

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040815\
 Data File : BG016282.D
 Acq On : 8 Apr 2015 19:10
 Operator : TP/IZ
 Sample : G1794-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13

Quant Time: Apr 09 02:45:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

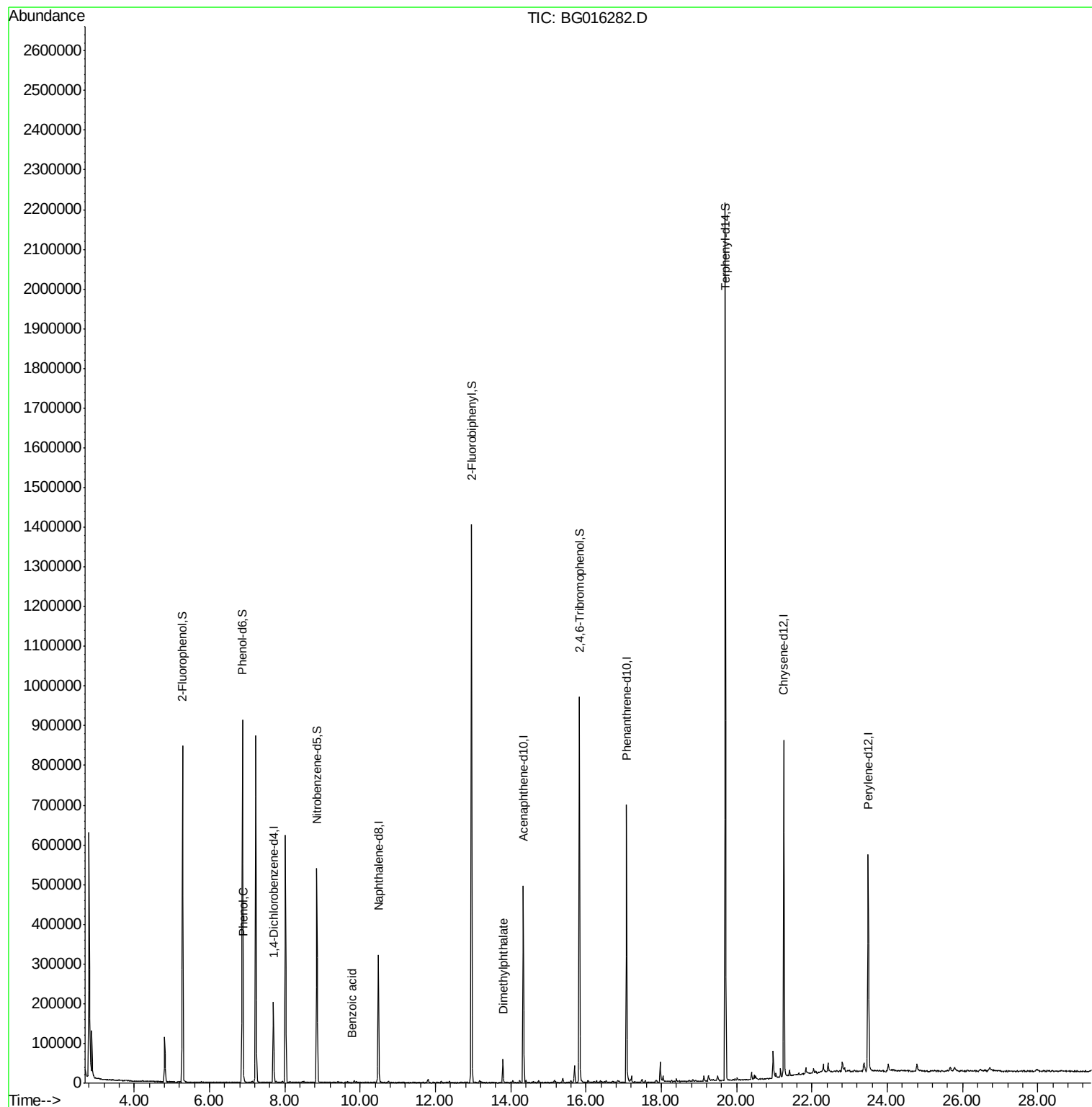
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	55544	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	263652	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	164671	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	358566	20.00	ng	0.00
75) Chrysene-d12	21.25	240	326942	20.00	ng	0.00
86) Perylene-d12	23.50	264	298317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	389386	110.64	ng	0.00
7) Phenol-d6	6.87	99	589968	111.67	ng	0.00
23) Nitrobenzene-d5	8.85	82	305412	67.11	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	132228	118.73	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	673559	69.64	ng	0.00
78) Terphenyl-d14	19.70	244	833258	59.65	ng	0.00
Target Compounds						
10) Phenol	6.89	94	21807	3.86	ng	Qvalue 92
32) Benzoic acid	9.79	122	110	8.77	ng	# 1
49) Dimethylphthalate	13.79	163	38581	3.20	ng	97

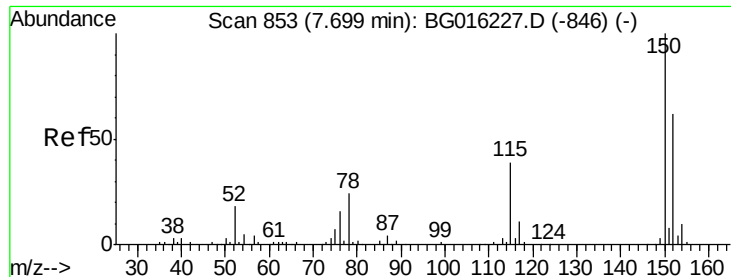
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 09 02:28:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13

