

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017121.D
 Acq On : 13 May 2015 23:50
 Operator : TP/IZ
 Sample : G2194-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-16-7.0

Quant Time: May 14 04:18:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 03:58:31 2015
 Response via : Initial Calibration

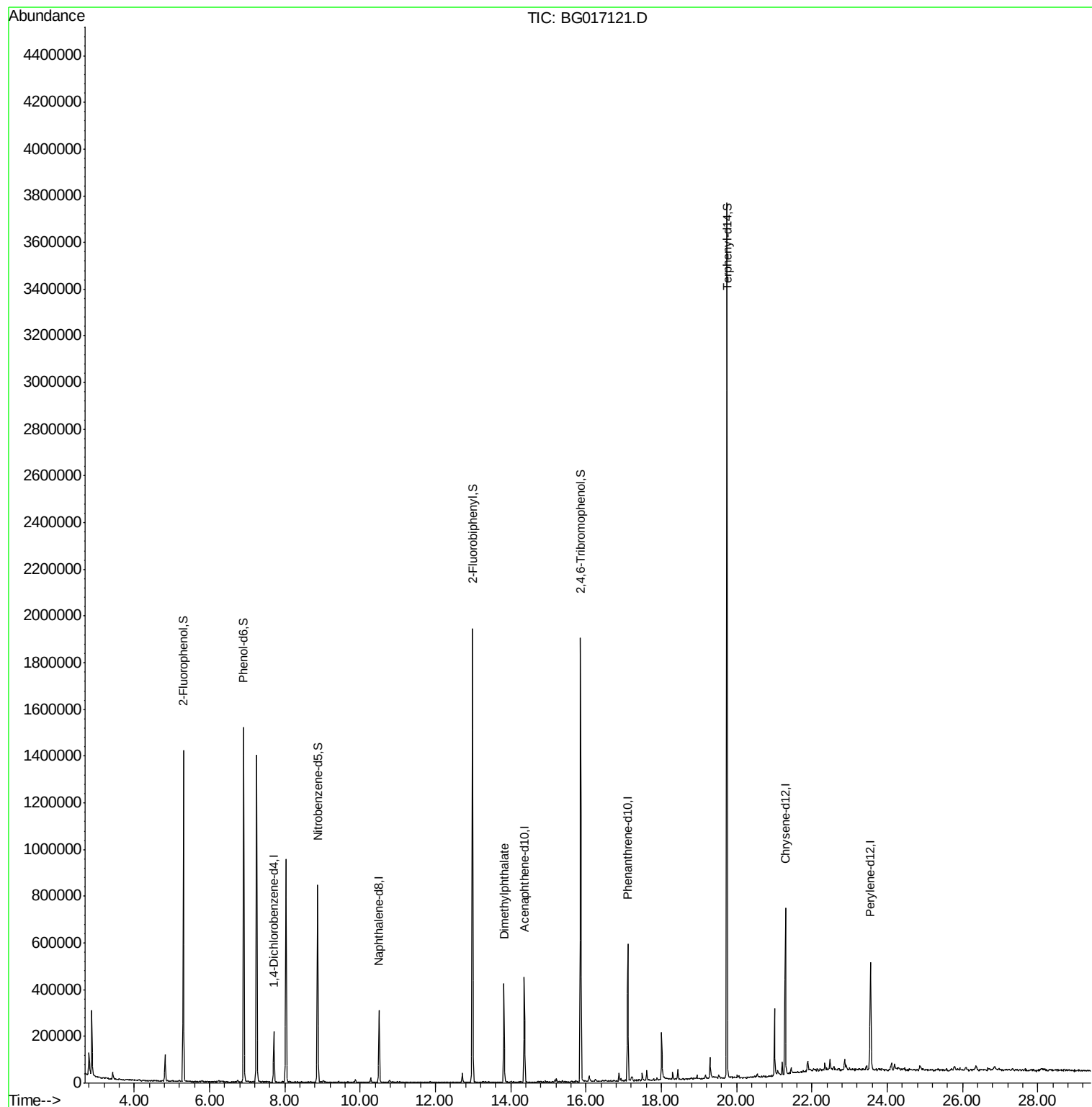
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	48529	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	208295	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	136842	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	309641	20.00	ng	0.00
75) Chrysene-d12	21.29	240	310176	20.00	ng	0.00
86) Perylene-d12	23.56	264	308056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	466710	170.63	ng	0.00
7) Phenol-d6	6.91	99	653522	170.26	ng	0.00
23) Nitrobenzene-d5	8.87	82	436086	97.74	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	265607	160.57	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	867599	93.03	ng	0.00
78) Terphenyl-d14	19.74	244	1383499	92.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.82	163	220326	20.59	ng	Qvalue 99

