

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016807.D
 Acq On : 29 Apr 2015 20:05
 Operator : TP/IZ
 Sample : G2003-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19(54-55)

Quant Time: Apr 30 02:17:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:01:08 2015
 Response via : Initial Calibration

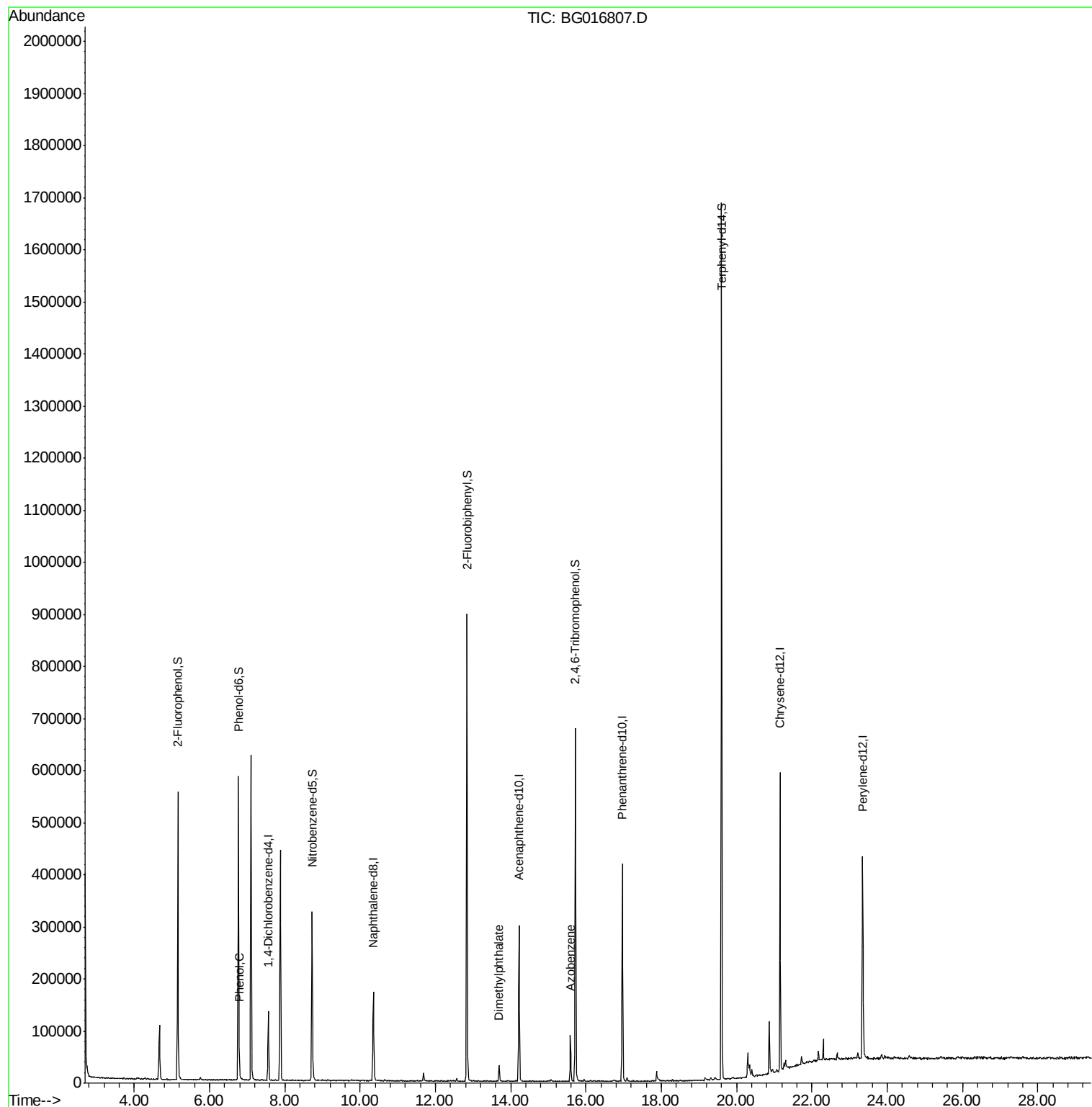
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	38735	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	164954	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	105141	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	241141	20.00	ng	0.00
75) Chrysene-d12	21.16	240	231961	20.00	ng	0.00
86) Perylene-d12	23.35	264	216964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	290120	137.97	ng	0.00
7) Phenol-d6	6.77	99	398521	135.02	ng	0.00
23) Nitrobenzene-d5	8.72	82	190938	75.40	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	102593	131.02	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	469932	69.20	ng	0.00
78) Terphenyl-d14	19.60	244	643603	66.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.80	94	11529	3.81	ng	95
49) Dimethylphthalate	13.69	163	26743	3.55	ng	99
62) Azobenzene	15.59	77	23672	3.67	ng	# 1

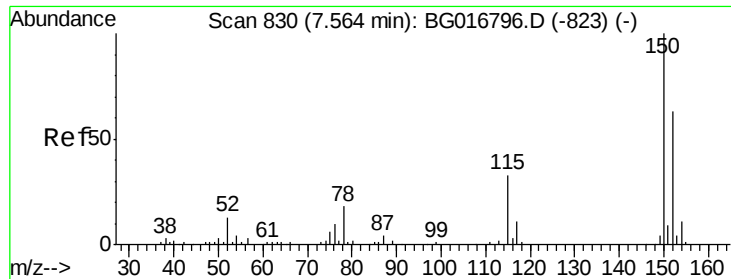
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