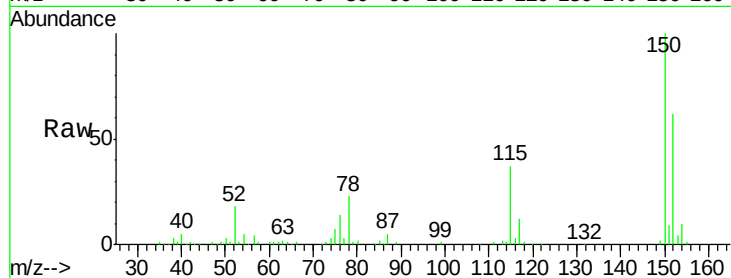
Tgt Ion:152 Resp: 55544

Ion Ratio Lower Upper

152 100

150 160.4 130.1 195.1

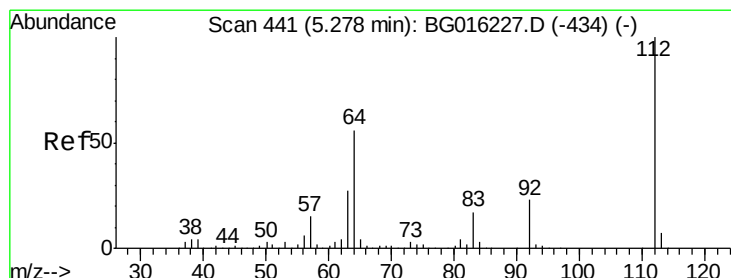
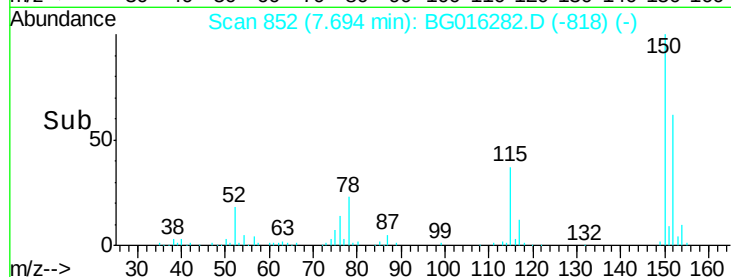
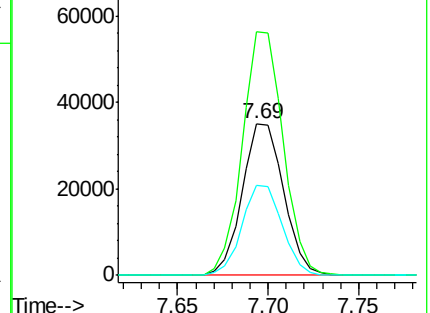
115 59.1 50.5 75.7



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: 110.64 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

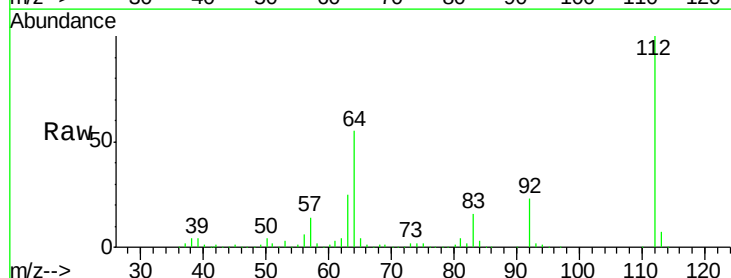
Tgt Ion:112 Resp: 389386

Ion Ratio Lower Upper

112 100

64 54.6 44.5 66.7

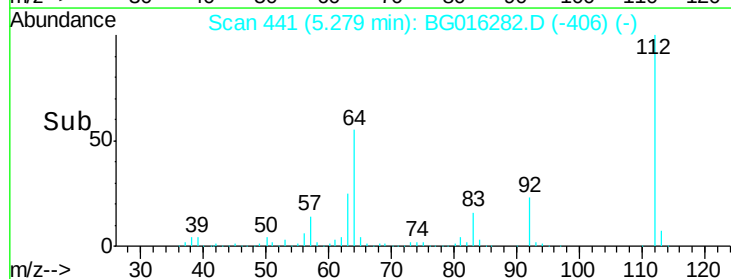
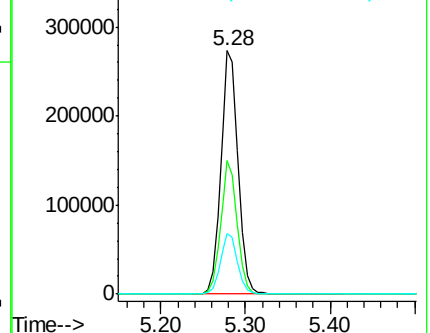
63 24.7 21.4 32.0

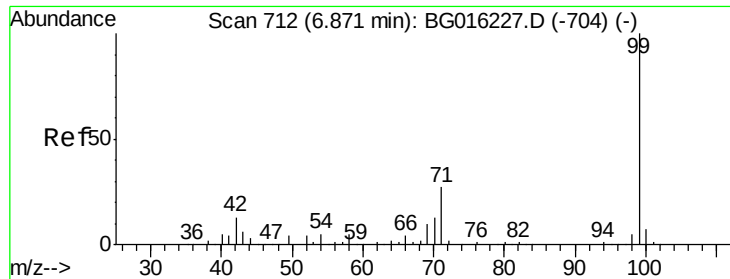


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.67 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13

