

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
 Data File : BG015872.D
 Acq On : 9 Jan 2015 16:38
 Operator : TP/IZ
 Sample : G1042-03
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DIN46-WASTE-COMPOSITE-3

Quant Time: Jan 10 01:37:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

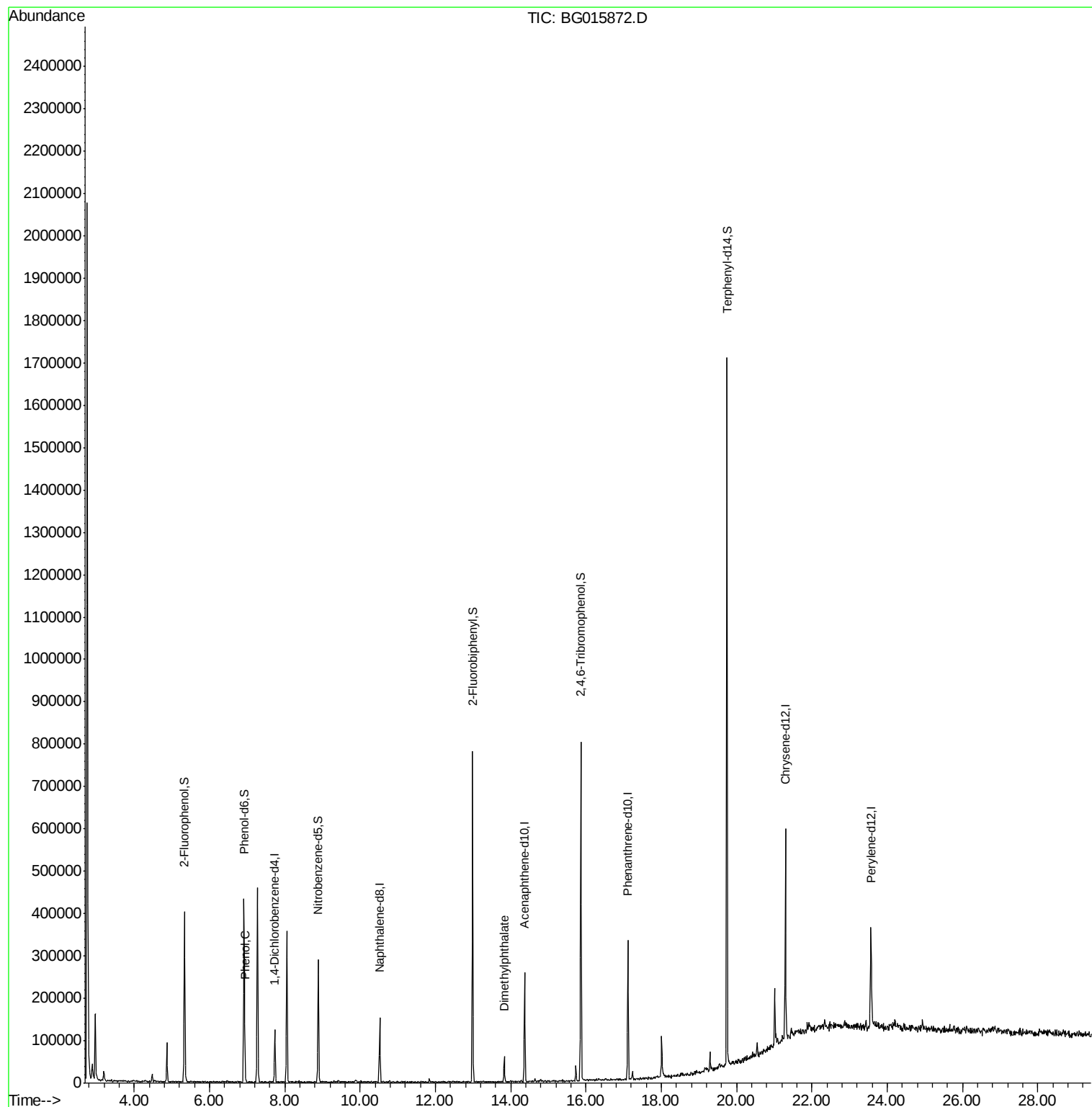
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27840	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	104976	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	84253	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	187541	20.00	ng	0.00
75) Chrysene-d12	21.30	240	251172	20.00	ng	0.00
86) Perylene-d12	23.57	264	217632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	161223	49.80	ng	0.00
7) Phenol-d6	6.92	99	228762	50.74	ng	0.00
23) Nitrobenzene-d5	8.89	82	163277	30.52	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	145676	45.48	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	350967	29.75	ng	0.00
78) Terphenyl-d14	19.74	244	703866	31.31	ng	0.00
Target Compounds						
10) Phenol	6.94	94	5840	2.38	ng	86
49) Dimethylphthalate	13.83	163	32125	5.17	ng	97

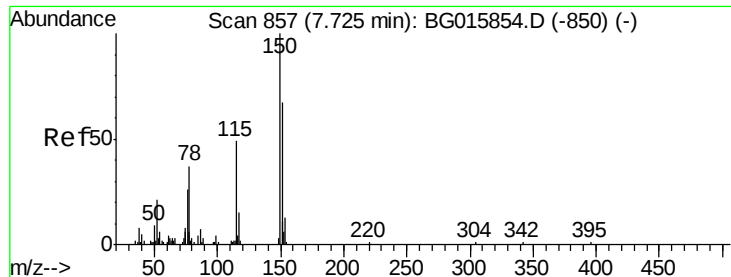
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 859