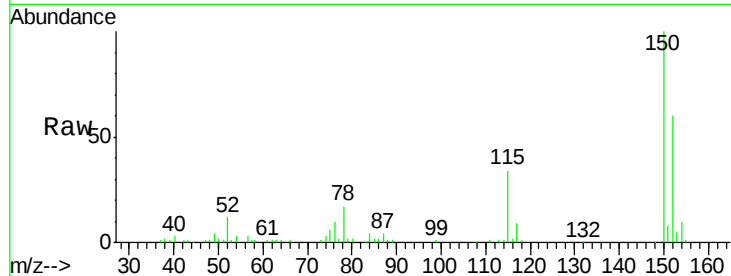
Tgt Ion:152 Resp: 38735

Ion Ratio Lower Upper

152 100

150 165.5 126.2 189.4

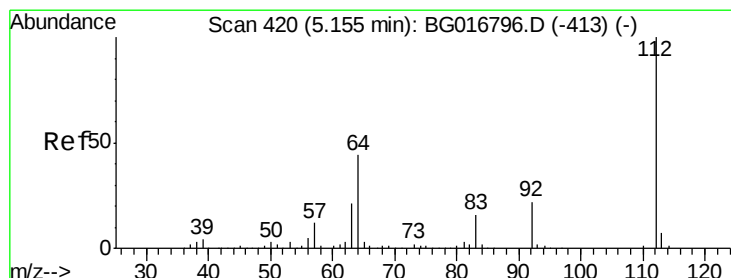
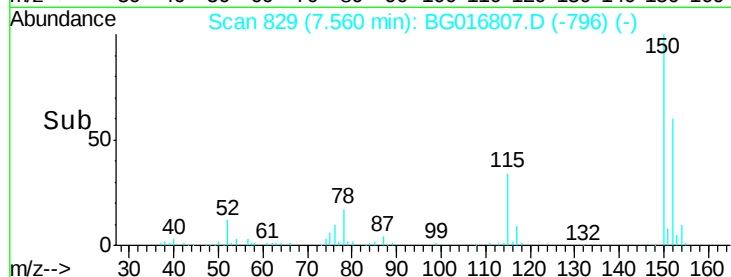
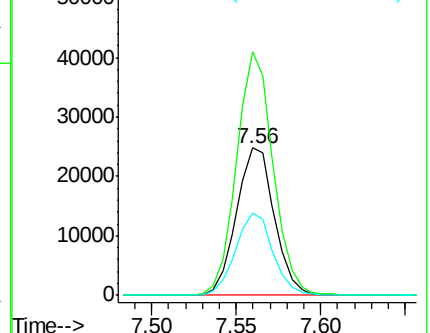
115 56.1 41.1 61.7



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: 137.97 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

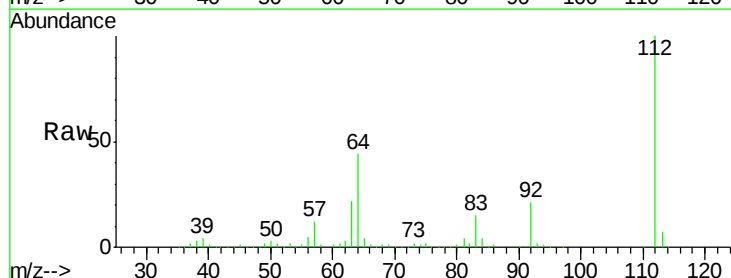
Tgt Ion:112 Resp: 290120

Ion Ratio Lower Upper

112 100

64 44.1 35.5 53.3

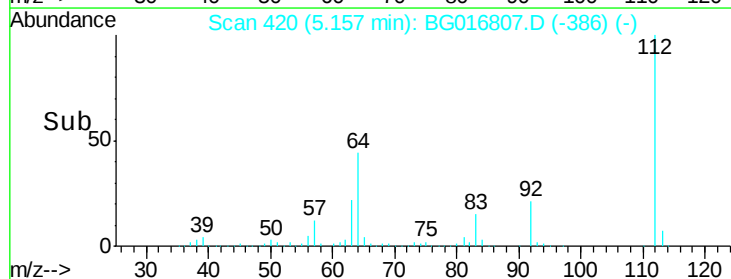
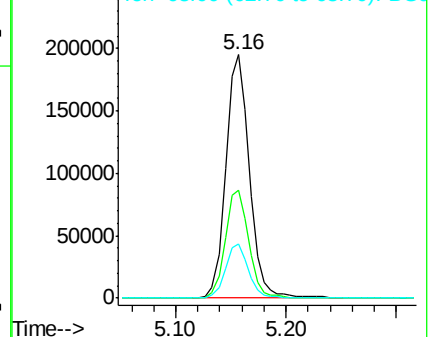
63 22.4 17.2 25.8

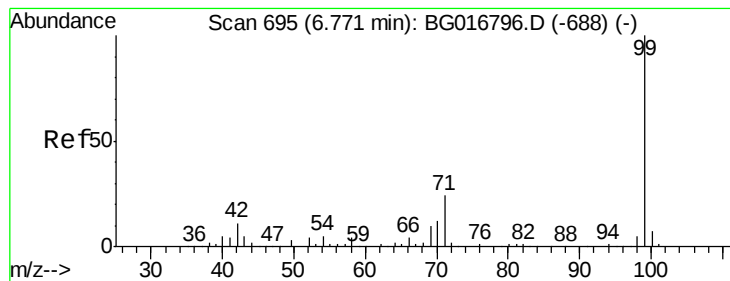


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.02 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