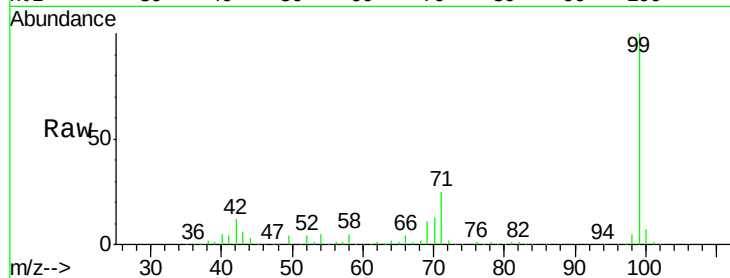
Tgt Ion: 99 Resp: 589968

Ion Ratio Lower Upper

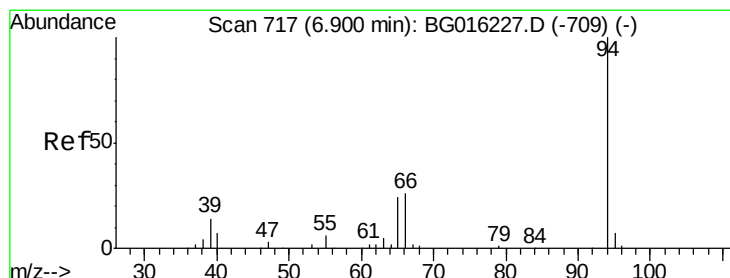
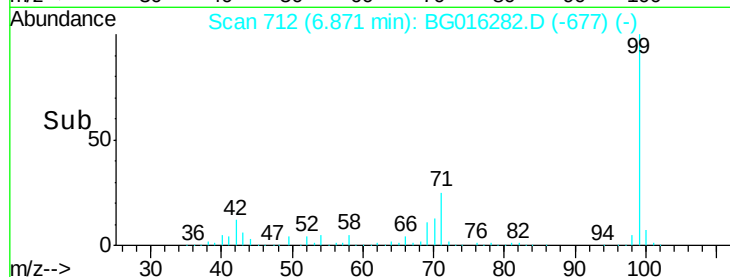
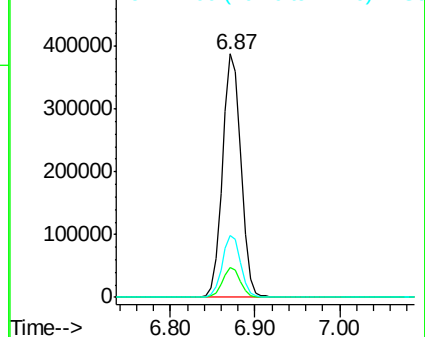
99 100

42 12.2 10.0 15.0

71 25.3 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: 3.86 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

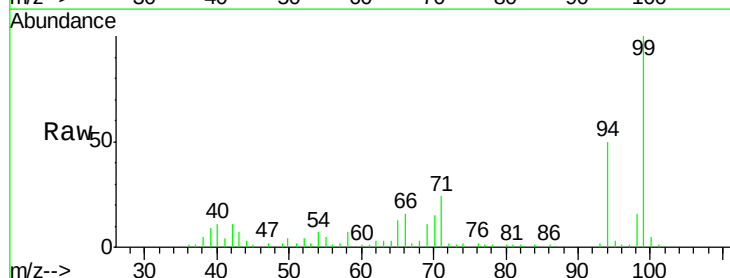
Tgt Ion: 94 Resp: 21807

Ion Ratio Lower Upper

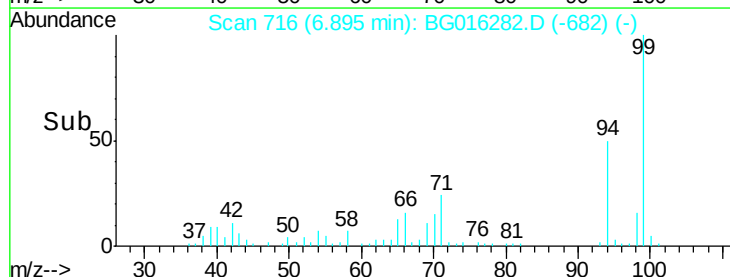
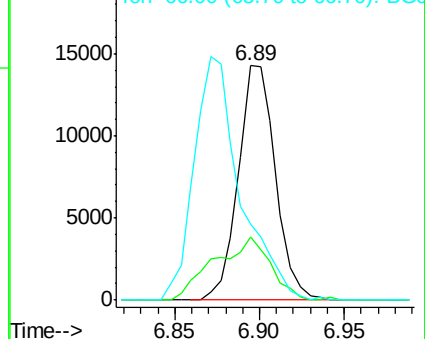
94 100

