

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
 Data File : BG015866.D
 Acq On : 9 Jan 2015 12:36
 Operator : TP/IZ
 Sample : G1030-11
 Misc : S
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS-2(4-6)

Quant Time: Jan 12 12:36:35 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

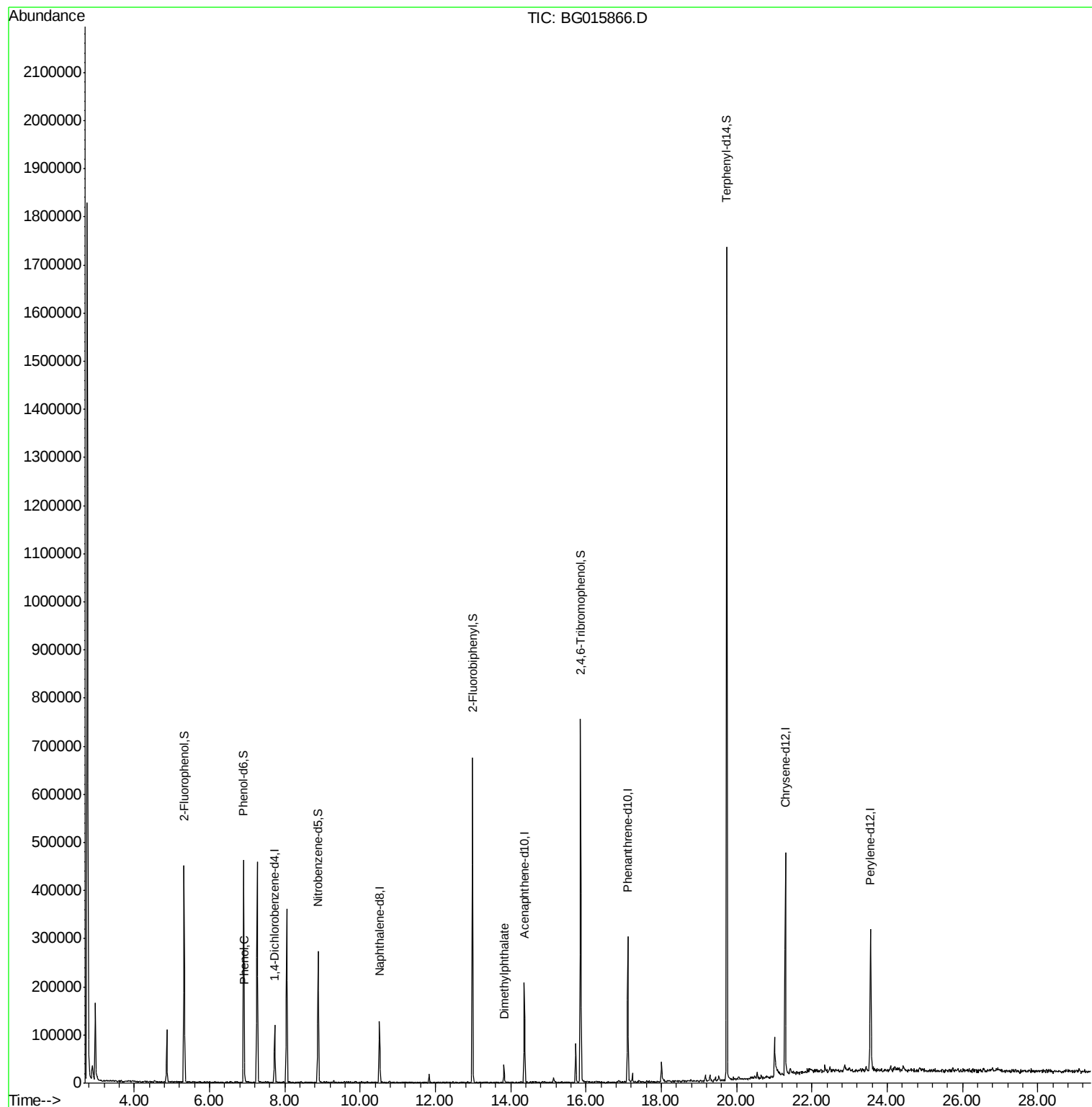
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	23670	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	86083	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	68393	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	159814	20.00	ng	0.00
75) Chrysene-d12	21.30	240	236861	20.00	ng	0.00
86) Perylene-d12	23.56	264	229696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	161812	58.79	ng	0.00
7) Phenol-d6	6.91	99	227209	59.27	ng	0.00
23) Nitrobenzene-d5	8.88	82	159631	36.39	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	139622	53.70	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	308206	32.19	ng	0.00
78) Terphenyl-d14	19.74	244	729191	34.40	ng	0.00
Target Compounds						
10) Phenol	6.93	94	4622	2.21	ng	Qvalue 90
49) Dimethylphthalate	13.82	163	18483	3.66	ng	# 93

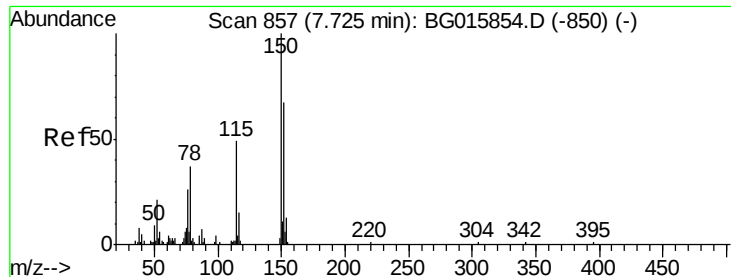
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)

