

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041315\
 Data File : BG016391.D
 Acq On : 14 Apr 2015 10:40
 Operator : TP/IZ
 Sample : G1791-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04A

Quant Time: Apr 14 14:35:54 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

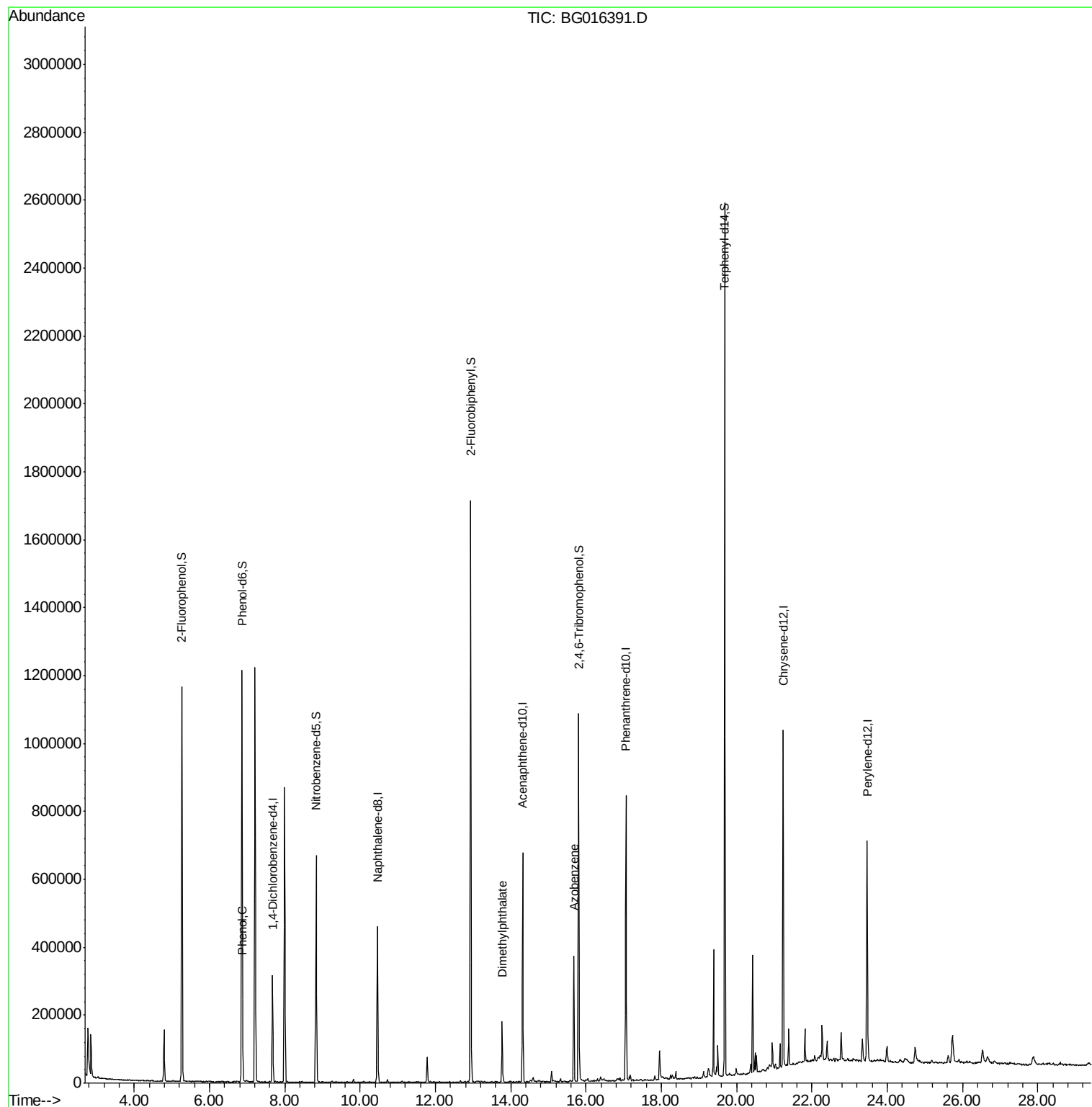
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86331	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	377556	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	213273	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	433675	20.00	ng	0.00
75) Chrysene-d12	21.24	240	386165	20.00	ng	0.00
86) Perylene-d12	23.47	264	363932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	560452	102.46	ng	0.00
7) Phenol-d6	6.86	99	781903	95.22	ng	0.00
23) Nitrobenzene-d5	8.83	82	400672	61.48	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	150735	104.51	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	820082	65.47	ng	0.00
78) Terphenyl-d14	19.69	244	963321	58.38	ng	0.00
Target Compounds						
10) Phenol	6.88	94	20626	2.35	ng	88
49) Dimethylphthalate	13.77	163	110990	7.10	ng	99
62) Azobenzene	15.68	77	100143	5.66	ng	# 1

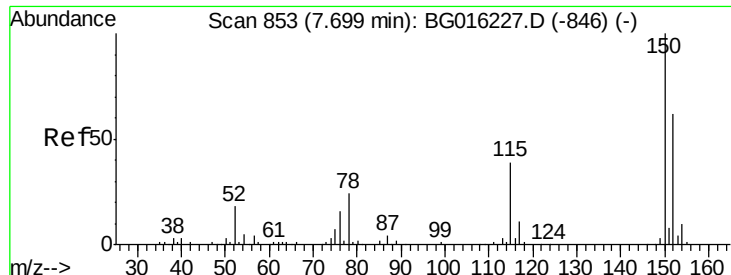
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

Instrument :

BNA_G

ClientSampleId :