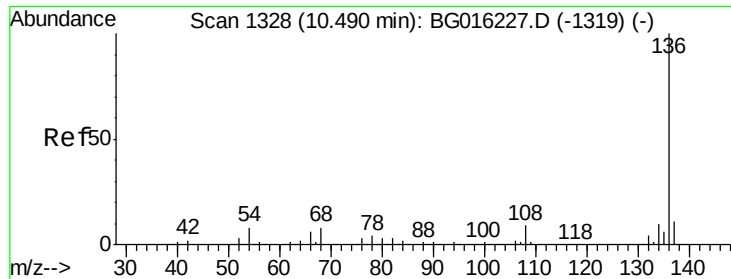
65 26.7 3.8 43.8

66 32.6 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

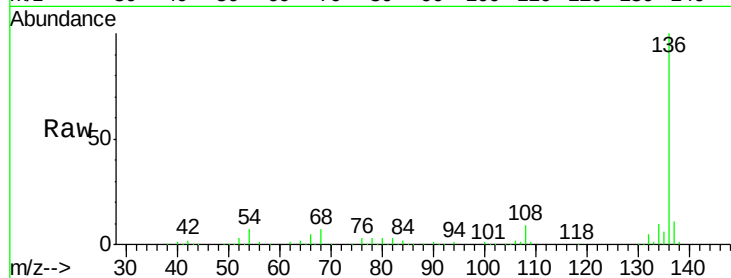




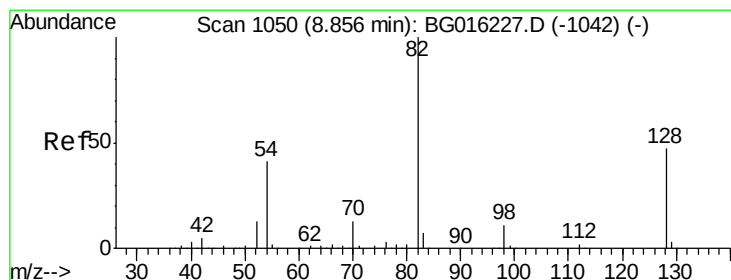
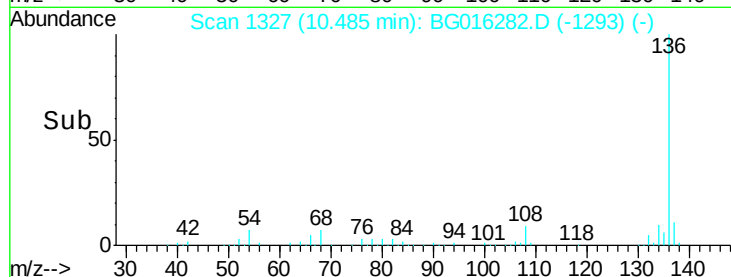
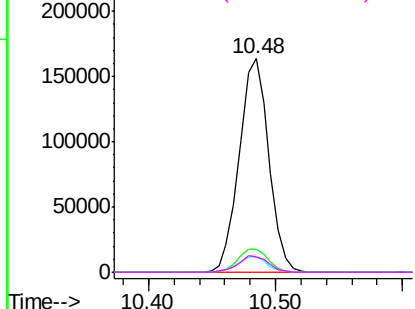
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016282.D
Acq: 8 Apr 2015 19:10

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13

Tgt Ion:	136	Resp:	263652
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	6.3	9.5
68	6.9	6.5	9.7

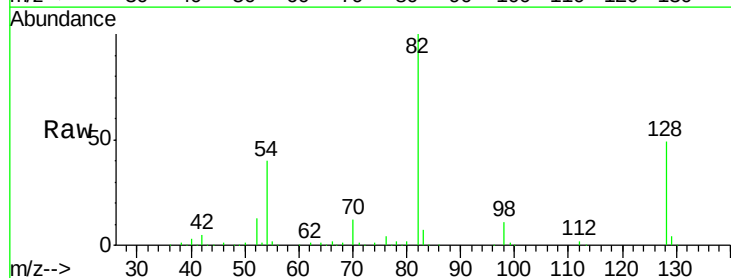


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

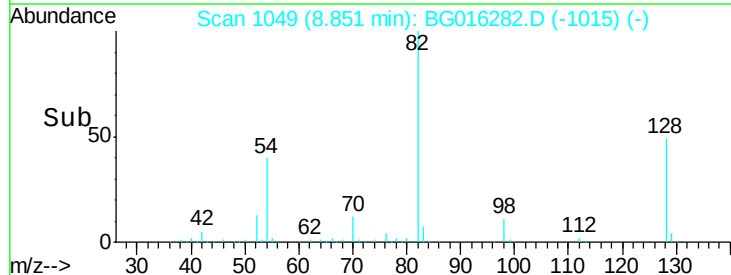
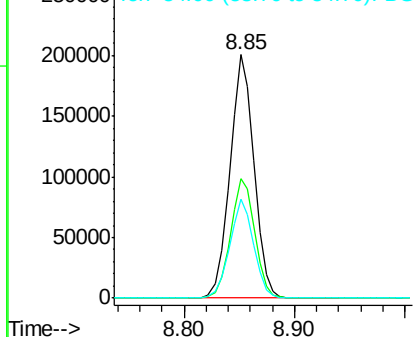


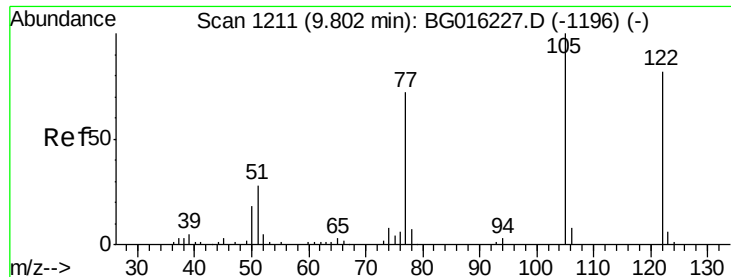
#23
Nitrobenzene-d5
Concen: 67.11 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016282.D
Acq: 8 Apr 2015 19:10

