

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040815\
 Data File : BG016287.D
 Acq On : 8 Apr 2015 22:03
 Operator : TP/IZ
 Sample : G1794-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD-8D

Quant Time: Apr 09 02:49:06 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	76345	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	369196	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	214907	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	438115	20.00	ng	0.00
75) Chrysene-d12	21.25	240	363409	20.00	ng	0.00
86) Perylene-d12	23.50	264	344866	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	411422	85.05	ng	0.03
7) Phenol-d6	6.89	99	625243	86.10	ng	0.03
23) Nitrobenzene-d5	8.86	82	309519	48.57	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	123012	84.64	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	665654	52.74	ng	0.00
78) Terphenyl-d14	19.70	244	745828	48.03	ng	0.00

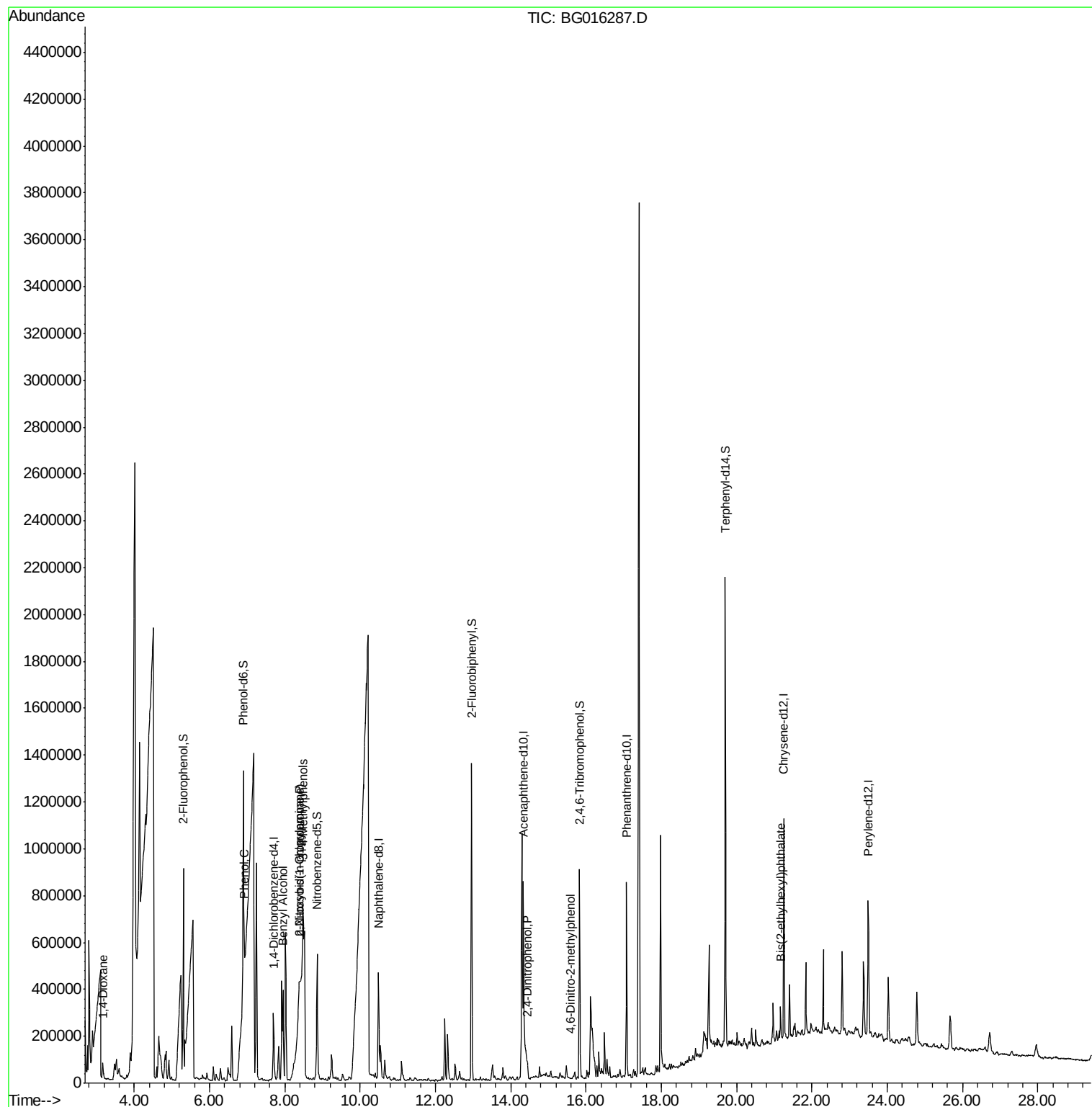
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	4830	2.20	ng	# 1
10) Phenol	6.92	94	41916	5.39	ng	97
15) Benzyl Alcohol	7.95	79	151361	29.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	39689	5.69	ng	# 64
19) n-Nitroso-di-n-propylamine	8.38	70	14703	2.83	ng	# 20
20) 3+4-Methylphenols	8.48	107	109720	15.20	ng	96
53) 2,4-Dinitrophenol	14.44	184	387	8.42	ng	# 27
64) 4,6-Dinitro-2-methylphenol	15.58	198	299	3.97	ng	# 51
83) Bis(2-ethylhexyl)phthalate	21.17	149	42326	2.51	ng	99

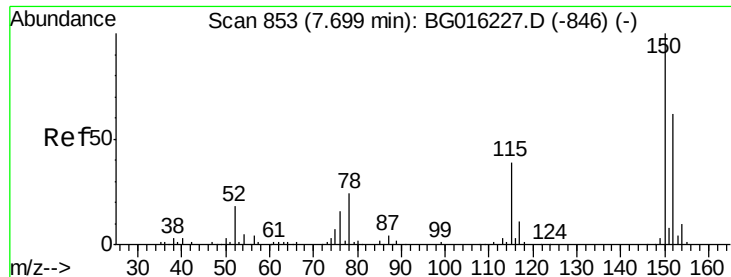
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.01 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

Instrument :

BNA_G

ClientSampleId :

FD-8D

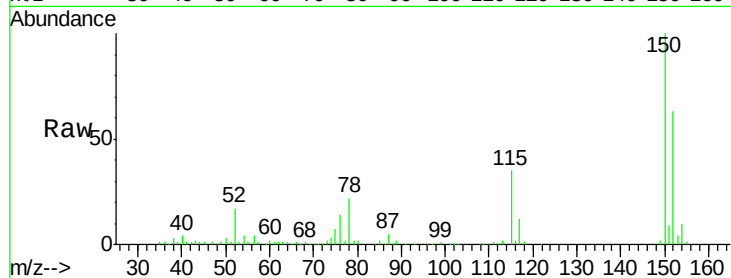
Tgt Ion:152 Resp: 76345

Ion Ratio Lower Upper

152 100

150 159.7 130.1 195.1

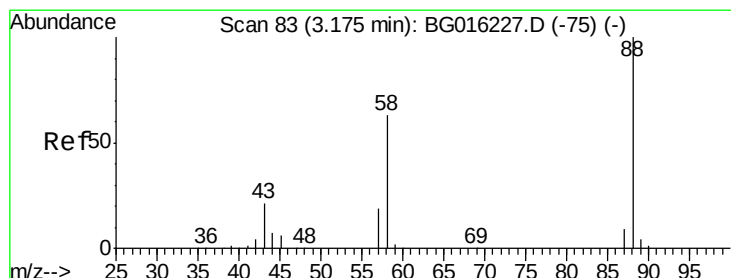
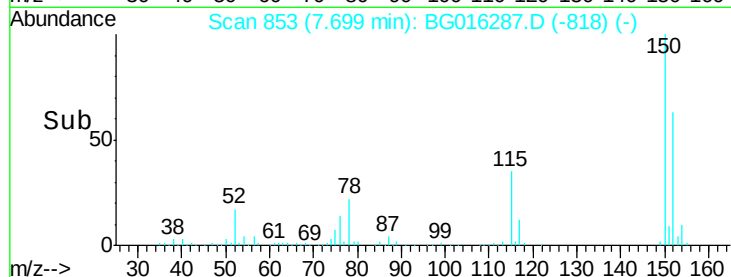
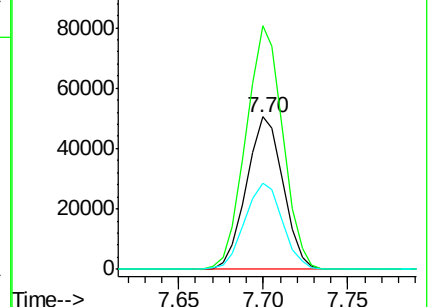
115 56.6 50.5 75.7



