

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016880.D
 Acq On : 6 May 2015 1:29
 Operator : TP/IZ
 Sample : G2114-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)

Quant Time: May 06 03:53:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

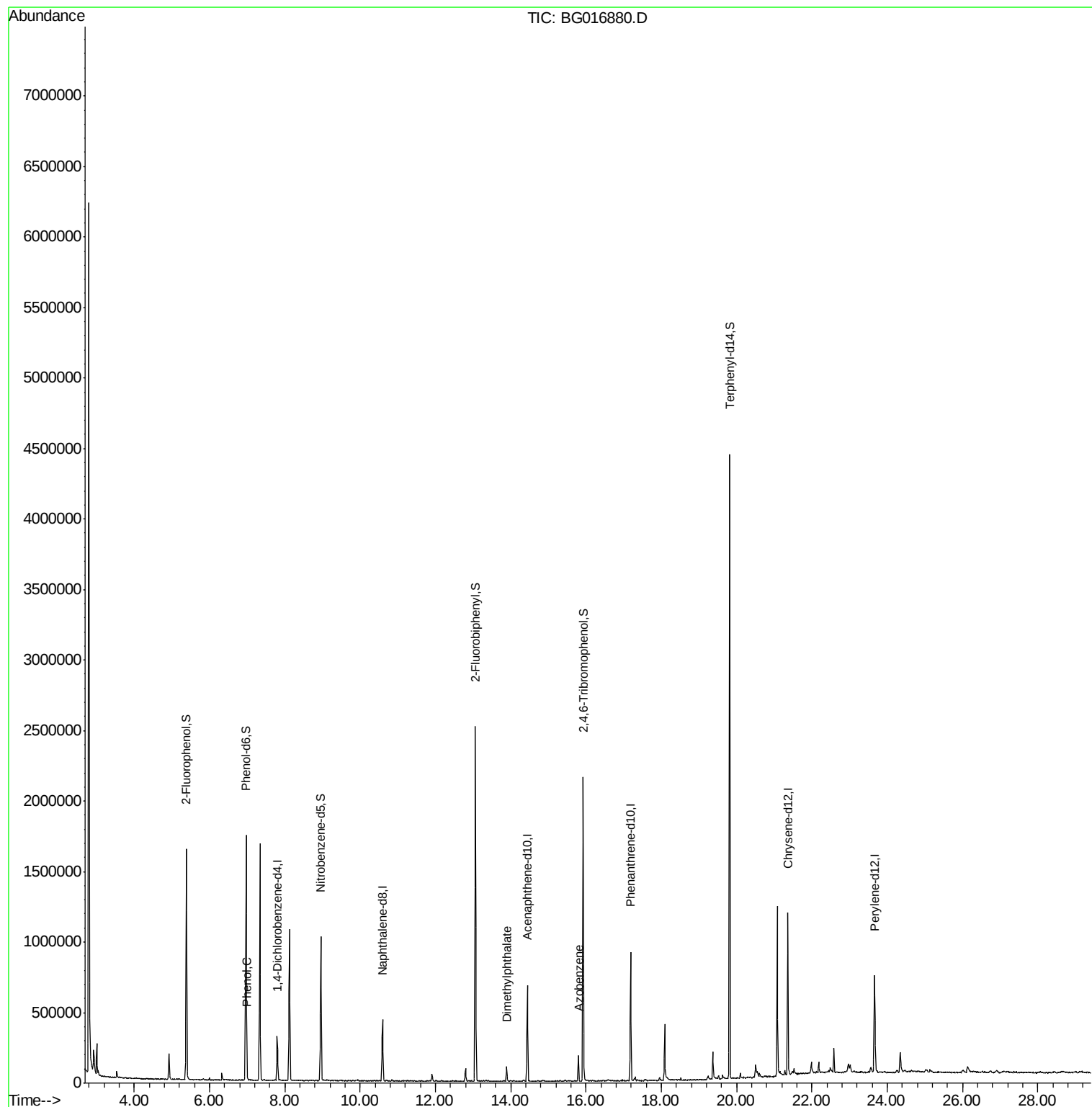
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	74946	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	331930	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	215183	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	476773	20.00	ng	0.00
75) Chrysene-d12	21.36	240	482943	20.00	ng	0.00
86) Perylene-d12	23.66	264	481228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	588352	136.69	ng	0.00
7) Phenol-d6	6.97	99	829938	134.96	ng	0.00
23) Nitrobenzene-d5	8.96	82	534379	78.65	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	290675	134.56	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	1104955	77.49	ng	0.00
78) Terphenyl-d14	19.82	244	1652175	80.20	ng	0.00
Target Compounds						
10) Phenol	7.00	94	19128	2.90	ng	93
32) Benzoic acid	9.90	122	127	Below Cal	#	1
49) Dimethylphthalate	13.90	163	56325	3.51	ng	94
62) Azobenzene	15.80	77	51016	2.90	ng	4

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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QLast Update : Wed May 06 03:35:52 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)