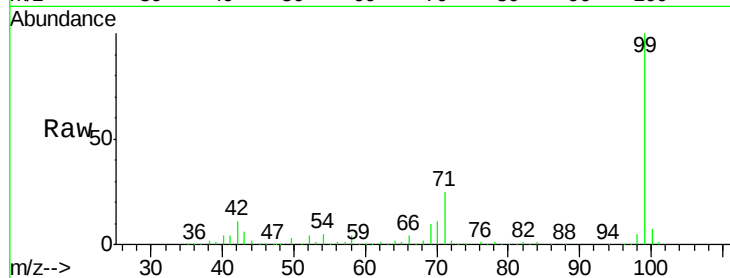
Tgt Ion: 99 Resp: 398521

Ion Ratio Lower Upper

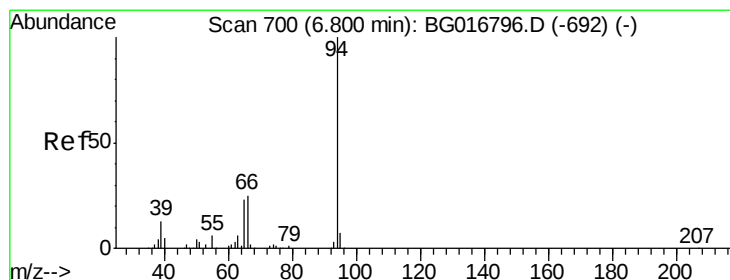
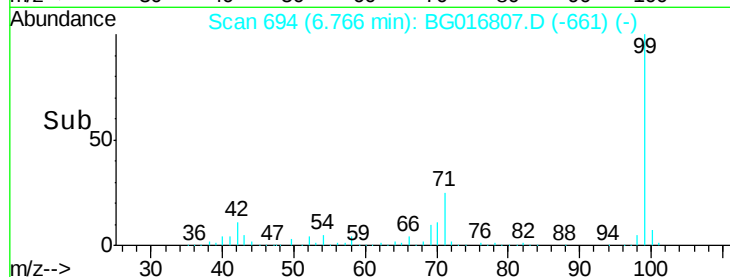
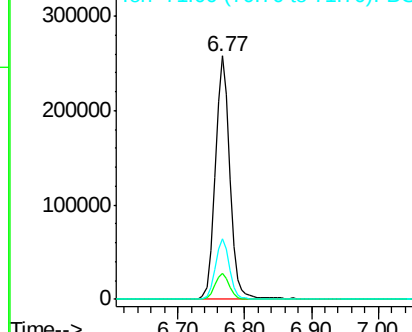
99 100

42 10.9 8.9 13.3

71 24.9 19.0 28.6



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: 3.81 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

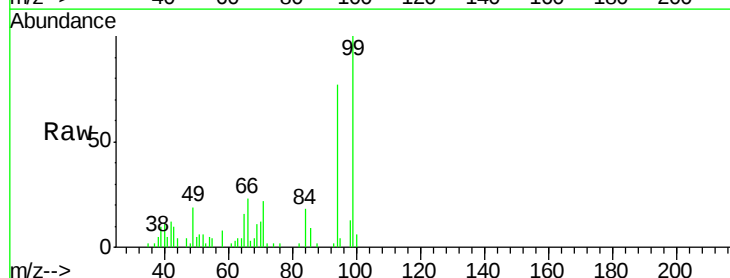
Tgt Ion: 94 Resp: 11529

Ion Ratio Lower Upper

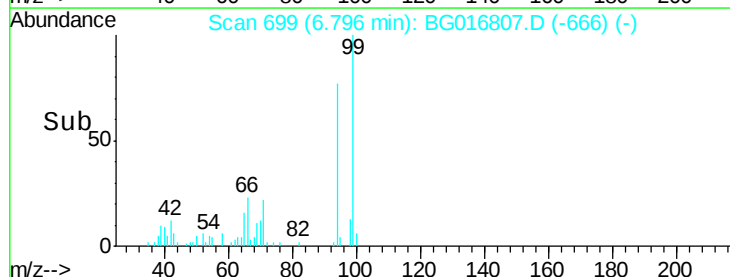
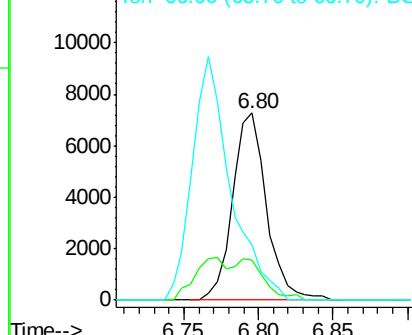
94 100

