

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016887.D
 Acq On : 6 May 2015 5:31
 Operator : TP/IZ
 Sample : G2114-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-2(12-18)

Quant Time: May 06 06:39:31 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

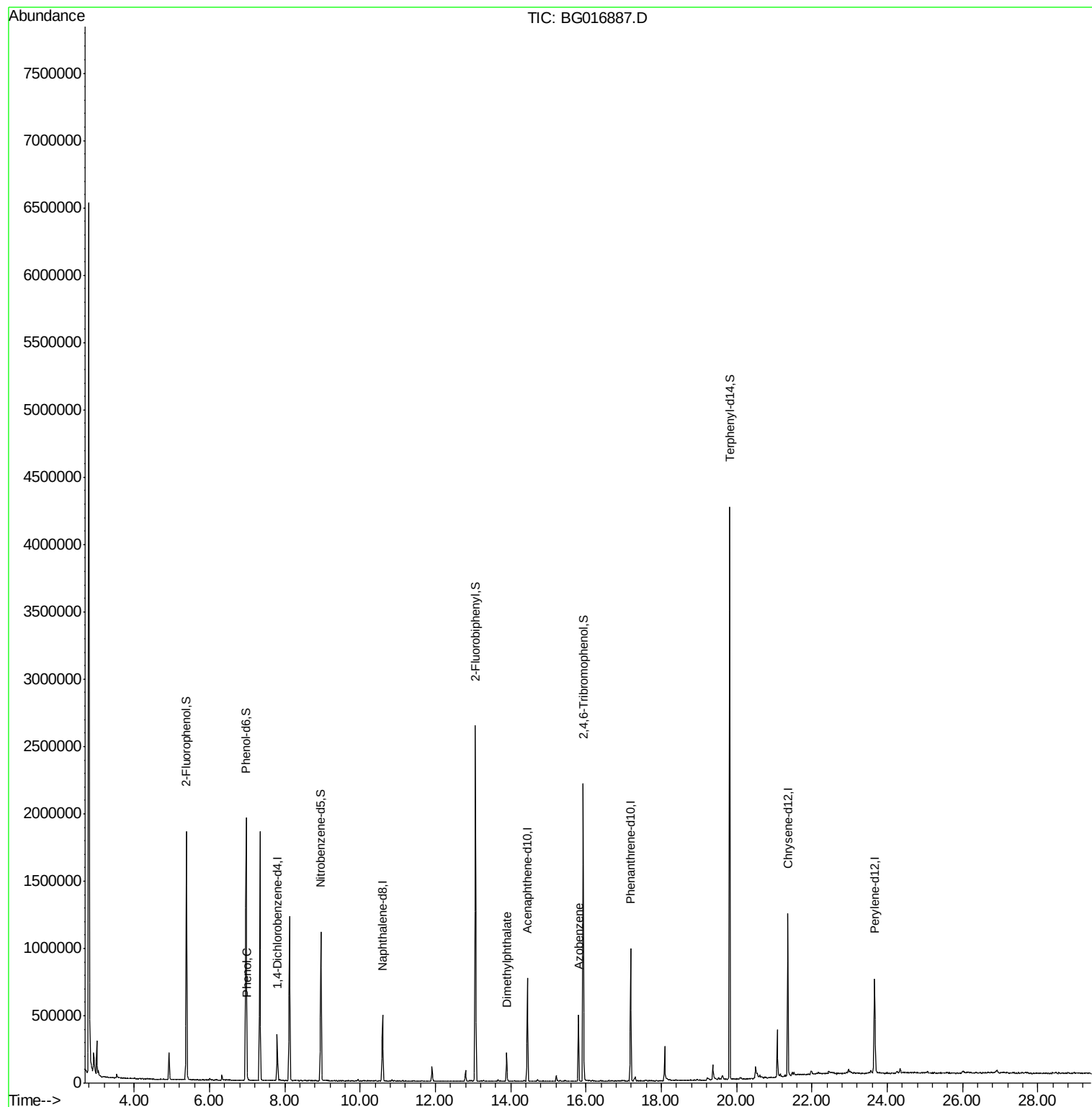
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	81226	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	363374	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	236500	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	511129	20.00	ng	0.00
75) Chrysene-d12	21.36	240	508486	20.00	ng	0.00
86) Perylene-d12	23.67	264	495089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	654681	140.34	ng	0.00
7) Phenol-d6	6.97	99	913802	137.11	ng	0.00
23) Nitrobenzene-d5	8.96	82	603536	81.14	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	311163	131.06	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1150552	73.41	ng	0.00
78) Terphenyl-d14	19.81	244	1543904	71.18	ng	0.00
Target Compounds						
10) Phenol	6.99	94	22859	3.20	ng	Qvalue 96
32) Benzoic acid	9.84	122	56	Below Cal	#	1
49) Dimethylphthalate	13.90	163	118295	6.70	ng	97
62) Azobenzene	15.80	77	134104	6.95	ng	# 1

