

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 05:33:07 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

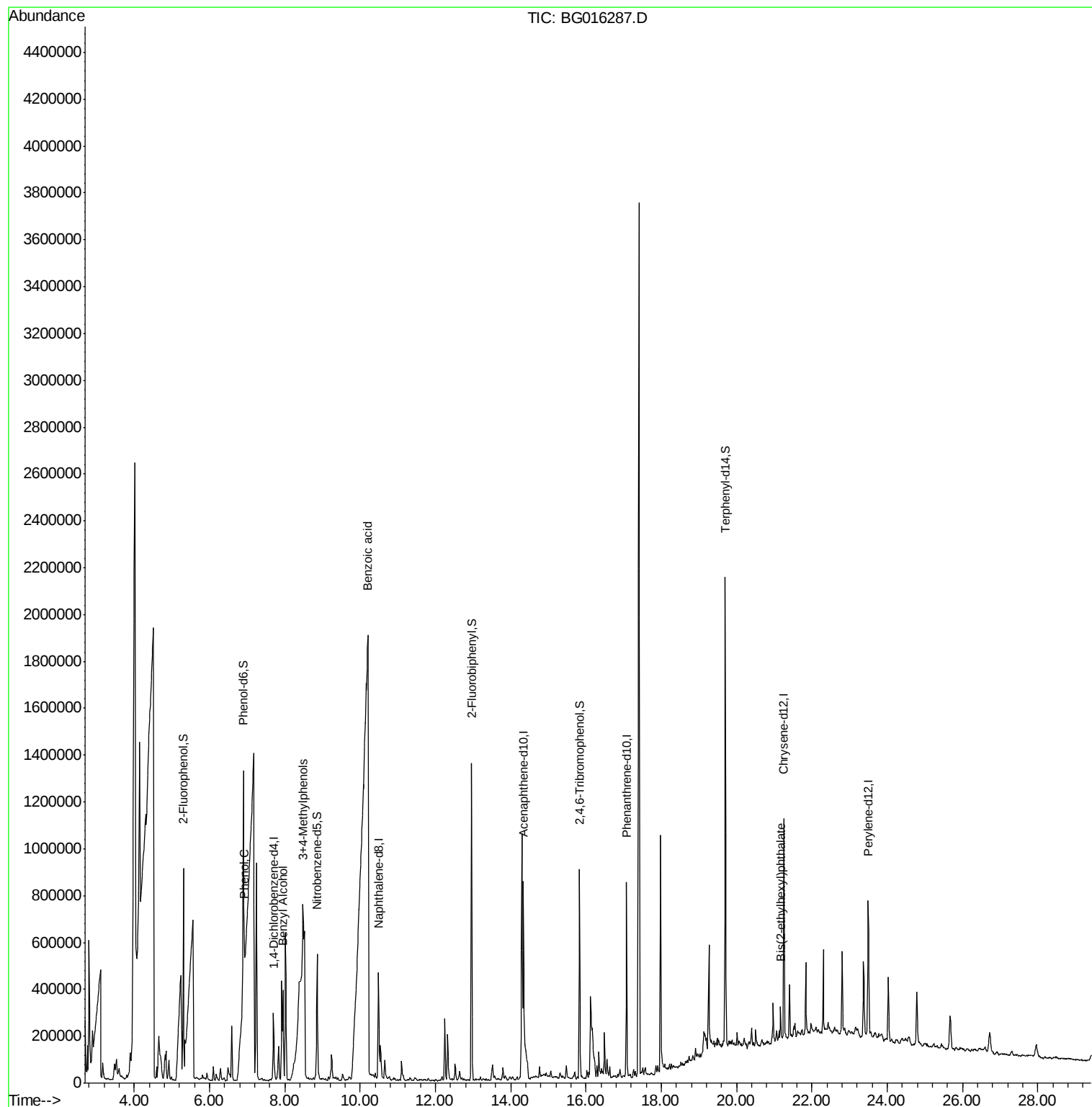
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	76345	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	369196	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	214907	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	438115	20.00	ng	0.00
75) Chrysene-d12	21.25	240	363409	20.00	ng	0.00
86) Perylene-d12	23.50	264	344866	20.00	ng	-0.01
System Monitoring Compounds						
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						
10) Phenol	6.92	94	41916	5.39	ng	97
15) Benzyl Alcohol	7.95	79	151361	29.90	ng	98
20) 3+4-Methylphenols	8.48	107	109720	15.20	ng	96
32) Benzoic acid	10.21	122	5071225m	1083.06	ng	
83) Bis(2-ethylhexyl)phthalate	21.17	149	42326	2.51	ng	99

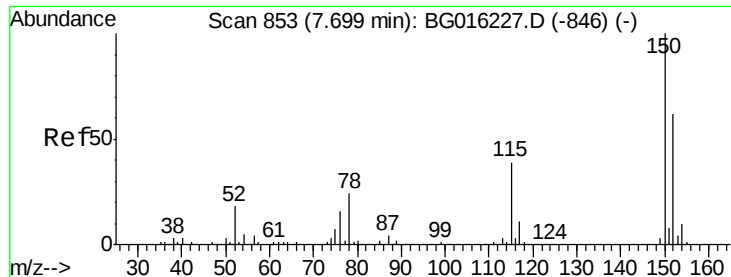
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 09 02:28:50 2015
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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

ClientSampled :