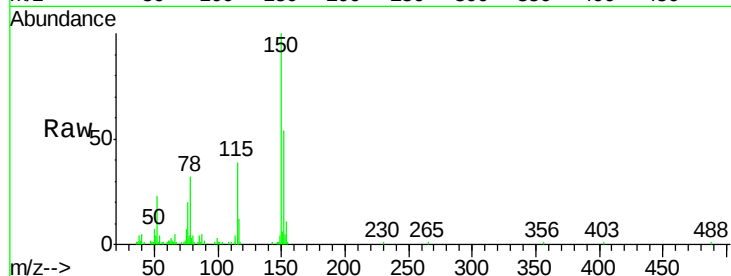
Tgt Ion:152 Resp: 23670

Ion Ratio Lower Upper

152 100

150 186.8 120.5 180.7#

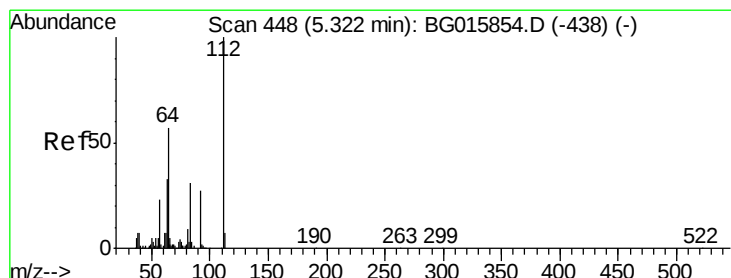
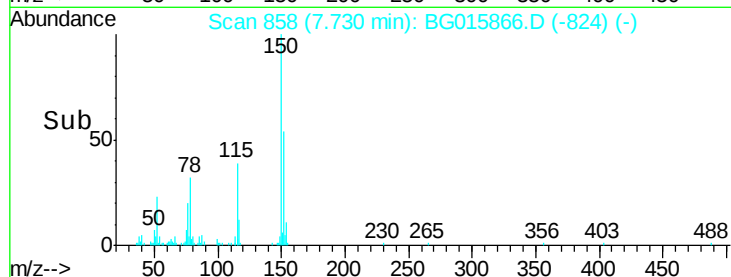
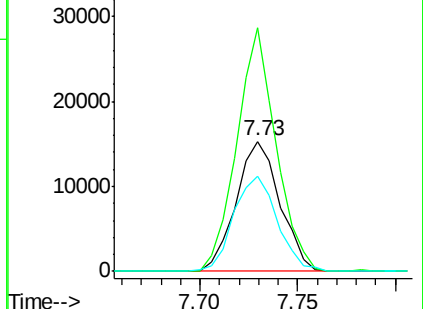
115 73.2 54.0 81.0



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: 58.79 ng

RT: 5.33 min Scan# 449

Delta R.T. -0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

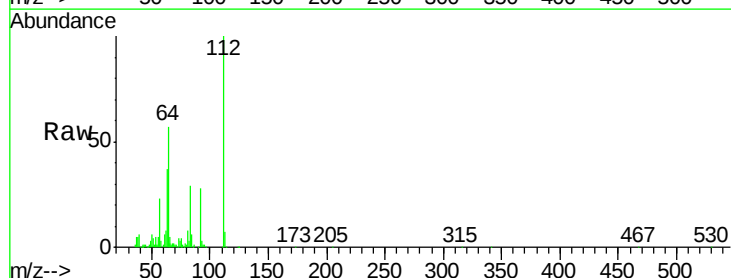
Tgt Ion:112 Resp: 161812

Ion Ratio Lower Upper

112 100

64 56.7 46.8 70.2

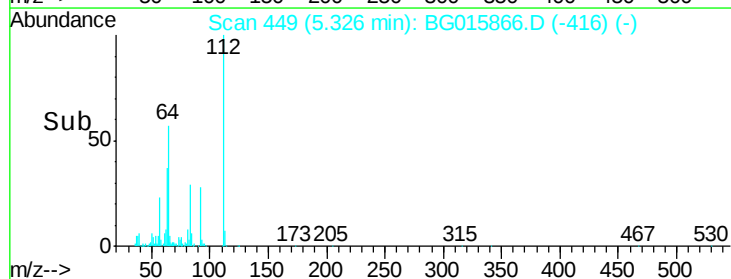
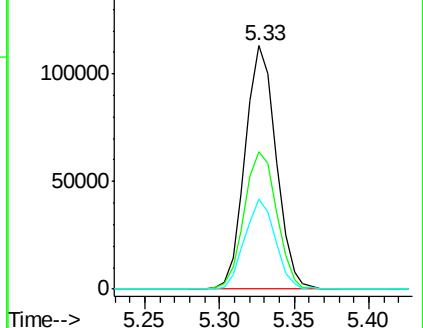
63 36.9 30.6 45.8

