

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021108.D
 Acq On : 27 Feb 2016 10:32
 Operator : UM/SJ
 Sample : H1558-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-20

Quant Time: Feb 29 00:13:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

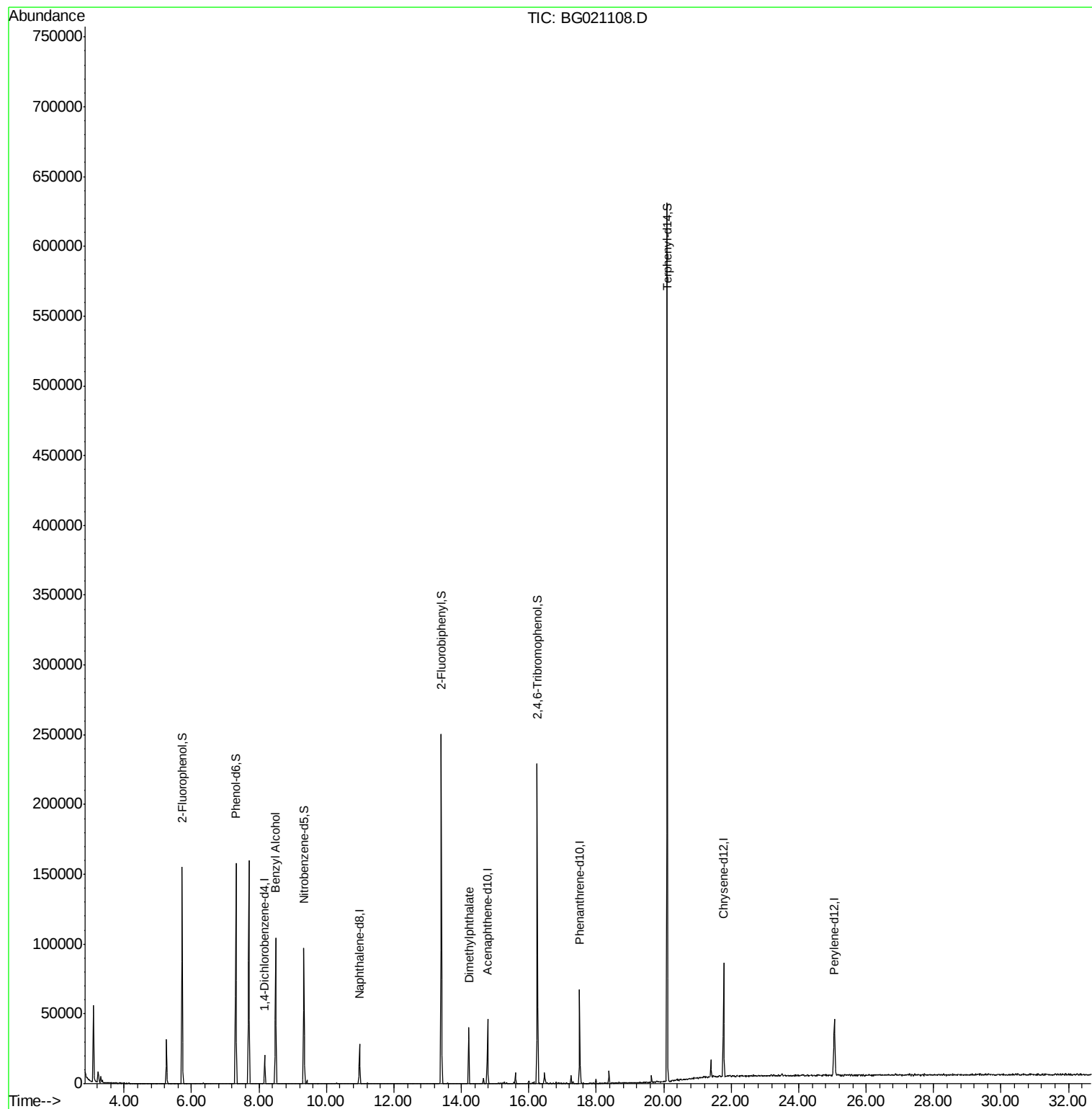
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5930	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	24231	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	15259	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	40099	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	49847	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45628	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	57561	169.94	ng	0.00
7) Phenol-d6	7.31	99	86724	172.06	ng	-0.01
23) Nitrobenzene-d5	9.33	82	58735	115.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	33733	168.61	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	121021	101.49	ng	-0.01
78) Terphenyl-d14	20.10	244	244778	114.76	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.49	79	953	2.16	ng	# 40
49) Dimethylphthalate	14.22	163	24281	18.46	ng	# 96

