

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041315\
 Data File : BG016390.D
 Acq On : 14 Apr 2015 10:05
 Operator : TP/IZ
 Sample : G1791-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD10C

Quant Time: Apr 14 14:33:47 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

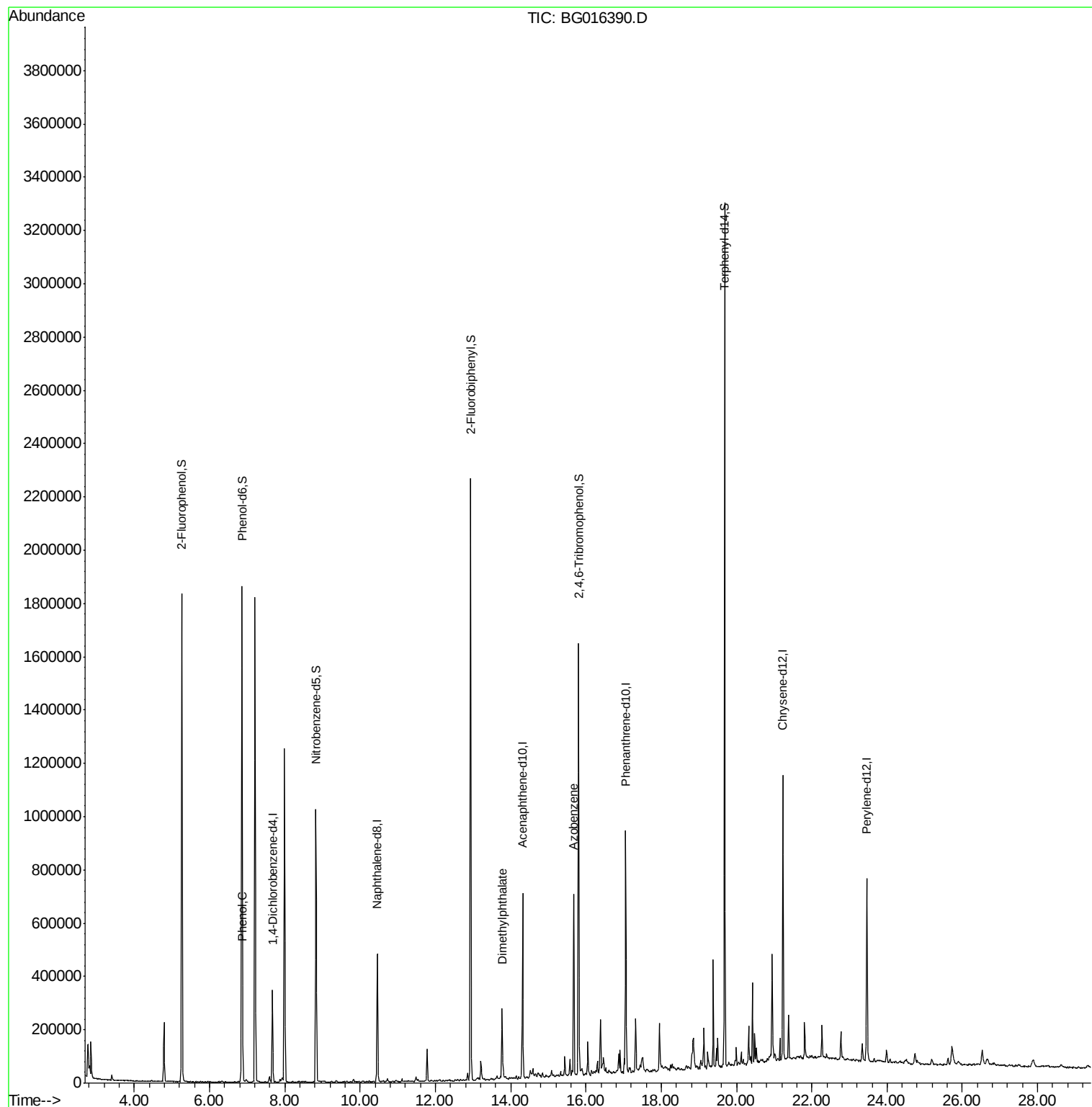
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	94099	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	413728	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	231821	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	462338	20.00	ng	0.00
75) Chrysene-d12	21.23	240	412918	20.00	ng	0.00
86) Perylene-d12	23.47	264	391286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	841152	141.08	ng	0.00
7) Phenol-d6	6.86	99	1172762	131.02	ng	0.00
23) Nitrobenzene-d5	8.83	82	607977	85.13	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	213417	136.13	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1081949	79.46	ng	0.00
78) Terphenyl-d14	19.69	244	1198650	67.94	ng	0.00
Target Compounds						
10) Phenol	6.89	94	29289	3.06	ng	92
49) Dimethylphthalate	13.77	163	174560	10.27	ng	99
62) Azobenzene	15.67	77	189473	9.84	ng	# 1

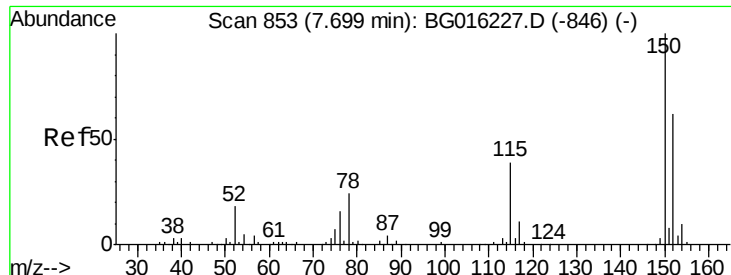
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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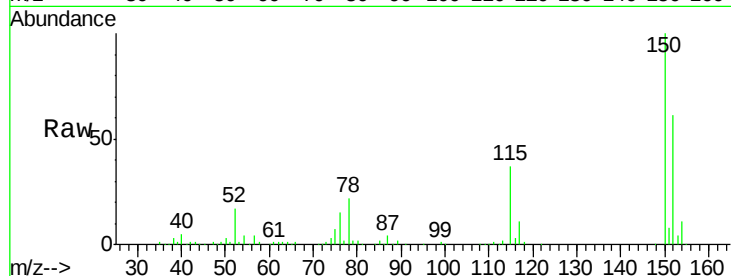


