

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016161.D
 Acq On : 27 Mar 2015 4:29
 Operator : TP/IZ
 Sample : G1653-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD5

Quant Time: Mar 27 15:43:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

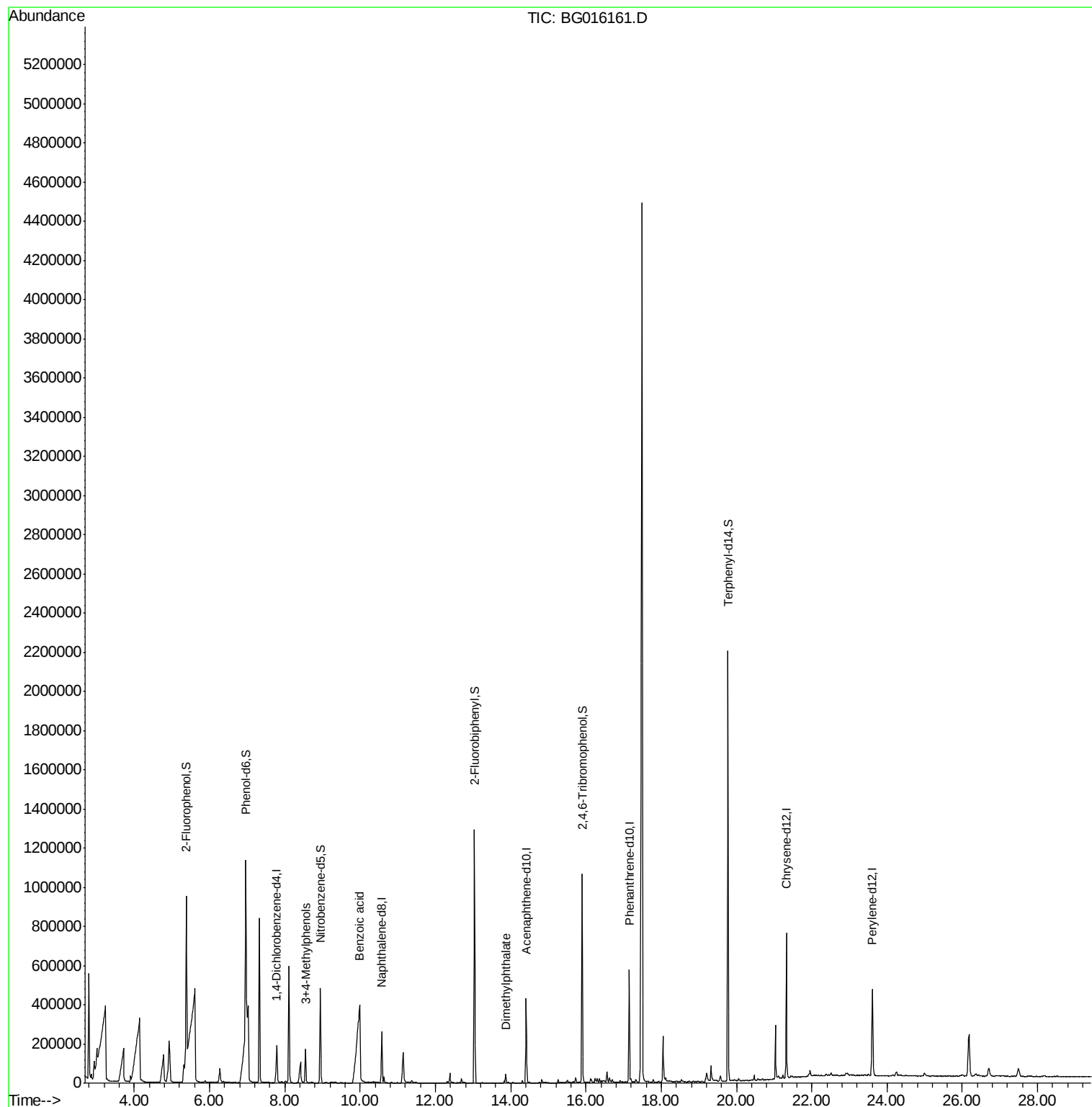
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51376	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	226209	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	143878	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	310579	20.00	ng	0.00
75) Chrysene-d12	21.32	240	323423	20.00	ng	0.00
86) Perylene-d12	23.61	264	313773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	394402	128.48	ng	0.01
7) Phenol-d6	6.97	99	563573	131.90	ng	0.00
23) Nitrobenzene-d5	8.95	82	282471	77.43	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	209988	127.10	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	650410	75.67	ng	0.00
78) Terphenyl-d14	19.78	244	935603	72.85	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.55	107	82973	18.47	ng	95
32) Benzoic acid	9.99	122	516603	199.85	ng	98
49) Dimethylphthalate	13.87	163	31075	3.08	ng	98

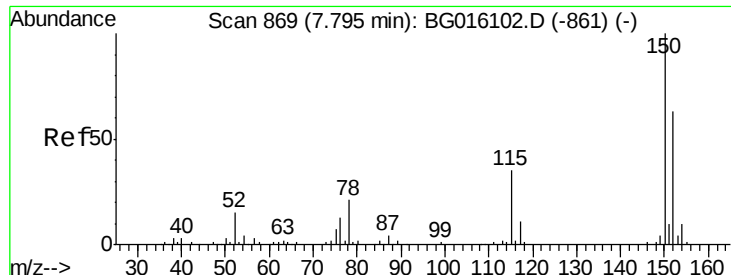
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Instrument :

BNA_G

ClientSampleId :