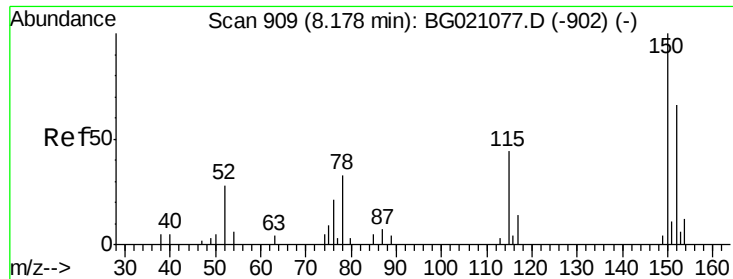
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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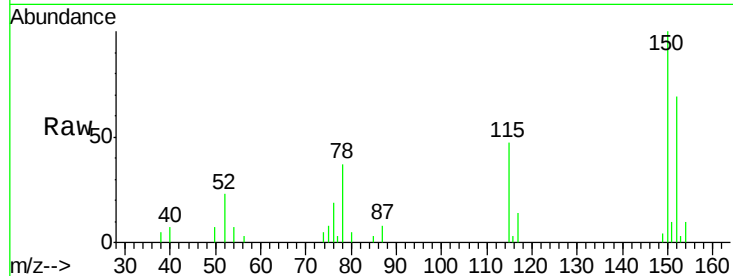


#1

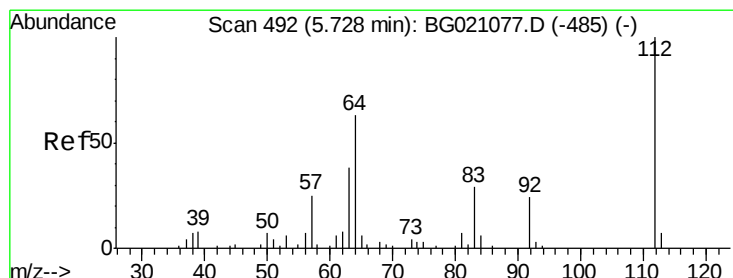
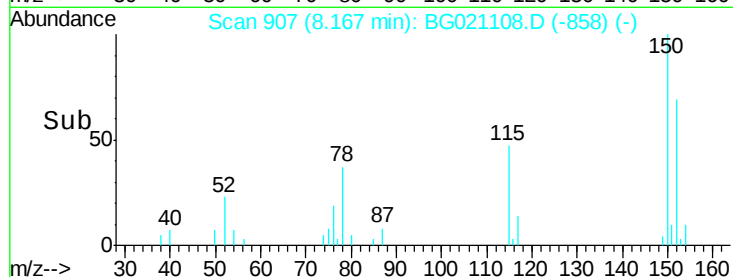
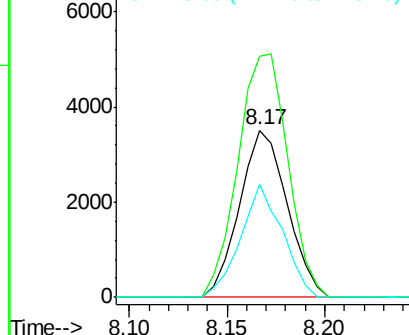
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Instrument :
BNA_G
ClientSampled :
S-20

Tgt Ion:152 Resp: 5930
Ion Ratio Lower Upper
152 100
150 144.1 123.4 185.2
115 67.6 43.3 64.9#