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



#2

1,4-Dioxane

Concen: 2.20 ng

RT: 3.16 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

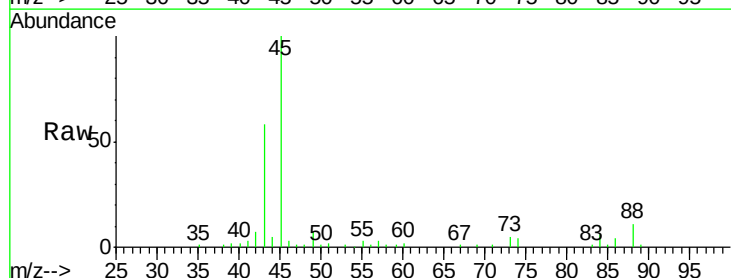
Tgt Ion: 88 Resp: 4830

Ion Ratio Lower Upper

88 100

58 11.5 50.6 76.0#

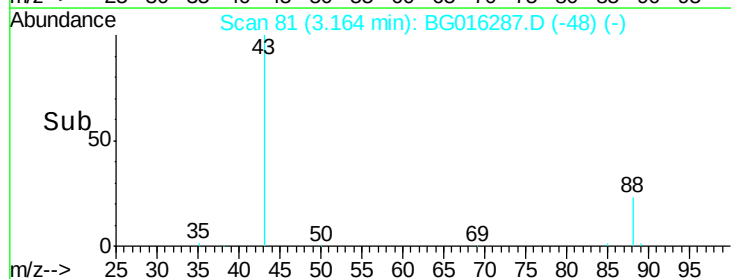
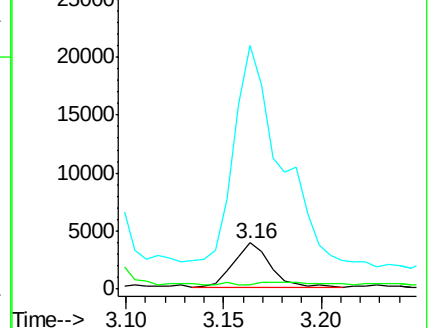
43 687.1 17.0 25.4#

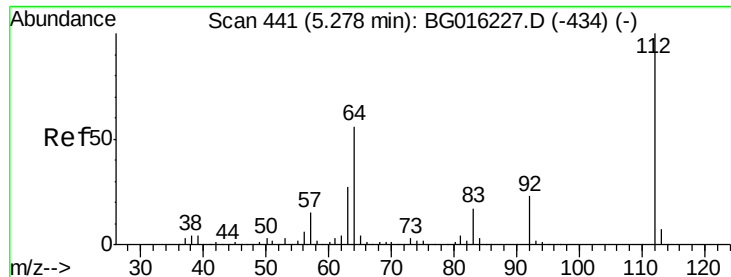


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 85.05 ng

RT: 5.30 min Scan# 445

Delta R.T. 0.03 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

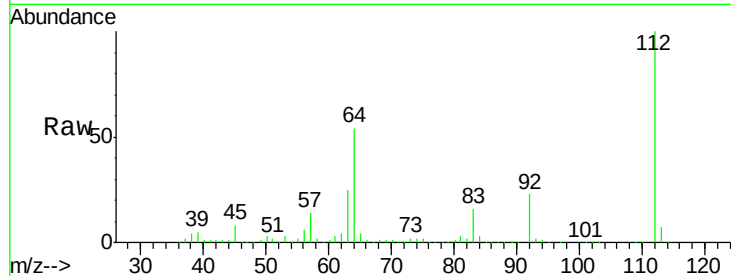
Instrument :

BNA_G

ClientSampleId :

FD-8D

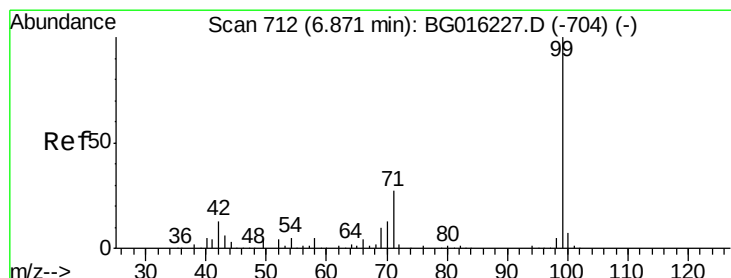
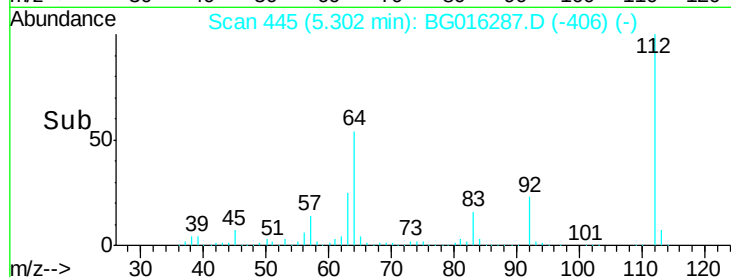
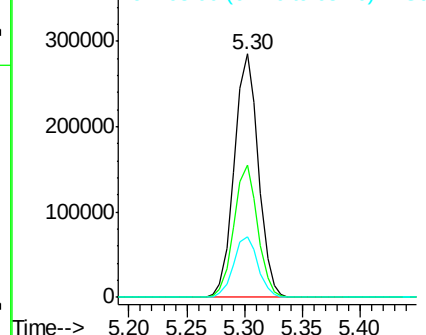
Tgt Ion:	112	Resp:	411422
Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.5	66.7
63	25.0	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 86.10 ng

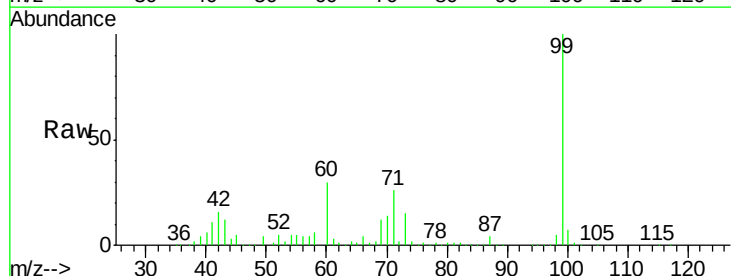
RT: 6.89 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

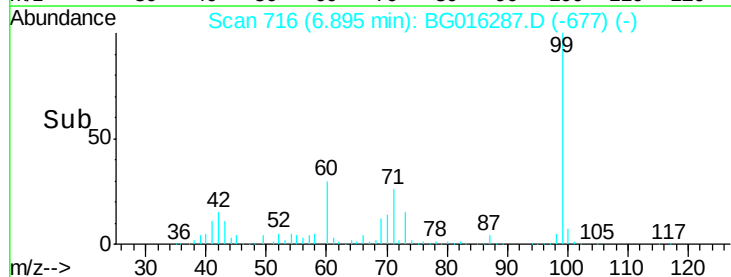
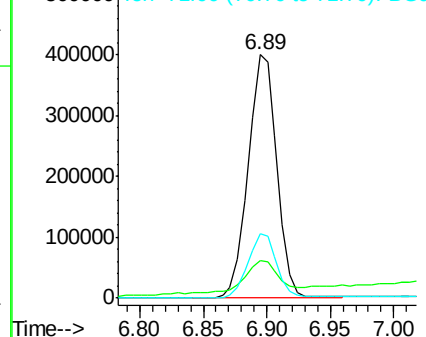
Tgt Ion:	99	Resp:	625243
Ion	Ratio	Lower	Upper
99	100		
42	15.5	10.0	15.0#
71	26.4	21.5	32.3