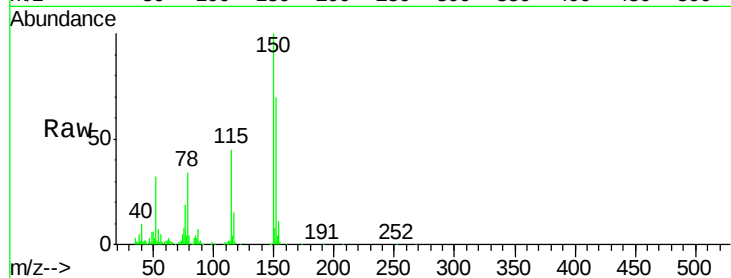
Tgt Ion:152 Resp: 74946

Ion Ratio Lower Upper

152 100

150 143.0 121.0 181.4

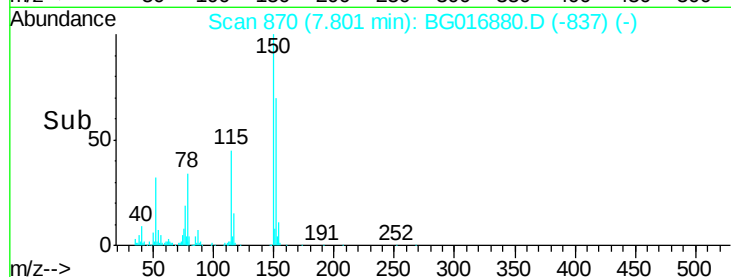
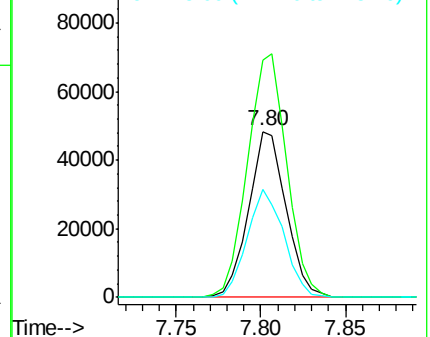
115 64.6 50.5 75.7



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: 136.69 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

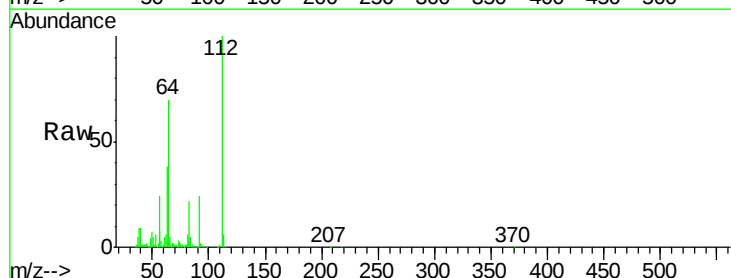
Tgt Ion:112 Resp: 588352

Ion Ratio Lower Upper

112 100

64 70.3 51.4 77.2

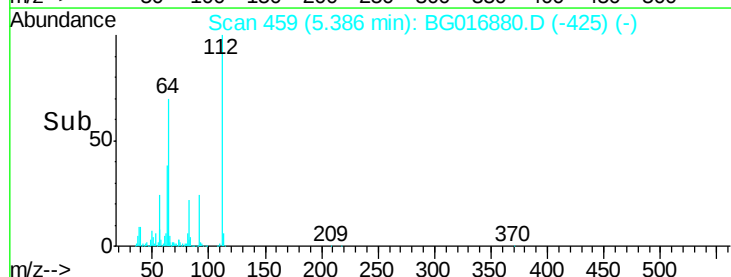
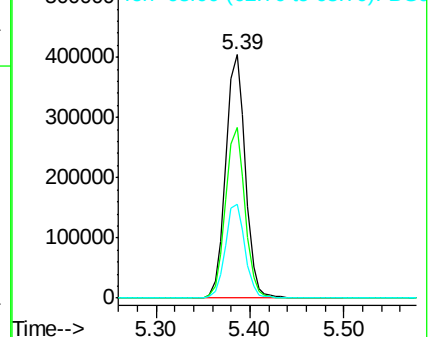
63 38.5 28.1 42.1

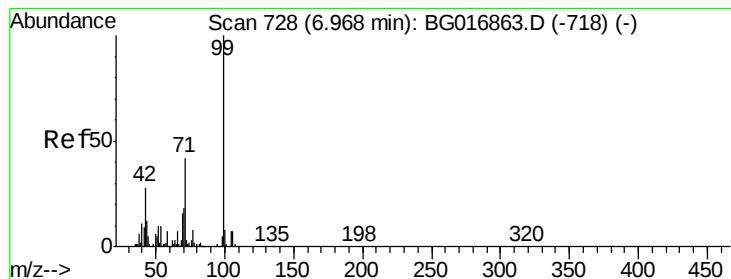


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.96 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)

