

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017681.D
 Acq On : 13 Jun 2015 19:25
 Operator : TP/IZ
 Sample : G2607-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-04(4AR-P-8)

Quant Time: Jun 15 05:42:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

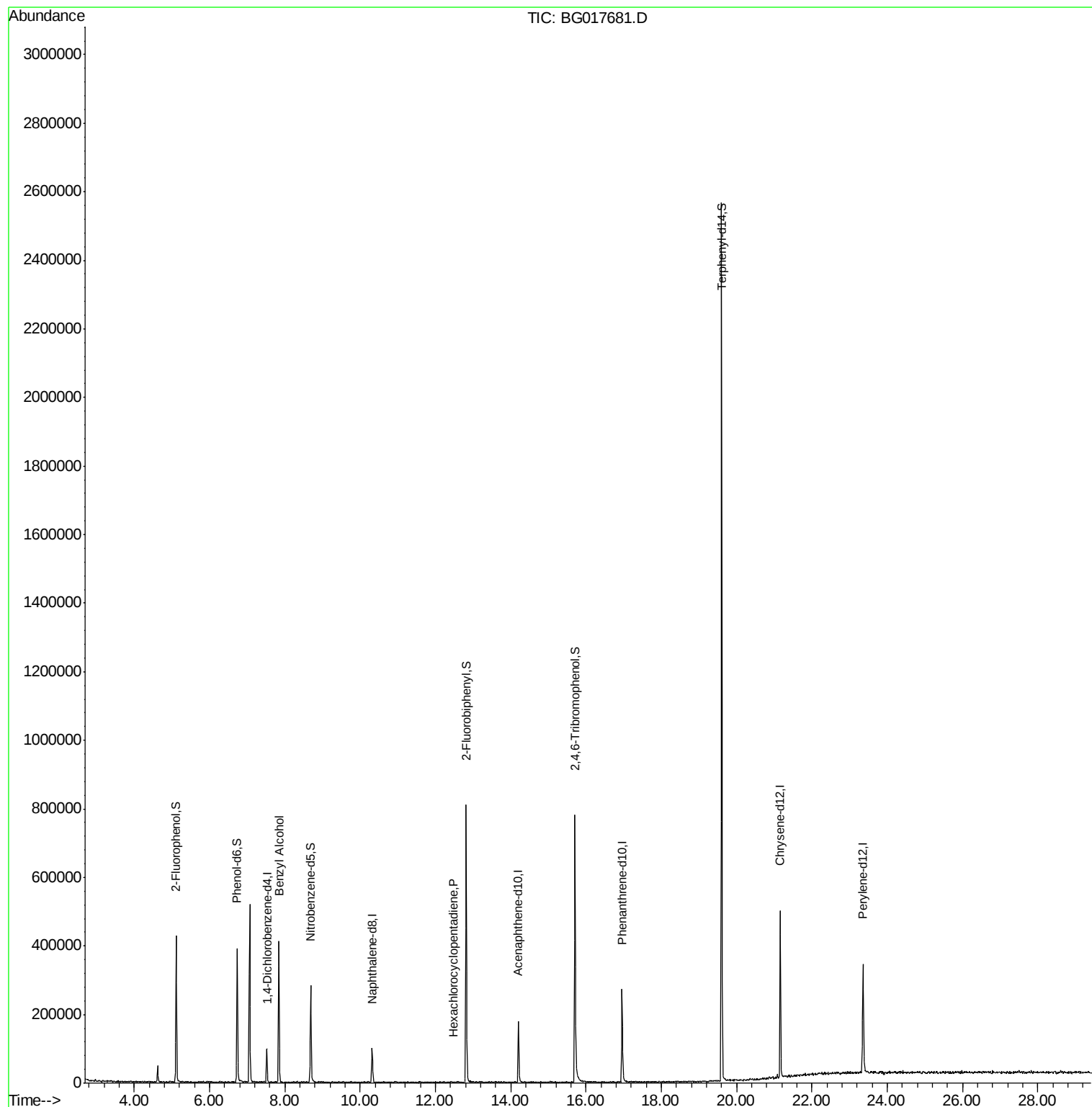
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19795	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	70897	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	57066	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	162426	20.00	ng	0.00
75) Chrysene-d12	21.16	240	240682	20.00	ng	0.00
86) Perylene-d12	23.36	264	241196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	137176	134.21	ng	0.00
7) Phenol-d6	6.73	99	170865	114.09	ng	0.00
23) Nitrobenzene-d5	8.69	82	154480	91.46	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	133058	135.08	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	352924	85.54	ng	0.00
78) Terphenyl-d14	19.60	244	1027356	89.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3600	2.18	ng	# 31
40) Hexachlorocyclopentadiene	12.47	237	76	5.09	ng	# 25