Tgt Ion:	82	Resp:	305412
Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.8	56.8
54	40.5	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





#32

Benzoic acid

Concen: 8.77 ng

RT: 9.79 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13

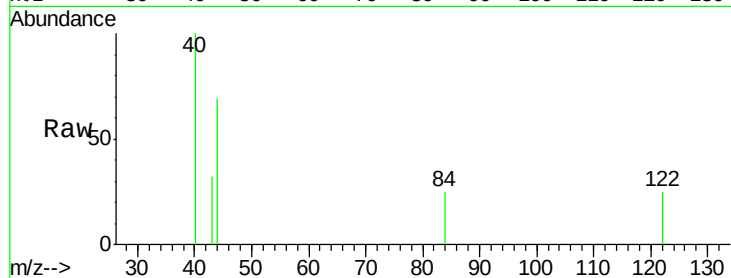
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 99.7 139.7#

77 0.0 66.8 106.8#



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): BGC

250

200

150

100

50

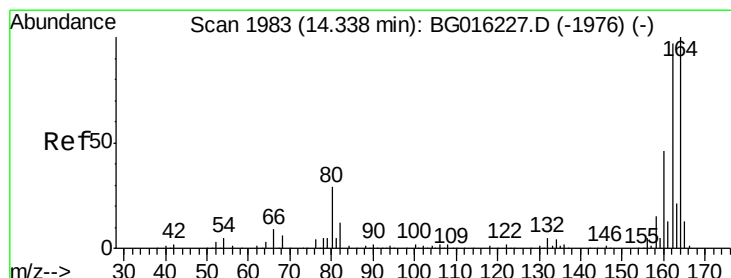
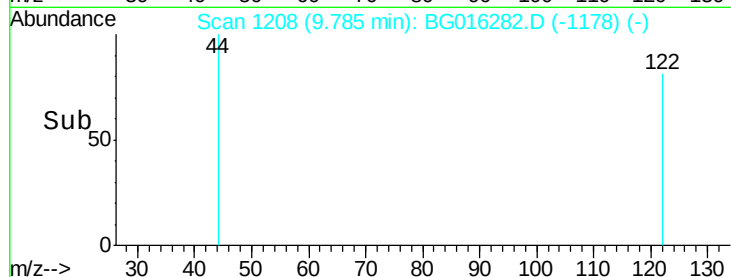
0

