

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016763.D
 Acq On : 28 Apr 2015 10:56
 Operator : TP/IZ
 Sample : G1991-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-74D

Quant Time: Apr 28 14:33:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

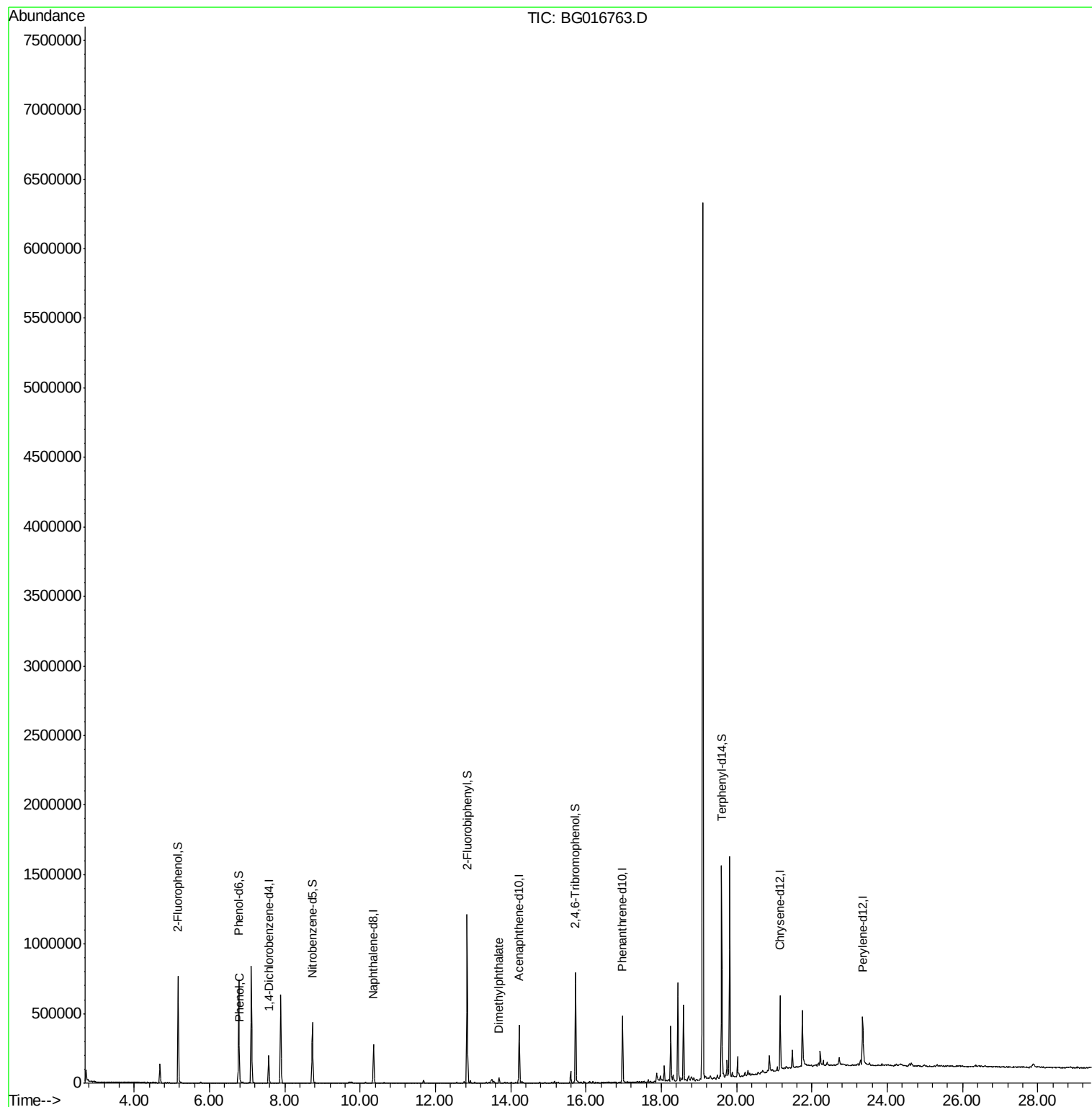
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56449	20.00	ng	-0.03
21) Naphthalene-d8	10.36	136	242764	20.00	ng	-0.03
38) Acenaphthene-d10	14.23	164	141666	20.00	ng	-0.02
63) Phenanthrene-d10	16.97	188	271282	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	237862	20.00	ng	-0.02
86) Perylene-d12	23.35	264	229896	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	382488	109.95	ng	-0.02
7) Phenol-d6	6.78	99	511500	104.81	ng	-0.02
23) Nitrobenzene-d5	8.73	82	260322	67.76	ng	-0.03
41) 2,4,6-Tribromophenol	15.73	330	118546	112.80	ng	-0.02
44) 2-Fluorobiphenyl	12.84	172	587563	66.64	ng	-0.03
78) Terphenyl-d14	19.60	244	618887	59.93	ng	-0.03
Target Compounds						
10) Phenol	6.80	94	14276	2.78	ng	96
49) Dimethylphthalate	13.69	163	26266	2.48	ng	98