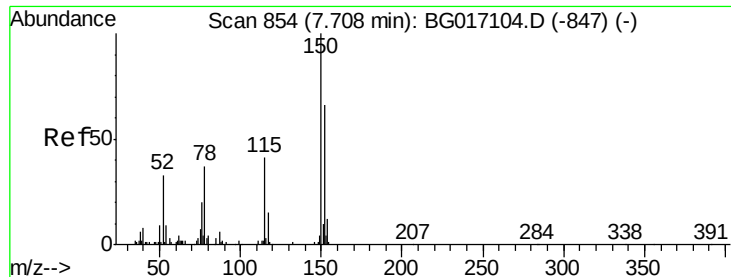
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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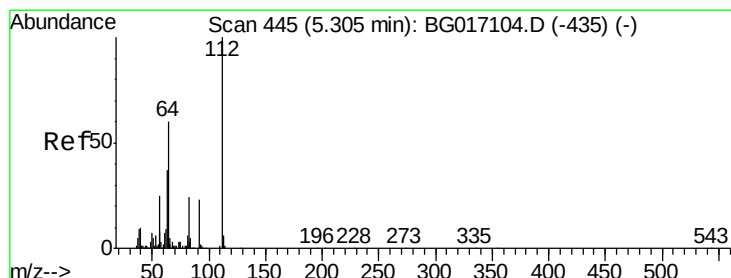
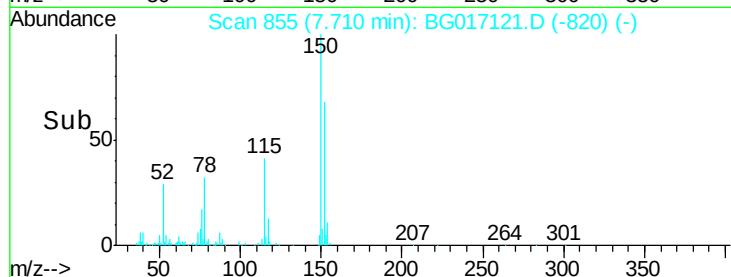
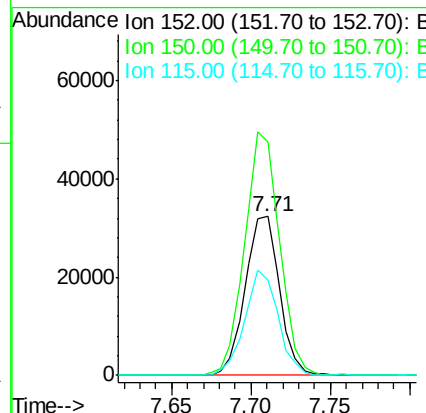
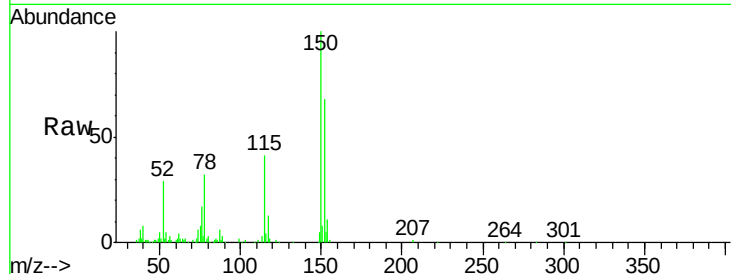


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG017121.D
Acq: 13 May 2015 23:50

Instrument :
BNA_G
ClientSampleId :
TU021-SB-16-7.0

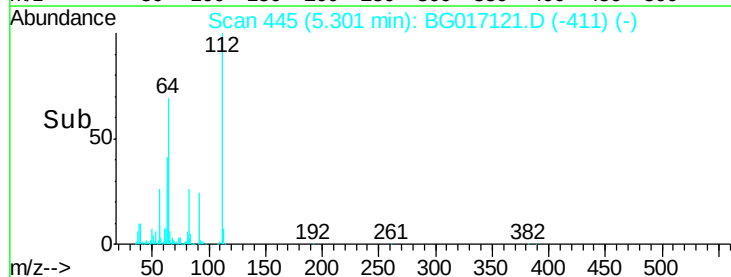
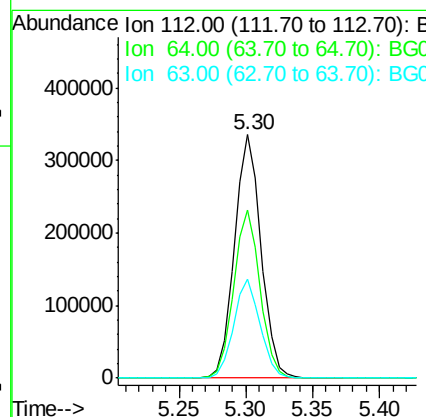
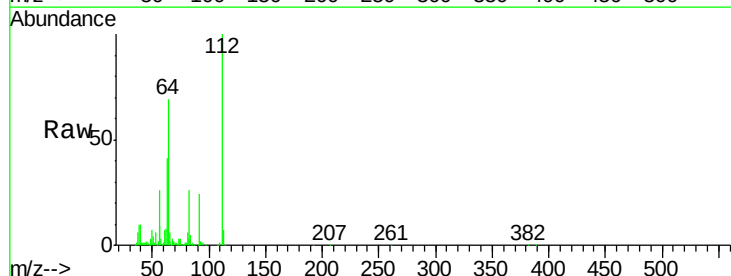
Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.3	120.8	181.2
115	59.9	49.4	74.2