LS-SD04A

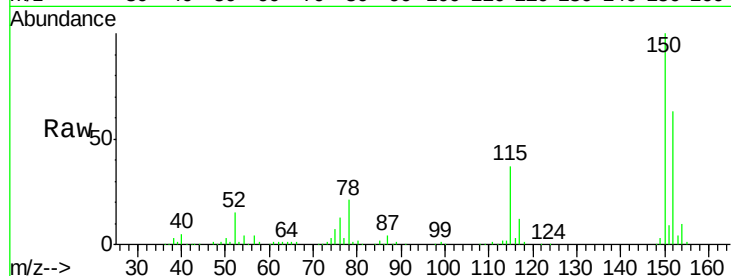
Tgt Ion:152 Resp: 86331

Ion Ratio Lower Upper

152 100

150 159.8 130.1 195.1

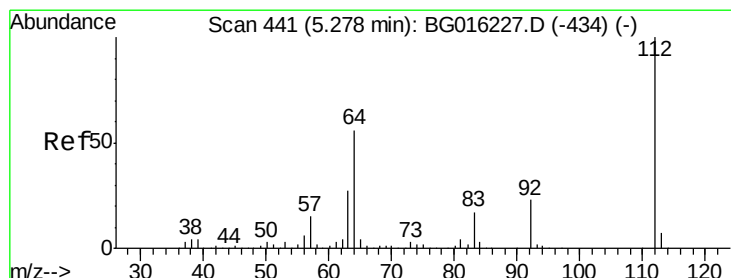
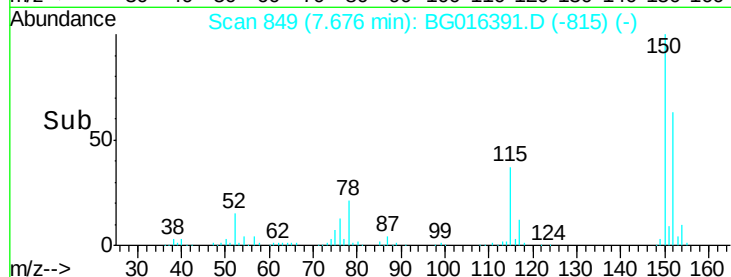
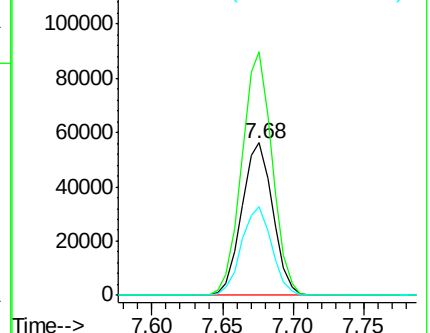
115 58.6 50.5 75.7



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: 102.46 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

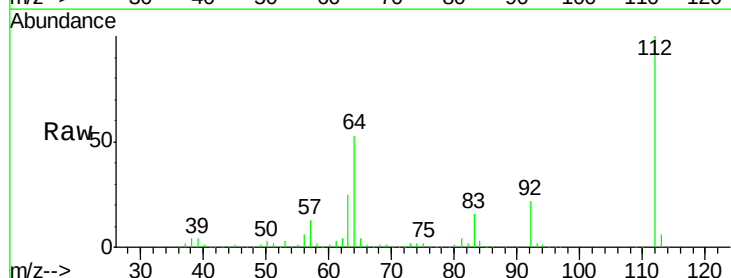
Tgt Ion:112 Resp: 560452

Ion Ratio Lower Upper

112 100

64 52.8 44.5 66.7

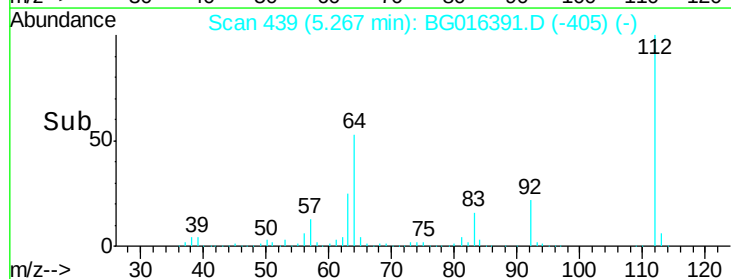
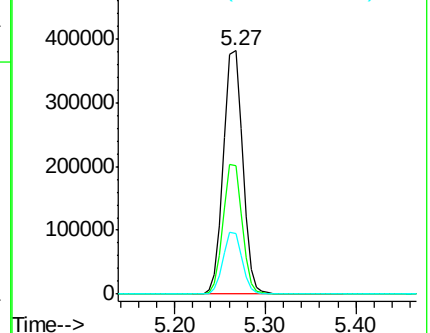
63 24.9 21.4 32.0

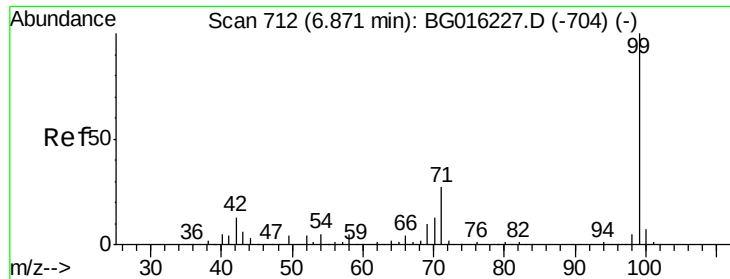


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.22 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

Instrument :

BNA_G

ClientSampleId :

