

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016454.D
 Acq On : 16 Apr 2015 11:13
 Operator : TP/IZ
 Sample : G1829-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-002

Quant Time: Apr 16 14:01:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

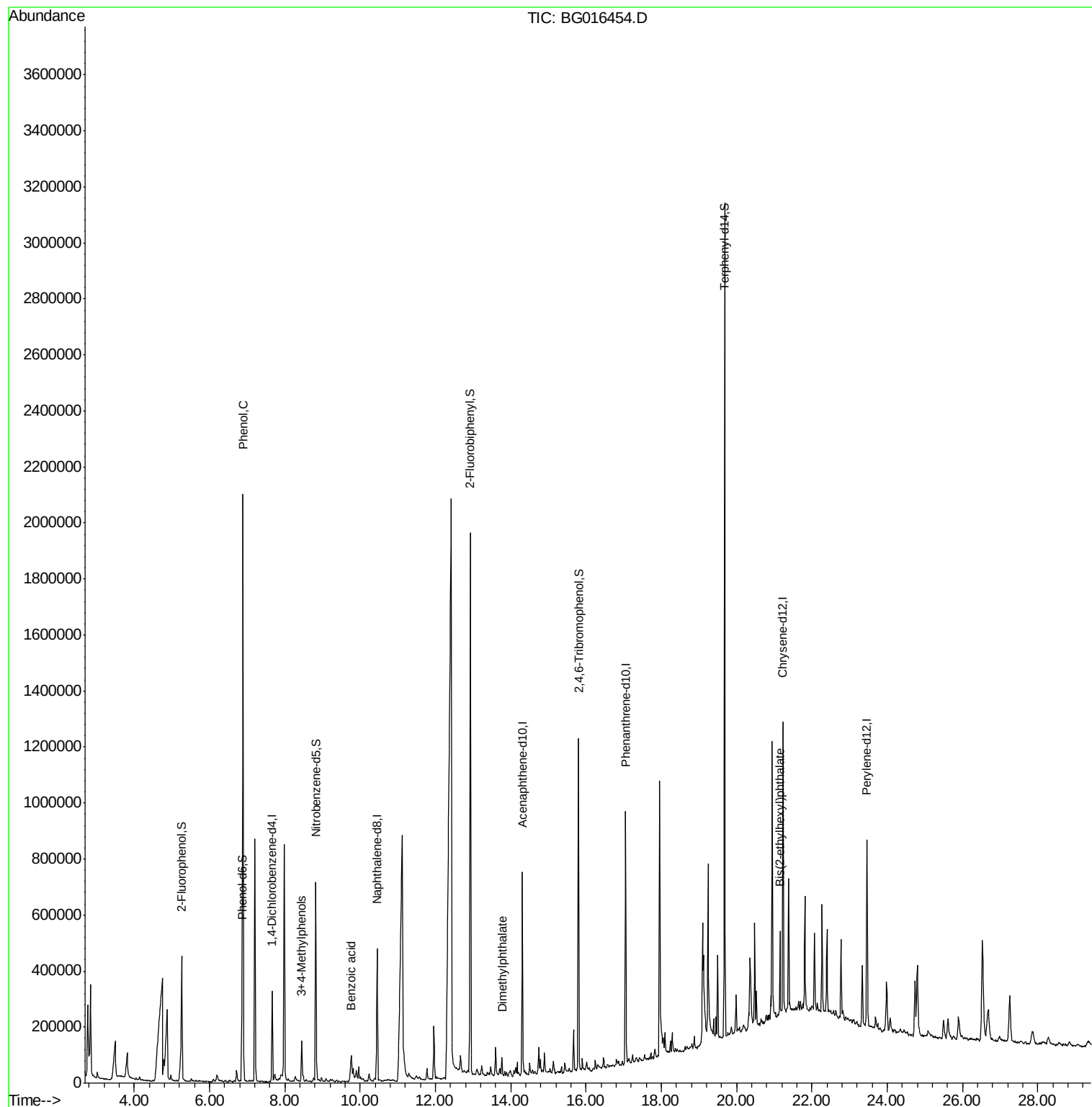
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	88961	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	398030	20.00	ng	-0.02
38) Acenaphthene-d10	14.31	164	228762	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	491617	20.00	ng	-0.02
75) Chrysene-d12	21.23	240	417550	20.00	ng	0.00
86) Perylene-d12	23.46	264	396824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	217863	38.65	ng	0.00
7) Phenol-d6	6.86	99	198214	23.42	ng	0.00
23) Nitrobenzene-d5	8.82	82	421618	61.36	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	166947	107.91	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	913984	68.02	ng	0.00
78) Terphenyl-d14	19.68	244	1126142	63.12	ng	0.00
Target Compounds						
10) Phenol	6.89	94	1320499	145.85	ng	96
20) 3+4-Methylphenols	8.44	107	68022	8.09	ng	94
32) Benzoic acid	9.76	122	59508	20.43	ng	96
49) Dimethylphthalate	13.77	163	40722	2.43	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	103461	5.35	ng	97

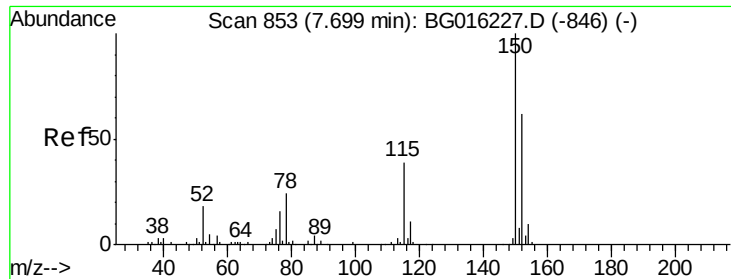
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration



