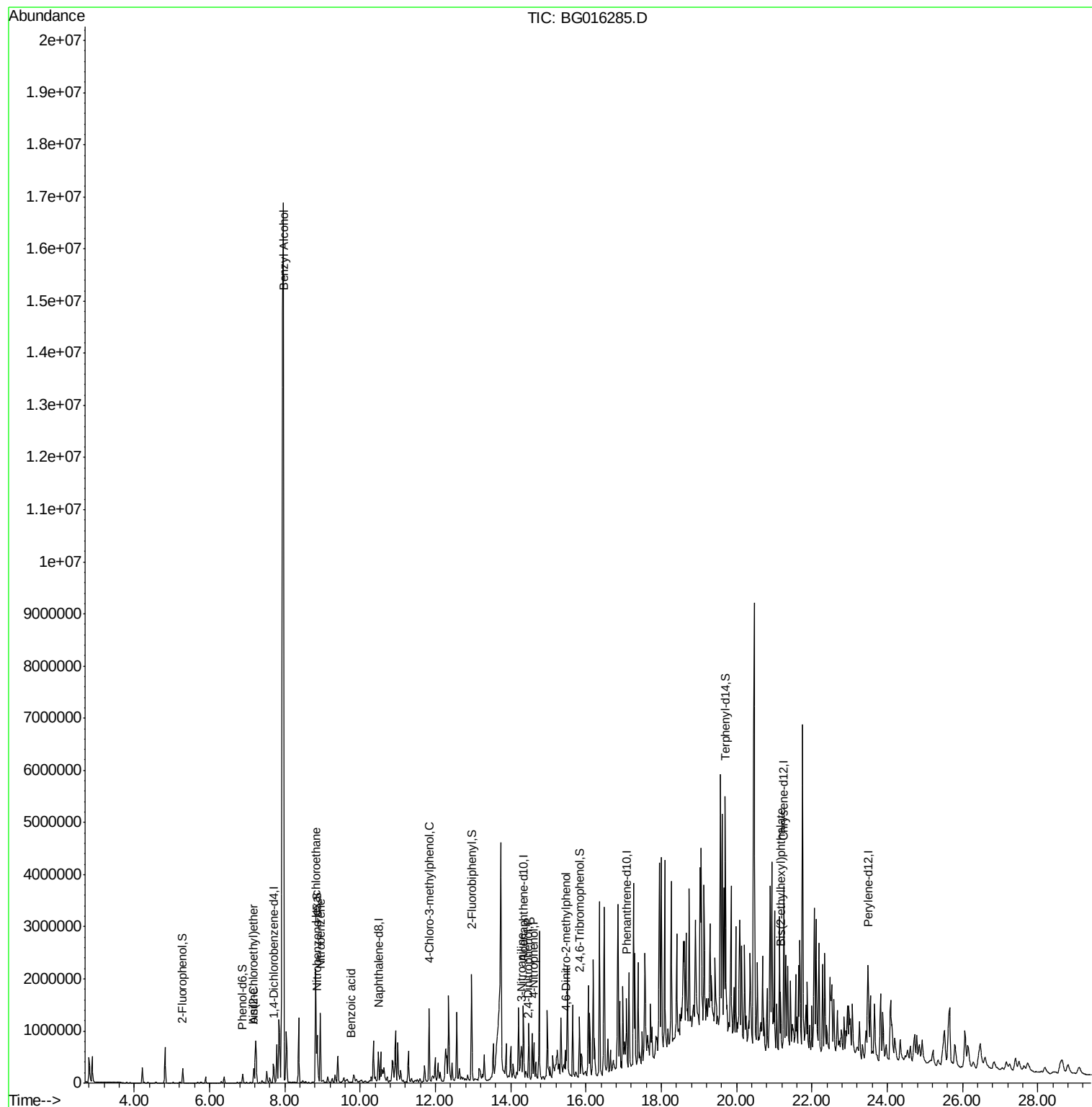
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	101432	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	466764	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	258431	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	461124	20.00	ng	0.00
75) Chrysene-d12	21.26	240	381336	20.00	ng	0.00
86) Perylene-d12	23.50	264	365234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	132707	20.65	ng	0.01
7) Phenol-d6	6.88	99	111306	11.54	ng	0.01
23) Nitrobenzene-d5	8.86	82	536629	66.60	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	121866	69.73	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	999846	65.87	ng	0.00
78) Terphenyl-d14	19.71	244	700464	42.99	ng	0.00
Target Compounds						
6) Aniline	7.17	93	94129	6.83	ng	# 53
11) bis(2-Chloroethyl)ether	7.17	93	94410	11.47	ng	# 29
15) Benzyl Alcohol	7.96	79	3185133	473.57	ng	# 57
18) Hexachloroethane	8.81	117	9853	3.19	ng	# 1
24) Nitrobenzene	8.94	77	17527	2.03	ng	# 28
32) Benzoic acid	9.74	122	5484	9.65	ng	# 94
36) 4-Chloro-3-methylphenol	11.83	107	104046	13.30	ng	# 17
52) 3-Nitroaniline	14.28	138	11964	2.05	ng	# 19
53) 2,4-Dinitrophenol	14.46	184	407	8.40	ng	# 1
55) 4-Nitrophenol	14.61	139	27618	5.71	ng	# 41
64) 4,6-Dinitro-2-methylphenol	15.47	198	74	3.91	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.17	149	190705	10.80	ng	# 99

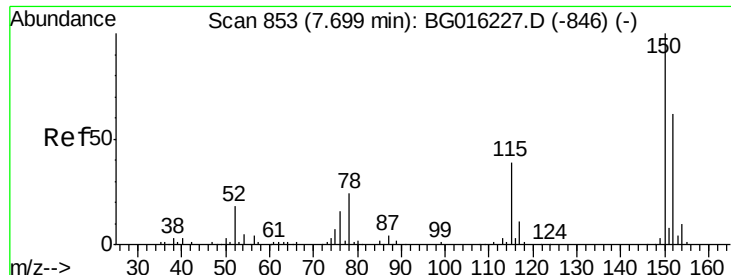
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

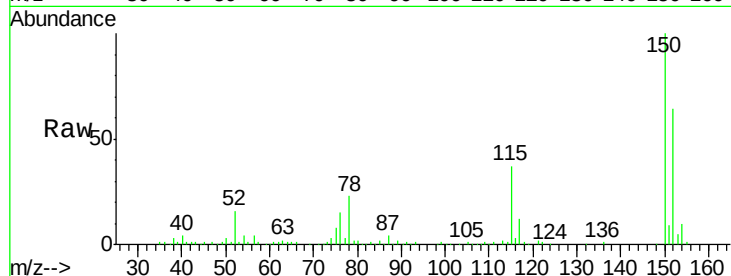
Tgt Ion:152 Resp: 101432

Ion Ratio Lower Upper

152 100

150 156.4 130.1 195.1

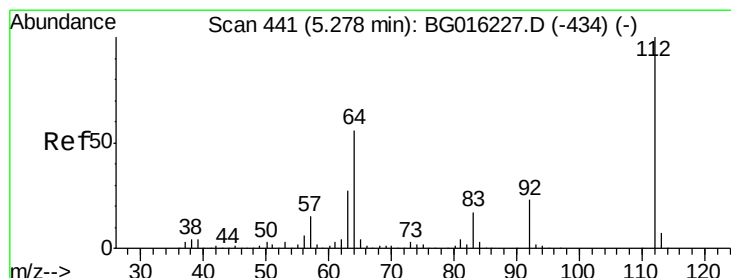
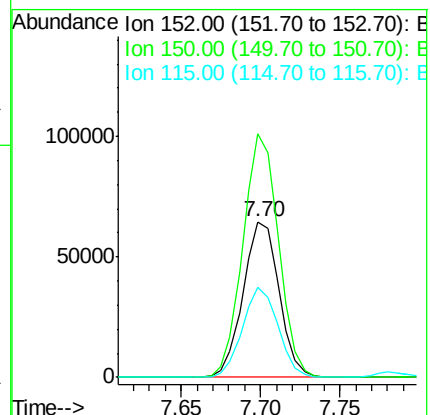
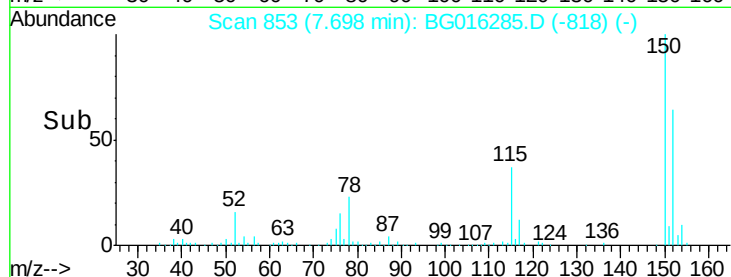
115 57.7 50.5 75.7