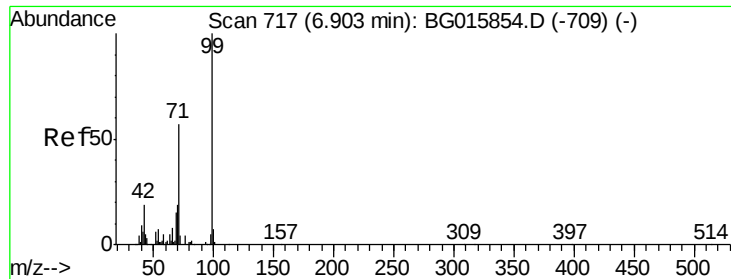


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 59.27 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)

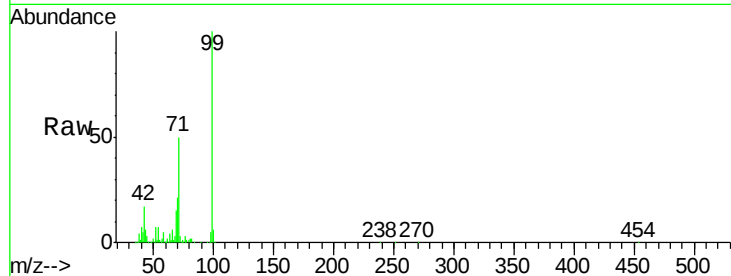
Tgt Ion: 99 Resp: 227209

Ion Ratio Lower Upper

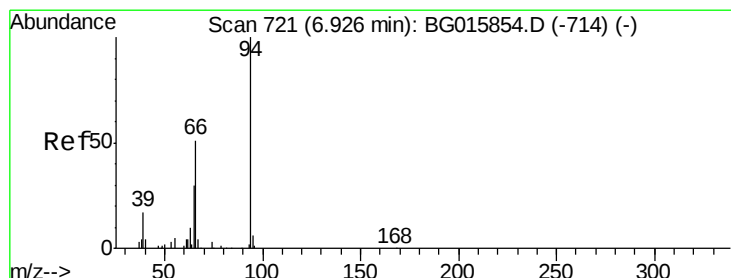
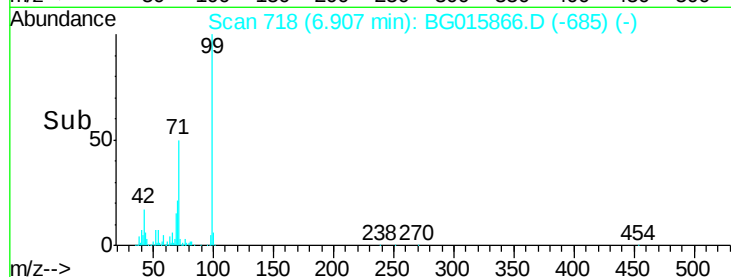
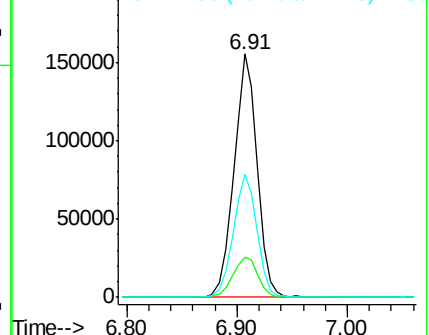
99 100

42 16.7 13.8 20.8

71 50.5 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: 2.21 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

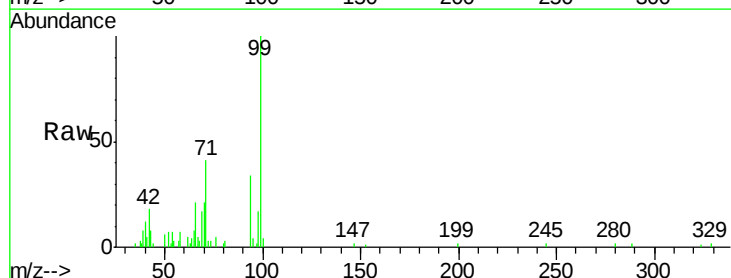
Tgt Ion: 94 Resp: 4622

Ion Ratio Lower Upper

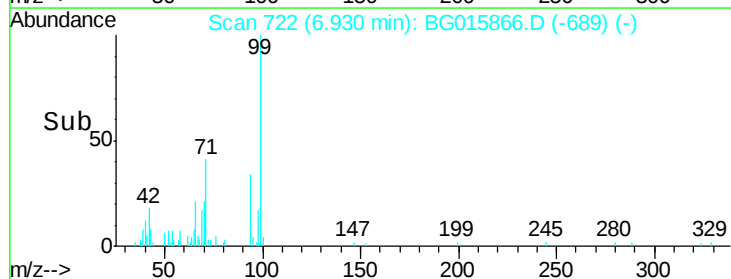
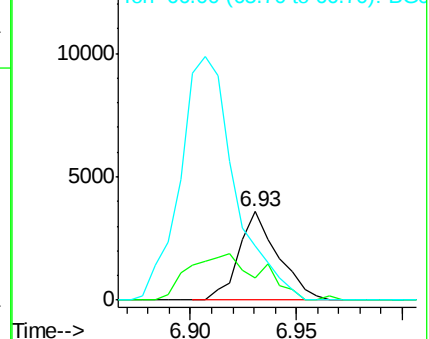
94 100