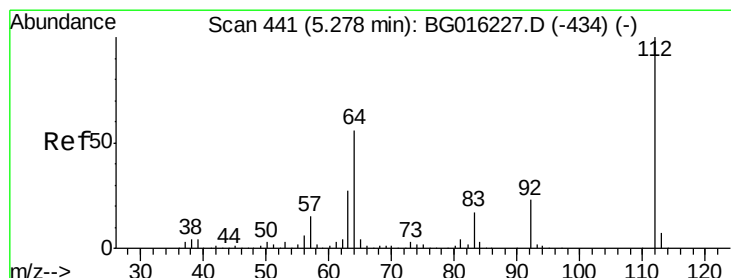
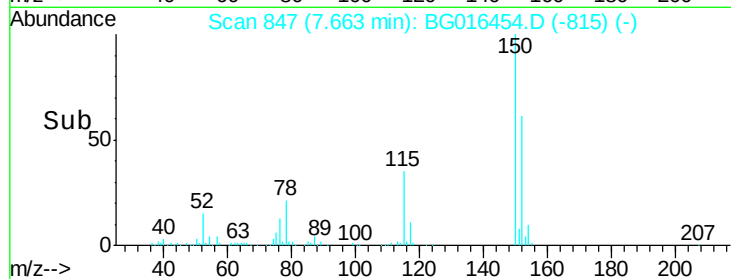
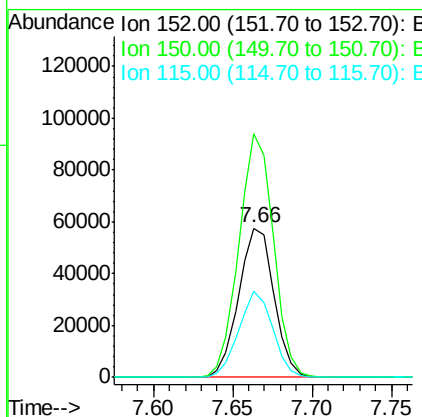
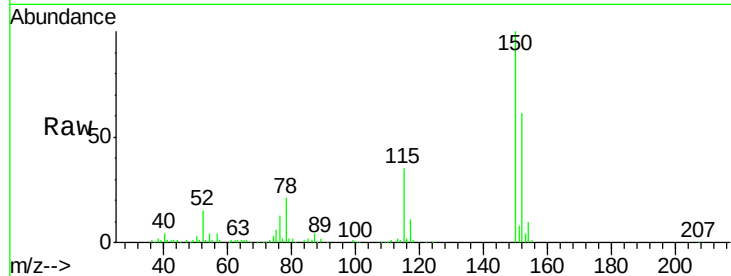


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Instrument :
 BNA_G
 ClientSampleId :
 PO-002

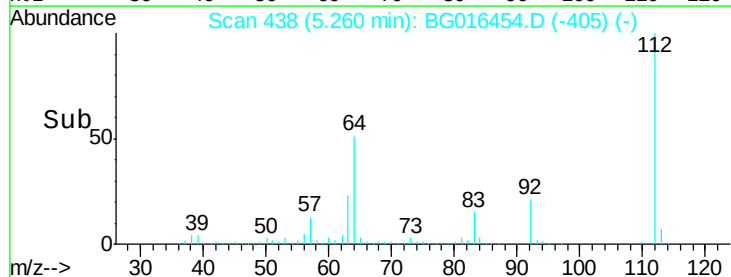
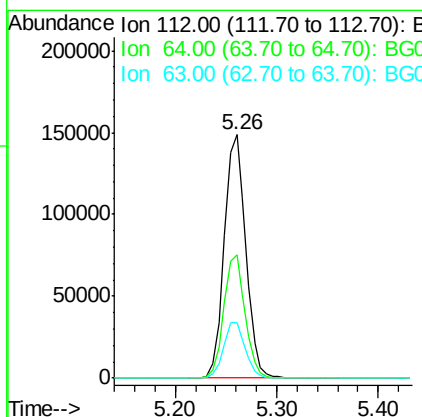
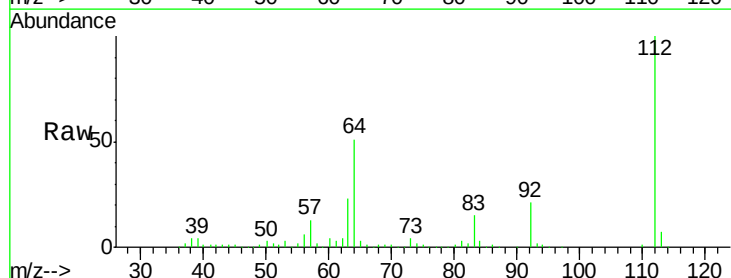
Tgt Ion:152 Resp: 88961
 Ion Ratio Lower Upper
 152 100
 150 162.9 130.1 195.1
 115 57.6 50.5 75.7

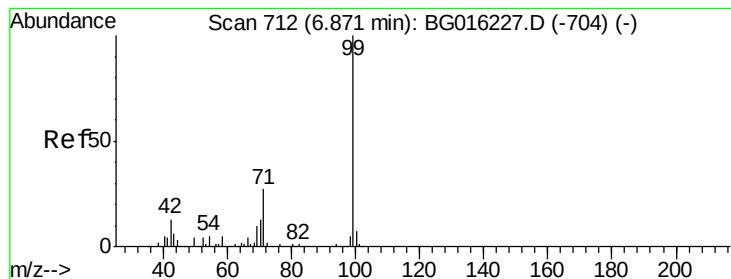


#5

2-Fluorophenol
 Concen: 38.65 ng
 RT: 5.26 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Tgt Ion:112 Resp: 217863
 Ion Ratio Lower Upper
 112 100
 64 50.8 44.5 66.7
 63 22.8 21.4 32.0