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: 20.65 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

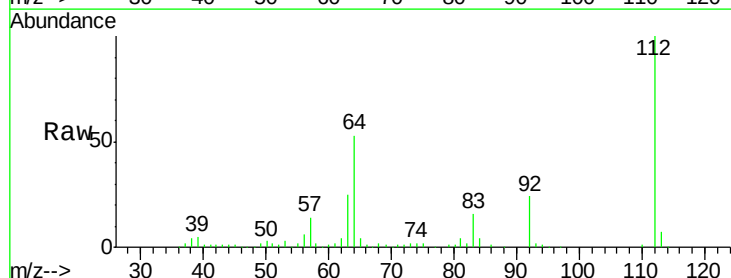
Tgt Ion:112 Resp: 132707

Ion Ratio Lower Upper

112 100

64 52.7 44.5 66.7

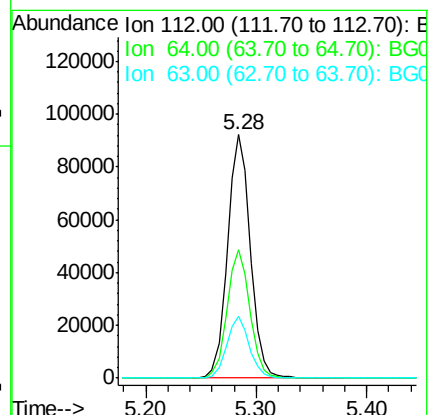
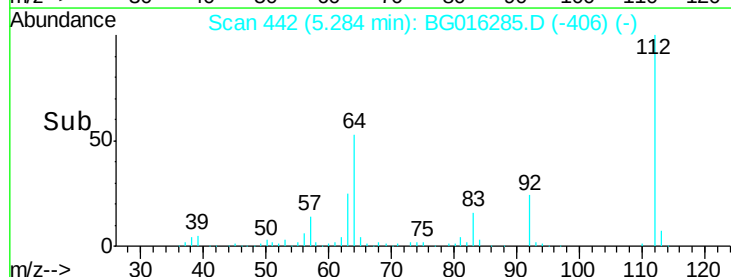
63 25.4 21.4 32.0

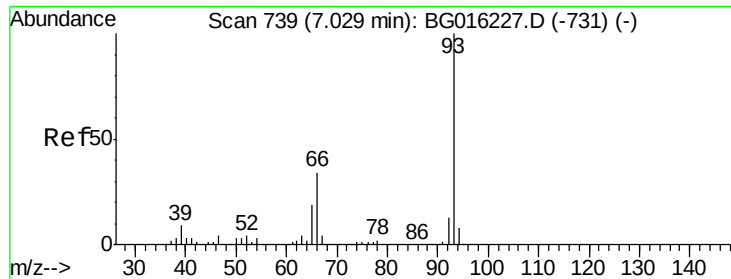


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 6.83 ng

RT: 7.17 min Scan# 763

Delta R.T. 0.15 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

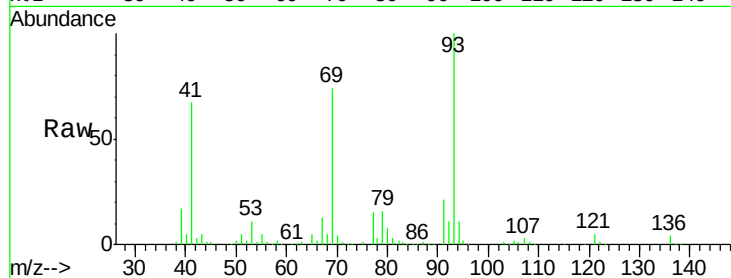
Tgt Ion: 93 Resp: 94129

Ion Ratio Lower Upper

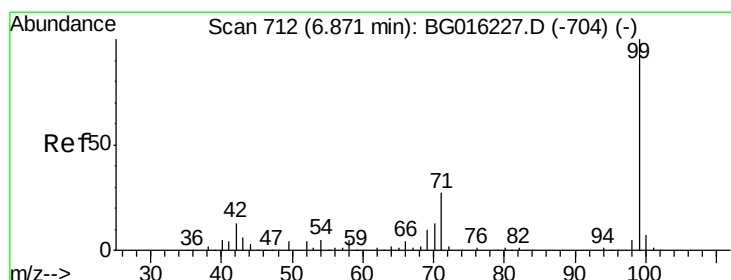
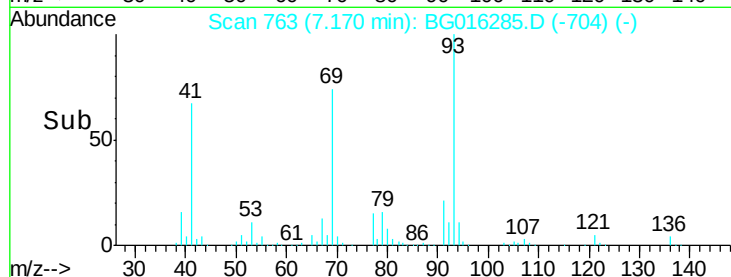
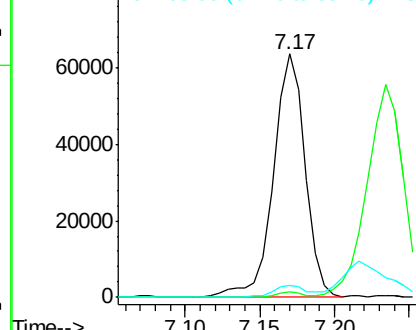
93 100

66 2.4 27.5 41.3#

65 5.1 15.1 22.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 11.54 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

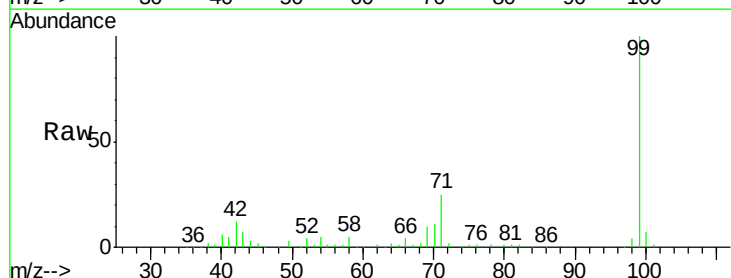
Tgt Ion: 99 Resp: 111306

Ion Ratio Lower Upper

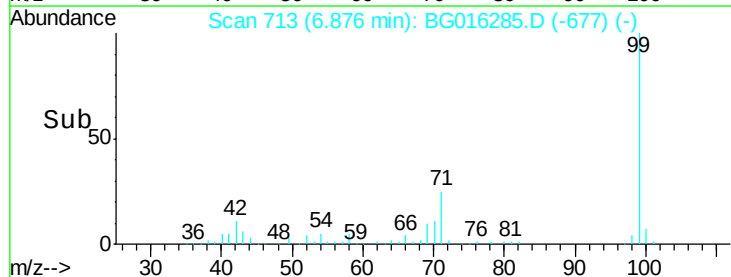
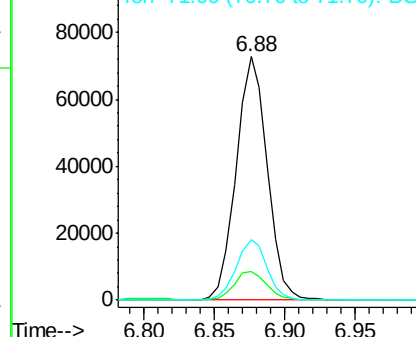
99 100