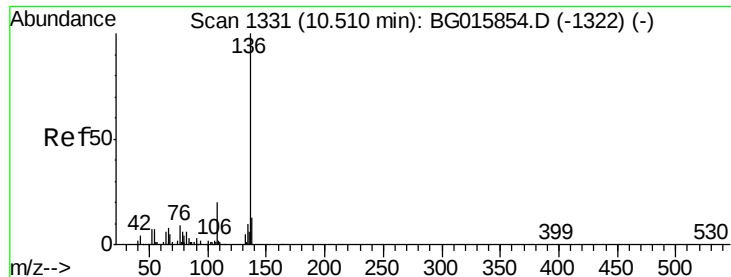
65 24.5 9.7 49.7

66 60.6 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

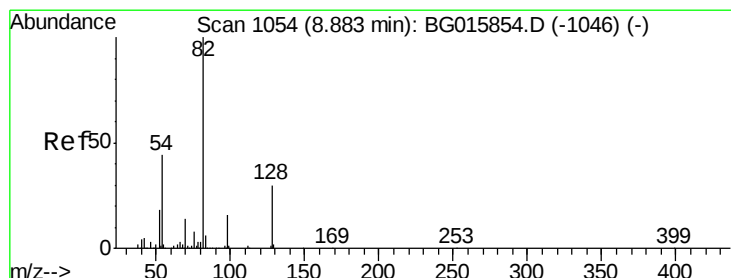
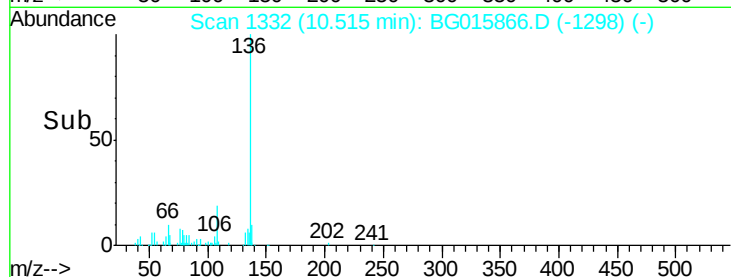
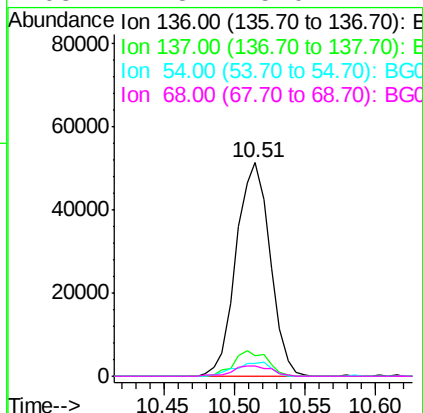
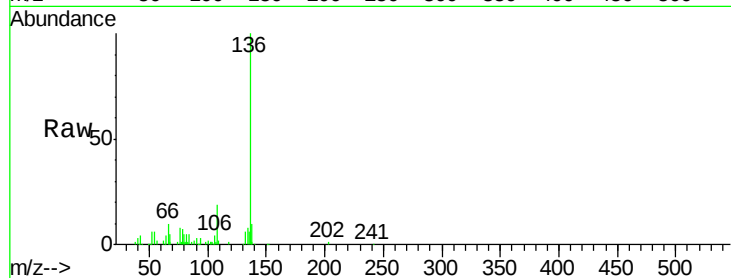




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015866.D
Acq: 9 Jan 2015 12:36

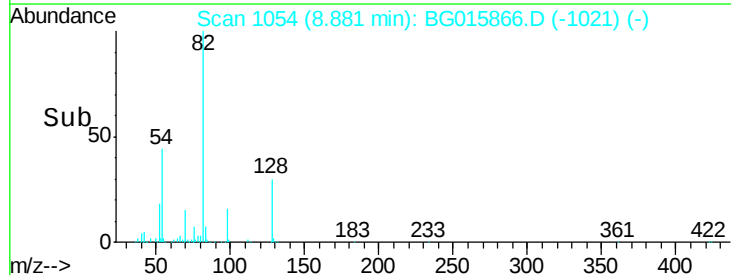
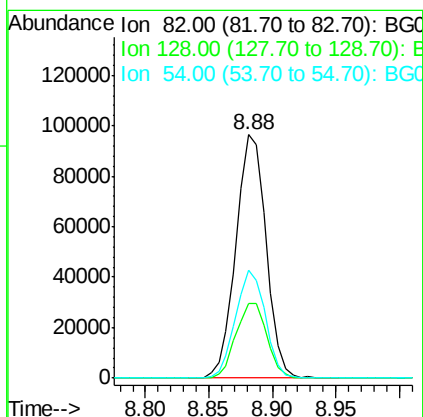
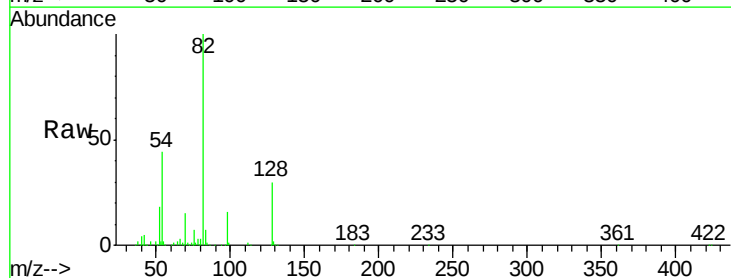
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)