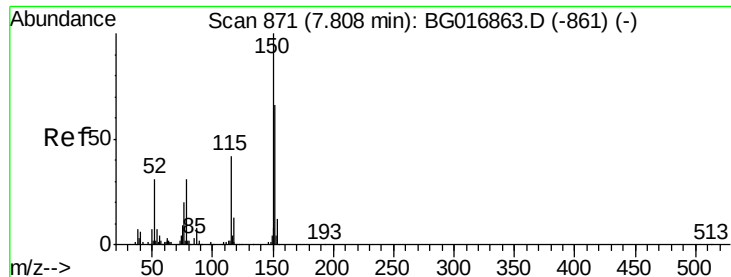
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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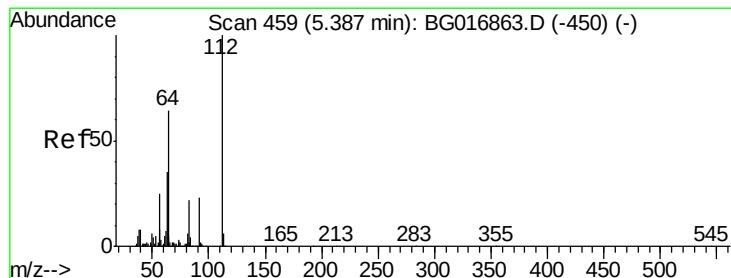
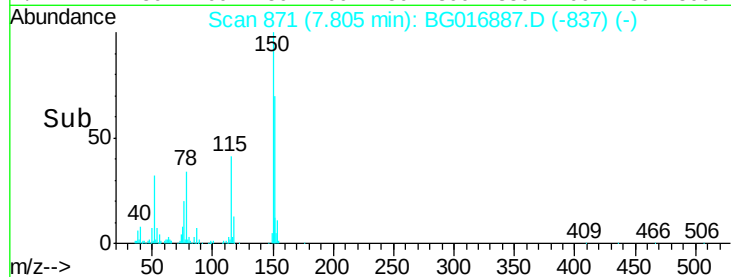
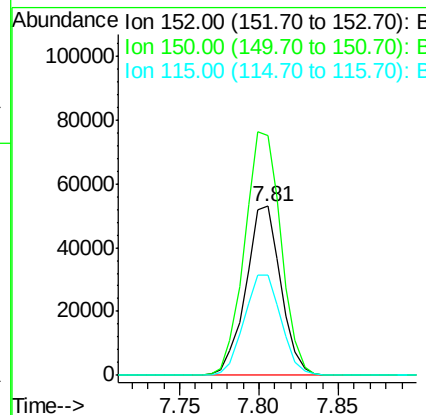
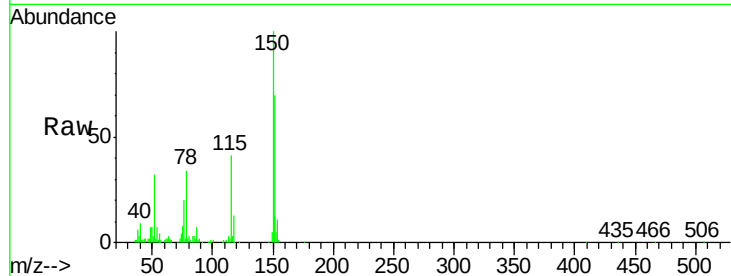


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

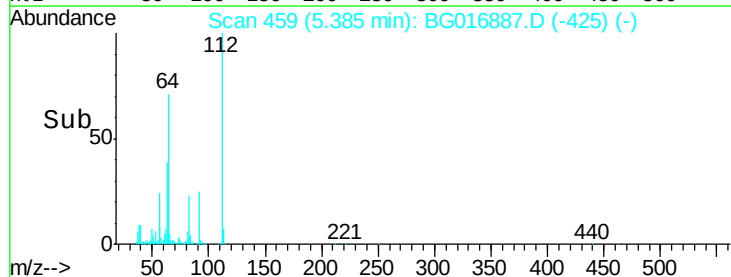
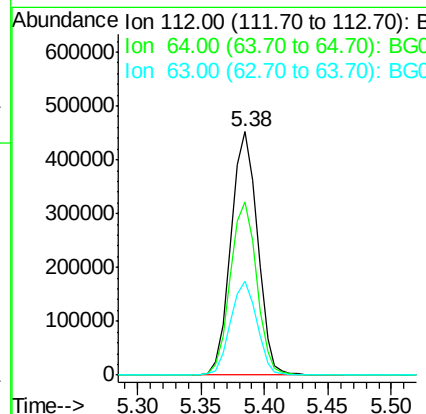
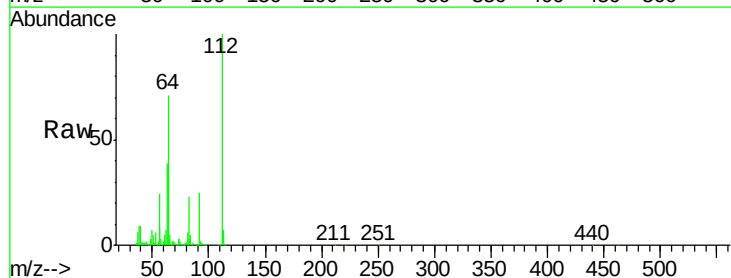
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.3	121.0	181.4
115	59.0	50.5	75.7

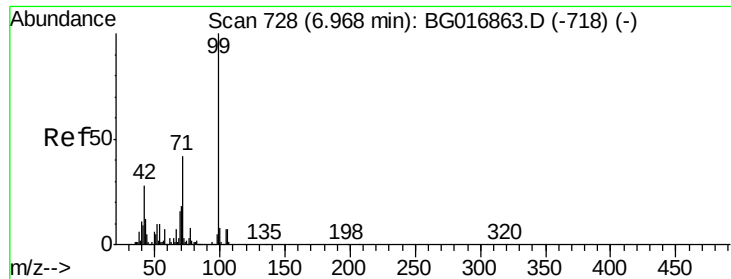


#5

2-Fluorophenol
Concen: 140.34 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	51.4	77.2
63	38.6	28.1	42.1





