

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017114.D
 Acq On : 13 May 2015 19:12
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-2.5

Quant Time: May 14 03:37:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

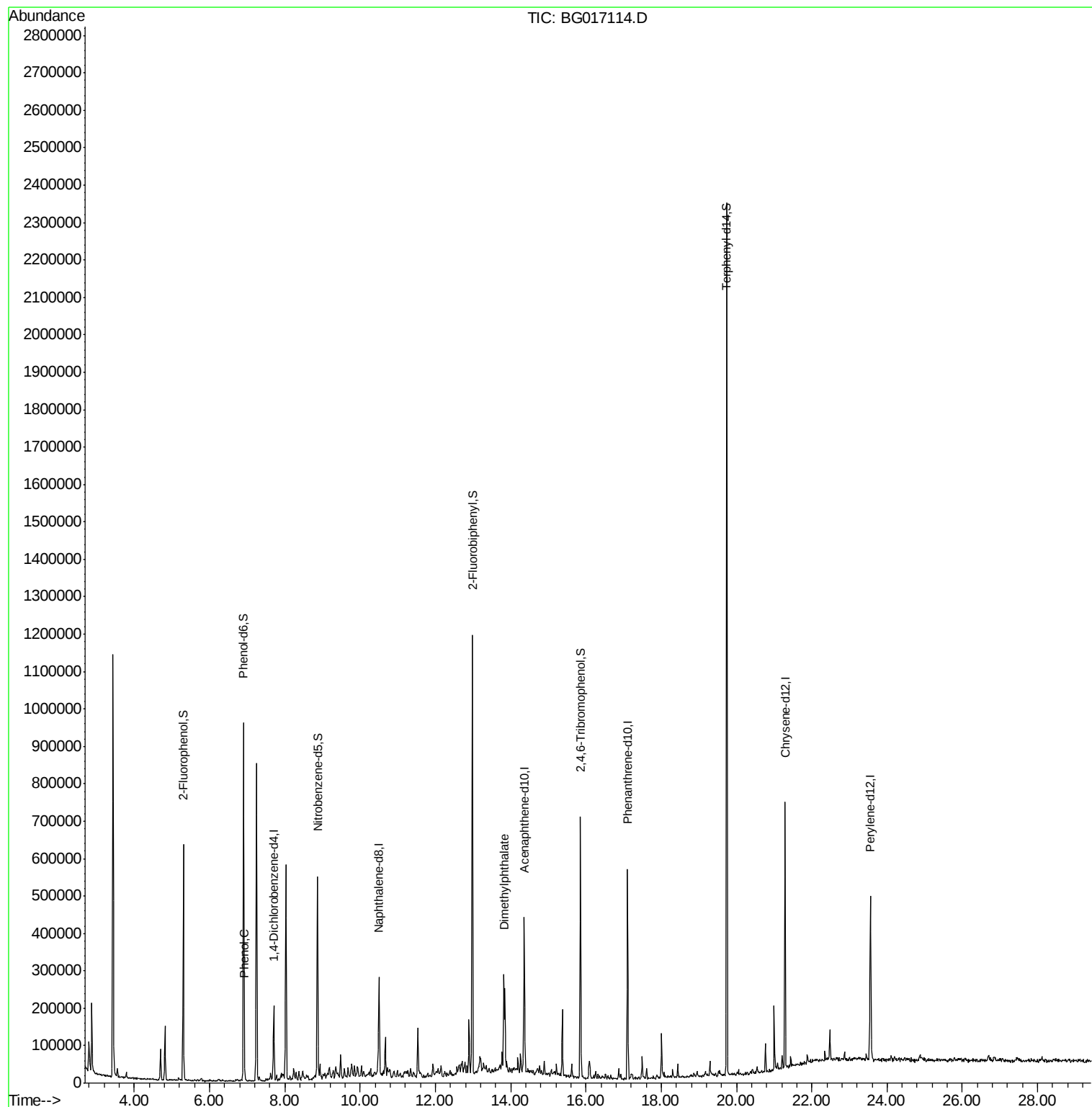
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	44066	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	185033	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	125088	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	290984	20.00	ng	0.00
75) Chrysene-d12	21.29	240	303425	20.00	ng	0.00
86) Perylene-d12	23.55	264	297919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	217179	87.44	ng	0.00
7) Phenol-d6	6.91	99	411709	118.12	ng	0.00
23) Nitrobenzene-d5	8.87	82	278217	70.20	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	94043	62.19	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	516699	60.61	ng	0.00
78) Terphenyl-d14	19.74	244	909427	62.46	ng	0.00
Target Compounds						
10) Phenol	6.93	94	8166	2.21	ng	86
49) Dimethylphthalate	13.82	163	132605	13.56	ng	98

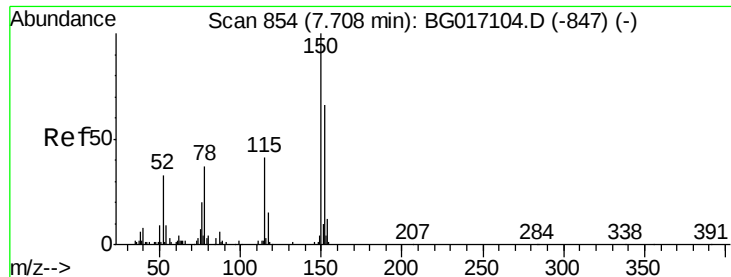
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