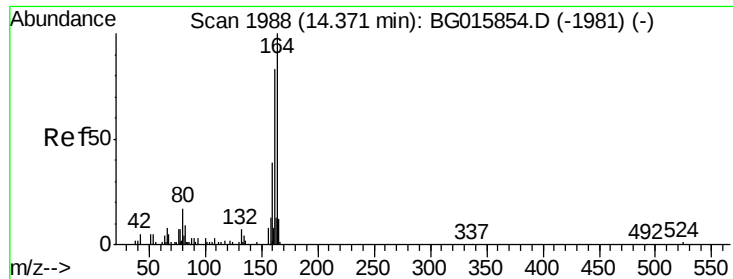
Tgt Ion:	136	Resp:	86083
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4#
54	6.1	4.5	6.7
68	4.8	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 36.39 ng
RT: 8.88 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG015866.D
Acq: 9 Jan 2015 12:36

Tgt Ion:	82	Resp:	159631
Ion	Ratio	Lower	Upper
82	100		
128	30.5	23.4	35.0
54	44.3	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: BG015866.D

Acq: 9 Jan 2015 12:36

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)

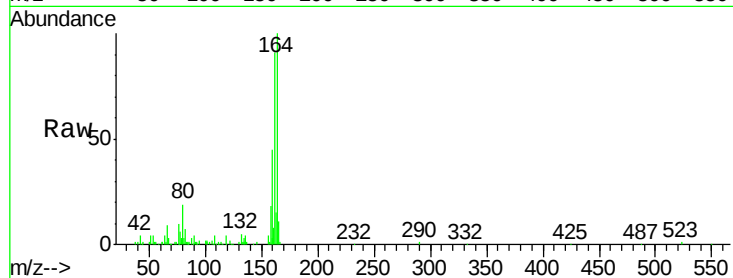
Tgt Ion:164 Resp: 68393

Ion Ratio Lower Upper

164 100

162 91.3 75.5 113.3

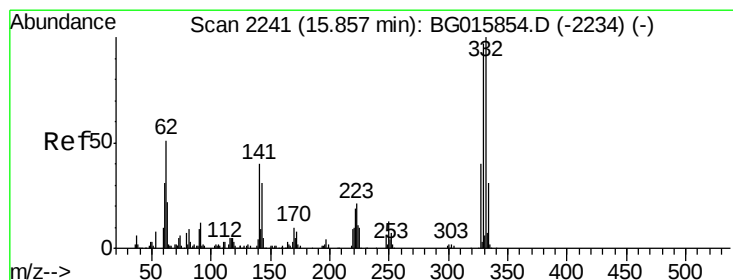
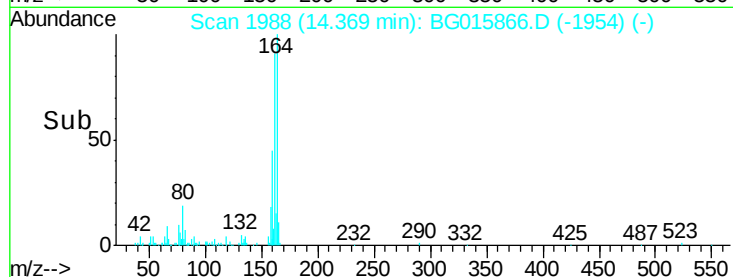
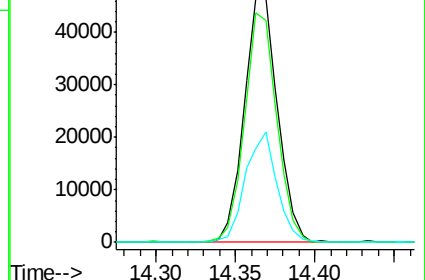
160 45.3 37.4 56.0



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: 53.70 ng

RT: 15.86 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

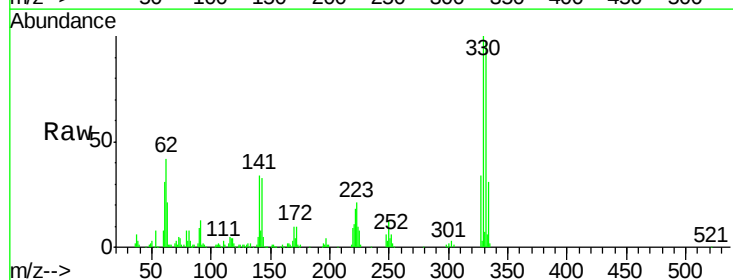
Tgt Ion:330 Resp: 139622

Ion Ratio Lower Upper

330 100

332 95.4 73.8 110.8

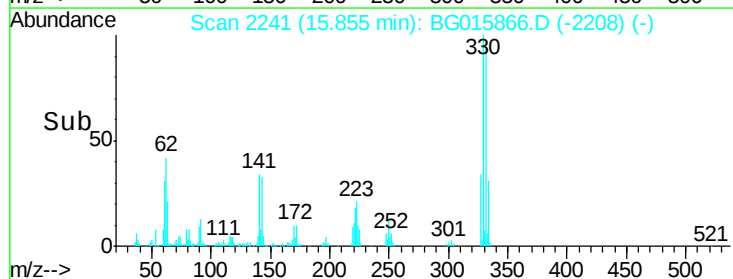
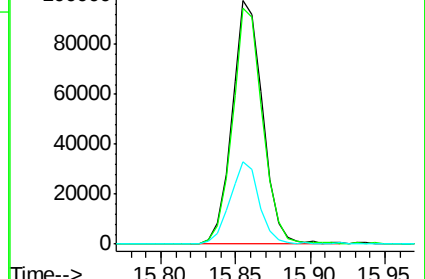
141 32.3 27.2 40.8

