

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017248.D
 Acq On : 22 May 2015 16:05
 Operator : TP/IZ
 Sample : G2255-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW002-150512

Quant Time: May 23 01:39:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

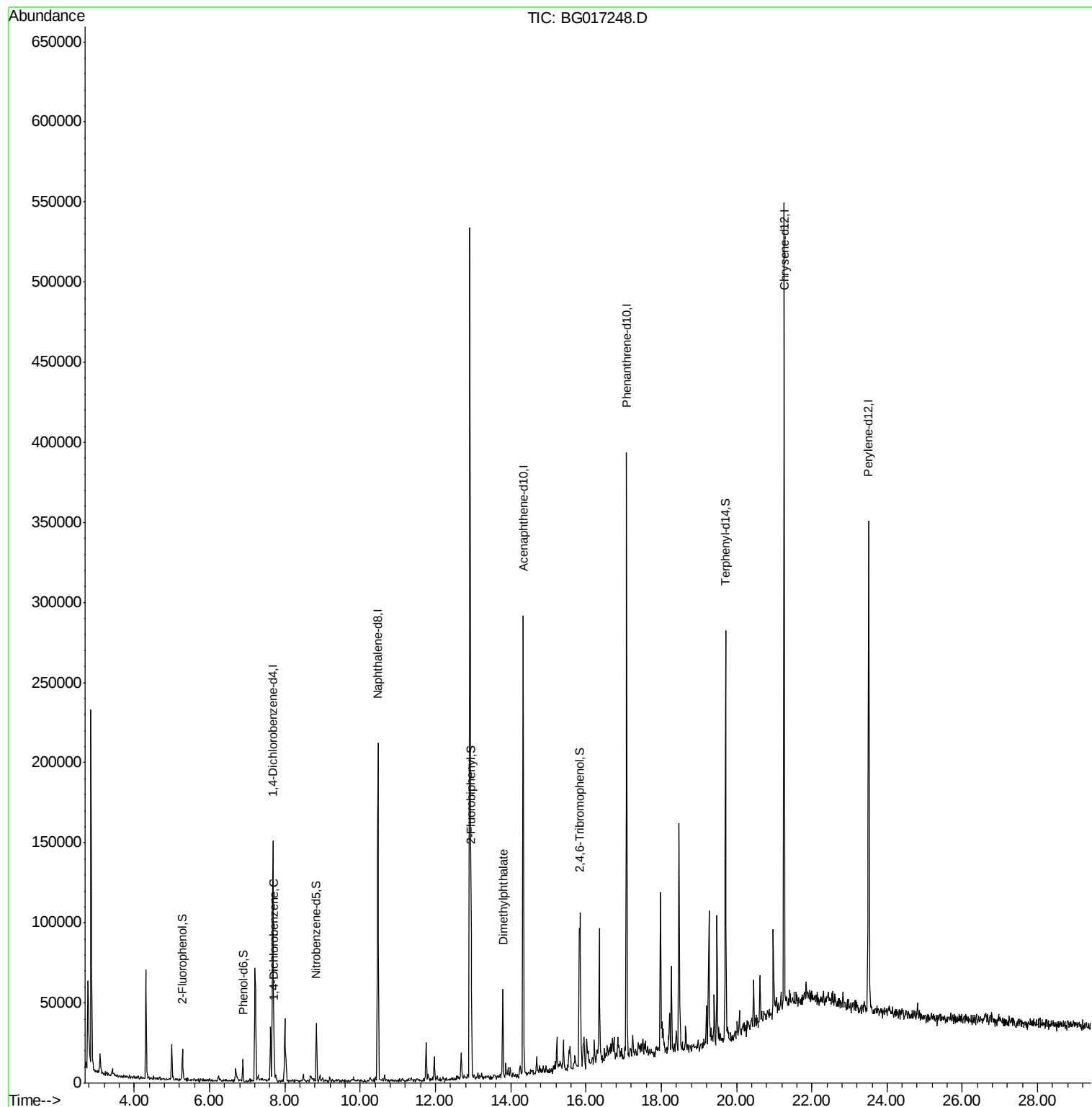
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	34701	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	149982	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	87993	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	185544	20.00	ng	0.00
75) Chrysene-d12	21.26	240	207146	20.00	ng	0.00
86) Perylene-d12	23.51	264	200241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	6706	3.43	ng	0.00
7) Phenol-d6	6.89	99	5962	2.17	ng	0.00
23) Nitrobenzene-d5	8.84	82	18384	5.72	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	11416	10.73	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	42161	7.03	ng	0.00
78) Terphenyl-d14	19.71	244	86893	8.74	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.71	146	7524	2.85	ng	# 85
49) Dimethylphthalate	13.79	163	30114	4.38	ng	# 94

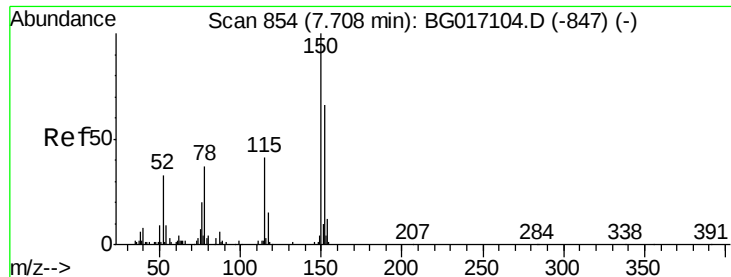
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