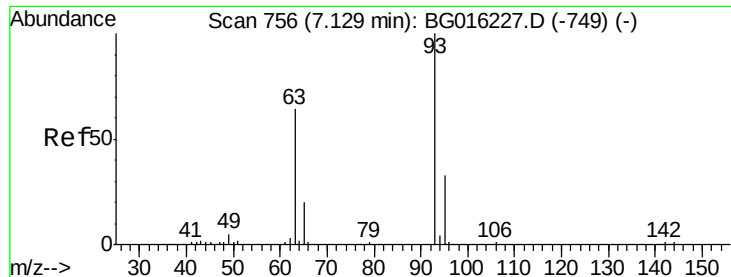
42 11.5 10.0 15.0

71 24.7 21.5 32.3



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





#11

bis(2-Chloroethyl)ether

Concen: 11.47 ng

RT: 7.17 min Scan# 763

Delta R.T. 0.05 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

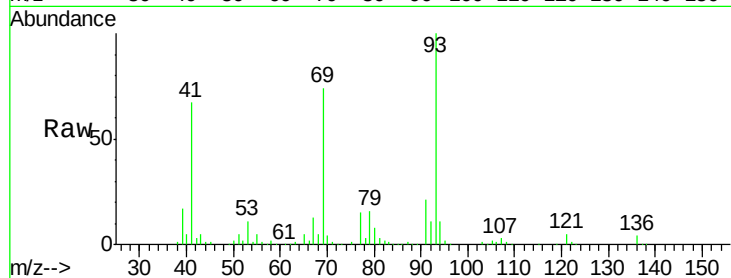
Tgt Ion: 93 Resp: 94410

Ion Ratio Lower Upper

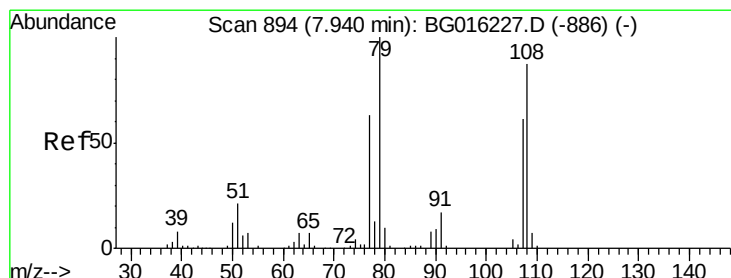
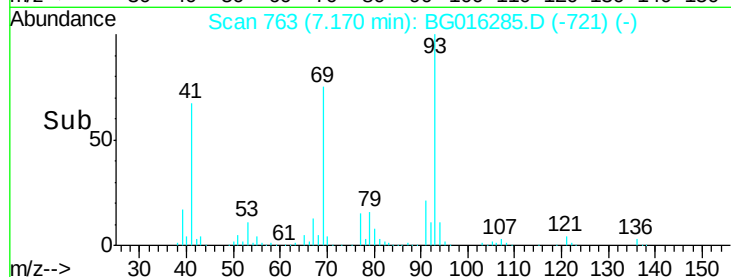
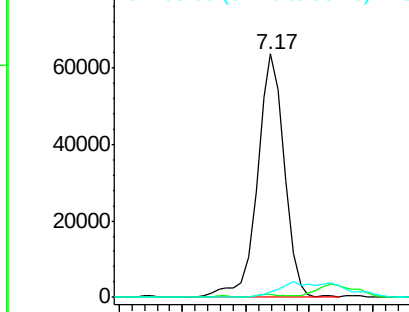
93 100

63 1.4 44.1 84.1#

95 2.2 12.5 52.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#15

Benzyl Alcohol

Concen: 473.57 ng

RT: 7.96 min Scan# 898

Delta R.T. 0.03 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

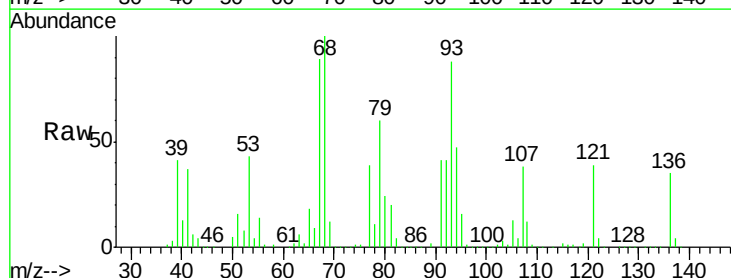
Tgt Ion: 79 Resp: 3185133

Ion Ratio Lower Upper

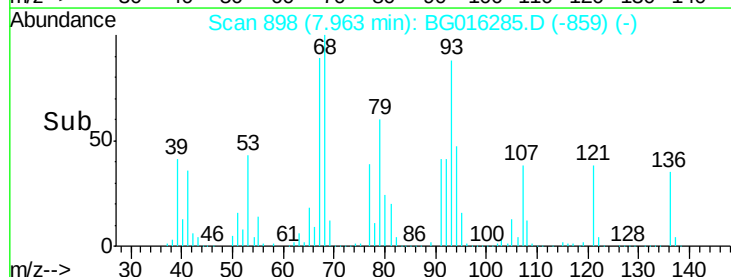
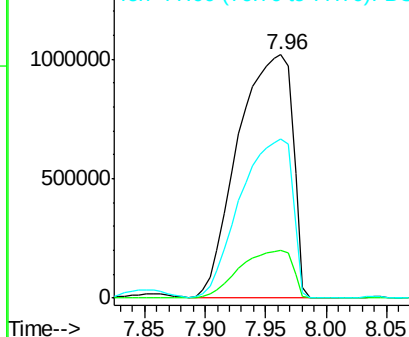
79 100

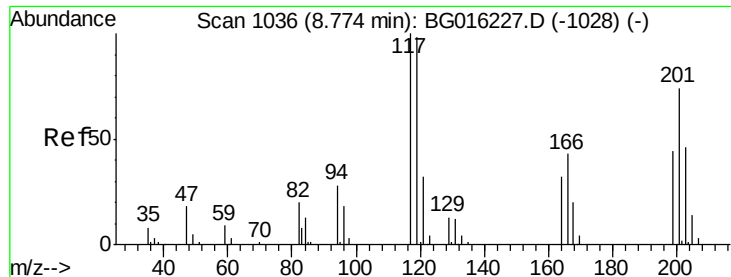
108 19.5 69.3 103.9#

77 65.4 50.3 75.5



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

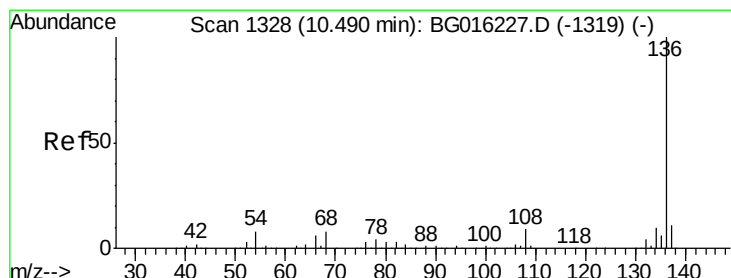
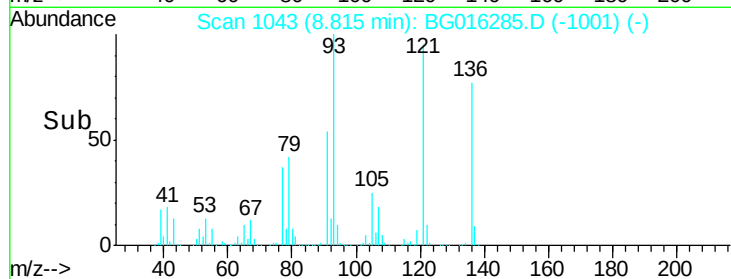
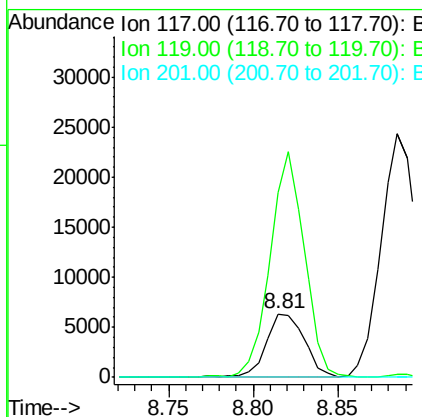
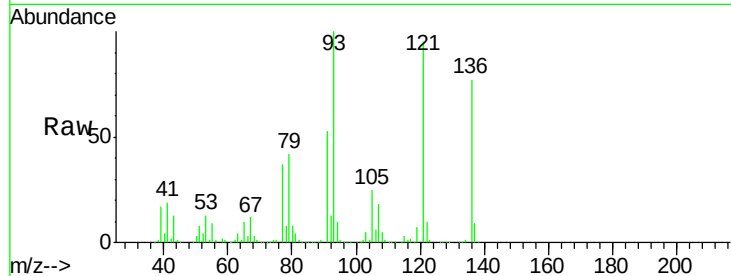




#18
Hexachloroethane
Concen: 3.19 ng
RT: 8.81 min Scan# 1043
Delta R.T. 0.05 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