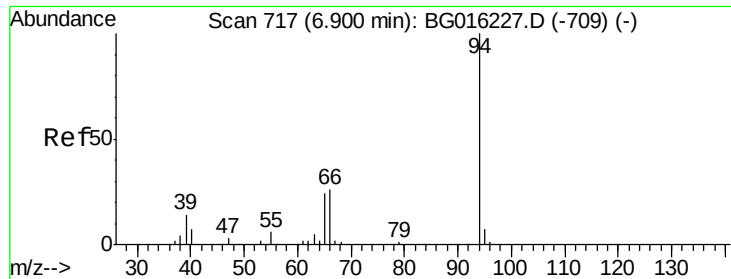


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 5.39 ng

RT: 6.92 min Scan# 721

Delta R.T. 0.03 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

Instrument :

BNA_G

ClientSampled :

FD-8D

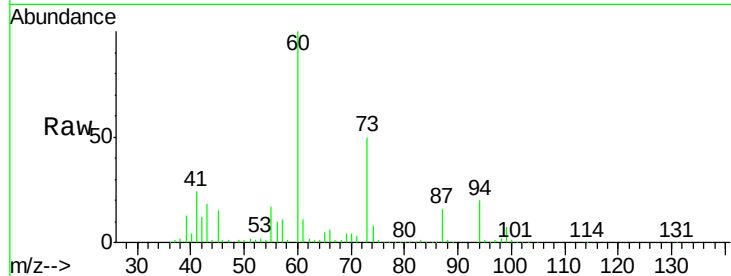
Tgt Ion: 94 Resp: 41916

Ion Ratio Lower Upper

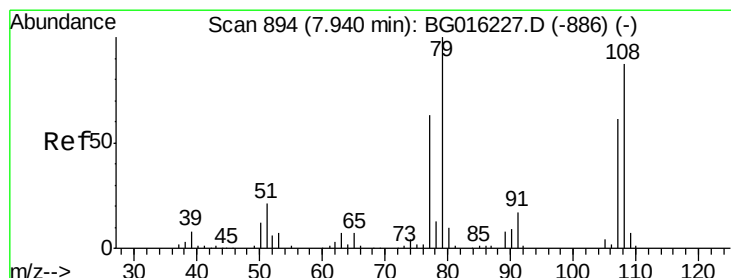
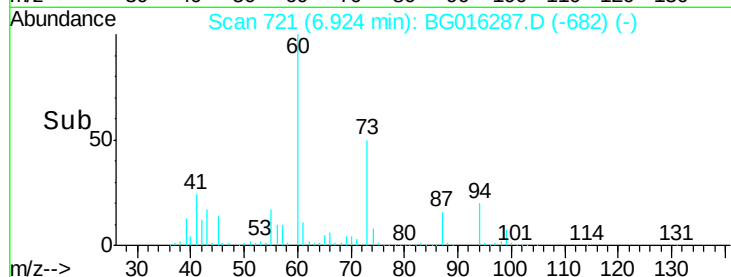
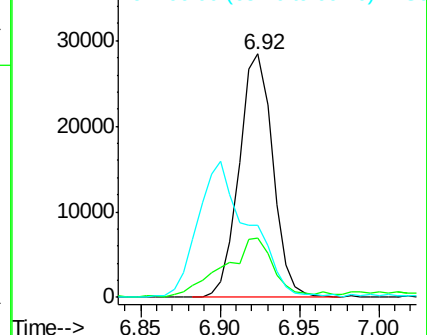
94 100

65 24.4 3.8 43.8

66 29.7 7.4 47.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

Benzyl Alcohol

Concen: 29.90 ng

RT: 7.95 min Scan# 896

Delta R.T. 0.02 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

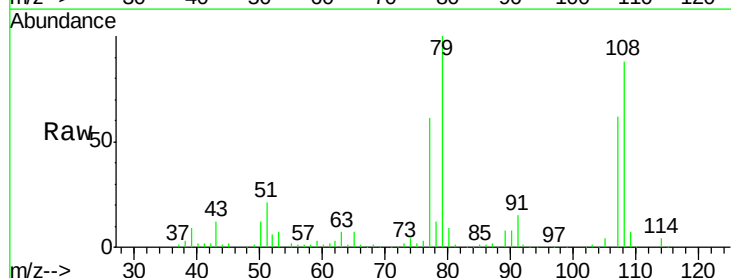
Tgt Ion: 79 Resp: 151361

Ion Ratio Lower Upper

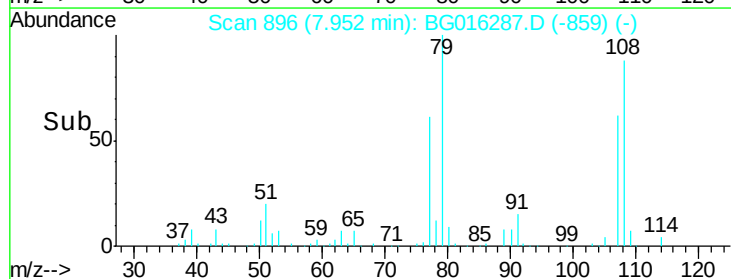
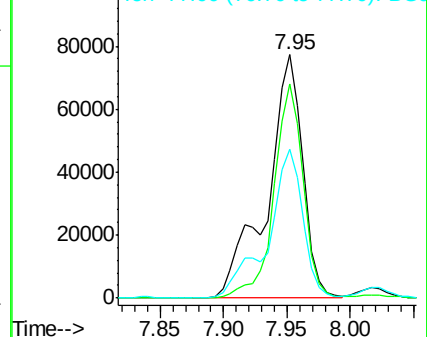
79 100