Delta R.T. 0.01 min

Lab File: BG015872.D

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Instrument :

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ClientSampleId :

DIN46-WASTE-COMPOSITE-3

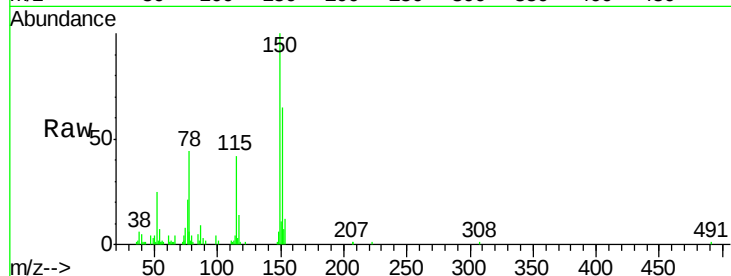
Tgt Ion:152 Resp: 27840

Ion Ratio Lower Upper

152 100

150 153.2 120.5 180.7

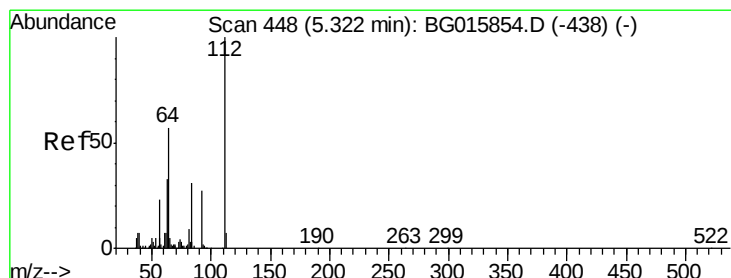
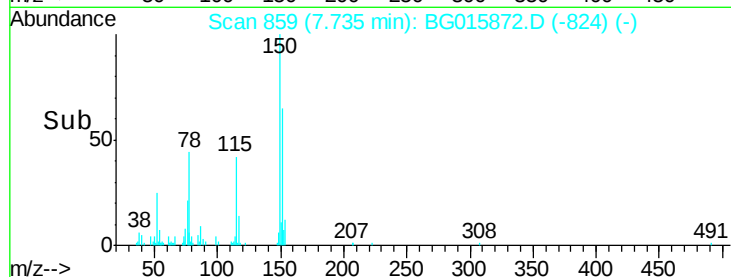
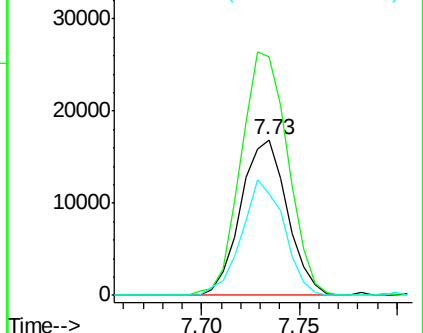
115 65.0 54.0 81.0



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: 49.80 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

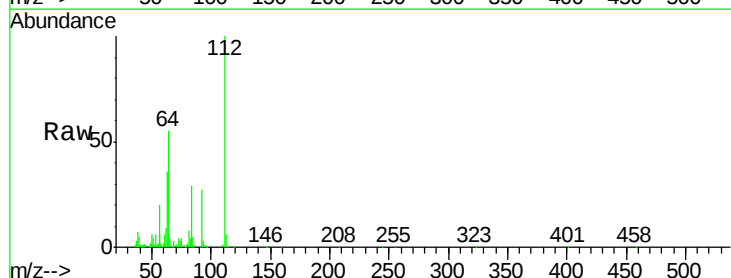
Tgt Ion:112 Resp: 161223

Ion Ratio Lower Upper

112 100

64 55.4 46.8 70.2

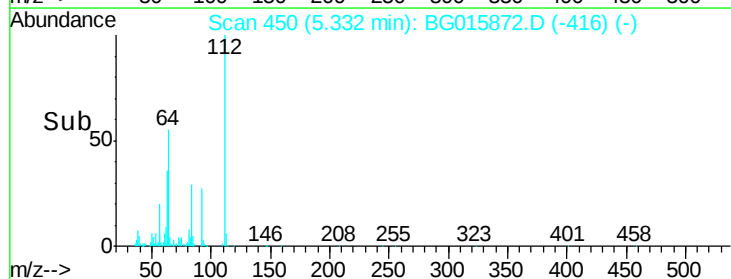
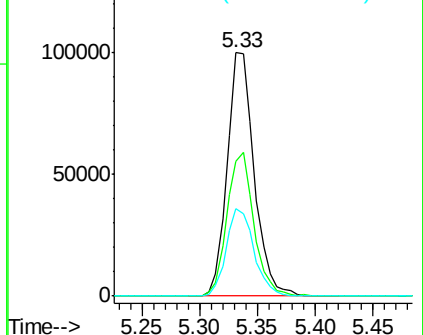
63 35.8 30.6 45.8