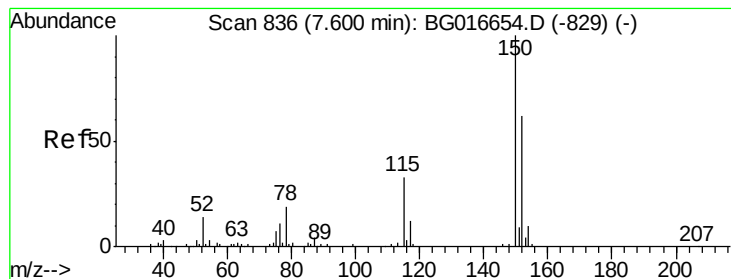
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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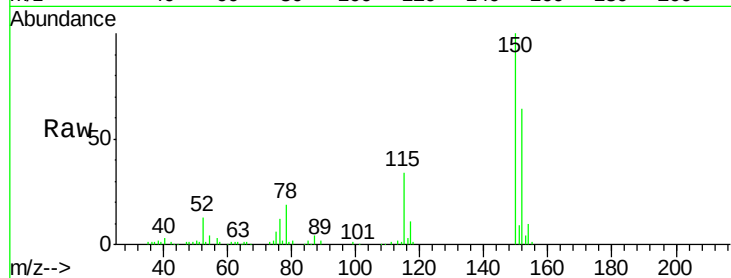


#1

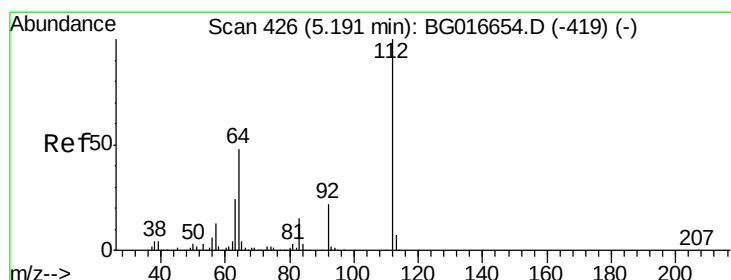
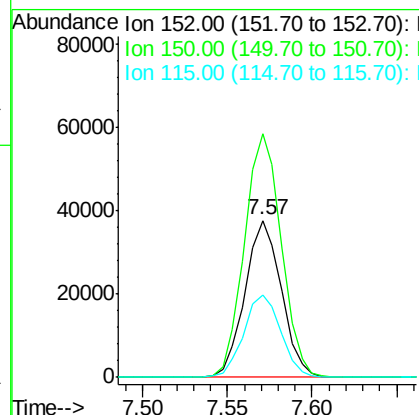
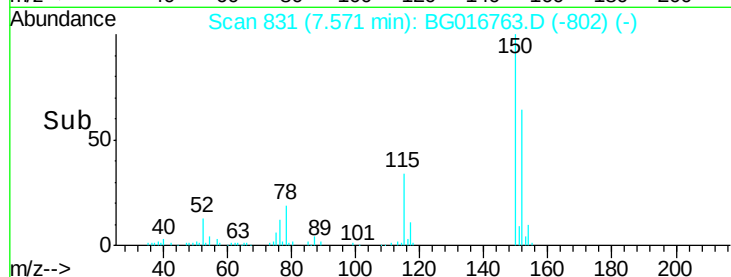
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.03 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Instrument :
BNA_G
ClientSampleId :
SB-74D

Tot Ion	152	Resp	56449
Ion Ratio	Lower	Upper	
152	100		
150	155.1	129.6	194.4
115	52.4	43.0	64.6



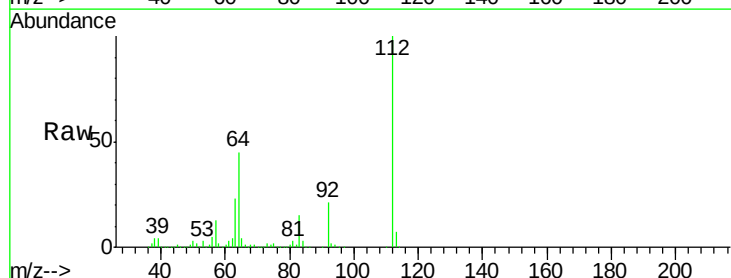
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



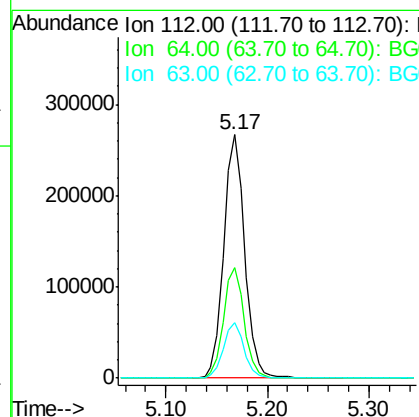
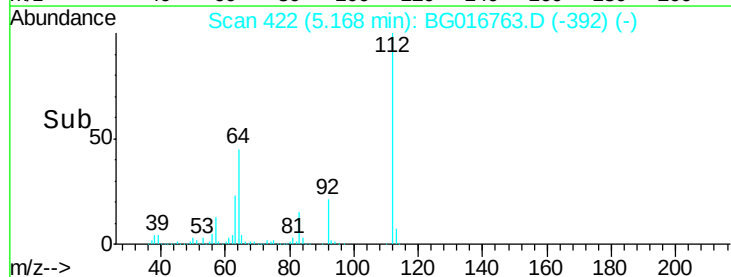
#5