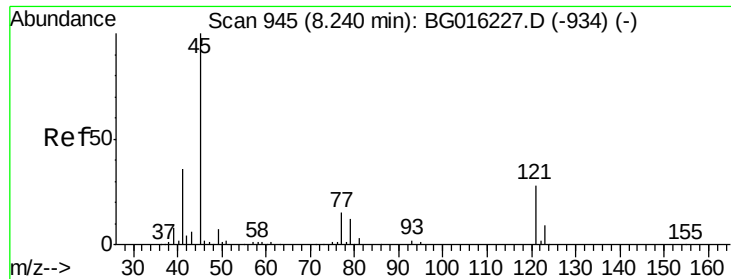
108 87.8 69.3 103.9

77 60.9 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

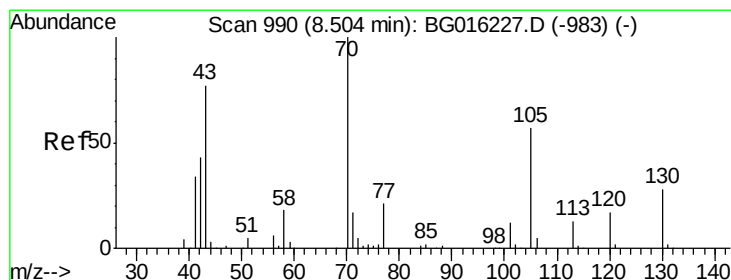
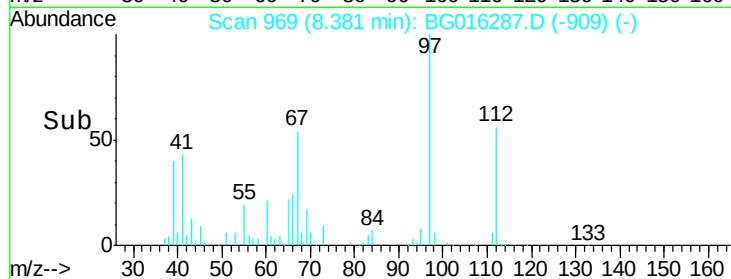
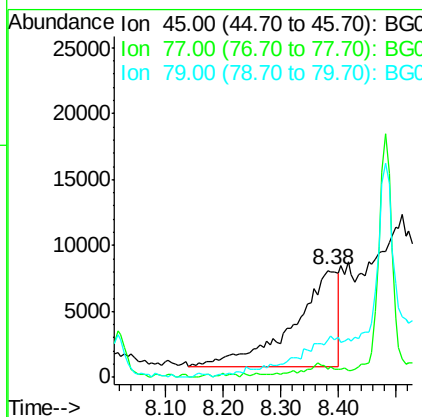
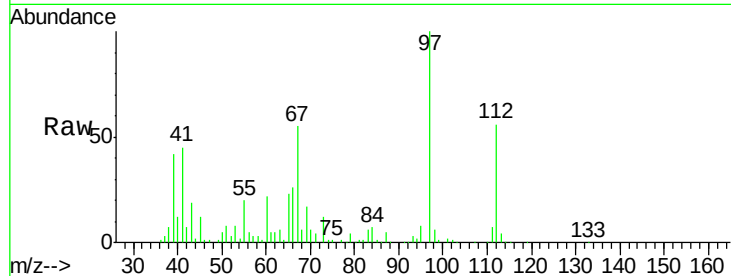




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 5.69 ng
 RT: 8.38 min Scan# 969
 Delta R.T. 0.15 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

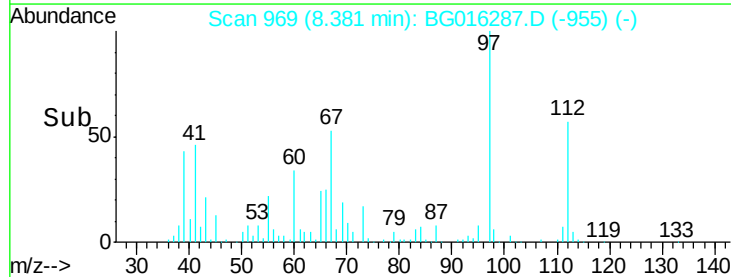
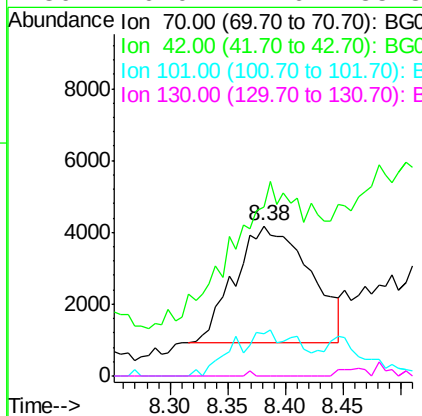
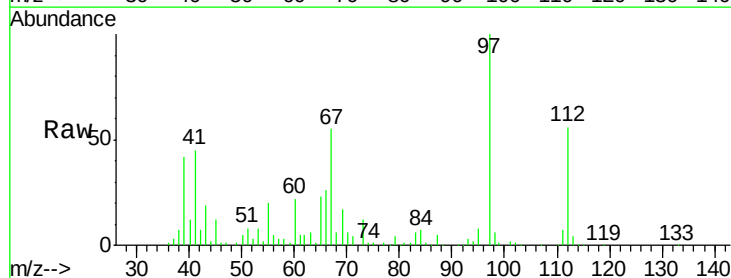
Instrument :
 BNA_G
 ClientSampled :
 FD-8D

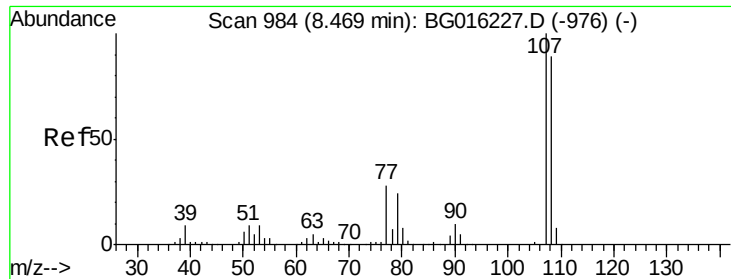
Tgt Ion: 45 Resp: 39689
 Ion Ratio Lower Upper
 45 100
 77 7.8 0.0 35.3
 79 35.5 0.0 32.3#



#19
 n-Nitroso-di-n-propylamine
 Concen: 2.83 ng
 RT: 8.38 min Scan# 969
 Delta R.T. -0.12 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Tgt Ion: 70 Resp: 14703
 Ion Ratio Lower Upper
 70 100
 42 112.4 34.7 52.1#
 101 28.1 9.2 13.8#
 130 0.0 22.6 33.8#

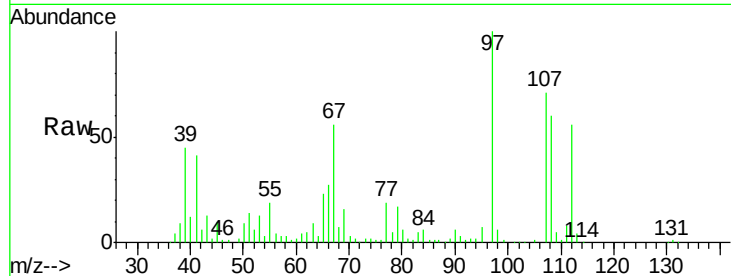




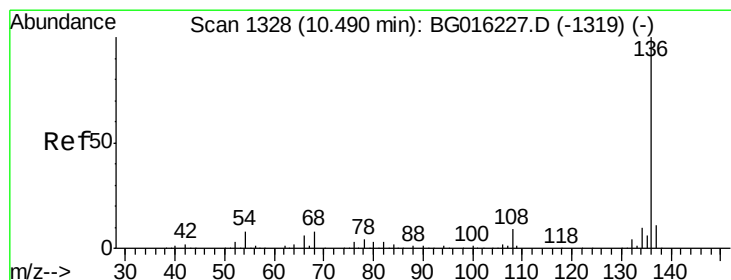
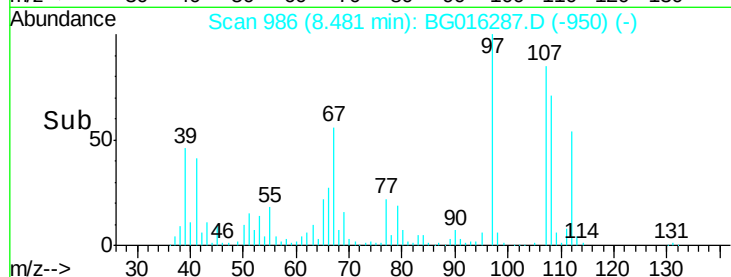
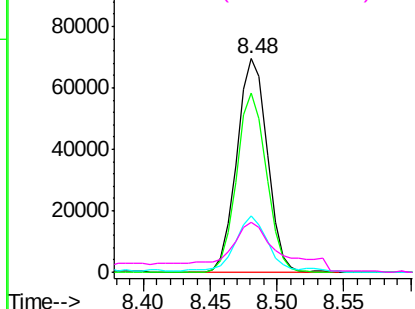
#20
3+4-Methylphenols
Concen: 15.20 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
FD-8D

Tgt Ion:107 Resp: 109720
Ion Ratio Lower Upper
107 100
108 84.1 69.5 109.5
77 26.6 8.2 48.2
79 23.3 3.8 43.8