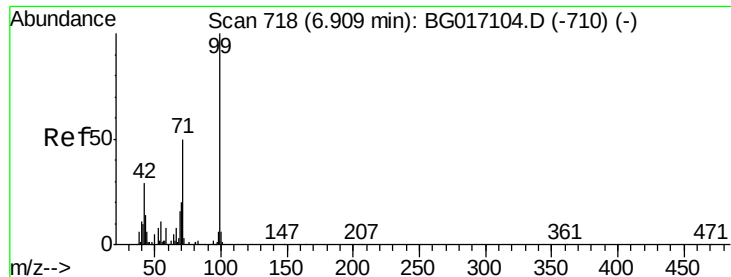


#5

2-Fluorophenol
Concen: 170.63 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017121.D
Acq: 13 May 2015 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	48.1	72.1
63	40.5	29.8	44.8





#7

Phenol-d6

Concen: 170.26 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

Instrument :

BNA_G

ClientSampleId :

TU021-SB-16-7.0

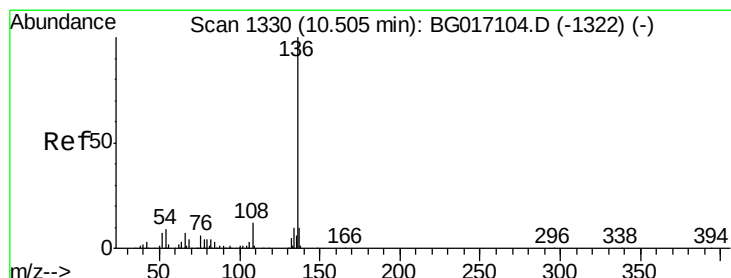
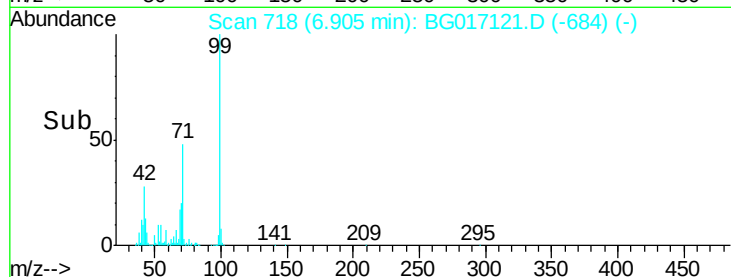
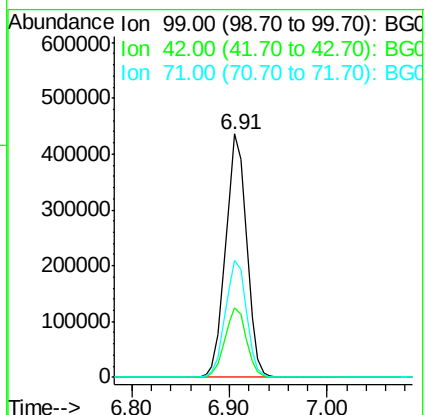
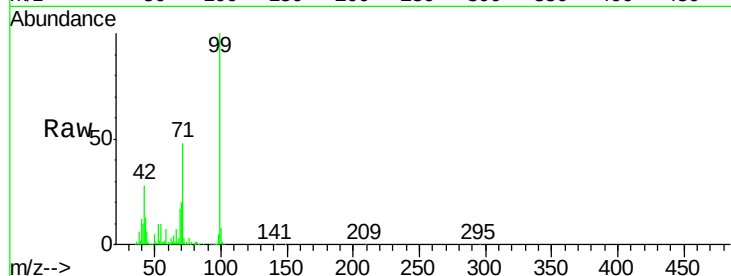
Tgt Ion: 99 Resp: 653522

Ion Ratio Lower Upper

99 100

42 28.4 23.5 35.3

71 48.1 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

Tgt Ion: 136 Resp: 208295

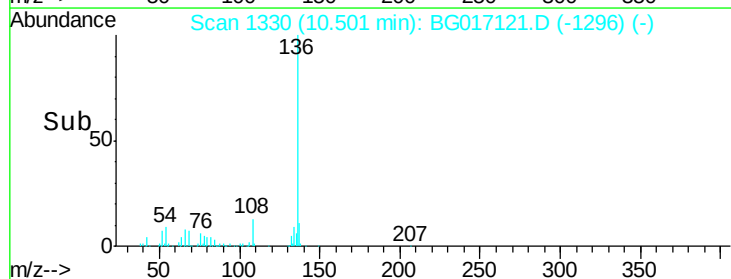
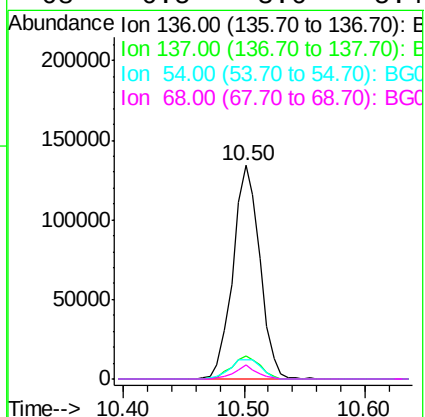
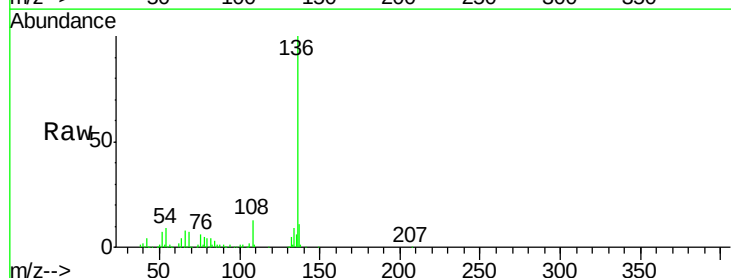
Ion Ratio Lower Upper