LF001MW002-150512

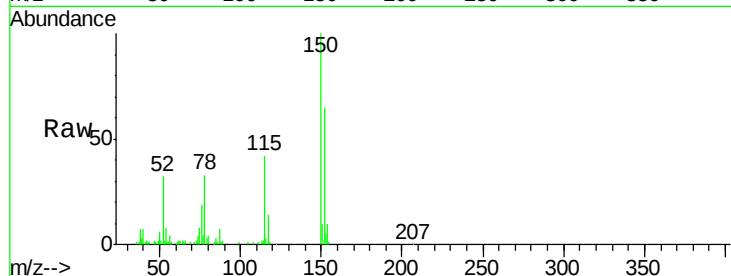
Tgt Ion:152 Resp: 34701

Ion Ratio Lower Upper

152 100

150 153.6 120.8 181.2

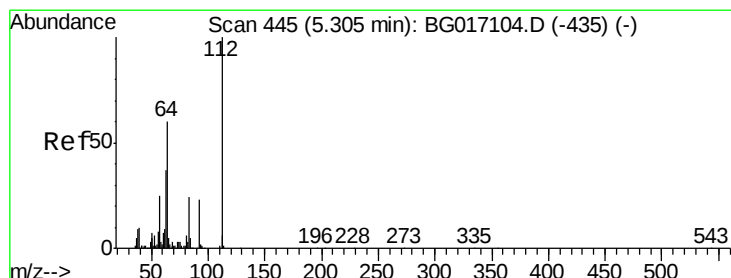
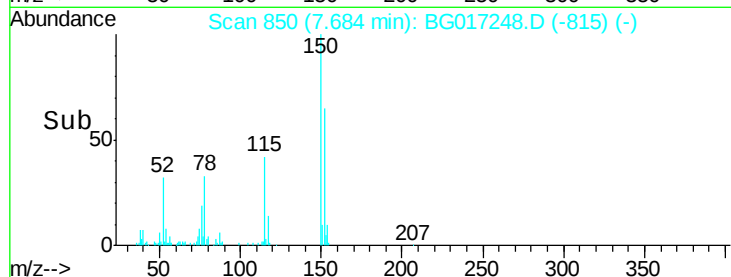
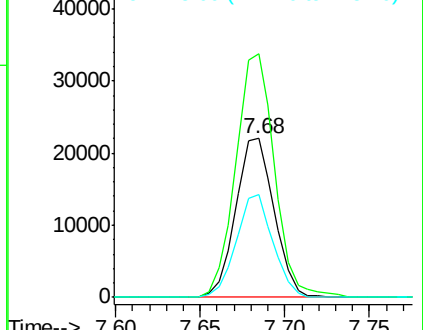
115 64.7 49.4 74.2



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: 3.43 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

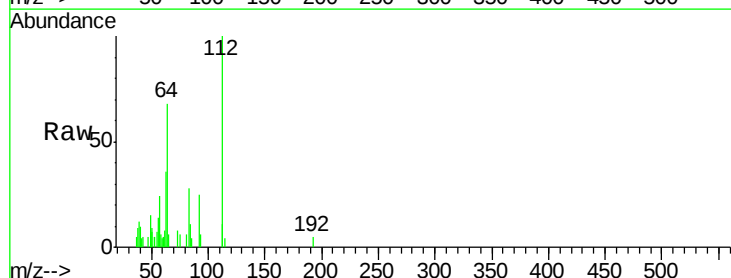
Tgt Ion:112 Resp: 6706

Ion Ratio Lower Upper

112 100

64 68.4 48.1 72.1

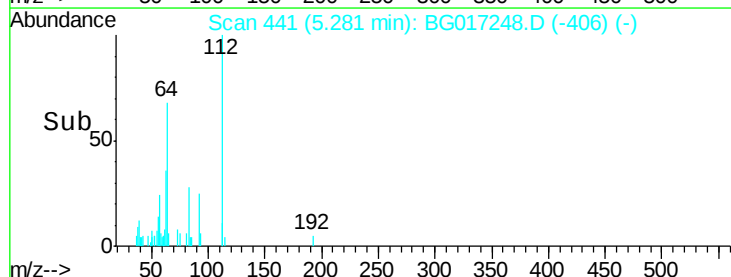
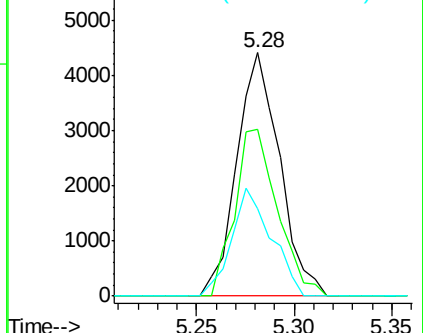
63 35.8 29.8 44.8

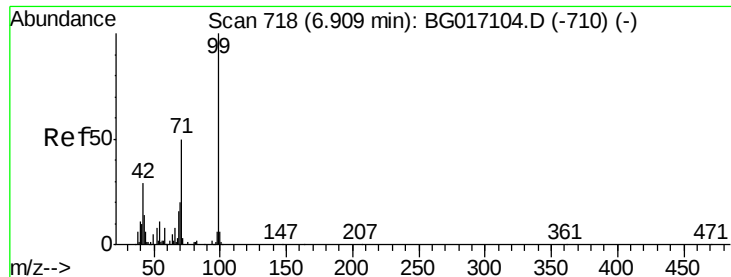


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.17 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