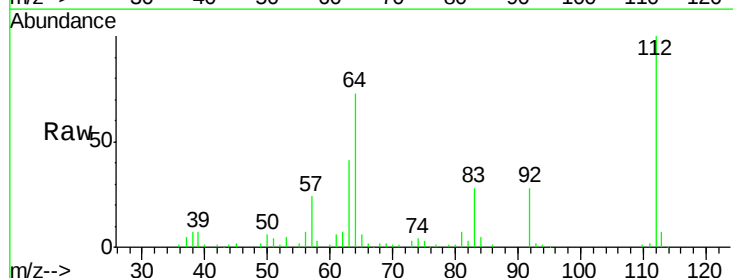
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



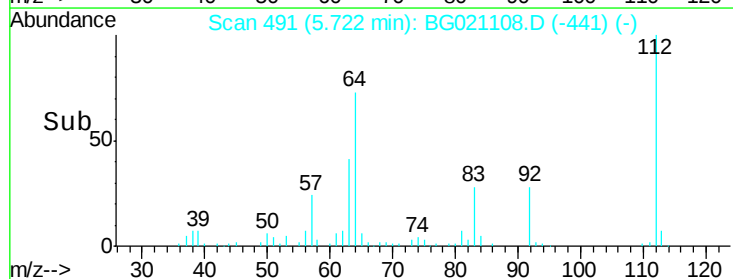
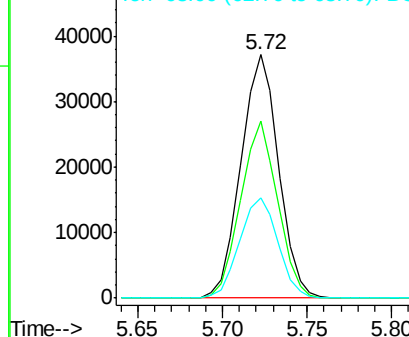
#5

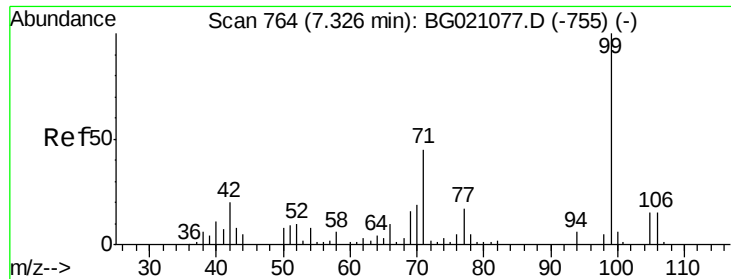
2-Fluorophenol
Concen: 169.94 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:112 Resp: 57561
Ion Ratio Lower Upper
112 100
64 72.8 42.6 63.8#
63 41.4 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 172.06 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

Instrument :

BNA_G

ClientSampleId :