FD-8D

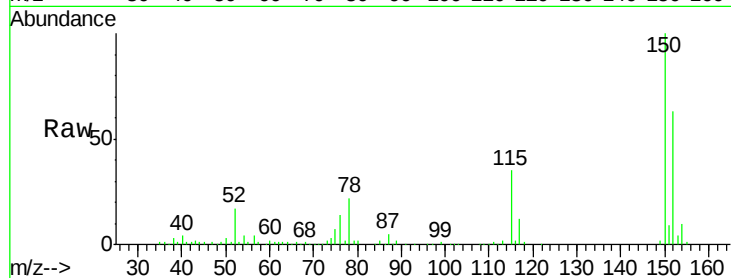
Tot Ion:152 Resp: 76345

Ion Ratio Lower Upper

152 100

150 159.7 130.1 195.1

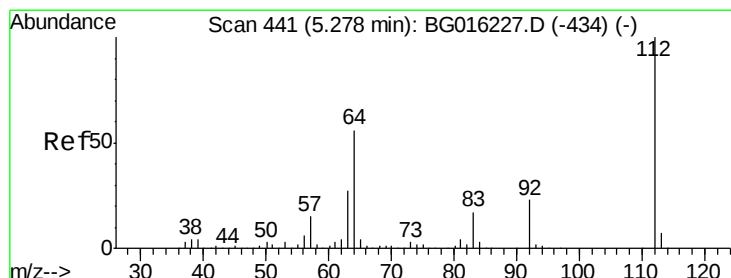
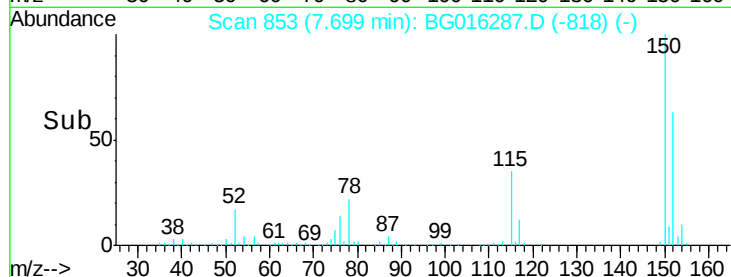
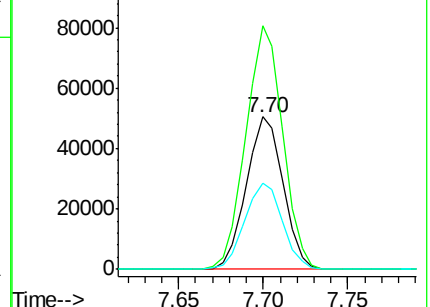
115 56.6 50.5 75.7



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



#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

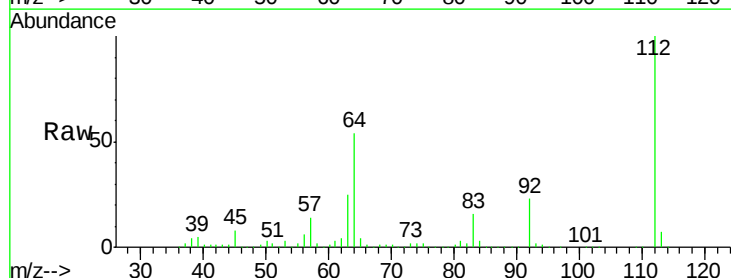
Tgt Ion:112 Resp: 411422

Ion Ratio Lower Upper

112 100

64 54.4 44.5 66.7

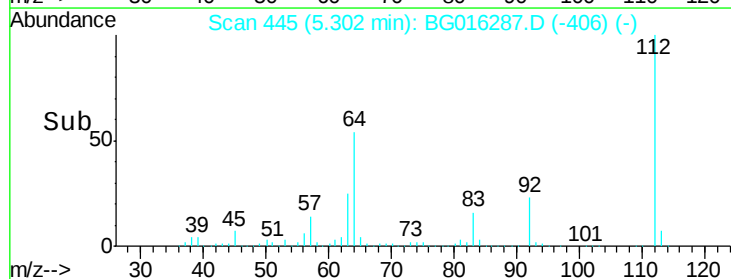
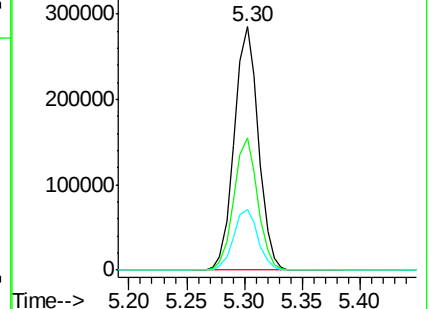
63 25.0 21.4 32.0

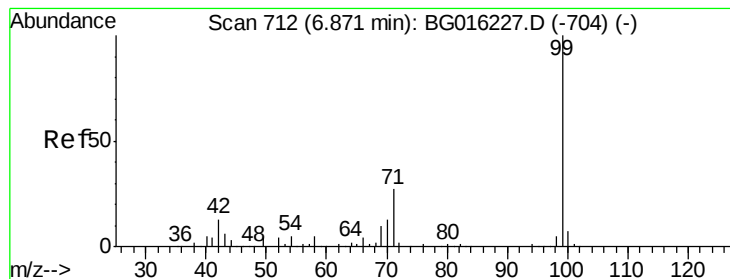


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

Instrument :

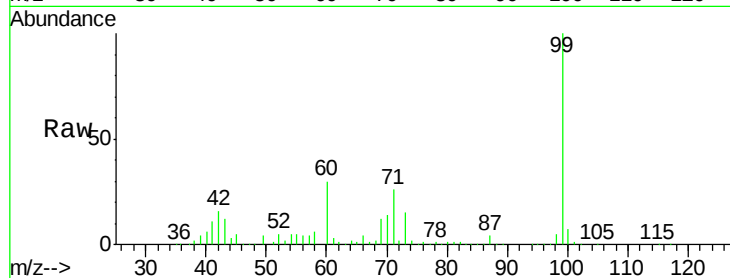
BNA_G

ClientSampleId :