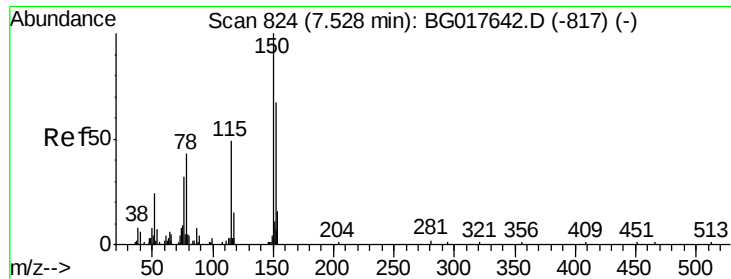
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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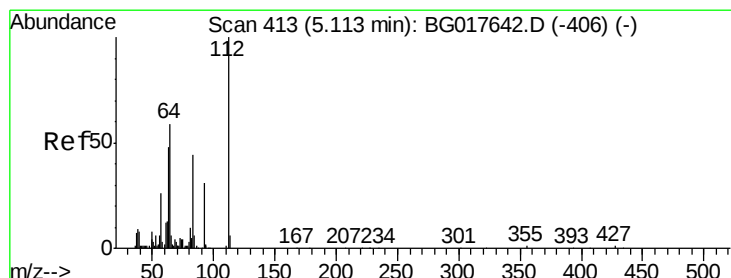
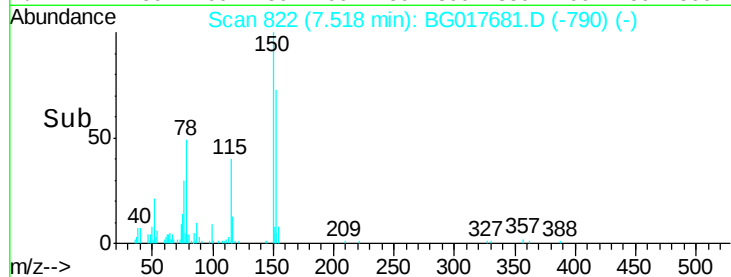
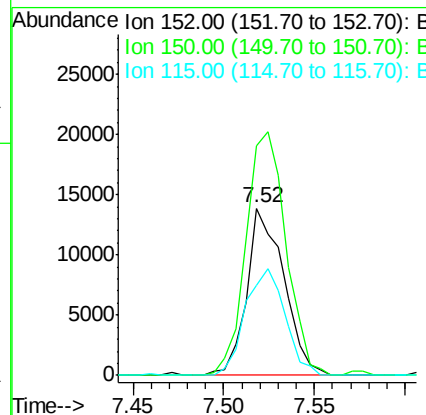
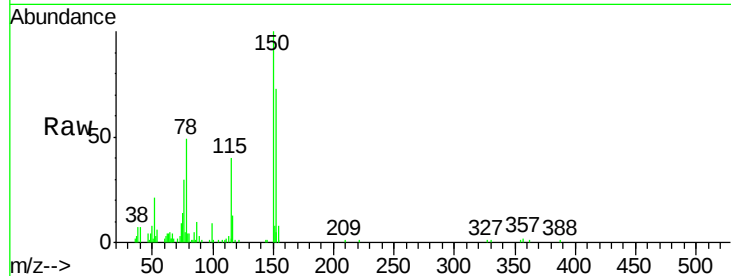


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG017681.D
Acq: 13 Jun 2015 19:25

Instrument :
BNA_G
ClientSampleId :
SK-NYW-04(4AR-P-8)

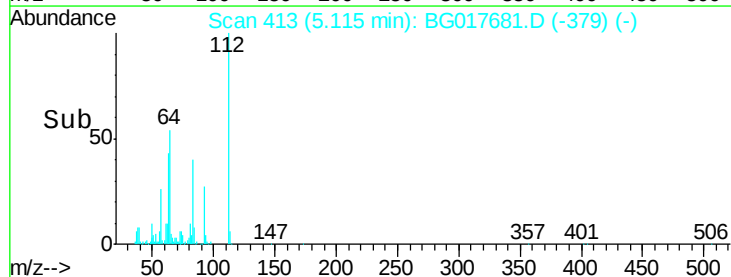
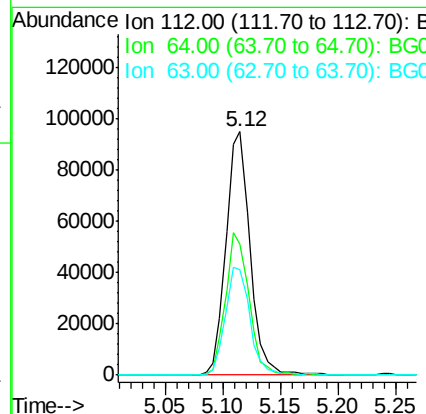
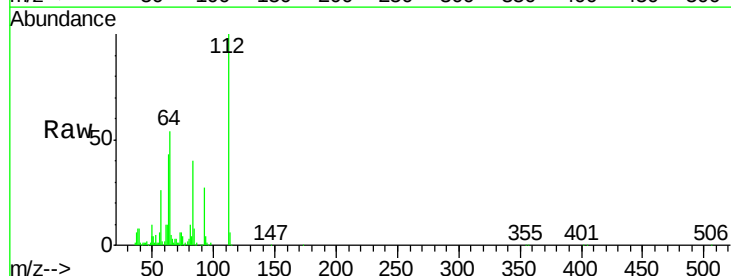
Tgt Ion:152 Resp: 19795
Ion Ratio Lower Upper
152 100
150 136.9 119.4 179.0
115 54.1 58.2 87.2#