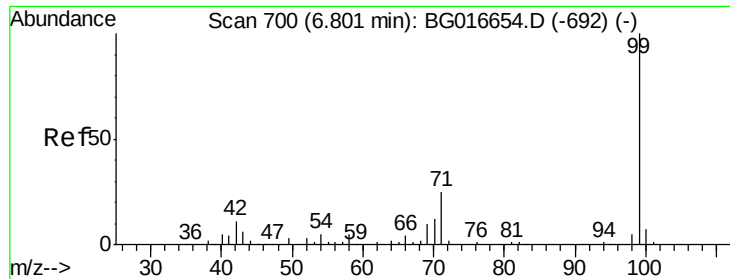
2-Fluorophenol
Concen: 109.95 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Tgt Ion	112	Resp	382488
Ion Ratio	Lower	Upper	
112	100		
64	45.3	38.3	57.5
63	22.7	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.81 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

Instrument :

BNA_G

ClientSampleId :

SB-74D

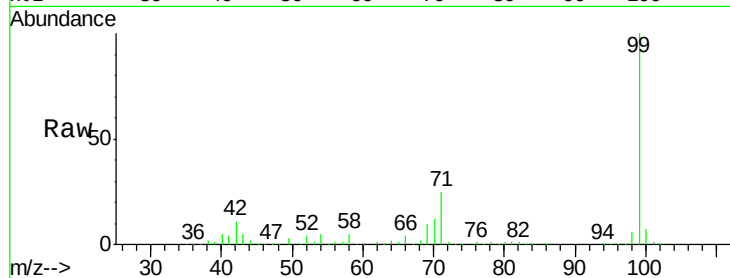
Tot Ion: 99 Resp: 511500

Ion Ratio Lower Upper

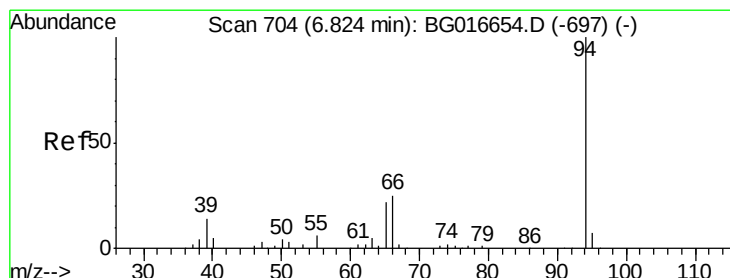
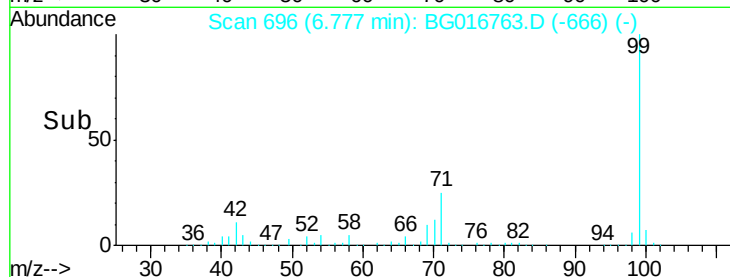
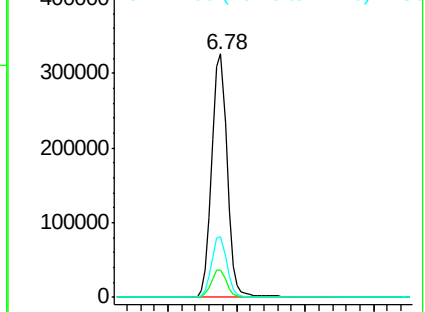
99 100

42 11.4 8.8 13.2

71 24.7 19.9 29.9



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: 2.78 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

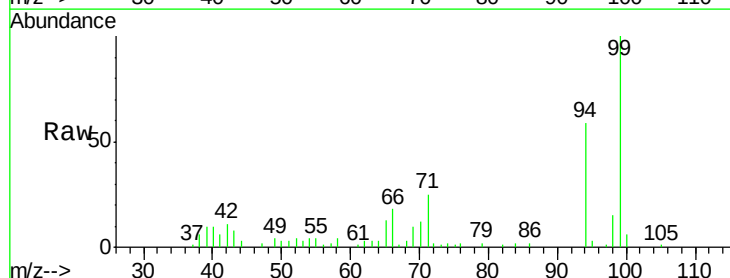
Tgt Ion: 94 Resp: 14276

Ion Ratio Lower Upper

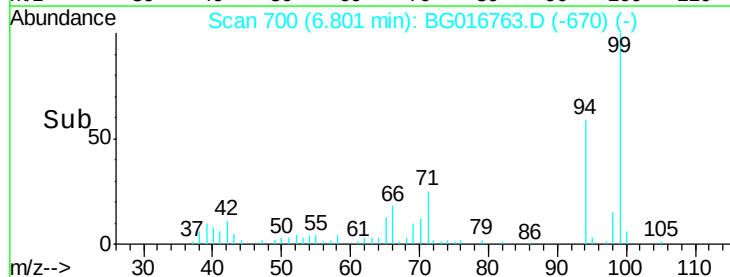
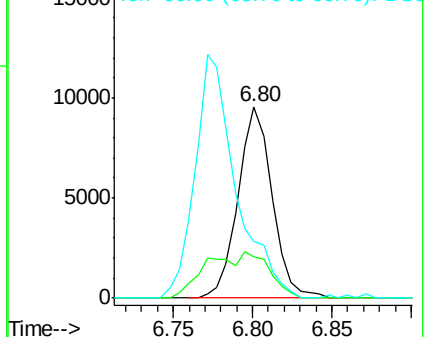
94 100