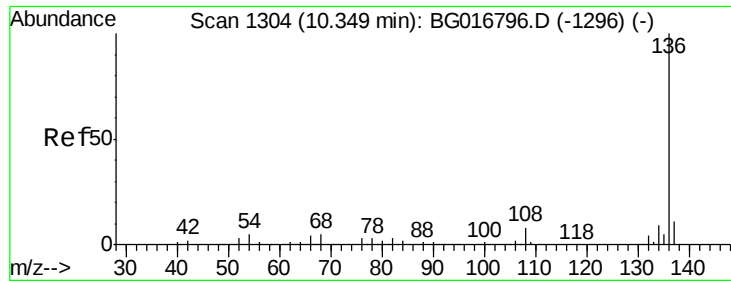
65 21.2 3.0 43.0

66 29.4 6.3 46.3



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

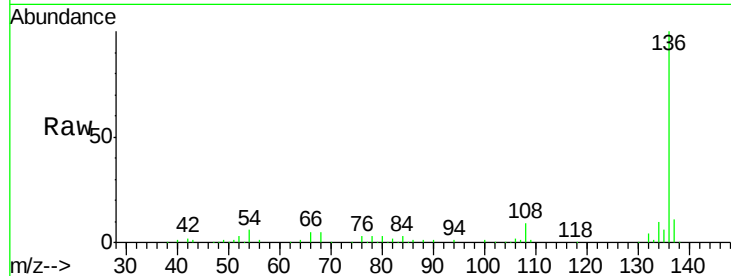




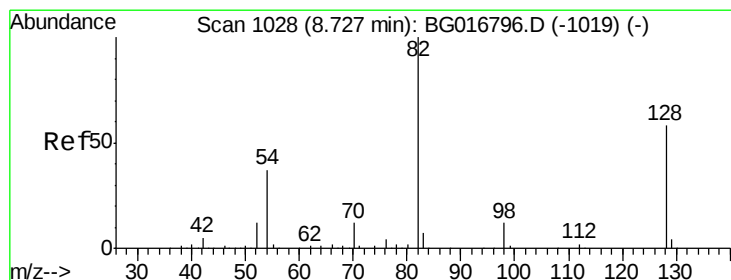
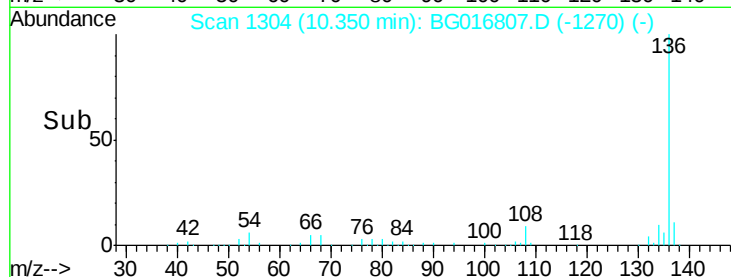
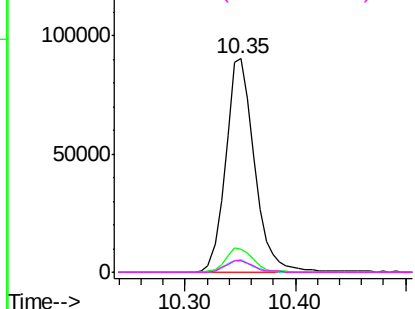
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

Tgt Ion:	136	Resp:	164954
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.7	4.3	6.5
68	5.3	4.3	6.5

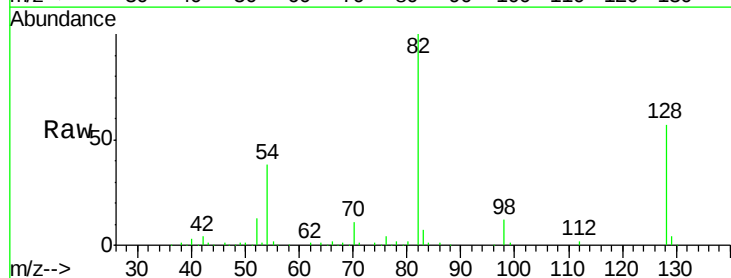


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

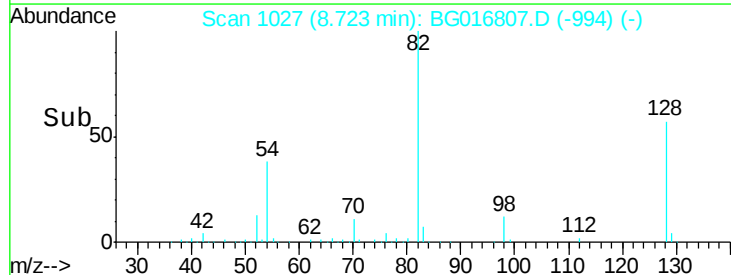
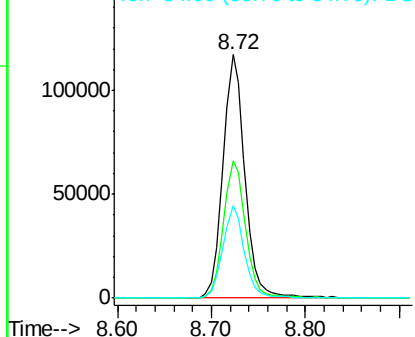


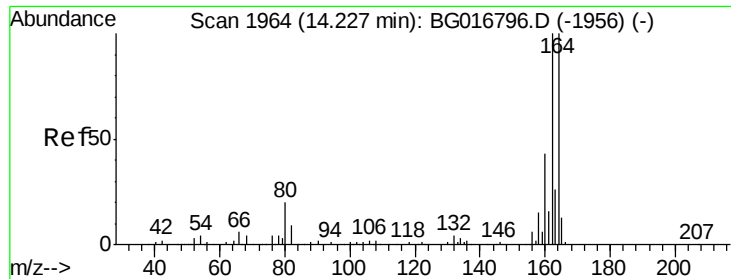
#23
Nitrobenzene-d5
Concen: 75.40 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion:	82	Resp:	190938
Ion	Ratio	Lower	Upper
82	100		
128	56.6	46.3	69.5
54	37.8	30.0	45.0



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: 14.22 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

