

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041315\
 Data File : BG016392.D
 Acq On : 14 Apr 2015 11:14
 Operator : TP/IZ
 Sample : G1791-01RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD08B

Quant Time: Apr 14 14:37:55 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

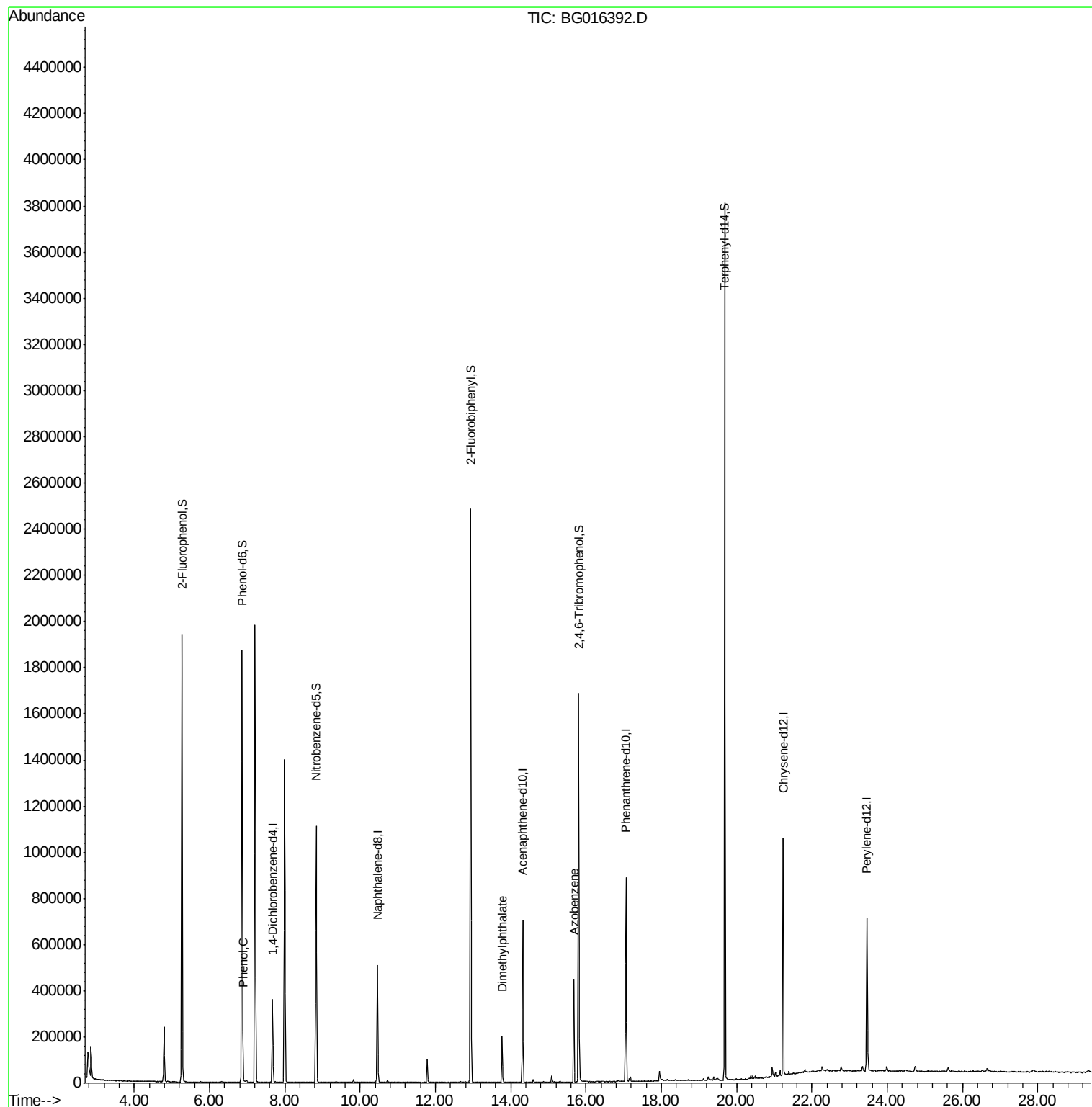
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	98923	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	427805	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	233475	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	465067	20.00	ng	0.00
75) Chrysene-d12	21.24	240	419647	20.00	ng	0.00
86) Perylene-d12	23.47	264	392504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	889523	141.91	ng	0.00
7) Phenol-d6	6.87	99	1239590	131.74	ng	0.00
23) Nitrobenzene-d5	8.83	82	659777	89.34	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	229560	145.39	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1209506	88.20	ng	0.00
78) Terphenyl-d14	19.69	244	1359772	75.84	ng	0.00
Target Compounds						
10) Phenol	6.89	94	26520	2.63	ng	97
49) Dimethylphthalate	13.77	163	123809	7.24	ng	100
62) Azobenzene	15.68	77	115872	5.98	ng	# 1

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

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Instrument :
BNA_G
ClientSampleId :
LS-SD08B

Quant Time: Apr 14 14:37:55 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