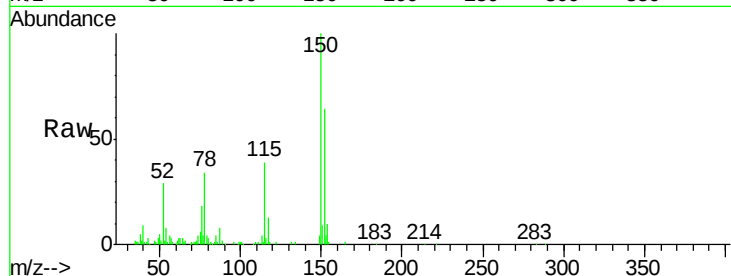
Tgt Ion:152 Resp: 44066

Ion Ratio Lower Upper

152 100

150 155.4 120.8 181.2

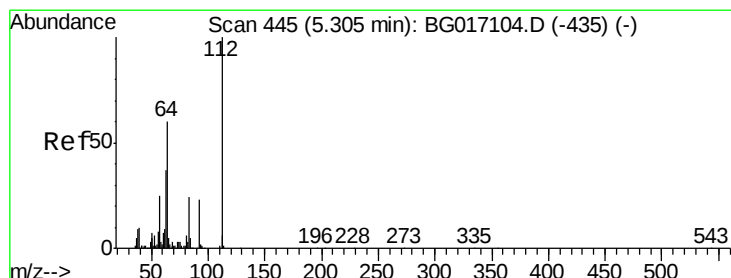
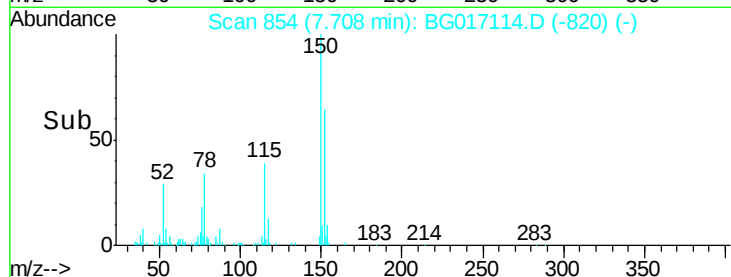
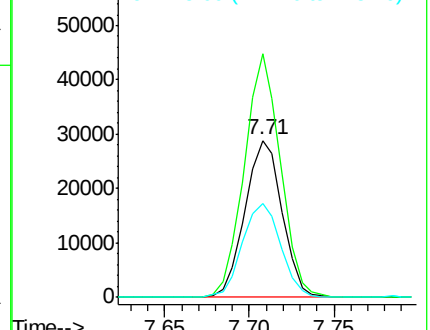
115 60.0 49.4 74.2



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: 87.44 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

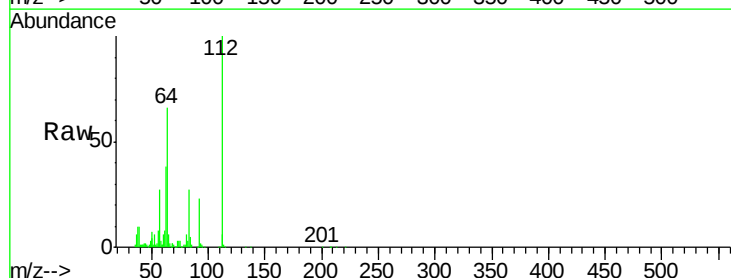
Tgt Ion:112 Resp: 217179

Ion Ratio Lower Upper

112 100

64 66.3 48.1 72.1

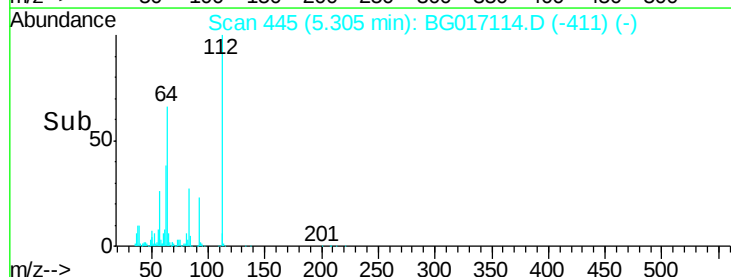
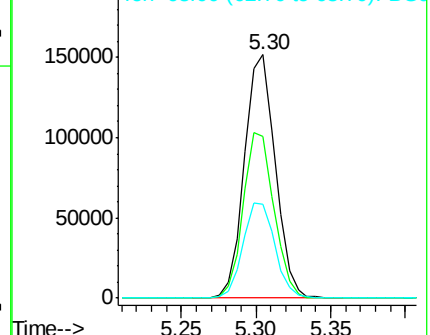
63 38.4 29.8 44.8