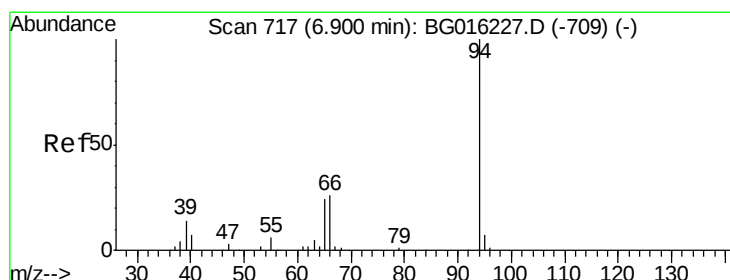
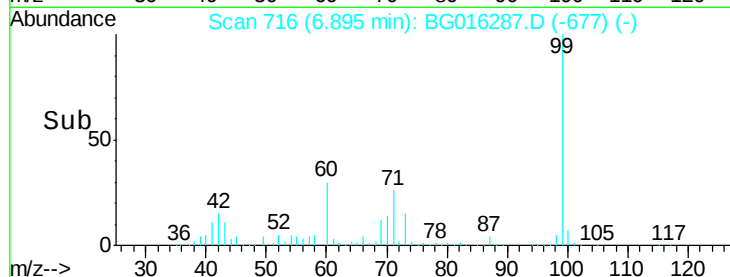
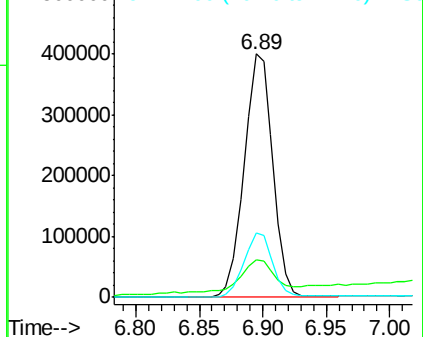
FD-8D

Tot 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

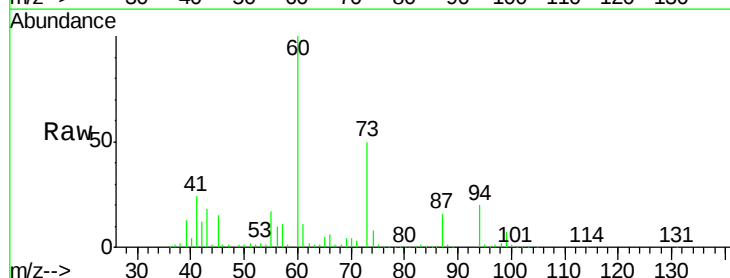
Delta R.T. 0.03 min

Lab File: BG016287.D

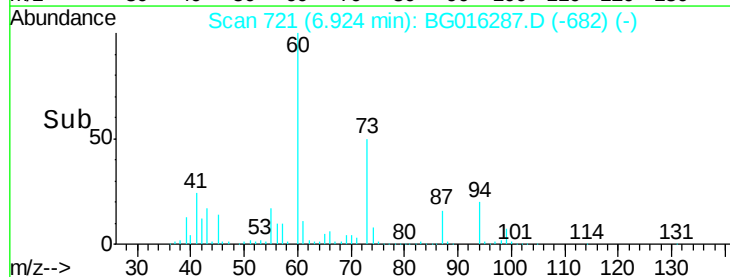
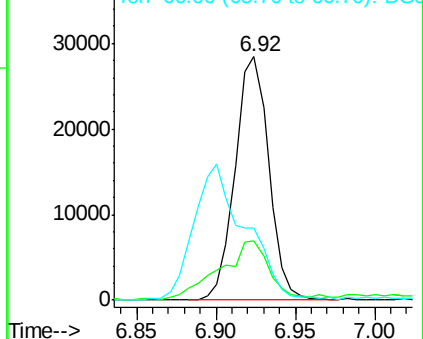
Acq: 8 Apr 2015 22:03

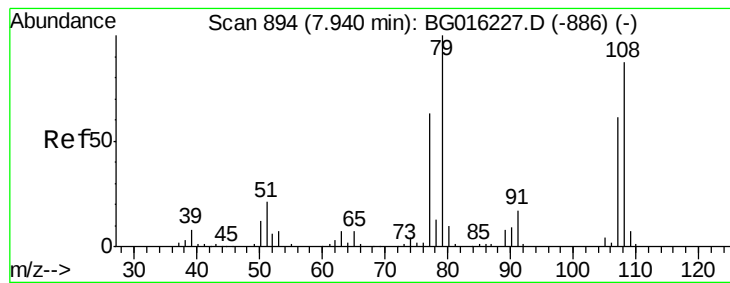
Tgt Ion: 94 Resp: 41916

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

Instrument :

BNA_G

ClientSampleId :

FD-8D

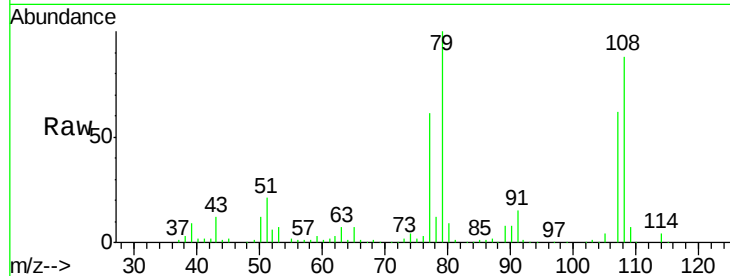
Tot Ion: 79 Resp: 151361

Ion Ratio Lower Upper

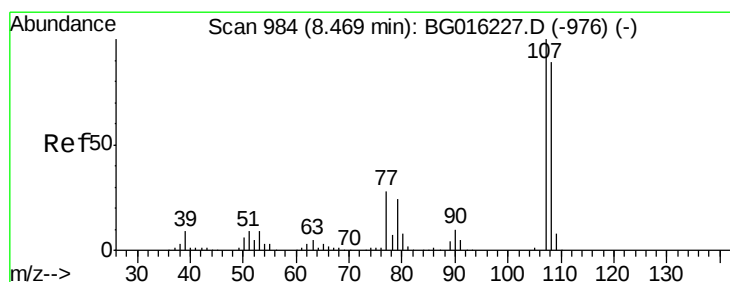
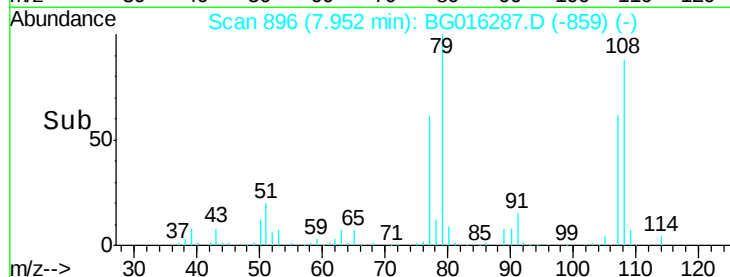
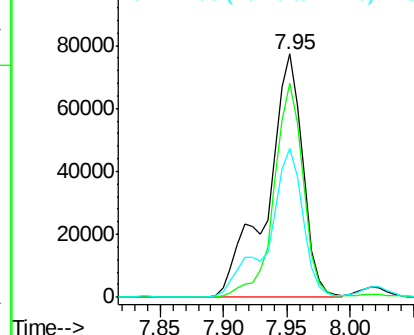
79 100