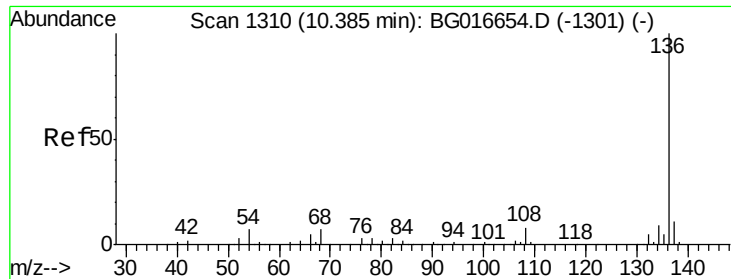
65 21.8 2.6 42.6

66 29.9 7.0 47.0



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

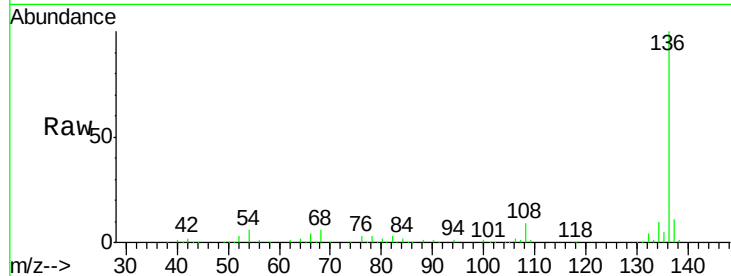




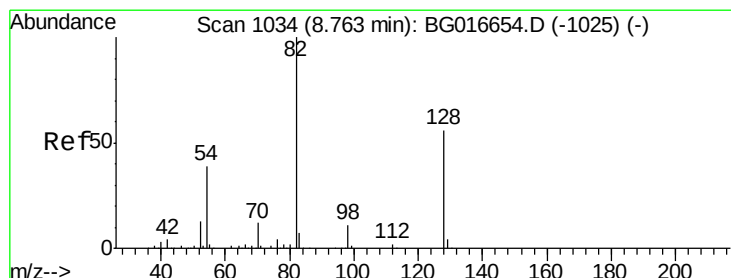
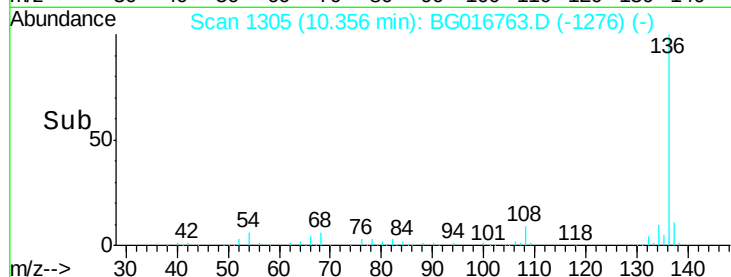
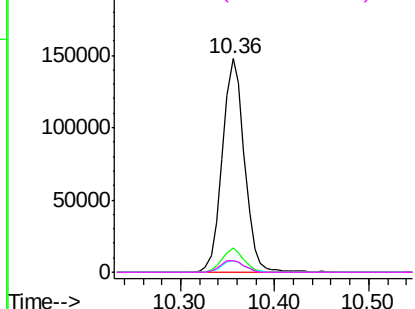
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Instrument :
BNA_G
ClientSampleId :
SB-74D

Tot Ion:136	Resp:	242764
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	5.5	5.4 8.2
68	5.5	5.2 7.8

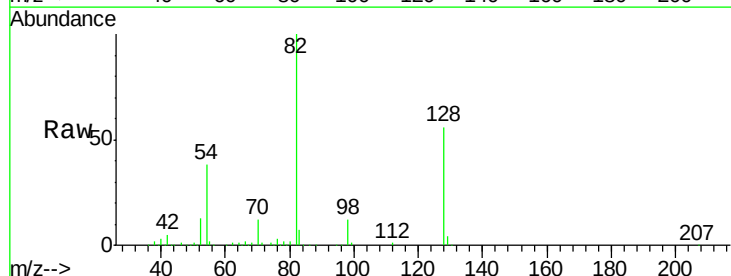


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

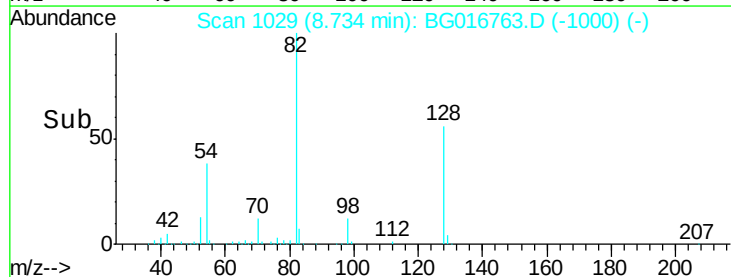
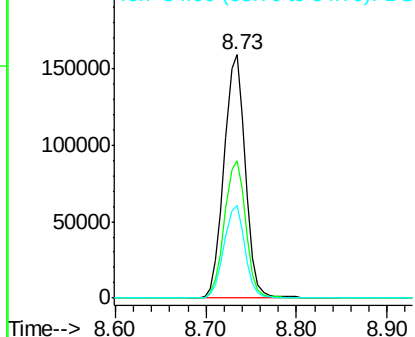