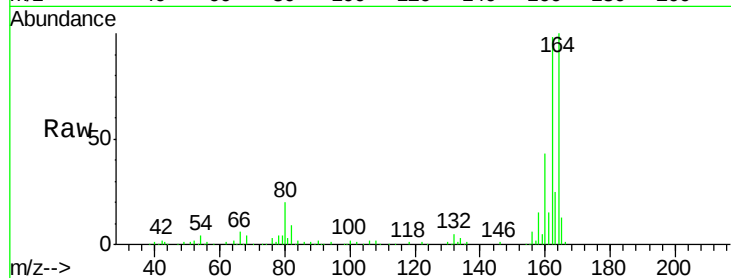
Tgt Ion:164 Resp: 105141

Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.4

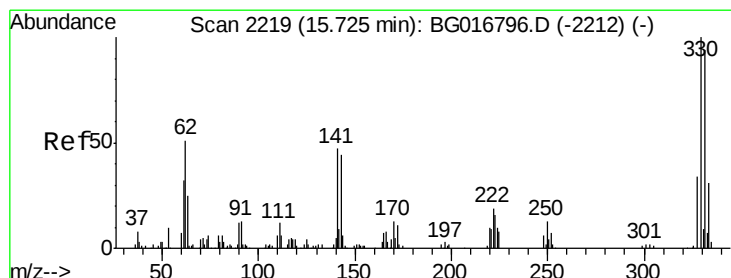
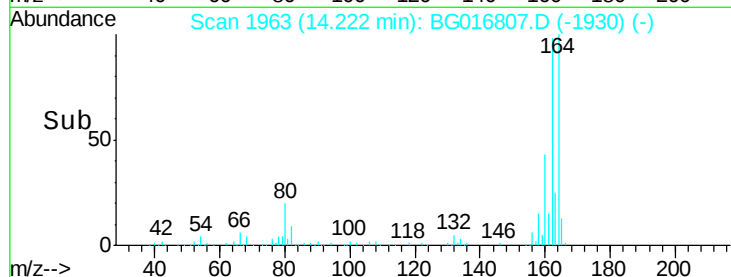
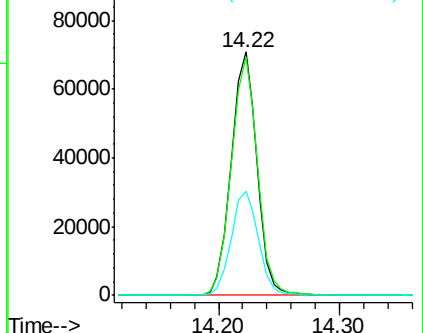
160 42.6 34.8 52.2



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: 131.02 ng

RT: 15.72 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

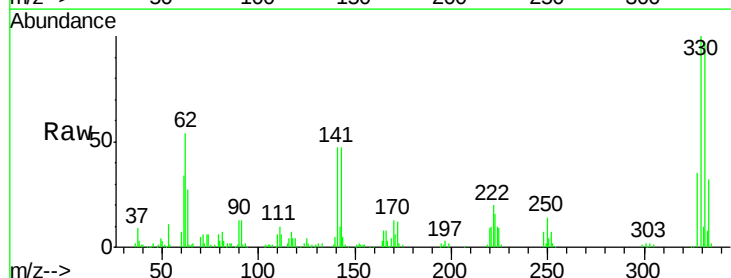
Tgt Ion:330 Resp: 102593

Ion Ratio Lower Upper

330 100

332 96.8 75.3 112.9

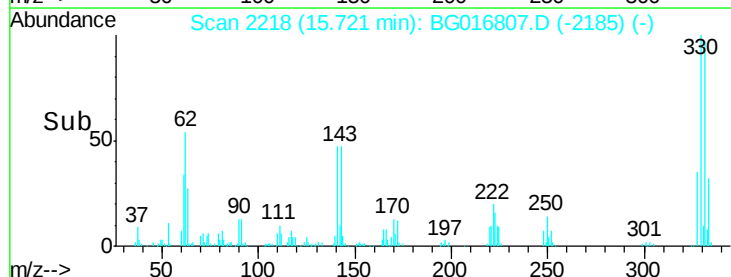
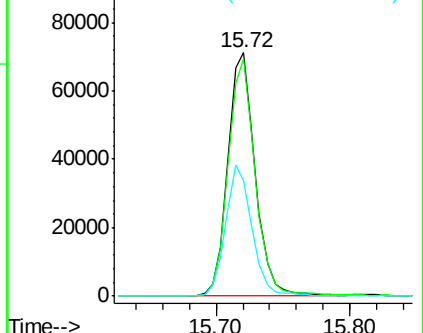
141 51.7 40.7 61.1