#1

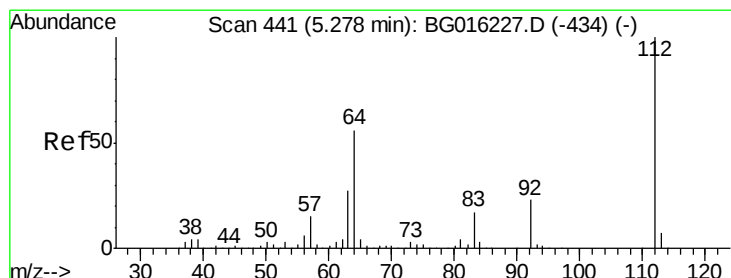
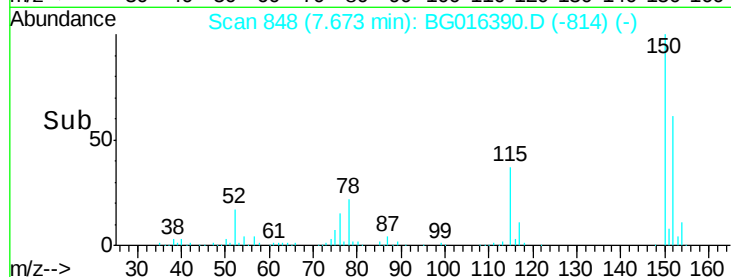
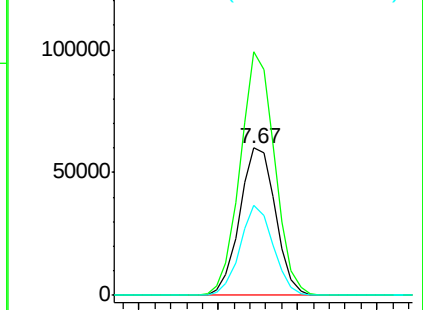
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG016390.D
 Acq: 14 Apr 2015 10:05

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD10C

Tgt Ion:152 Resp: 94099
 Ion Ratio Lower Upper
 152 100
 150 165.0 130.1 195.1
 115 61.1 50.5 75.7



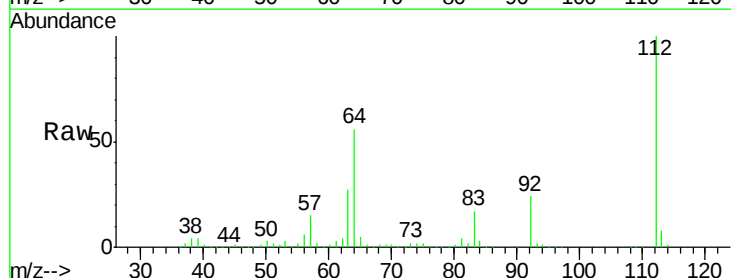
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



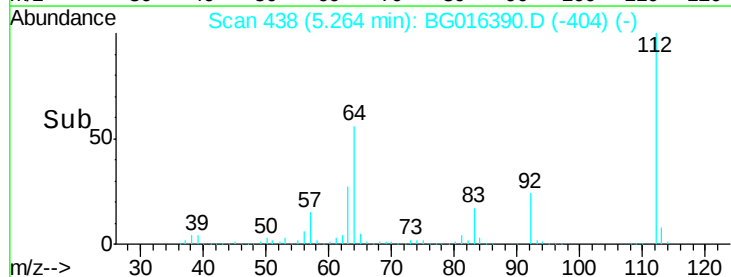
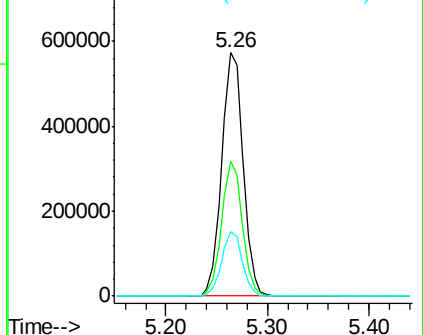
#5

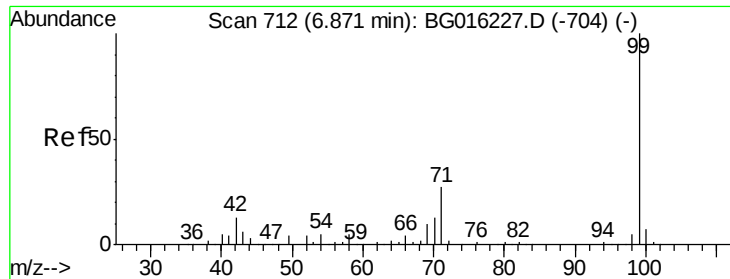
2-Fluorophenol
 Concen: 141.08 ng
 RT: 5.26 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BG016390.D
 Acq: 14 Apr 2015 10:05

Tgt Ion:112 Resp: 841152
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.5 66.7
 63 26.6 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





#7

Phenol-d6

Concen: 131.02 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

Instrument :