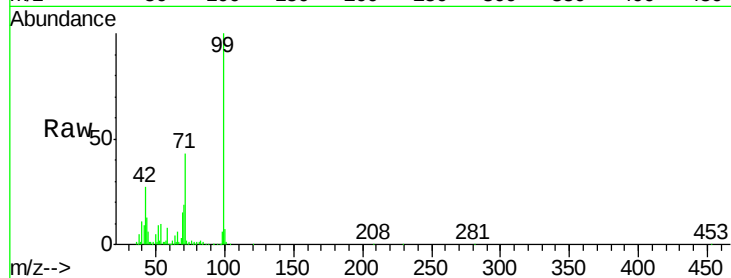
Tgt Ion: 99 Resp: 829938

Ion Ratio Lower Upper

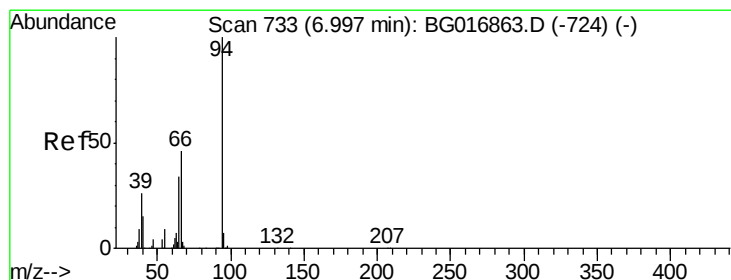
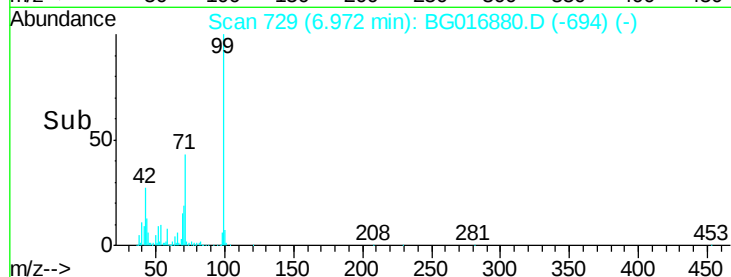
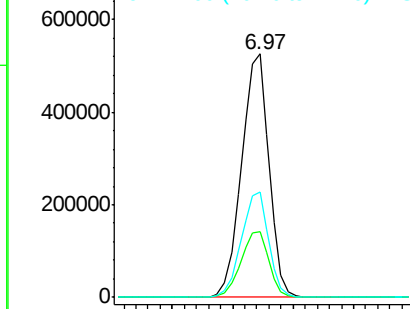
99 100

42 26.8 22.1 33.1

71 43.0 33.4 50.0



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: 2.90 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

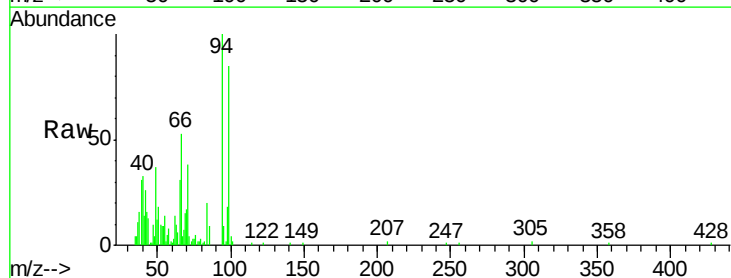
Tgt Ion: 94 Resp: 19128

Ion Ratio Lower Upper

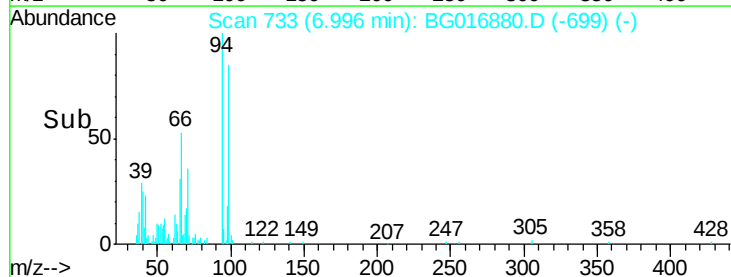
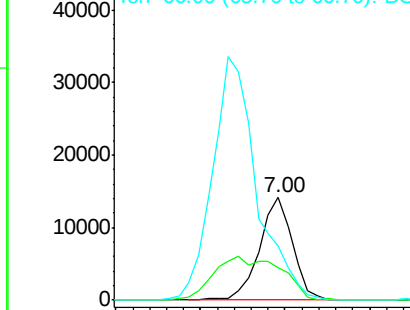
94 100