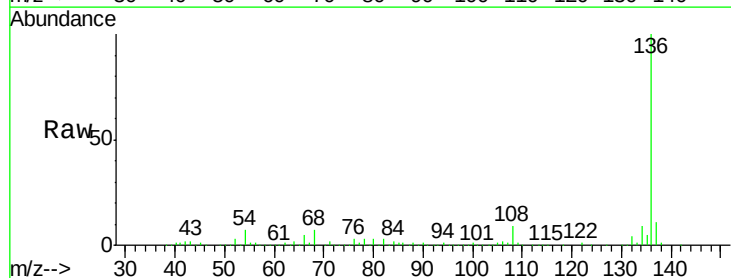


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

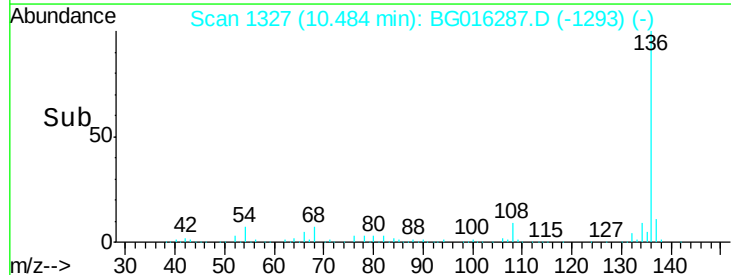
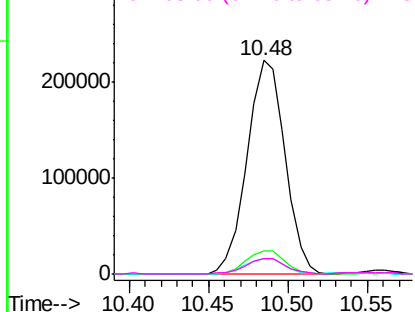


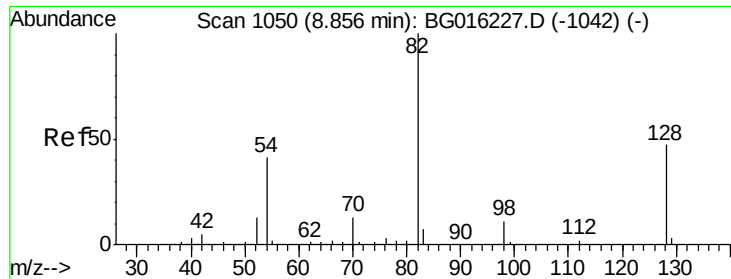
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Tgt Ion:136 Resp: 369196
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.4 6.3 9.5
68 7.3 6.5 9.7



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

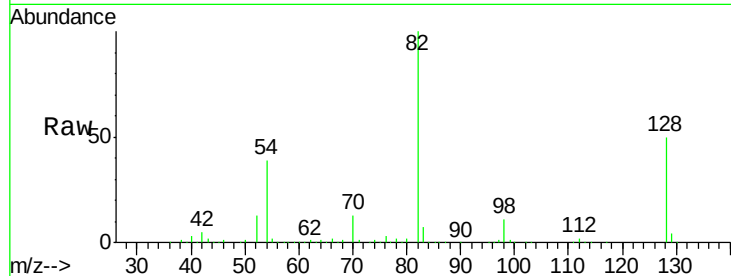




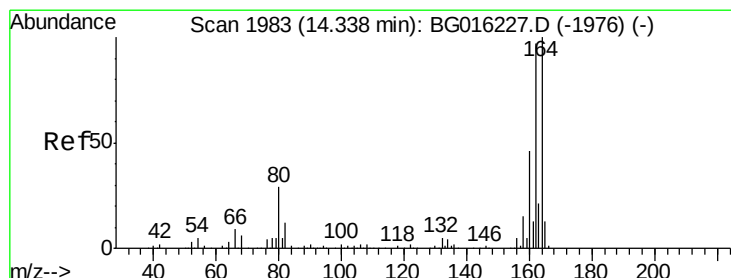
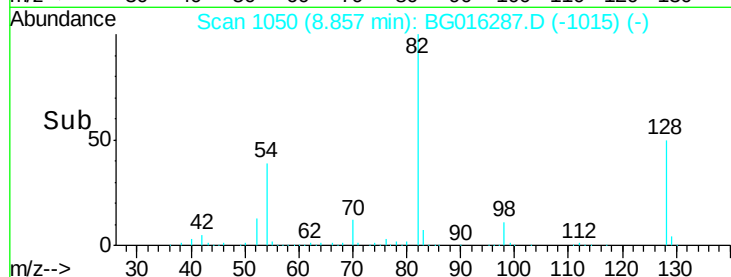
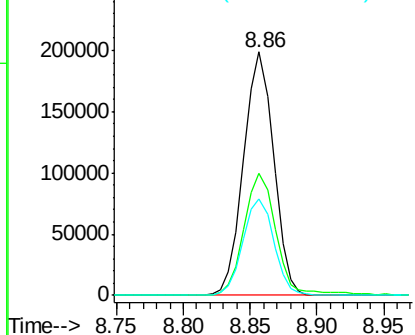
#23
 Nitrobenzene-d5
 Concen: 48.57 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Instrument :
 BNA_G
 ClientSampled :
 FD-8D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.8	56.8
54	39.4	32.6	49.0

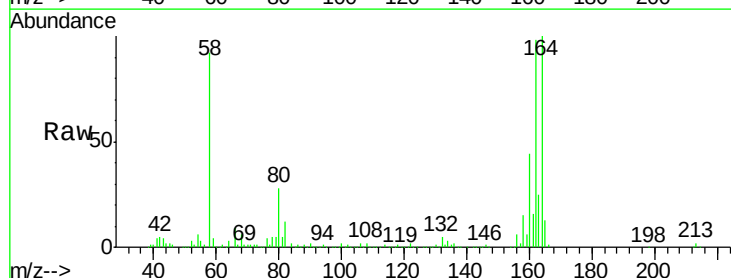


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

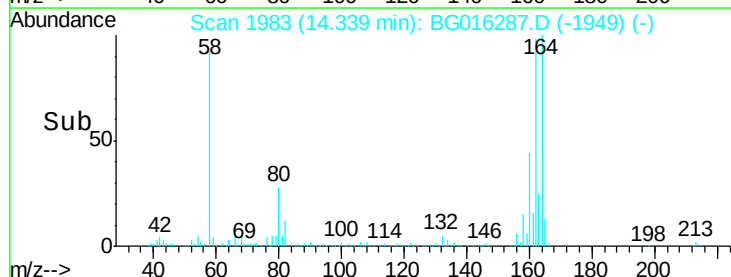
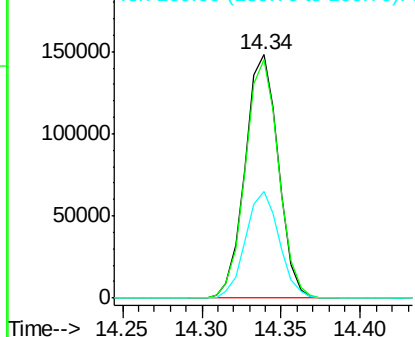


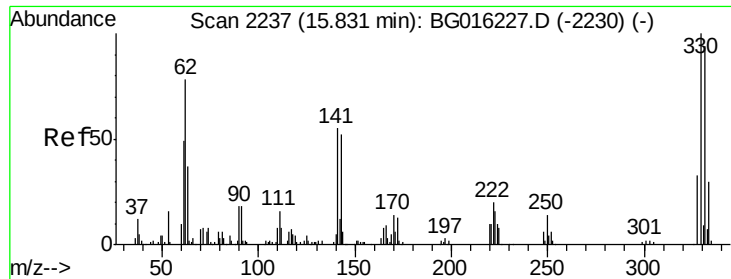
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.3	115.9
160	44.0	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