#7

Phenol-d6

Concen: 137.11 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

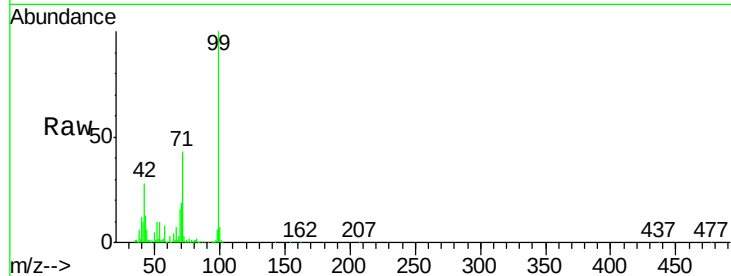
Tgt Ion: 99 Resp: 913802

Ion Ratio Lower Upper

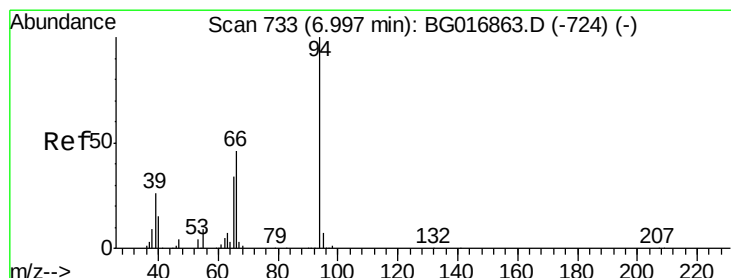
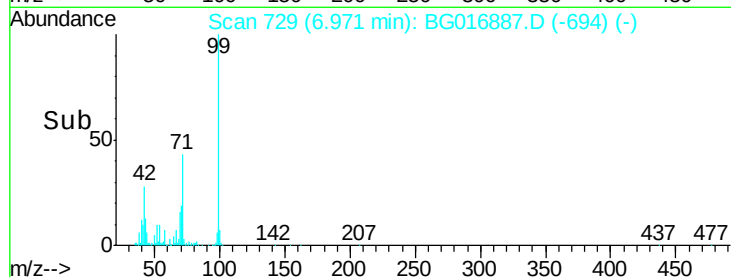
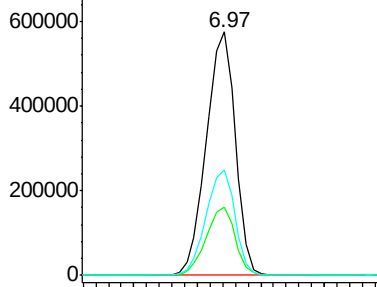
99 100

42 28.1 22.1 33.1

71 43.3 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: 3.20 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

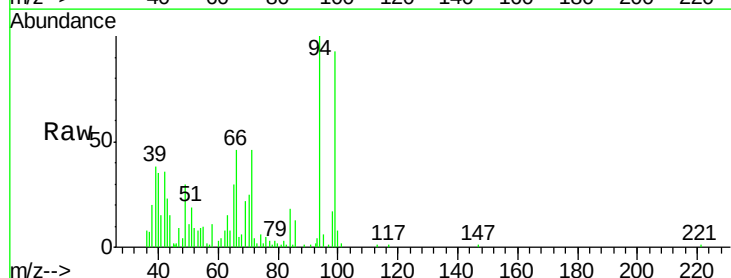
Tgt Ion: 94 Resp: 22859

Ion Ratio Lower Upper

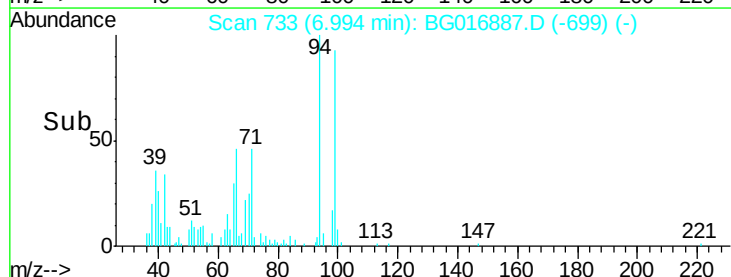
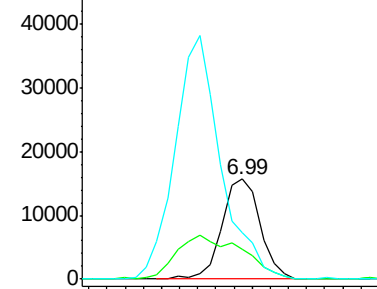
94 100