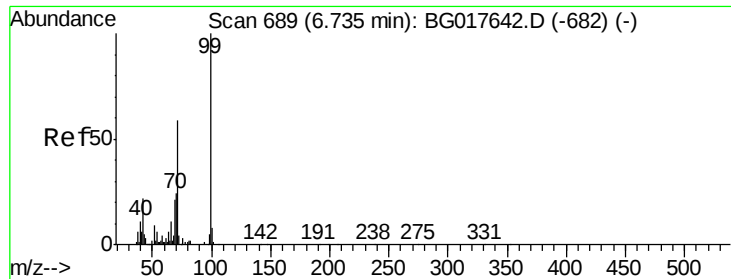


#5

2-Fluorophenol
Concen: 134.21 ng
RT: 5.12 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017681.D
Acq: 13 Jun 2015 19:25

Tgt Ion:112 Resp: 137176
Ion Ratio Lower Upper
112 100
64 53.7 47.0 70.6
63 43.4 38.6 58.0





#7

Phenol-d6

Concen: 114.09 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

Instrument :

BNA_G

ClientSampleId :

SK-NYW-04(4AR-P-8)

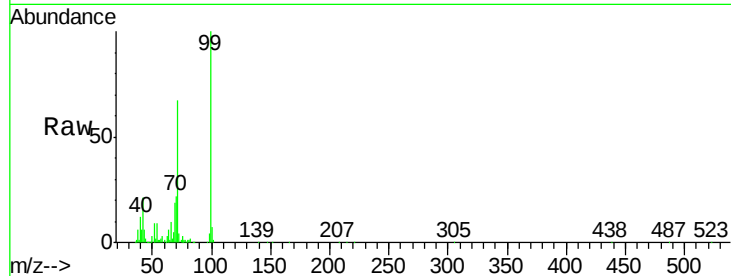
Tgt Ion: 99 Resp: 170865

Ion Ratio Lower Upper

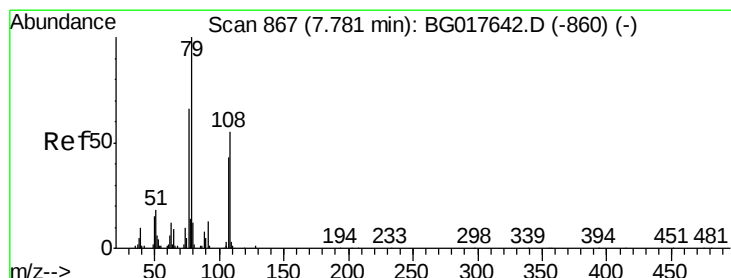
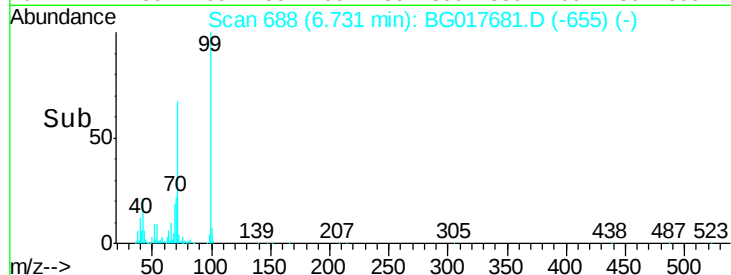
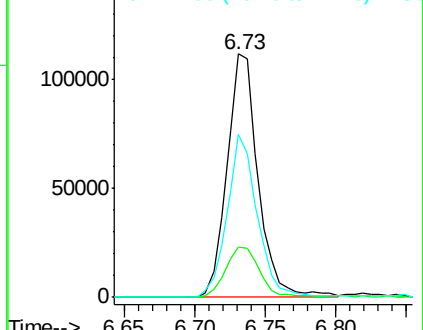
99 100

42 20.6 17.4 26.2

71 66.7 47.4 71.0



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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

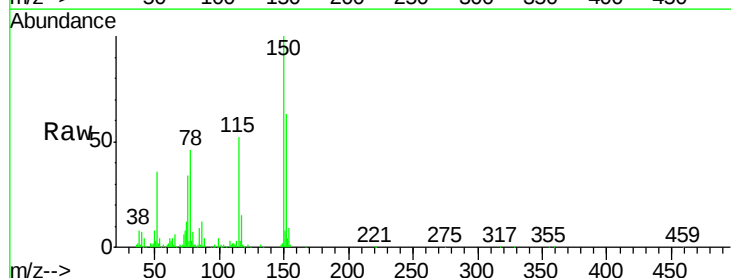
Tgt Ion: 79 Resp: 3600

Ion Ratio Lower Upper

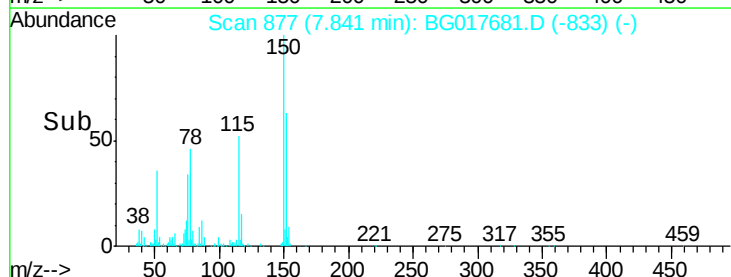
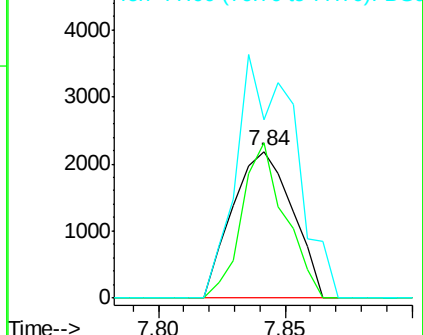
79 100