LS-SD04A

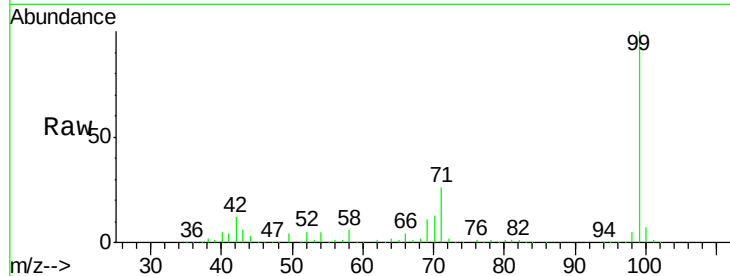
Tgt Ion: 99 Resp: 781903

Ion Ratio Lower Upper

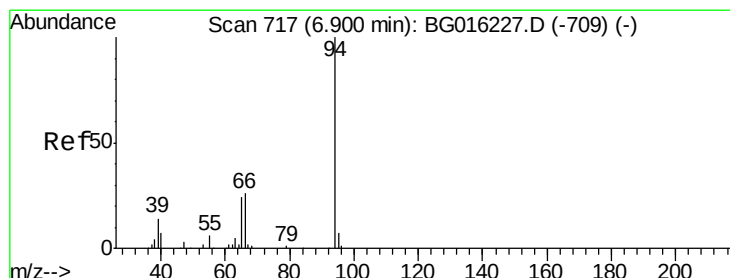
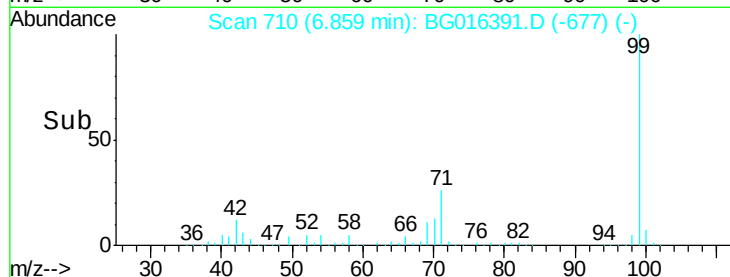
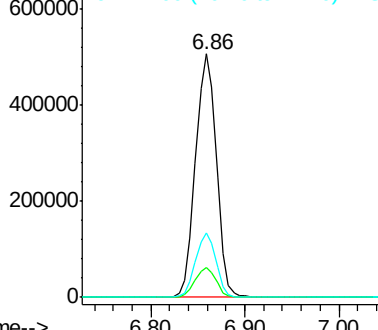
99 100

42 12.5 10.0 15.0

71 26.5 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: 2.35 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

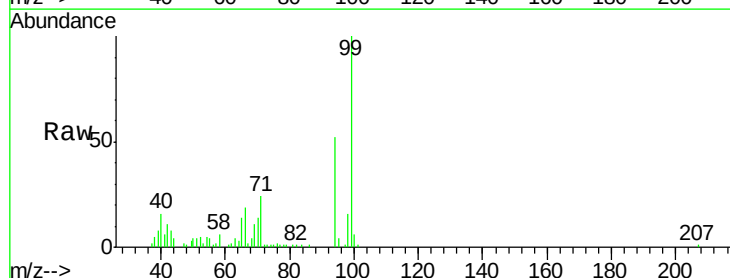
Tgt Ion: 94 Resp: 20626

Ion Ratio Lower Upper

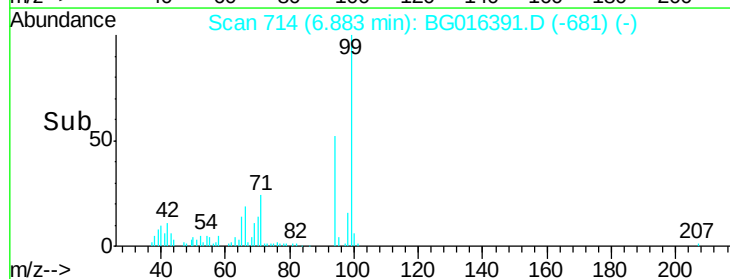
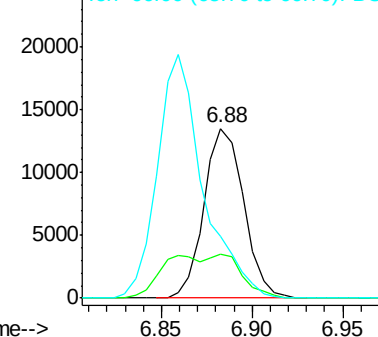
94 100