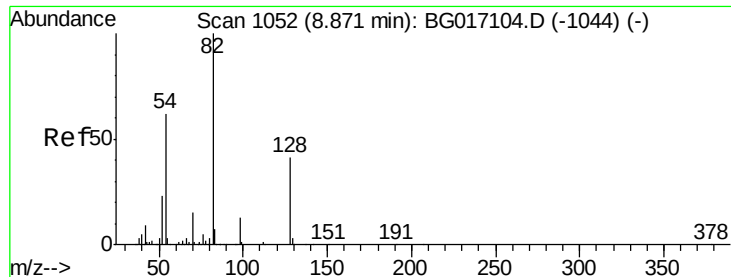
136 100

137 10.7 8.3 12.5

54 9.0 7.4 11.2

68 6.5 3.6 5.4#

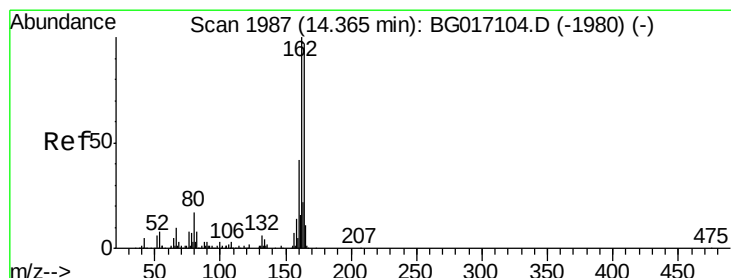
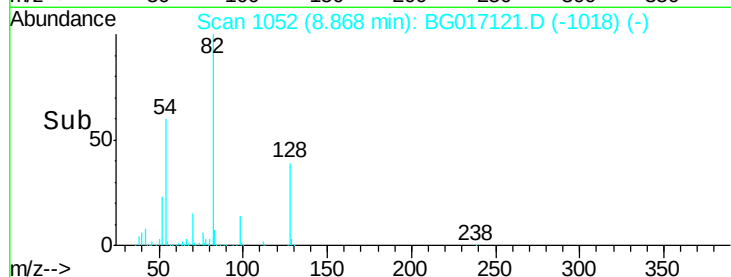
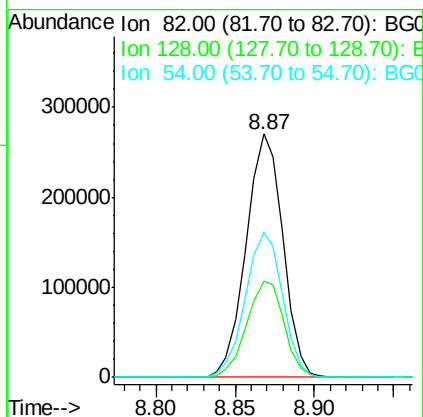
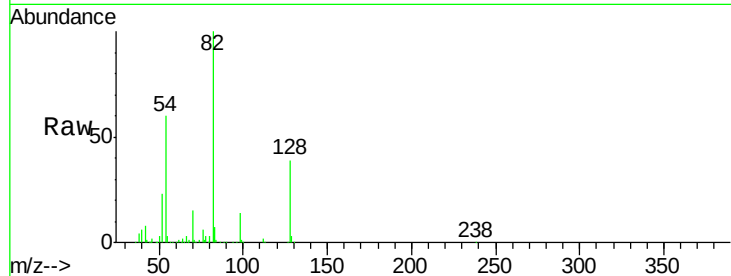




#23
 Nitrobenzene-d5
 Concen: 97.74 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017121.D
 Acq: 13 May 2015 23:50