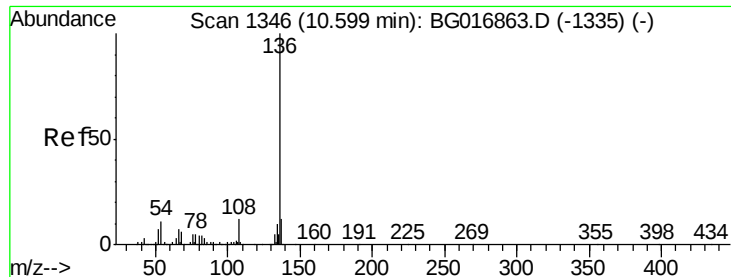
65 31.3 14.3 54.3

66 52.6 26.9 66.9



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

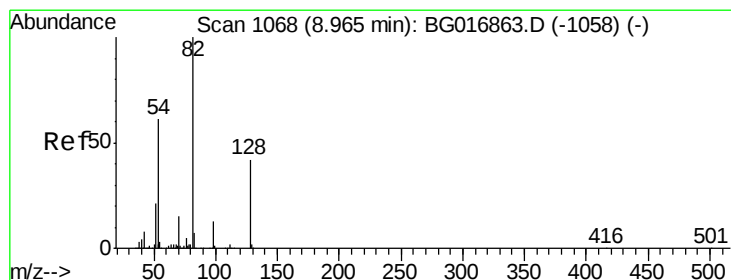
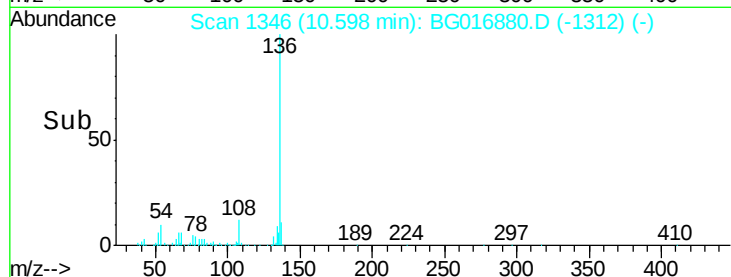
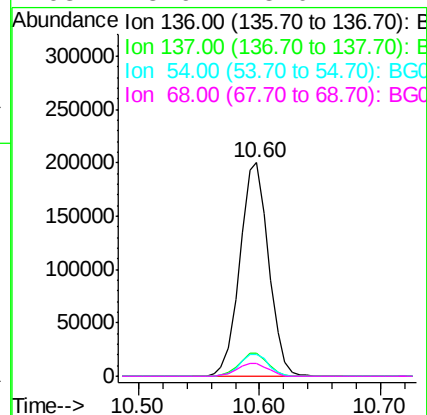
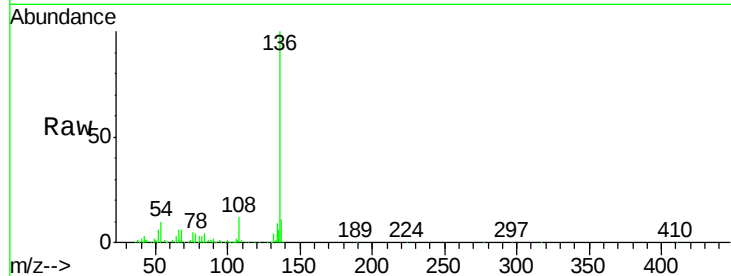




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

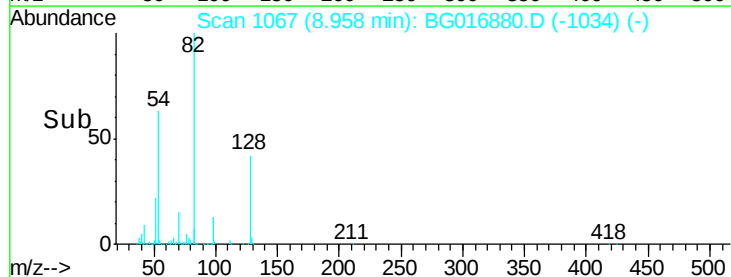
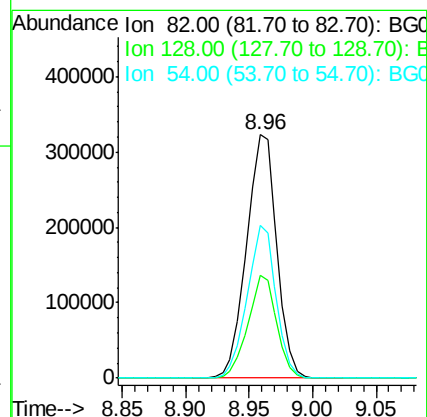
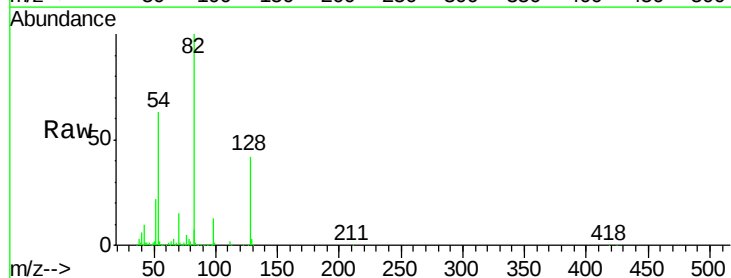
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)

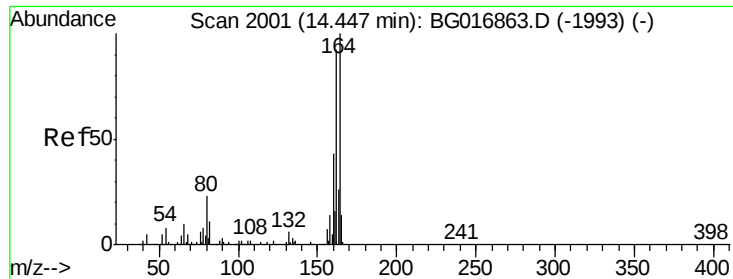
Tgt Ion:	136	Resp:	331930
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	10.3	8.7	13.1
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.65 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

Tgt Ion:	82	Resp:	534379
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.2	49.8
54	62.6	48.6	72.8