9.76

9.78

9.80

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

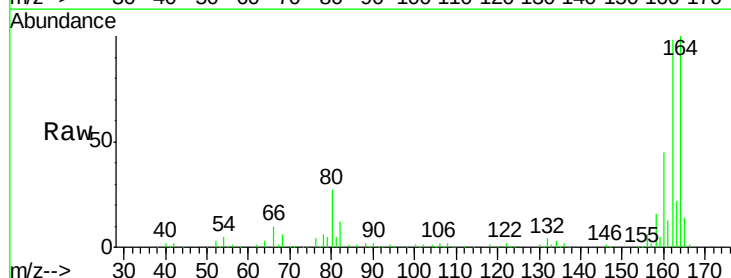
Tgt Ion:164 Resp: 164671

Ion Ratio Lower Upper

164 100

162 98.0 77.3 115.9

160 44.7 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

150000

100000

50000

0

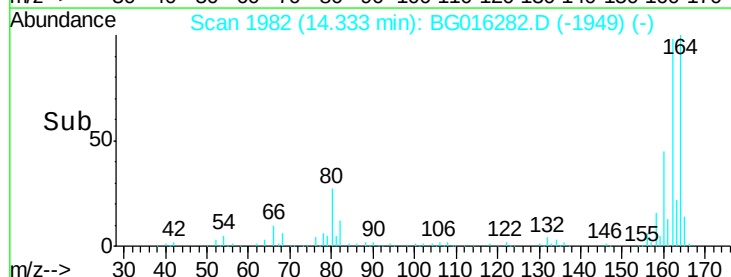
14.25

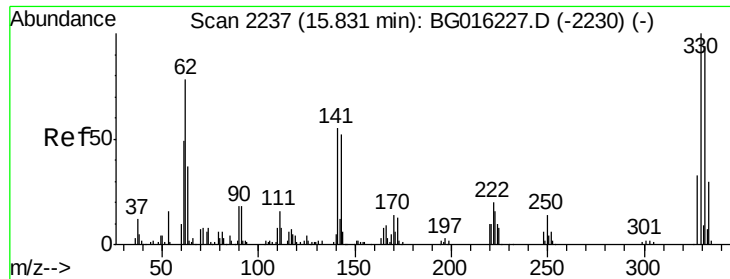
14.30

14.35

14.40

Time-->

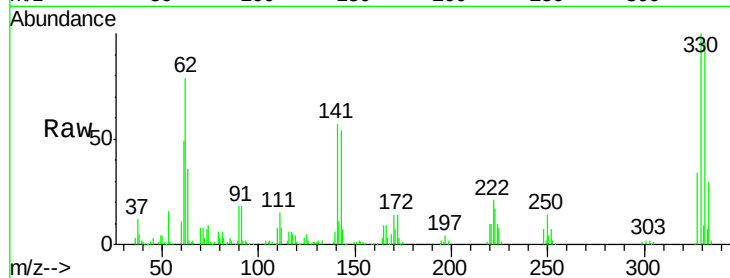




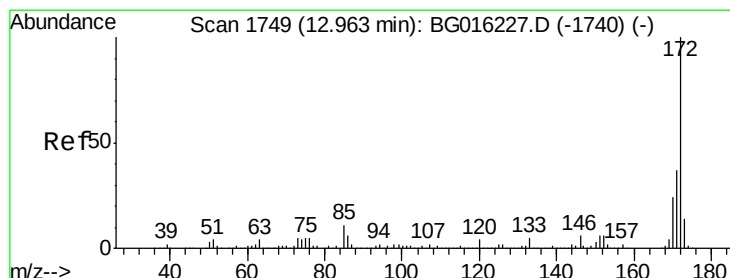
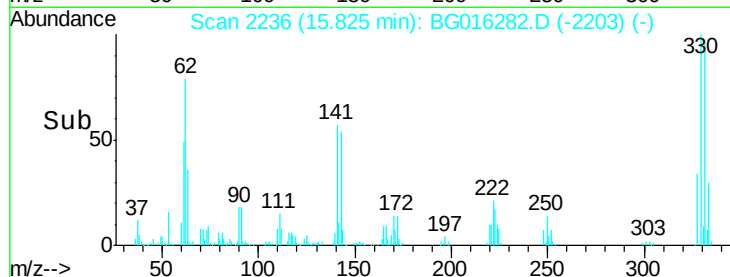
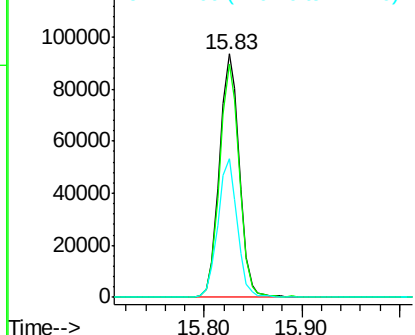
#41
 2,4,6-Tribromophenol
 Concen: 118.73 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016282.D
 Acq: 8 Apr 2015 19:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13

Tgt Ion:330 Resp: 132228
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.8 113.6
 141 55.1 46.6 69.8

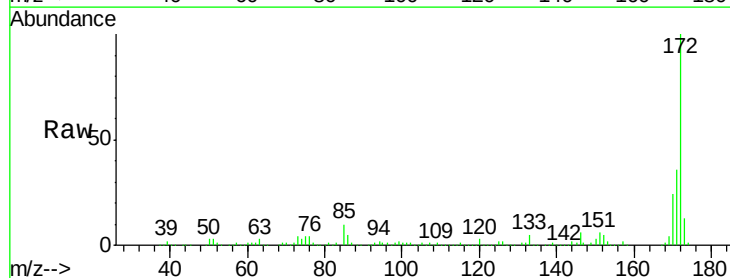


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

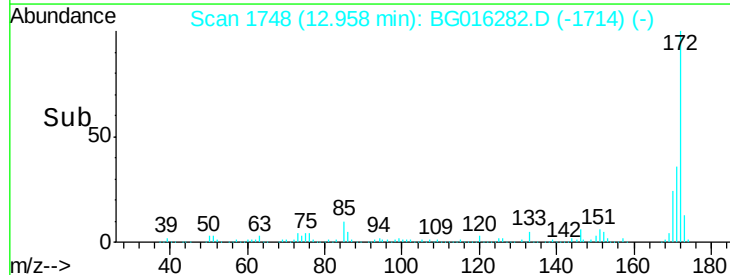
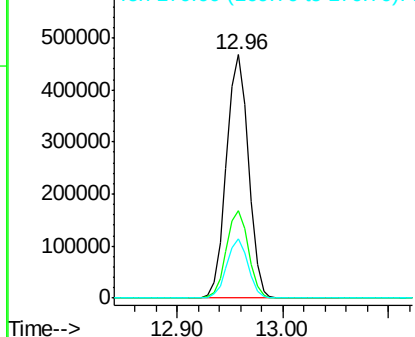


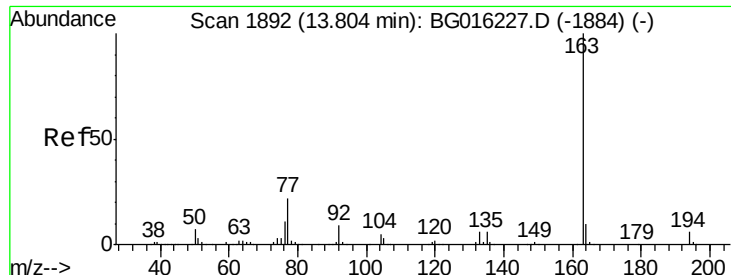
#44
 2-Fluorobiphenyl
 Concen: 69.64 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016282.D
 Acq: 8 Apr 2015 19:10

Tgt Ion:172 Resp: 673559
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 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: 3.20 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13