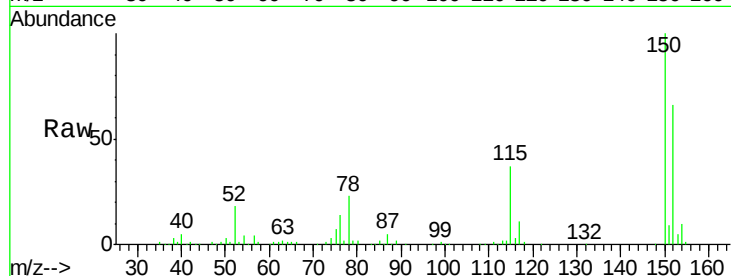


#1

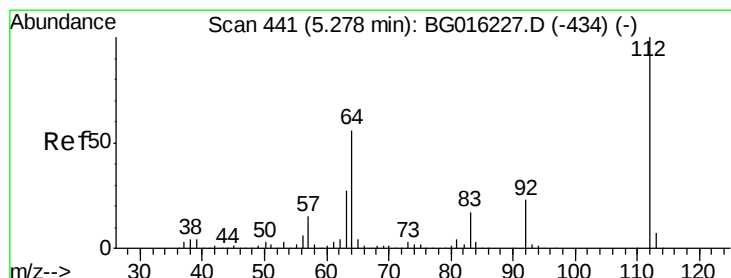
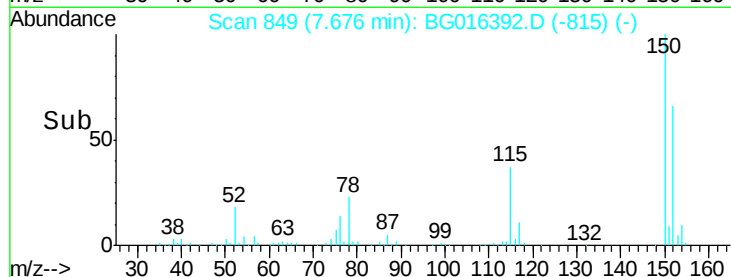
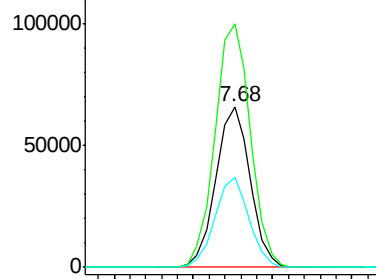
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. 0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

Instrument :
BNA_G
ClientSampled :
LS-SD08B

Tgt Ion:152 Resp: 98923
Ion Ratio Lower Upper
152 100
150 151.8 130.1 195.1
115 56.0 50.5 75.7



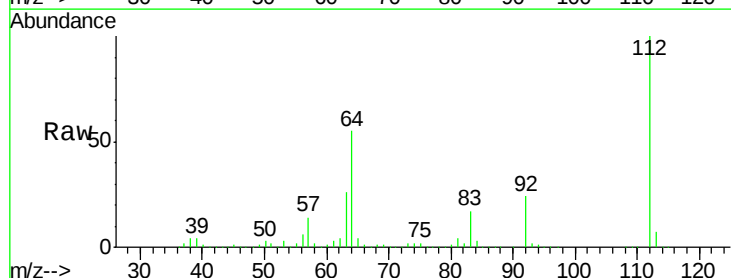
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



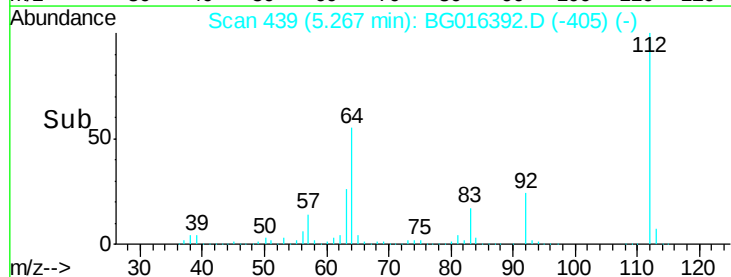
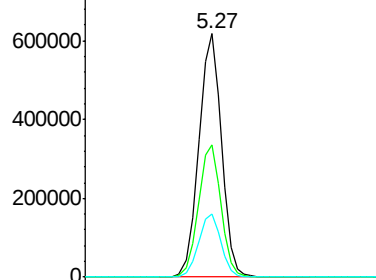
#5

2-Fluorophenol
Concen: 141.91 ng
RT: 5.27 min Scan# 439
Delta R.T. 0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

Tgt Ion:112 Resp: 889523
Ion Ratio Lower Upper
112 100
64 54.5 44.5 66.7
63 25.9 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: 131.74 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG016392.D

Acq: 14 Apr 2015 11:14

Instrument :

BNA_G

ClientSampleId :