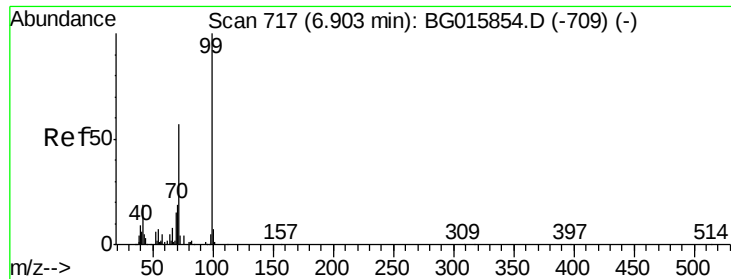


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.74 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

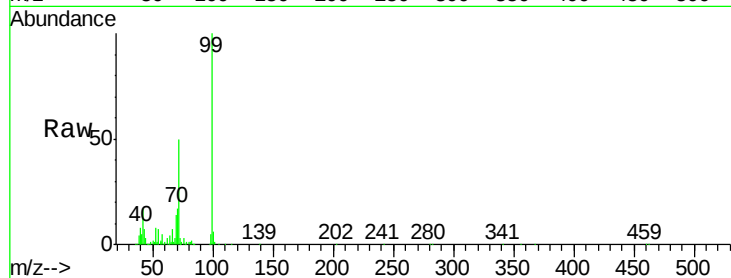
Tgt Ion: 99 Resp: 228762

Ion Ratio Lower Upper

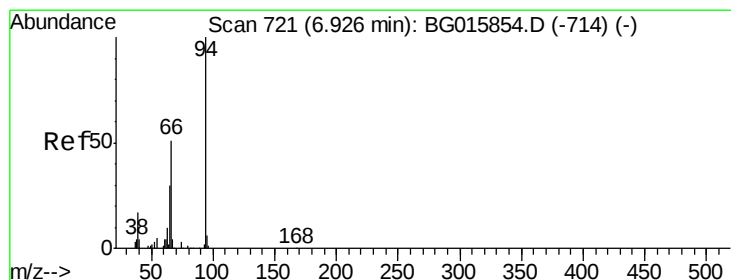
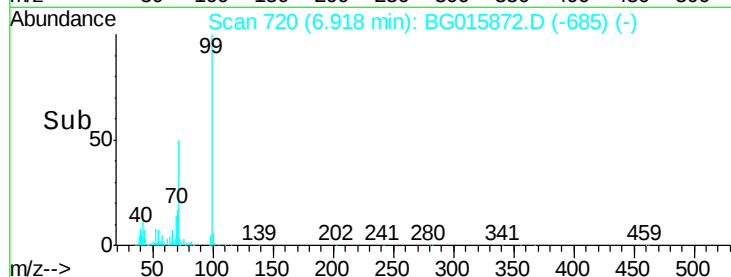
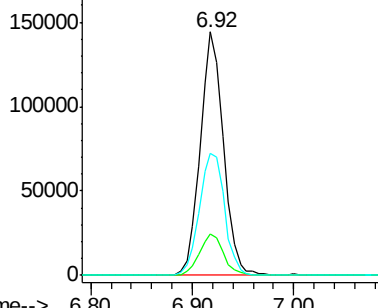
99 100

42 16.9 13.8 20.8

71 49.9 42.8 64.2



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: 2.38 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

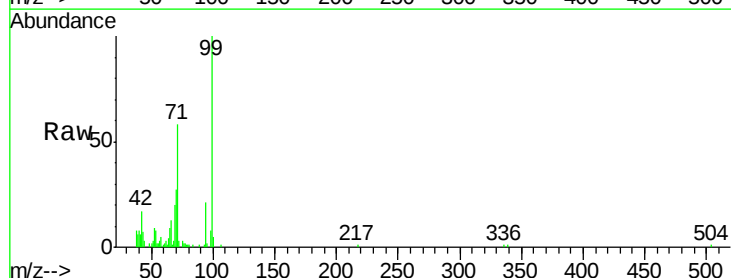
Tgt Ion: 94 Resp: 5840

Ion Ratio Lower Upper

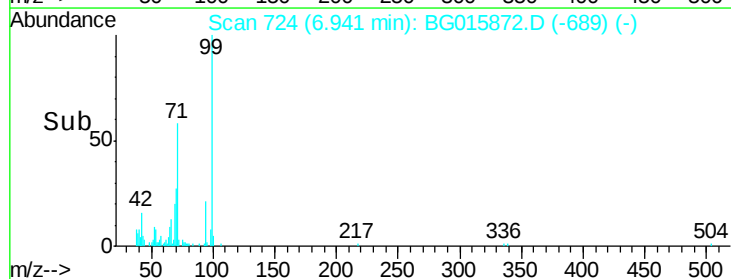
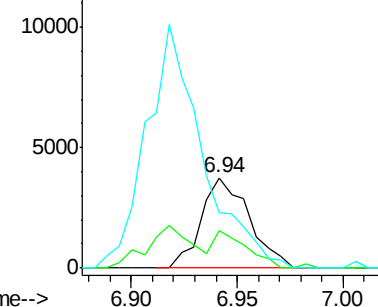
94 100