#7

Phenol-d6

Concen: 23.42 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

PO-002

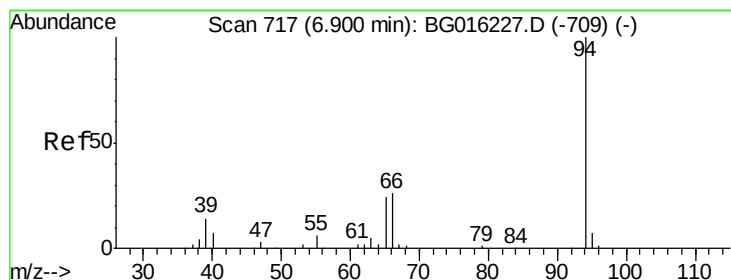
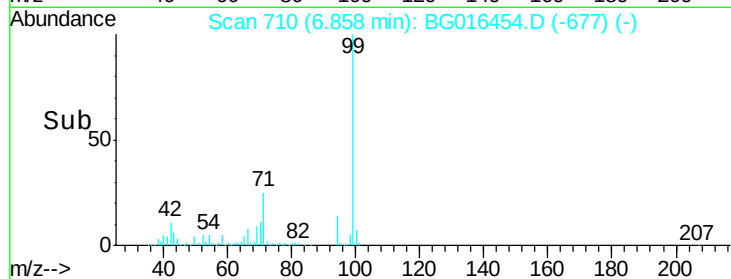
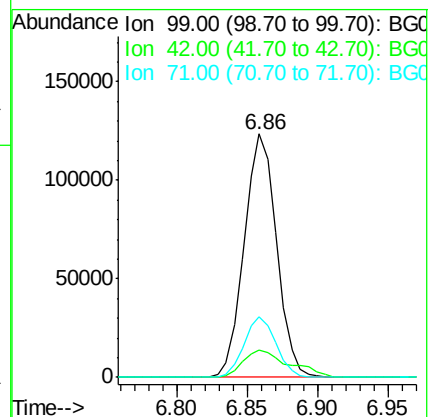
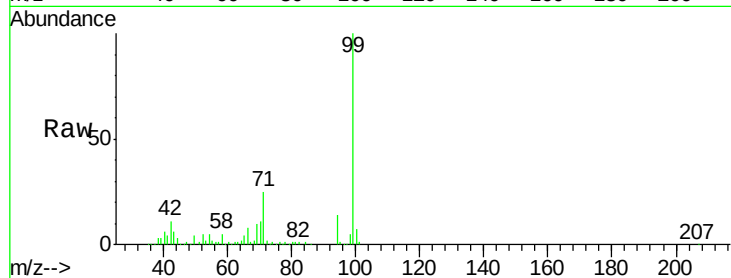
Tgt Ion: 99 Resp: 198214

Ion Ratio Lower Upper

99 100

42 11.2 10.0 15.0

71 24.7 21.5 32.3



#10

Phenol

Concen: 145.85 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

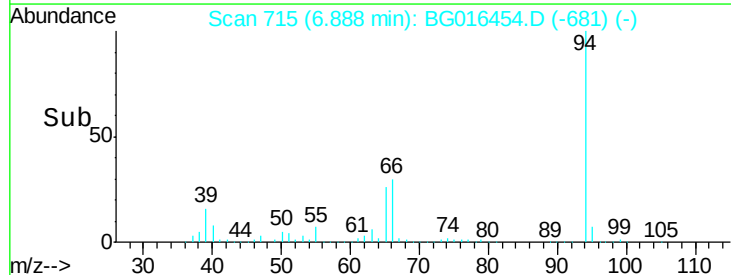
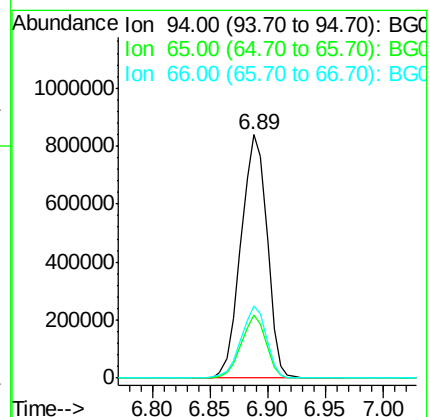
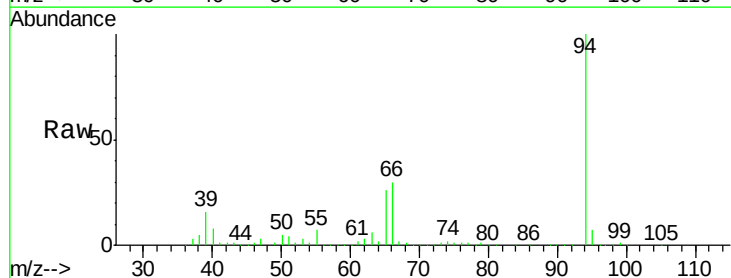
Tgt Ion: 94 Resp: 1320499

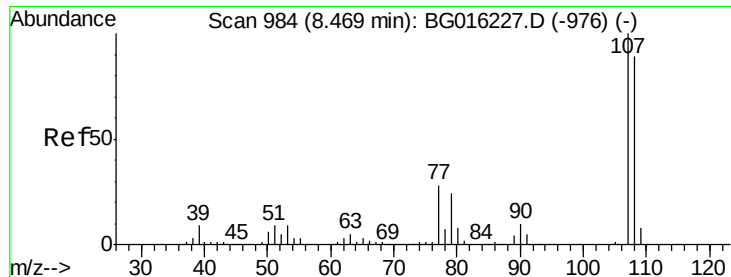
Ion Ratio Lower Upper

94 100

65 25.7 3.8 43.8

66 29.7 7.4 47.4





#20

3+4-Methylphenols

Concen: 8.09 ng

RT: 8.44 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

PO-002

Tgt Ion:107 Resp: 68022

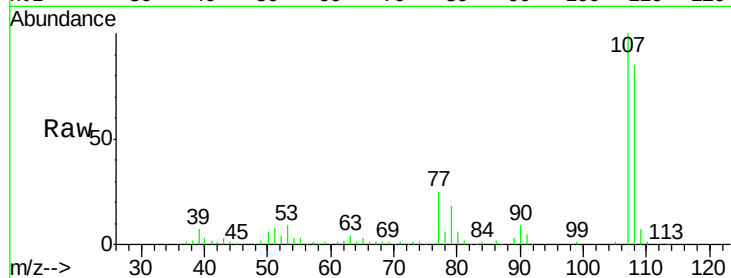
Ion Ratio Lower Upper

107 100

108 85.1 69.5 109.5

77 25.1 8.2 48.2

79 17.6 3.8 43.8

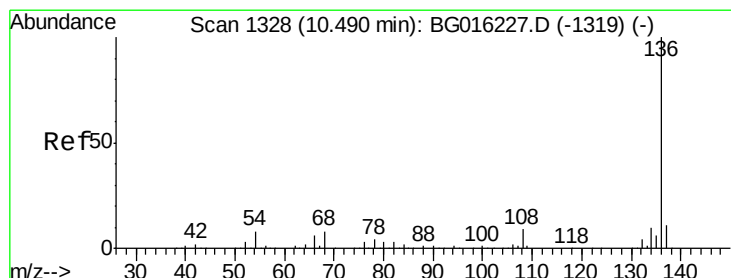
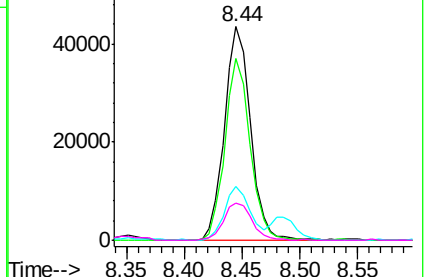
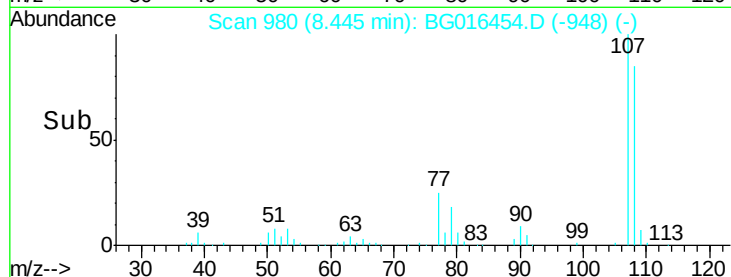