FD5

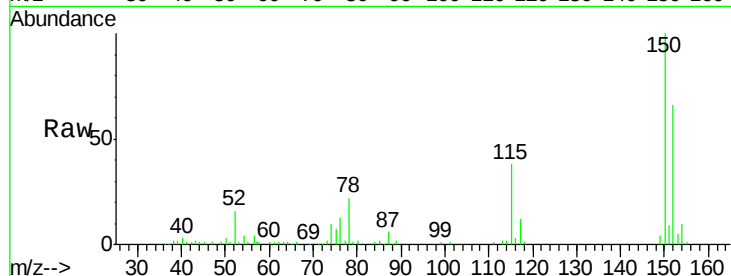
Tgt Ion:152 Resp: 51376

Ion Ratio Lower Upper

152 100

150 150.8 126.1 189.1

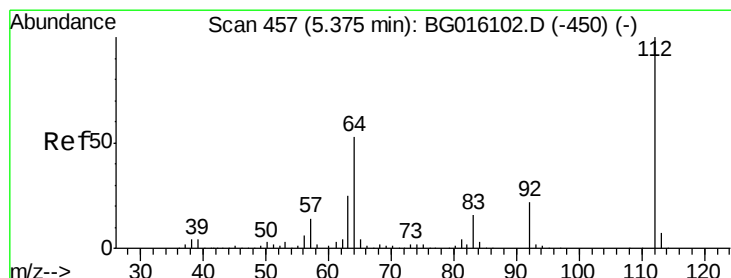
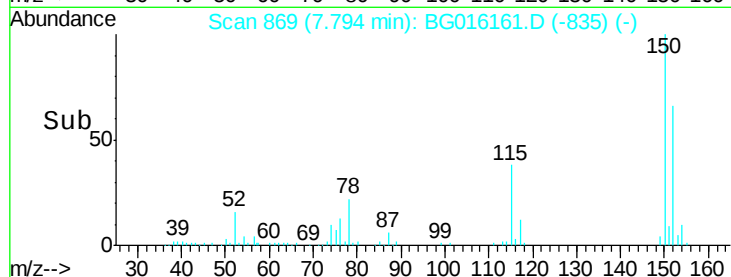
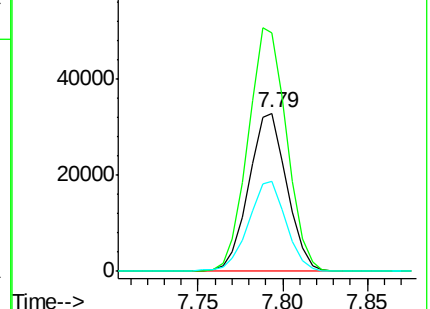
115 57.0 43.7 65.5



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: 128.48 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

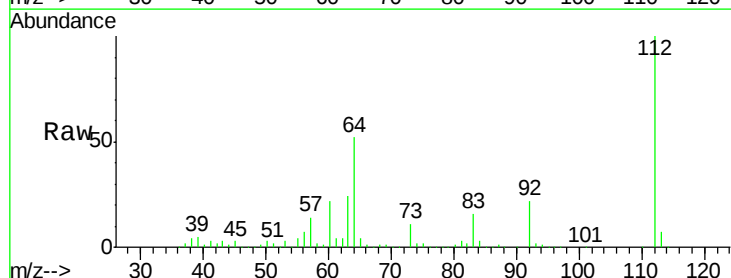
Tgt Ion:112 Resp: 394402

Ion Ratio Lower Upper

112 100

64 52.3 42.6 64.0

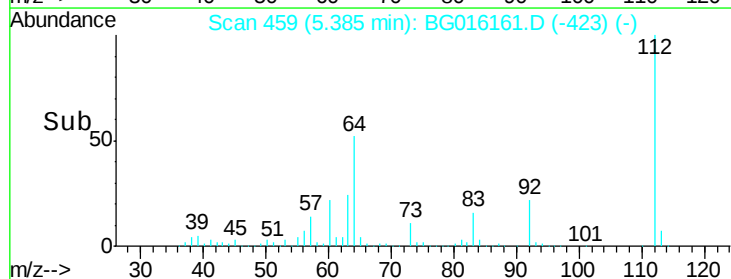
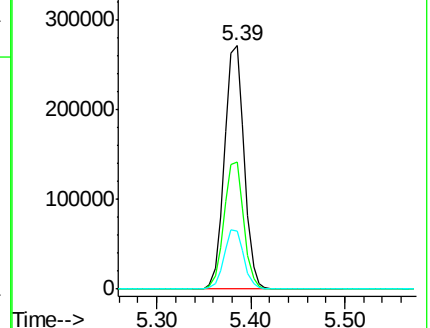
63 23.8 19.9 29.9

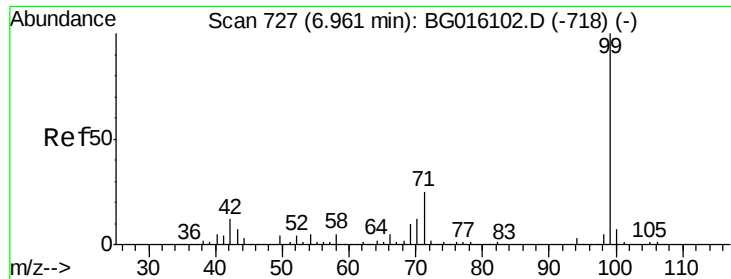


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.90 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Instrument :

BNA_G

ClientSampleId :