LF001MW002-150512

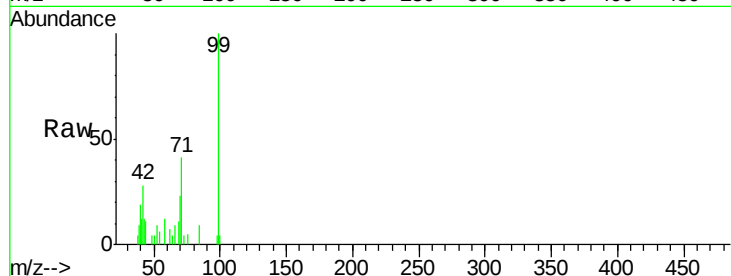
Tgt Ion: 99 Resp: 5962

Ion Ratio Lower Upper

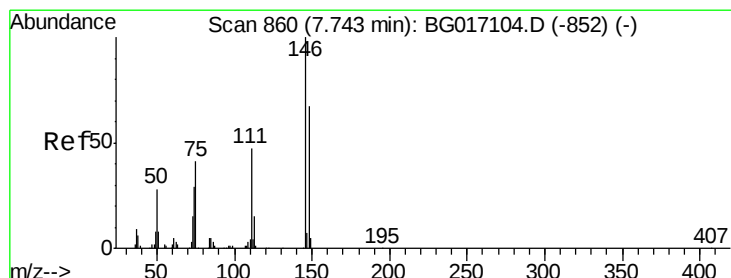
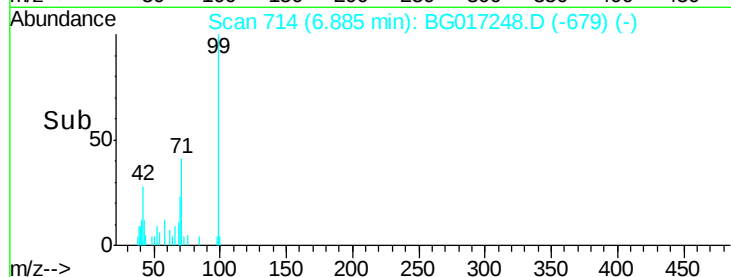
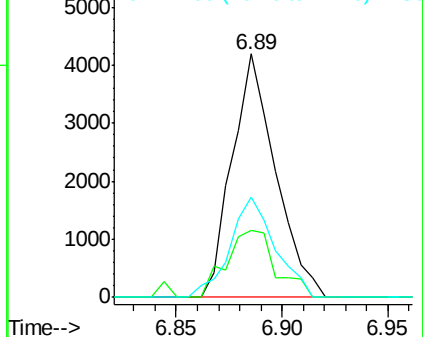
99 100

42 27.7 23.5 35.3

71 41.2 39.8 59.8



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



#13

1,4-Dichlorobenzene

Concen: 2.85 ng

RT: 7.71 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

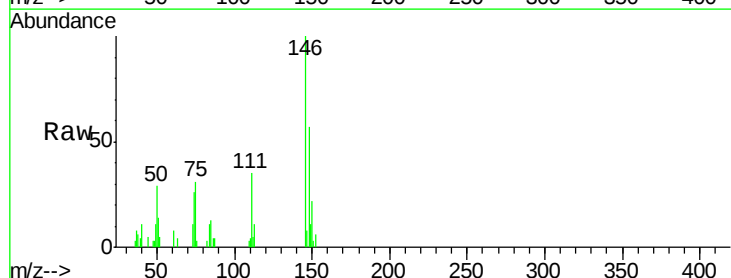
Tgt Ion: 146 Resp: 7524

Ion Ratio Lower Upper

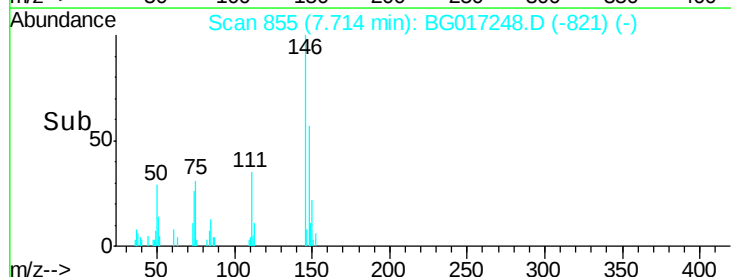
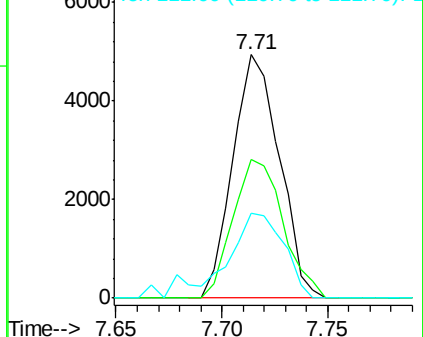
146 100