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.45 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Tgt Ion:136 Resp: 398030

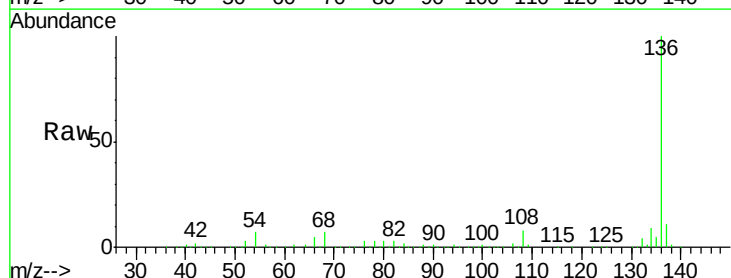
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.3 6.3 9.5

68 6.6 6.5 9.7

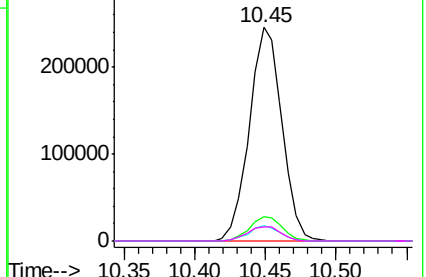
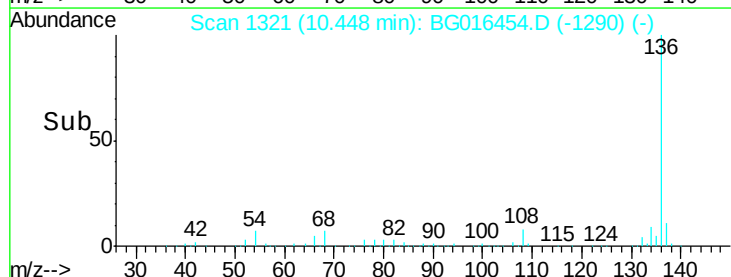


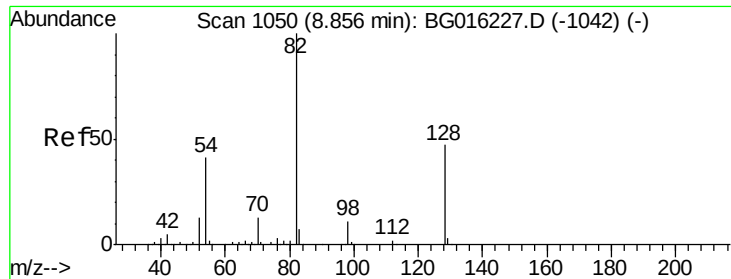
Abundance Ion 136.00 (135.70 to 136.70): E

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

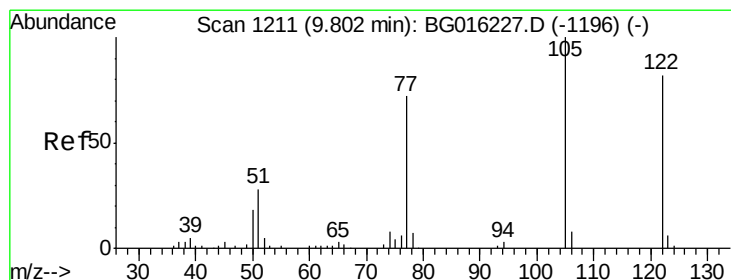
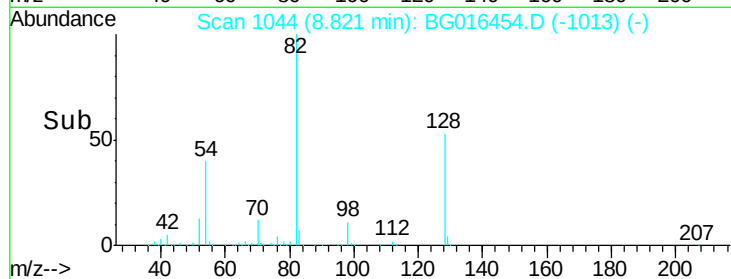
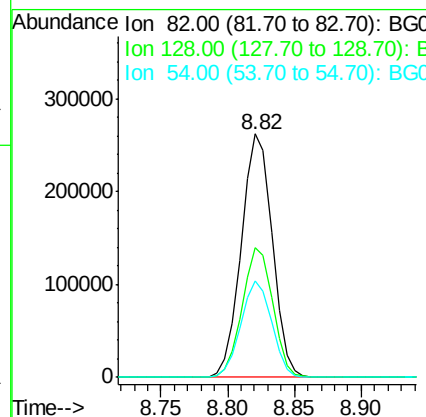
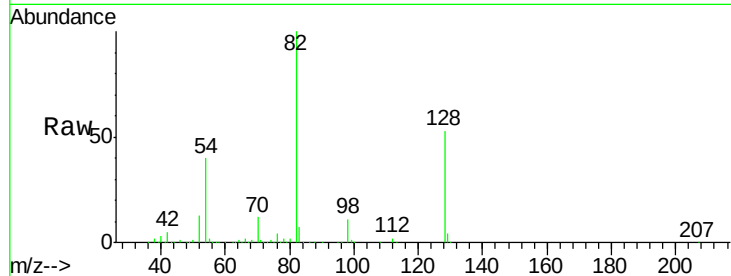




#23
Nitrobenzene-d5
Concen: 61.36 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