FD5

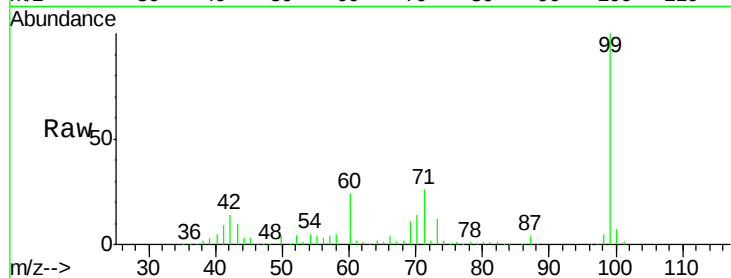
Tgt Ion: 99 Resp: 563573

Ion Ratio Lower Upper

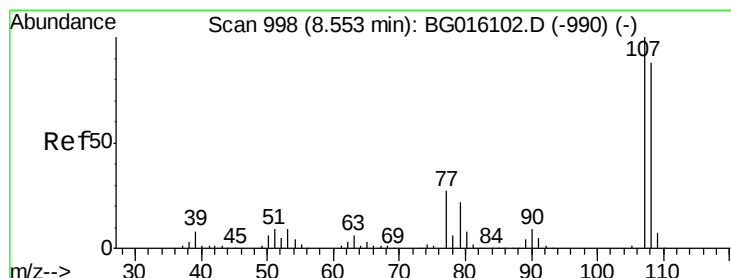
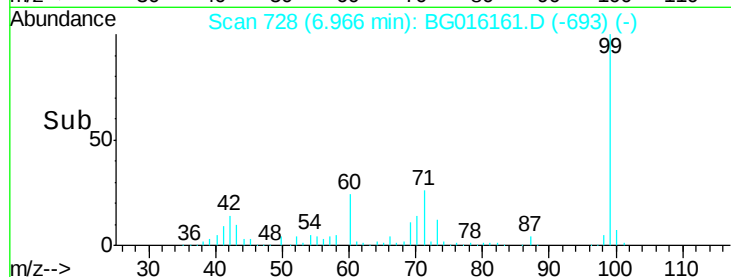
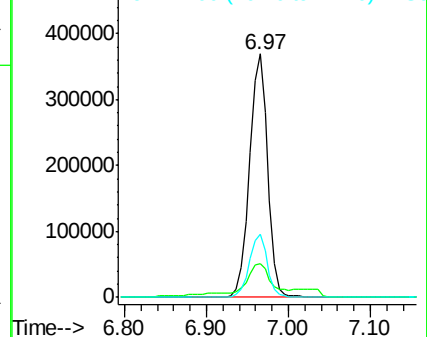
99 100

42 14.0 9.4 14.0

71 26.1 19.9 29.9



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



#20

3+4-Methylphenols

Concen: 18.47 ng

RT: 8.55 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Tgt Ion: 107 Resp: 82973

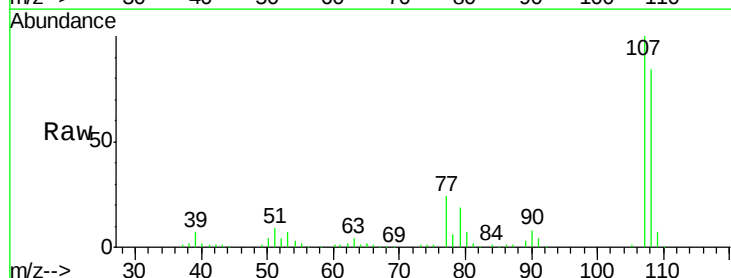
Ion Ratio Lower Upper

107 100

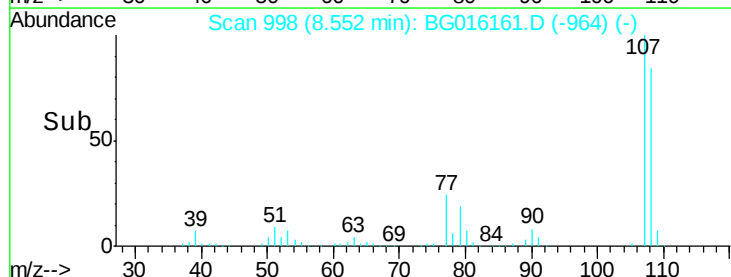
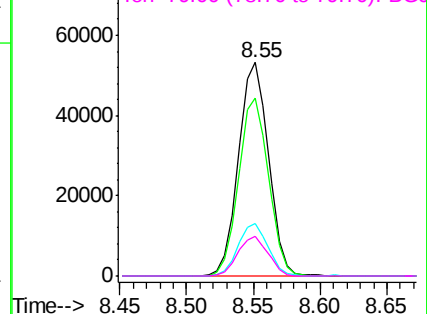
108 83.5 68.4 108.4