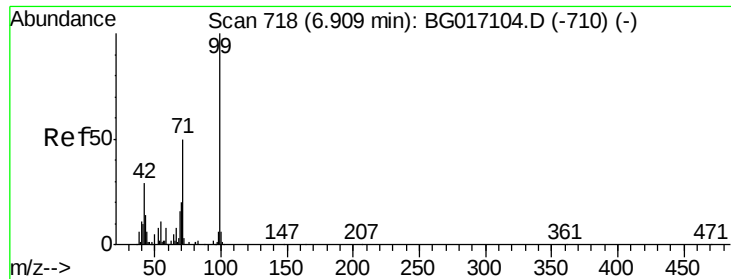


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.12 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

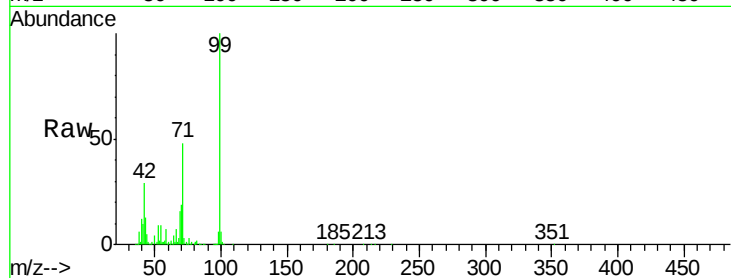
Tgt Ion: 99 Resp: 411709

Ion Ratio Lower Upper

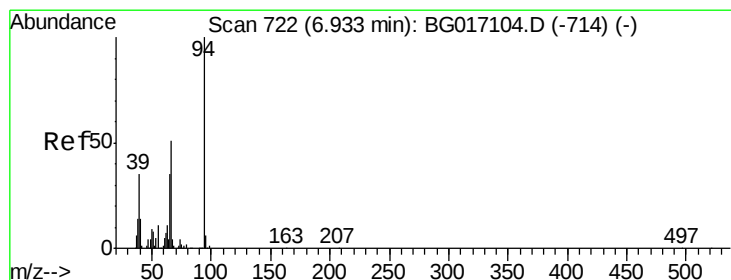
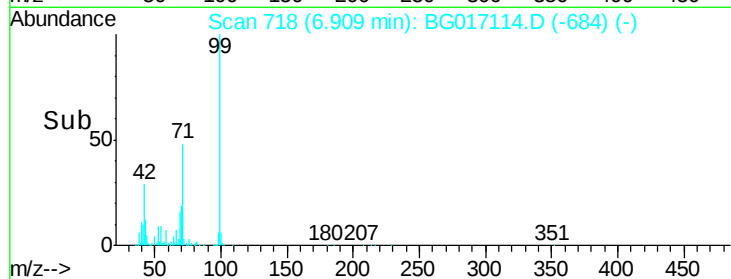
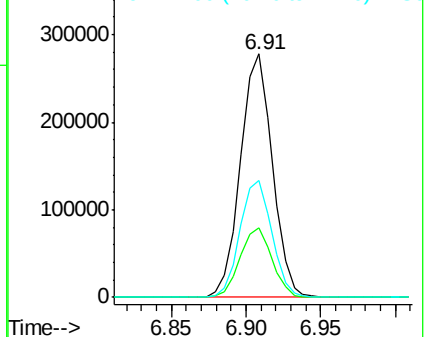
99 100

42 28.5 23.5 35.3

71 48.2 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



#10

Phenol

Concen: 2.21 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

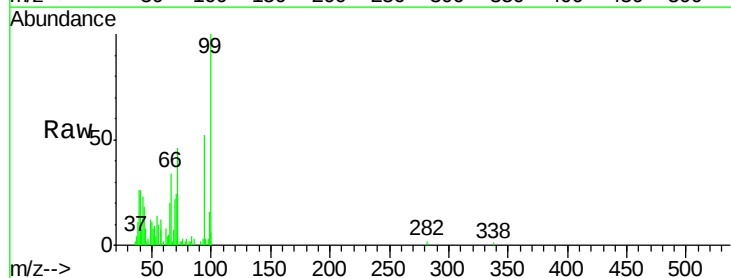
Tgt Ion: 94 Resp: 8166

Ion Ratio Lower Upper

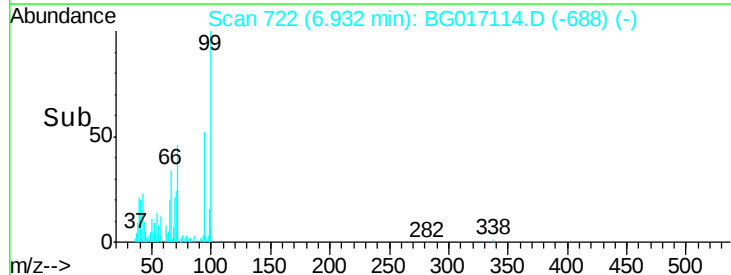
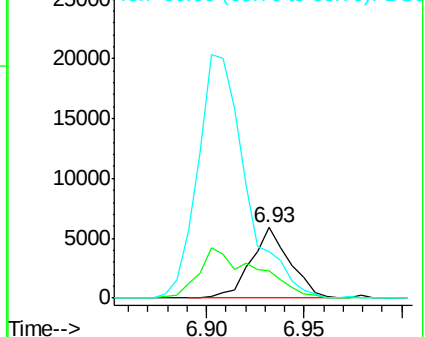
94 100