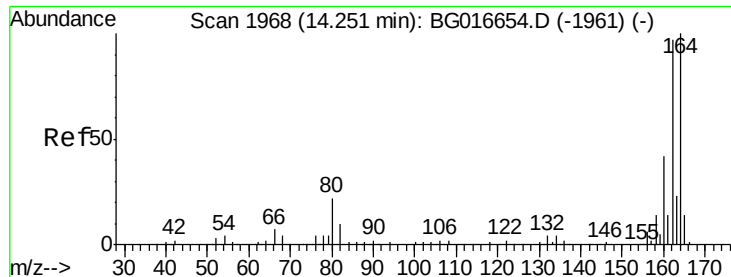
#23
Nitrobenzene-d5
Concen: 67.76 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Tgt Ion: 82	Resp:	260322
Ion	Ratio	Lower Upper
82	100	
128	56.3	44.7 67.1
54	38.0	30.9 46.3



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: 14.23 min Scan# 1964

Delta R.T. -0.02 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

Instrument :

BNA_G

ClientSampleId :

SB-74D

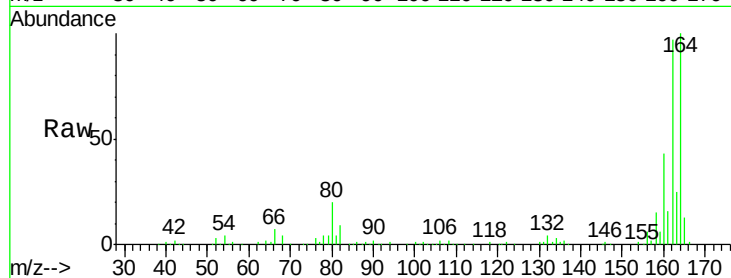
Tot Ion:164 Resp: 141666

Ion Ratio Lower Upper

164 100

162 97.5 77.3 115.9

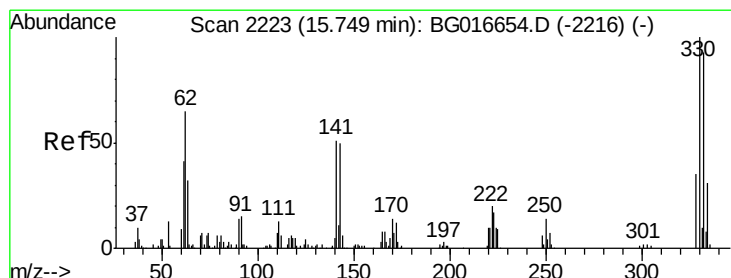
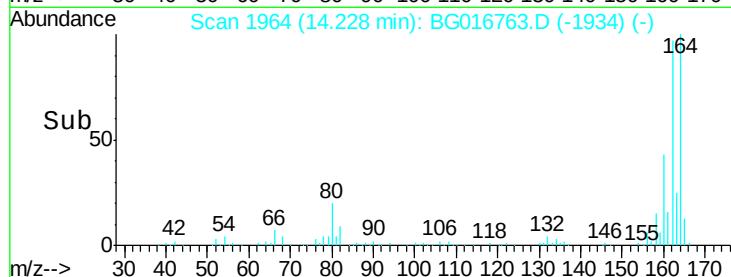
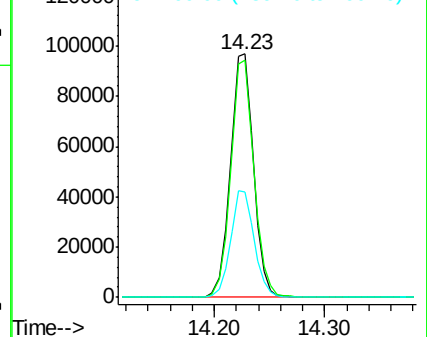
160 43.2 33.7 50.5