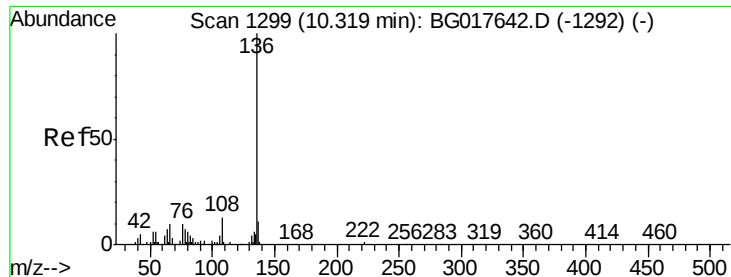
108 106.2 44.6 67.0#

77 121.2 53.1 79.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

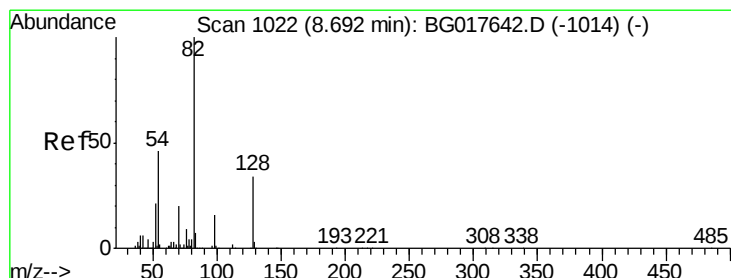
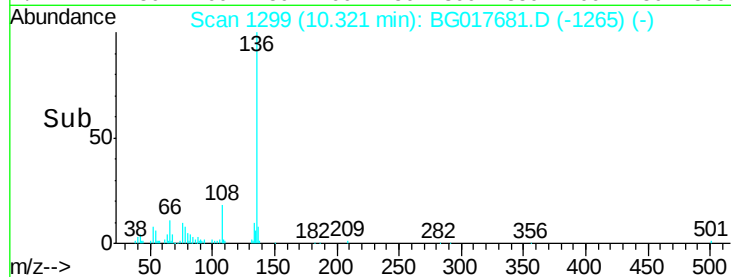
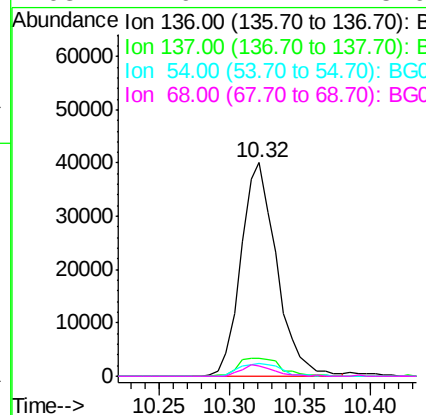
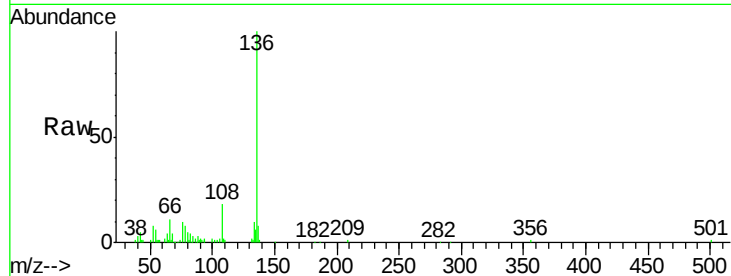




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017681.D
Acq: 13 Jun 2015 19:25

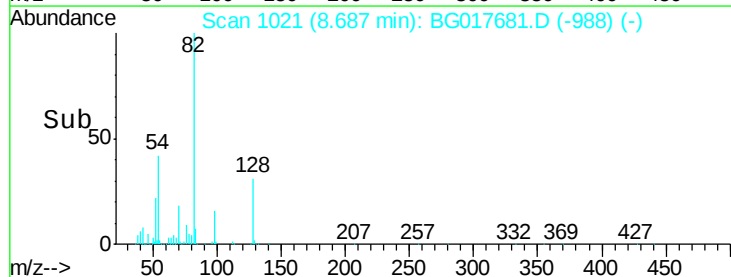
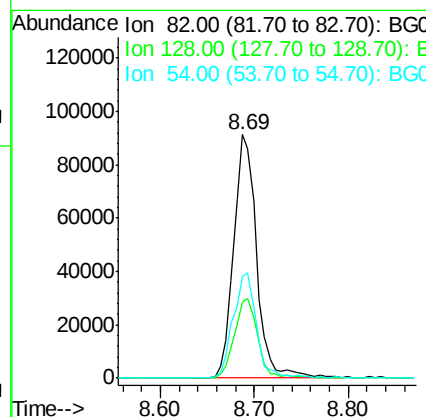
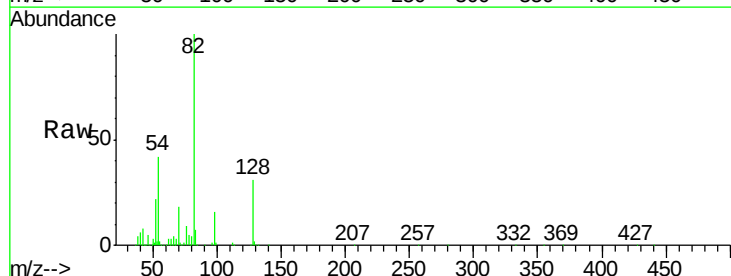
Instrument :
BNA_G
ClientSampleId :
SK-NYW-04(4AR-P-8)