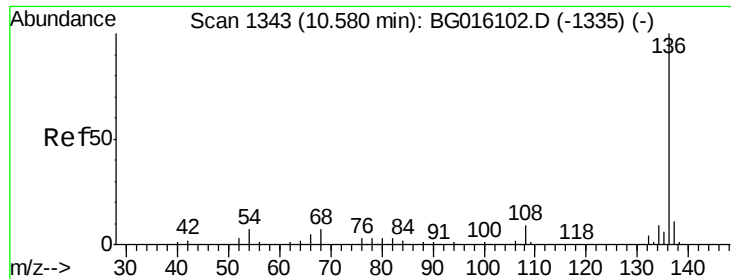
77 24.5 6.9 46.9

79 18.6 2.3 42.3



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

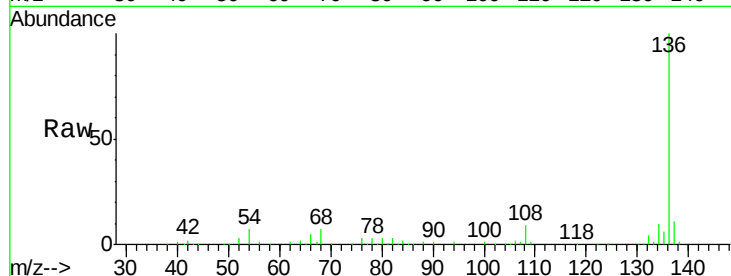




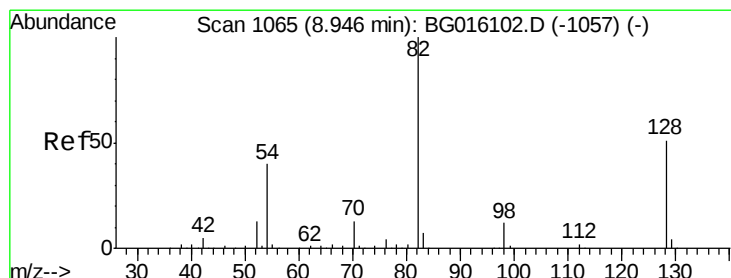
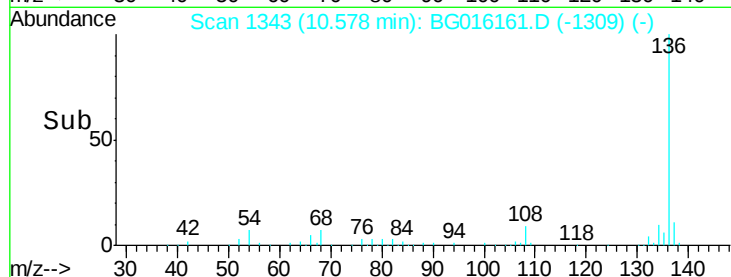
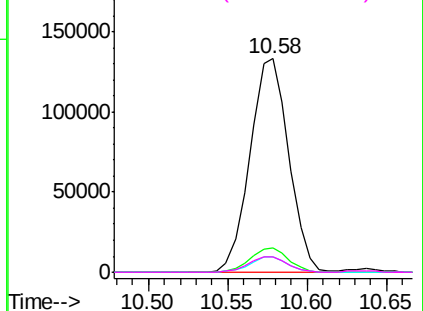
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG016161.D
Acq: 27 Mar 2015 4:29

Instrument :
BNA_G
ClientSampleId :
FD5

Tgt Ion:	136	Resp:	226209
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.4	5.5	8.3
68	7.4	6.0	9.0

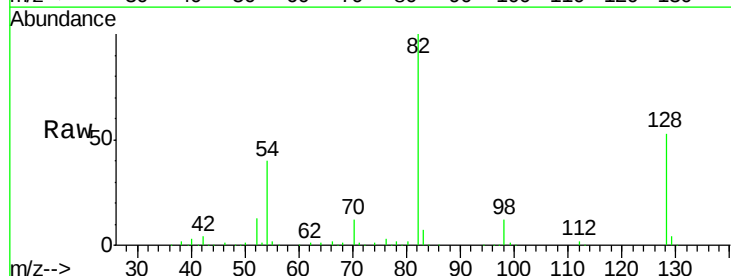


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

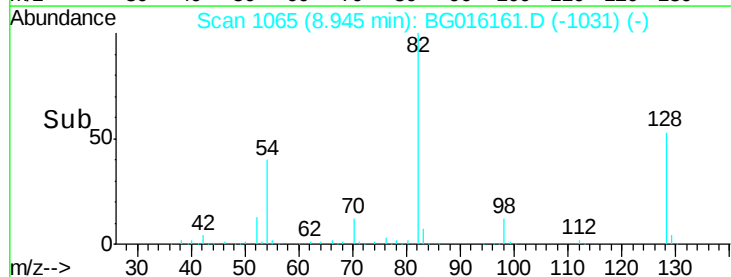
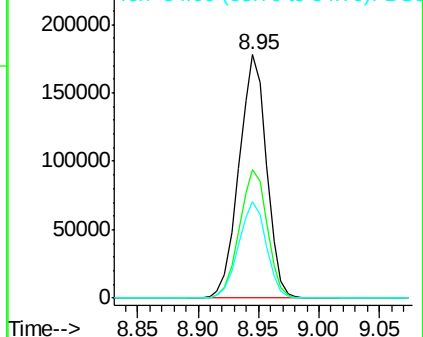


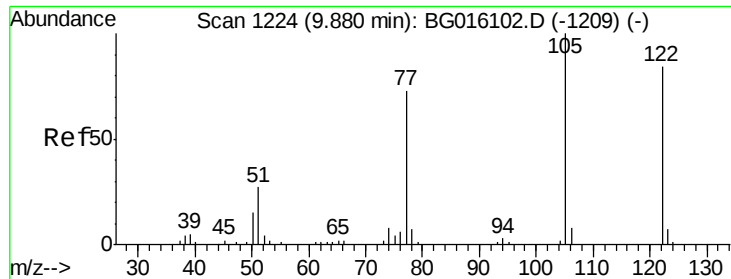
#23
Nitrobenzene-d5
Concen: 77.43 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016161.D
Acq: 27 Mar 2015 4:29

Tgt Ion:	82	Resp:	282471
Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.4	60.6
54	39.8	32.1	48.1