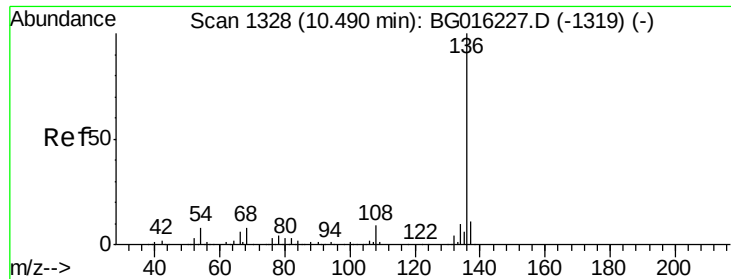
65 26.0 3.8 43.8

66 36.9 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

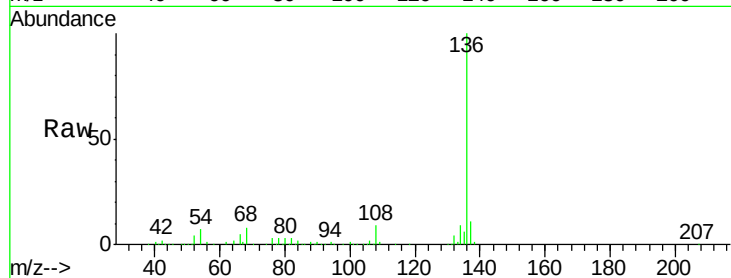




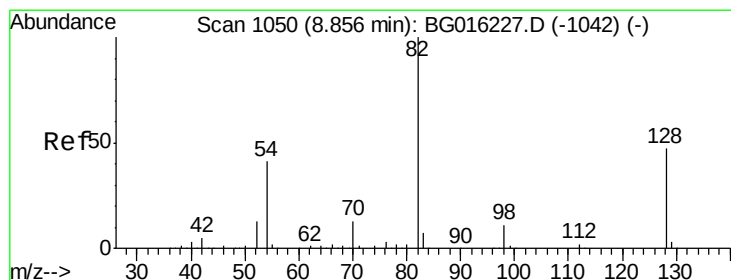
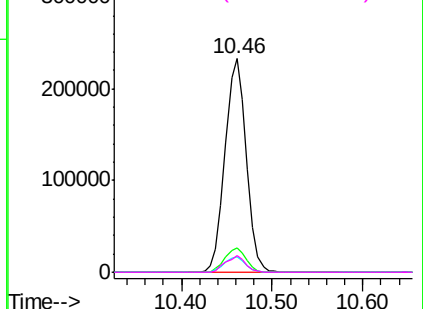
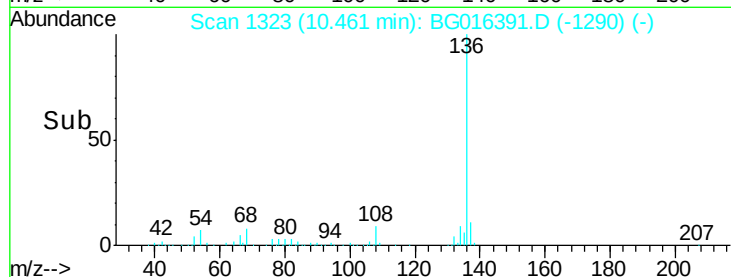
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG016391.D
Acq: 14 Apr 2015 10:40

Instrument :
BNA_G
ClientSampleId :
LS-SD04A

Tgt Ion:	136	Resp:	377556
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.4	6.3	9.5
68	7.6	6.5	9.7

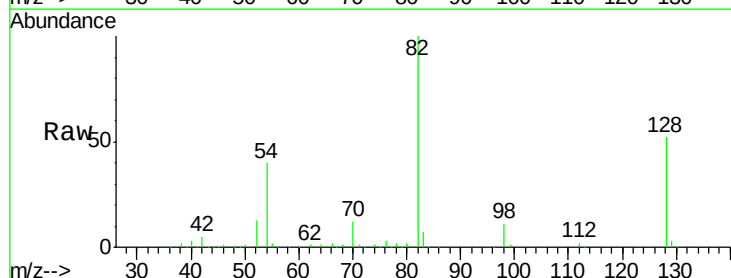


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

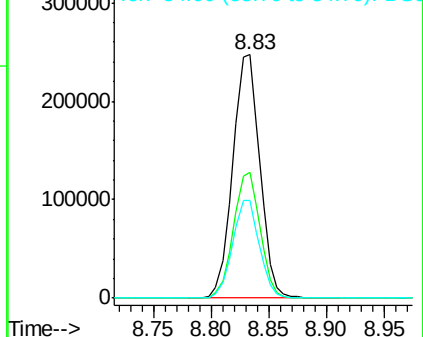
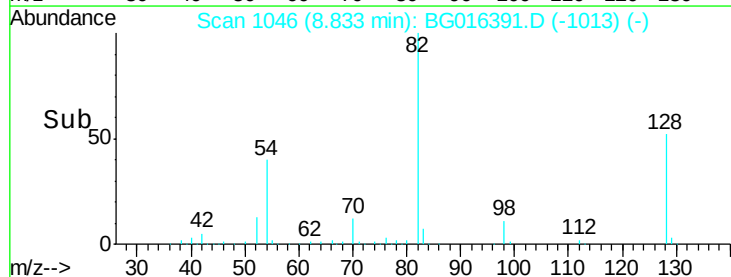


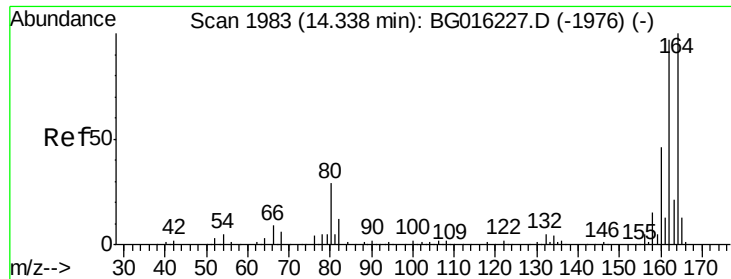
#23
Nitrobenzene-d5
Concen: 61.48 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG016391.D
Acq: 14 Apr 2015 10:40

Tgt Ion:	82	Resp:	400672
Ion	Ratio	Lower	Upper
82	100		
128	51.8	37.8	56.8
54	40.2	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