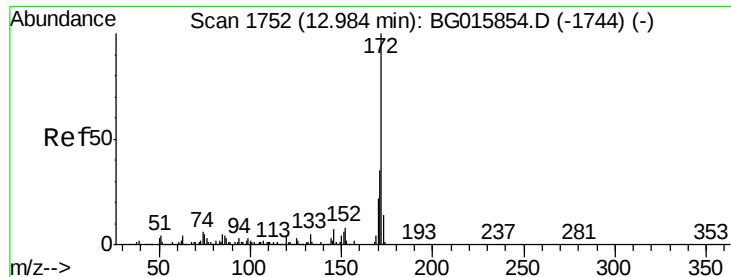


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

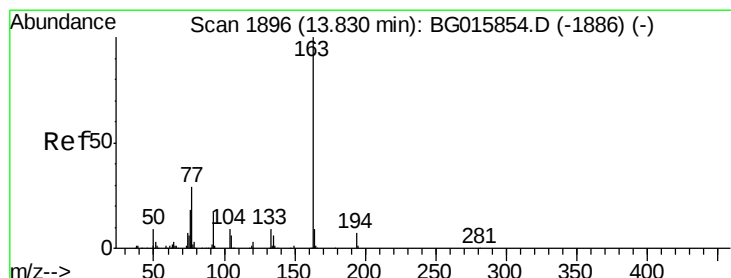
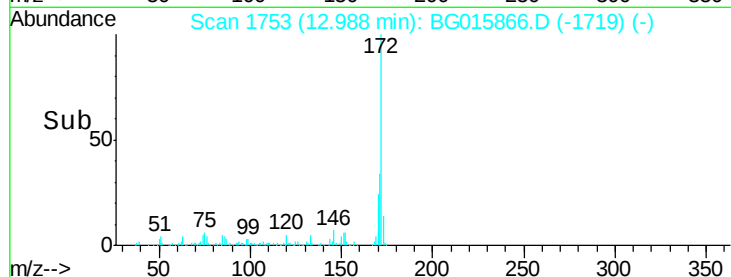
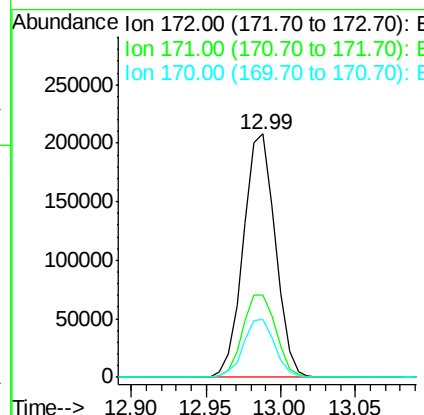
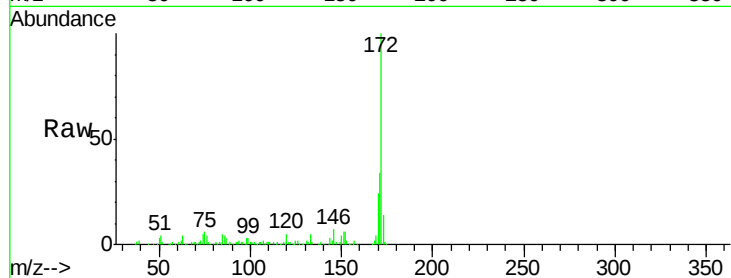




#44
2-Fluorobiphenyl
Concen: 32.19 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015866.D
Acq: 9 Jan 2015 12:36

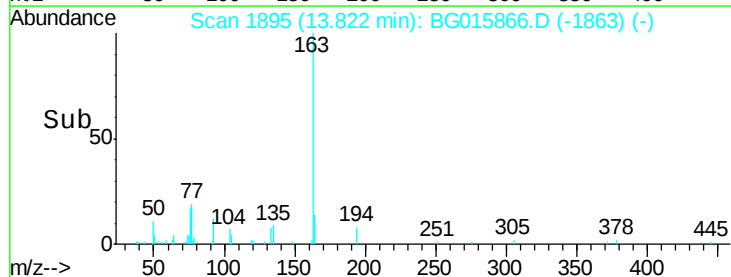
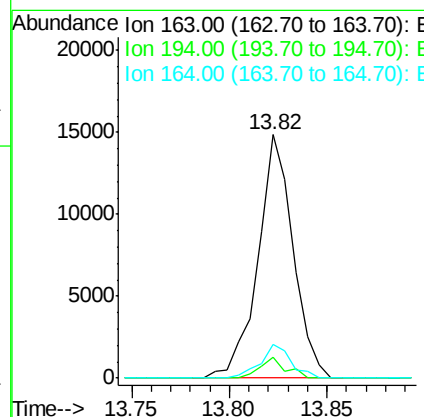
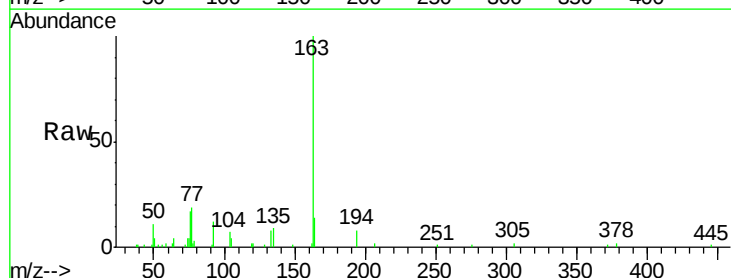
Instrument :
BNA_G
ClientSampleId :
TP4-SS-2(4-6)