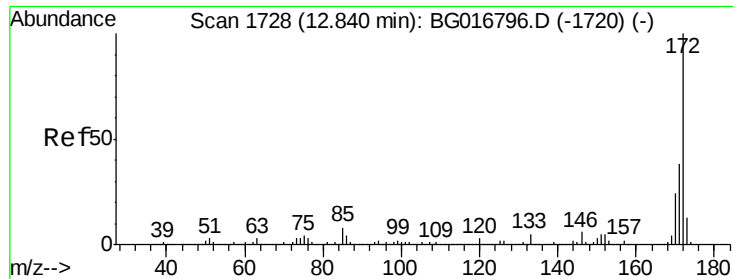


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

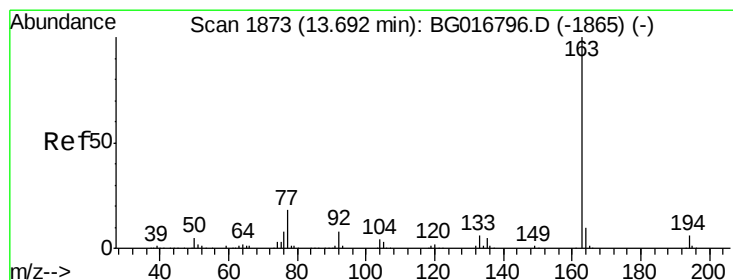
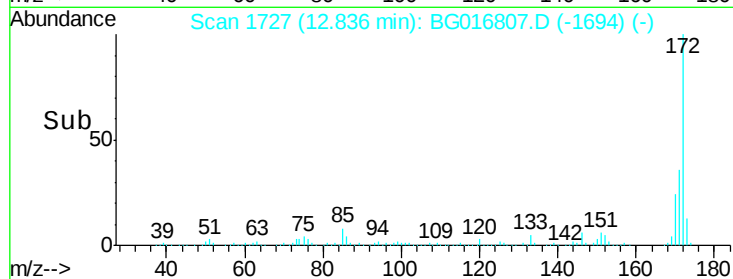
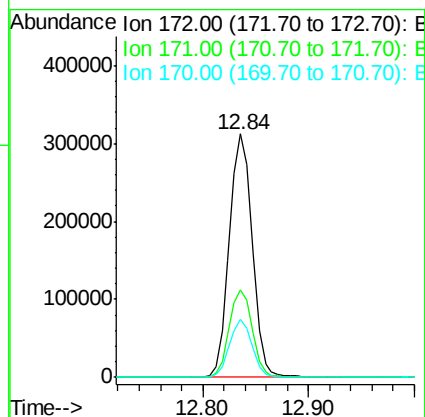
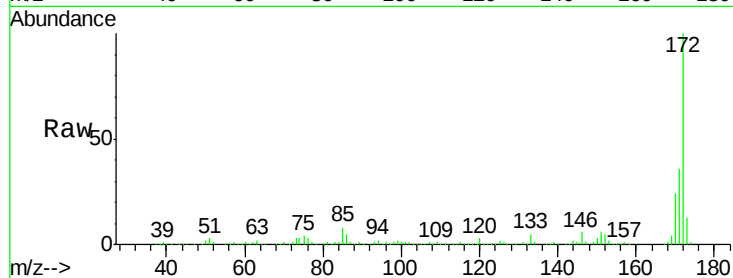




#44
2-Fluorobiphenyl
Concen: 69.20 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

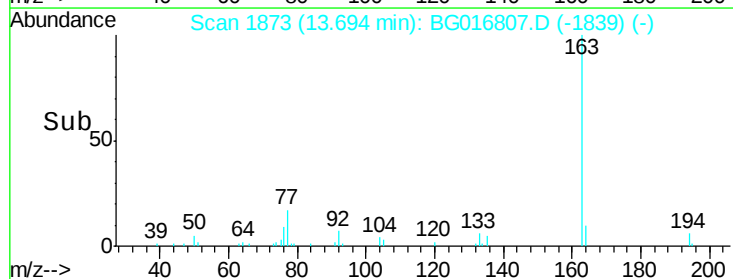
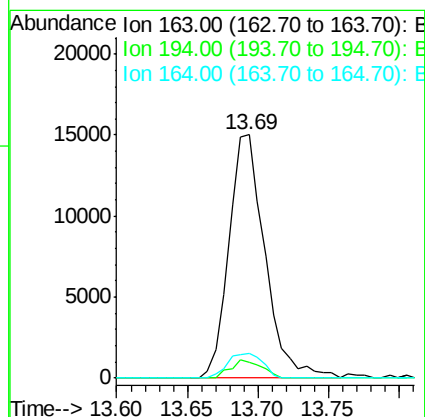
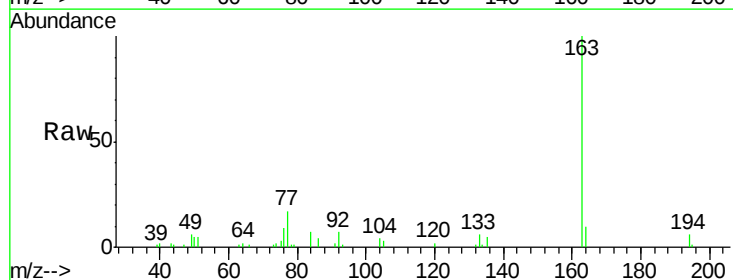
Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

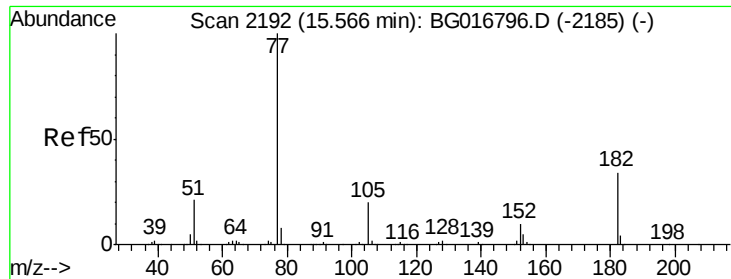
Tgt Ion:172 Resp: 469932
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.4
170 23.8 19.4 29.0



#49
Dimethylphthalate
Concen: 3.55 ng
RT: 13.69 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion:163 Resp: 26743
Ion Ratio Lower Upper
163 100
194 6.4 4.7 7.1
164 10.3 8.2 12.2