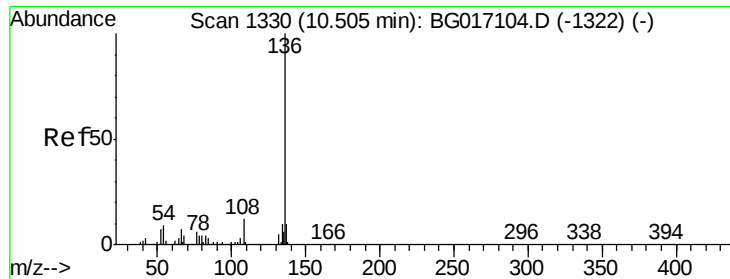
65 38.0 15.0 55.0

66 65.8 32.1 72.1



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

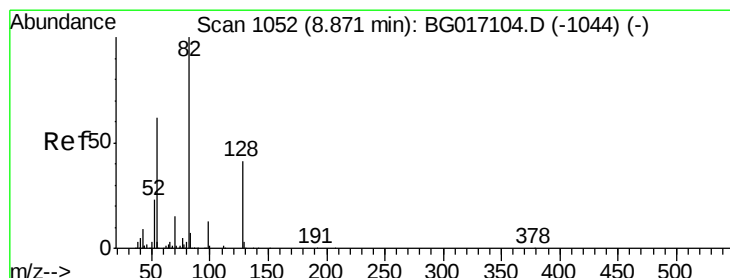
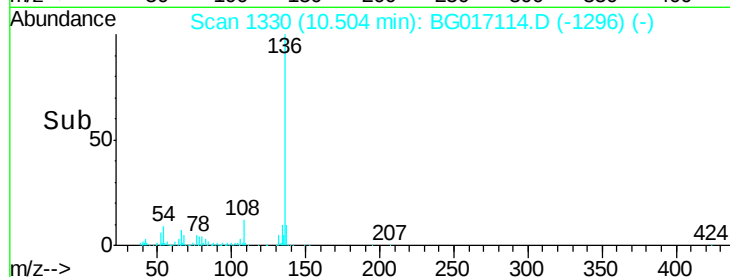
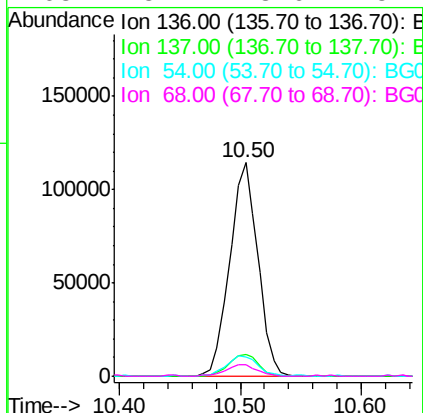
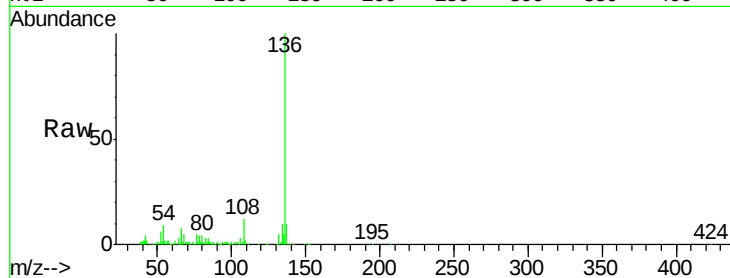




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

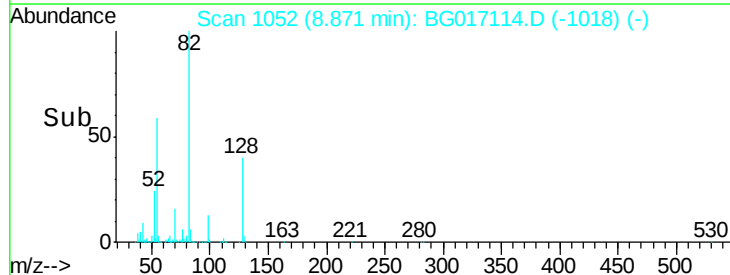
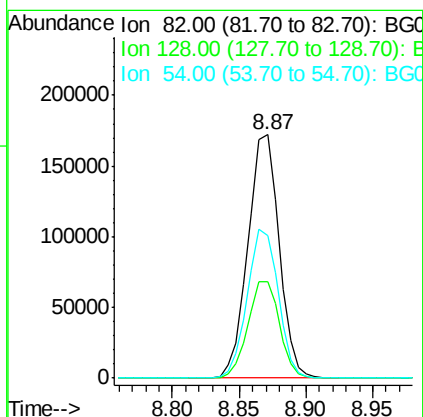
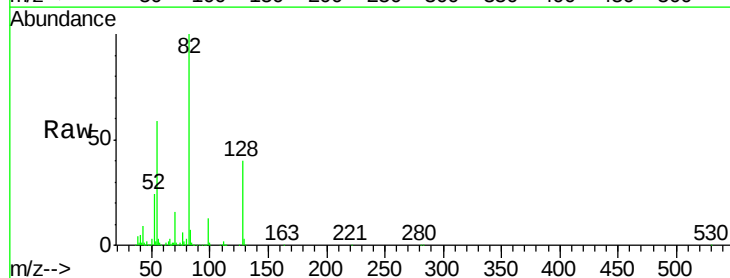
Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