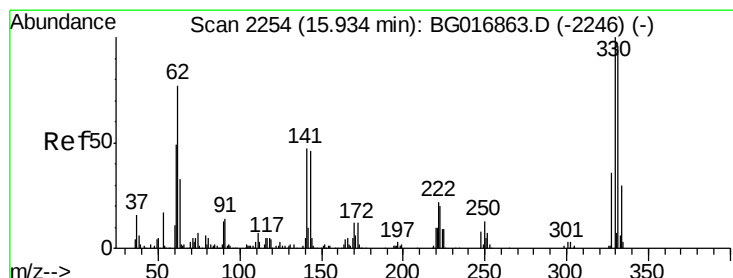
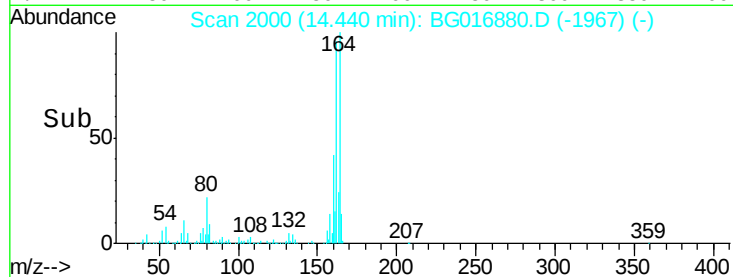
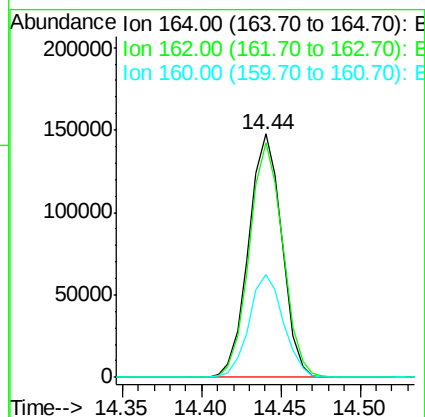
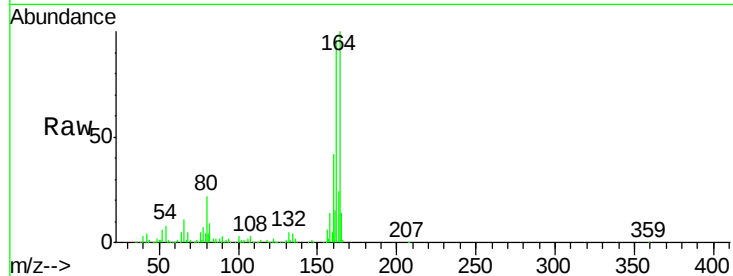




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

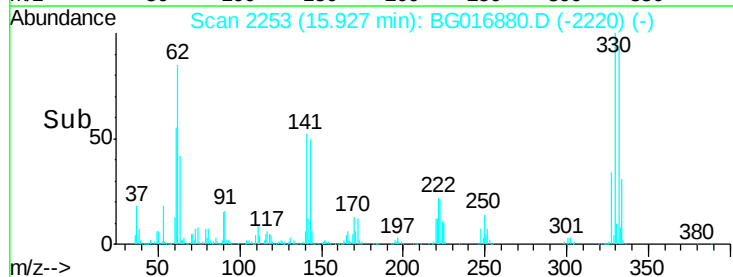
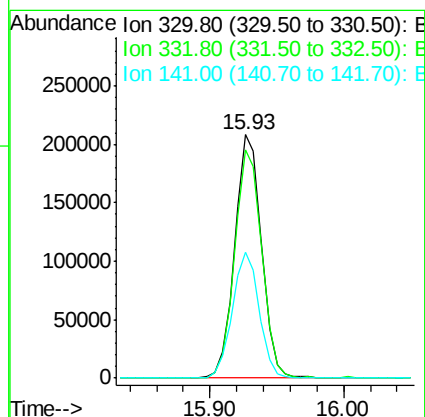
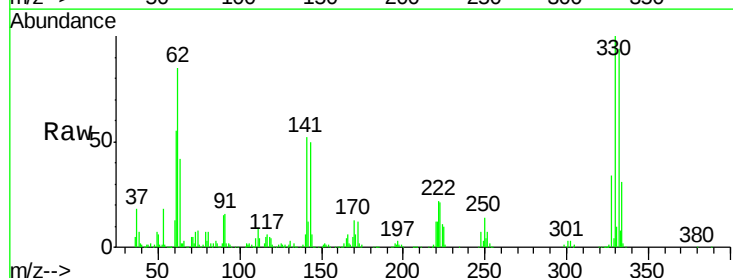
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)

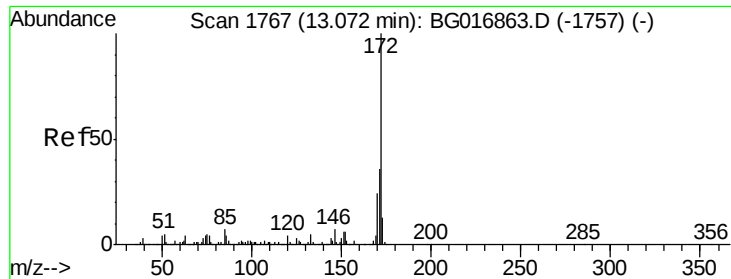
Tgt Ion:164 Resp: 215183
Ion Ratio Lower Upper
164 100
162 96.1 74.0 111.0
160 42.1 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 134.56 ng
RT: 15.93 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

Tgt Ion:330 Resp: 290675
Ion Ratio Lower Upper
330 100
332 95.2 0.0 0.0#
141 52.1 0.0 0.0#