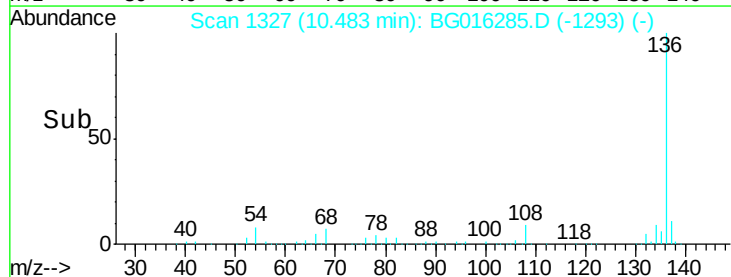
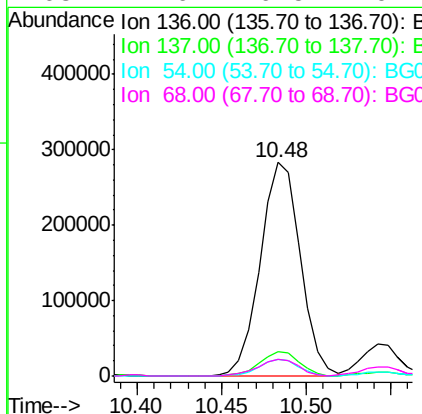
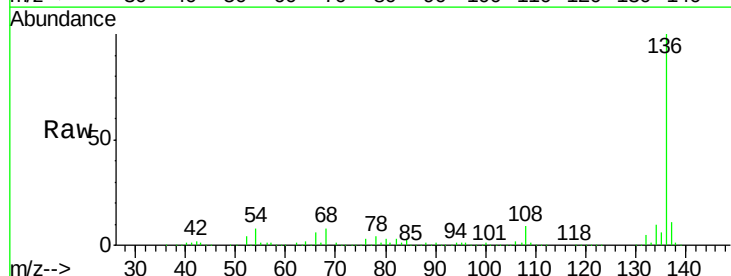
Instrument :
BNA_G
ClientSampleId :
CLEARWELL

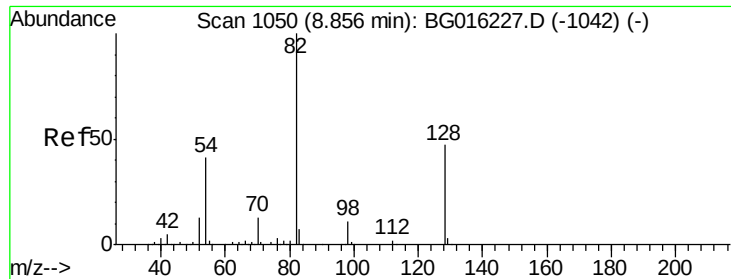
Tgt Ion:117 Resp: 9853
Ion Ratio Lower Upper
117 100
119 291.6 78.8 118.2#
201 0.0 59.0 88.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Tgt Ion:136 Resp: 466764
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.0 6.3 9.5
68 7.6 6.5 9.7

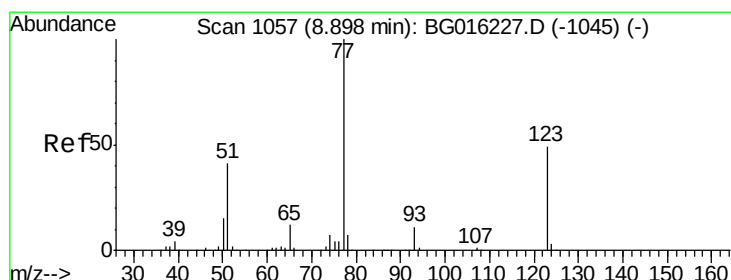
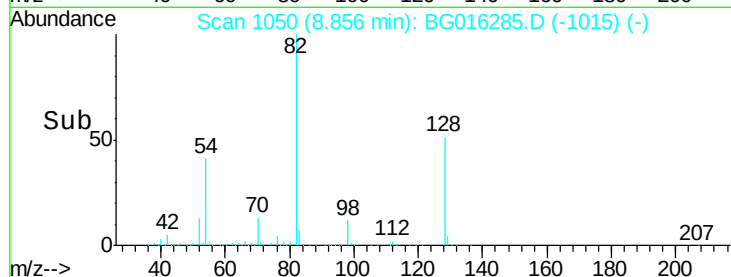
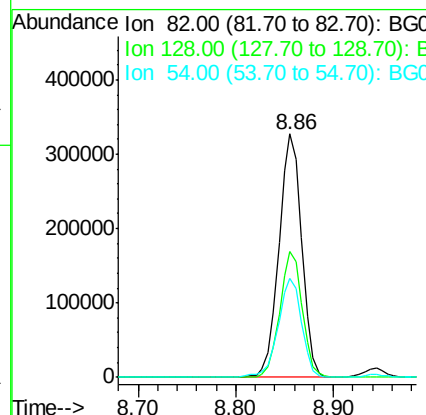
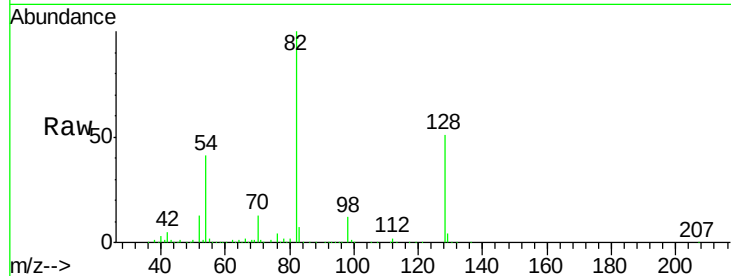




#23
Nitrobenzene-d5
Concen: 66.60 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

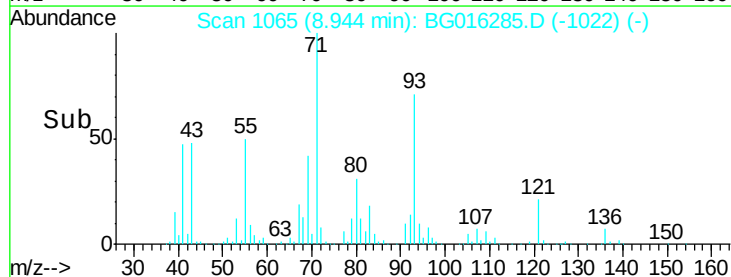
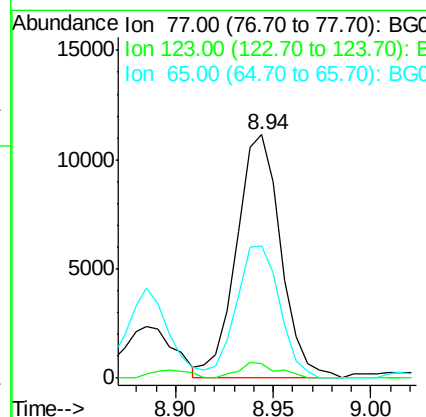
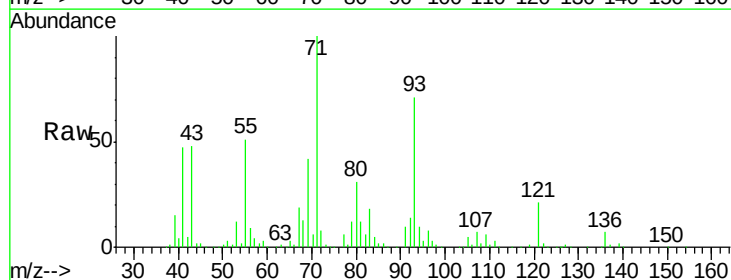
Instrument :
BNA_G
ClientSampleId :
CLEARWELL

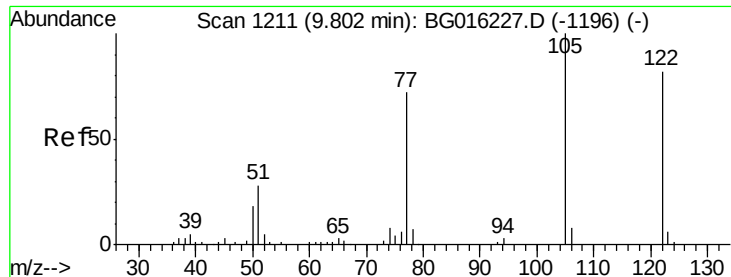
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.5	37.8	56.8
54	40.7	32.6	49.0



#24
Nitrobenzene
Concen: 2.03 ng
RT: 8.94 min Scan# 1065
Delta R.T. 0.05 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	5.8	38.8	58.2#
65	54.4	9.4	14.2#