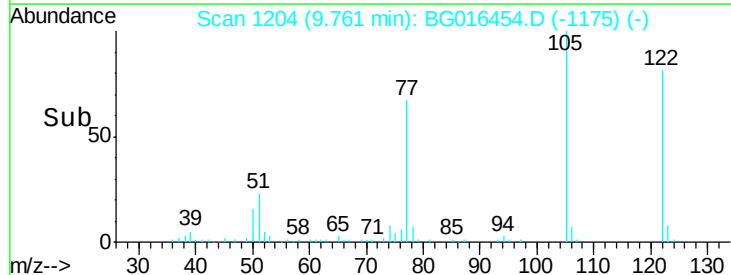
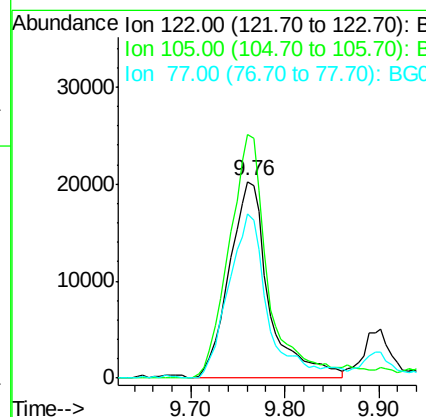
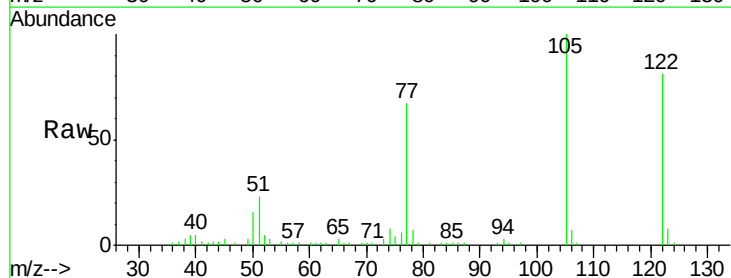
Instrument :
BNA_G
ClientSampleId :
PO-002

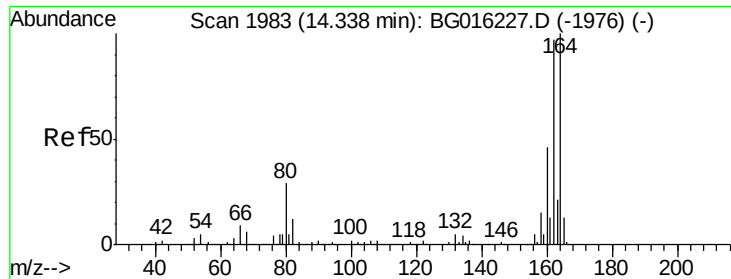
Tgt Ion: 82 Resp: 421618
Ion Ratio Lower Upper
82 100
128 53.1 37.8 56.8
54 39.8 32.6 49.0



#32
Benzoic acid
Concen: 20.43 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion: 122 Resp: 59508
Ion Ratio Lower Upper
122 100
105 124.1 99.7 139.7
77 83.6 66.8 106.8

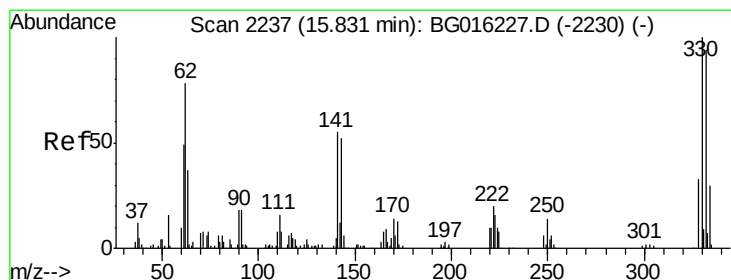
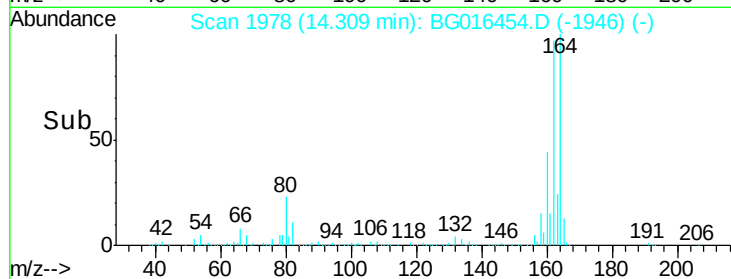
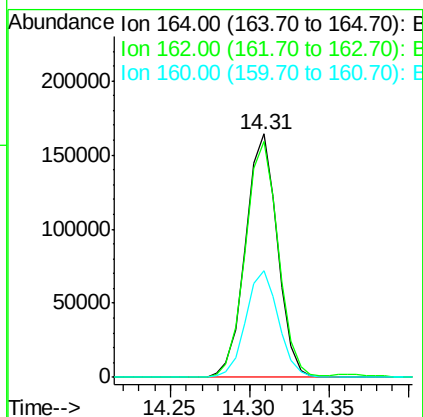
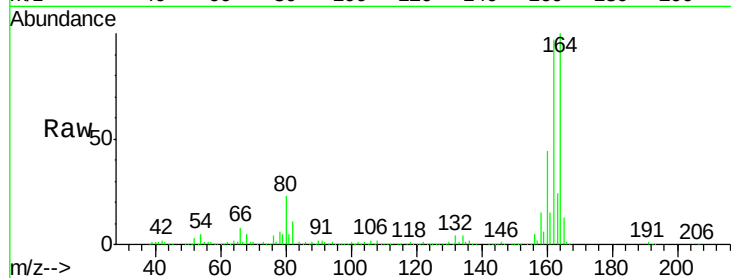