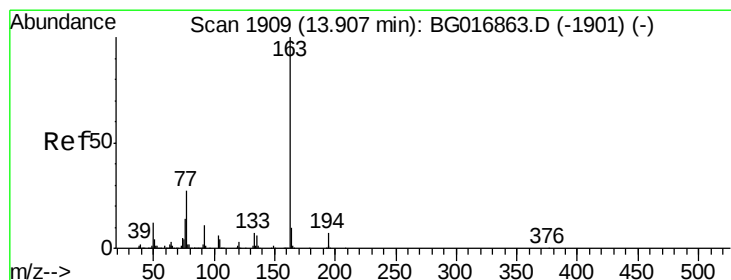
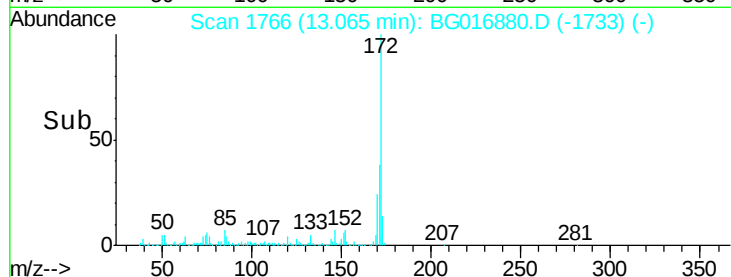
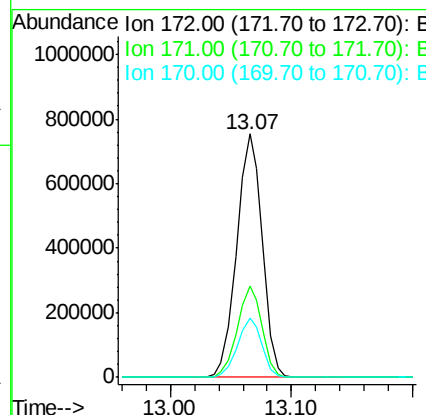
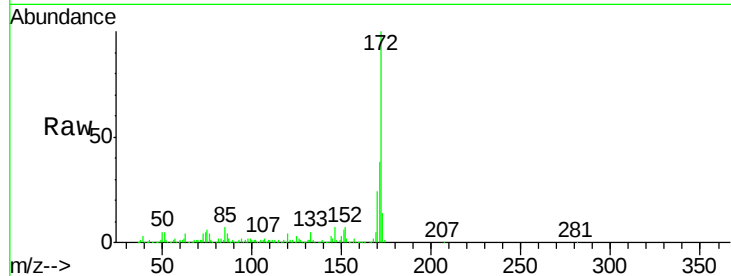




#44
2-Fluorobiphenyl
Concen: 77.49 ng
RT: 13.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

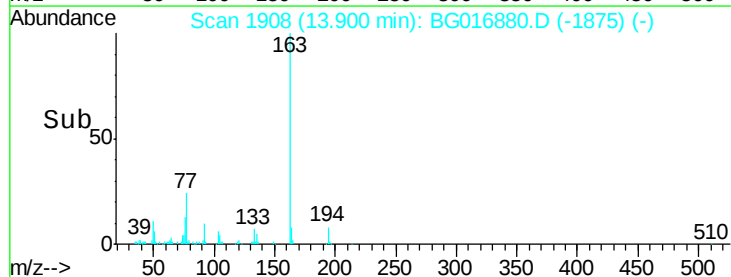
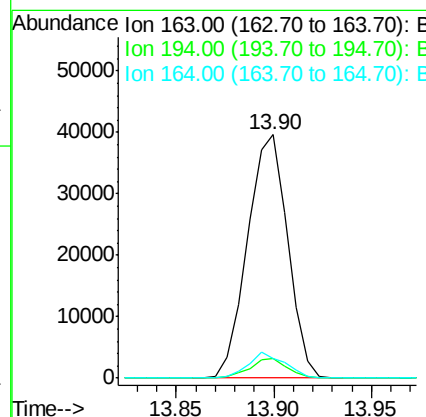
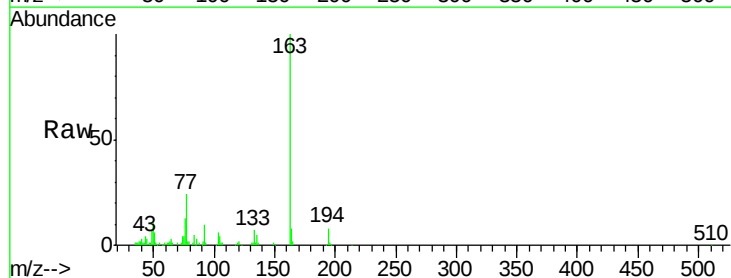
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)

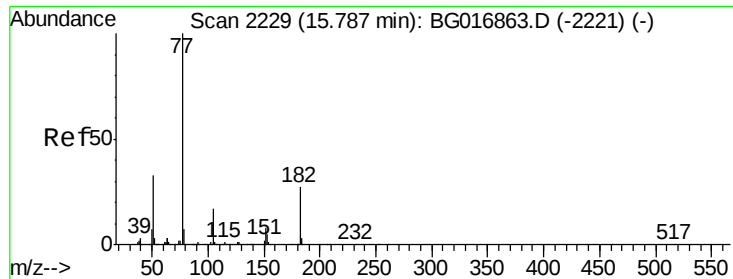
Tgt Ion:172 Resp: 1104955
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.4
170 24.2 19.0 28.4



#49
Dimethylphthalate
Concen: 3.51 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

Tgt Ion:163 Resp: 56325
Ion Ratio Lower Upper
163 100
194 8.0 5.2 7.8#
164 7.9 8.4 12.6#





#62

Azobenzene

Concen: 2.90 ng

RT: 15.80 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)