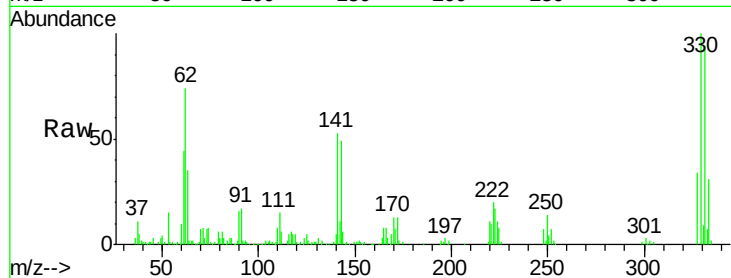




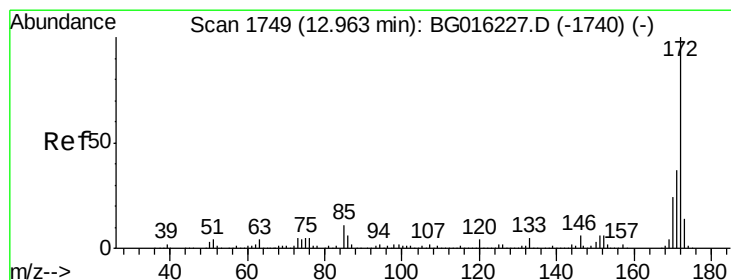
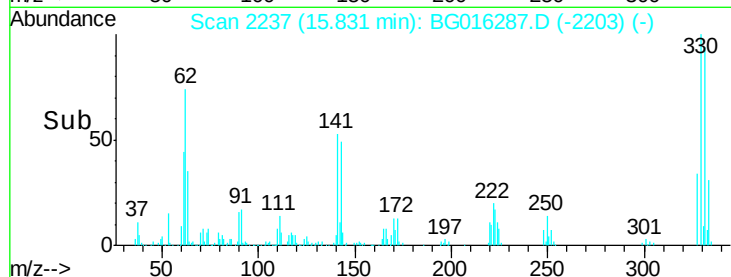
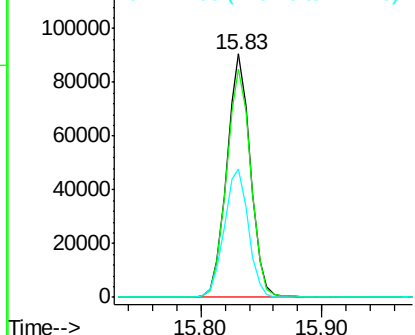
#41
 2,4,6-Tribromophenol
 Concen: 84.64 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Instrument :
 BNA_G
 ClientSampleId :
 FD-8D

Tgt Ion:330 Resp: 123012
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 54.0 46.6 69.8

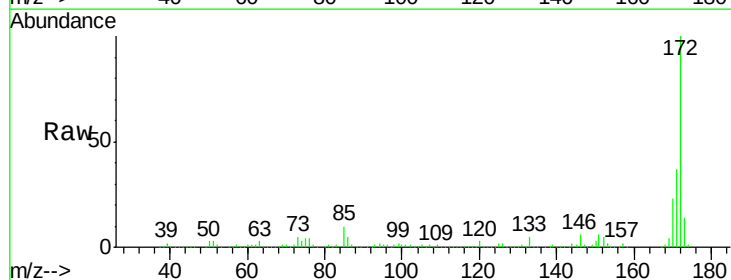


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

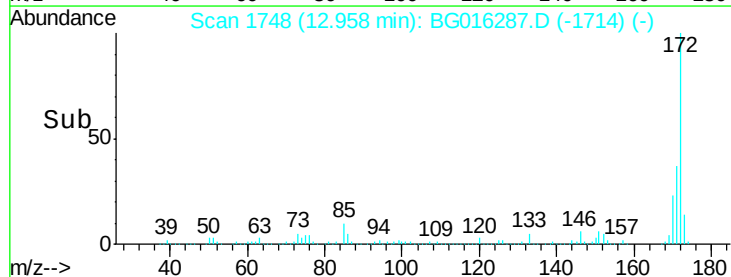
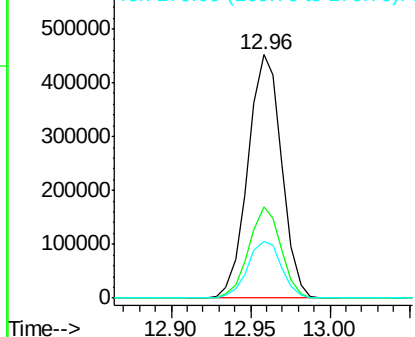


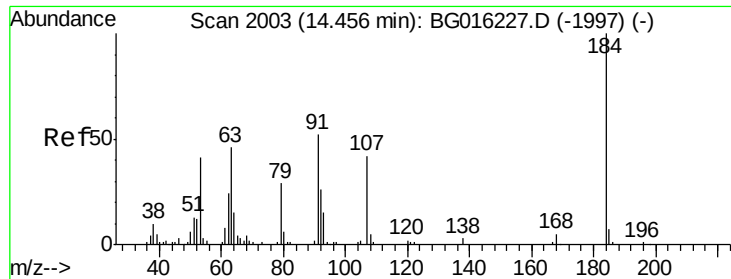
#44
 2-Fluorobiphenyl
 Concen: 52.74 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Tgt Ion:172 Resp: 665654
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 23.4 19.4 29.2



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

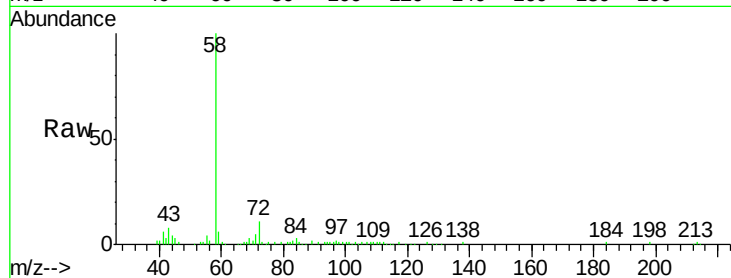




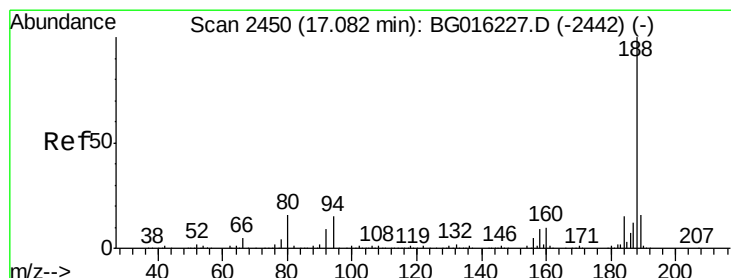
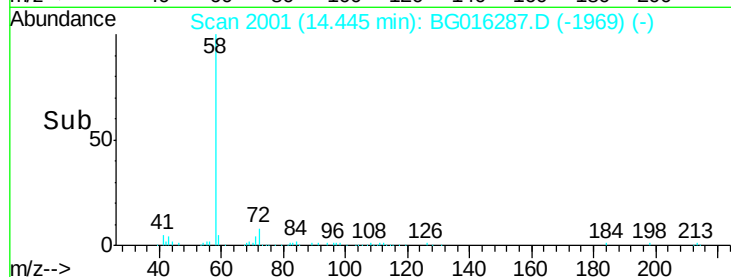
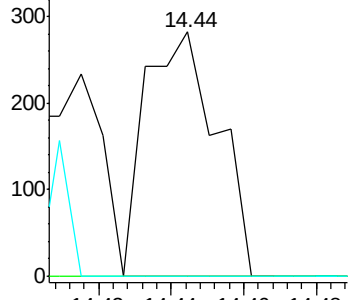
#53
 2,4-Dinitrophenol
 Concen: 8.42 ng
 RT: 14.44 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Instrument :
 BNA_G
 ClientSampleId :
 FD-8D

Tgt Ion:184 Resp: 387
 Ion Ratio Lower Upper
 184 100
 63 0.0 45.8 68.6#
 154 0.0 34.5 51.7#