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

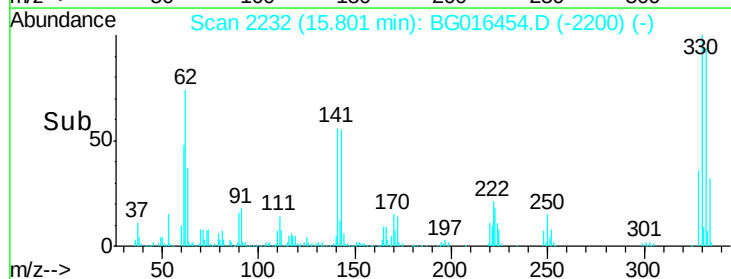
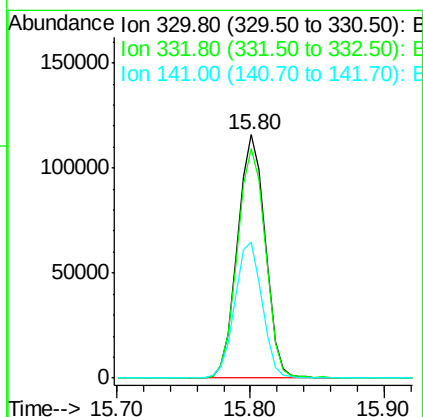
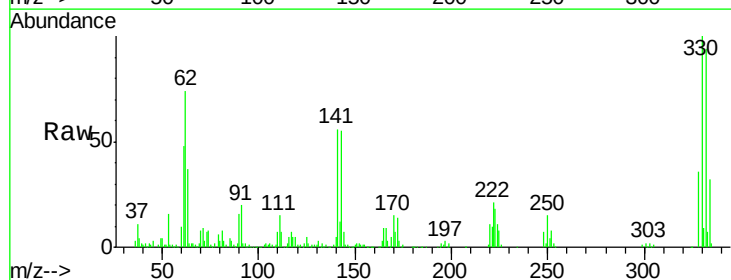
Instrument :
BNA_G
ClientSampleId :
PO-002

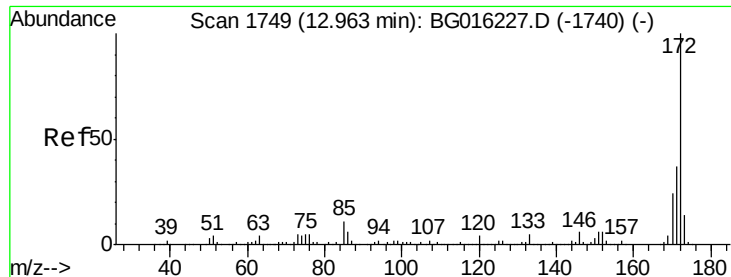
Tgt Ion:164 Resp: 228762
Ion Ratio Lower Upper
164 100
162 96.8 77.3 115.9
160 44.0 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 107.91 ng
RT: 15.80 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion:330 Resp: 166947
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 55.7 46.6 69.8

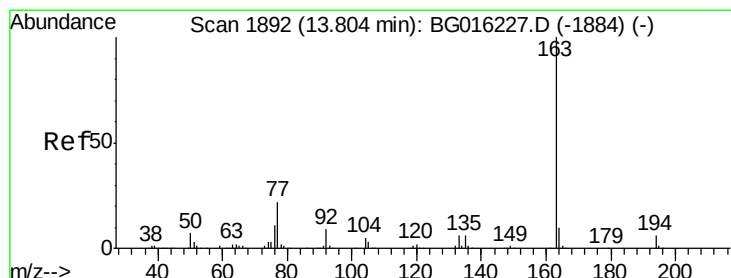
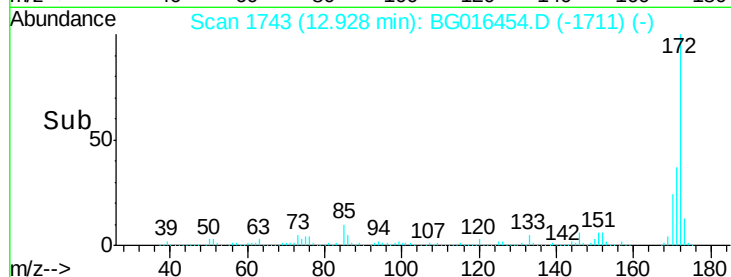
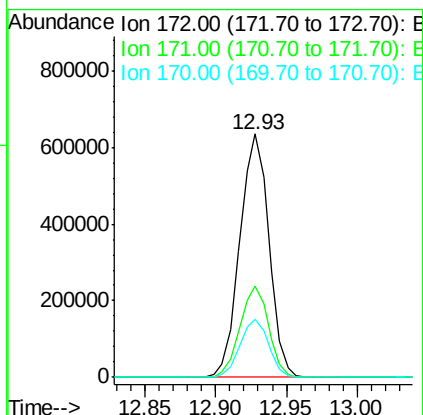
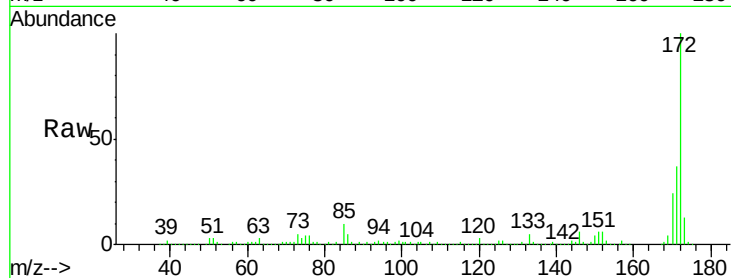




#44
2-Fluorobiphenyl
Concen: 68.02 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

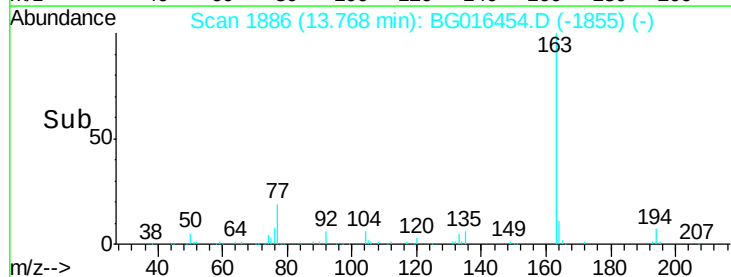
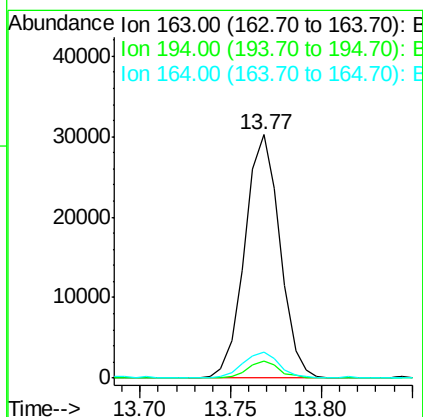
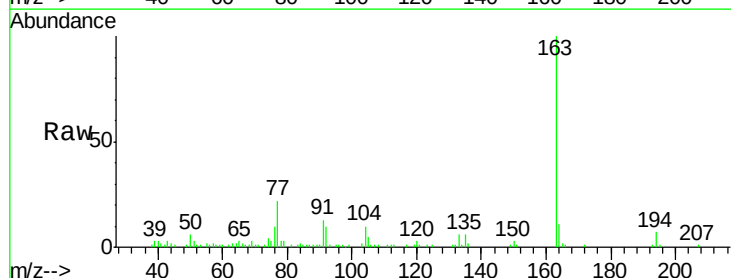
Instrument :
BNA_G
ClientSampleId :
PO-002