LS-SD08B

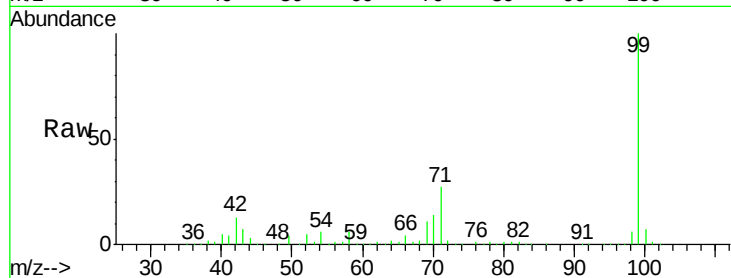
Tgt Ion: 99 Resp: 1239590

Ion Ratio Lower Upper

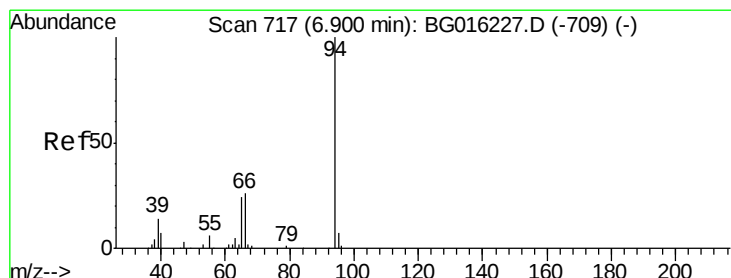
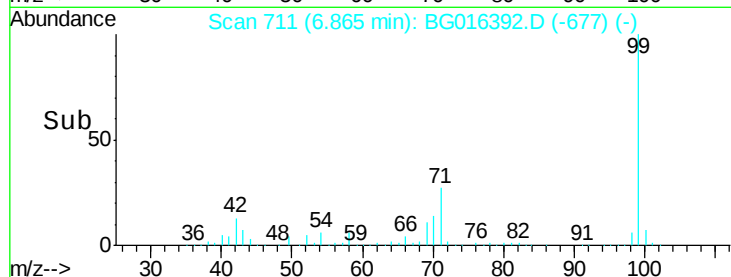
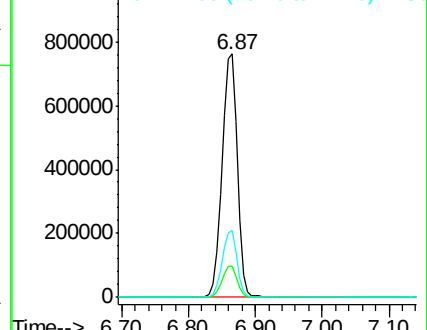
99 100

42 12.8 10.0 15.0

71 27.4 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: 2.63 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG016392.D

Acq: 14 Apr 2015 11:14

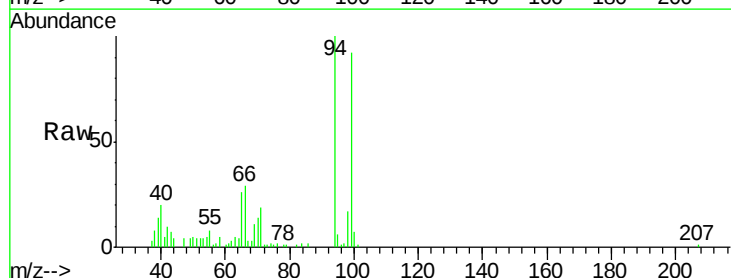
Tgt Ion: 94 Resp: 26520

Ion Ratio Lower Upper

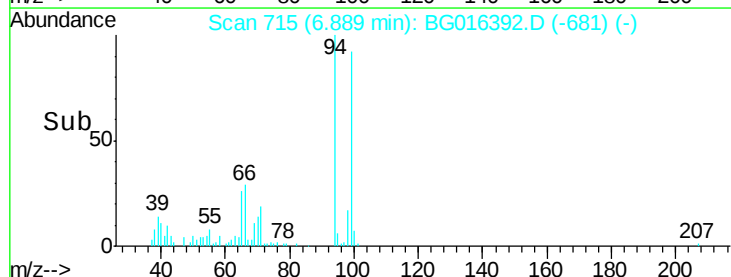
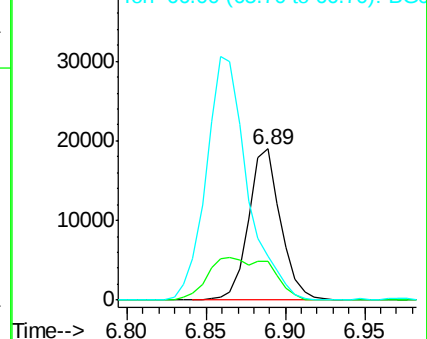
94 100

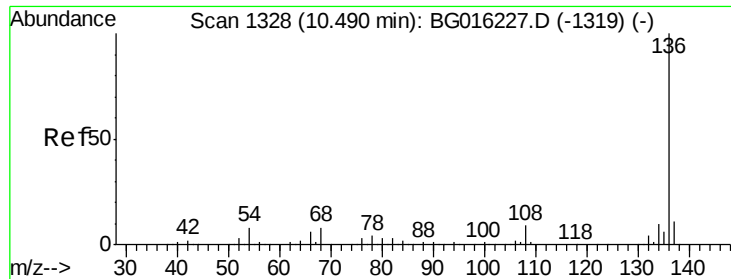
65 25.6 3.8 43.8

66 29.0 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

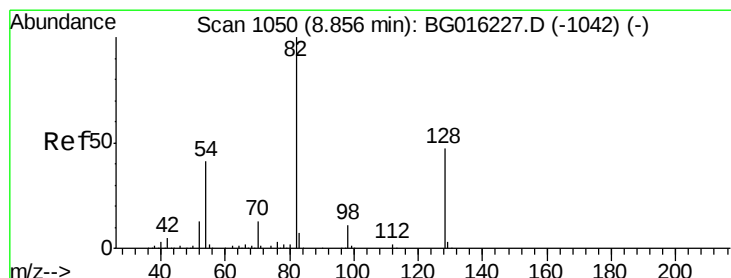
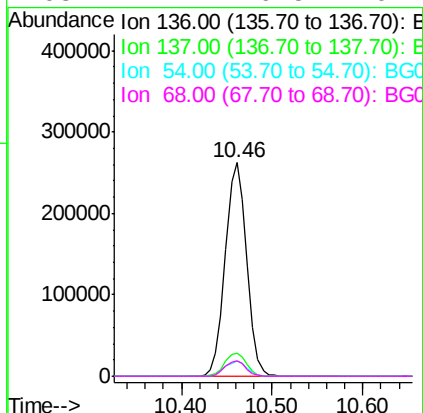
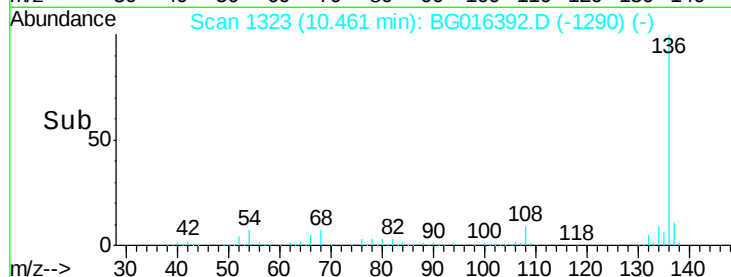
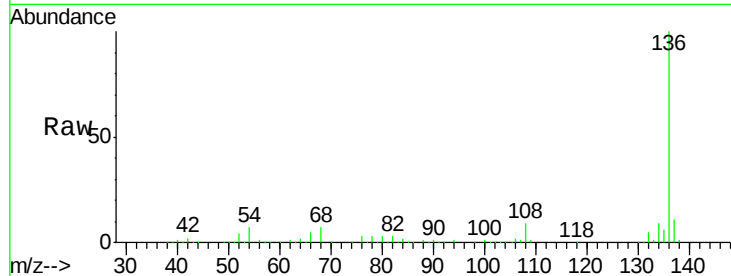