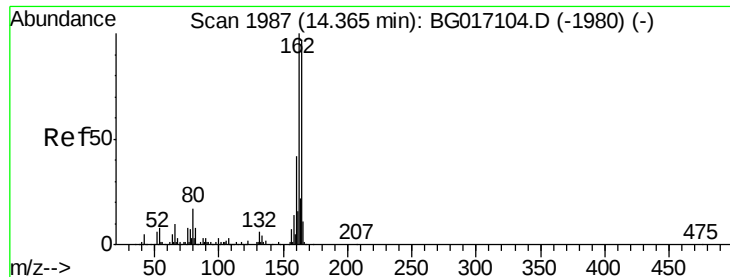
Tgt Ion:	136	Resp:	185033
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	8.8	7.4	11.2
68	5.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 70.20 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion:	82	Resp:	278217
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	58.6	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

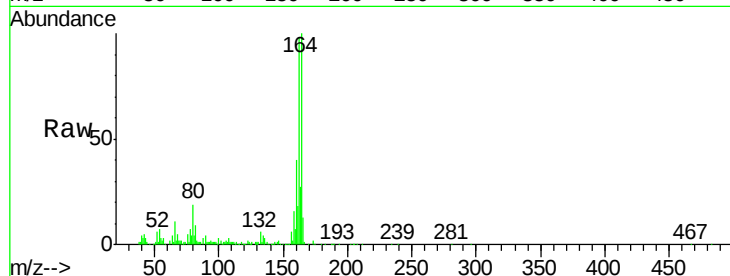
Tgt Ion:164 Resp: 125088

Ion Ratio Lower Upper

164 100

162 98.1 82.1 123.1

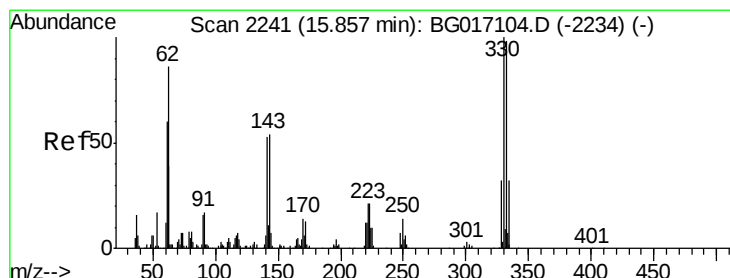
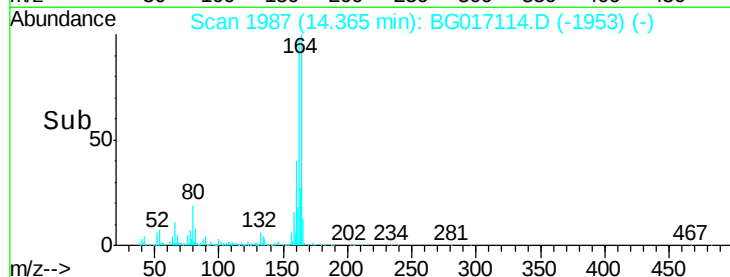
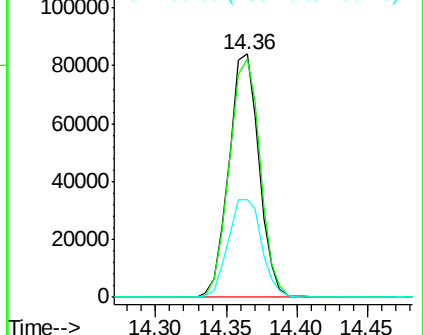
160 40.4 34.8 52.2



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: 62.19 ng

RT: 15.86 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

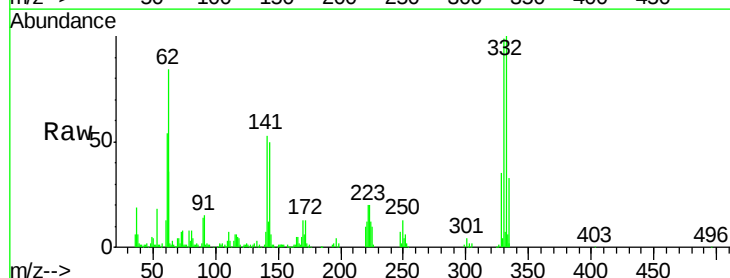
Tgt Ion:330 Resp: 94043

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

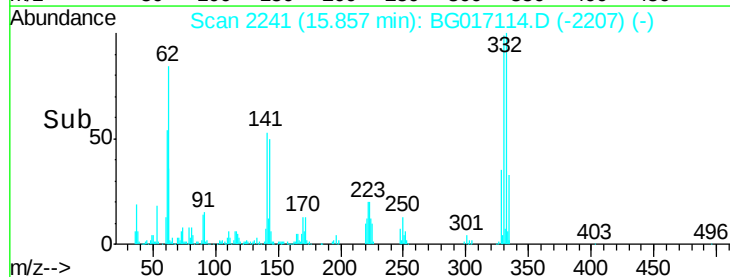
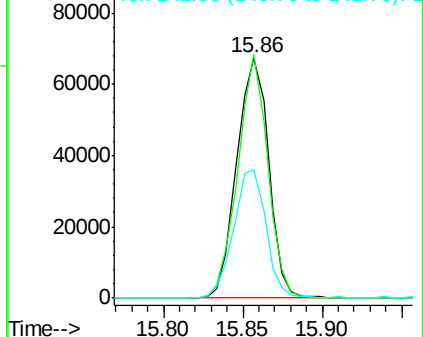
141 54.4 42.2 63.2