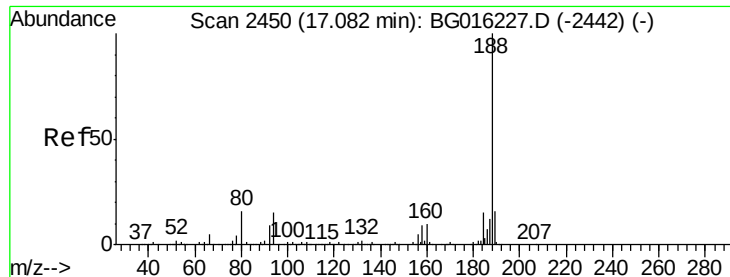
Tgt Ion:172 Resp: 913984
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.0 19.4 29.2



#49
Dimethylphthalate
Concen: 2.43 ng
RT: 13.77 min Scan# 1886
Delta R.T. -0.02 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion:163 Resp: 40722
Ion Ratio Lower Upper
163 100
194 6.9 5.0 7.4
164 10.6 8.2 12.4

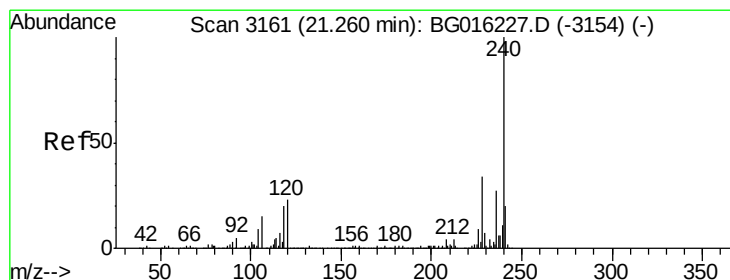
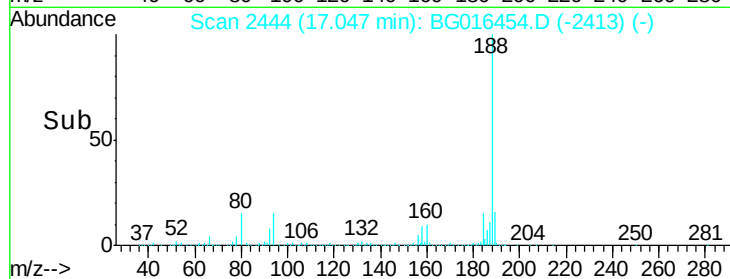
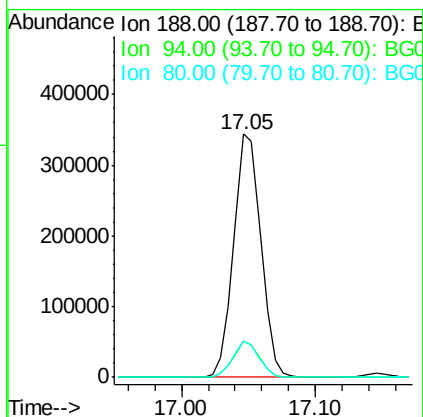
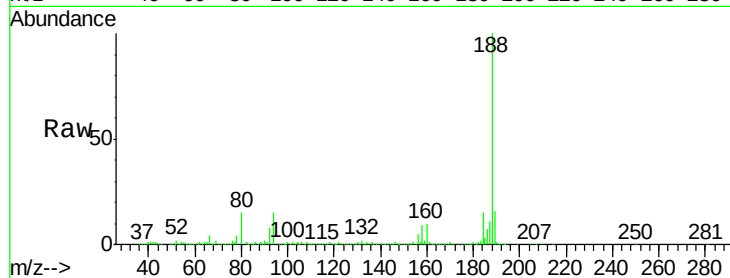




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

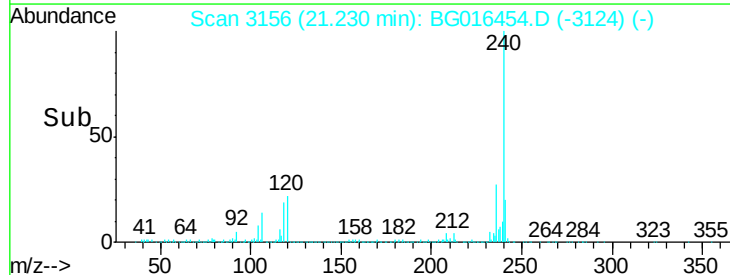
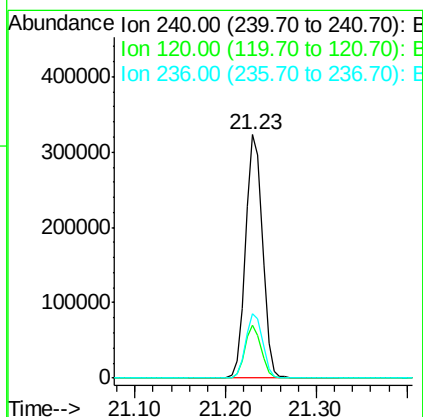
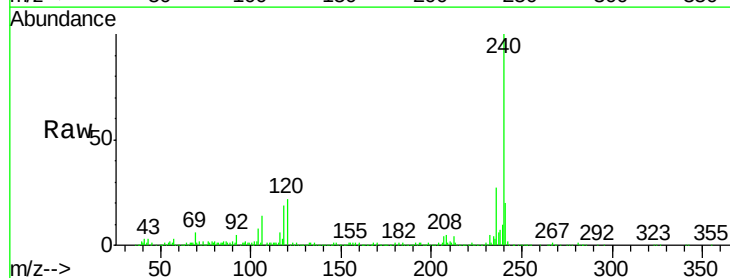
Instrument :
BNA_G
ClientSampleId :
PO-002