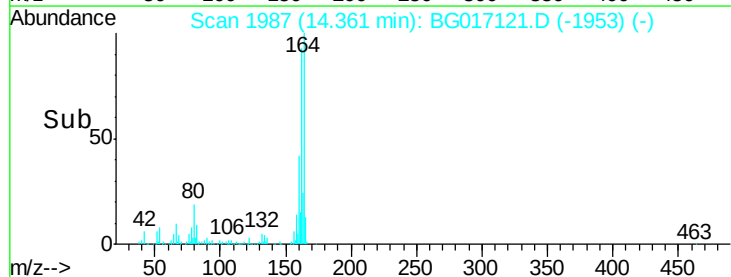
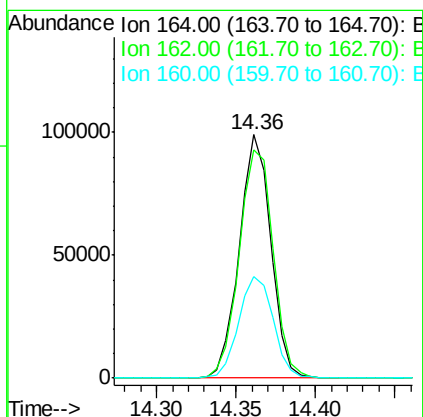
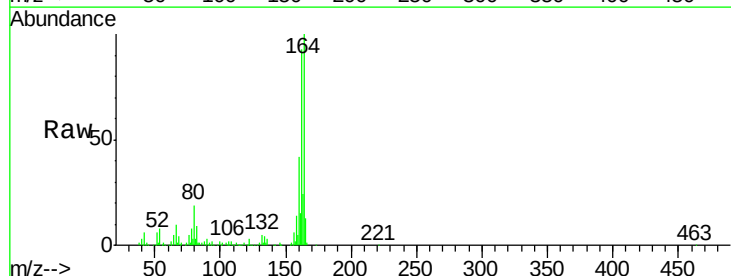
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-16-7.0

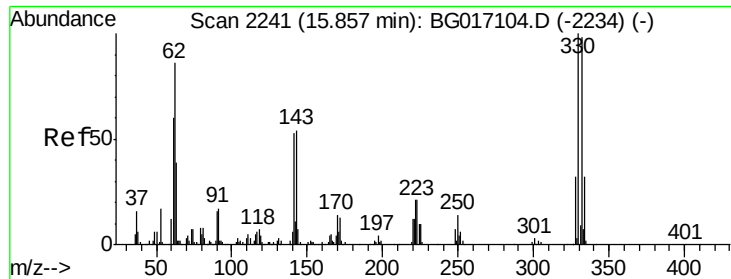
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	49.0
54	59.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017121.D
 Acq: 13 May 2015 23:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.5	82.1	123.1
160	41.8	34.8	52.2

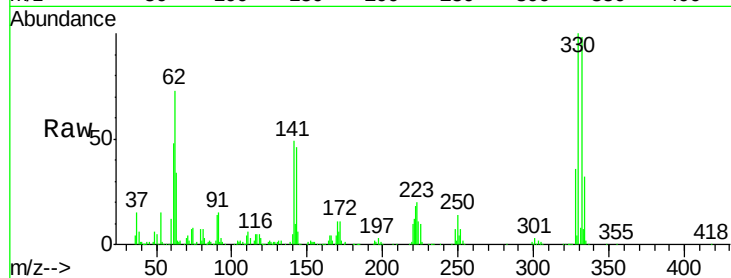




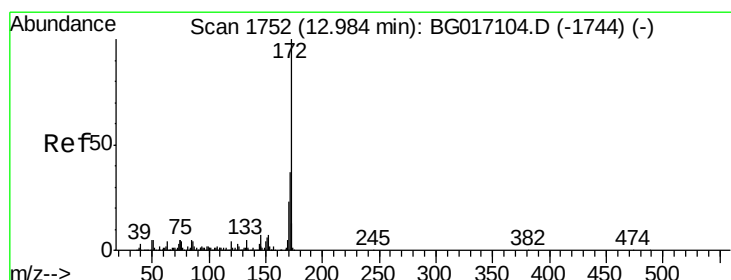
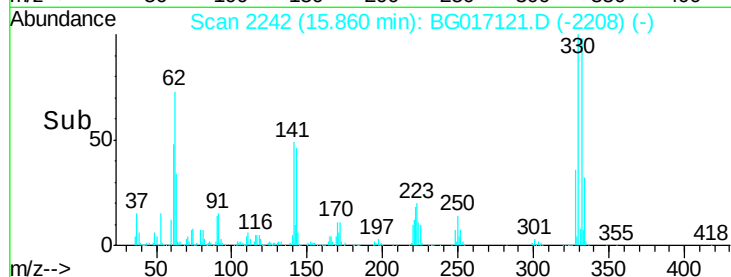
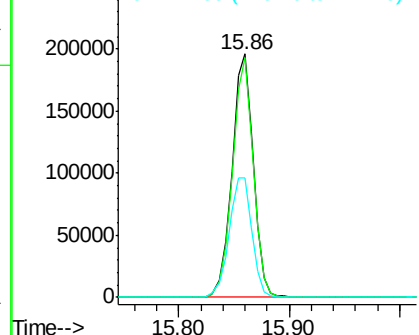
#41
2,4,6-Tribromophenol
Concen: 160.57 ng
RT: 15.86 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BG017121.D
Acq: 13 May 2015 23:50

Instrument :
BNA_G
ClientSampleId :
TU021-SB-16-7.0

Tgt Ion:330 Resp: 265607
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 52.7 42.2 63.2