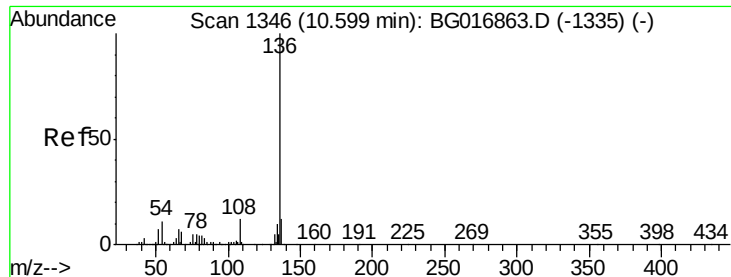
65 29.7 14.3 54.3

66 46.1 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

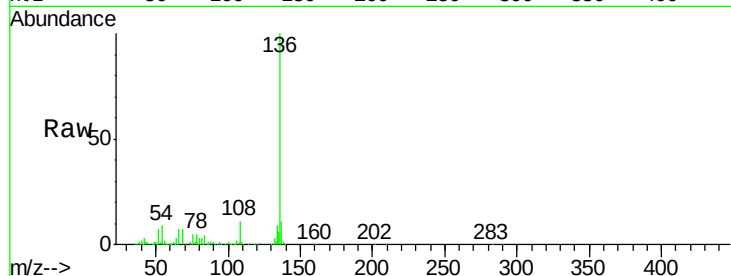




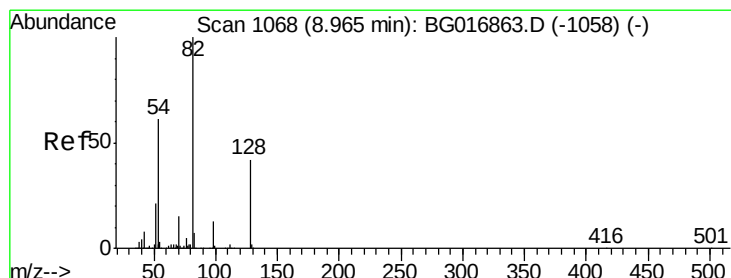
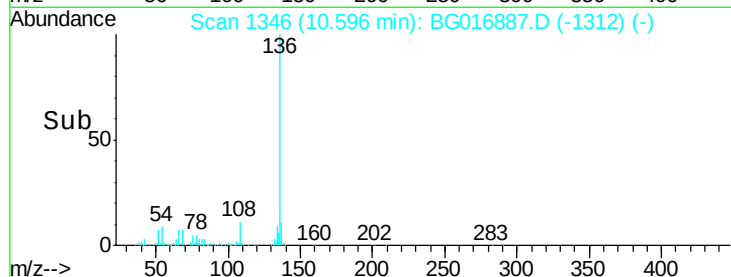
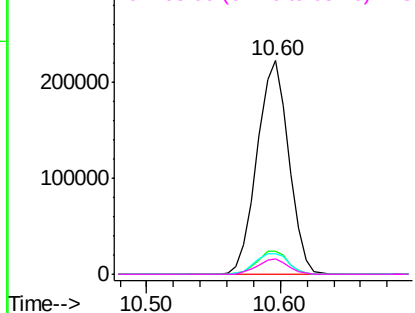
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:	136	Resp:	363374
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.4	8.7	13.1
68	7.1	5.0	7.4

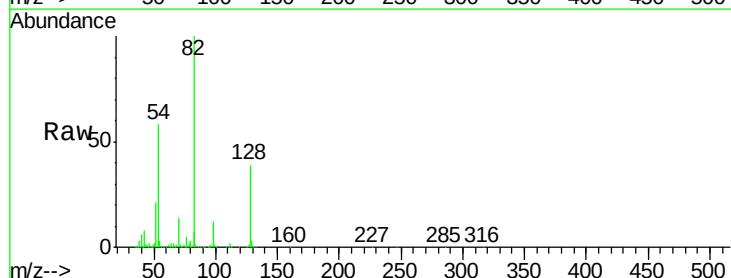


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

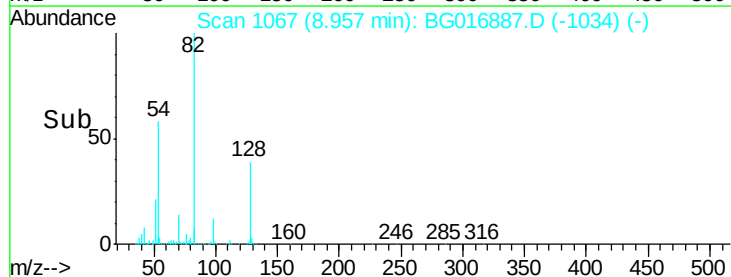
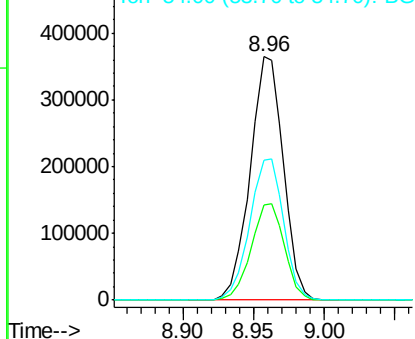


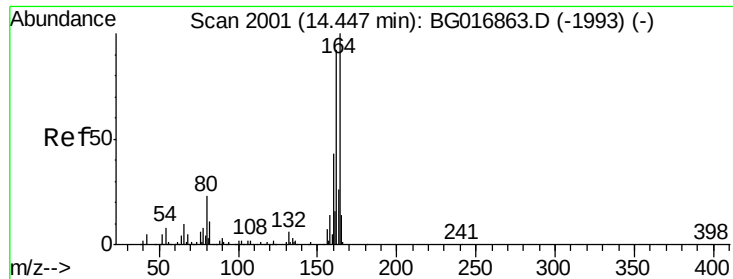
#23
Nitrobenzene-d5
Concen: 81.14 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:	82	Resp:	603536
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	57.6	48.6	72.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