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

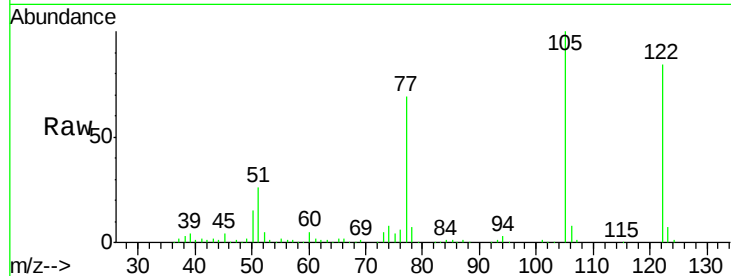




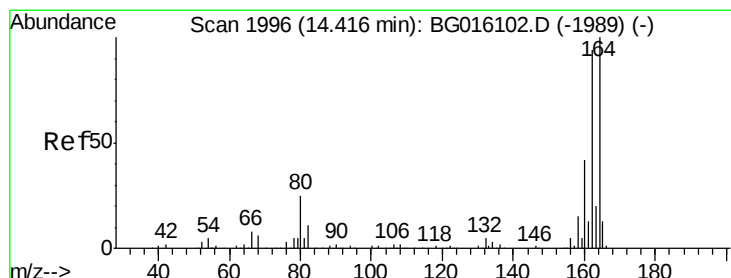
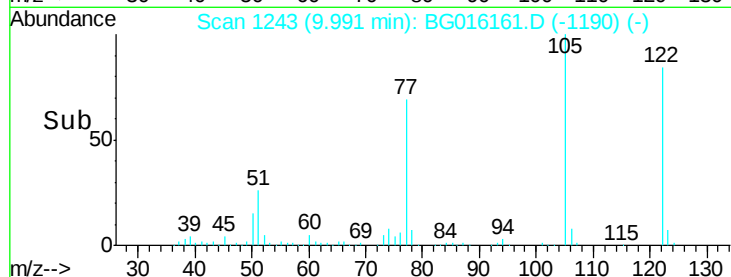
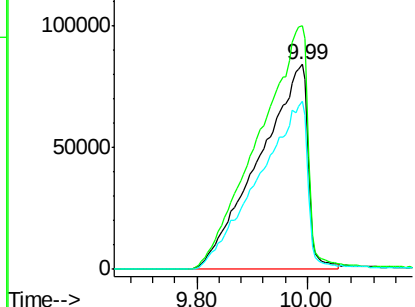
#32
Benzoic acid
Concen: 199.85 ng
RT: 9.99 min Scan# 1243
Delta R.T. 0.11 min
Lab File: BG016161.D
Acq: 27 Mar 2015 4:29

Instrument :
BNA_G
ClientSampleId :
FD5

Tgt Ion:122 Resp: 516603
Ion Ratio Lower Upper
122 100
105 118.7 97.2 137.2
77 81.9 65.0 105.0

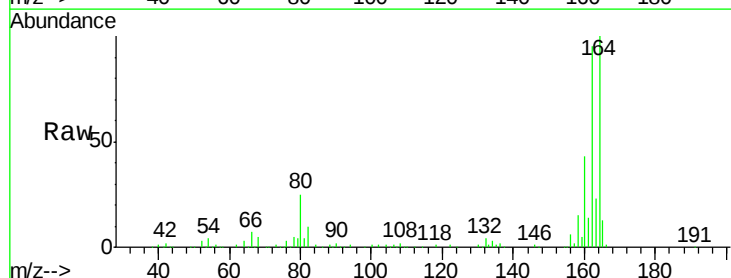


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

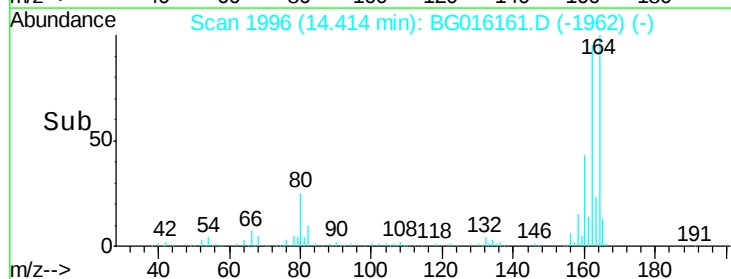
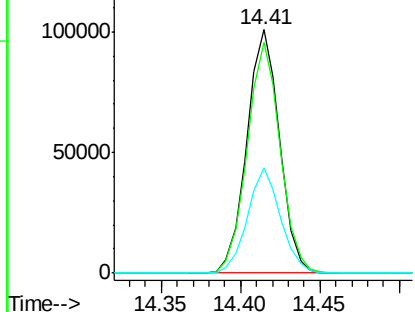


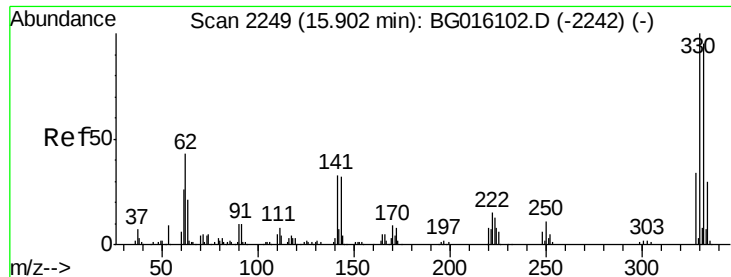
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016161.D
Acq: 27 Mar 2015 4:29

Tgt Ion:164 Resp: 143878
Ion Ratio Lower Upper
164 100
162 95.0 75.2 112.8
160 43.2 33.9 50.9