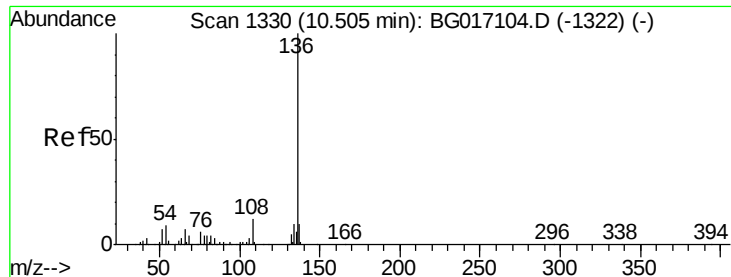
148 57.0 53.9 80.9

111 34.7 37.9 56.9#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 111.00 (110.70 to 111.70): BGC

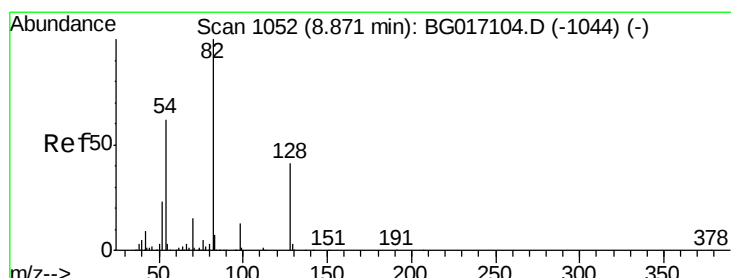
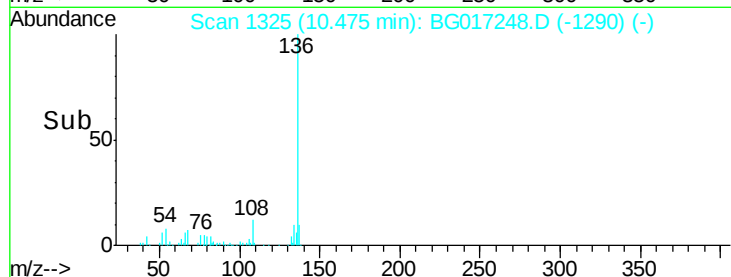
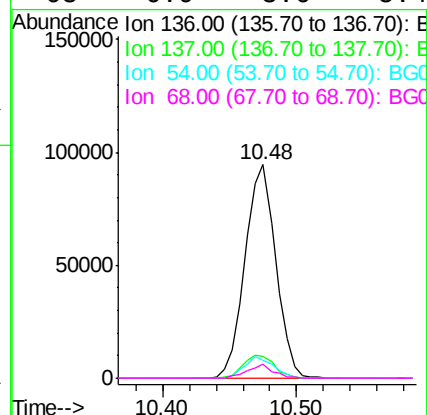
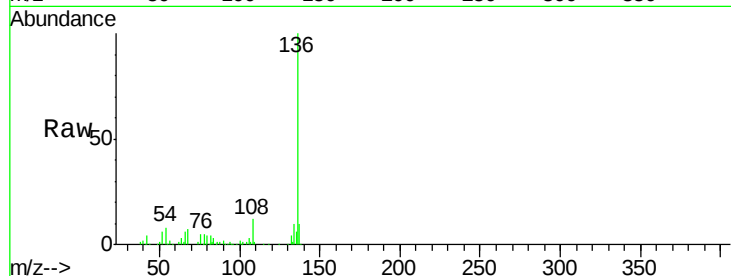




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

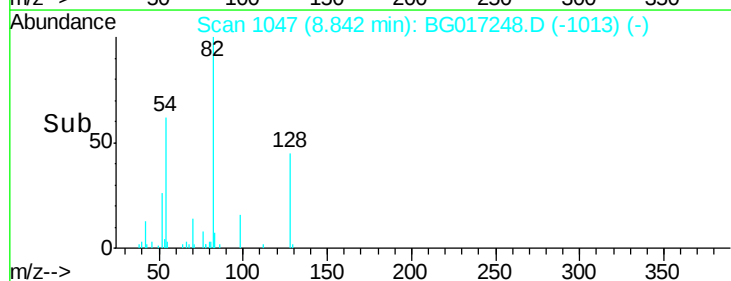
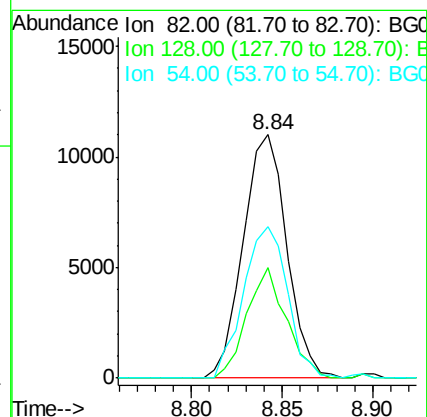
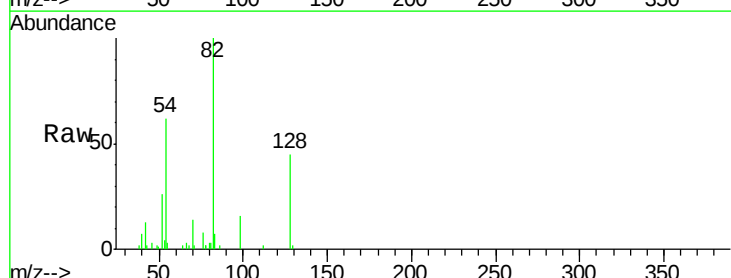
Instrument :
BNA_G
ClientSampleId :
LF001MW002-150512