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



#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

Tgt Ion: 107 Resp: 109720

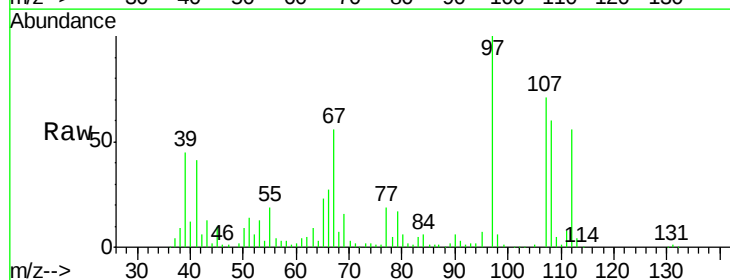
Ion Ratio Lower Upper

107 100

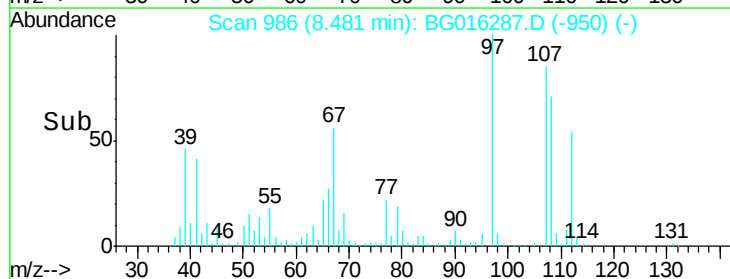
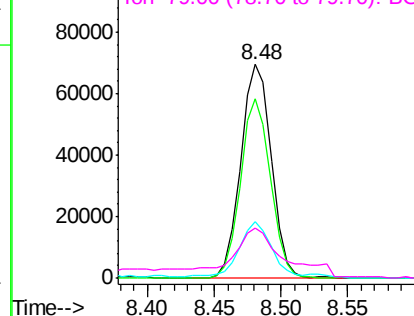
108 84.1 69.5 109.5

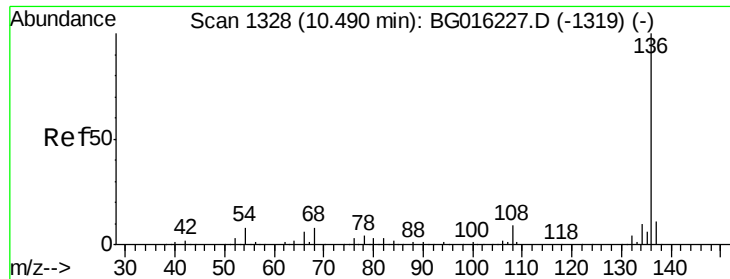
77 26.6 8.2 48.2

79 23.3 3.8 43.8



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

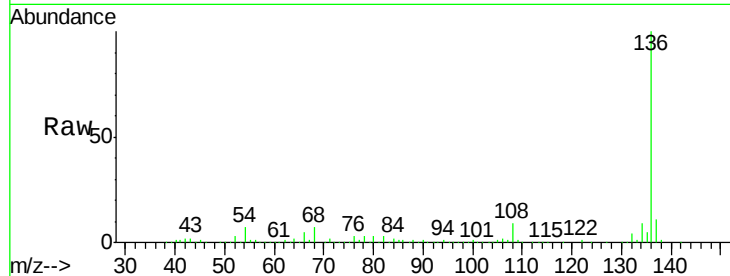




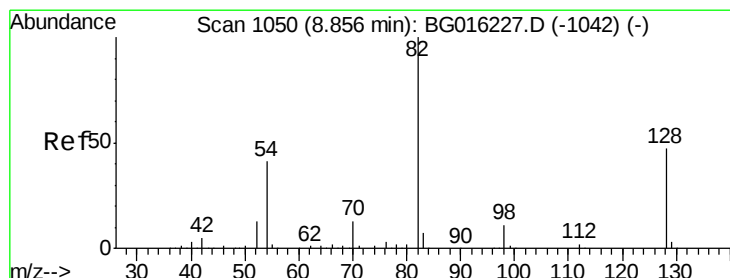
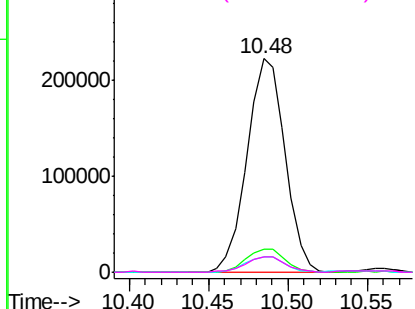
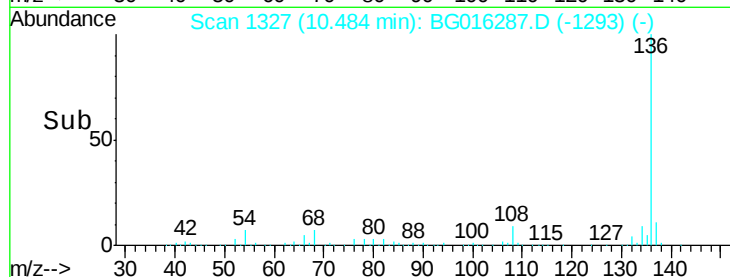
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
FD-8D