S-20

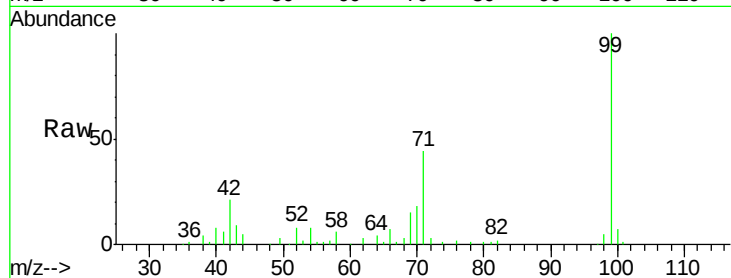
Tgt Ion: 99 Resp: 86724

Ion Ratio Lower Upper

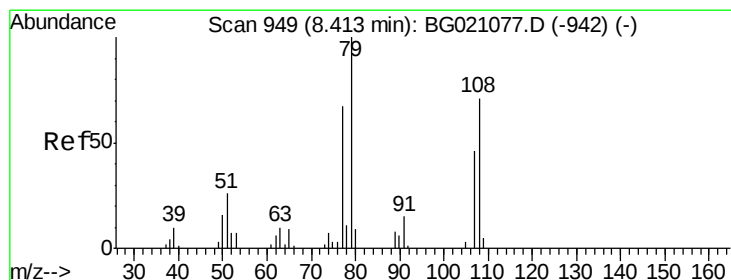
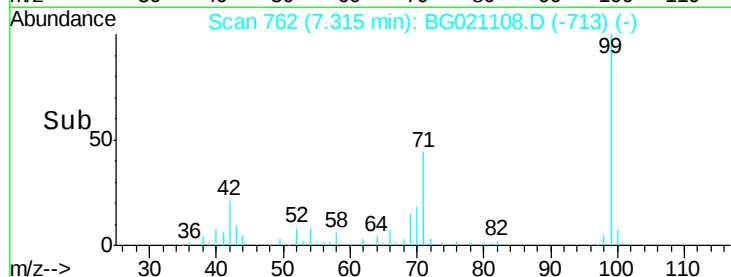
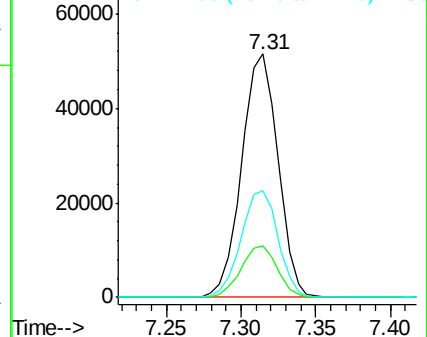
99 100

42 21.0 13.2 19.8#

71 43.7 25.2 37.8#



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

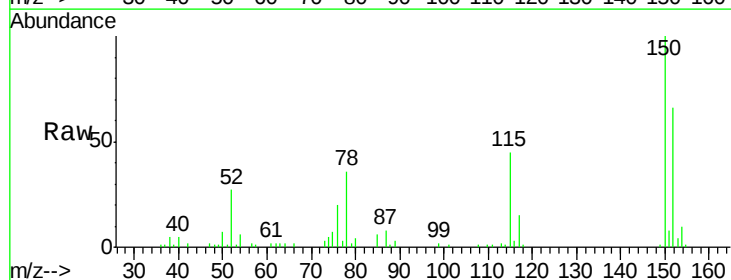
Tgt Ion: 79 Resp: 953

Ion Ratio Lower Upper

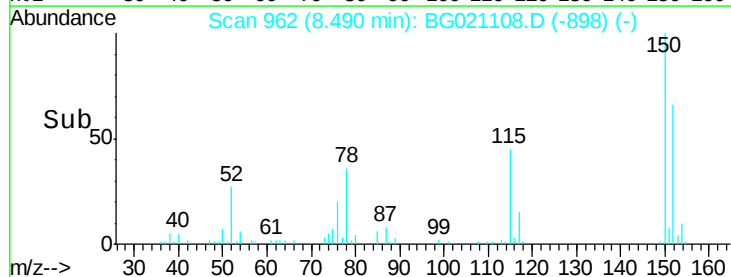
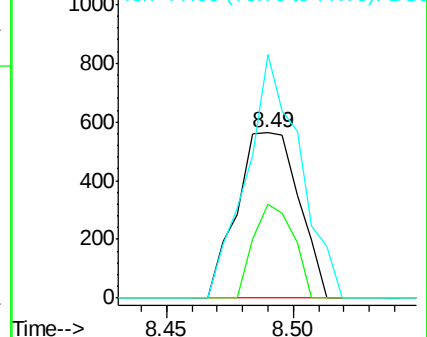
79 100