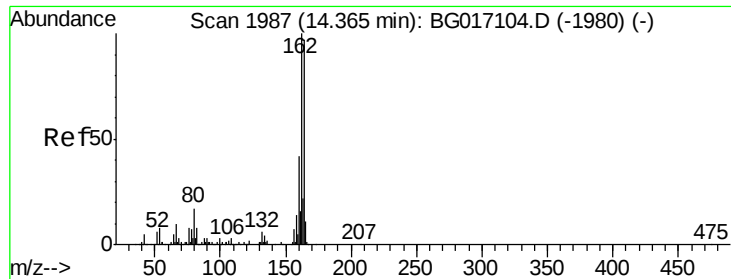
Tgt Ion:	136	Resp:	149982
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	8.2	7.4	11.2
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 5.72 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

Tgt Ion:	82	Resp:	18384
Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	49.0
54	62.0	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

LF001MW002-150512

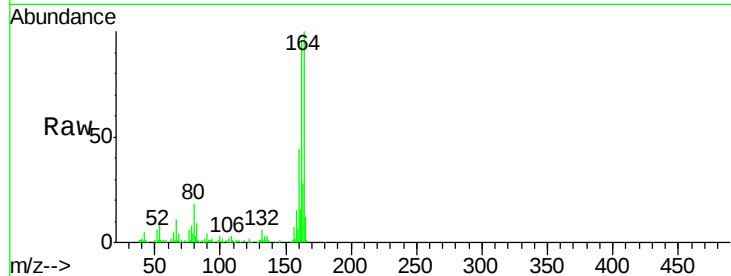
Tgt Ion:164 Resp: 87993

Ion Ratio Lower Upper

164 100

162 96.4 82.1 123.1

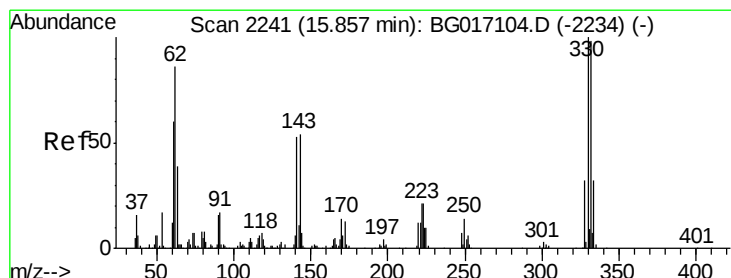
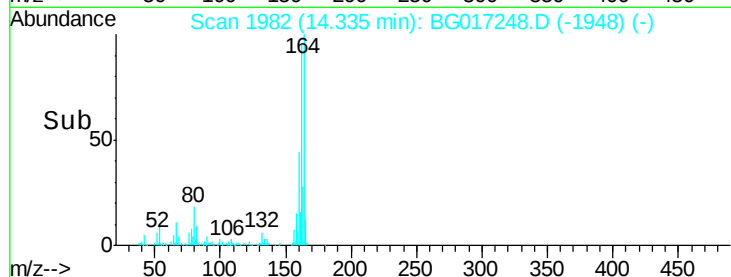
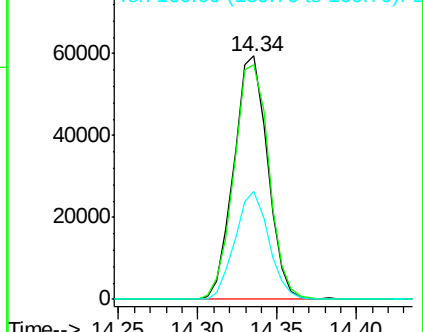
160 44.4 34.8 52.2



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: 10.73 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

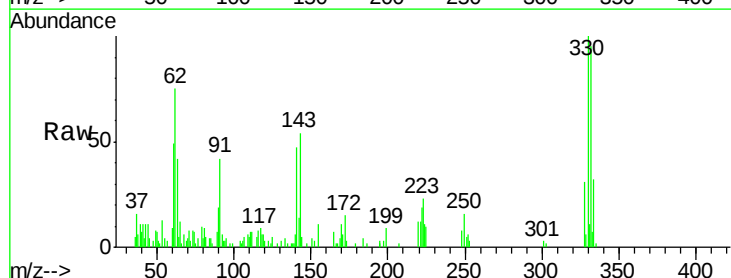
Tgt Ion:330 Resp: 11416

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

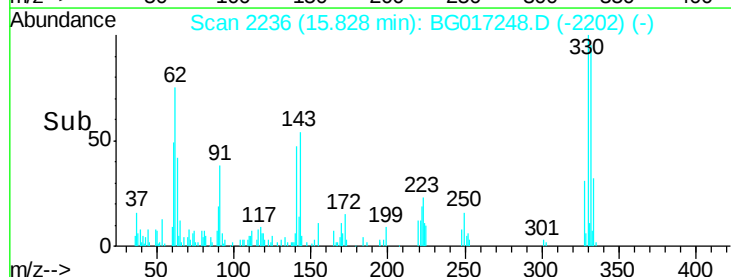
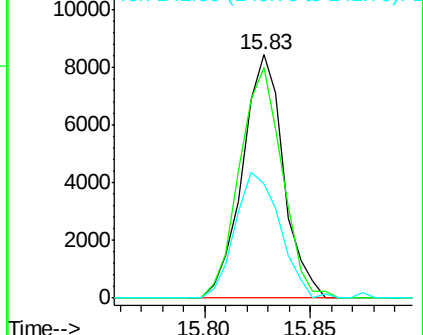
141 56.0 42.2 63.2