Tgt Ion: 77 Resp: 51016

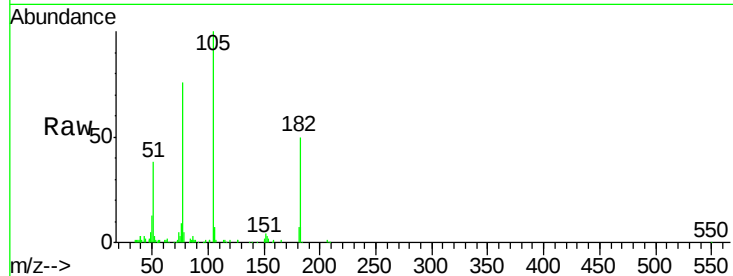
Ion Ratio Lower Upper

77 100

182 66.0 7.4 47.4#

105 131.3 0.0 36.6#

51 49.8 13.4 53.4

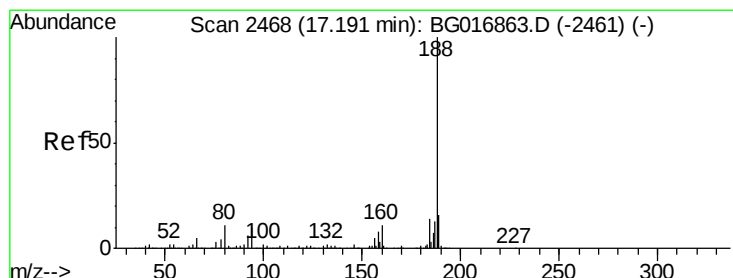
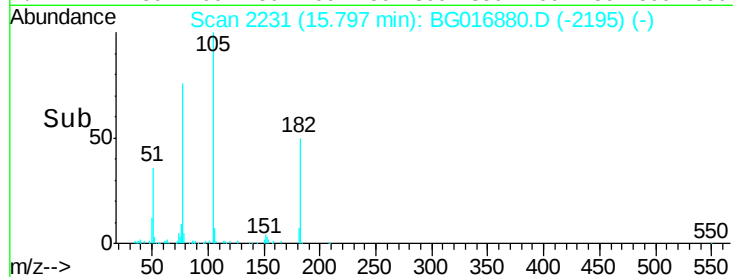
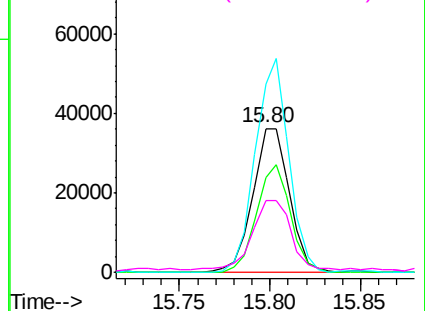


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

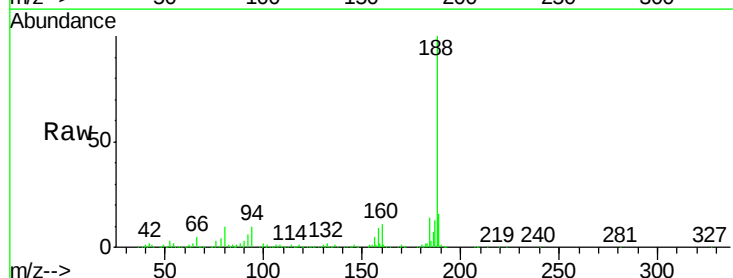
Tgt Ion: 188 Resp: 476773

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

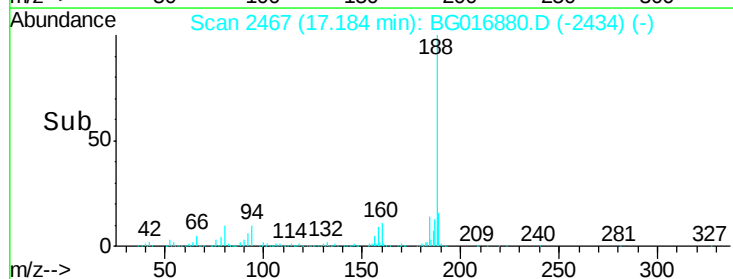
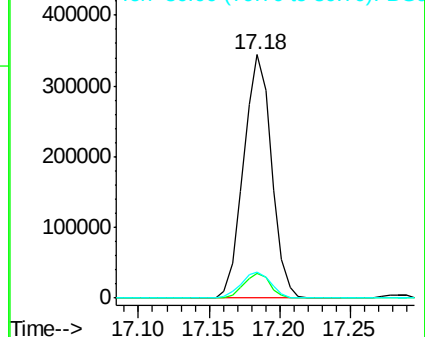
80 10.4 8.8 13.2

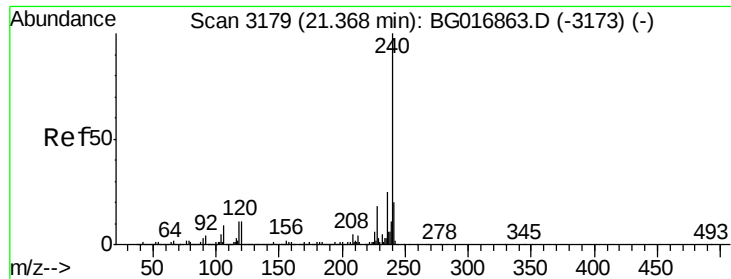


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)