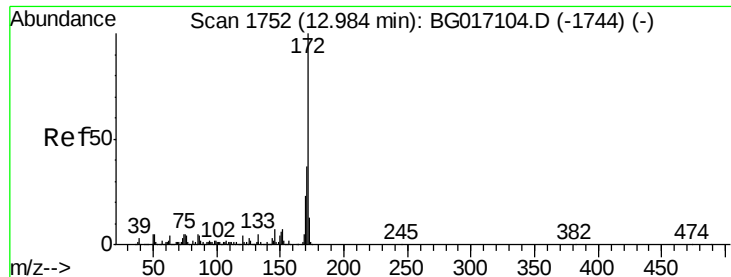


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

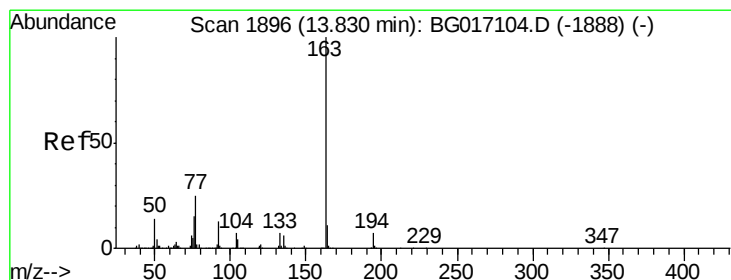
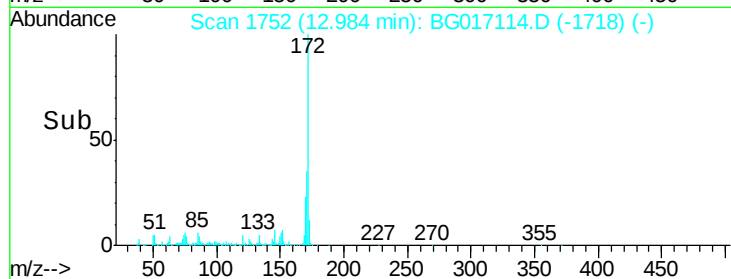
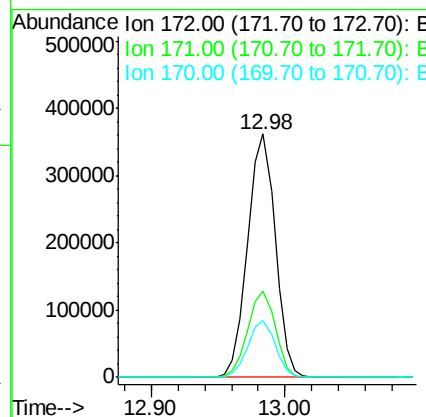
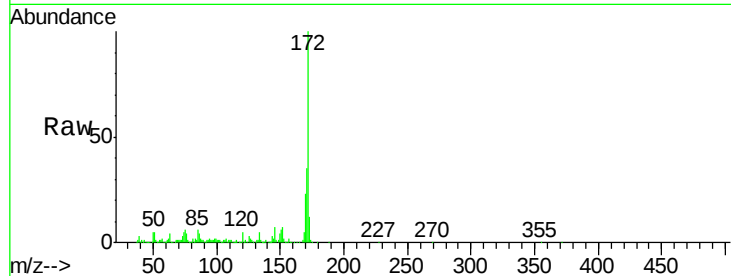




#44
2-Fluorobiphenyl
Concen: 60.61 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

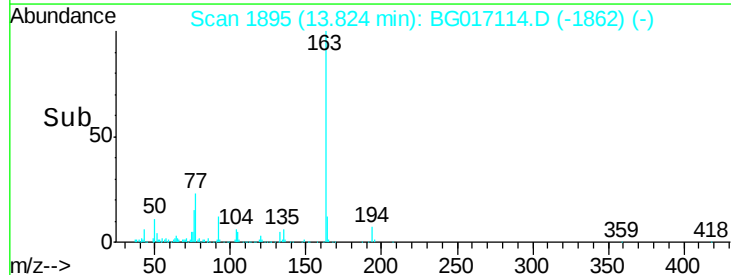
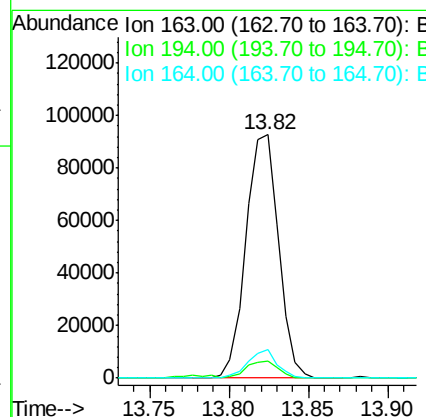
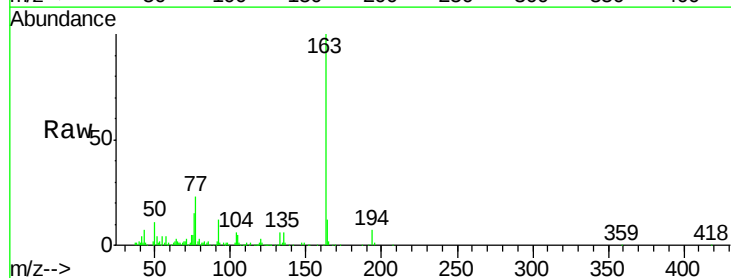
Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