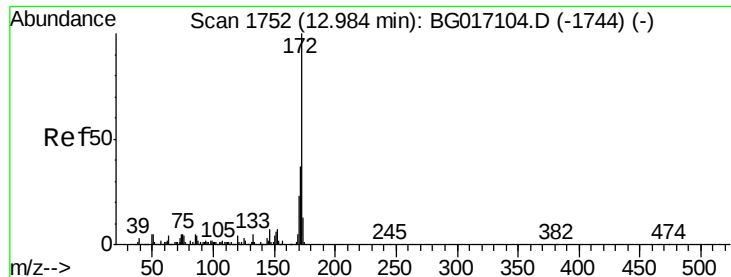


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

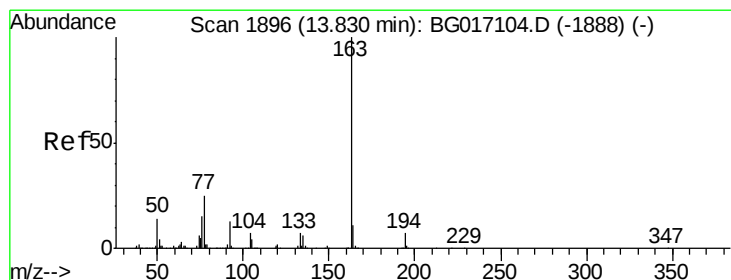
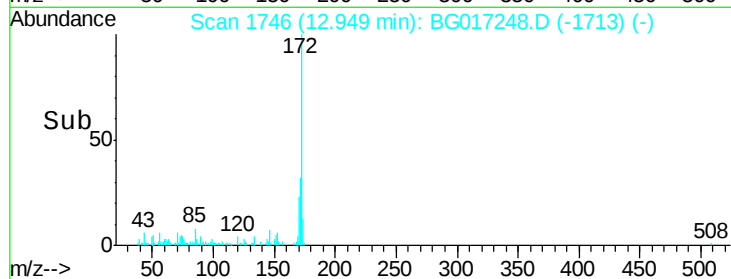
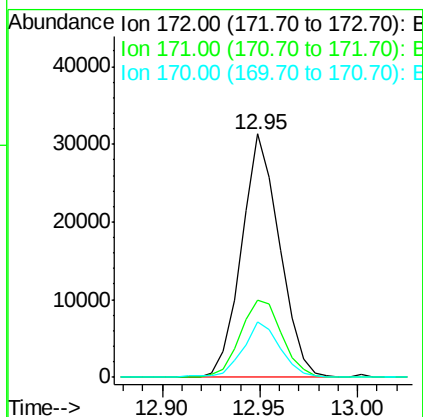
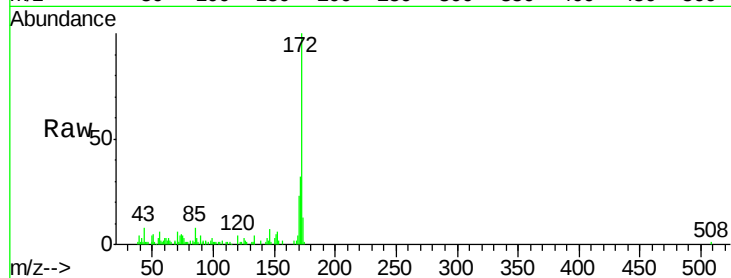




#44
2-Fluorobiphenyl
Concen: 7.03 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

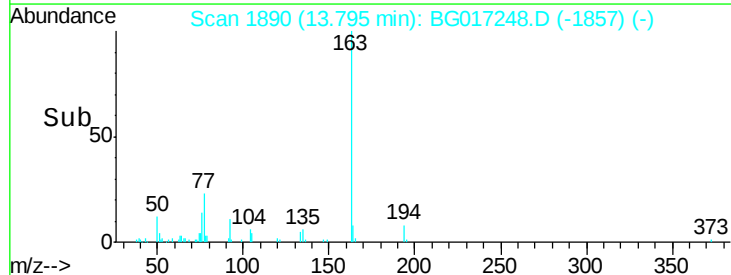
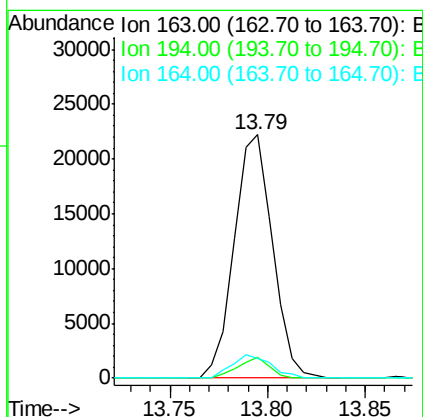
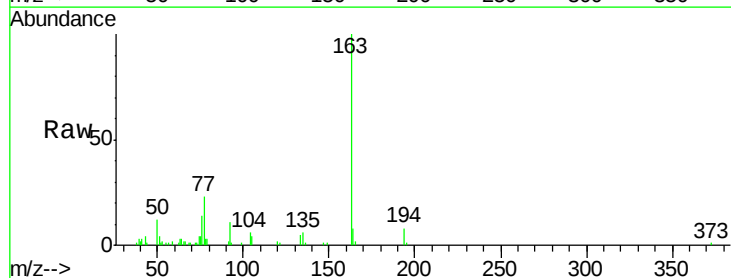
Instrument :
BNA_G
ClientSampleId :
LF001MW002-150512