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

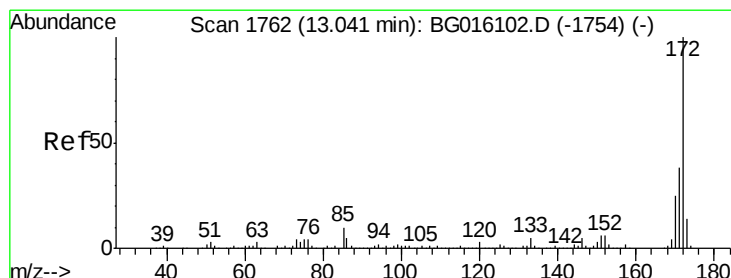
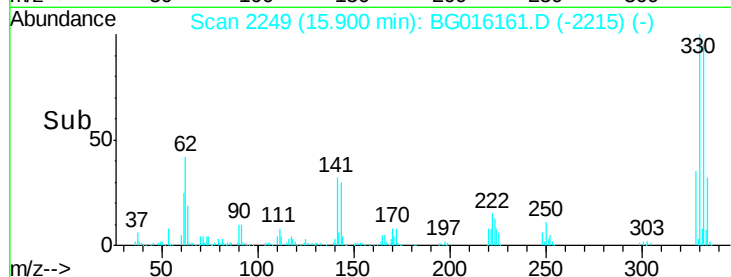
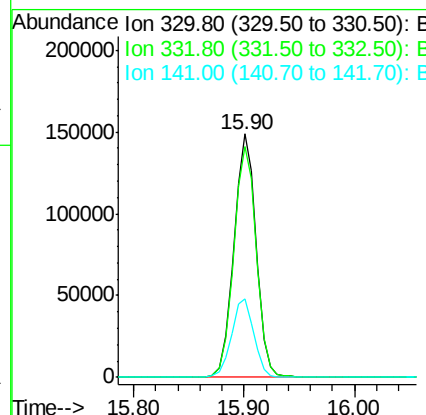
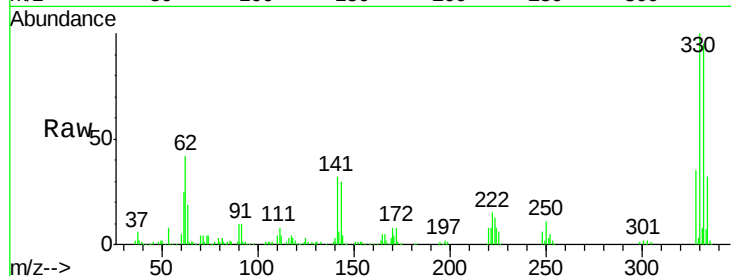




#41
 2,4,6-Tribromophenol
 Concen: 127.10 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016161.D
 Acq: 27 Mar 2015 4:29

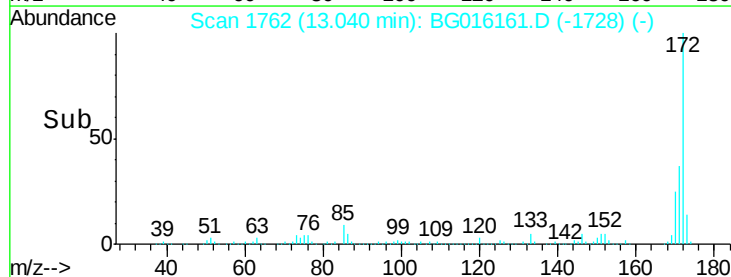
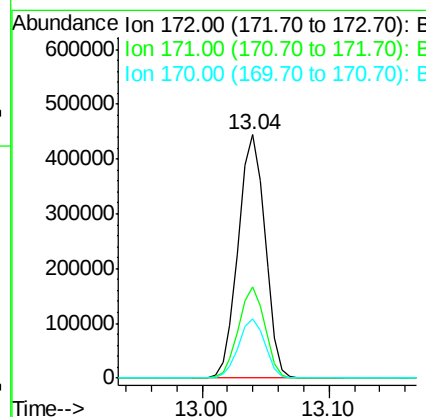
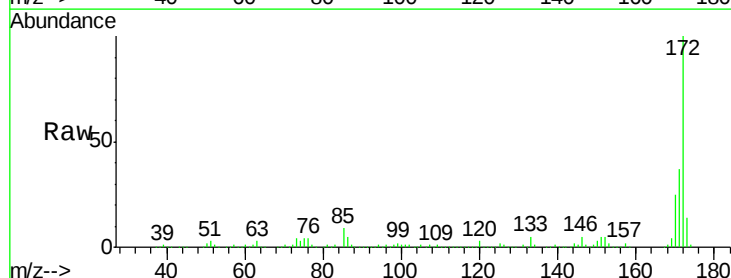
Instrument :
 BNA_G
 ClientSampleId :
 FD5

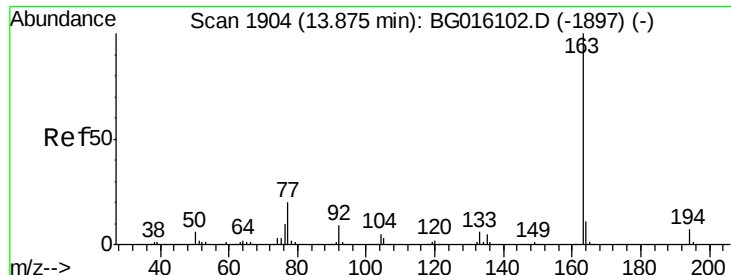
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.5	26.2	39.4



#44
 2-Fluorobiphenyl
 Concen: 75.67 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016161.D
 Acq: 27 Mar 2015 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.3	45.5
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 3.08 ng

RT: 13.87 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Instrument :

BNA_G

ClientSampleId :