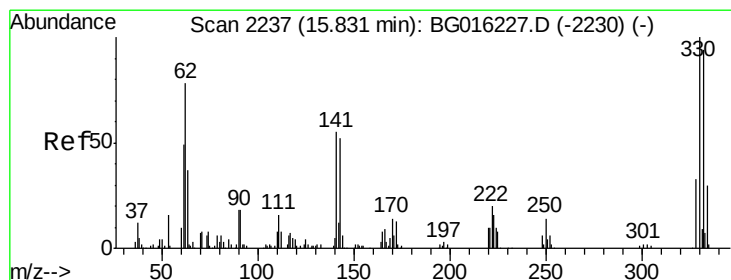
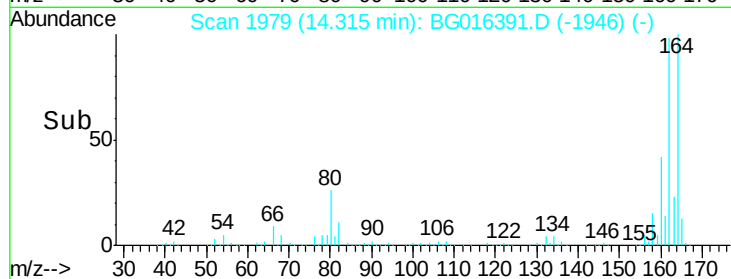
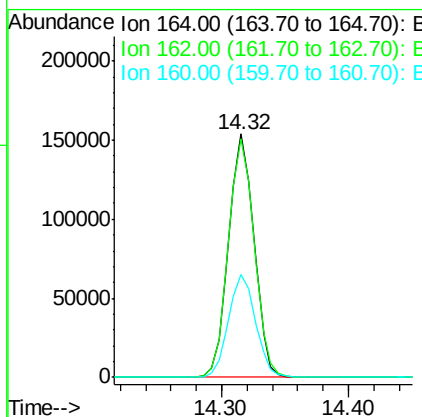
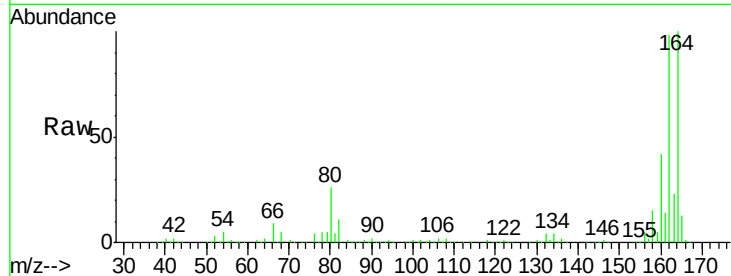




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG016391.D
Acq: 14 Apr 2015 10:40

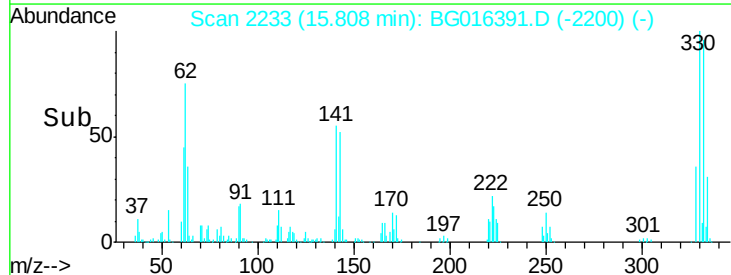
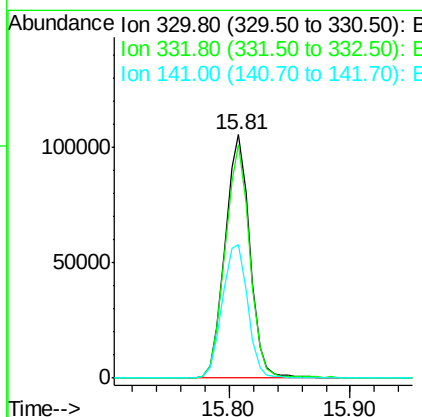
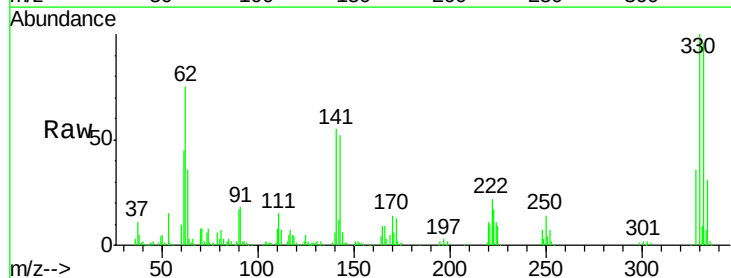
Instrument :
BNA_G
ClientSampleId :
LS-SD04A

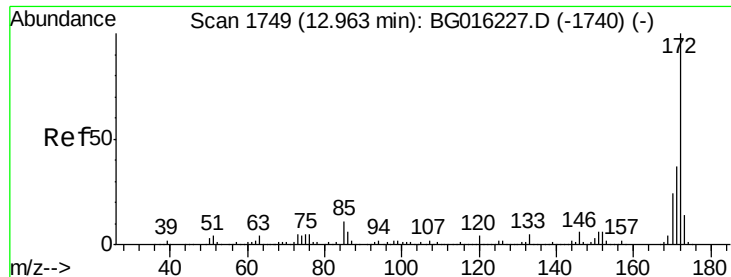
Tgt Ion:164 Resp: 213273
Ion Ratio Lower Upper
164 100
162 98.2 77.3 115.9
160 42.4 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 104.51 ng
RT: 15.81 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG016391.D
Acq: 14 Apr 2015 10:40

Tgt Ion:330 Resp: 150735
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 56.1 46.6 69.8