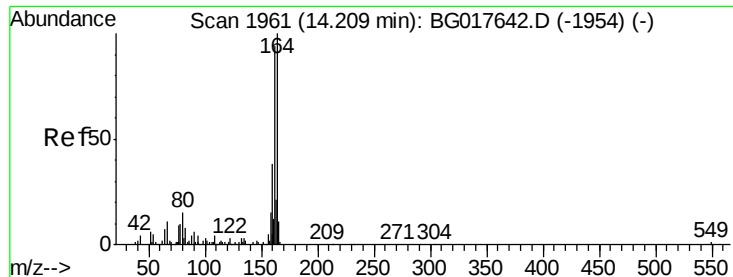
Tgt Ion:	136	Resp:	70897
Ion	Ratio	Lower	Upper
136	100		
137	8.5	8.7	13.1#
54	5.9	4.7	7.1
68	4.9	2.4	3.6#



#23
Nitrobenzene-d5
Concen: 91.46 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017681.D
Acq: 13 Jun 2015 19:25

Tgt Ion:	82	Resp:	154480
Ion	Ratio	Lower	Upper
82	100		
128	31.1	27.3	40.9
54	41.7	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

Instrument :

BNA_G

ClientSampleId :

SK-NYW-04(4AR-P-8)

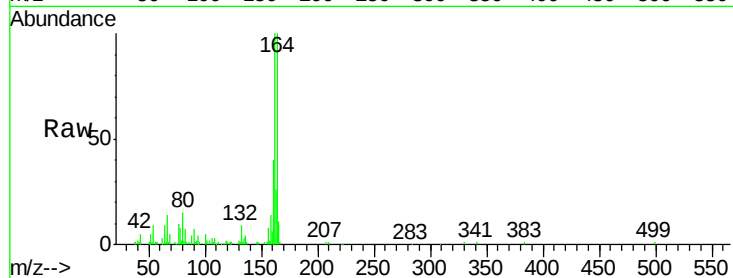
Tgt Ion:164 Resp: 57066

Ion Ratio Lower Upper

164 100

162 100.0 75.0 112.4

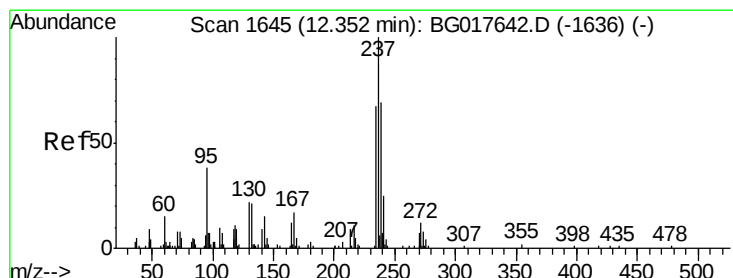
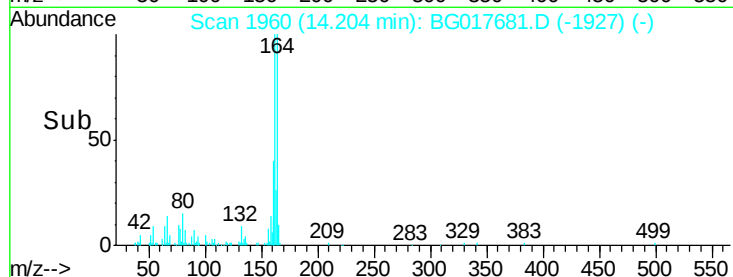
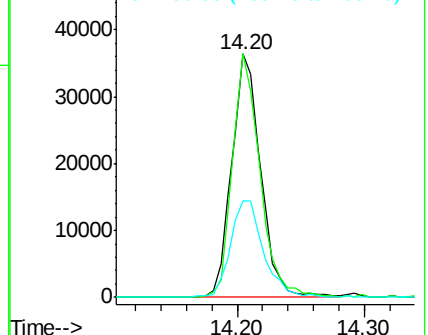
160 39.6 30.3 45.5