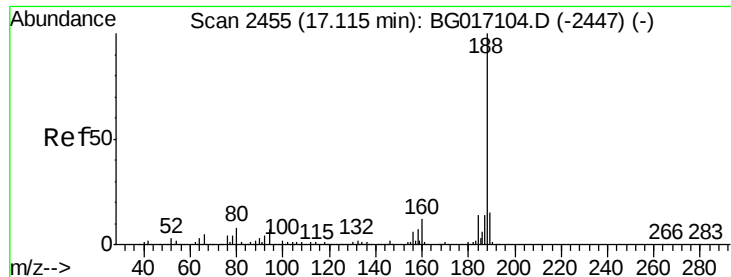
Tgt Ion:172 Resp: 42161
Ion Ratio Lower Upper
172 100
171 32.0 29.7 44.5
170 22.7 18.4 27.6



#49
Dimethylphthalate
Concen: 4.38 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

Tgt Ion:163 Resp: 30114
Ion Ratio Lower Upper
163 100
194 8.5 5.6 8.4#
164 7.8 8.6 13.0#

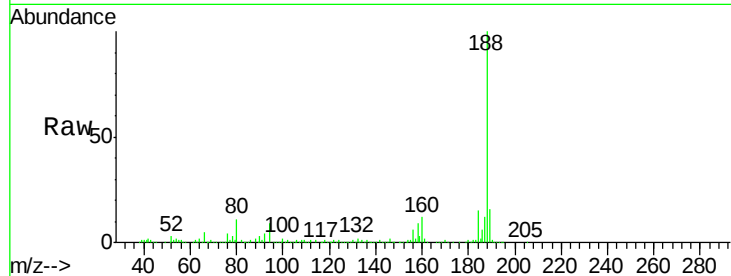




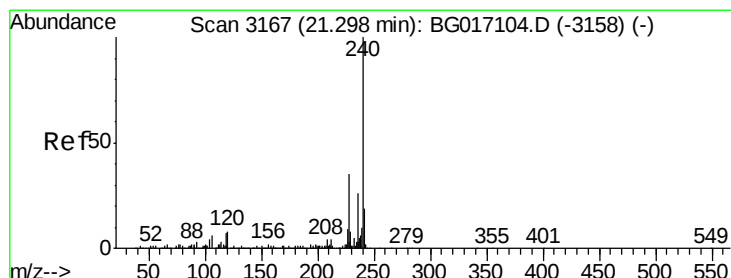
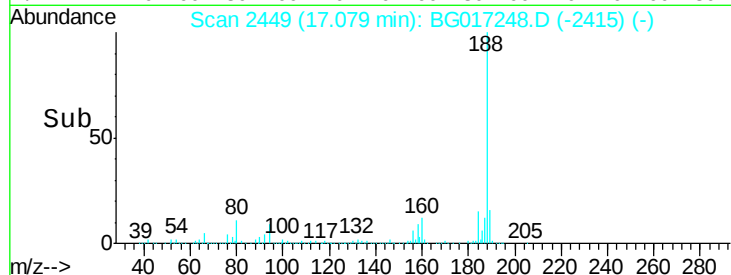
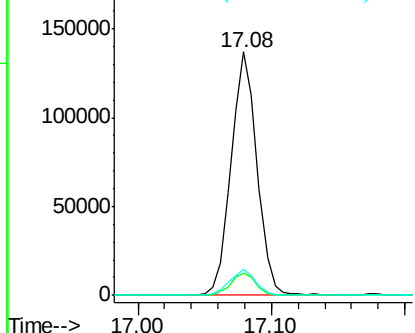
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

Instrument :
BNA_G
ClientSampleId :
LF001MW002-150512

Tgt Ion:188 Resp: 185544
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.6#
80 10.6 6.5 9.7#