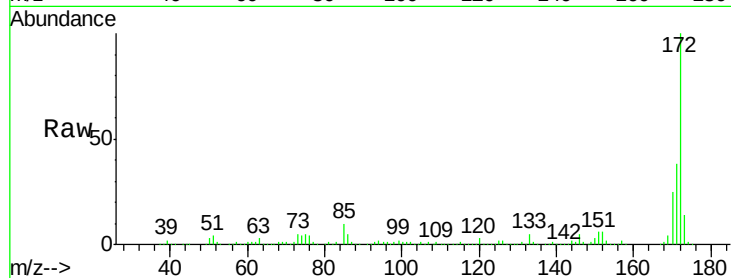




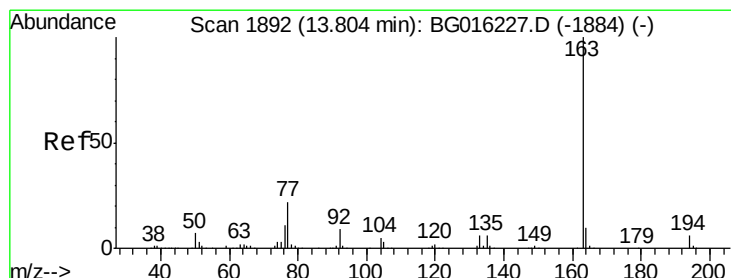
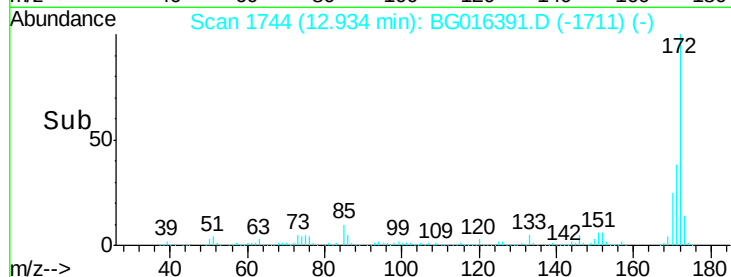
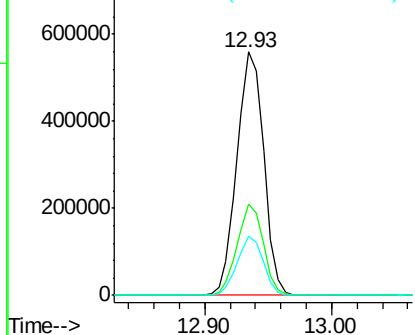
#44
 2-Fluorobiphenyl
 Concen: 65.47 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016391.D
 Acq: 14 Apr 2015 10:40

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04A

Tgt Ion:172 Resp: 820082
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 24.6 19.4 29.2

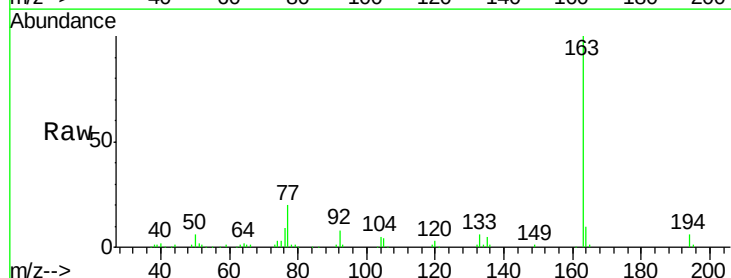


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

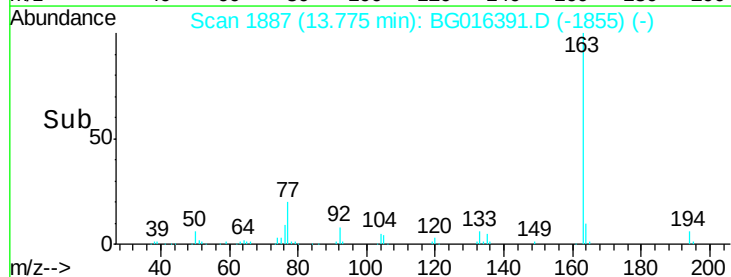
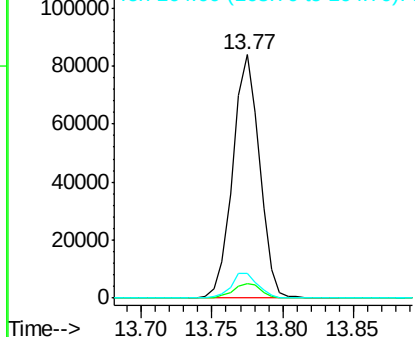


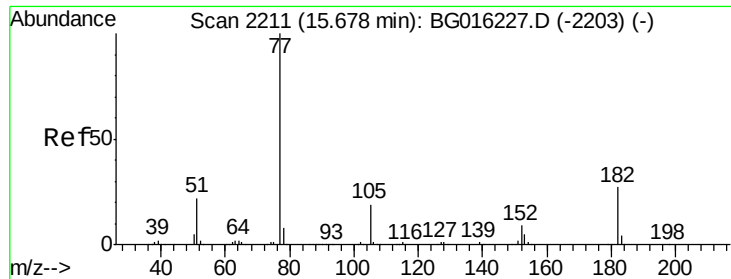
#49
 Dimethylphthalate
 Concen: 7.10 ng
 RT: 13.77 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG016391.D
 Acq: 14 Apr 2015 10:40

Tgt Ion:163 Resp: 110990
 Ion Ratio Lower Upper
 163 100
 194 5.9 5.0 7.4
 164 10.2 8.2 12.4



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





#62

Azobenzene

Concen: 5.66 ng

RT: 15.68 min Scan# 2211

Delta R.T. 0.03 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

Instrument :

BNA_G

ClientSampleID :