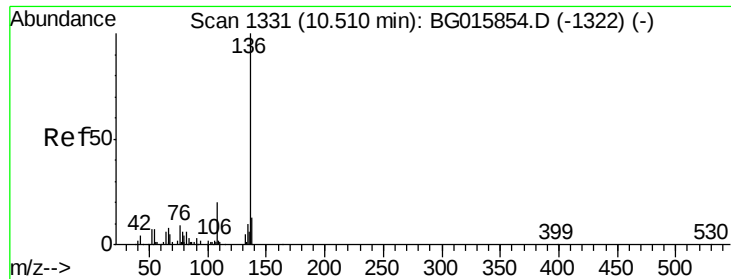
65 41.5 9.7 49.7

66 61.1 33.8 73.8



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

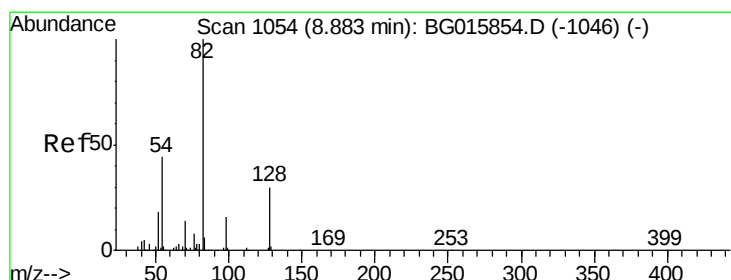
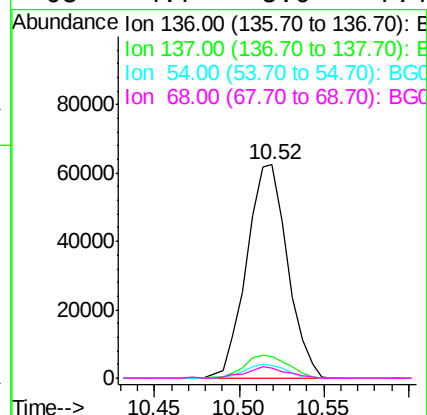
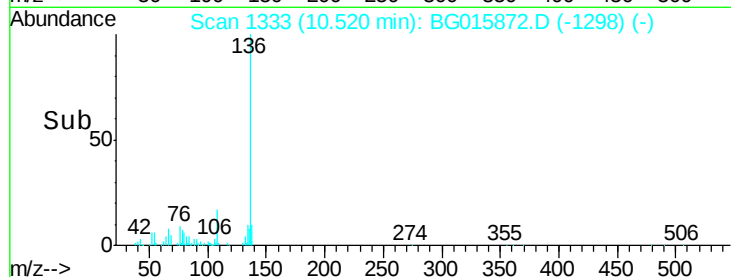
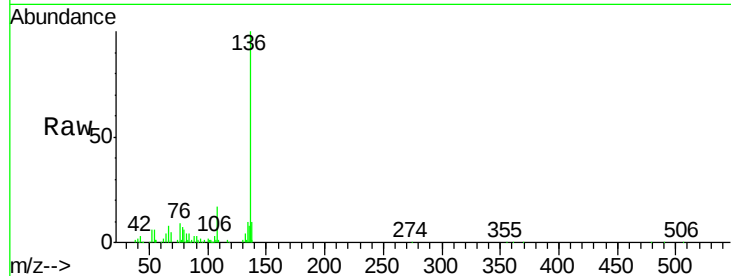




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

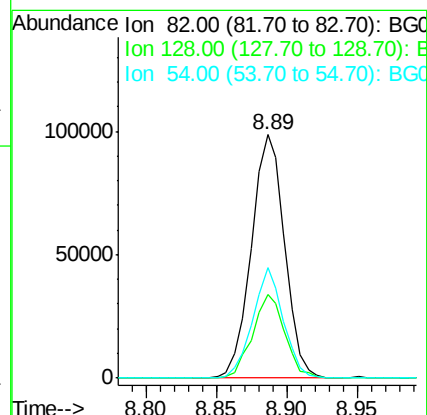
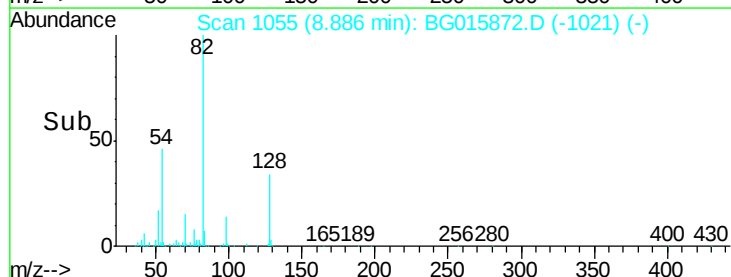
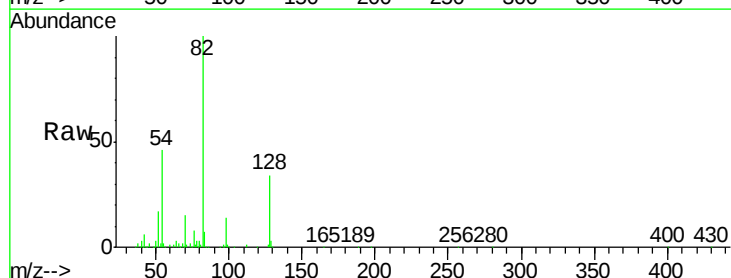
Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