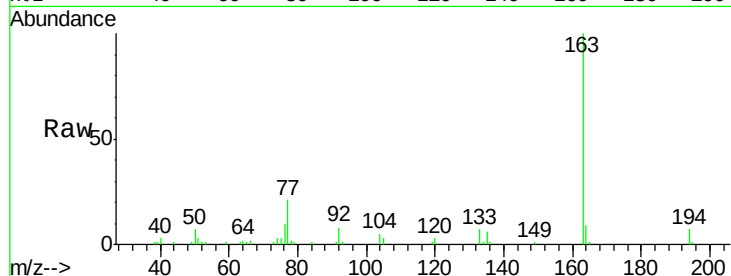
Tgt Ion:163 Resp: 38581

Ion Ratio Lower Upper

163 100

194 6.7 5.0 7.4

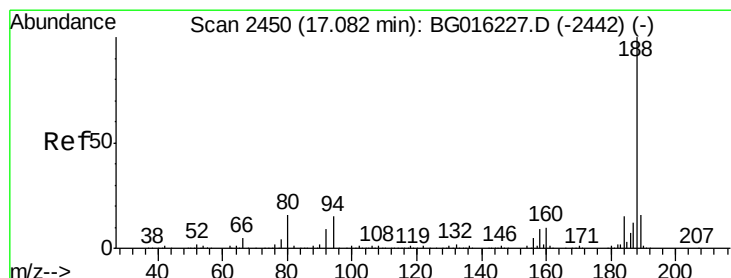
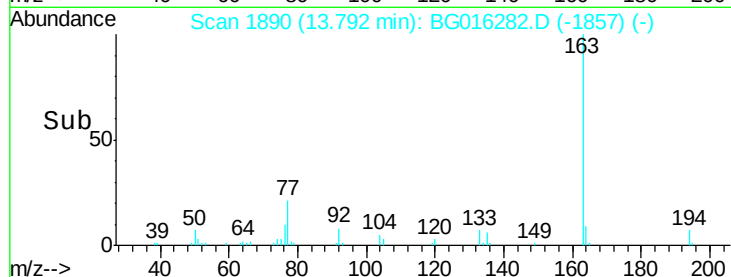
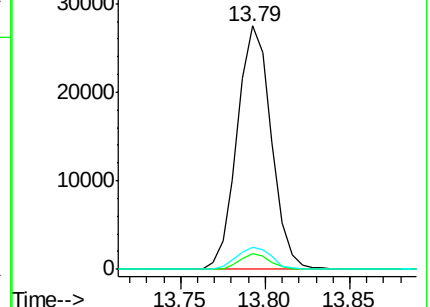
164 9.1 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

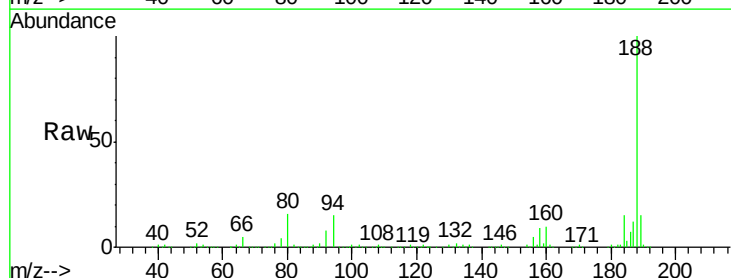
Tgt Ion:188 Resp: 358566

Ion Ratio Lower Upper

188 100

94 15.1 12.2 18.4

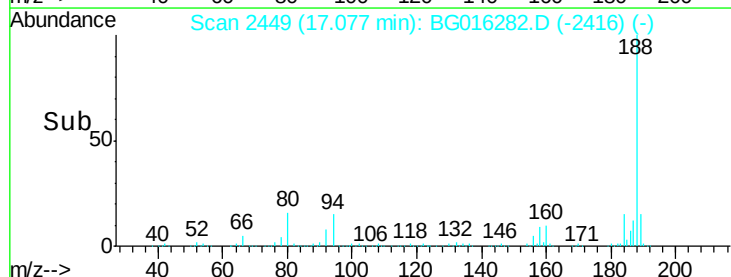
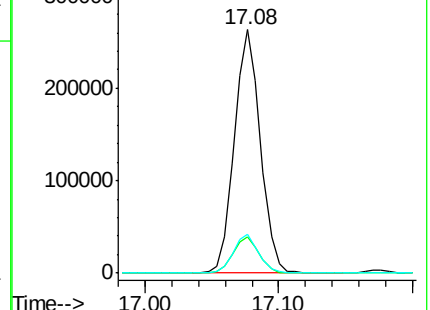
80 15.8 12.8 19.2