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: 112.80 ng

RT: 15.73 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

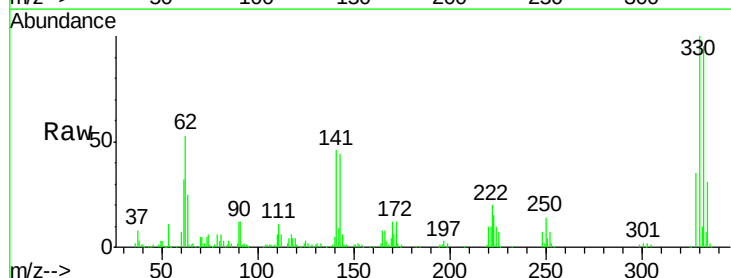
Tgt Ion:330 Resp: 118546

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

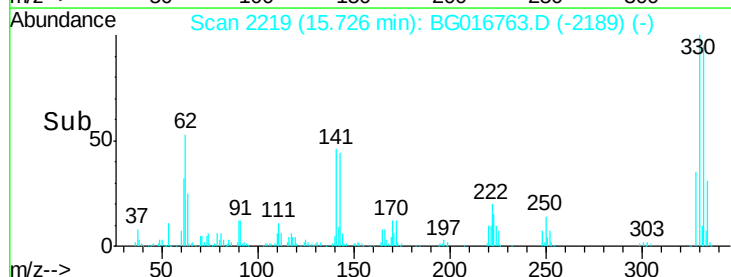
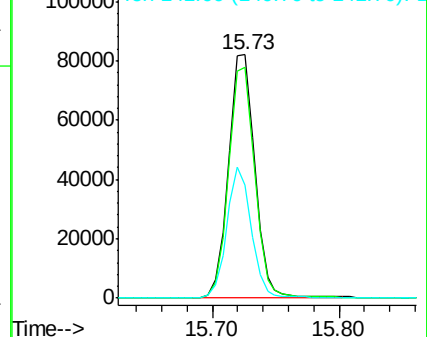
141 50.0 43.0 64.6

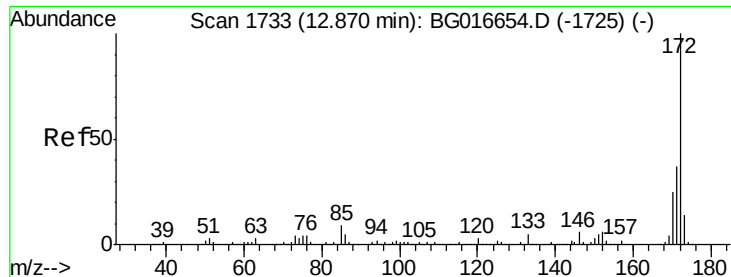


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

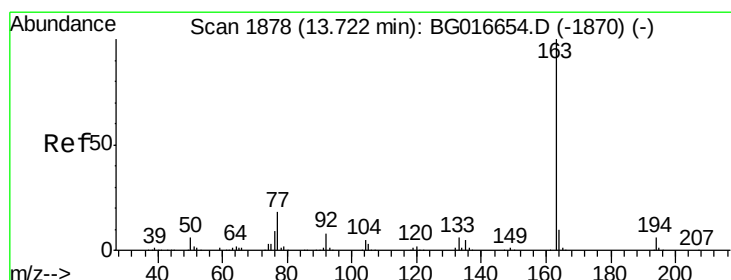
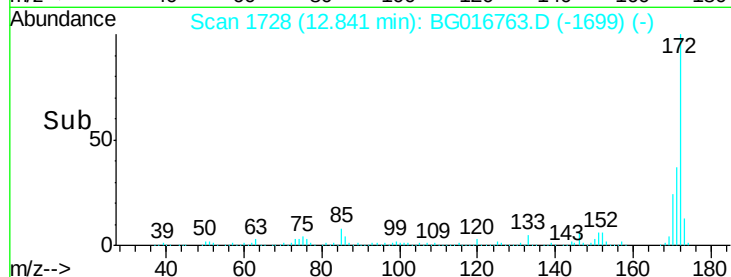
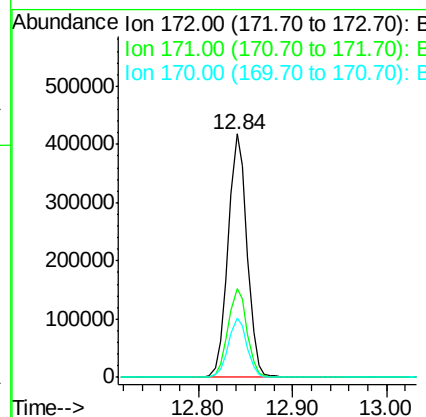
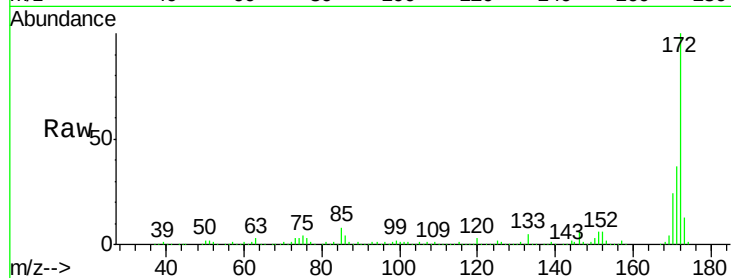




#44
2-Fluorobiphenyl
Concen: 66.64 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.03 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

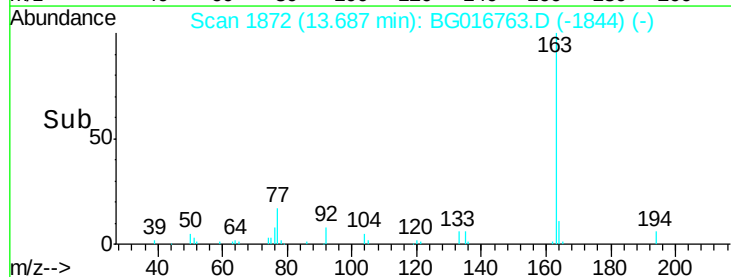
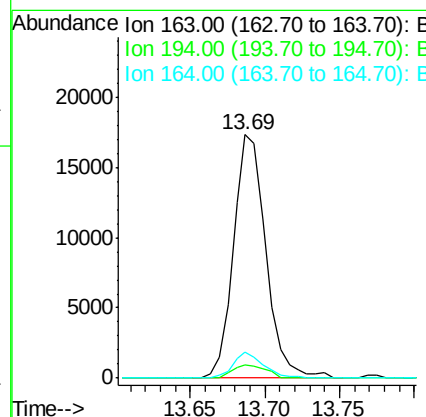
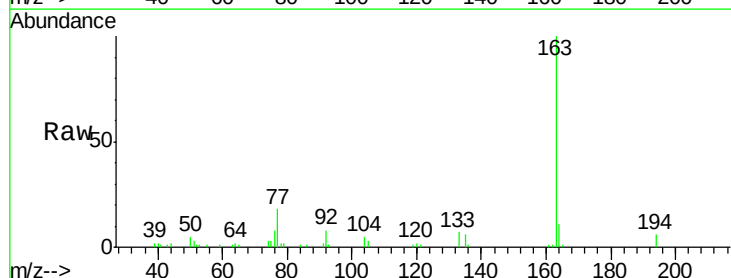
Instrument :
BNA_G
ClientSampled :
SB-74D