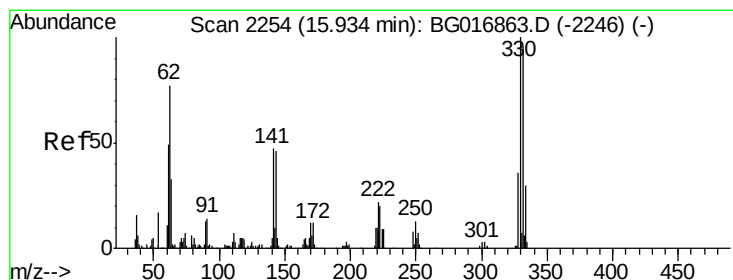
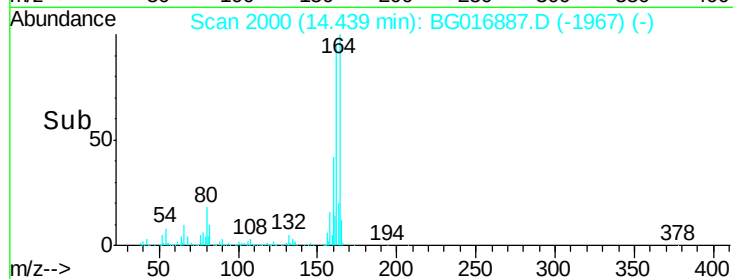
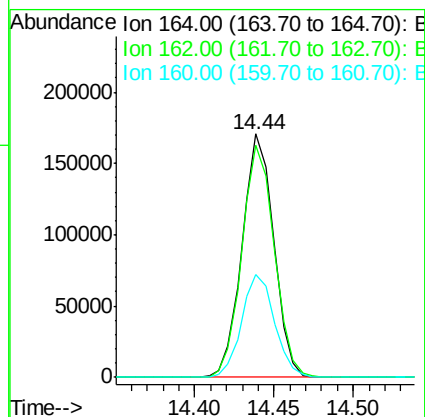
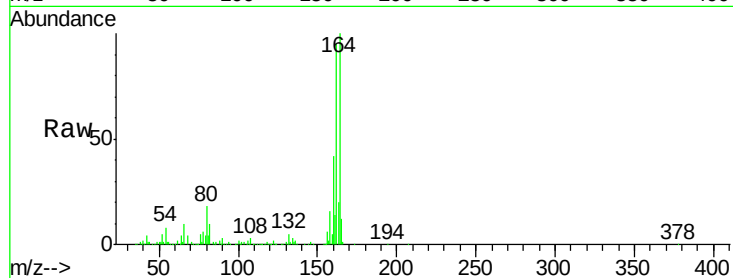




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

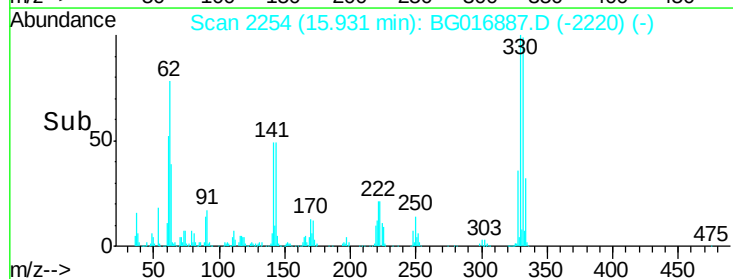
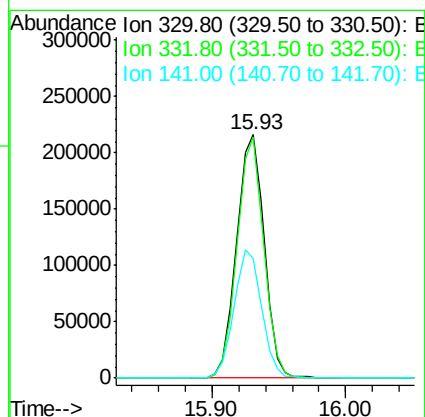
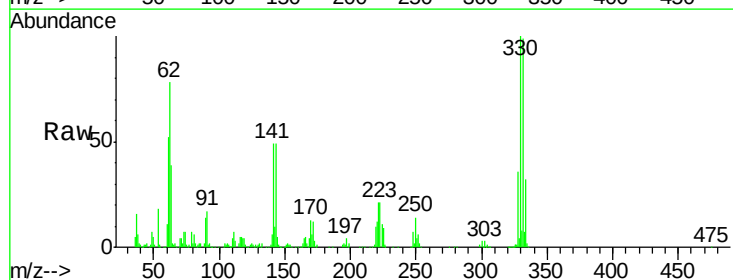
Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

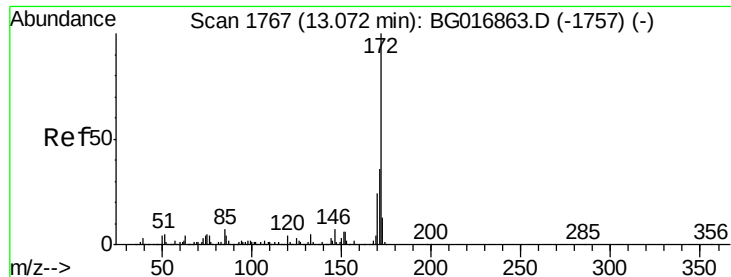
Tgt Ion:164 Resp: 236500
Ion Ratio Lower Upper
164 100
162 95.2 74.0 111.0
160 42.2 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 131.06 ng
RT: 15.93 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:330 Resp: 311163
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 52.8 0.0 0.0#