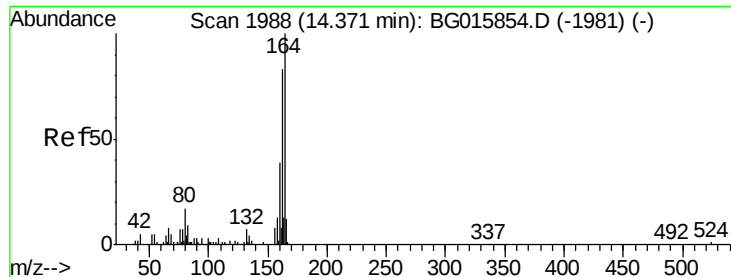
Tgt Ion:	136	Resp:	104976
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	6.3	4.5	6.7
68	4.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 30.52 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:	82	Resp:	163277
Ion	Ratio	Lower	Upper
82	100		
128	34.5	23.4	35.0
54	45.6	32.3	48.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

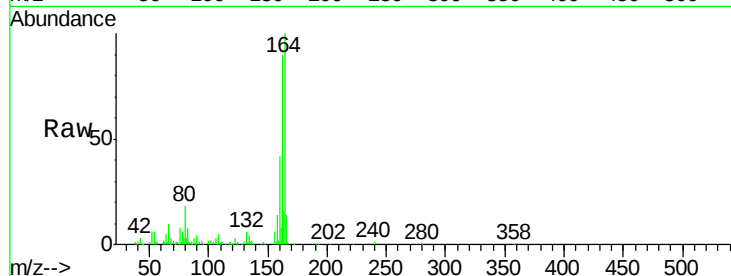
Tgt Ion:164 Resp: 84253

Ion Ratio Lower Upper

164 100

162 90.0 75.5 113.3

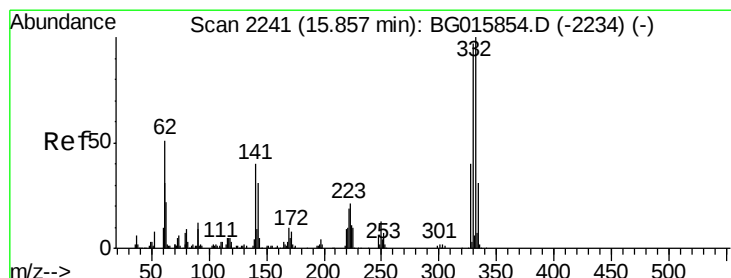
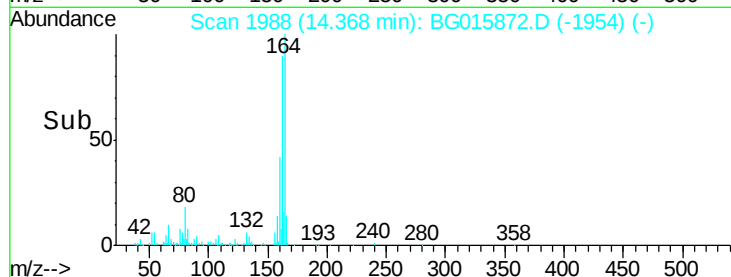
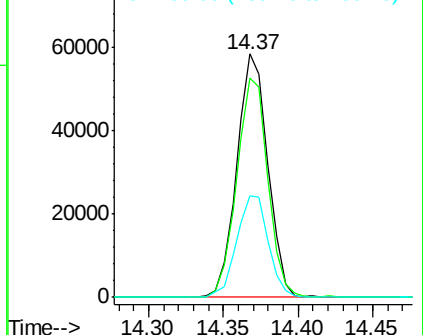
160 41.8 37.4 56.0



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: 45.48 ng

RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

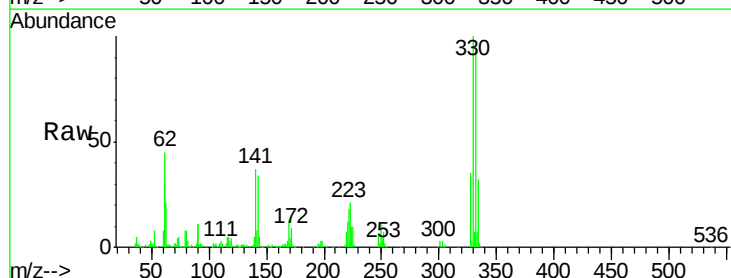
Tgt Ion:330 Resp: 145676

Ion Ratio Lower Upper

330 100

332 95.6 73.8 110.8

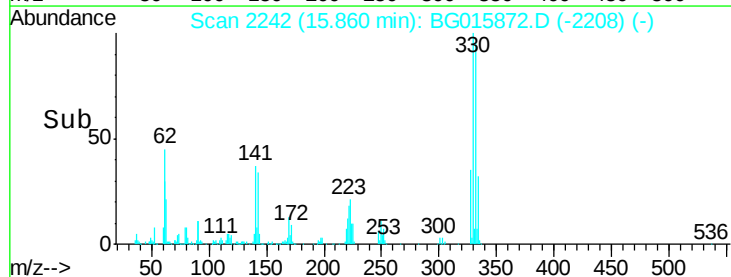
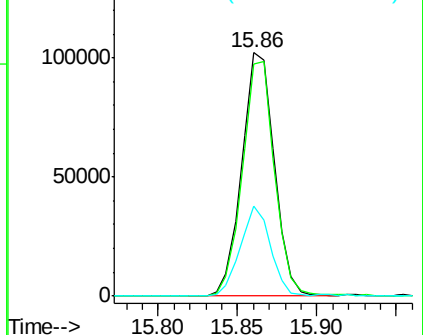
141 34.4 27.2 40.8