#62

Azobenzene

Concen: 3.67 ng

RT: 15.59 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

Tgt Ion: 77 Resp: 23672

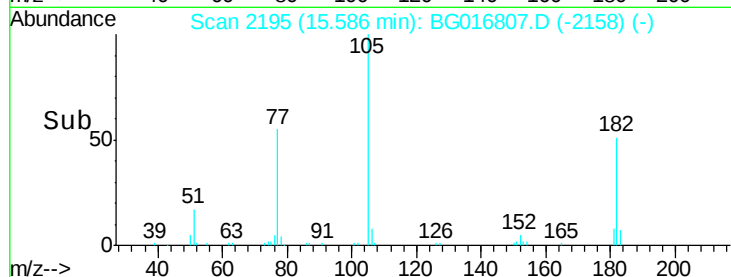
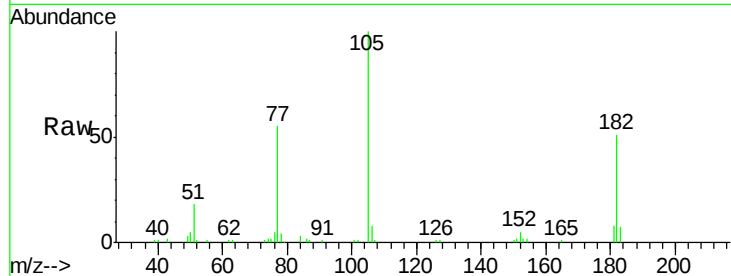
Ion Ratio Lower Upper

77 100

182 92.8 13.6 53.6#

105 182.5 0.0 39.9#

51 32.2 1.1 41.1

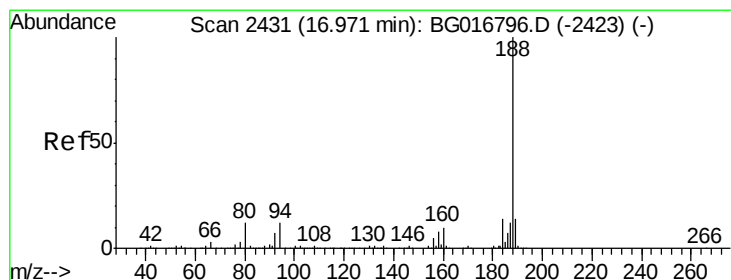
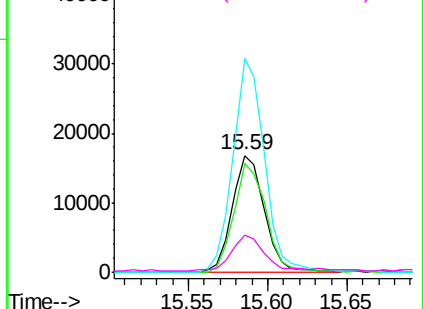


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 16.97 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

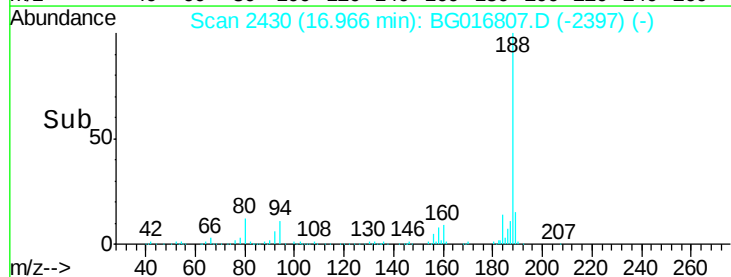
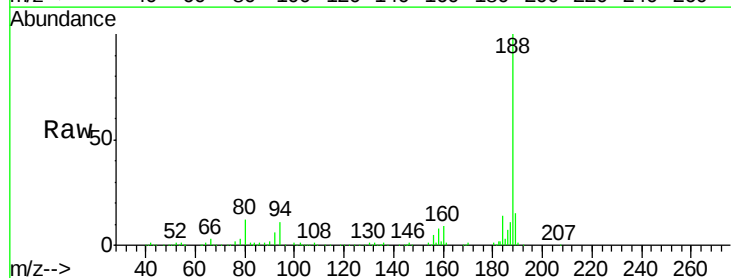
Tgt Ion: 188 Resp: 241141