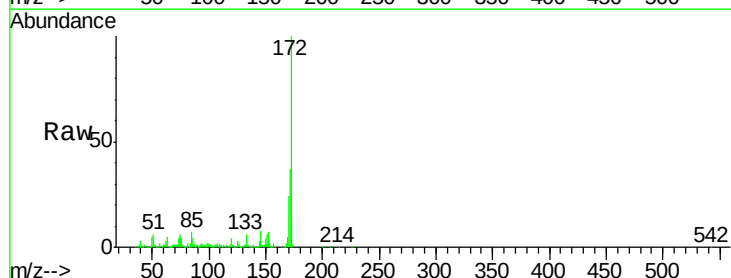


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

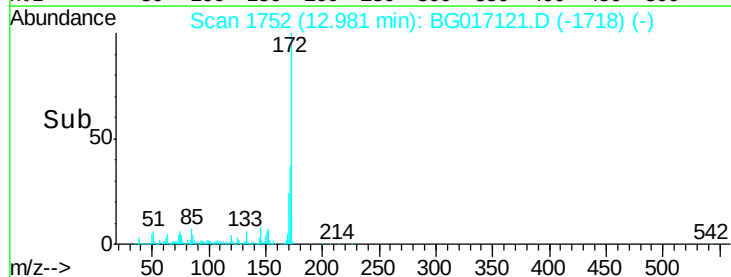
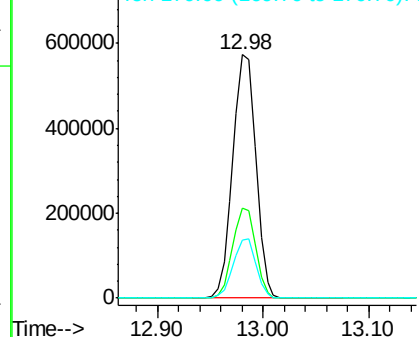


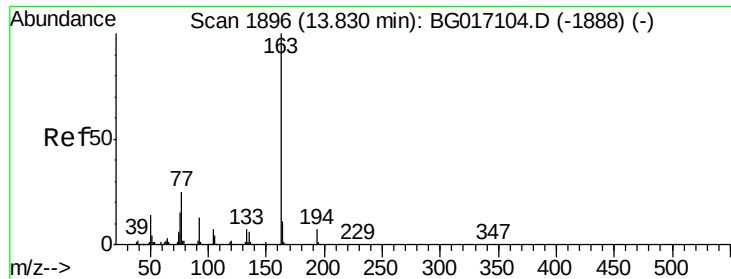
#44
2-Fluorobiphenyl
Concen: 93.03 ng
RT: 12.98 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG017121.D
Acq: 13 May 2015 23:50

Tgt Ion:172 Resp: 867599
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 20.59 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

Instrument :

BNA_G

ClientSampleId :

TU021-SB-16-7.0

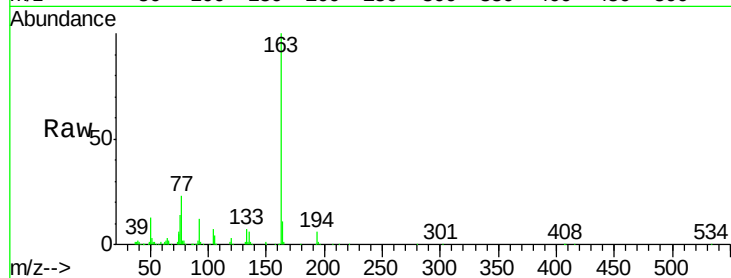
Tgt Ion:163 Resp: 220326

Ion Ratio Lower Upper

163 100

194 5.9 5.6 8.4

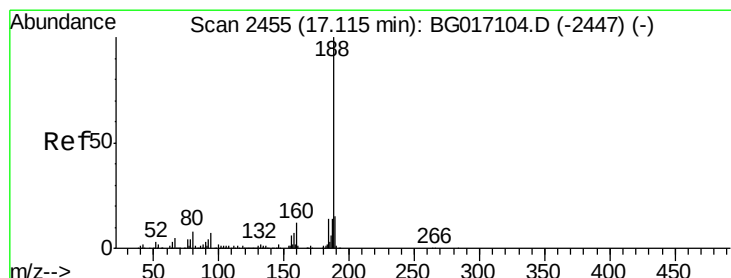
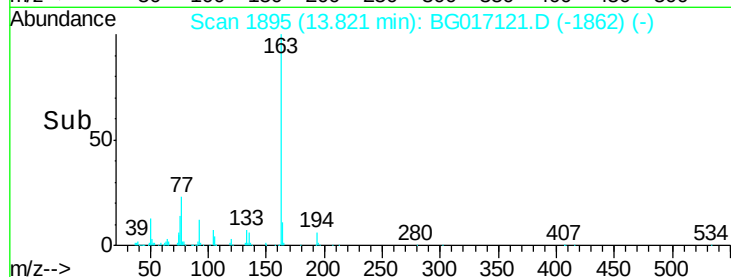
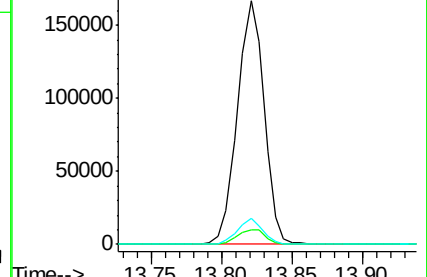
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