BNA_G

ClientSampleId :

LS-SD10C

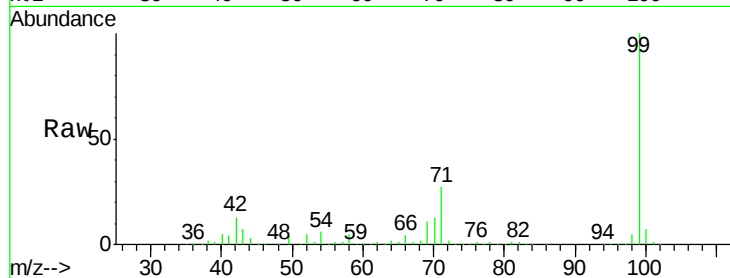
Tgt Ion: 99 Resp: 1172762

Ion Ratio Lower Upper

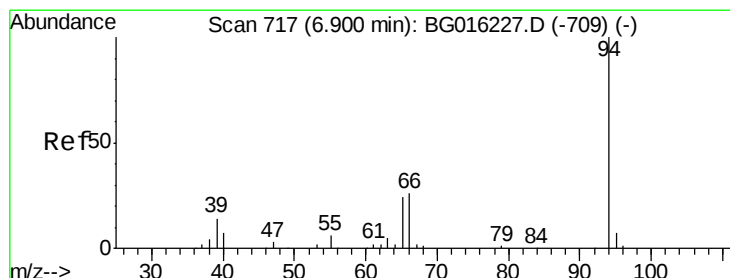
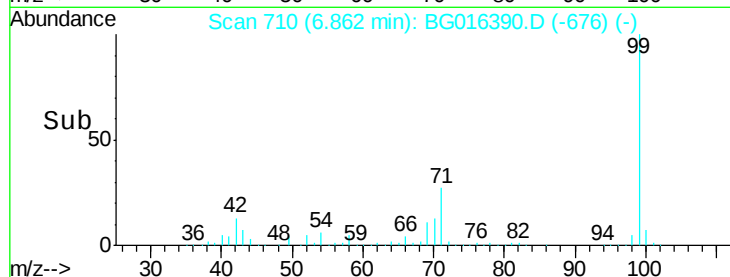
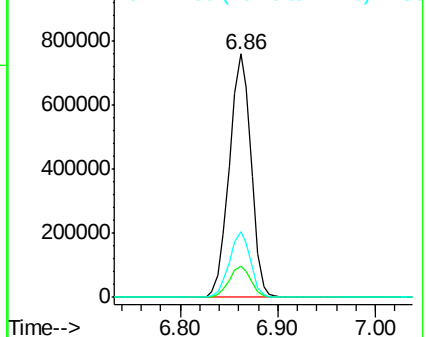
99 100

42 13.0 10.0 15.0

71 27.2 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: 3.06 ng

RT: 6.89 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

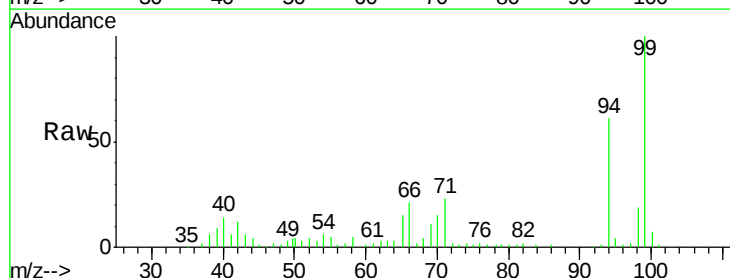
Tgt Ion: 94 Resp: 29289

Ion Ratio Lower Upper

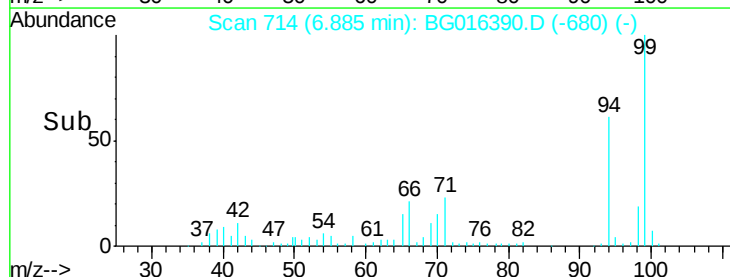
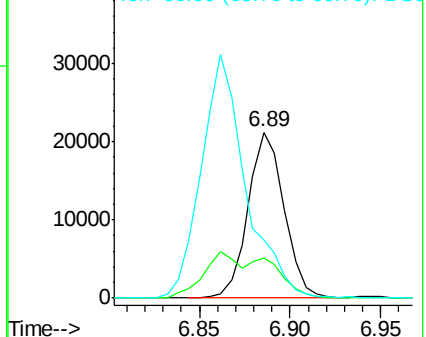
94 100