Tot 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

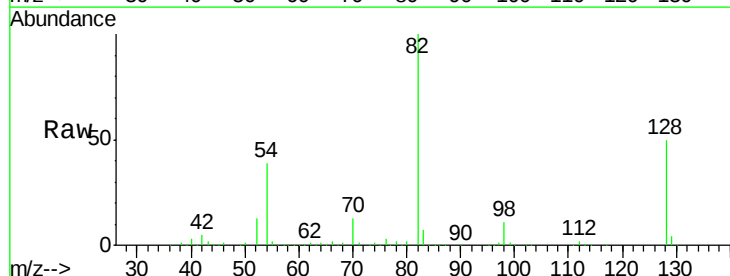


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

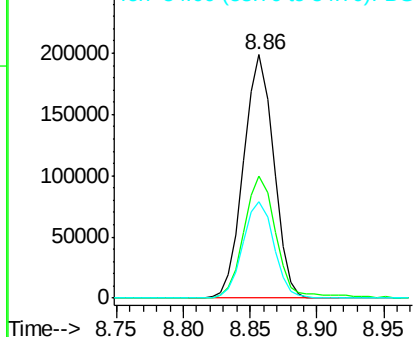
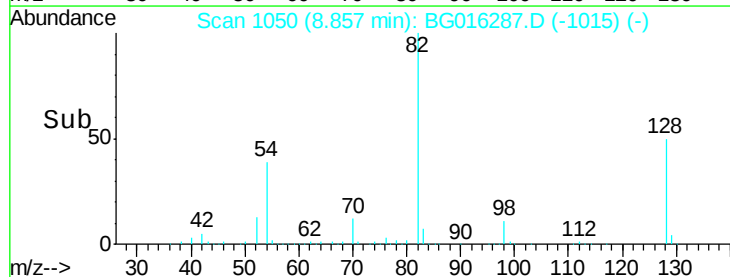


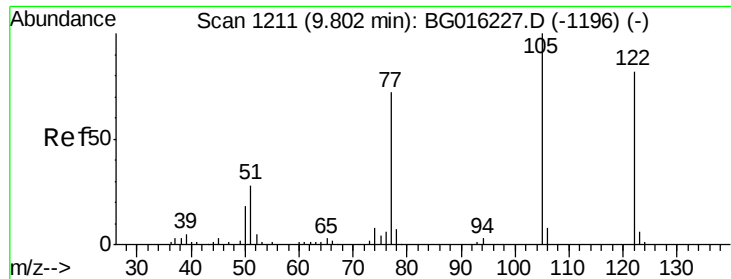
#23
Nitrobenzene-d5
Concen: 48.57 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Tgt Ion: 82	Resp:	309519
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





#32

Benzoic acid

Concen: 1083.06 ng/mL

RT: 10.21 min Scan# 1280

Delta R.T. 0.40 min

Lab File: BG016287.D

Acq: 8 Apr 2015 22:03

Instrument :

BNA_G

ClientSampleId :

FD-8D

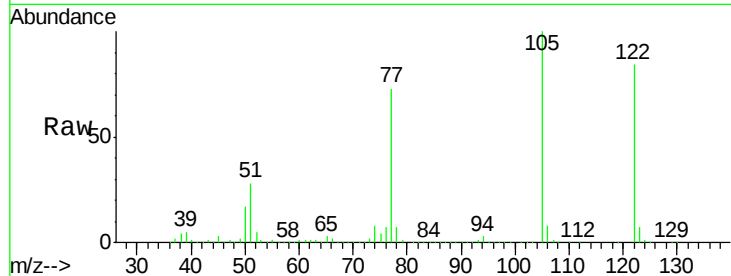
Tot Ion:122 Resp: 5071225

Ion Ratio Lower Upper

122 100

105 119.3 99.7 139.7

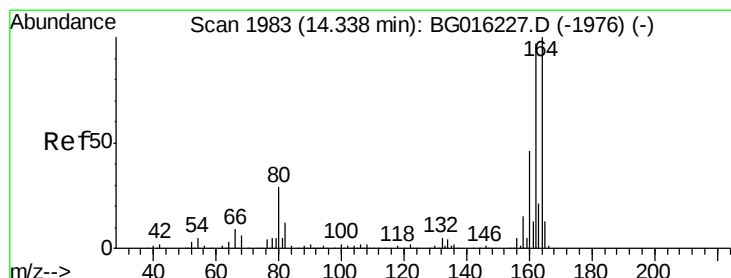
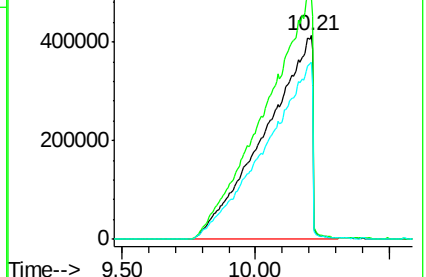
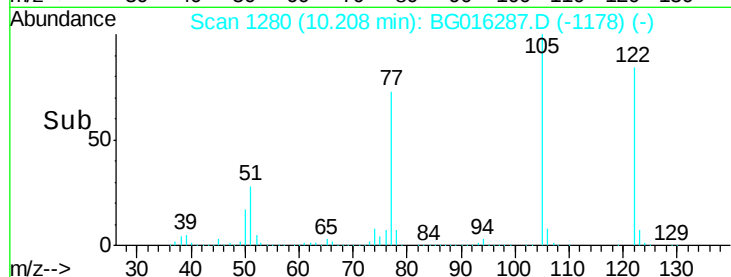
77 86.8 66.8 106.8