LS-SD04A

Tgt Ion: 77 Resp: 100143

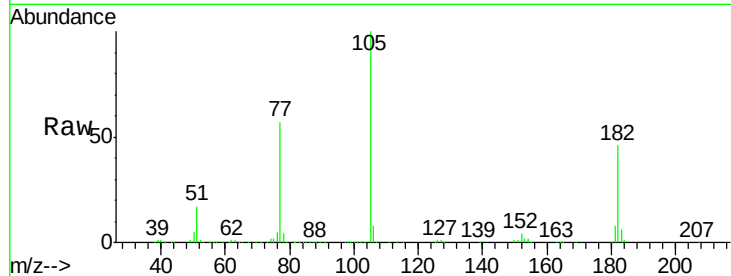
Ion Ratio Lower Upper

77 100

182 81.7 6.6 46.6#

105 176.2 0.0 39.2#

51 30.2 2.0 42.0

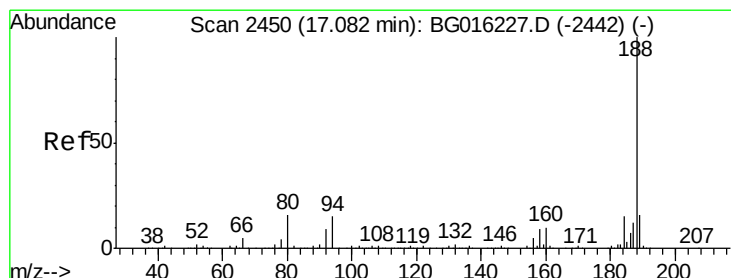
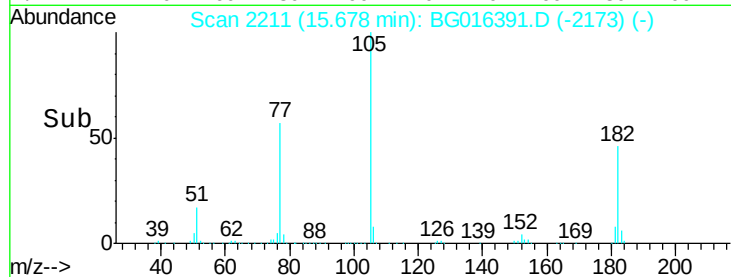
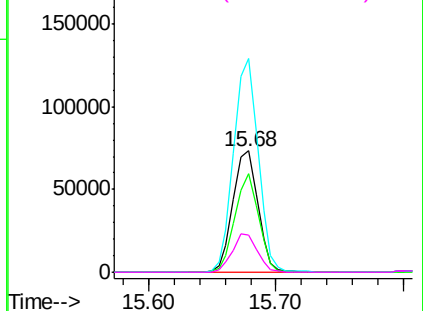


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2446

Delta R.T. -0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

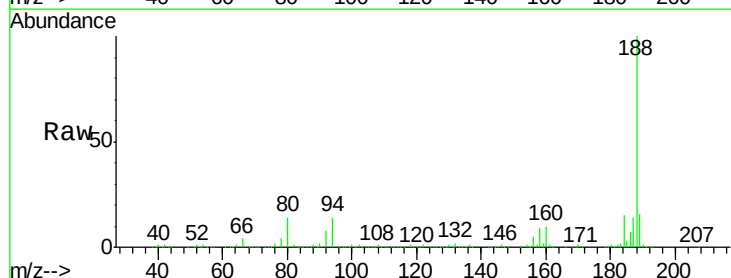
Tgt Ion: 188 Resp: 433675

Ion Ratio Lower Upper

188 100

94 14.1 12.2 18.4

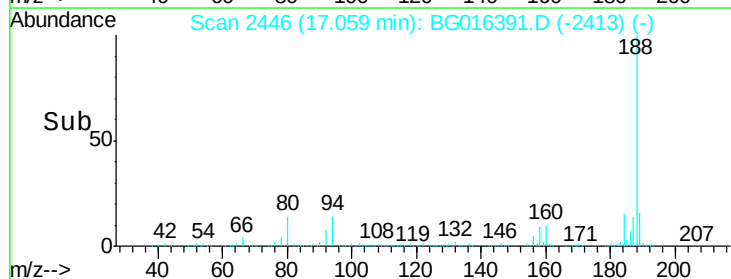
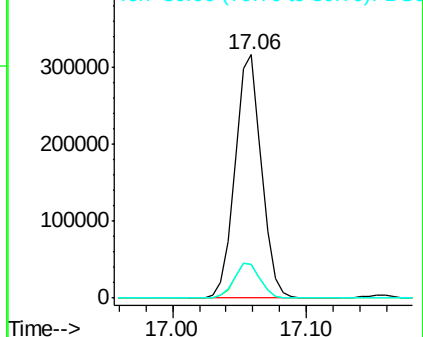
80 13.7 12.8 19.2

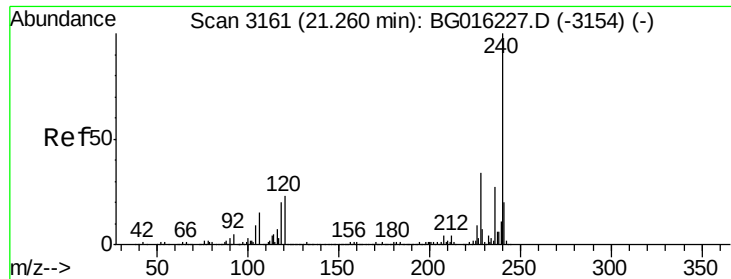


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

Instrument :

BNA_G

ClientSampleId :