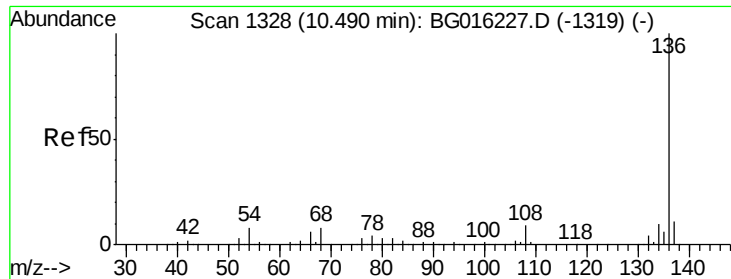
65 24.3 3.8 43.8

66 34.8 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

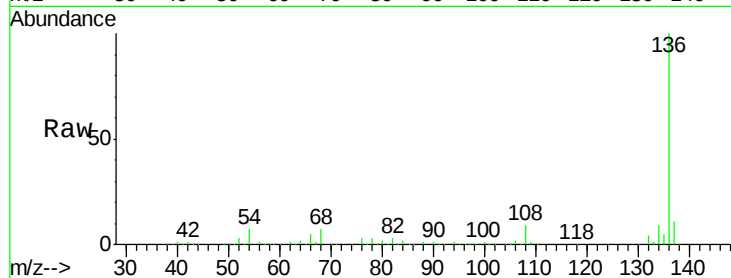




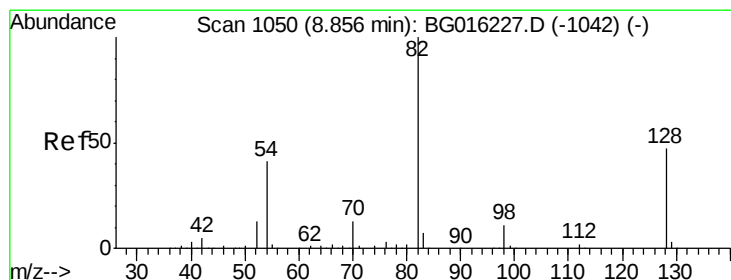
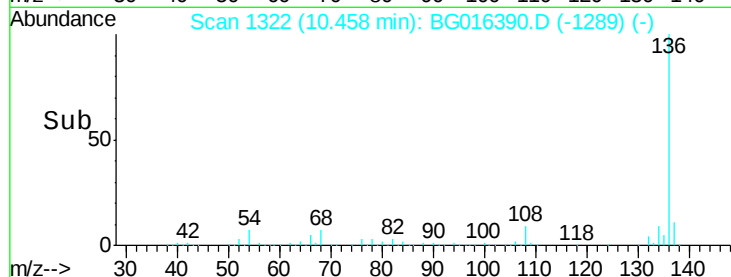
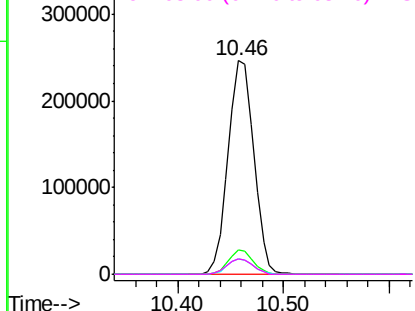
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Instrument :
BNA_G
ClientSampleId :
LS-SD10C

Tgt Ion:	136	Resp:	413728
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.9	6.3	9.5
68	7.1	6.5	9.7

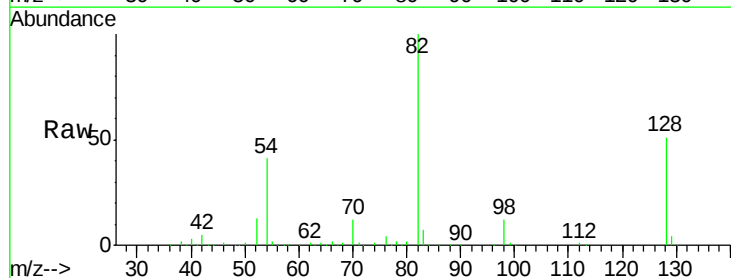


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

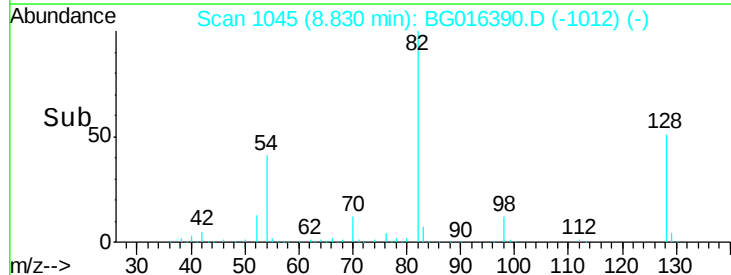
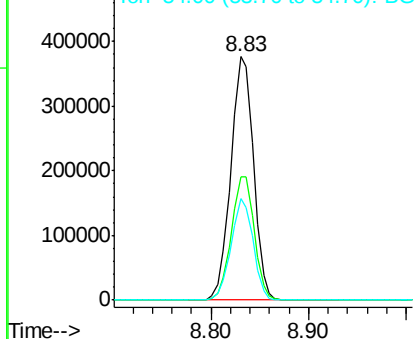


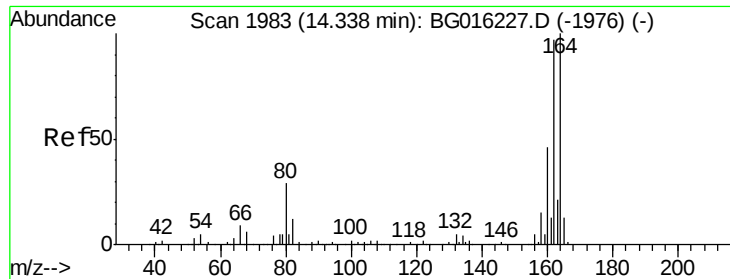
#23
Nitrobenzene-d5
Concen: 85.13 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Tgt Ion:	82	Resp:	607977
Ion	Ratio	Lower	Upper
82	100		
128	50.9	37.8	56.8
54	41.5	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