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): B



#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

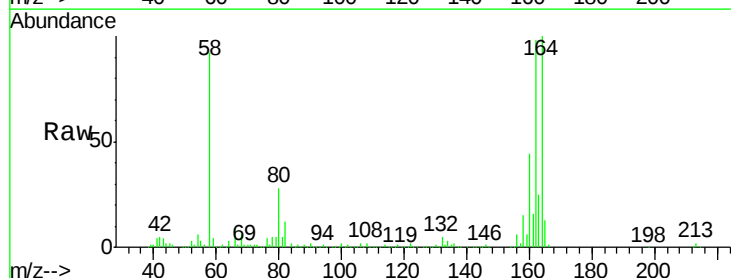
Tgt Ion:164 Resp: 214907

Ion Ratio Lower Upper

164 100

162 97.8 77.3 115.9

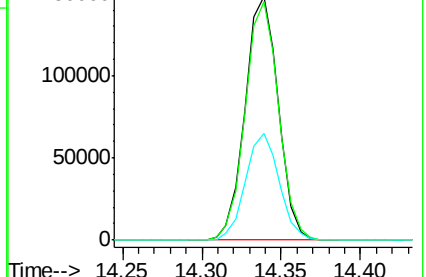
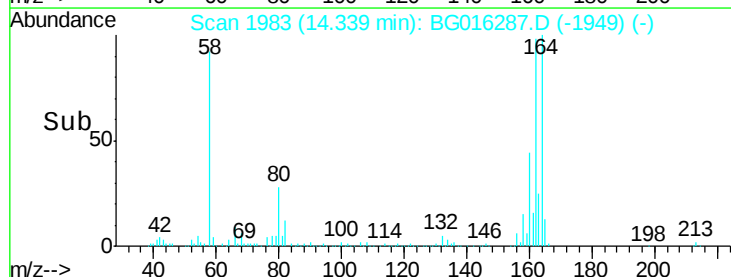
160 44.0 36.7 55.1

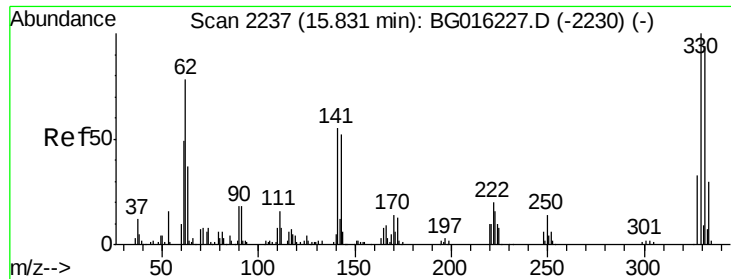


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 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

ClientSampled :

FD-8D

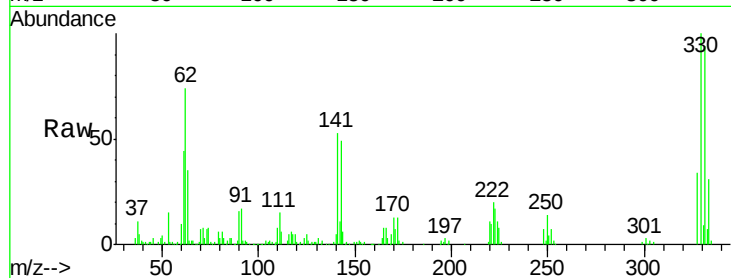
Tot Ion:330 Resp: 123012

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

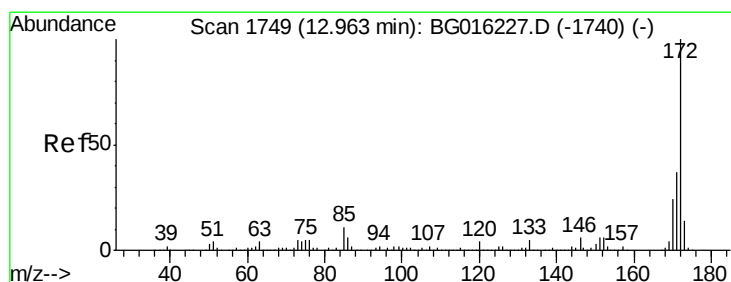
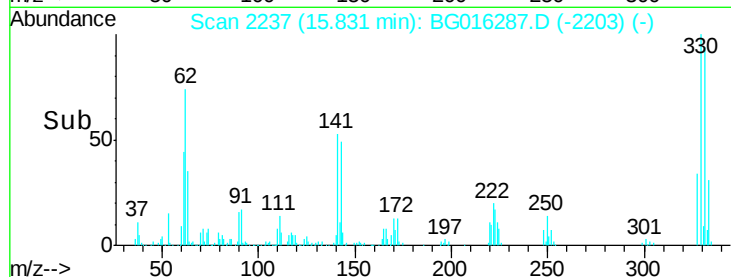
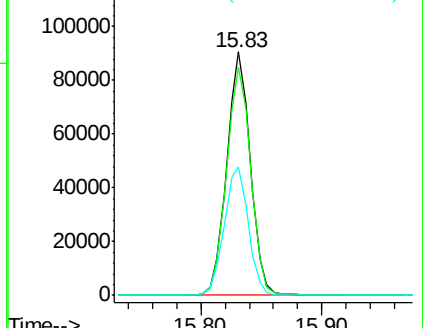
141 54.0 46.6 69.8



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

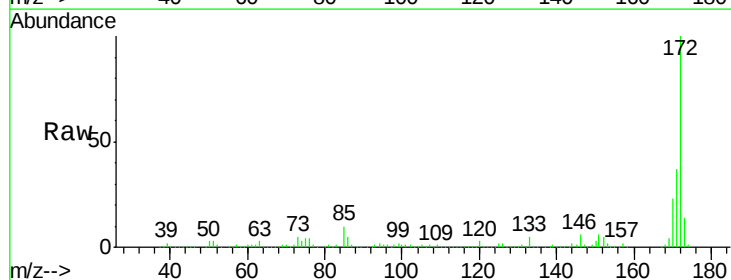
Tgt Ion:172 Resp: 665654

Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

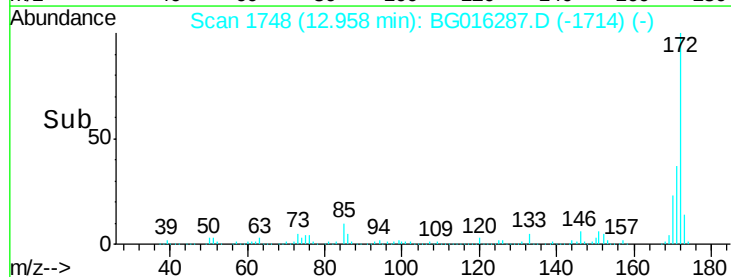
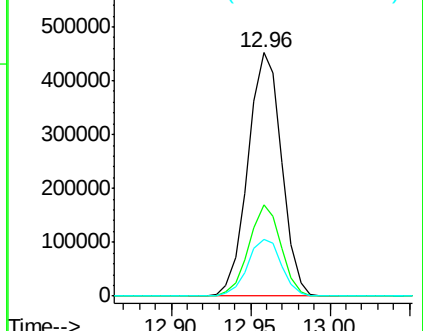
170 23.4 19.4 29.2