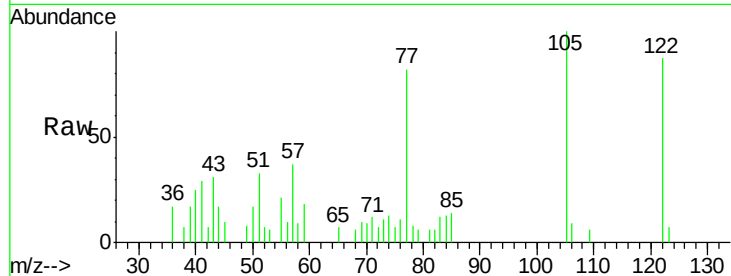




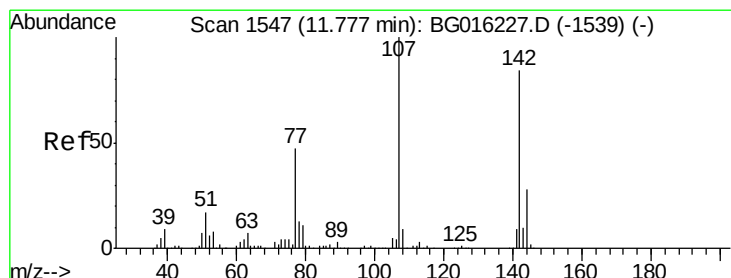
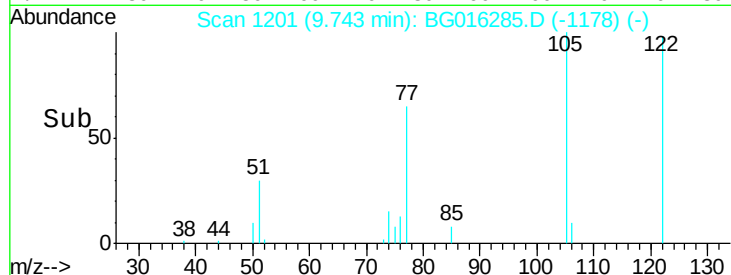
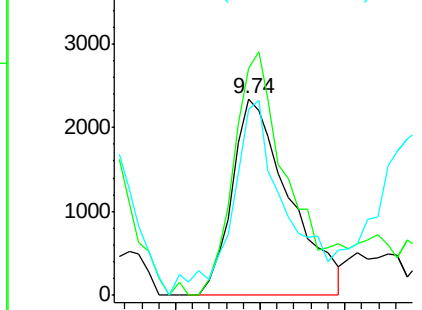
#32
Benzoic acid
Concen: 9.65 ng
RT: 9.74 min Scan# 1201
Delta R.T. -0.07 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Instrument :
BNA_G
ClientSampleId :
CLEARWELL

Tgt Ion:122 Resp: 5484
Ion Ratio Lower Upper
122 100
105 115.5 99.7 139.7
77 94.3 66.8 106.8

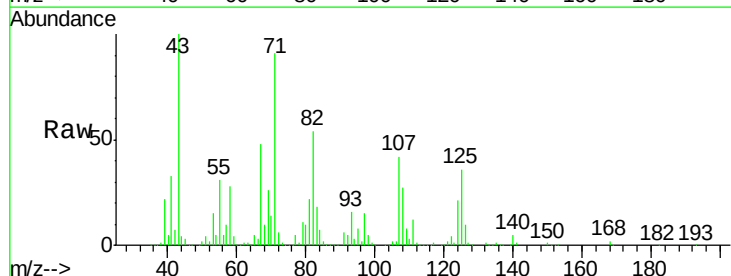


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

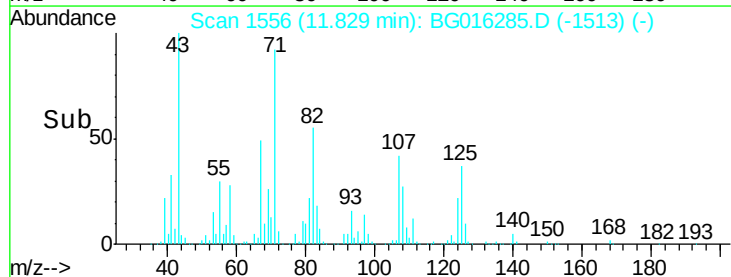
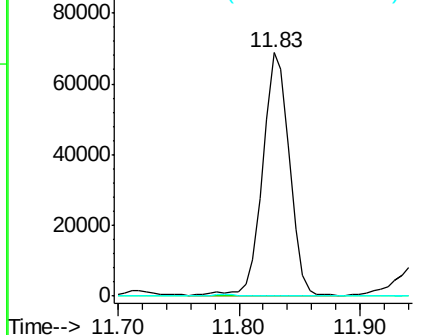


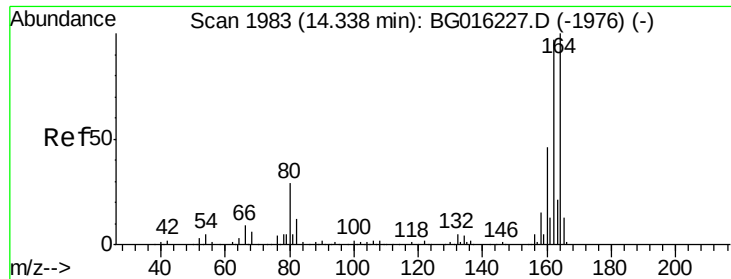
#36
4-Chloro-3-methylphenol
Concen: 13.30 ng
RT: 11.83 min Scan# 1556
Delta R.T. 0.05 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Tgt Ion:107 Resp: 104046
Ion Ratio Lower Upper
107 100
144 0.0 22.0 33.0#
142 0.0 67.0 100.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

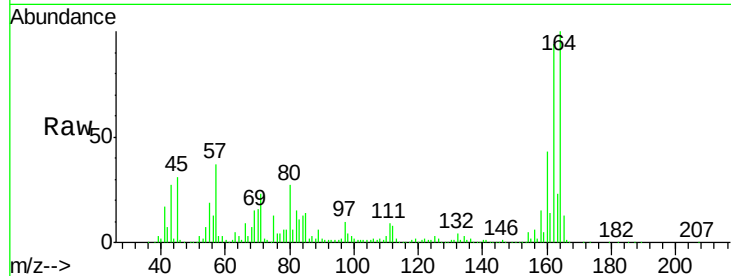
Tgt Ion:164 Resp: 258431

Ion Ratio Lower Upper

164 100

162 94.4 77.3 115.9

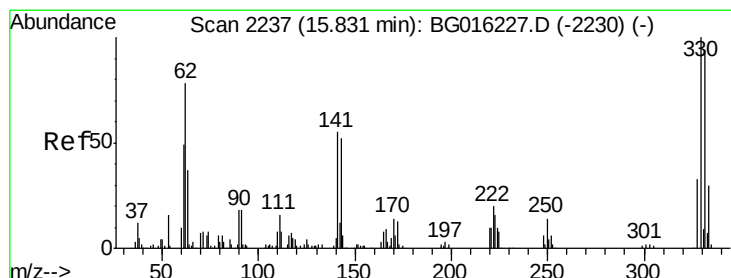
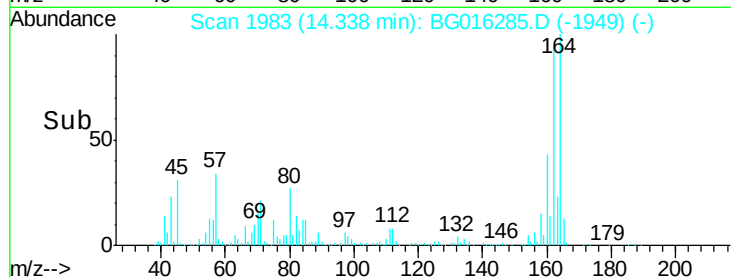
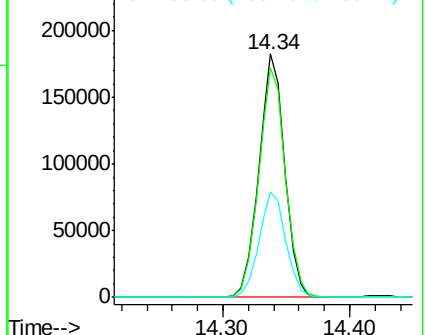
160 43.4 36.7 55.1



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: 69.73 ng

RT: 15.83 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

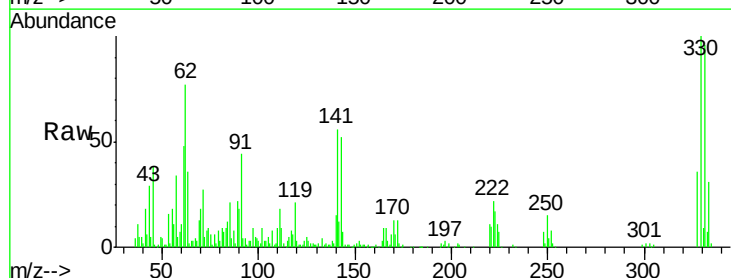
Tgt Ion:330 Resp: 121866

Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

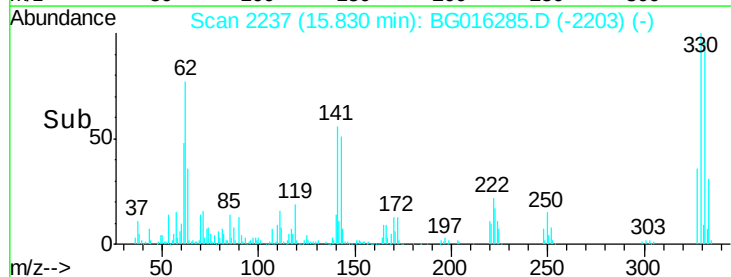
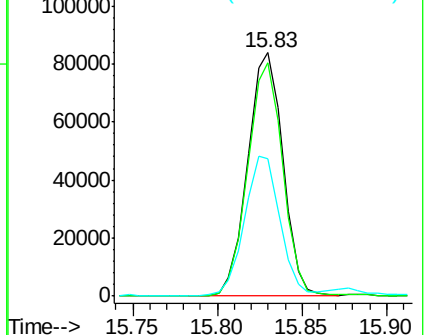
141 57.8 46.6 69.8