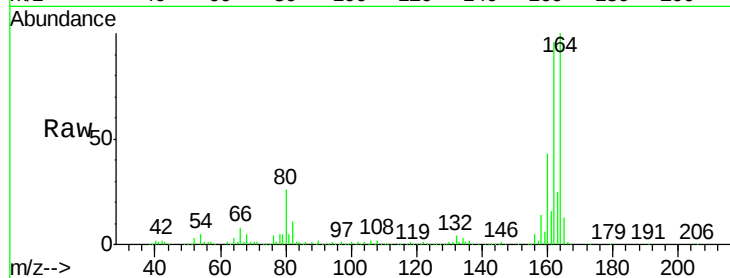




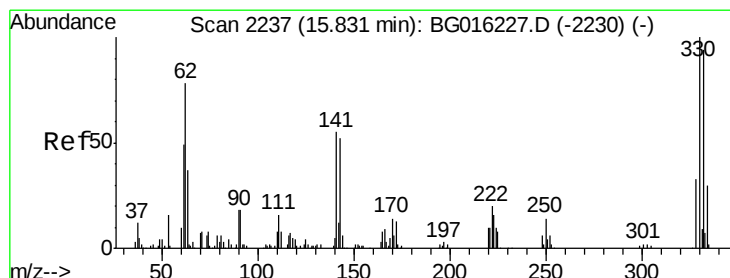
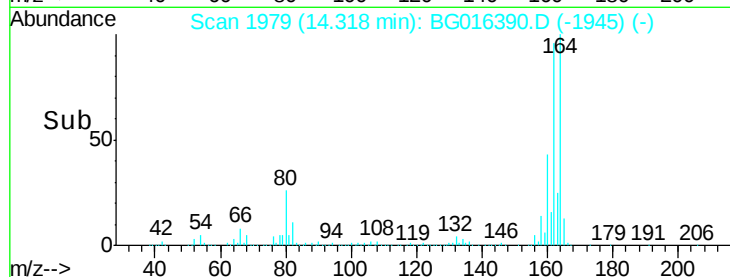
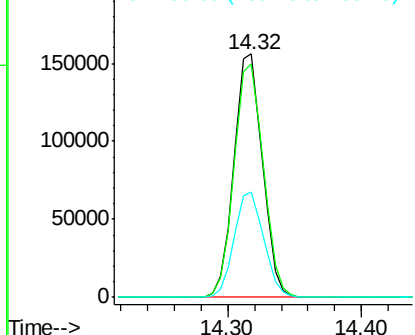
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Instrument :
BNA_G
ClientSampleId :
LS-SD10C

Tgt Ion:164 Resp: 231821
Ion Ratio Lower Upper
164 100
162 95.9 77.3 115.9
160 43.1 36.7 55.1

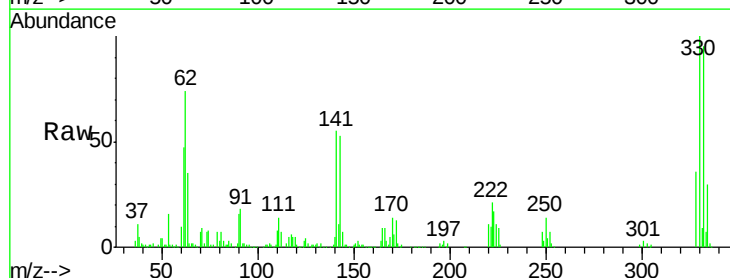


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

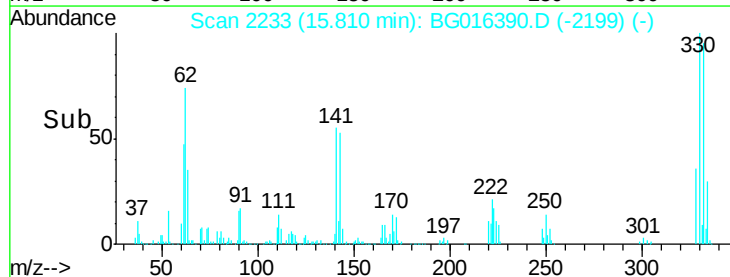
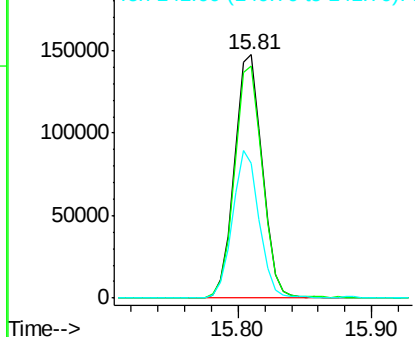


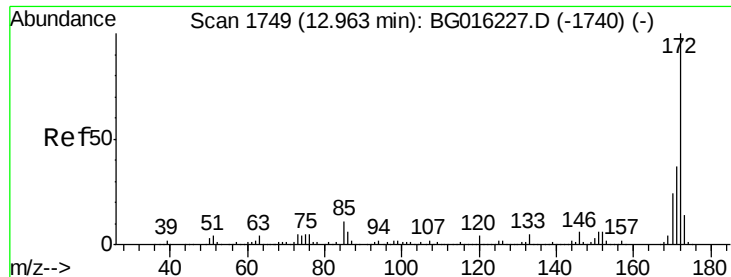
#41
2,4,6-Tribromophenol
Concen: 136.13 ng
RT: 15.81 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Tgt Ion:330 Resp: 213417
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 57.9 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