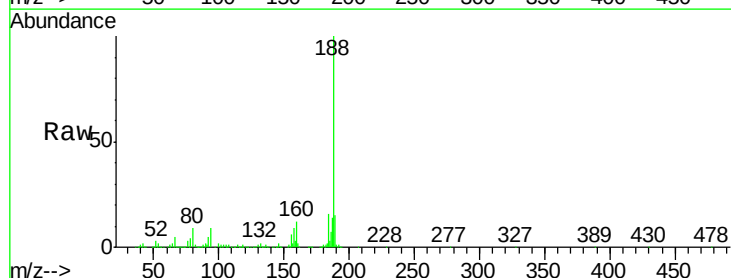
Tgt Ion:188 Resp: 309641

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6#

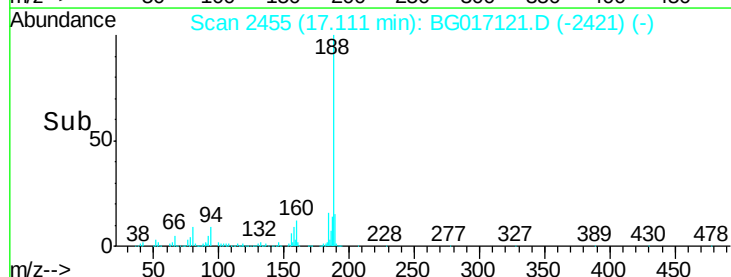
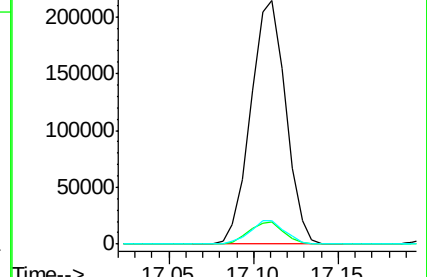
80 9.4 6.5 9.7

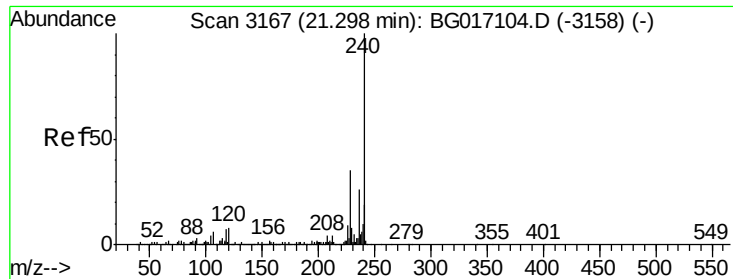


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3167

Delta R.T. -0.00 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

Instrument :

BNA_G

ClientSampleId :

TU021-SB-16-7.0

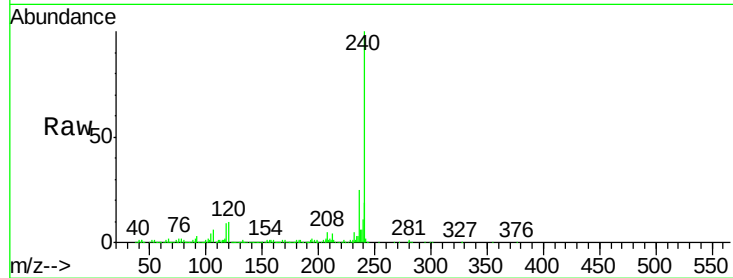
Tgt Ion:240 Resp: 310176

Ion Ratio Lower Upper

240 100

120 10.5 6.0 9.0#

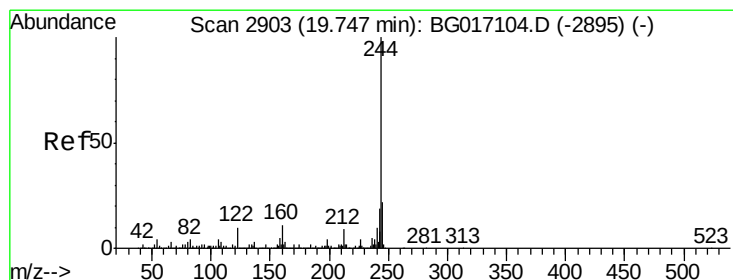
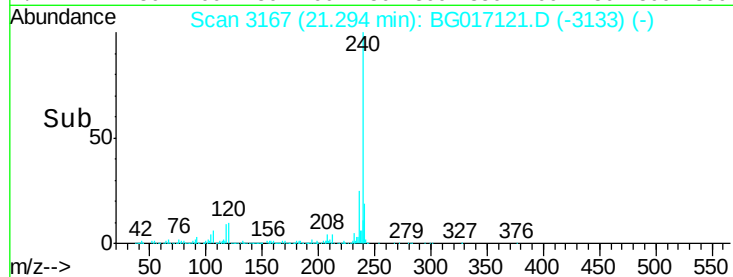
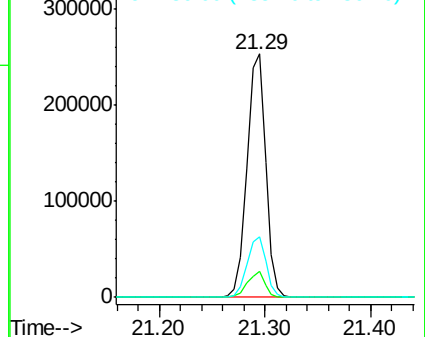
236 25.0 20.5 30.7