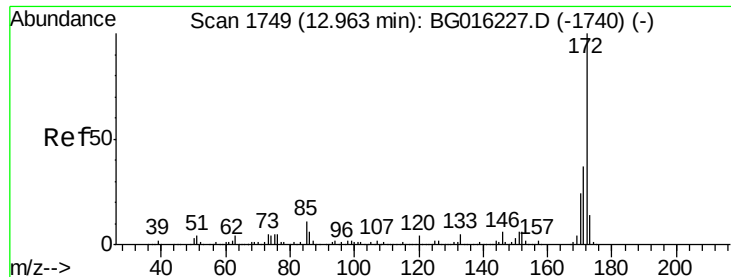


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

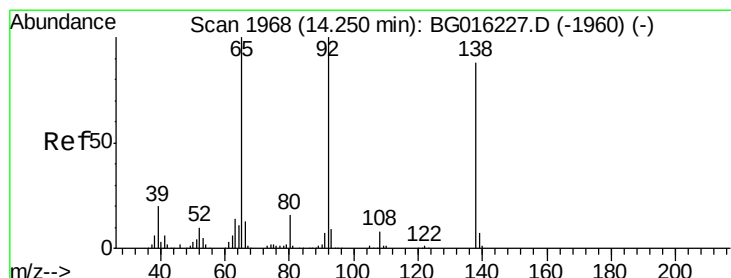
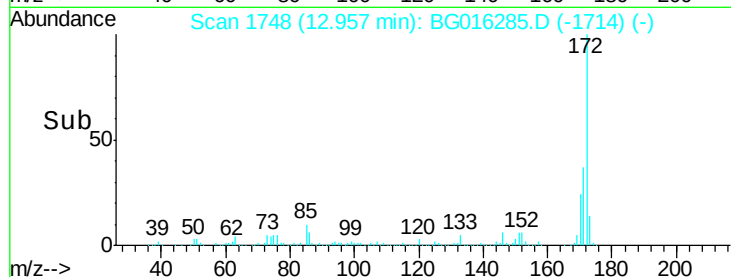
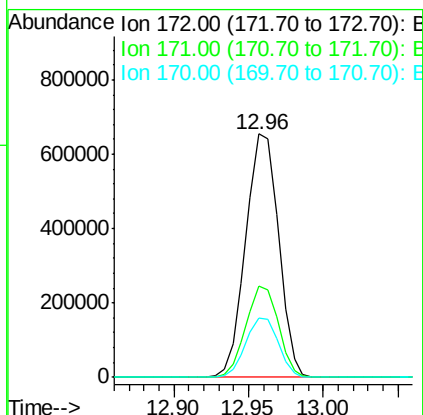
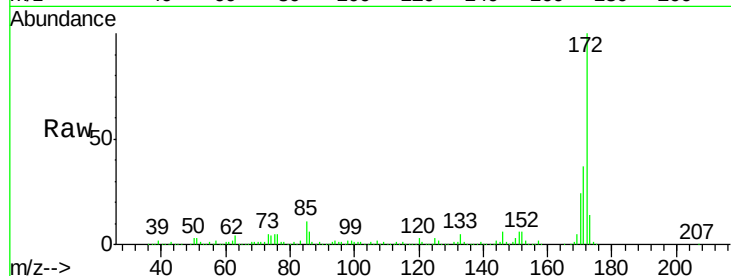




#44
 2-Fluorobiphenyl
 Concen: 65.87 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016285.D
 Acq: 8 Apr 2015 20:53

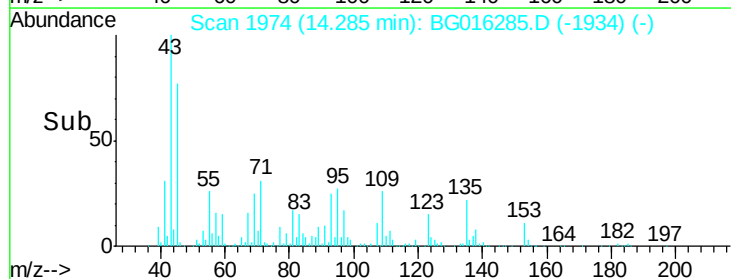
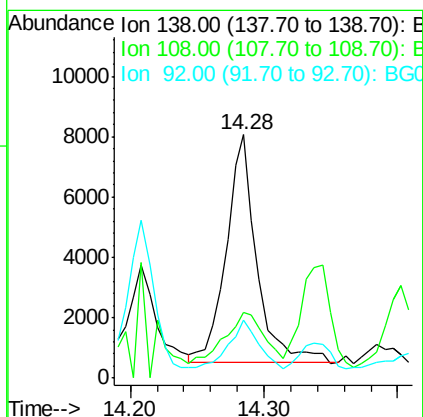
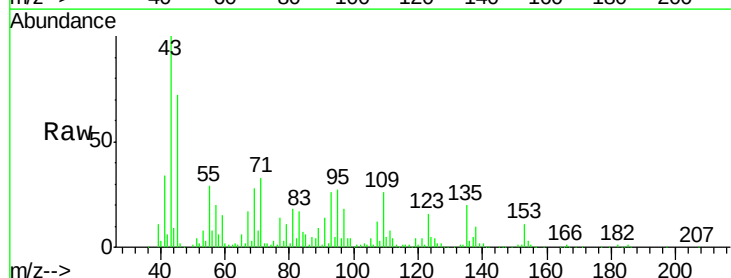
Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

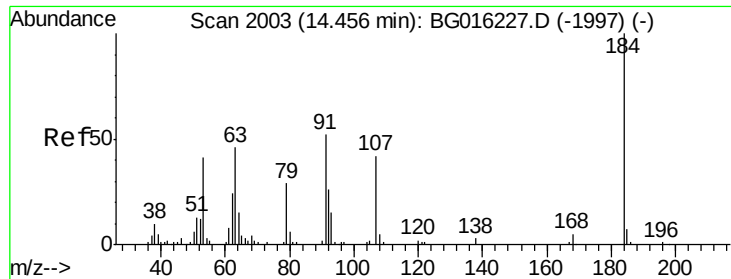
Tgt Ion:172 Resp: 999846
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.3 19.4 29.2



#52
 3-Nitroaniline
 Concen: 2.05 ng
 RT: 14.28 min Scan# 1974
 Delta R.T. 0.03 min
 Lab File: BG016285.D
 Acq: 8 Apr 2015 20:53

Tgt Ion:138 Resp: 11964
 Ion Ratio Lower Upper
 138 100
 108 27.0 7.4 11.0#
 92 24.0 91.4 137.0#

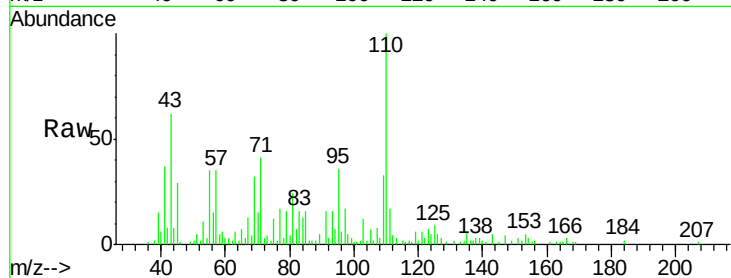




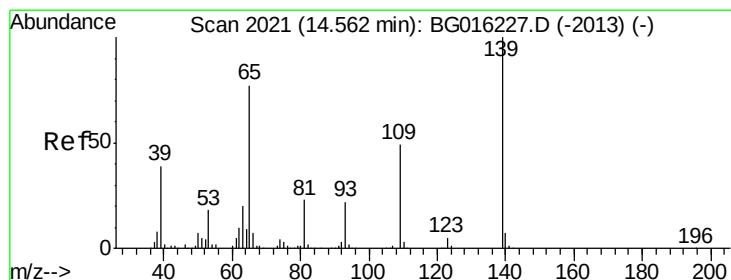
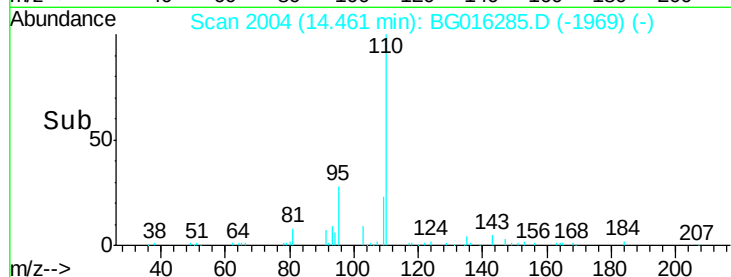
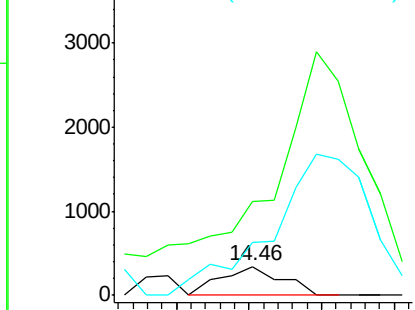
#53
2,4-Dinitrophenol
Concen: 8.40 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Instrument :
BNA_G
ClientSampleId :
CLEARWELL