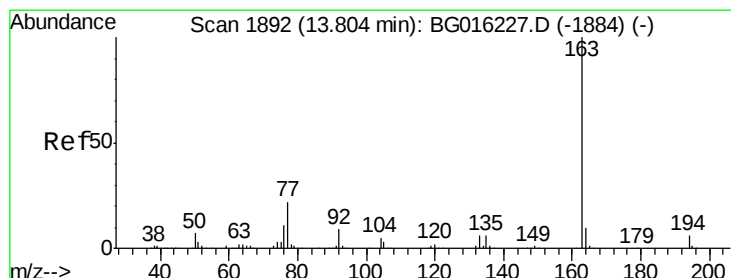
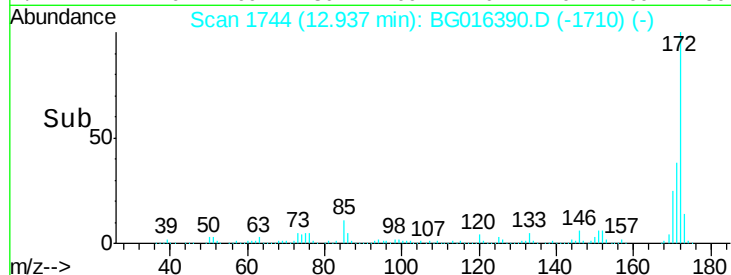
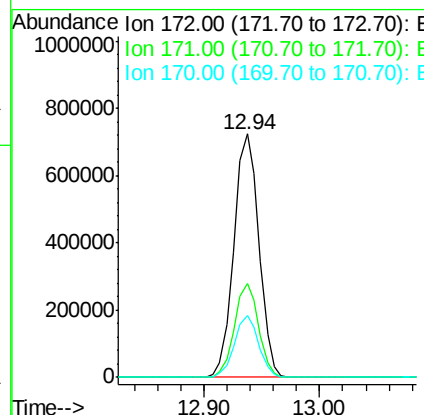
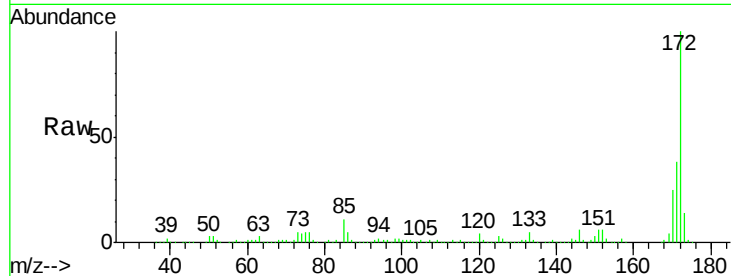




#44
2-Fluorobiphenyl
Concen: 79.46 ng
RT: 12.94 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

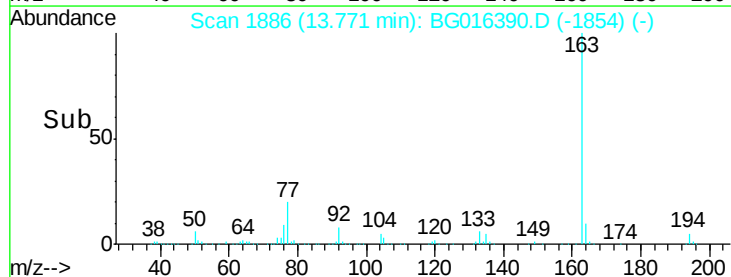
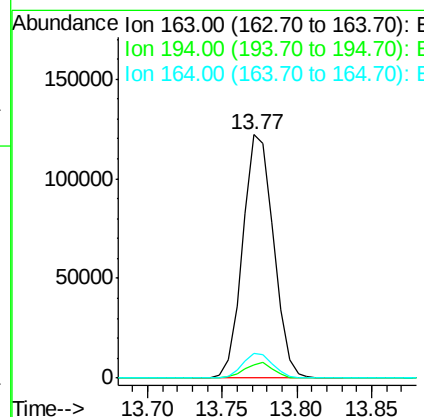
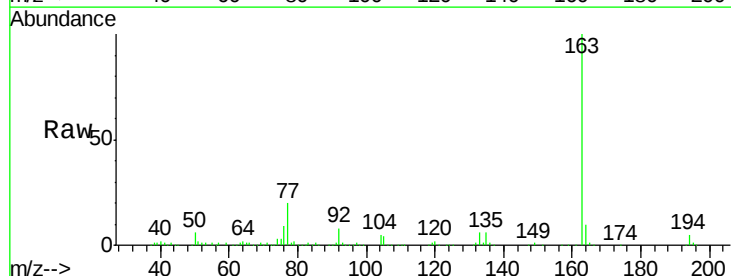
Instrument :
BNA_G
ClientSampleId :
LS-SD10C

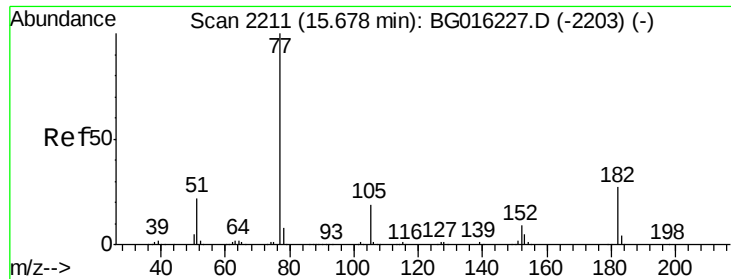
Tgt Ion:172 Resp: 1081949
Ion Ratio Lower Upper
172 100
171 38.3 29.6 44.4
170 25.3 19.4 29.2



#49
Dimethylphthalate
Concen: 10.27 ng
RT: 13.77 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Tgt Ion:163 Resp: 174560
Ion Ratio Lower Upper
163 100
194 5.4 5.0 7.4
164 10.3 8.2 12.4





#62

Azobenzene

Concen: 9.84 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

Instrument :

BNA_G

ClientSampleId :