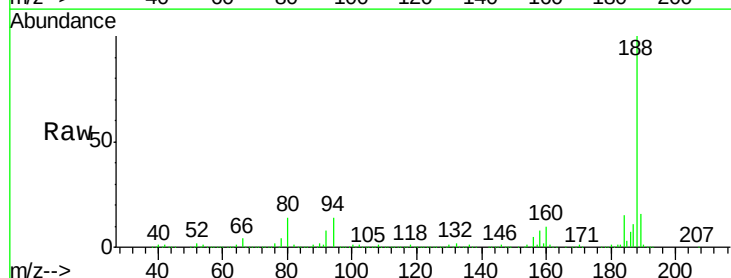


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

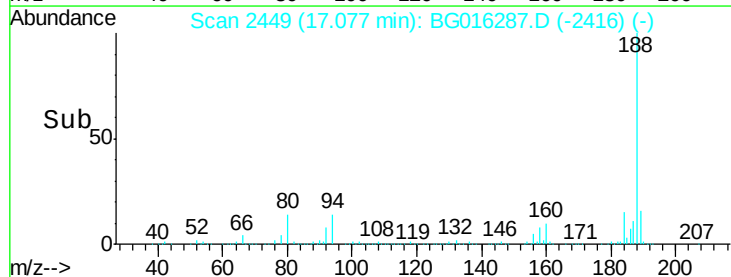
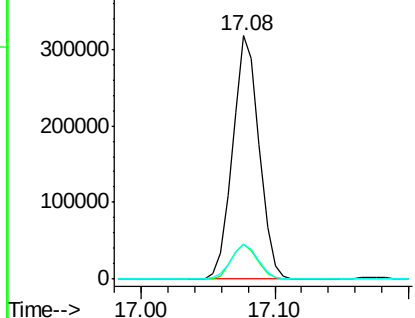


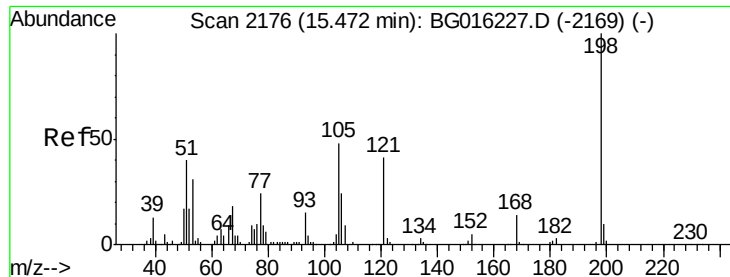
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Tgt Ion:188 Resp: 438115
 Ion Ratio Lower Upper
 188 100
 94 14.2 12.2 18.4
 80 14.4 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

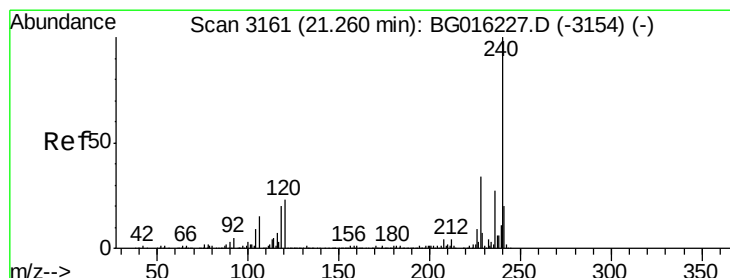
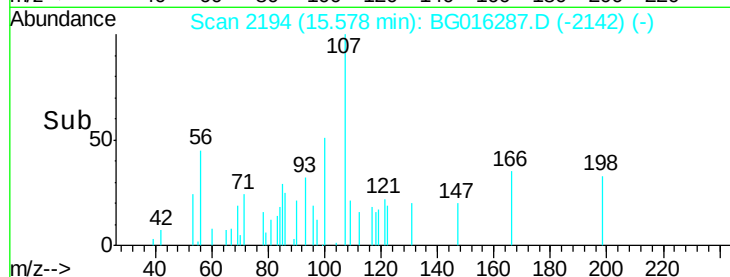
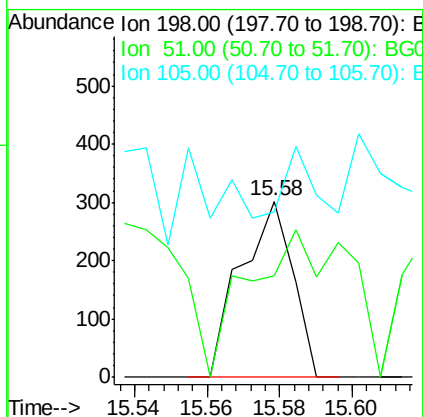
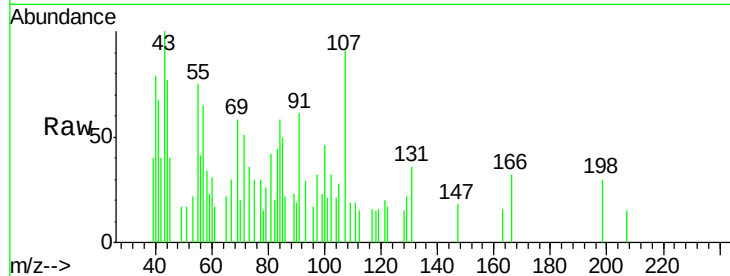




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.97 ng
 RT: 15.58 min Scan# 2194
 Delta R.T. 0.11 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

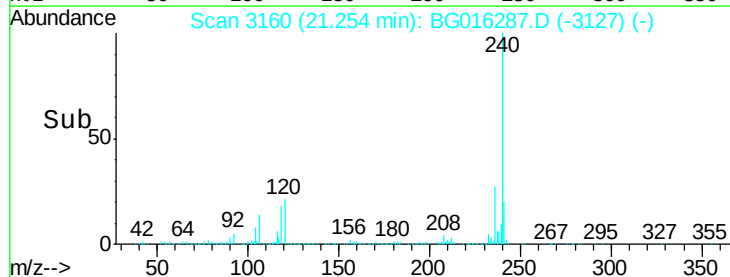
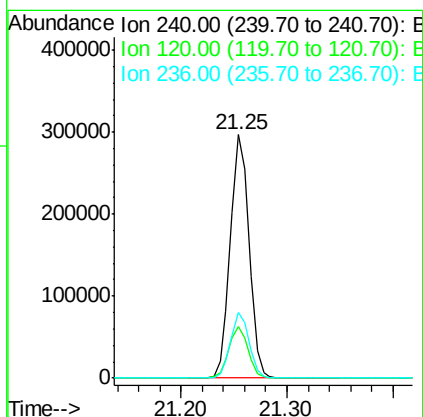
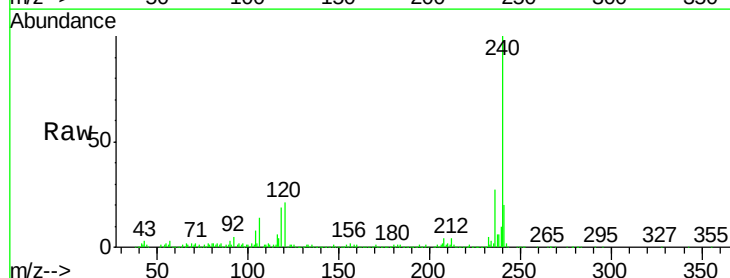
Instrument :
 BNA_G
 ClientSampled :
 FD-8D

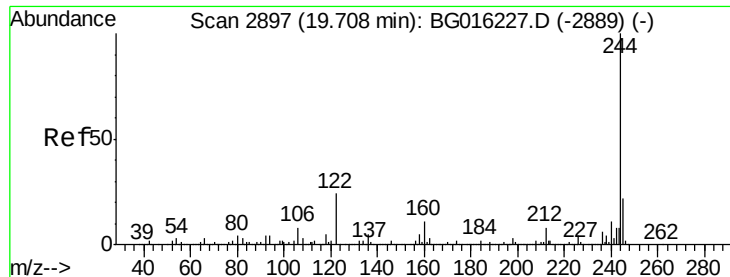
Tgt Ion:198 Resp: 299
 Ion Ratio Lower Upper
 198 100
 51 57.6 20.7 60.7
 105 94.0 28.8 68.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.25 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG016287.D
 Acq: 8 Apr 2015 22:03