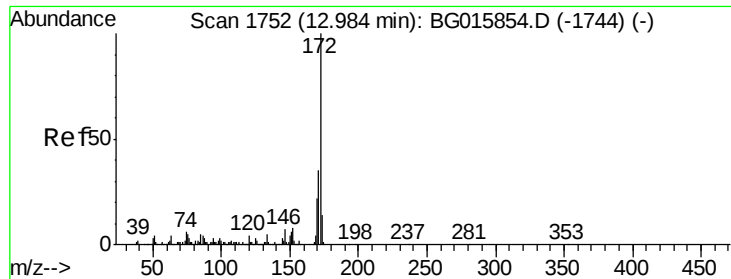


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

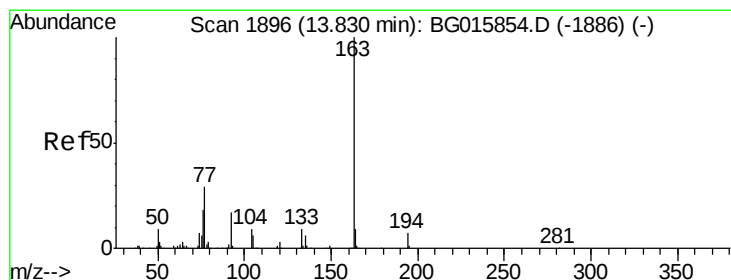
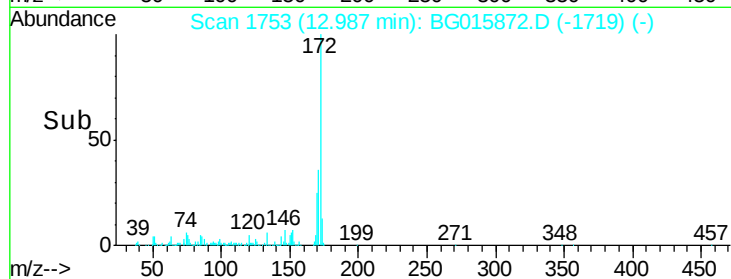
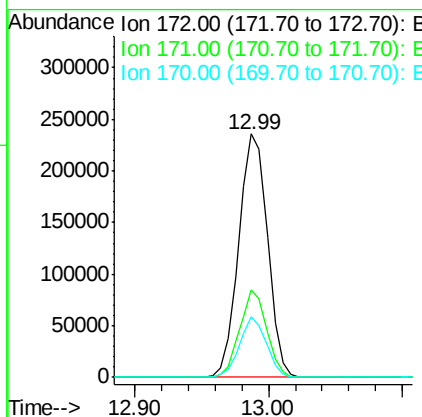
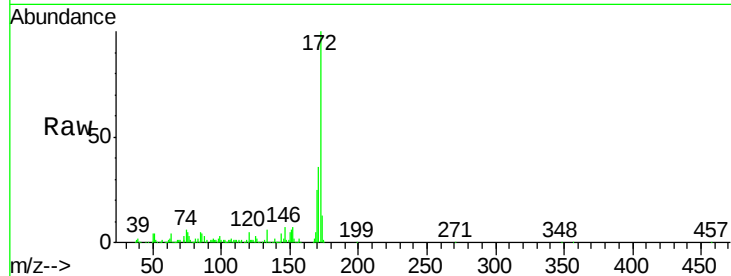




#44
2-Fluorobiphenyl
Concen: 29.75 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

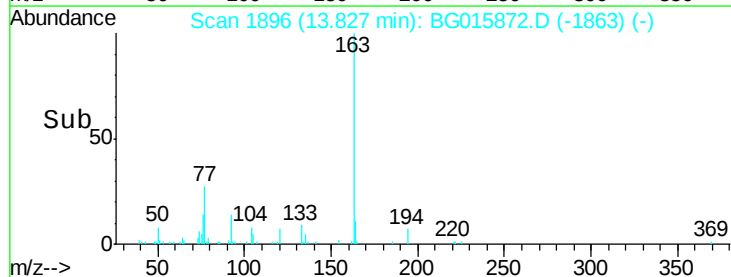
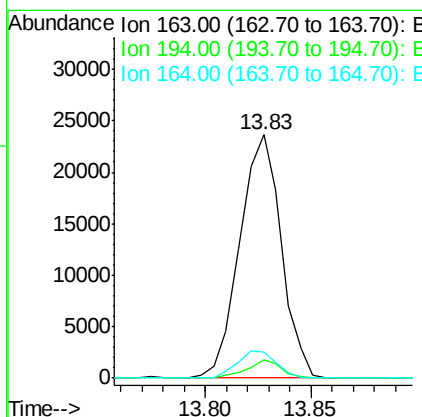
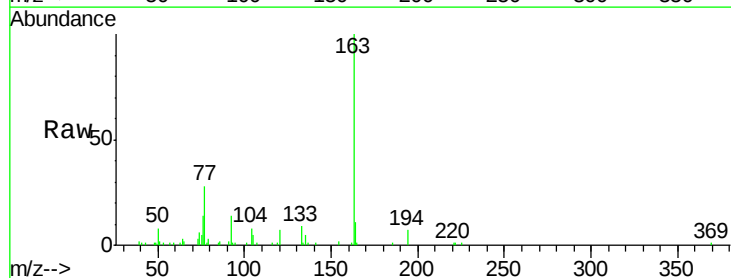
Instrument :
BNA_G
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DIN46-WASTE-COMPOSITE-3