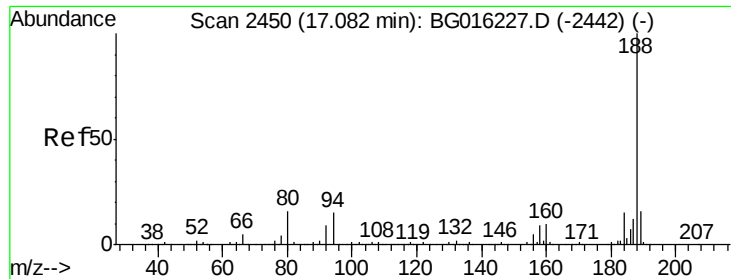


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

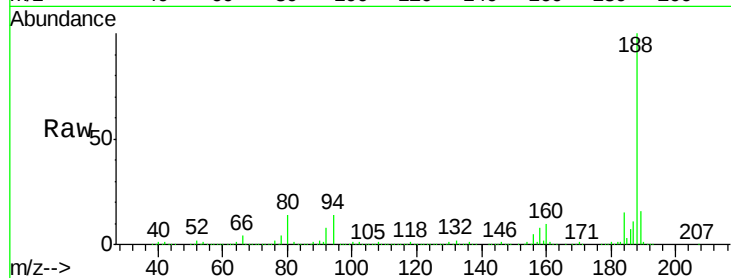




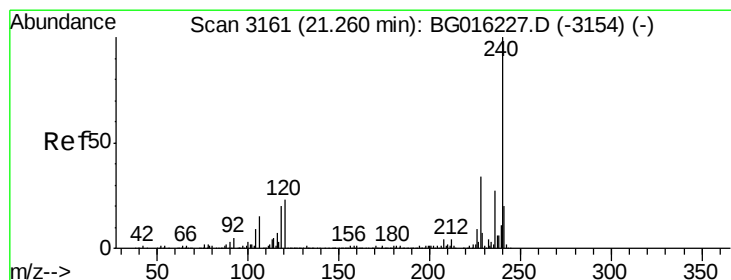
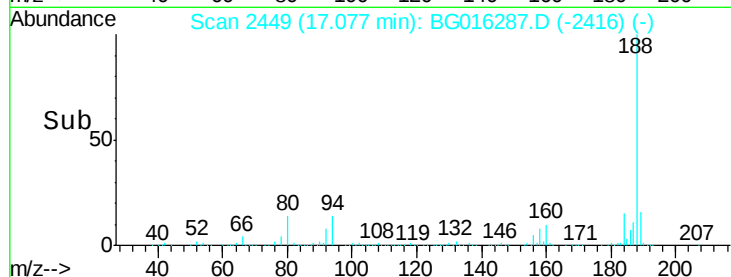
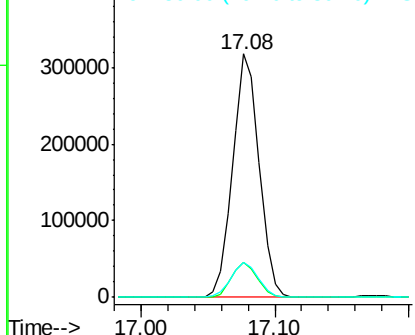
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
FD-8D

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

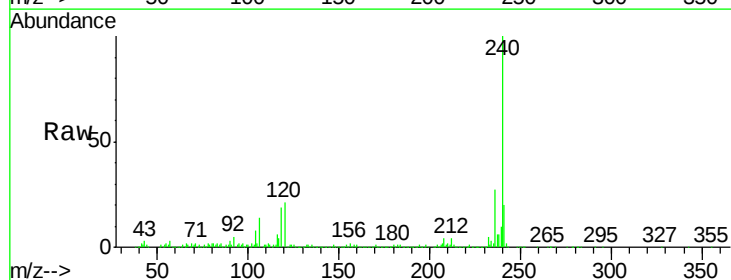


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

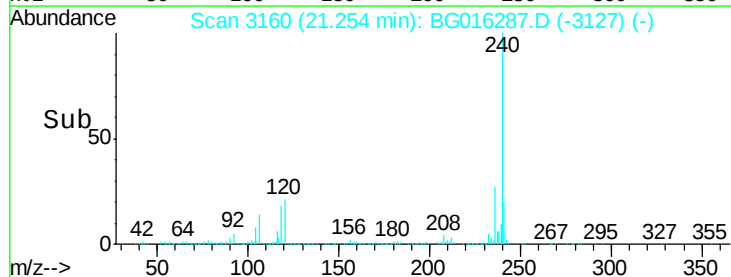
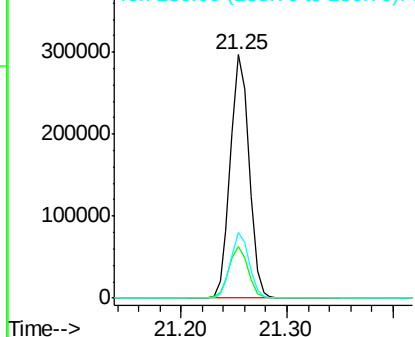


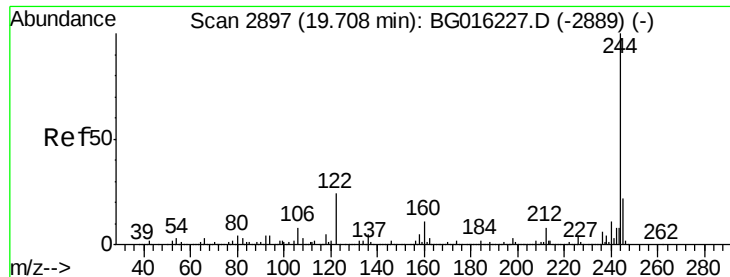
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