LS-SD10C

Tgt Ion: 77 Resp: 189473

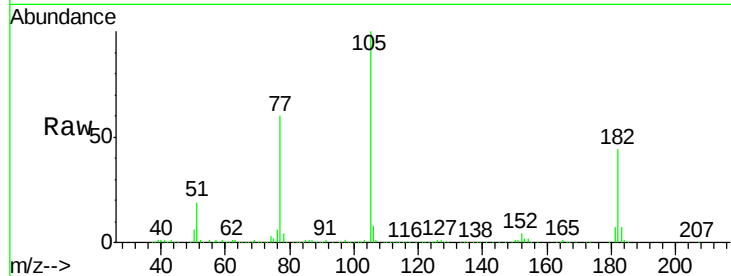
Ion Ratio Lower Upper

77 100

182 73.6 6.6 46.6#

105 167.1 0.0 39.2#

51 31.4 2.0 42.0

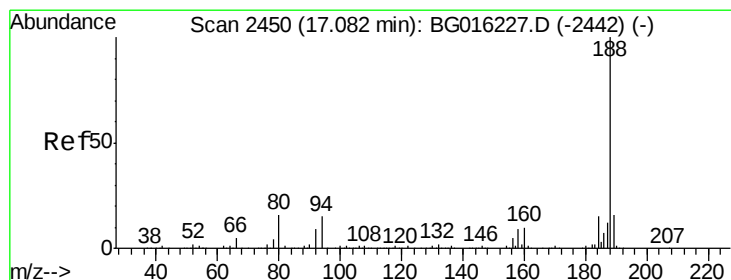
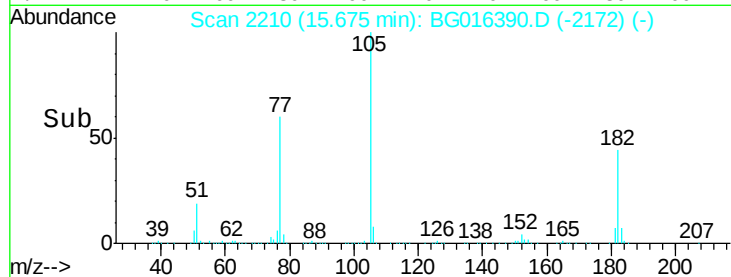
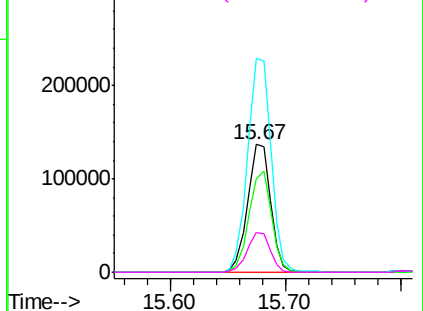


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

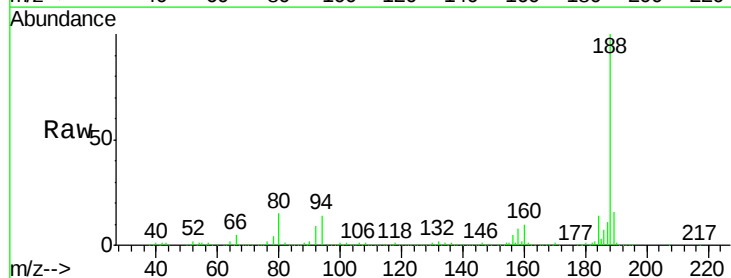
Tgt Ion: 188 Resp: 462338

Ion Ratio Lower Upper

188 100

94 14.4 12.2 18.4

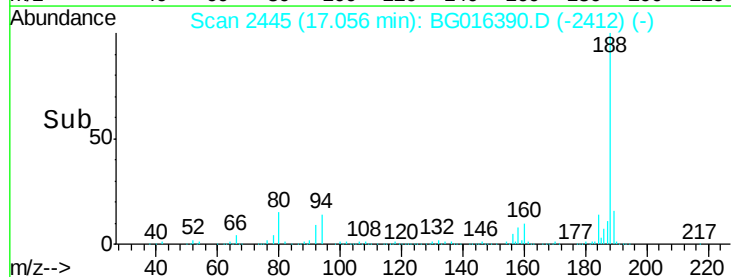
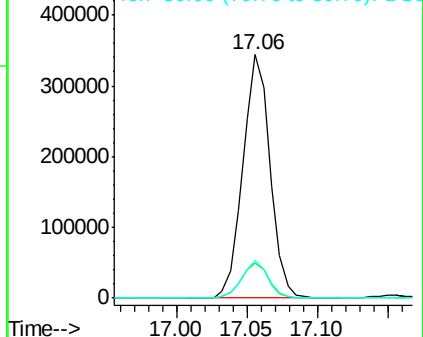
80 15.2 12.8 19.2

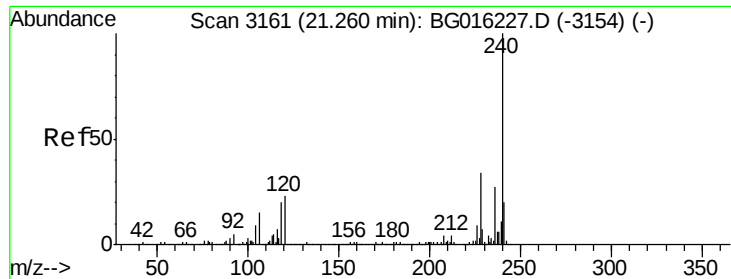


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

Instrument :

BNA_G

ClientSampleId :