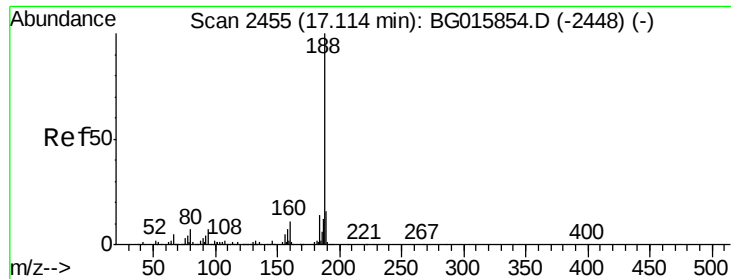
Tgt Ion:172 Resp: 350967
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 25.0 18.2 27.4



#49
Dimethylphthalate
Concen: 5.17 ng
RT: 13.83 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:163 Resp: 32125
Ion Ratio Lower Upper
163 100
194 7.5 6.7 10.1
164 10.6 7.4 11.0

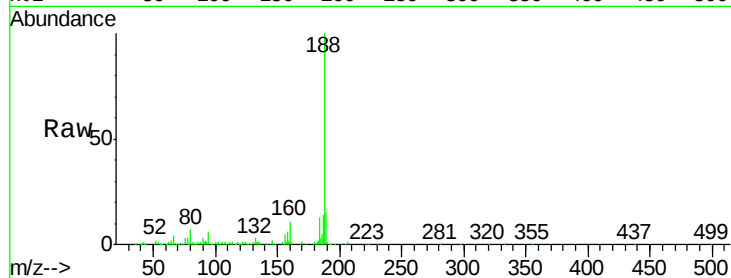




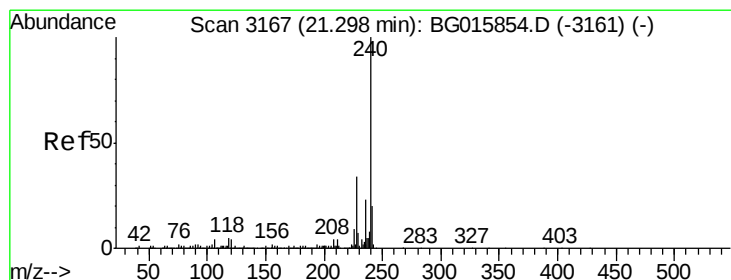
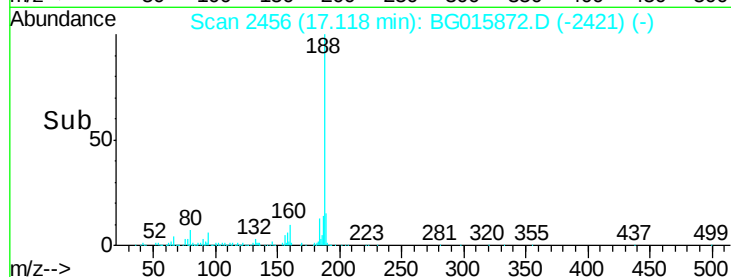
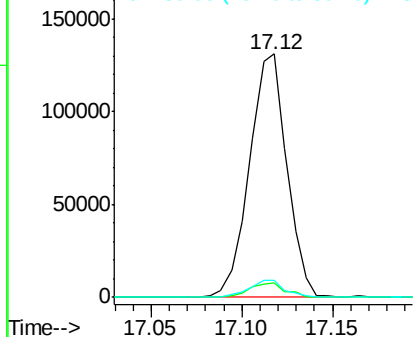
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Tgt Ion:188 Resp: 187541
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.8 6.6 9.8