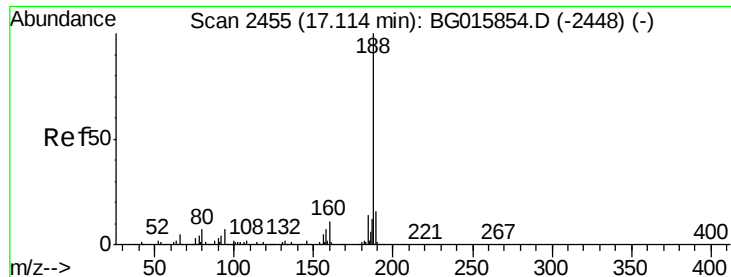
Tgt Ion:172 Resp: 308206
Ion Ratio Lower Upper
172 100
171 33.6 28.6 43.0
170 23.7 18.2 27.4



#49
Dimethylphthalate
Concen: 3.66 ng
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG015866.D
Acq: 9 Jan 2015 12:36

Tgt Ion:163 Resp: 18483
Ion Ratio Lower Upper
163 100
194 8.4 6.7 10.1
164 13.7 7.4 11.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

Instrument :

BNA_G

ClientSampleId :

TP4-SS-2(4-6)

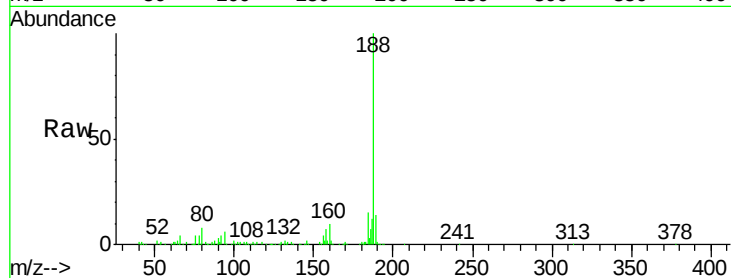
Tgt Ion:188 Resp: 159814

Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

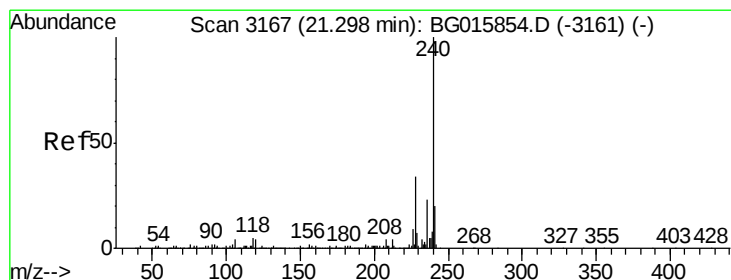
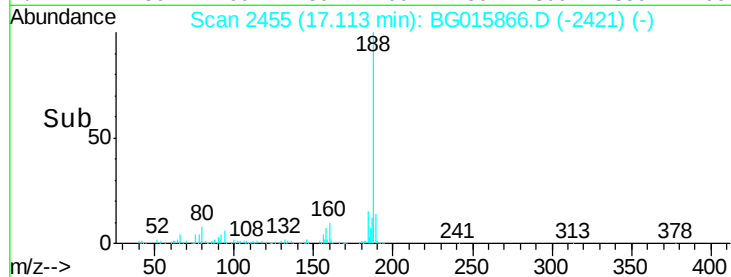
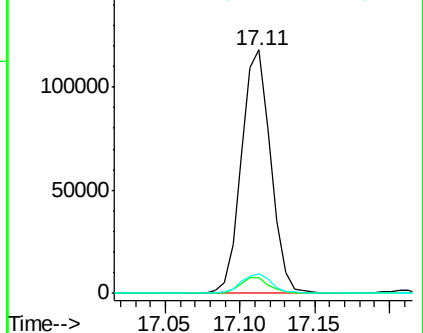
80 8.0 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG015866.D