LS-SD10C

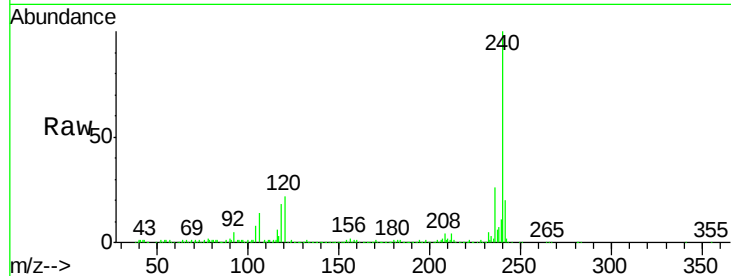
Tgt Ion:240 Resp: 412918

Ion Ratio Lower Upper

240 100

120 21.7 18.6 28.0

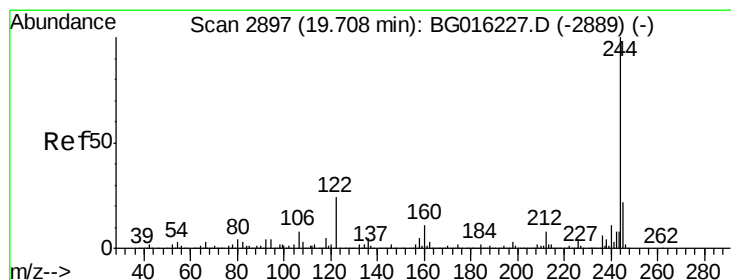
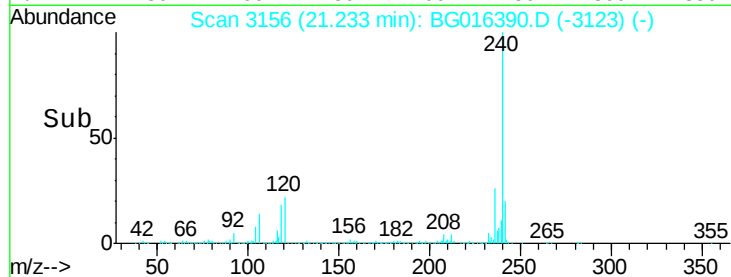
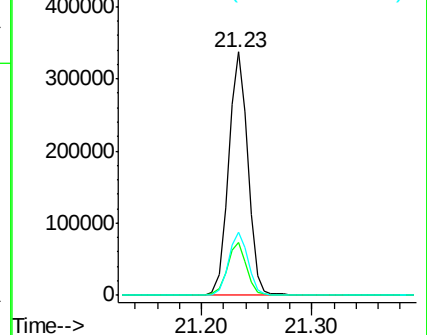
236 25.7 21.7 32.5



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: 67.94 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016390.D

Acq: 14 Apr 2015 10:05

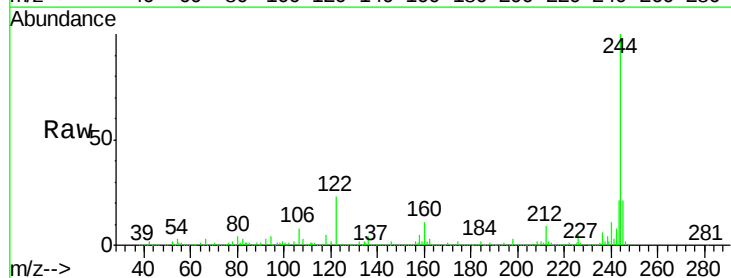
Tgt Ion:244 Resp: 1198650

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

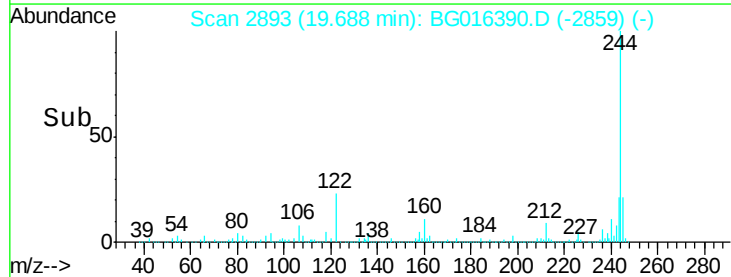
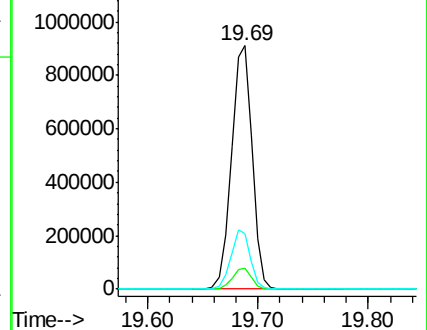
122 22.8 19.1 28.7

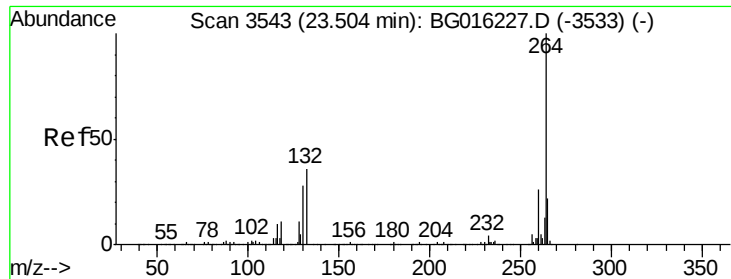


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016390.D
Acq: 14 Apr 2015 10:05

Instrument :
BNA_G
ClientSampleId :
LS-SD10C

Tgt Ion: 264 Resp: 391286
Ion Ratio Lower Upper
264 100
260 24.1 20.4 30.6
265 20.9 17.2 25.8