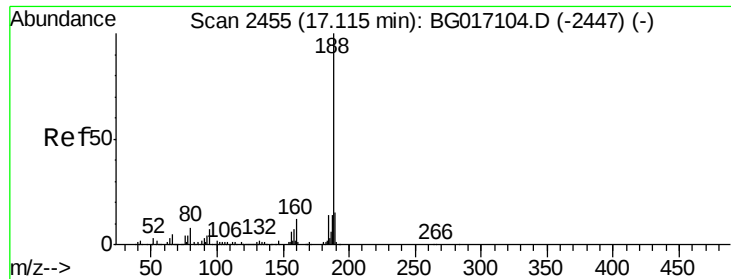
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.1	18.4	27.6



#49
Dimethylphthalate
Concen: 13.56 ng
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017114.D
Acq: 13 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.6	8.4
164	11.7	8.6	13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

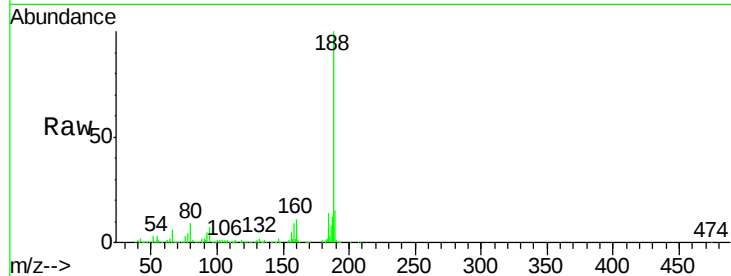
Tgt Ion:188 Resp: 290984

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

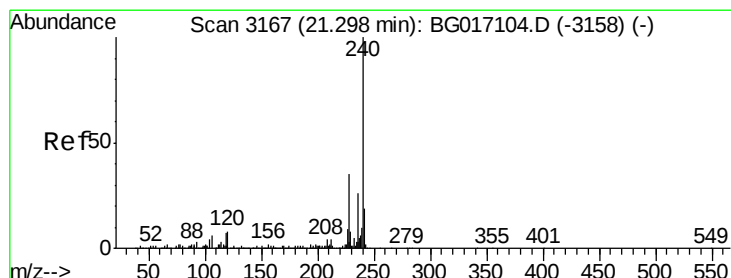
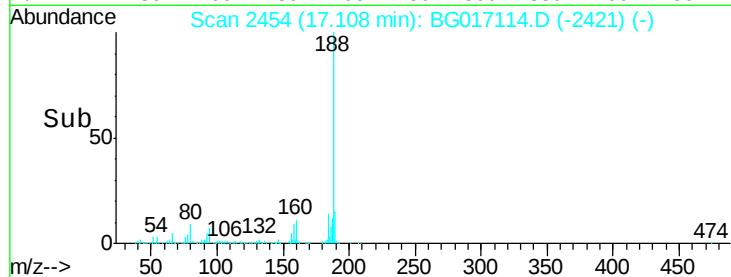
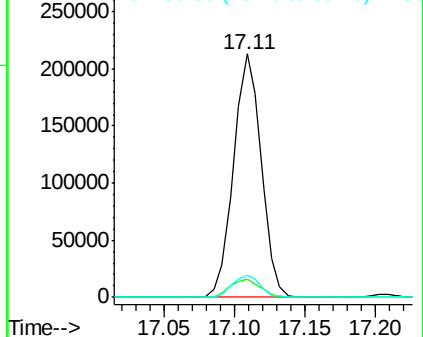
80 9.3 6.5 9.7



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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