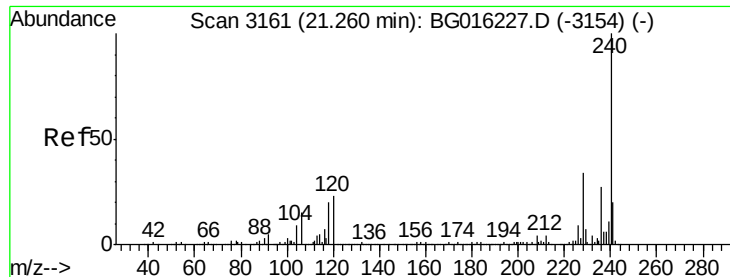


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13

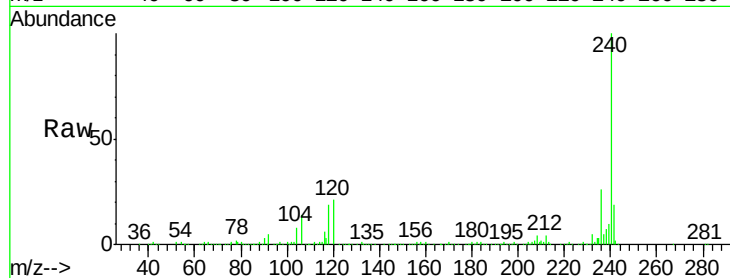
Tgt Ion:240 Resp: 326942

Ion Ratio Lower Upper

240 100

120 21.3 18.6 28.0

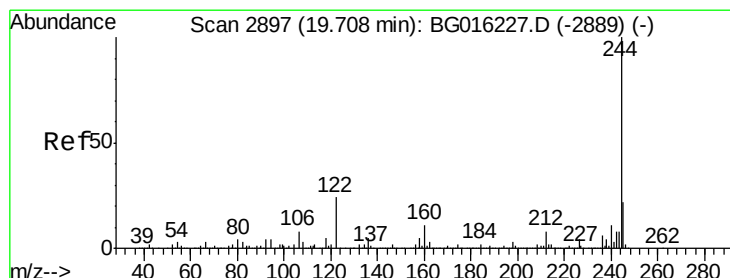
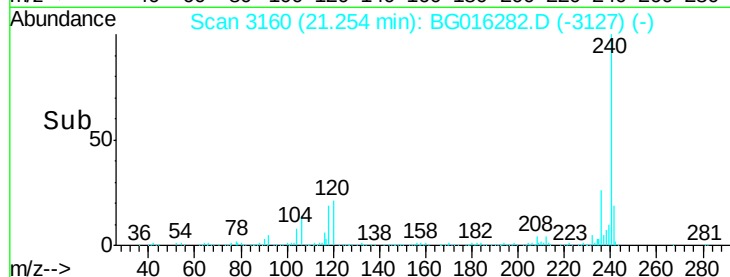
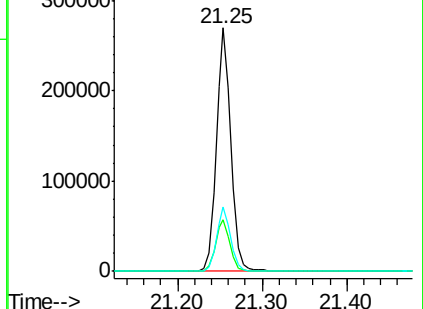
236 26.2 21.7 32.5



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: 59.65 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016282.D

Acq: 8 Apr 2015 19:10

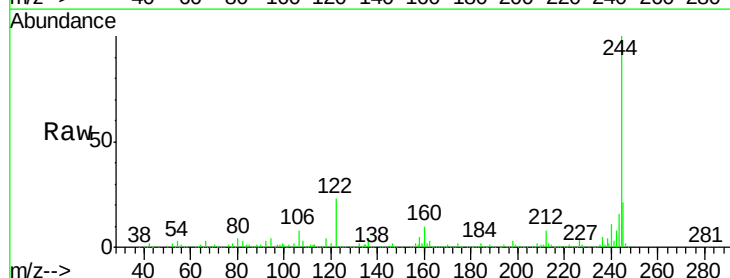
Tgt Ion:244 Resp: 833258

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

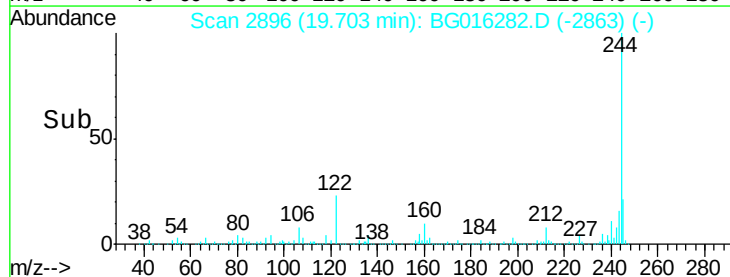
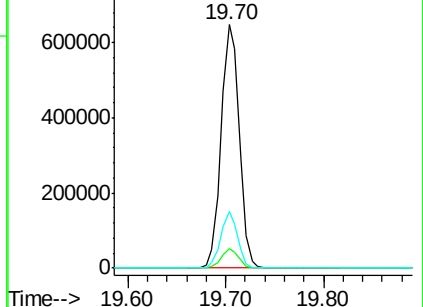
122 23.1 19.1 28.7

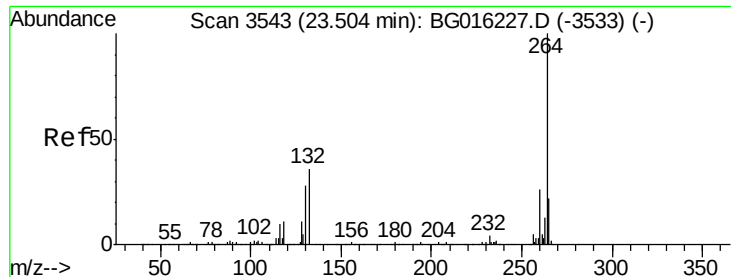


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016282.D
Acq: 8 Apr 2015 19:10

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13

Tgt Ion: 264 Resp: 298317
Ion Ratio Lower Upper
264 100
260 25.0 20.4 30.6
265 21.6 17.2 25.8