Tgt Ion:184 Resp: 407
Ion Ratio Lower Upper
184 100
63 326.9 45.8 68.6#
154 182.7 34.5 51.7#

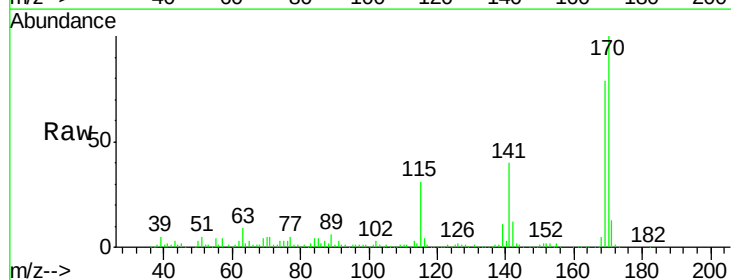


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

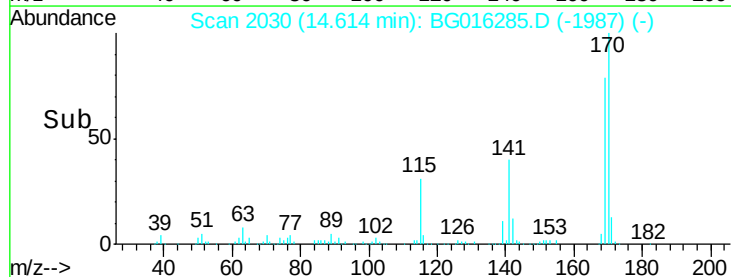
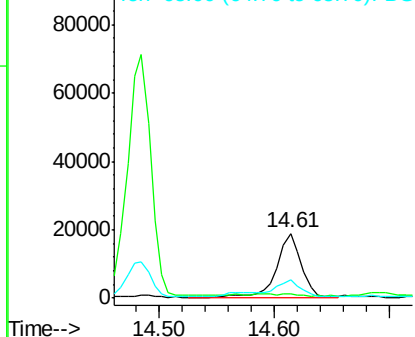


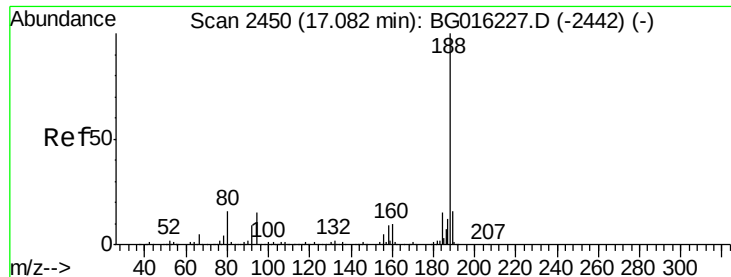
#55
4-Nitrophenol
Concen: 5.71 ng
RT: 14.61 min Scan# 2030
Delta R.T. 0.05 min
Lab File: BG016285.D
Acq: 8 Apr 2015 20:53

Tgt Ion:139 Resp: 27618
Ion Ratio Lower Upper
139 100
109 6.9 28.5 68.5#
65 27.5 56.9 96.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

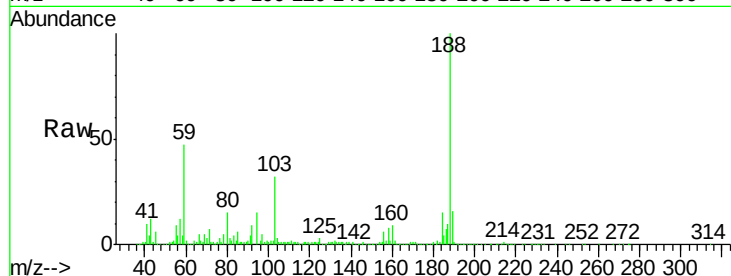
Tgt Ion:188 Resp: 461124

Ion Ratio Lower Upper

188 100

94 14.8 12.2 18.4

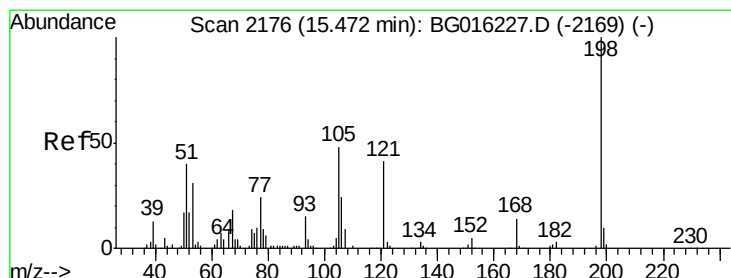
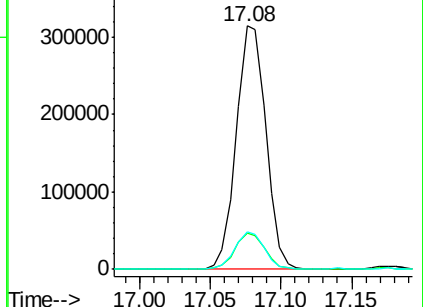
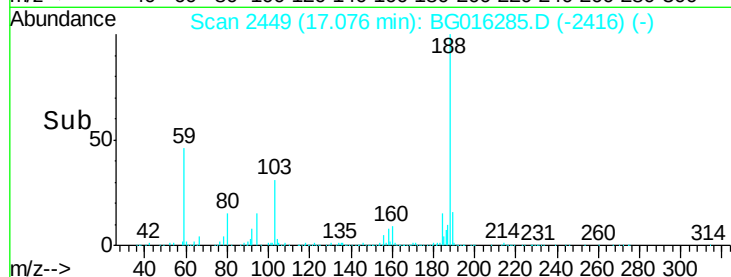
80 15.2 12.8 19.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.91 ng

RT: 15.47 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

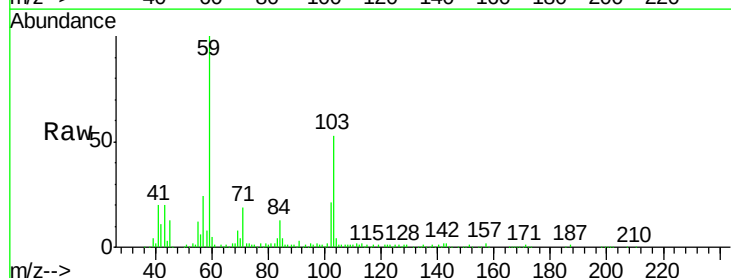
Tgt Ion:198 Resp: 74

Ion Ratio Lower Upper

198 100

51 219.9 20.7 60.7#

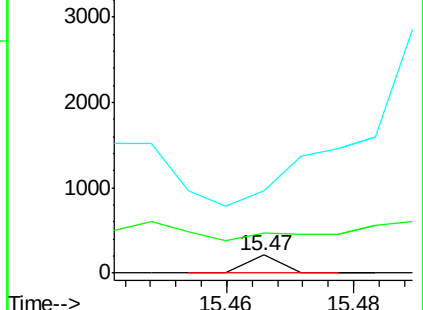
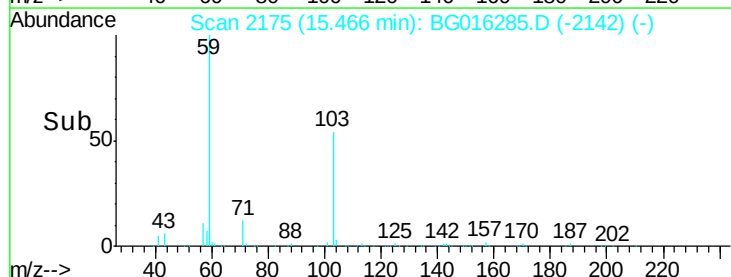
105 455.9 28.8 68.8#