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: 92.95 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017121.D

Acq: 13 May 2015 23:50

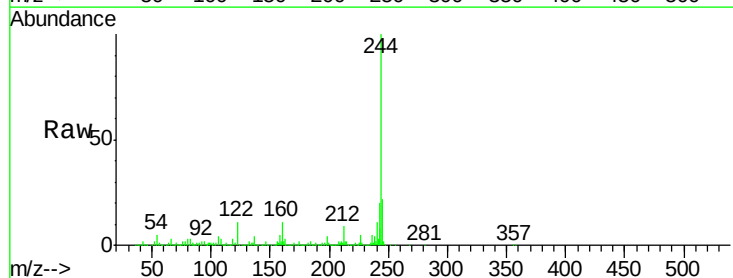
Tgt Ion:244 Resp: 1383499

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

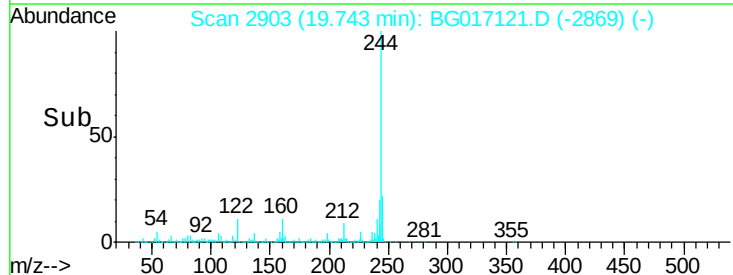
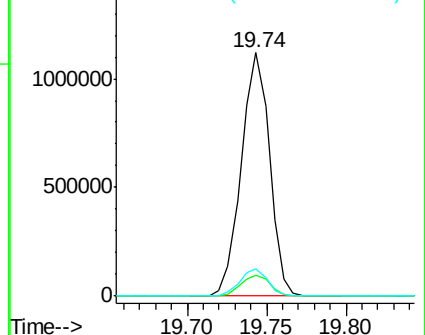
122 11.4 8.4 12.6

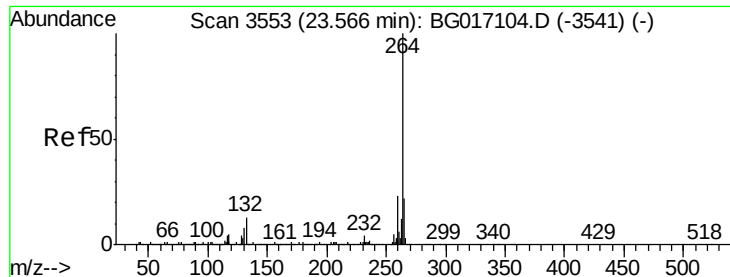


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017121.D

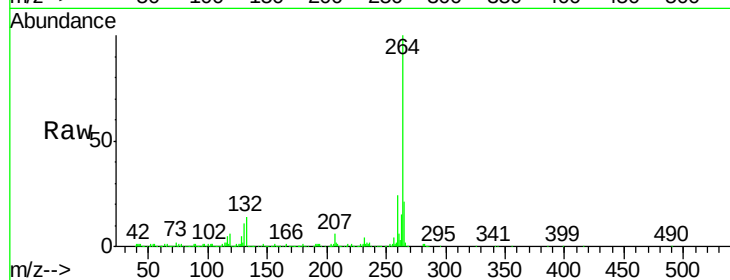
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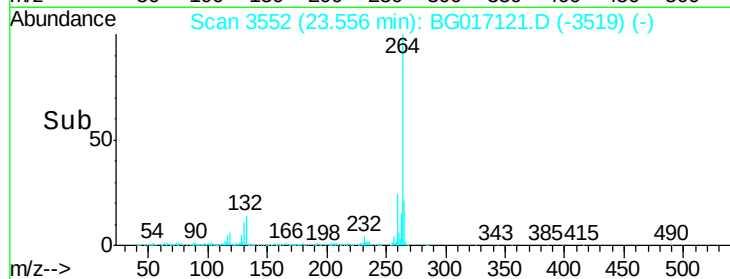
Tgt Ion: 264 Resp: 308056

Ion Ratio Lower Upper

264 100

260 23.8 18.0 27.0

265 20.9 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

200000

150000

100000

50000

0

23.56

23.55

23.56

23.57

23.58

23.59

23.60

Time-->