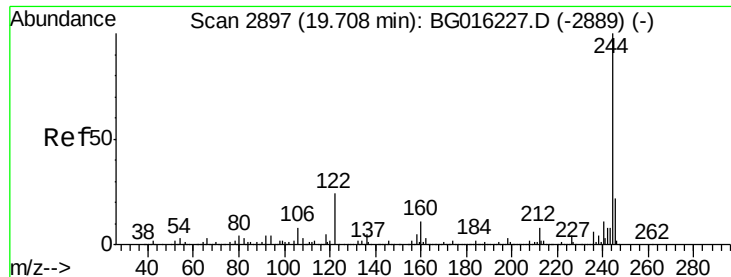
Tgt Ion:188 Resp: 491617
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.6 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion:240 Resp: 417550
Ion Ratio Lower Upper
240 100
120 21.9 18.6 28.0
236 26.6 21.7 32.5





#78

Terphenyl-d14

Concen: 63.12 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampled :

PO-002

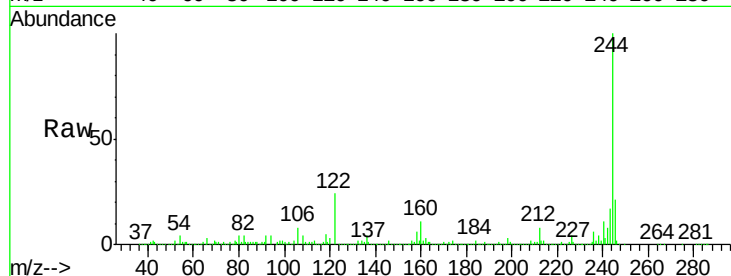
Tgt Ion:244 Resp: 1126142

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

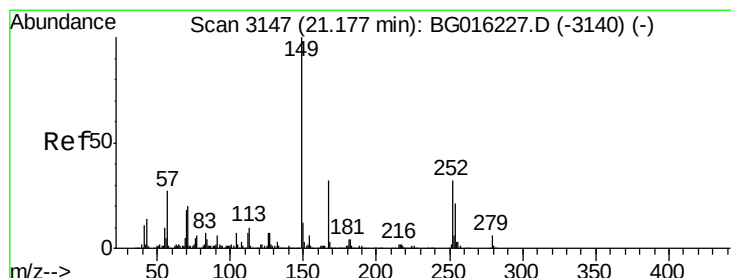
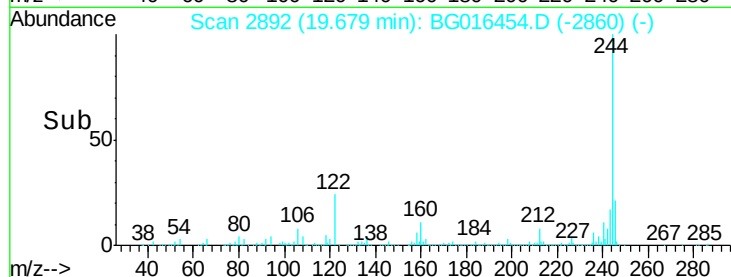
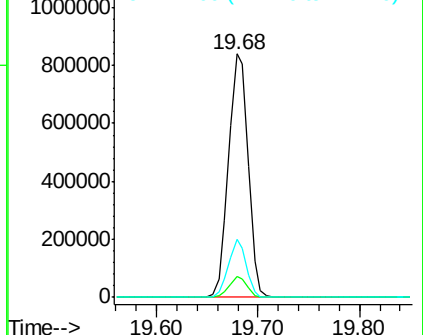
122 24.1 19.1 28.7



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: 5.35 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

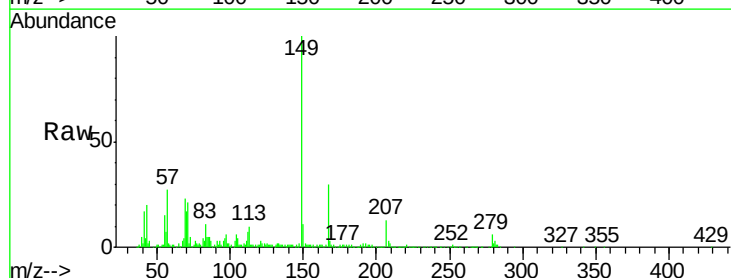
Tgt Ion:149 Resp: 103461

Ion Ratio Lower Upper

149 100

167 30.3 25.8 38.6

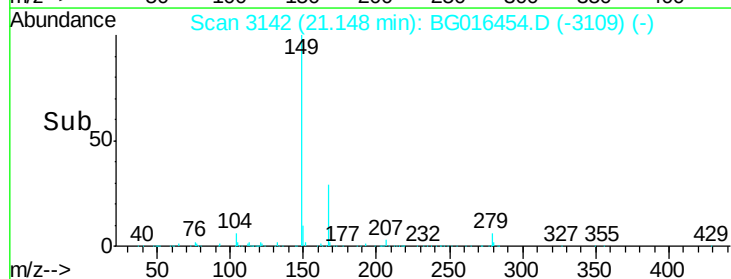
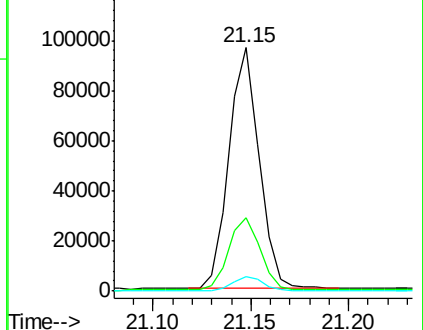
279 5.9 4.7 7.1

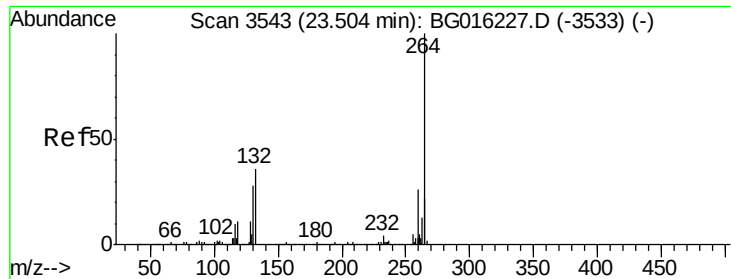


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Instrument :
BNA_G
ClientSampleId :
PO-002

Tgt Ion:	264	Resp:	396824
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	22.0	17.2	25.8