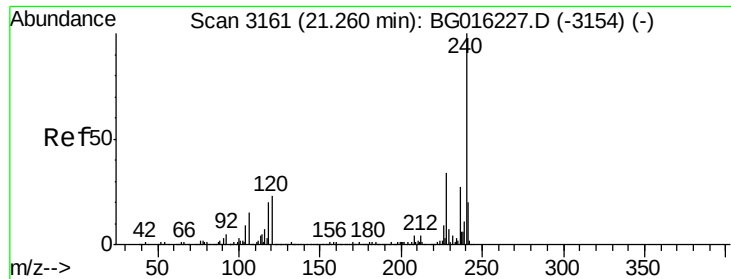


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

Instrument :

BNA_G

ClientSampleId :

CLEARWELL

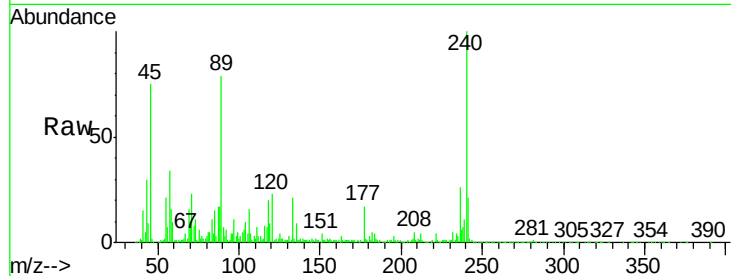
Tgt Ion:240 Resp: 381336

Ion Ratio Lower Upper

240 100

120 22.6 18.6 28.0

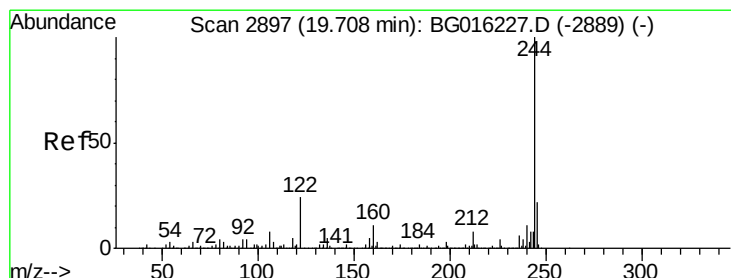
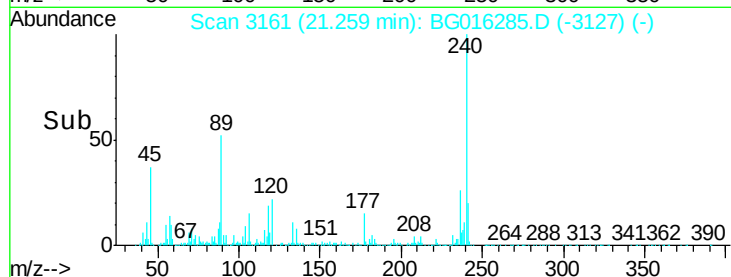
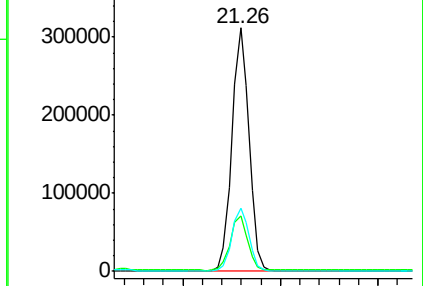
236 26.1 21.7 32.5



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: 42.99 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016285.D

Acq: 8 Apr 2015 20:53

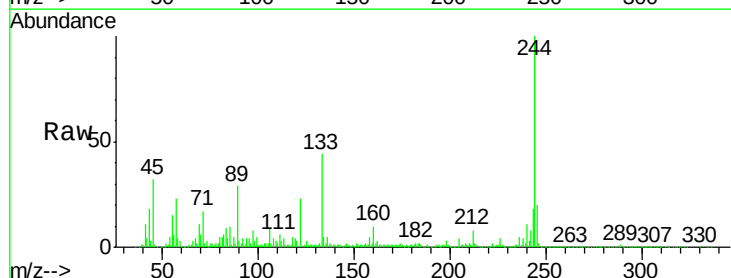
Tgt Ion:244 Resp: 700464

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

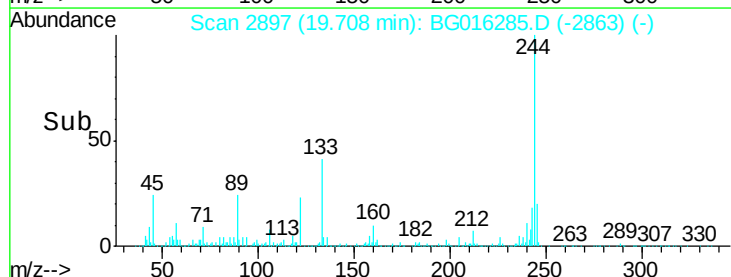
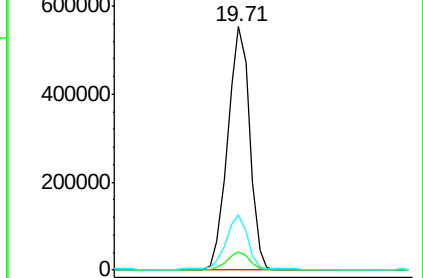
122 23.0 19.1 28.7

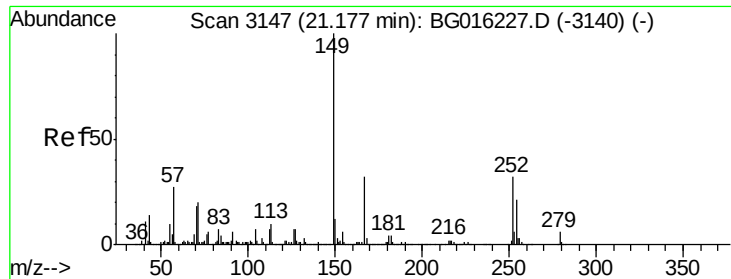


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

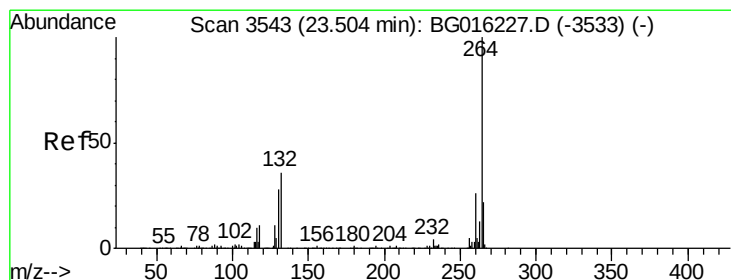
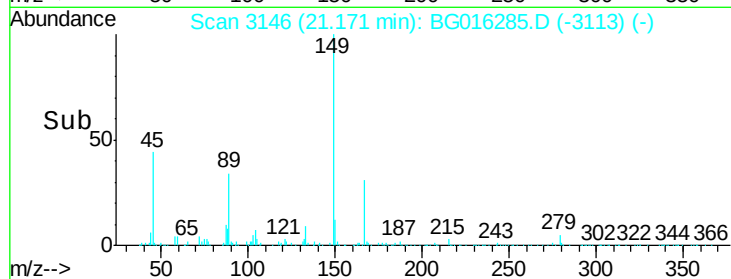
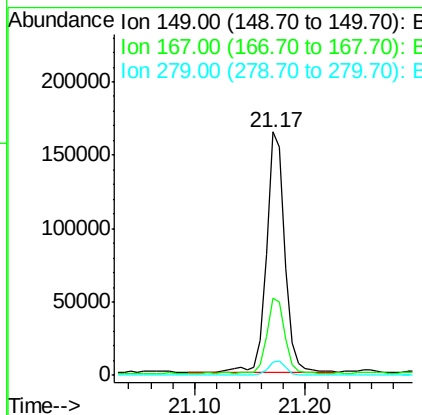
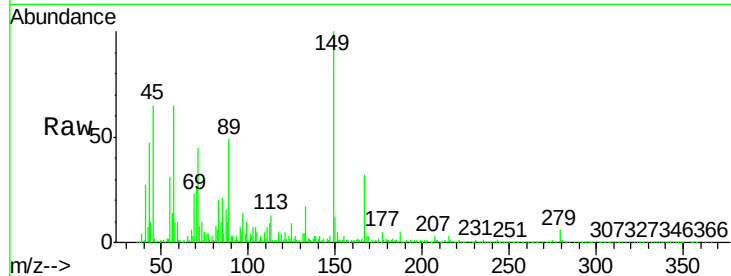




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.80 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG016285.D
 Acq: 8 Apr 2015 20:53

Instrument :
 BNA_G
 ClientSampleId :
 CLEARWELL

Tgt Ion:149 Resp: 190705
 Ion Ratio Lower Upper
 149 100
 167 31.7 25.8 38.6
 279 5.5 4.7 7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3543
 Delta R.T. -0.01 min
 Lab File: BG016285.D
 Acq: 8 Apr 2015 20:53

Tgt Ion:264 Resp: 365234
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 22.6 17.2 25.8