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

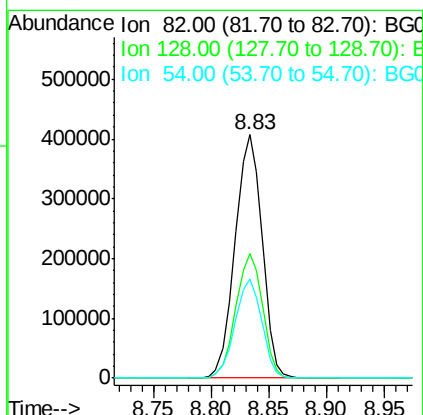
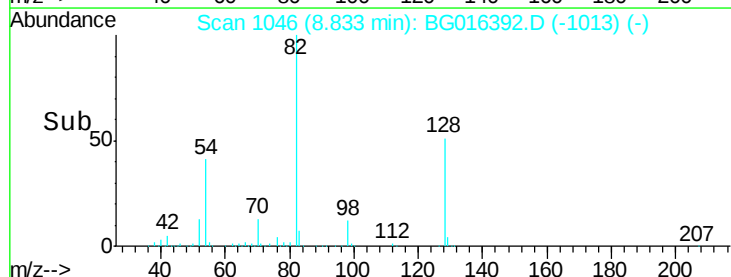
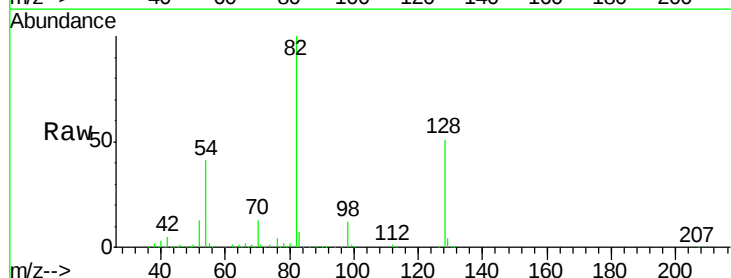
Instrument :
BNA_G
ClientSampleId :
LS-SD08B

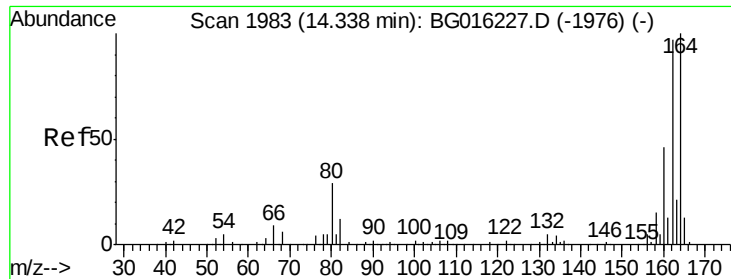
Tgt Ion:	136	Resp:	427805
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	6.3	9.5
68	7.1	6.5	9.7



#23
Nitrobenzene-d5
Concen: 89.34 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

Tgt Ion:	82	Resp:	659777
Ion	Ratio	Lower	Upper
82	100		
128	51.2	37.8	56.8
54	40.8	32.6	49.0

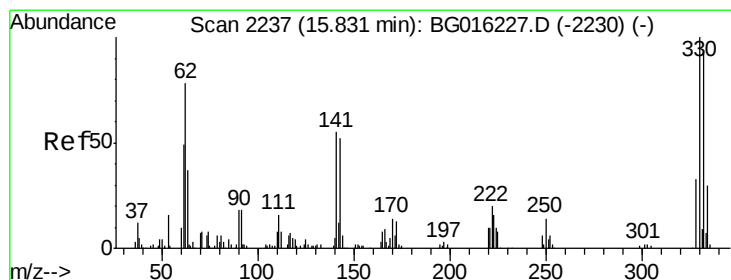
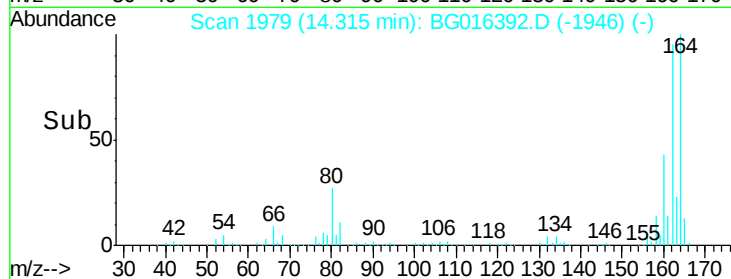
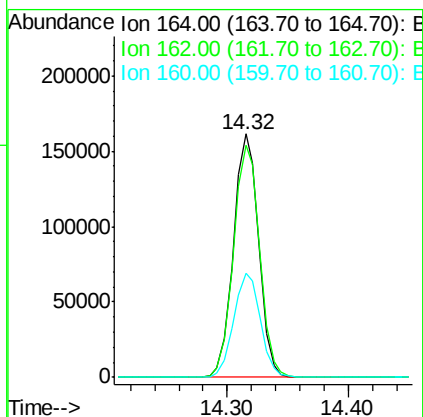
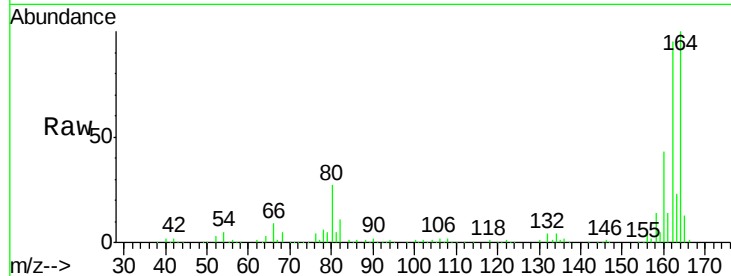