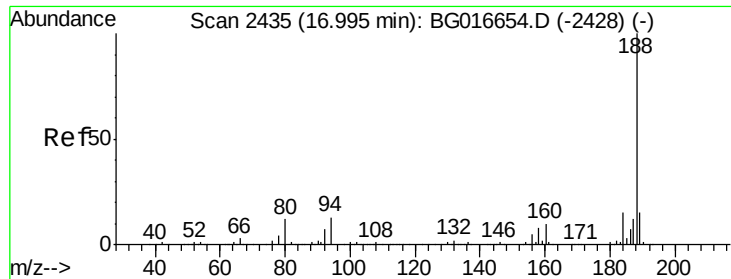
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	24.4	19.8	29.8



#49
Dimethylphthalate
Concen: 2.48 ng
RT: 13.69 min Scan# 1872
Delta R.T. -0.04 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	5.0	7.4
164	10.8	7.8	11.8

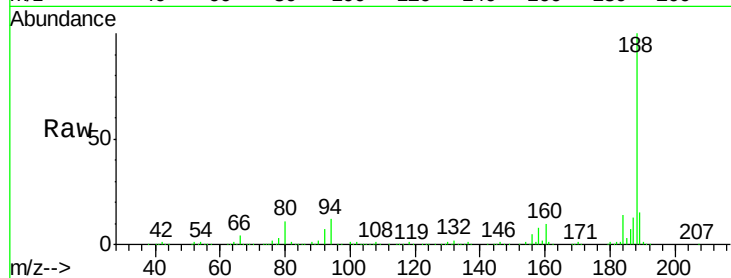




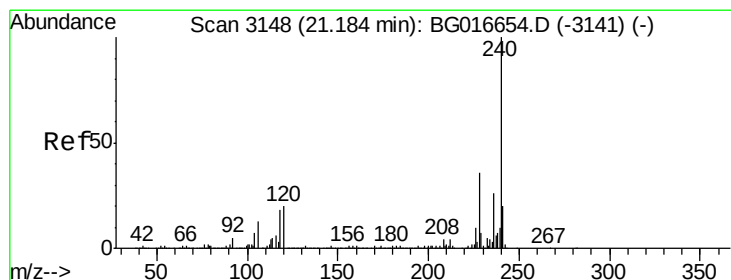
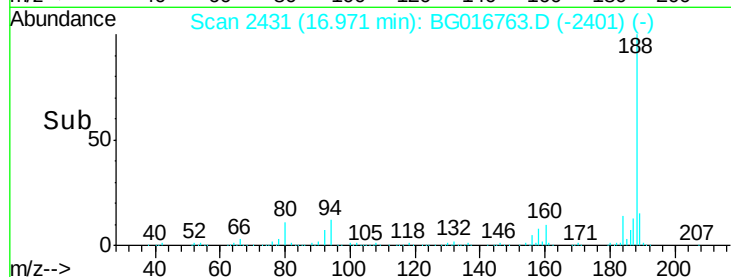
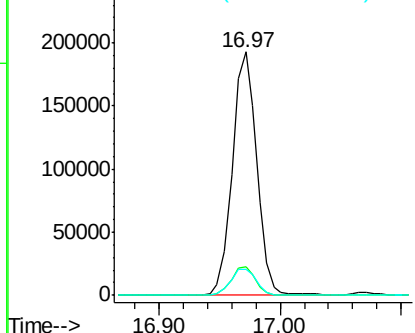
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Instrument :
BNA_G
ClientSampled :
SB-74D

Tot Ion:188 Resp: 271282
Ion Ratio Lower Upper
188 100
94 11.7 10.7 16.1
80 10.7 9.9 14.9