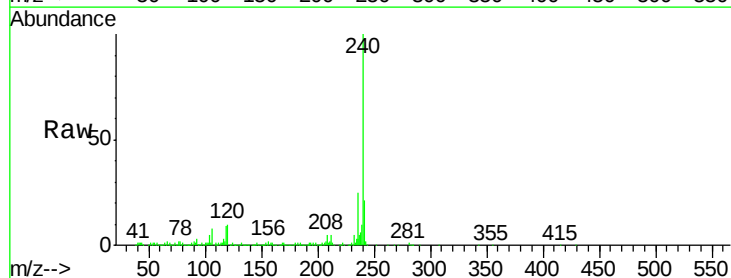


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

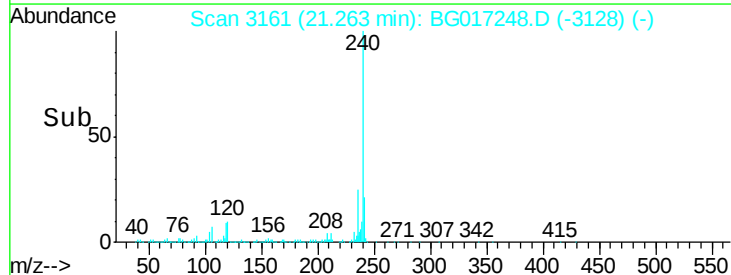
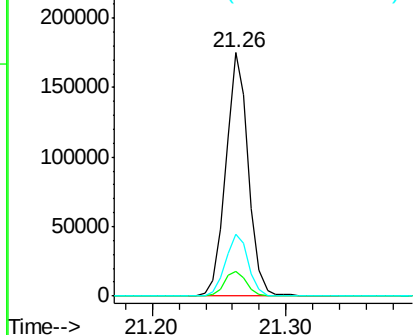


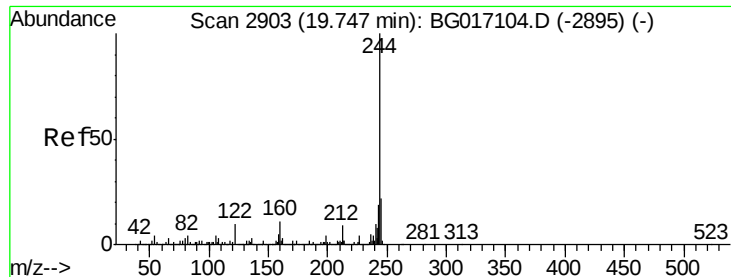
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017248.D
Acq: 22 May 2015 16:05

Tgt Ion:240 Resp: 207146
Ion Ratio Lower Upper
240 100
120 10.2 6.0 9.0#
236 25.4 20.5 30.7



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: 8.74 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

LF001MW002-150512

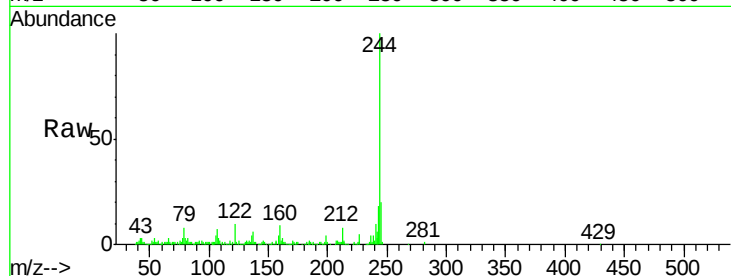
Tgt Ion:244 Resp: 86893

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

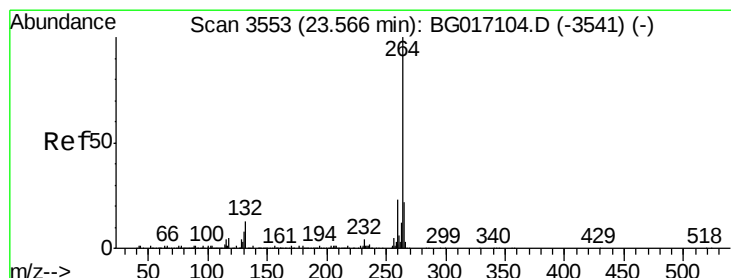
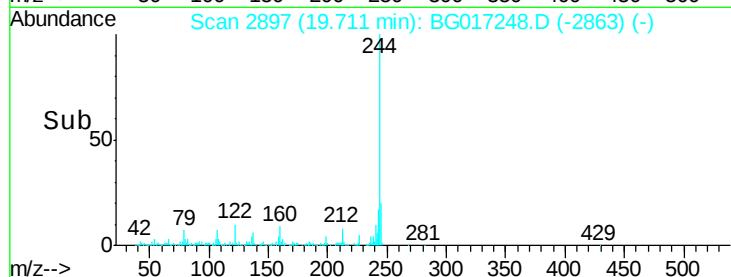
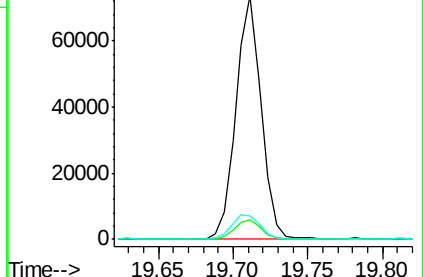
122 9.6 8.4 12.6



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: 23.51 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG017248.D

Acq: 22 May 2015 16:05

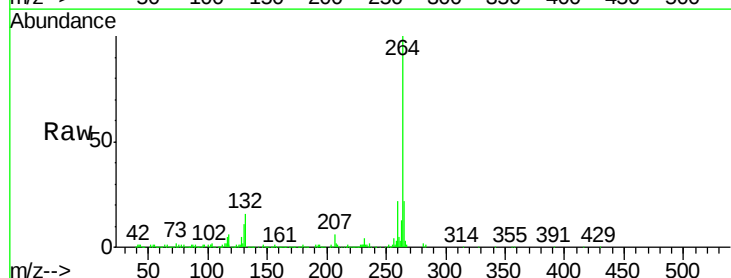
Tgt Ion:264 Resp: 200241

Ion Ratio Lower Upper

264 100

260 22.1 18.0 27.0

265 22.5 17.4 26.0



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