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

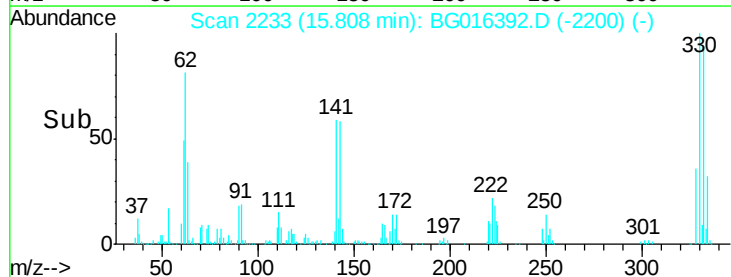
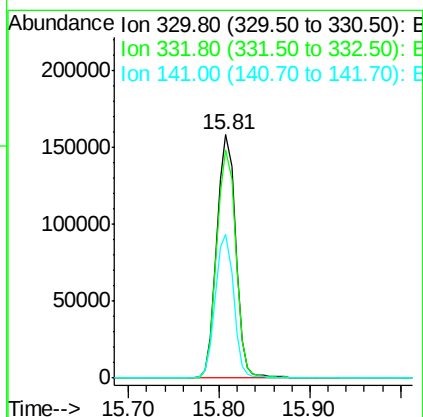
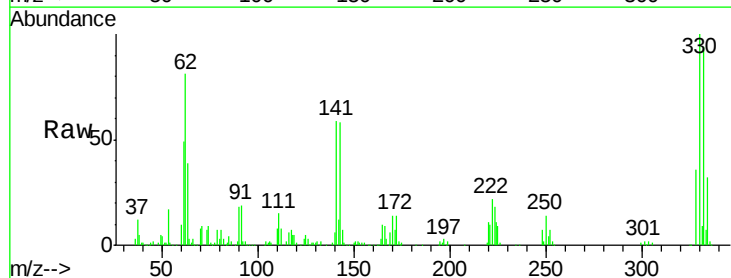
Instrument :
BNA_G
ClientSampleId :
LS-SD08B

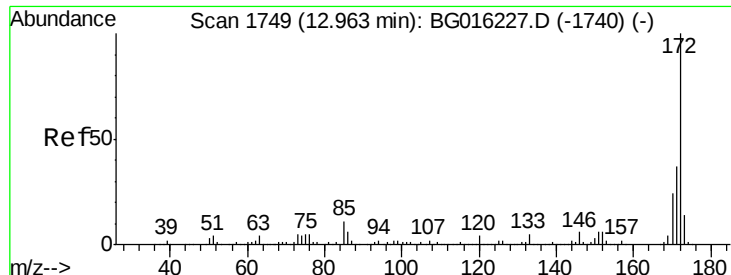
Tgt Ion:164 Resp: 233475
Ion Ratio Lower Upper
164 100
162 95.5 77.3 115.9
160 42.6 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 145.39 ng
RT: 15.81 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG016392.D
Acq: 14 Apr 2015 11:14

Tgt Ion:330 Resp: 229560
Ion Ratio Lower Upper
330 100
332 94.3 75.8 113.6
141 57.4 46.6 69.8