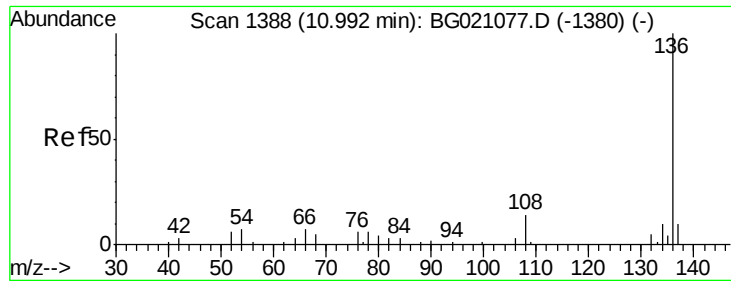
108 56.7 65.1 97.7#

77 147.2 53.8 80.8#



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

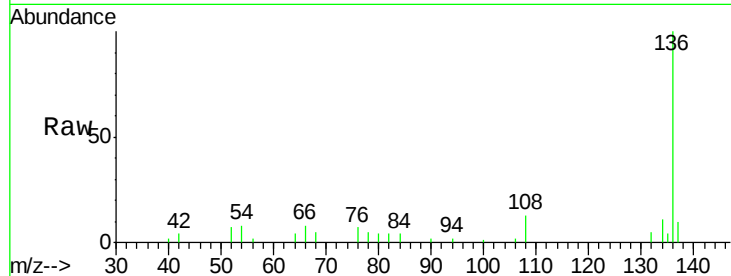




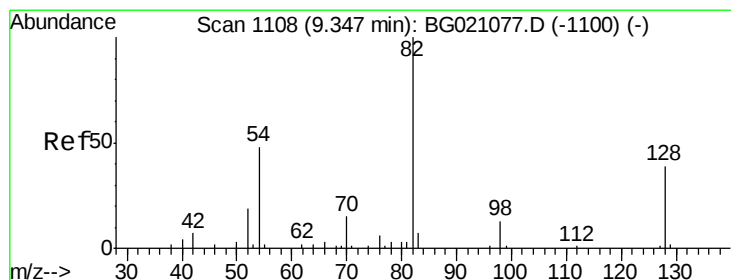
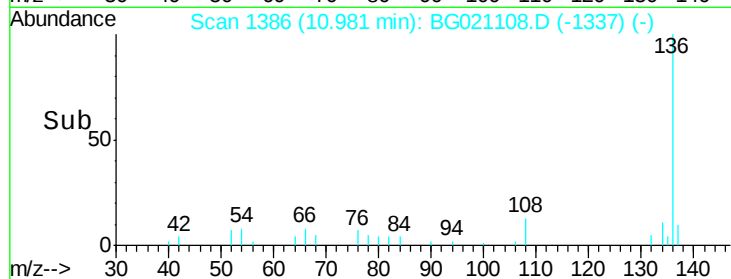
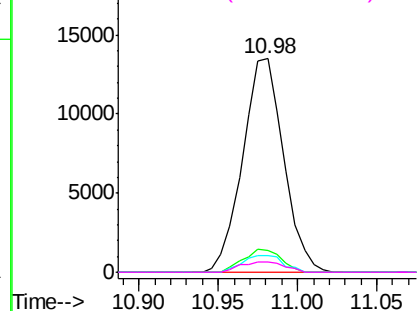
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Instrument :
BNA_G
ClientSampleId :
S-20

Tgt Ion:136 Resp: 24231
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 6.9 10.3
68 5.0 5.8 8.6#