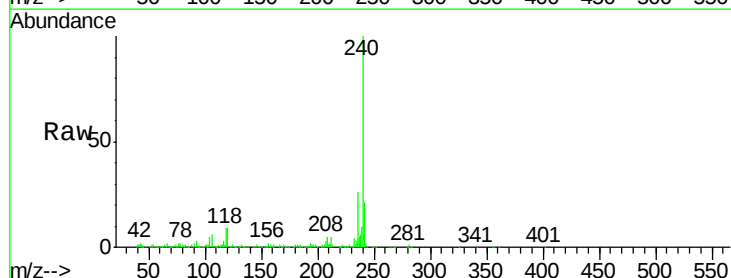
Tgt Ion:240 Resp: 303425

Ion Ratio Lower Upper

240 100

120 8.5 6.0 9.0

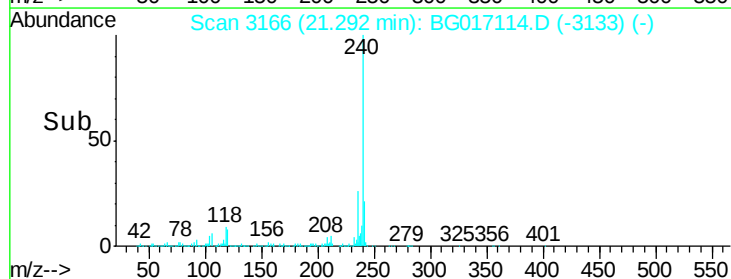
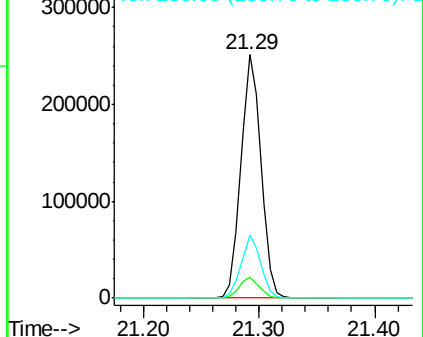
236 25.7 20.5 30.7

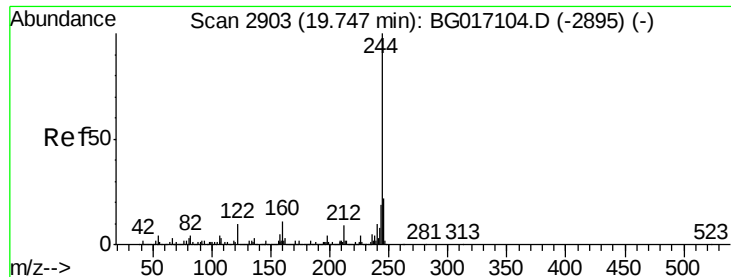


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.46 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

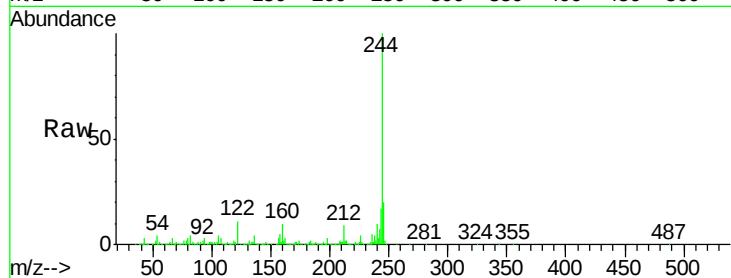
Tgt Ion:244 Resp: 909427

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

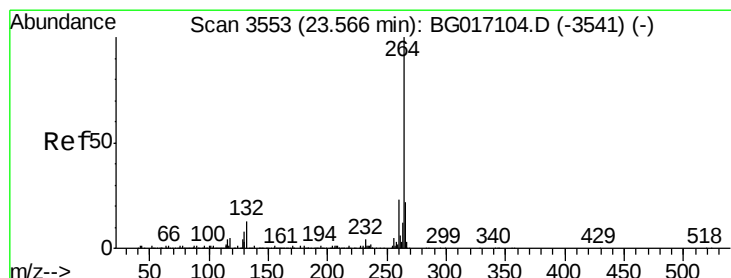
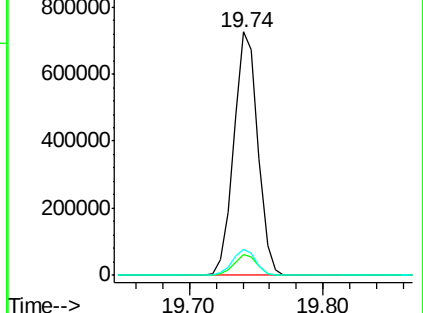
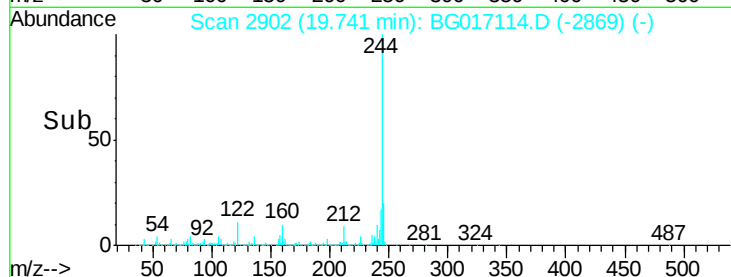
122 10.8 8.4 12.6



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: 23.55 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG017114.D

Acq: 13 May 2015 19:12

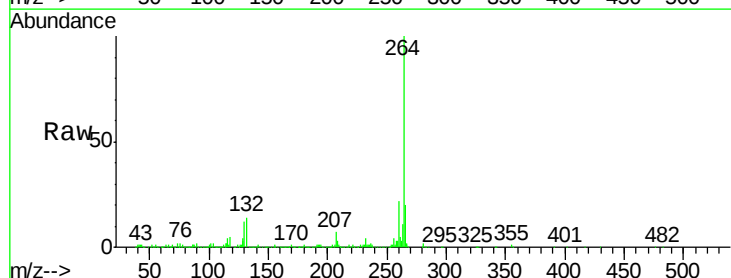
Tgt Ion:264 Resp: 297919

Ion Ratio Lower Upper

264 100

260 21.9 18.0 27.0

265 20.0 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