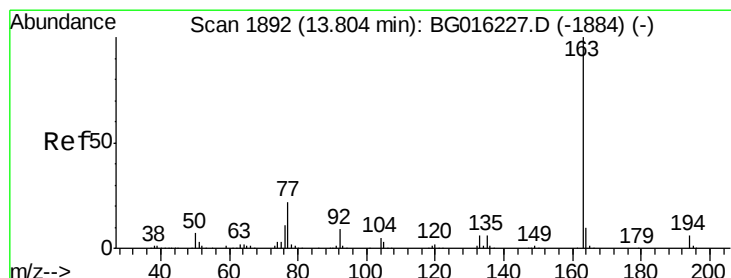
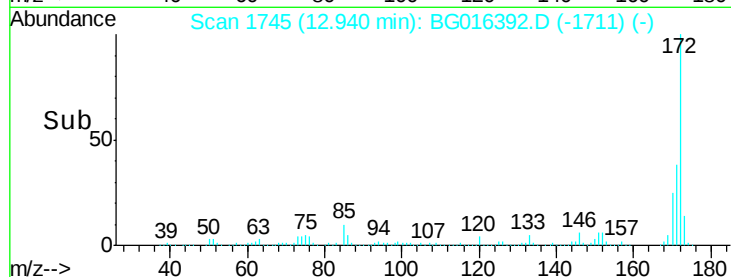
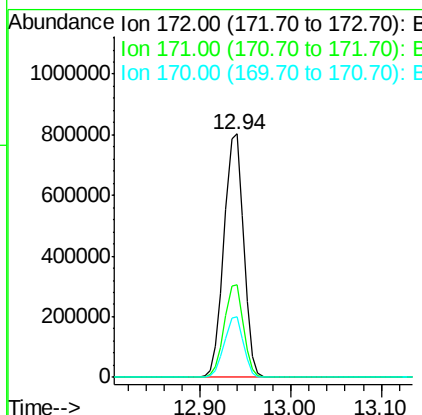
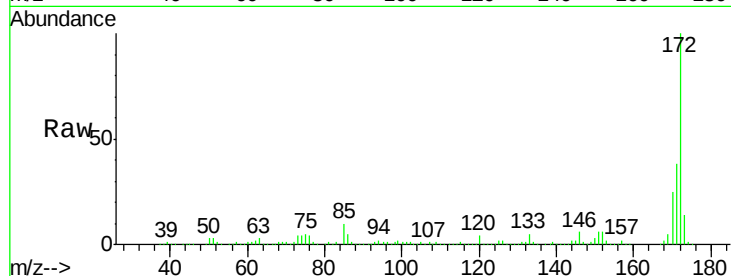




#44
 2-Fluorobiphenyl
 Concen: 88.20 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016392.D
 Acq: 14 Apr 2015 11:14

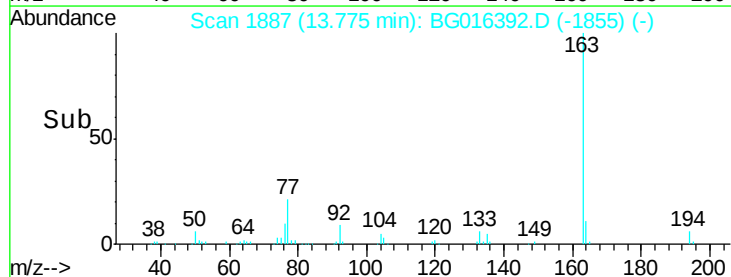
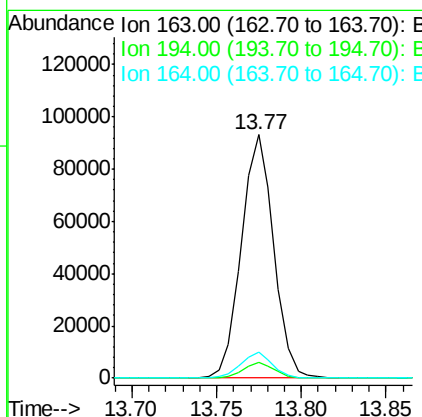
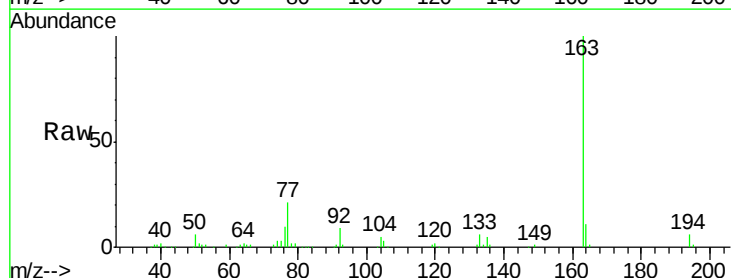
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD08B

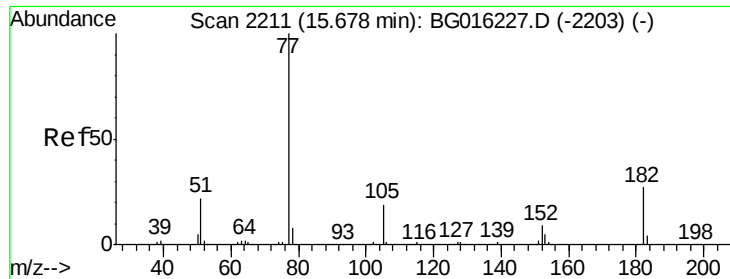
Tgt Ion:172 Resp: 1209506
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.6 44.4
 170 25.1 19.4 29.2



#49
 Dimethylphthalate
 Concen: 7.24 ng
 RT: 13.77 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG016392.D
 Acq: 14 Apr 2015 11:14

Tgt Ion:163 Resp: 123809
 Ion Ratio Lower Upper
 163 100
 194 6.3 5.0 7.4
 164 10.5 8.2 12.4





#62

Azobenzene

Concen: 5.98 ng

RT: 15.68 min Scan# 2211

Delta R.T. 0.03 min

Lab File: BG016392.D

Acq: 14 Apr 2015 11:14

Instrument :

BNA_G

ClientSampleId :