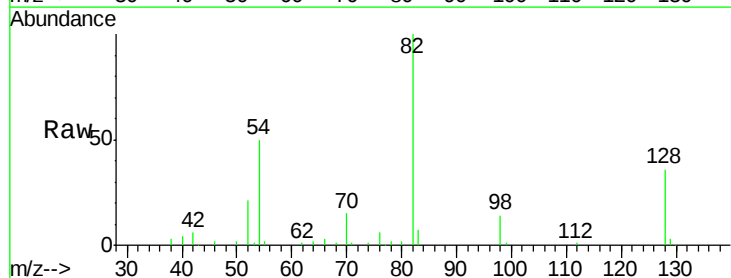


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

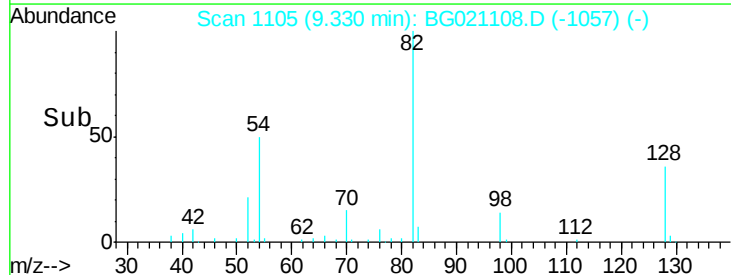
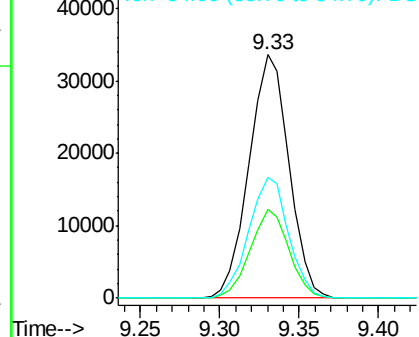


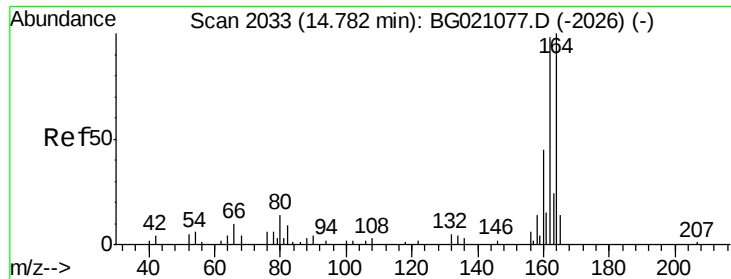
#23
Nitrobenzene-d5
Concen: 115.49 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion: 82 Resp: 58735
Ion Ratio Lower Upper
82 100
128 36.5 36.3 54.5
54 49.6 37.6 56.4



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

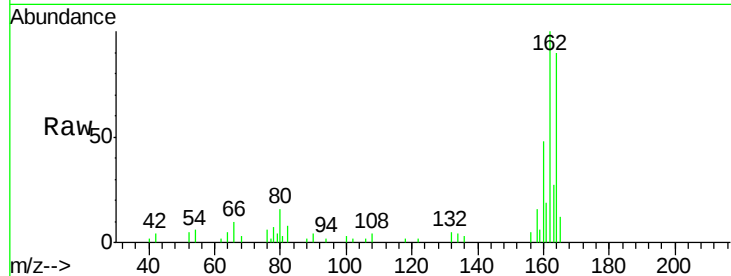




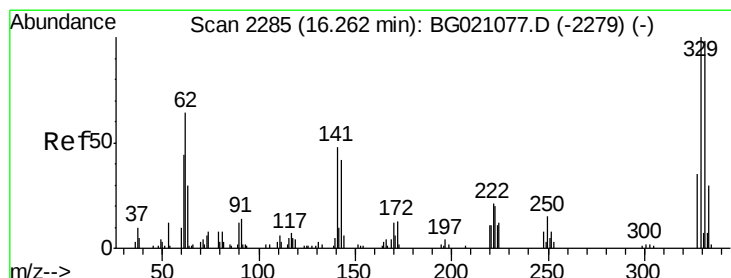
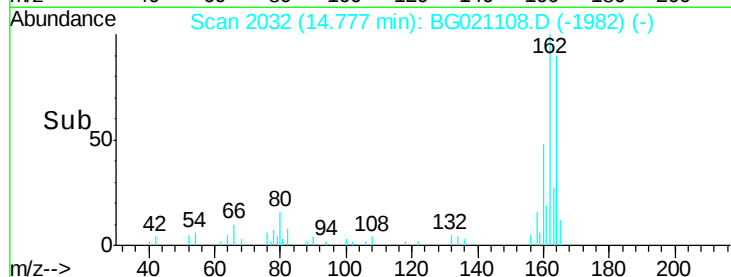
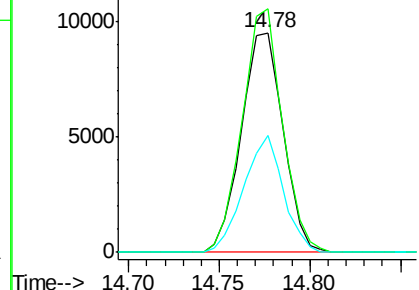
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Instrument :
BNA_G
ClientSampled :
S-20