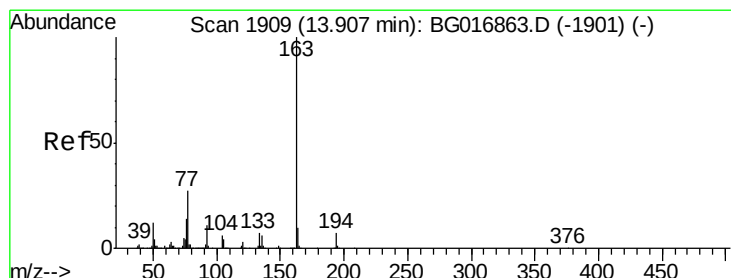
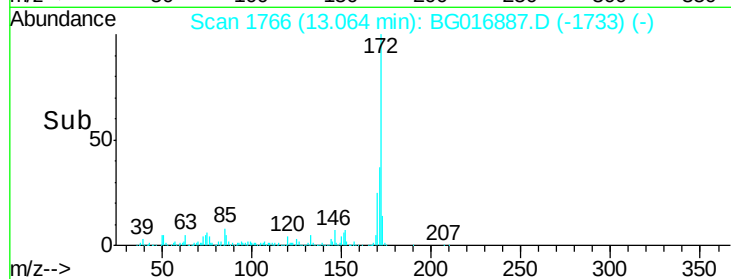
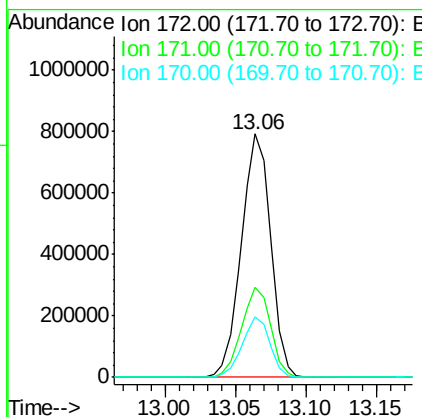
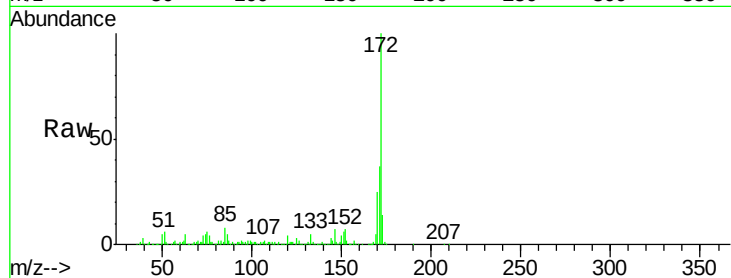




#44
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

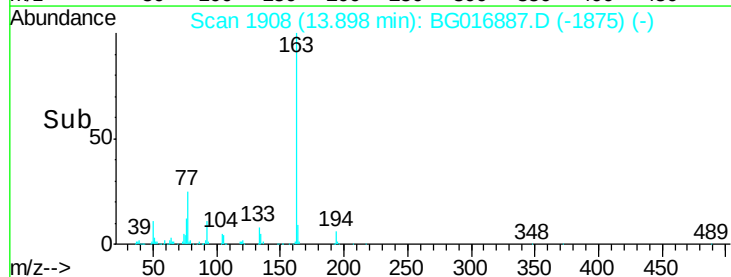
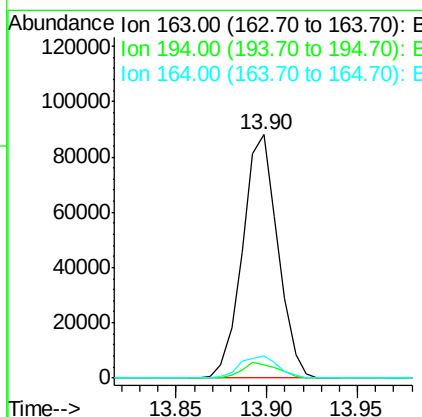
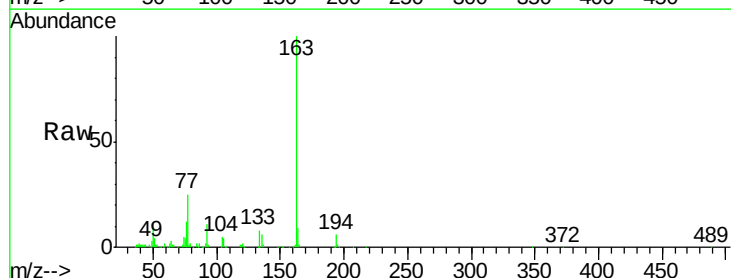
Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

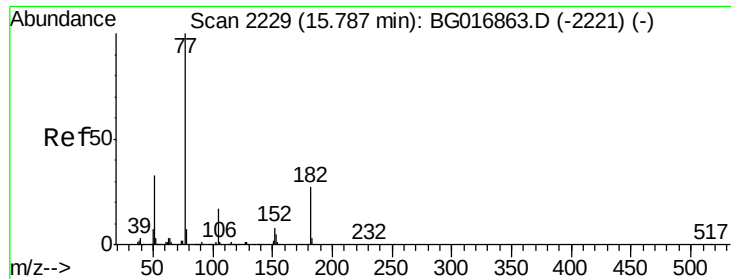
Tgt Ion:172 Resp: 1150552
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.9 19.0 28.4



#49
Dimethylphthalate
Concen: 6.70 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:163 Resp: 118295
Ion Ratio Lower Upper
163 100
194 5.6 5.2 7.8
164 9.0 8.4 12.6