LS-SD08B

Tgt Ion: 77 Resp: 115872

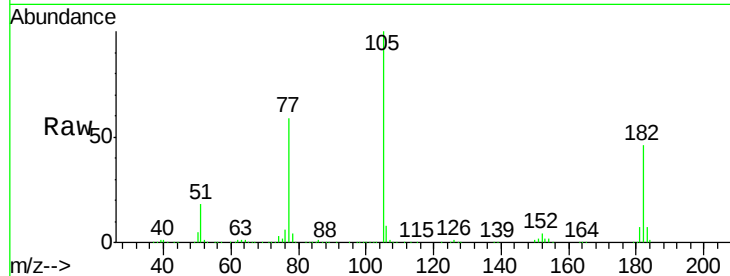
Ion Ratio Lower Upper

77 100

182 77.8 6.6 46.6#

105 170.6 0.0 39.2#

51 29.9 2.0 42.0

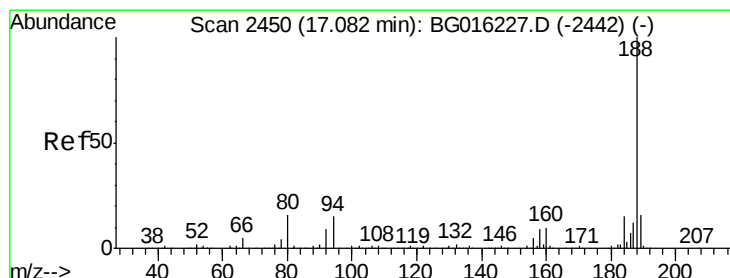
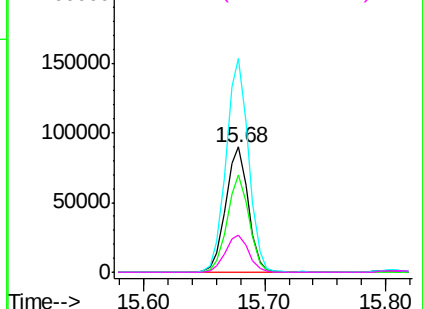
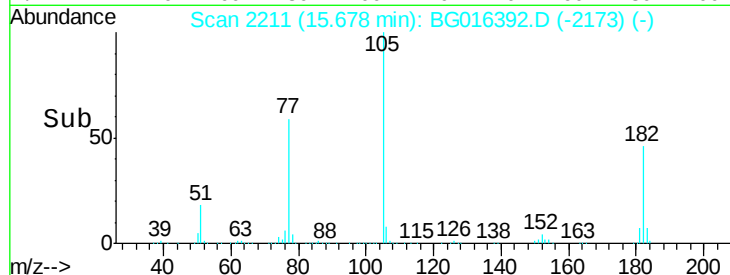


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG016392.D

Acq: 14 Apr 2015 11:14

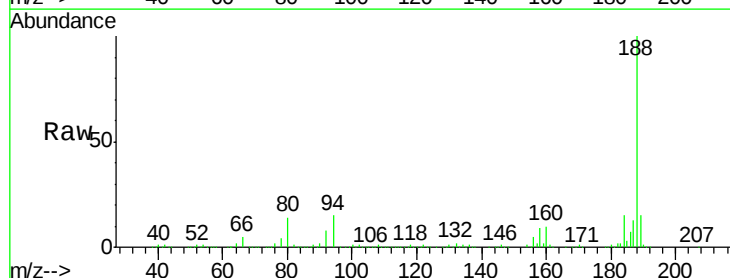
Tgt Ion: 188 Resp: 465067

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

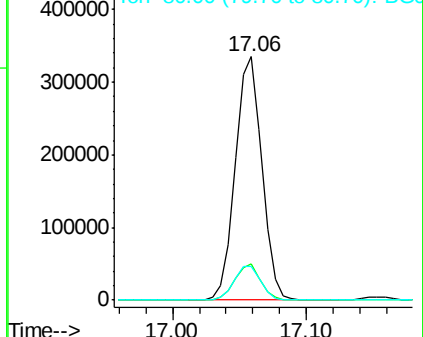
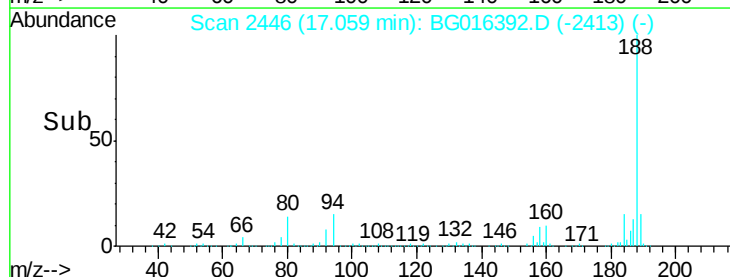
80 13.9 12.8 19.2

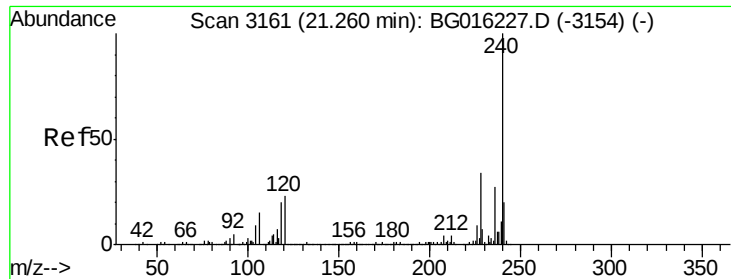


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG016392.D

Acq: 14 Apr 2015 11:14

Instrument :

BNA_G

ClientSampleId :