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



#40

Hexachlorocyclopentadiene

Concen: 5.09 ng

RT: 12.47 min Scan# 1664

Delta R.T. 0.11 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

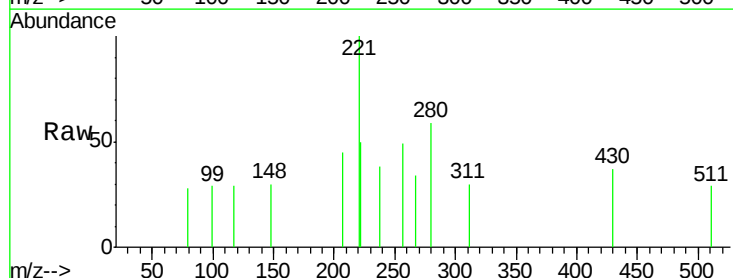
Tgt Ion:237 Resp: 76

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

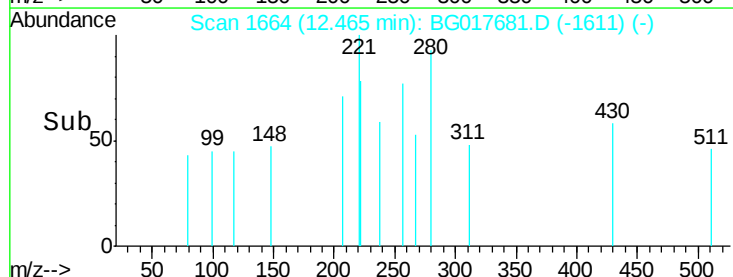
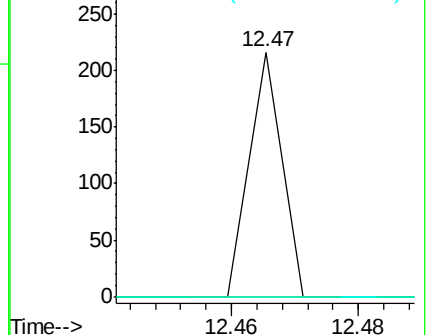
272 0.0 0.0 32.3

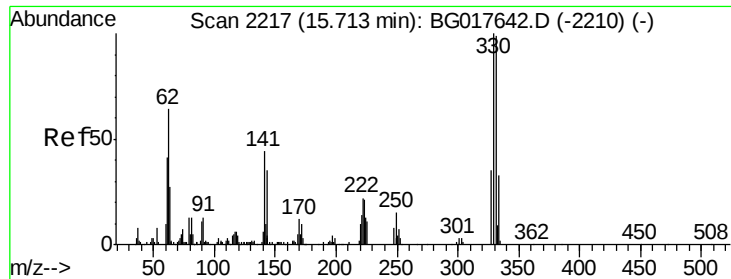


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

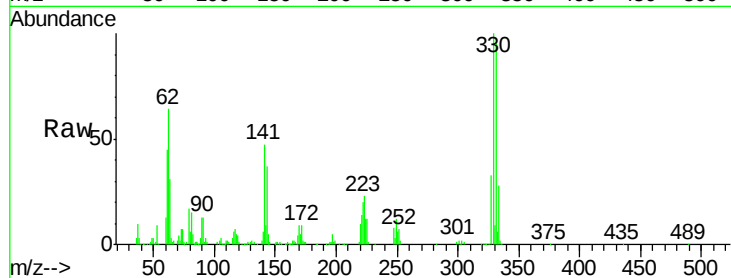




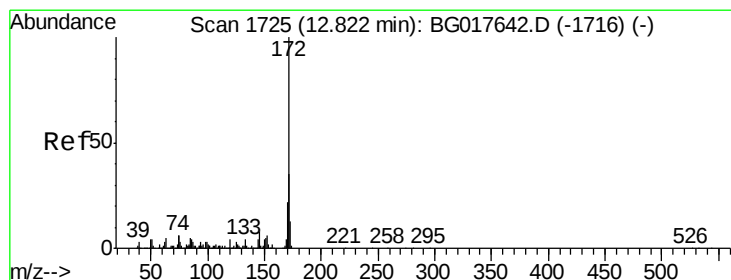
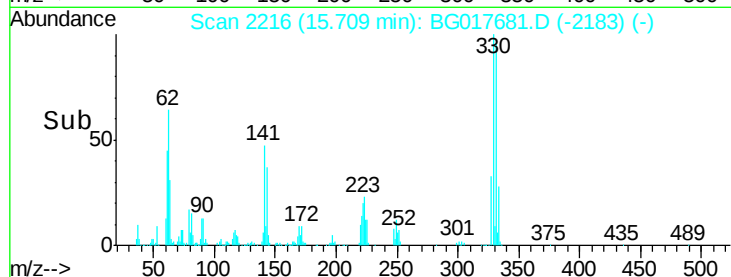
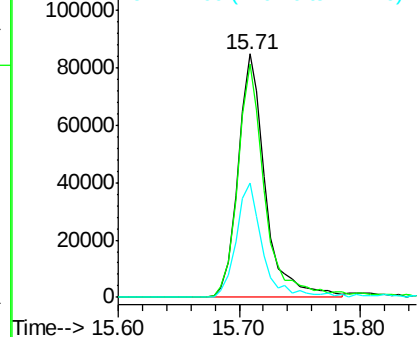
#41
 2,4,6-Tribromophenol
 Concen: 135.08 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017681.D
 Acq: 13 Jun 2015 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-04(4AR-P-8)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	45.6	34.6	51.8