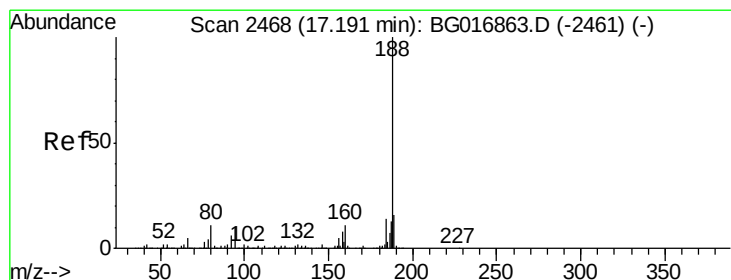
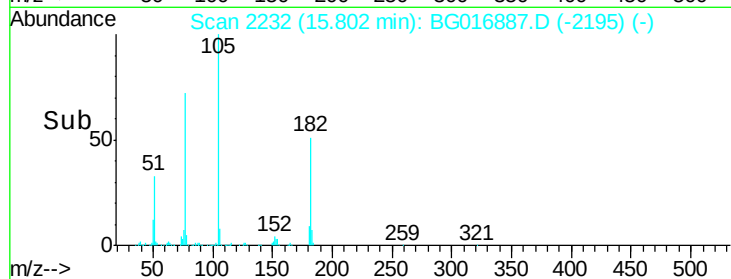
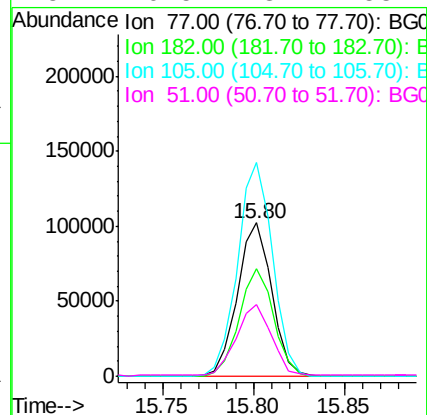
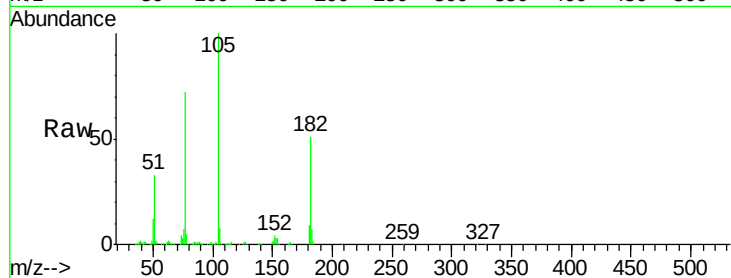




#62
 Azobenzene
 Concen: 6.95 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. 0.02 min
 Lab File: BG016887.D
 Acq: 6 May 2015 5:31

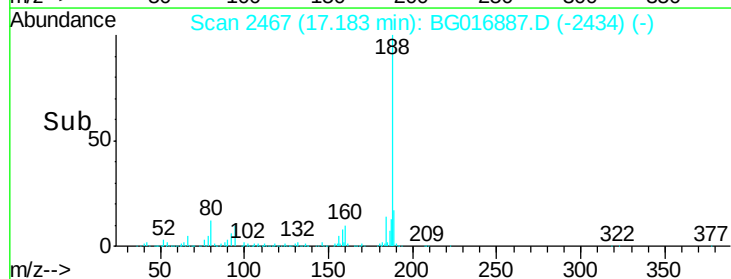
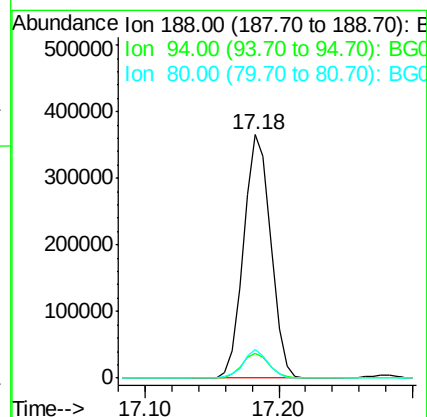
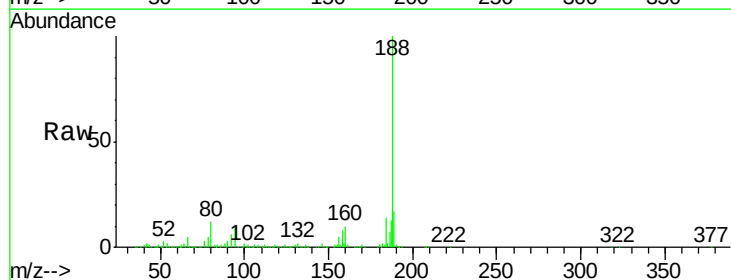
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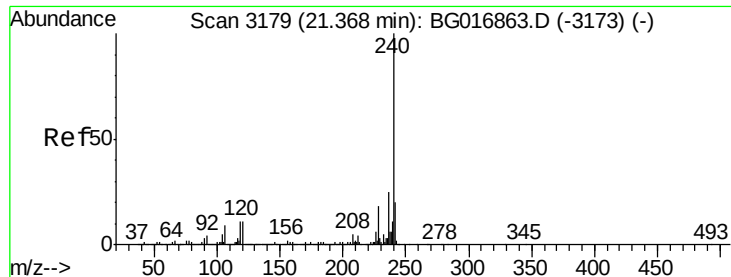
Tgt Ion: 77 Resp: 134104
 Ion Ratio Lower Upper
 77 100
 182 70.4 7.4 47.4#
 105 139.2 0.0 36.6#
 51 46.5 13.4 53.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.18 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG016887.D
 Acq: 6 May 2015 5:31