LS-SD08B

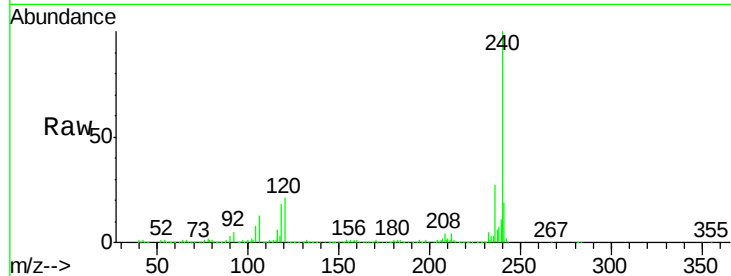
Tgt Ion:240 Resp: 419647

Ion Ratio Lower Upper

240 100

120 20.9 18.6 28.0

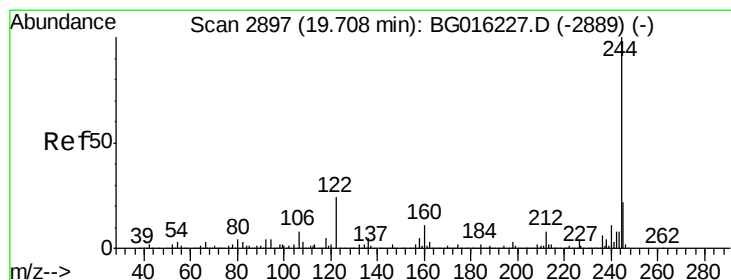
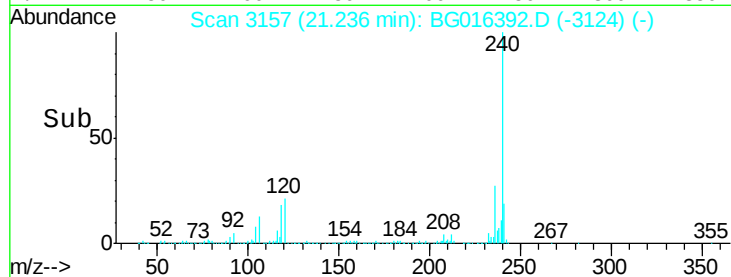
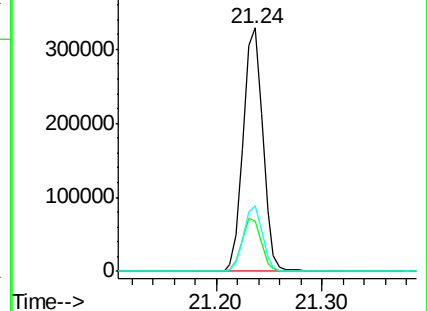
236 26.9 21.7 32.5



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: 75.84 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016392.D

Acq: 14 Apr 2015 11:14

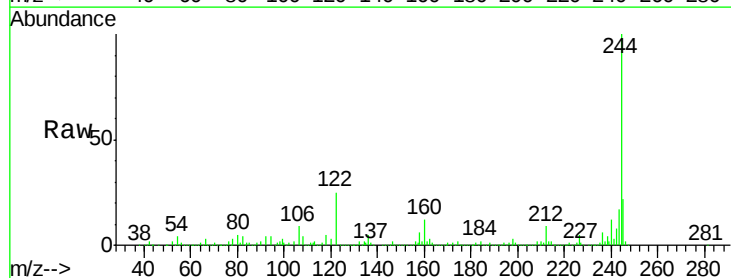
Tgt Ion:244 Resp: 1359772

Ion Ratio Lower Upper

244 100

212 9.1 6.6 9.8

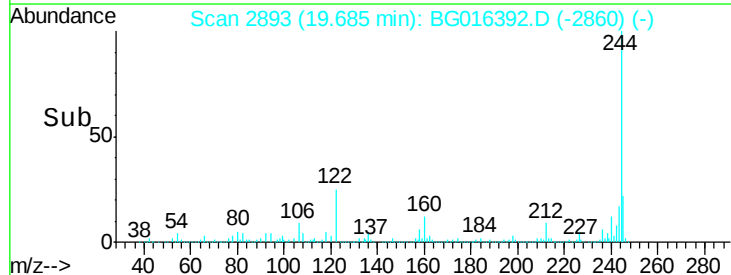
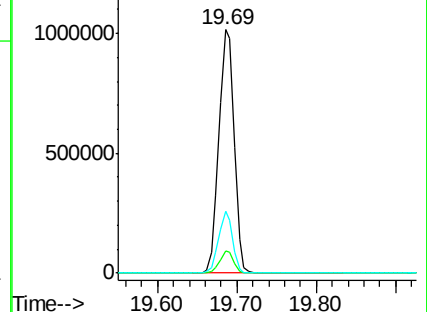
122 25.4 19.1 28.7

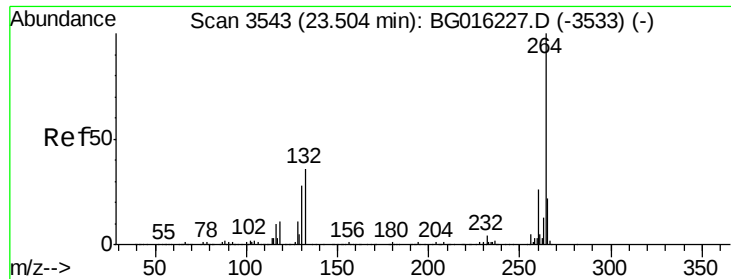


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG016392.D

Acq: 14 Apr 2015 11:14

Instrument :

BNA_G

ClientSampleId :

LS-SD08B

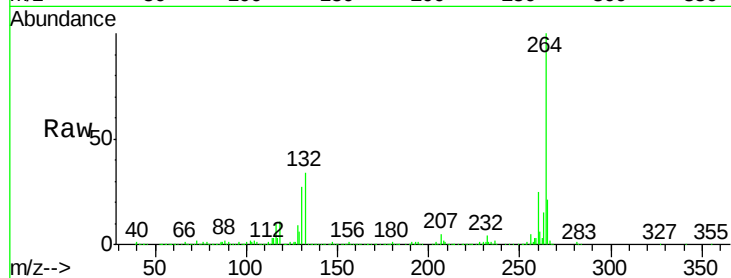
Tgt Ion: 264 Resp: 392504

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.5 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