Tgt Ion:240 Resp: 363409
 Ion Ratio Lower Upper
 240 100
 120 21.3 18.6 28.0
 236 27.2 21.7 32.5





#78

Terphenyl-d14

Concen: 48.03 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

Instrument :

BNA_G

ClientSampleId :

FD-8D

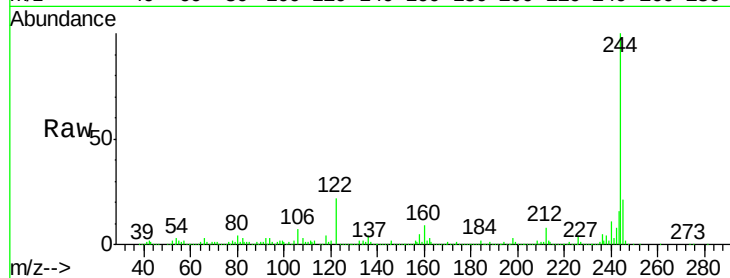
Tgt Ion:244 Resp: 745828

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

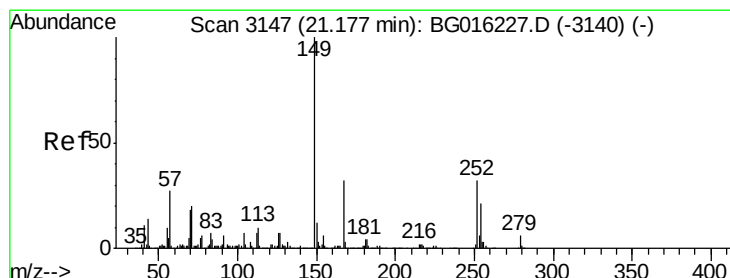
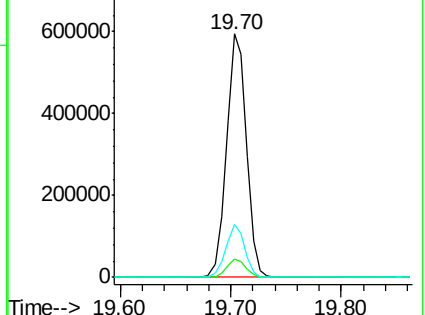
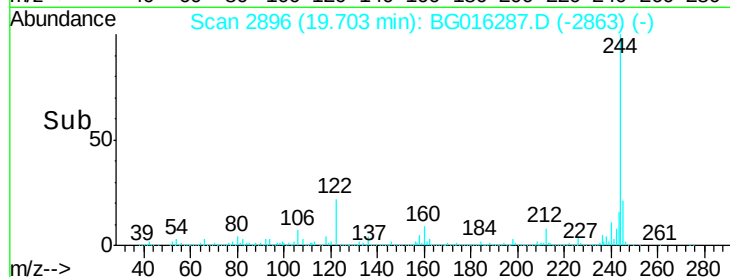
122 21.9 19.1 28.7



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: 2.51 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

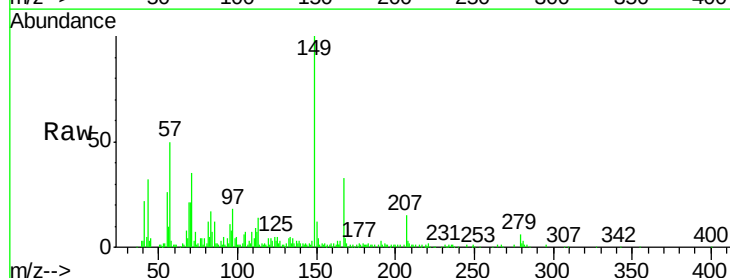
Tgt Ion:149 Resp: 42326

Ion Ratio Lower Upper

149 100

167 32.8 25.8 38.6

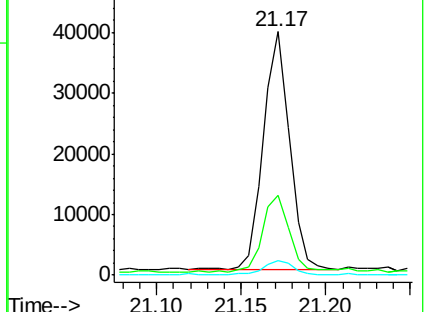
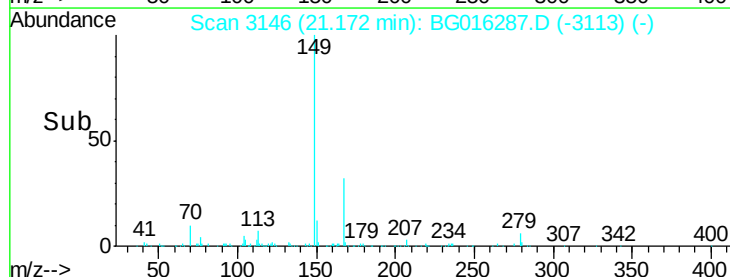
279 5.9 4.7 7.1

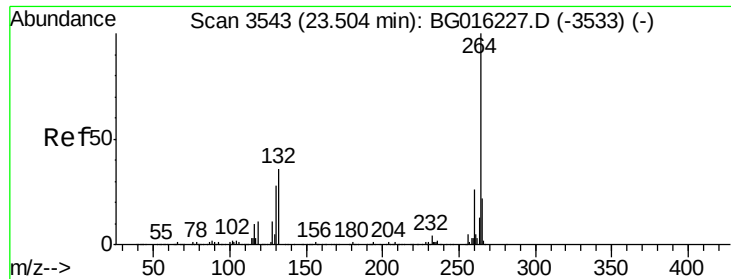


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

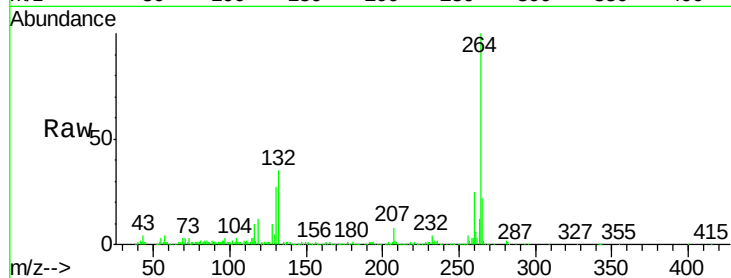




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
FD-8D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.9	17.2	25.8

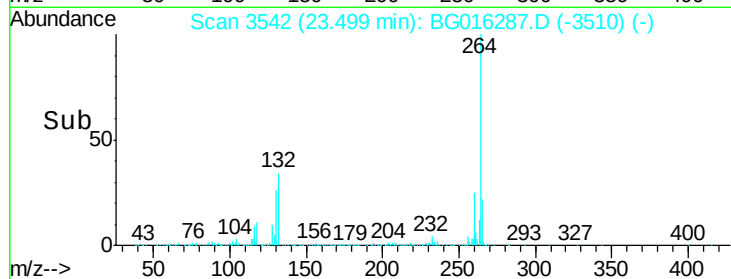
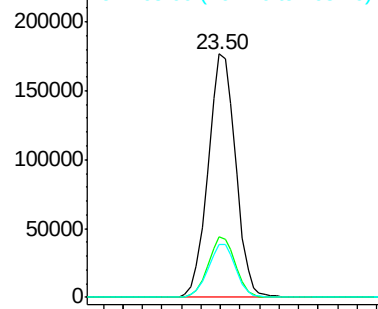


Abundance

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



Time-->