Ion Ratio Lower Upper

188 100

94 11.4 9.5 14.3

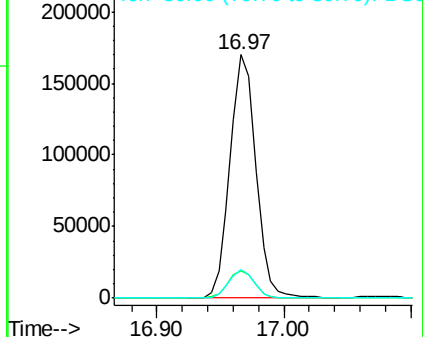
80 11.8 9.2 13.8

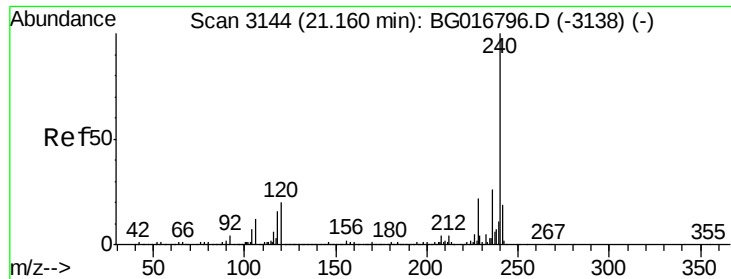


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

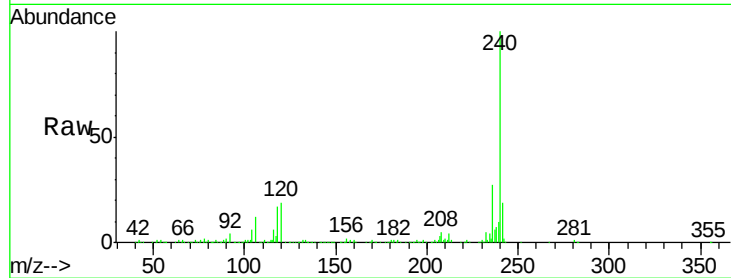
Tgt Ion:240 Resp: 231961

Ion Ratio Lower Upper

240 100

120 18.8 16.1 24.1

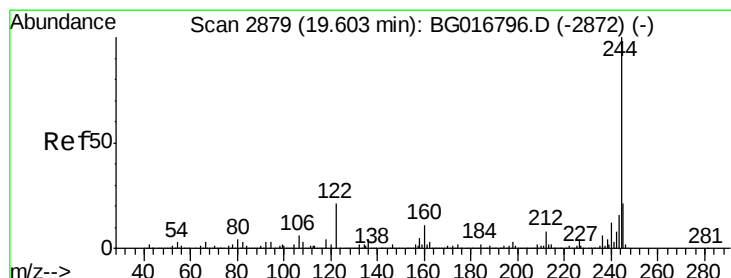
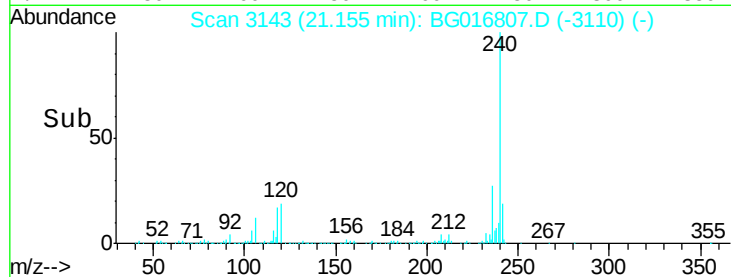
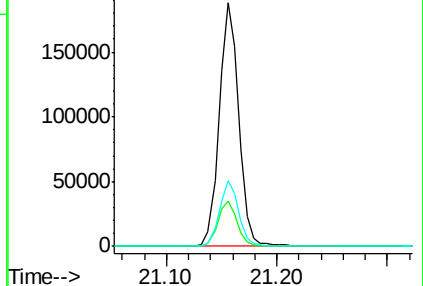
236 26.7 21.0 31.6



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: 66.93 ng

RT: 19.60 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

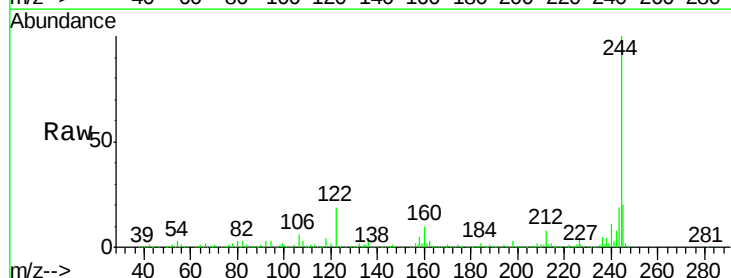
Tgt Ion:244 Resp: 643603

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

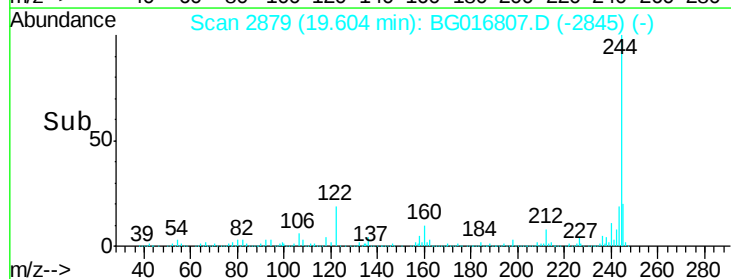
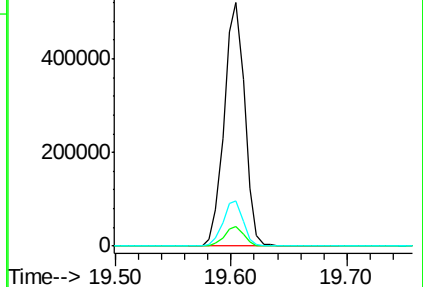
122 18.5 16.4 24.6

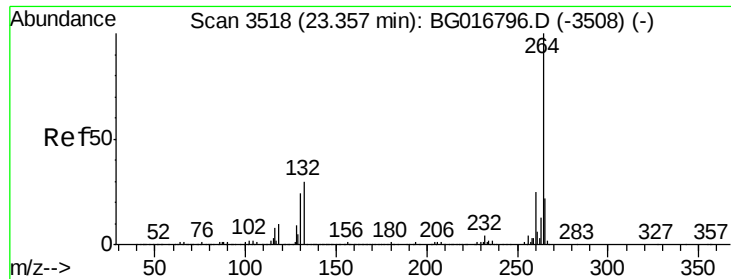


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

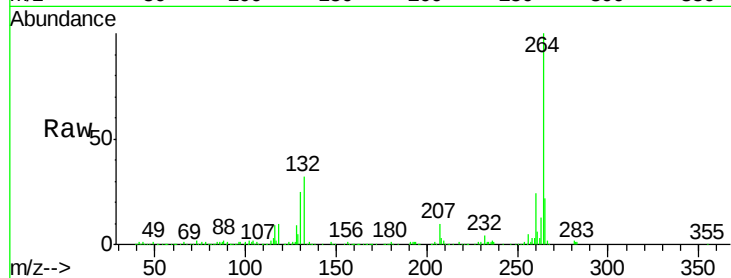




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.3	17.4	26.2



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