LS-SD04A

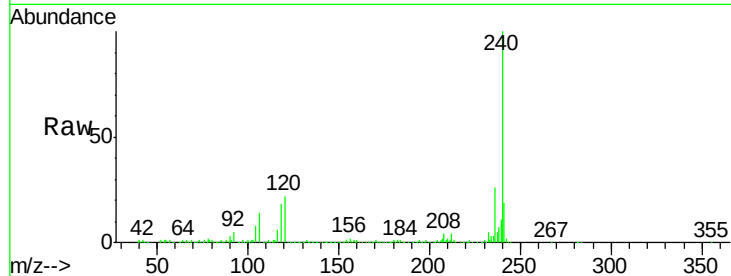
Tgt Ion:240 Resp: 386165

Ion Ratio Lower Upper

240 100

120 21.8 18.6 28.0

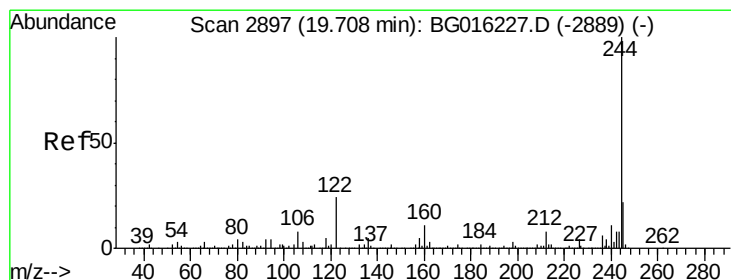
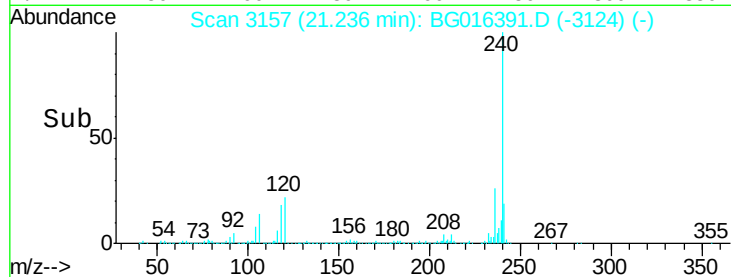
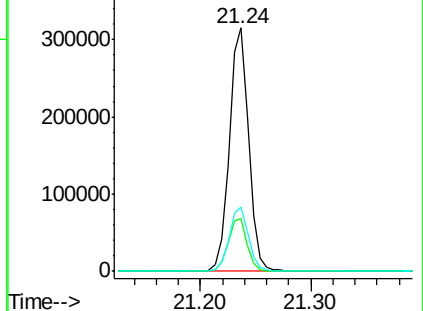
236 26.5 21.7 32.5



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: 58.38 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016391.D

Acq: 14 Apr 2015 10:40

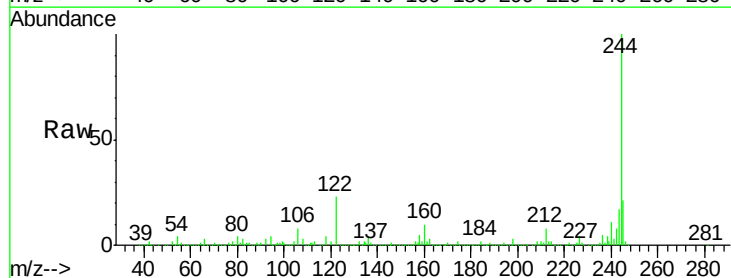
Tgt Ion:244 Resp: 963321

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

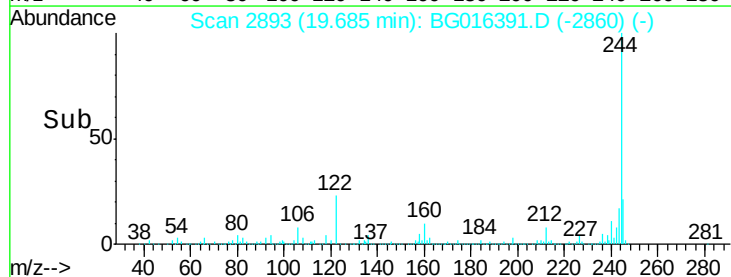
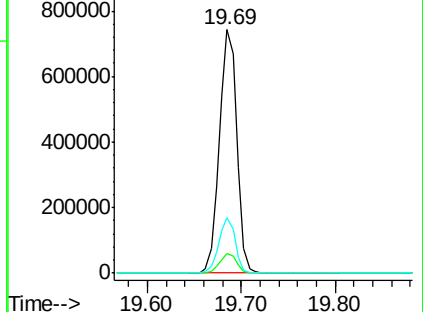
122 22.7 19.1 28.7

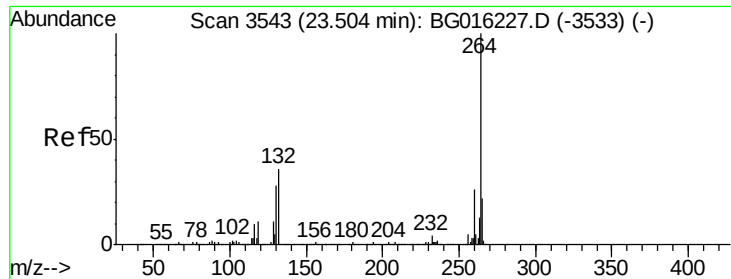


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3537
Delta R.T. 0.00 min
Lab File: BG016391.D
Acq: 14 Apr 2015 10:40

Instrument :
BNA_G
ClientSampleId :
LS-SD04A

Tgt Ion: 264 Resp: 363932

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	21.5	17.2	25.8