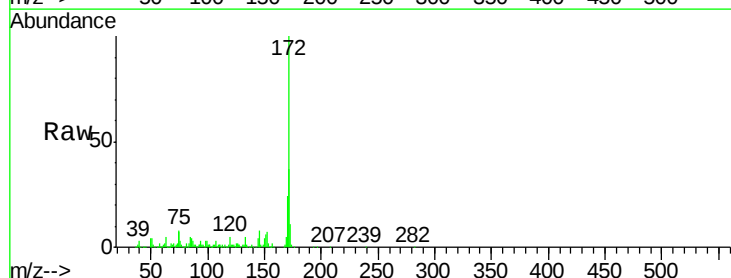


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

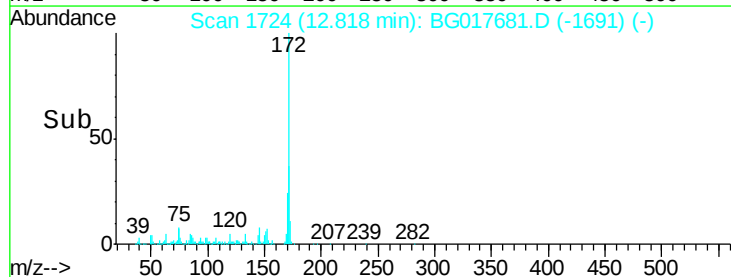
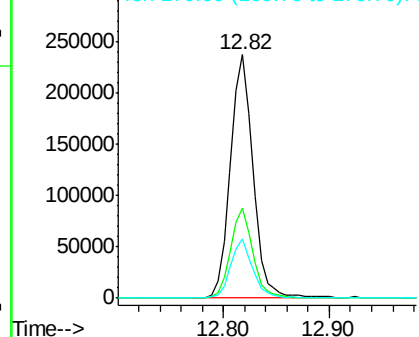


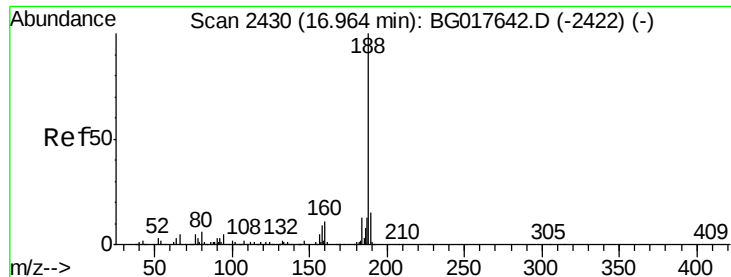
#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017681.D
 Acq: 13 Jun 2015 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.2
170	24.5	17.4	26.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

Instrument :

BNA_G

ClientSampleId :

SK-NYW-04(4AR-P-8)

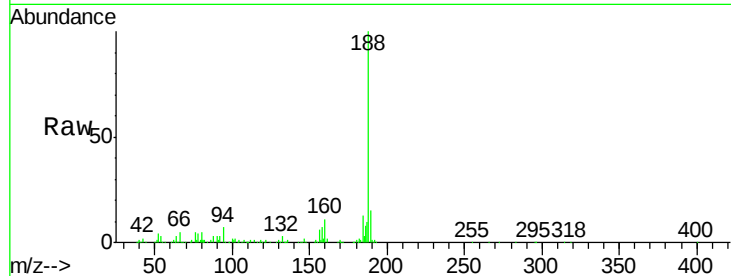
Tgt Ion:188 Resp: 162426

Ion Ratio Lower Upper

188 100

94 7.1 3.9 5.9#

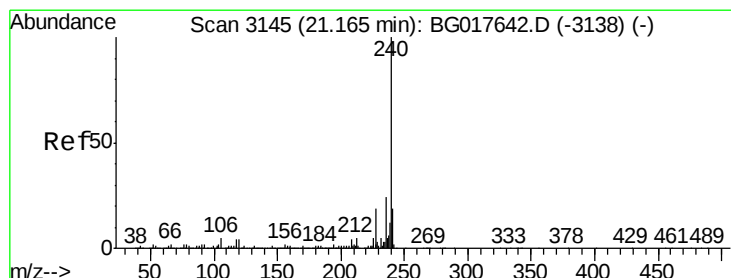
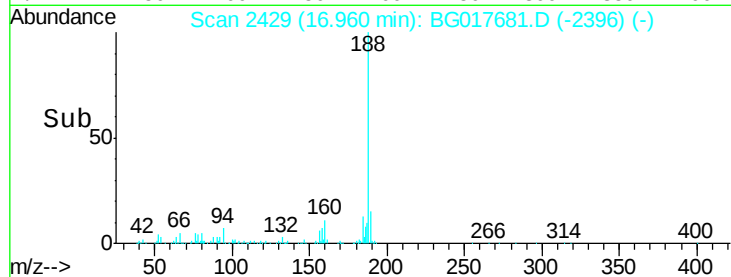
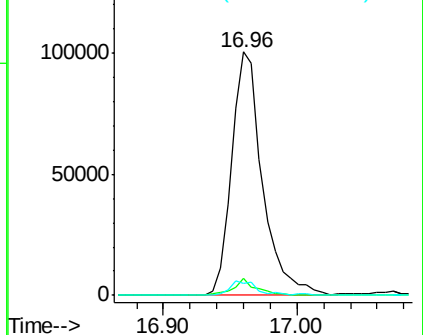
80 5.4 5.0 7.6



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: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