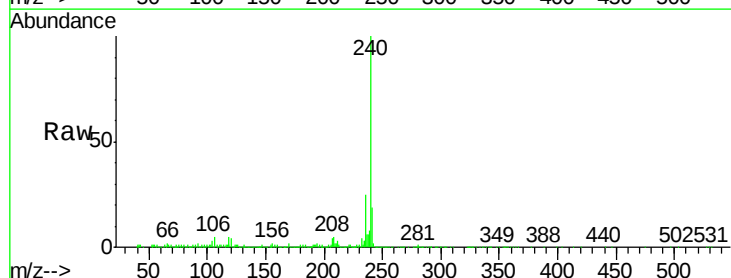


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

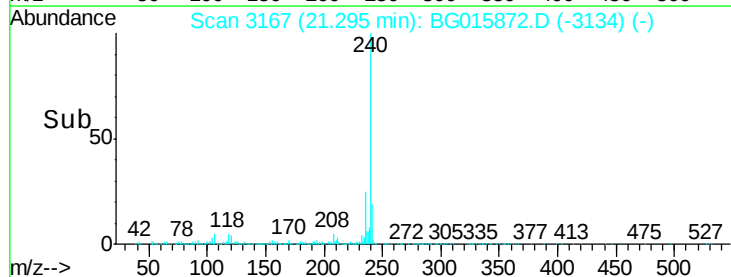
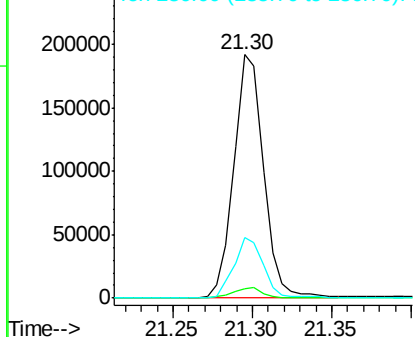


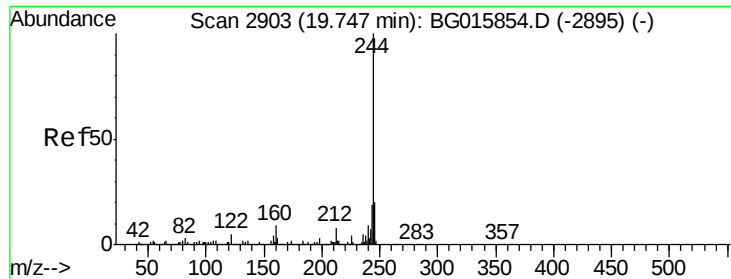
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:240 Resp: 251172
Ion Ratio Lower Upper
240 100
120 3.7 3.4 5.2
236 25.0 19.0 28.6



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

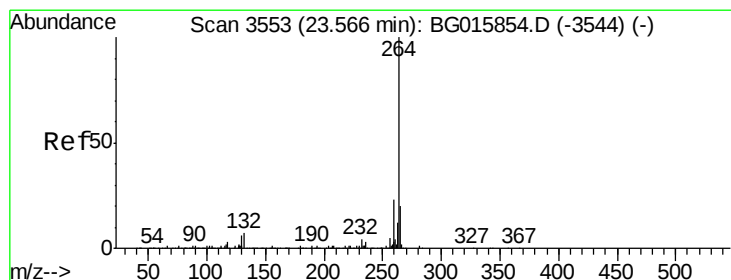
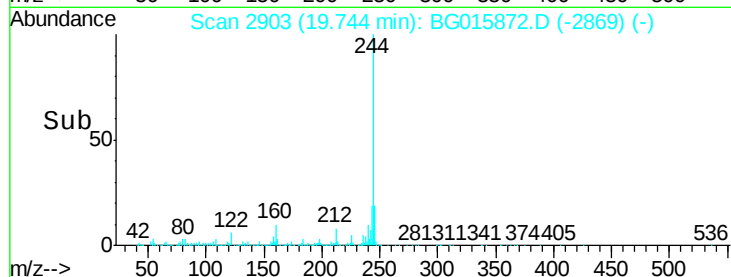
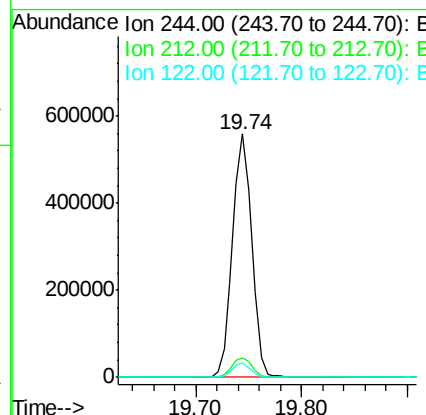
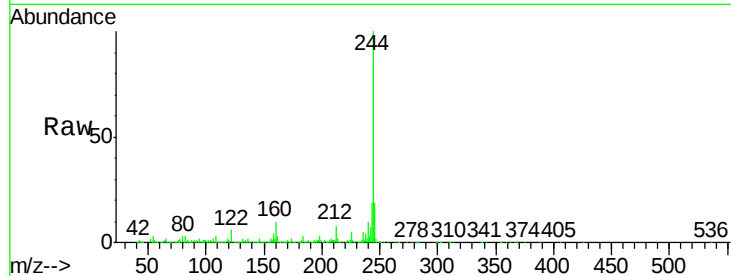




#78
 Terphenyl-d14
 Concen: 31.31 ng
 RT: 19.74 min Scan# 2903
 Delta R.T. 0.00 min
 Lab File: BG015872.D
 Acq: 9 Jan 2015 16:38

Instrument :
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 ClientSampleId :
 DIN46-WASTE-COMPOSITE-3

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	6.0	4.7	7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: BG015872.D
 Acq: 9 Jan 2015 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.0	25.4
265	22.1	17.4	26.0