FD5

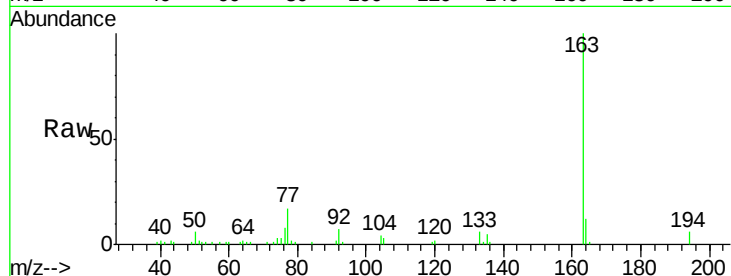
Tgt Ion:163 Resp: 31075

Ion Ratio Lower Upper

163 100

194 5.6 5.4 8.0

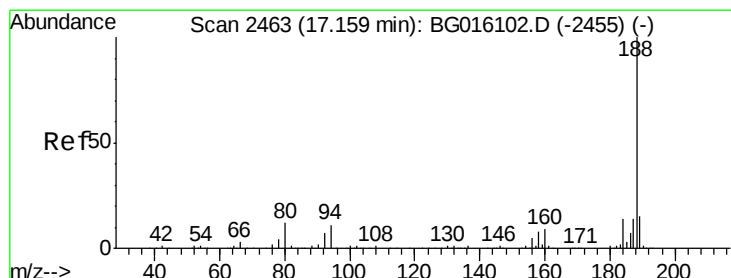
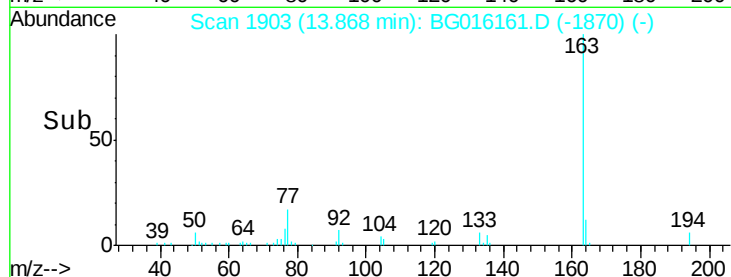
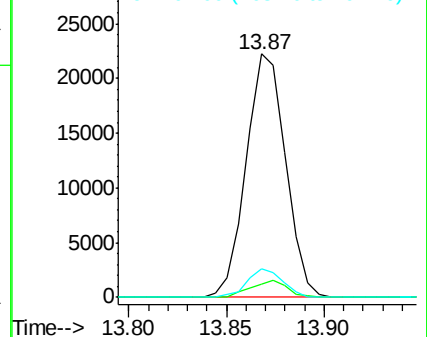
164 11.5 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

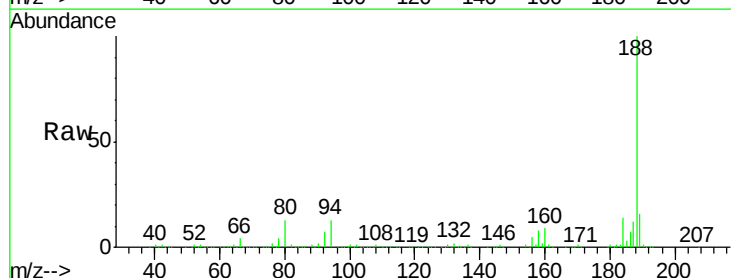
Tgt Ion:188 Resp: 310579

Ion Ratio Lower Upper

188 100

94 12.6 9.1 13.7

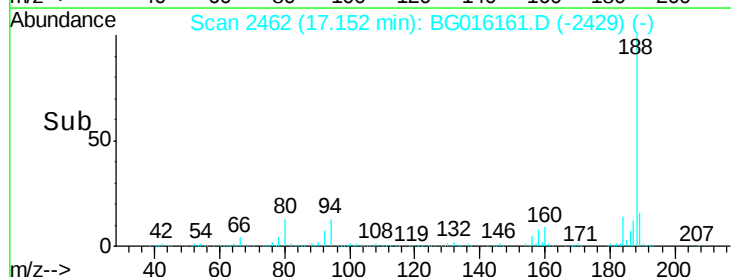
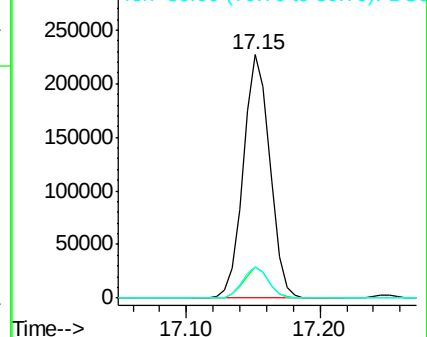
80 12.6 9.8 14.8

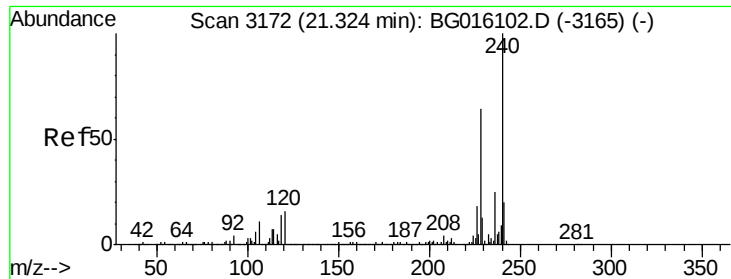


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Instrument :

BNA_G

ClientSampleId :