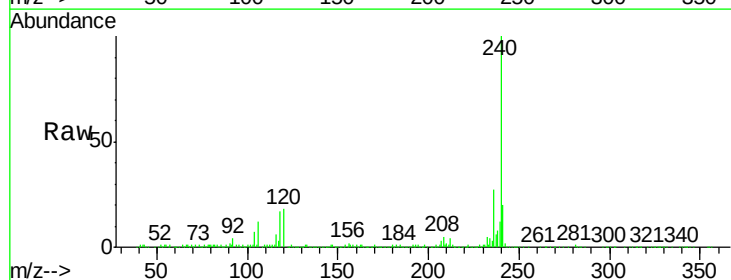


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

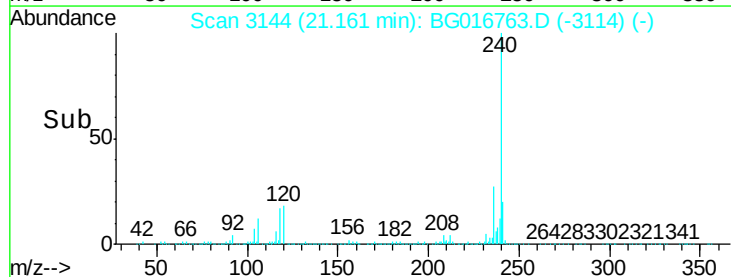
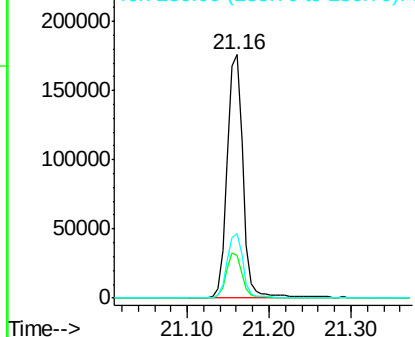


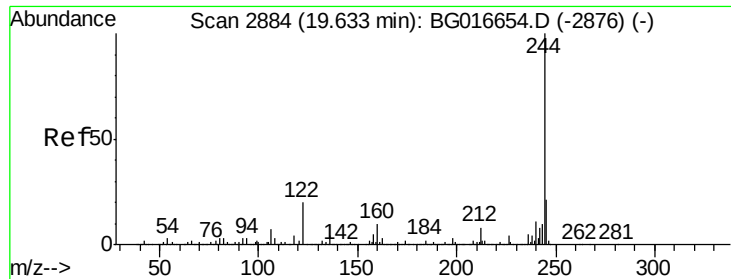
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG016763.D
Acq: 28 Apr 2015 10:56

Tgt Ion:240 Resp: 237862
Ion Ratio Lower Upper
240 100
120 17.6 16.3 24.5
236 26.6 21.1 31.7



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: 59.93 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.03 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

Instrument :

BNA_G

ClientSampleId :

SB-74D

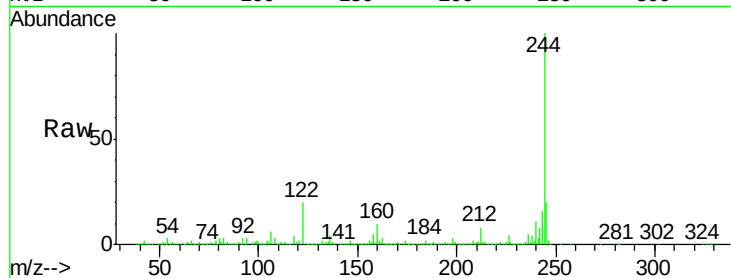
Tot Ion:244 Resp: 618887

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 19.7 15.9 23.9



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

600000

500000

400000

300000

200000

100000

0

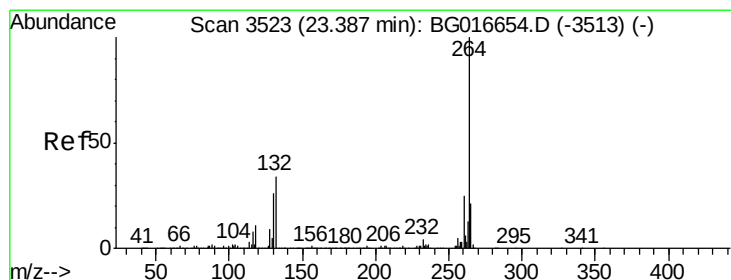
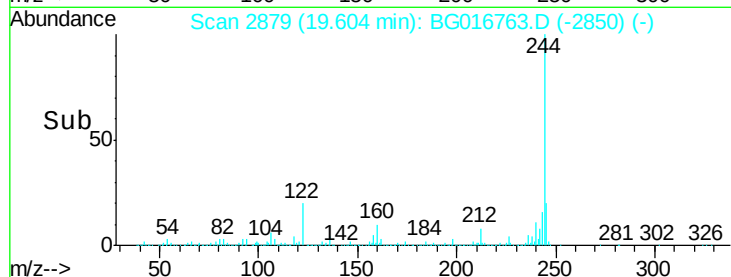
19.60

19.50

19.60

19.70

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BG016763.D

Acq: 28 Apr 2015 10:56

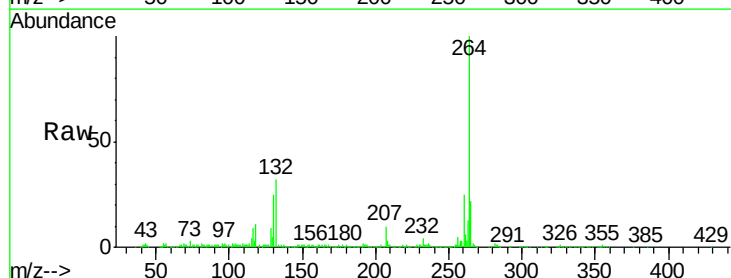
Tgt Ion:264 Resp: 229896

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.0 16.8 25.2



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

150000

100000

50000

0

23.35

23.20

23.30

23.40

23.50

Time-->