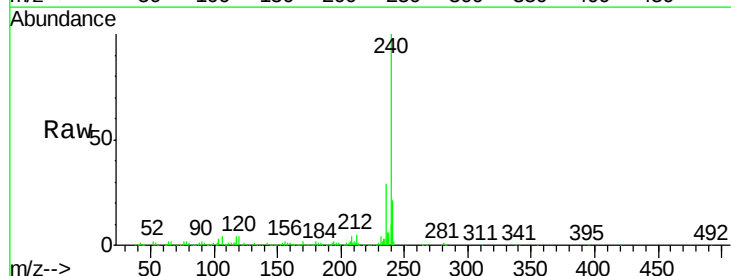
Tgt Ion:240 Resp: 240682

Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

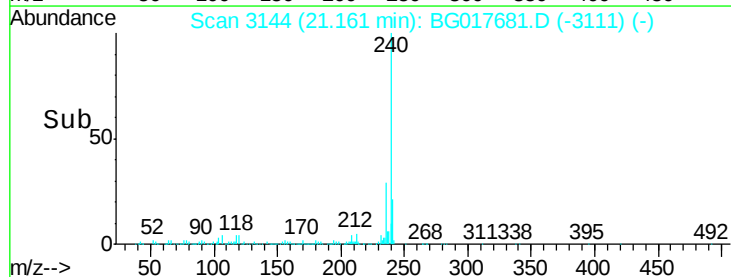
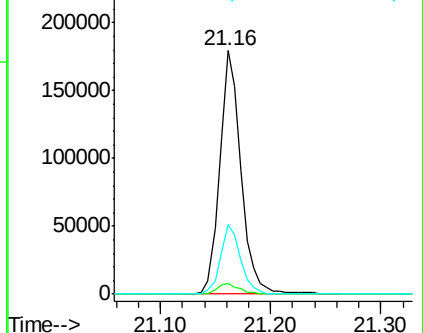
236 28.7 19.5 29.3

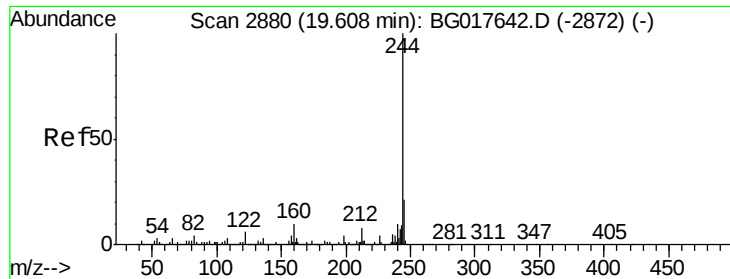


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.05 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

Instrument :

BNA_G

ClientSampleId :

SK-NYW-04(4AR-P-8)

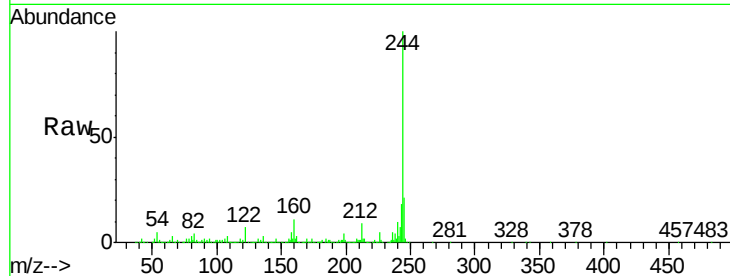
Tgt Ion:244 Resp: 1027356

Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

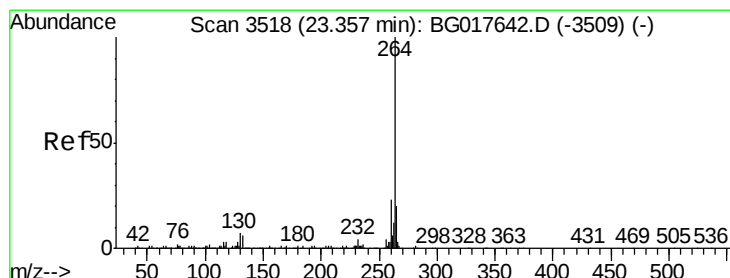
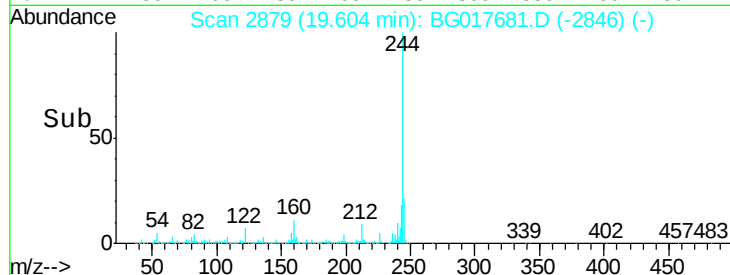
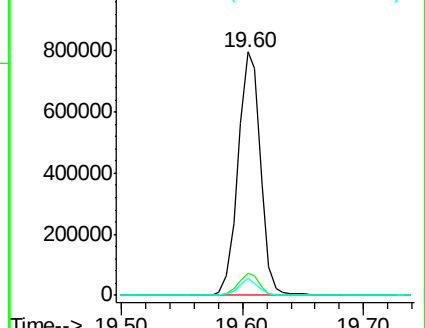
122 6.8 4.6 6.8



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: 23.36 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG017681.D

Acq: 13 Jun 2015 19:25

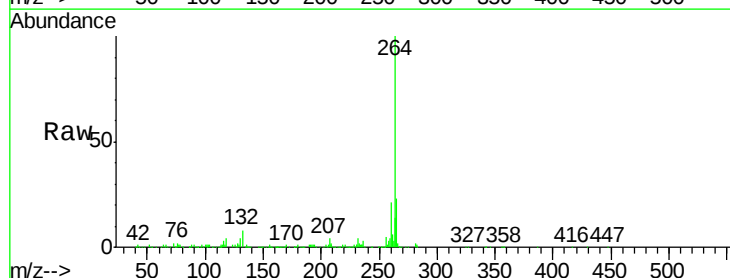
Tgt Ion:264 Resp: 241196

Ion Ratio Lower Upper

264 100

260 21.0 18.3 27.5

265 22.8 16.2 24.2



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