Acq: 9 Jan 2015 12:36

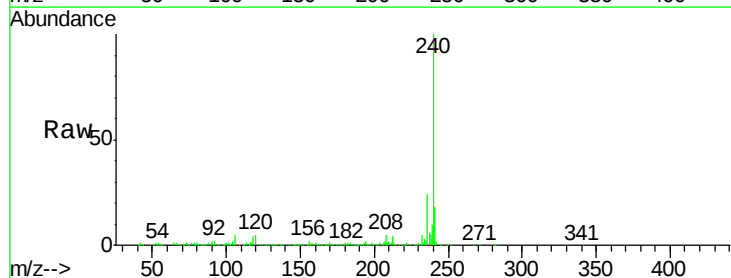
Tgt Ion:240 Resp: 236861

Ion Ratio Lower Upper

240 100

120 4.6 3.4 5.2

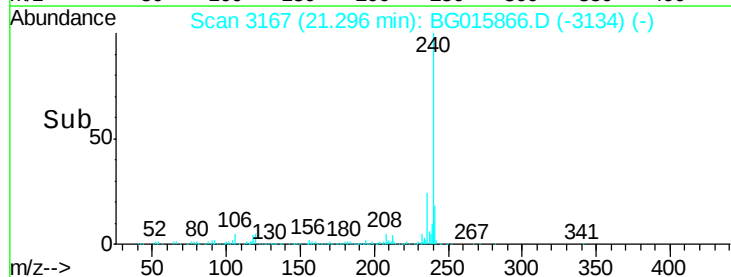
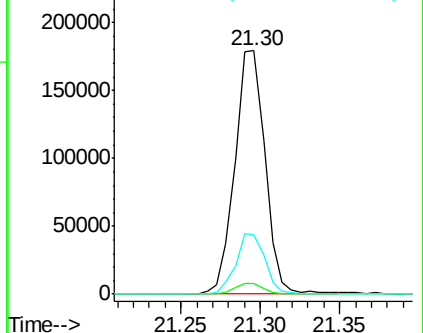
236 24.2 19.0 28.6

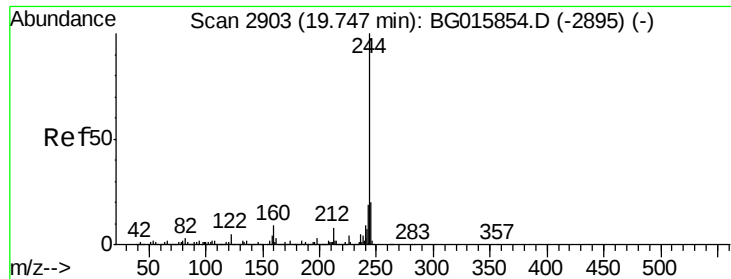


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

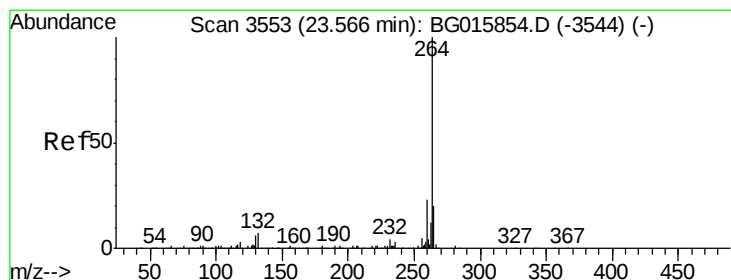
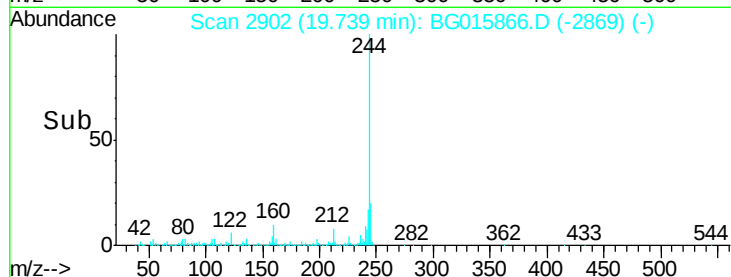
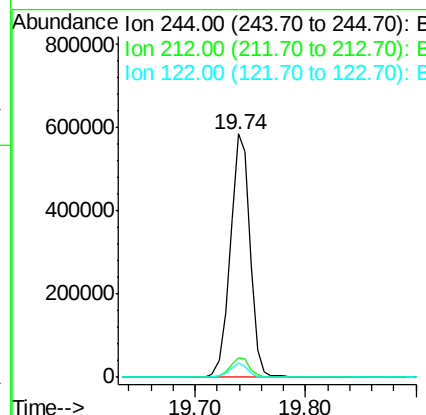
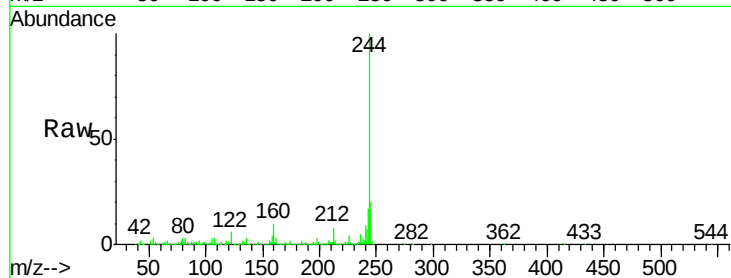




#78
 Terphenyl-d14
 Concen: 34.40 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.00 min
 Lab File: BG015866.D
 Acq: 9 Jan 2015 12:36

Instrument :
 BNA_G
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 TP4-SS-2(4-6)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	5.9	4.7	7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BG015866.D
 Acq: 9 Jan 2015 12:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.5	17.0	25.4
265	21.7	17.4	26.0