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



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: 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

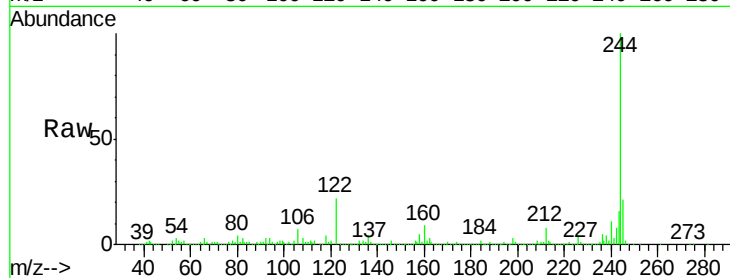
Tot Ion:244 Resp: 745828

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

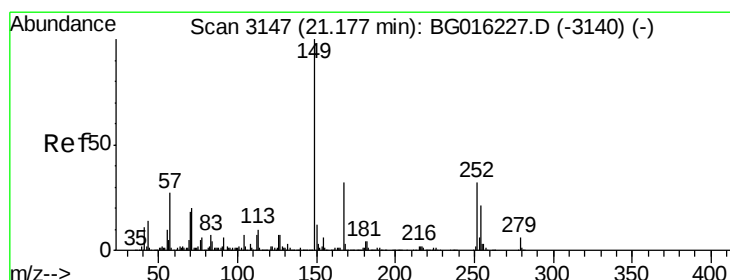
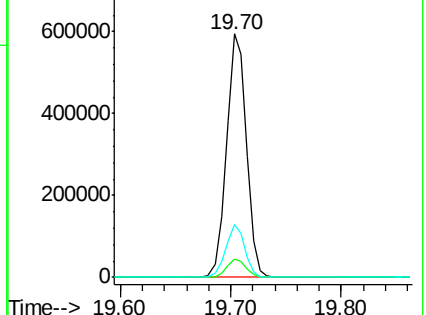
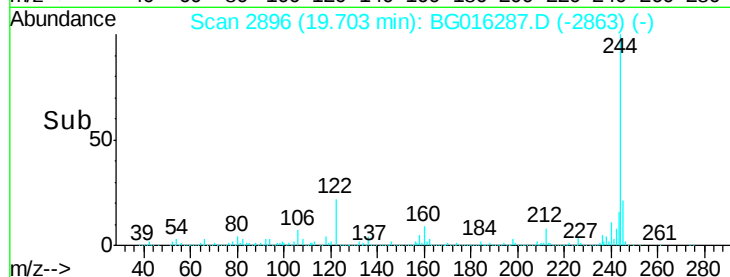
122 21.9 19.1 28.7



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

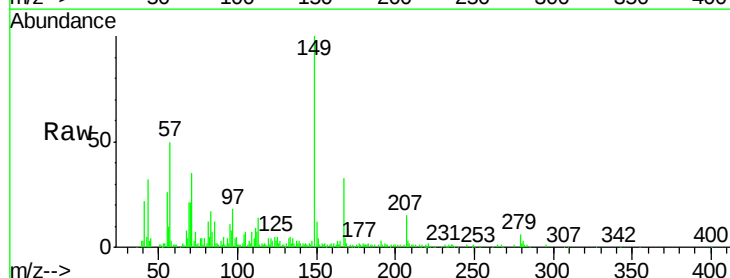
Tgt Ion:149 Resp: 42326

Ion Ratio Lower Upper

149 100

167 32.8 25.8 38.6

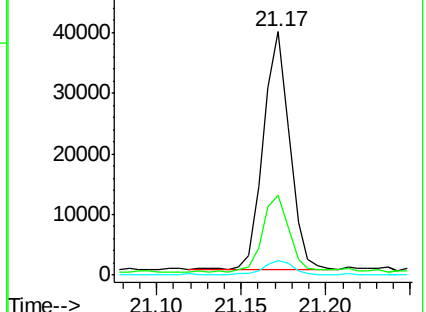
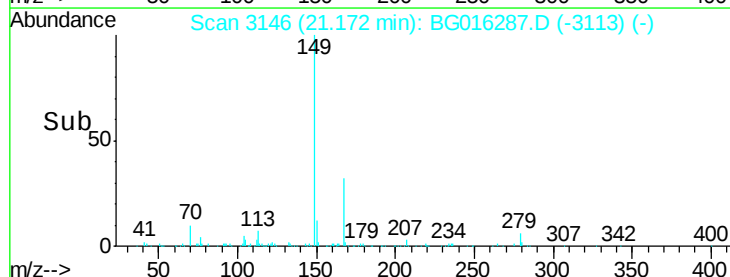
279 5.9 4.7 7.1

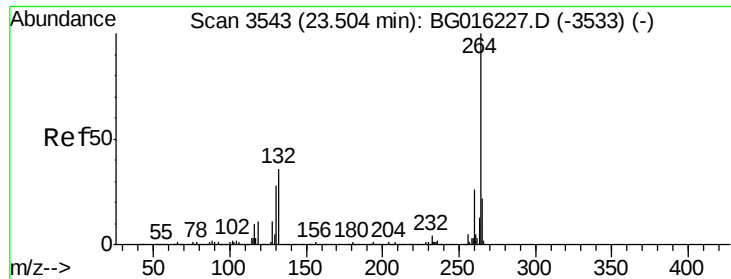


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

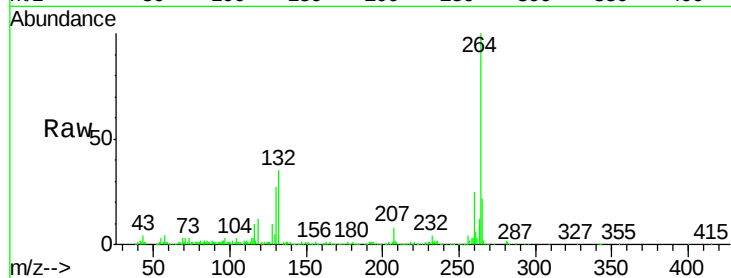




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016287.D
Acq: 8 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
FD-8D

Tot Ion: 264 Resp: 344866
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