Tgt Ion: 188 Resp: 511129
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.4
 80 11.7 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

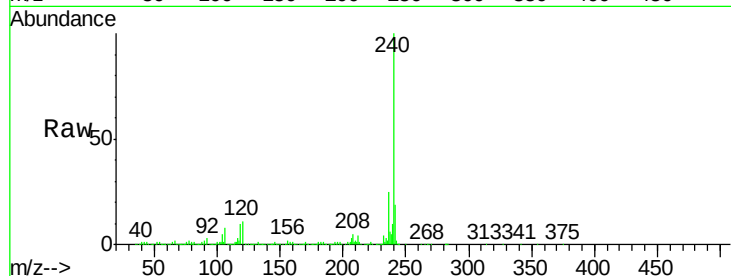
Tgt Ion:240 Resp: 508486

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

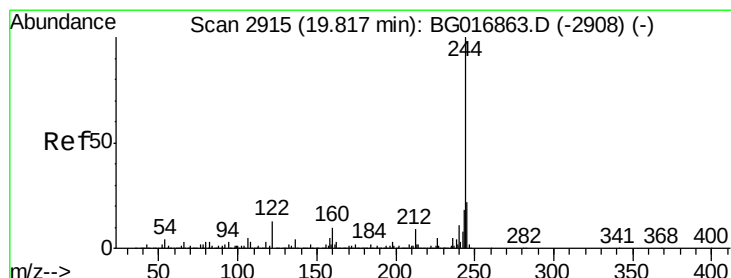
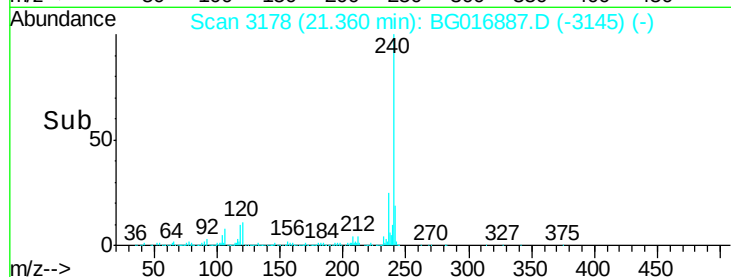
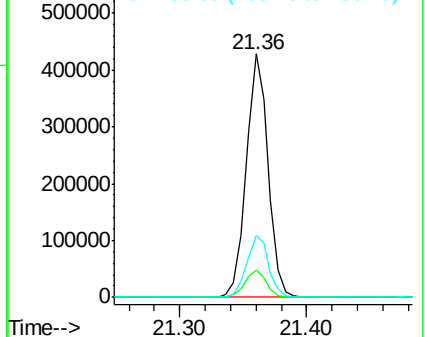
236 25.5 20.2 30.4



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: 71.18 ng

RT: 19.81 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

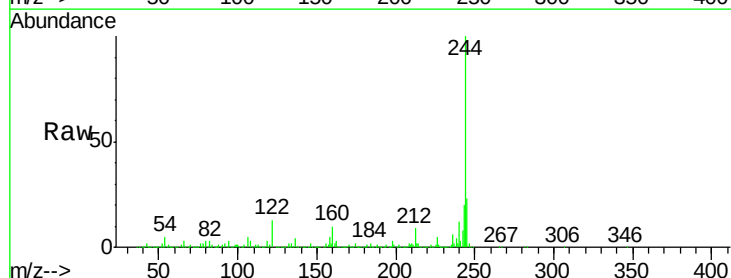
Tgt Ion:244 Resp: 1543904

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

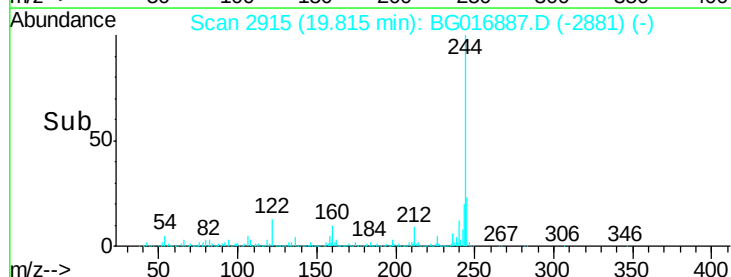
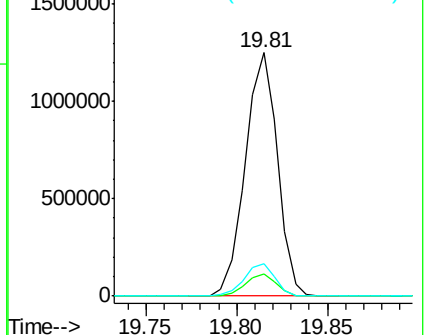
122 13.2 10.4 15.6

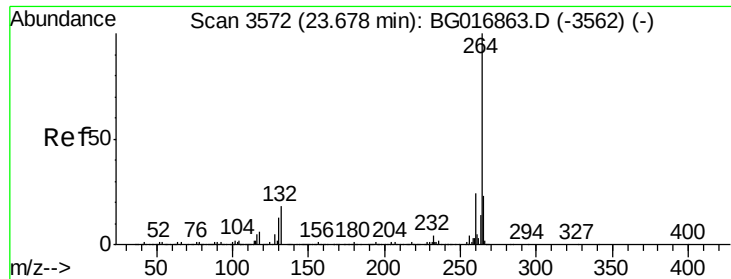


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.67 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	18.5	27.7