FD5

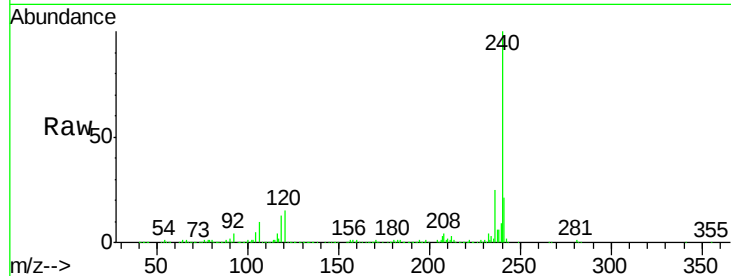
Tgt Ion:240 Resp: 323423

Ion Ratio Lower Upper

240 100

120 14.5 13.0 19.4

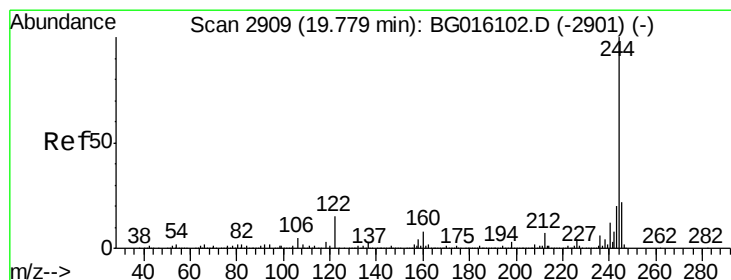
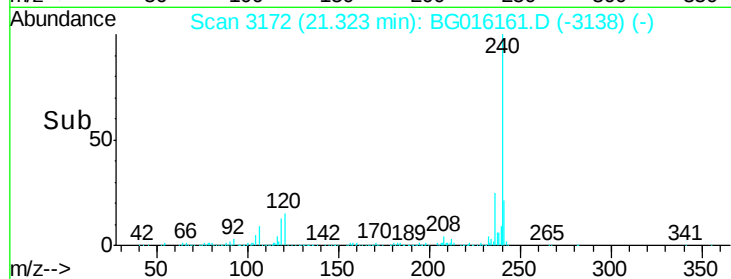
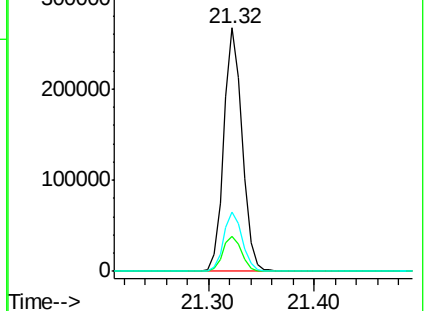
236 24.6 20.2 30.2



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: 72.85 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

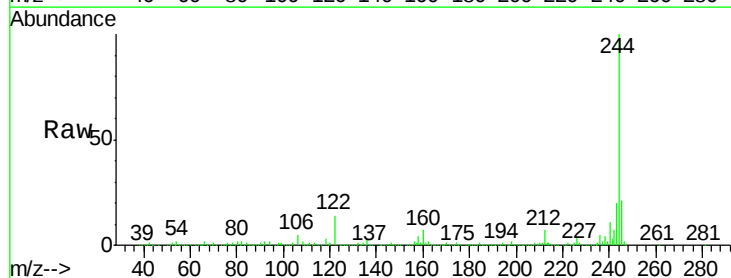
Tgt Ion:244 Resp: 935603

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

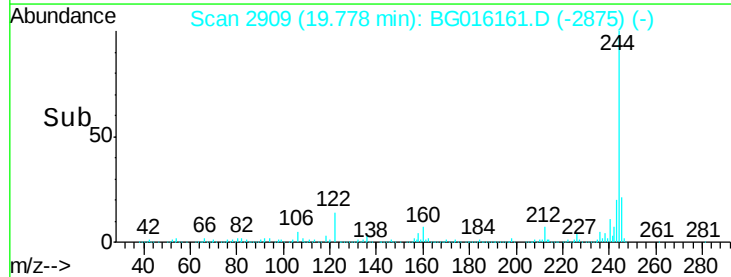
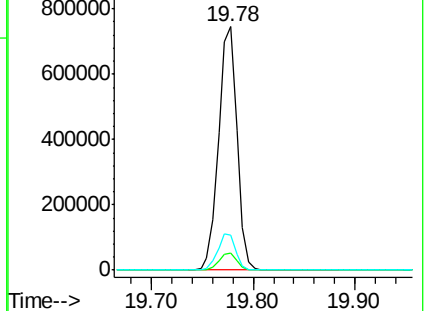
122 14.4 12.2 18.2

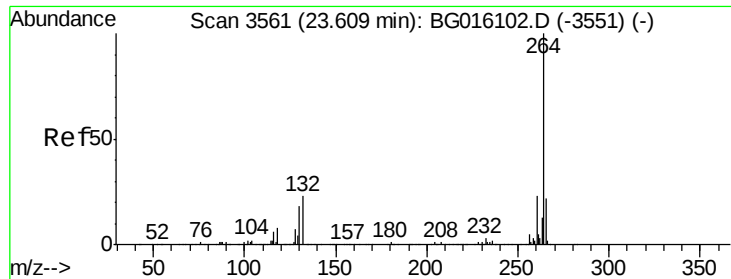


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.61 min Scan# 3561

Delta R.T. -0.00 min

Lab File: BG016161.D

Acq: 27 Mar 2015 4:29

Instrument :

BNA_G

ClientSampleId :

FD5

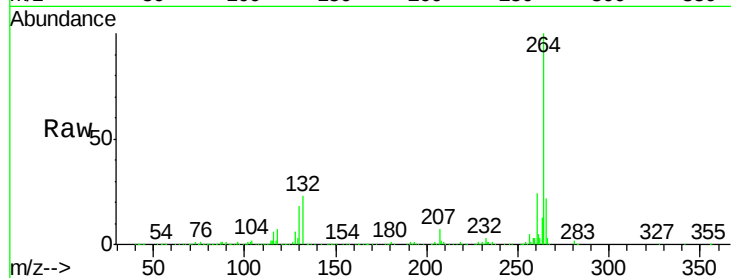
Tgt Ion: 264 Resp: 313773

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.9 17.3 25.9



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