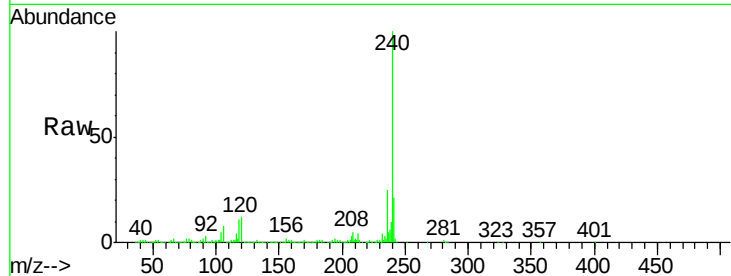
Tgt Ion:240 Resp: 482943

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

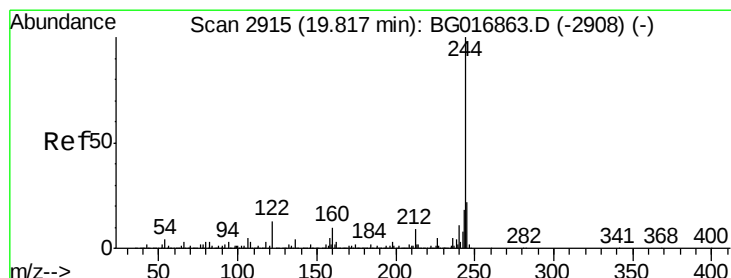
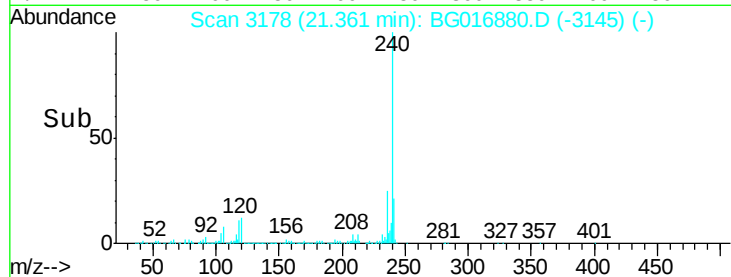
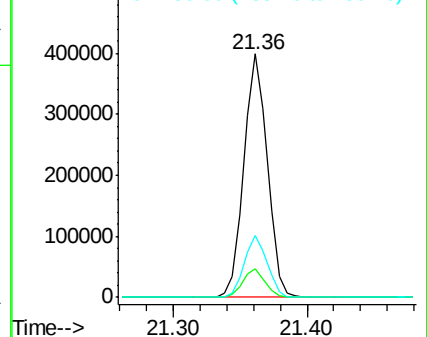
236 25.4 20.2 30.4



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: 80.20 ng

RT: 19.82 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016880.D

Acq: 6 May 2015 1:29

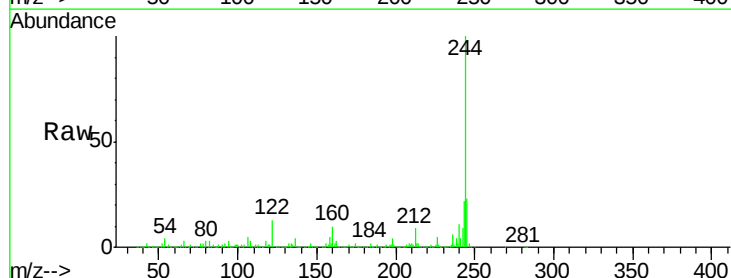
Tgt Ion:244 Resp: 1652175

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

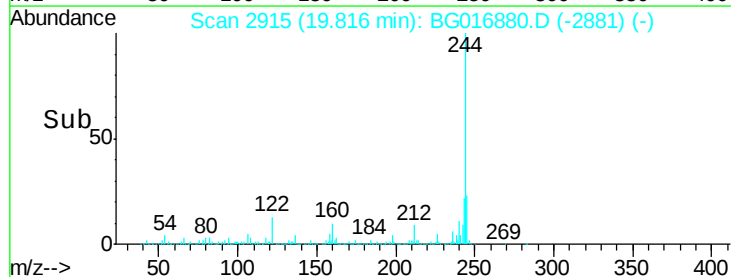
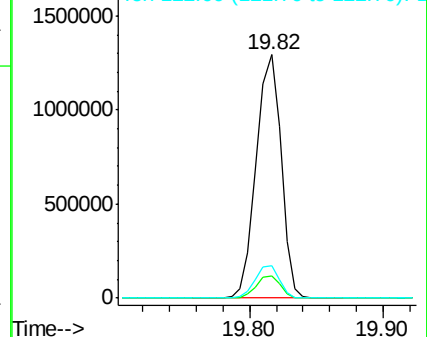
122 13.3 10.4 15.6

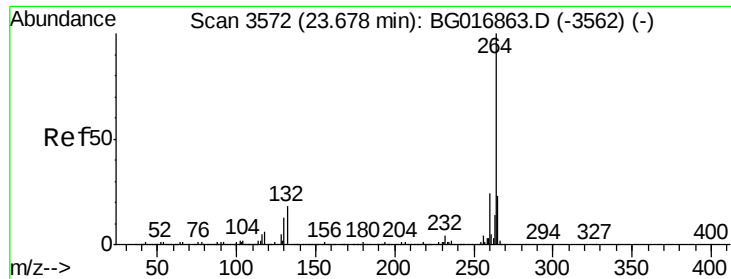


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

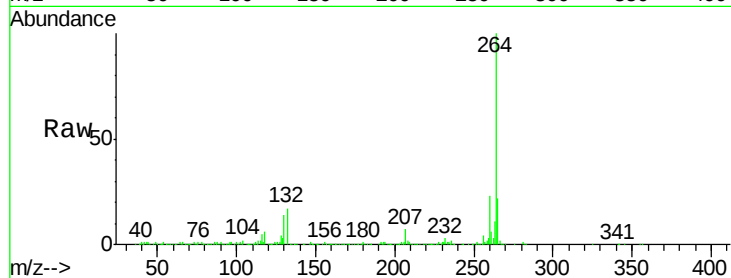




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG016880.D
Acq: 6 May 2015 1:29

Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.1	18.5	27.7



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