Tgt Ion:164 Resp: 15259
Ion Ratio Lower Upper
164 100
162 110.7 80.6 120.8
160 53.2 36.5 54.7

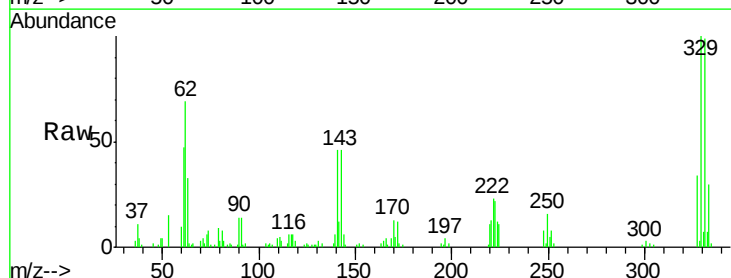


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

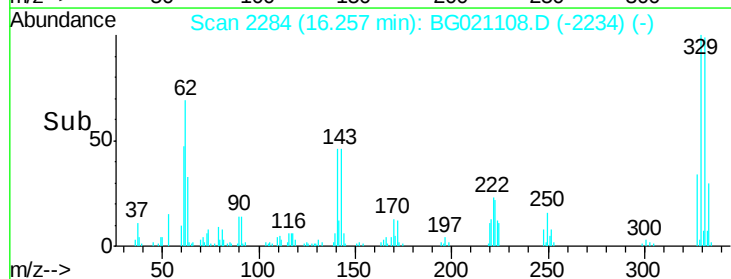
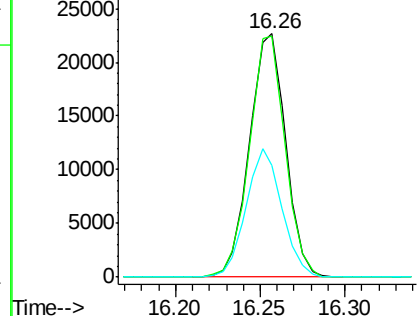


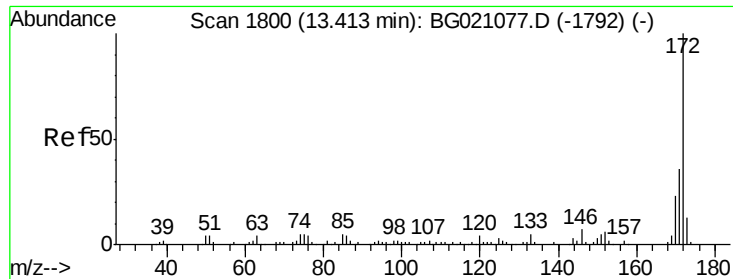
#41
2,4,6-Tribromophenol
Concen: 168.61 ng
RT: 16.26 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:330 Resp: 33733
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 52.0 35.3 52.9



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

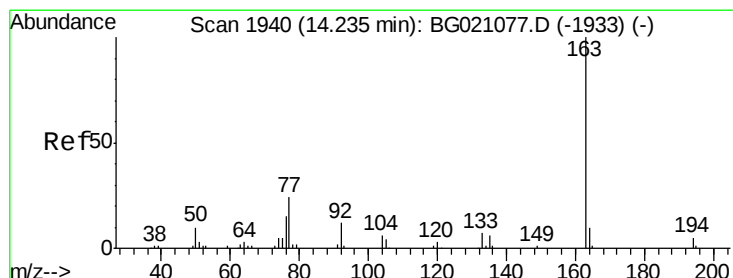
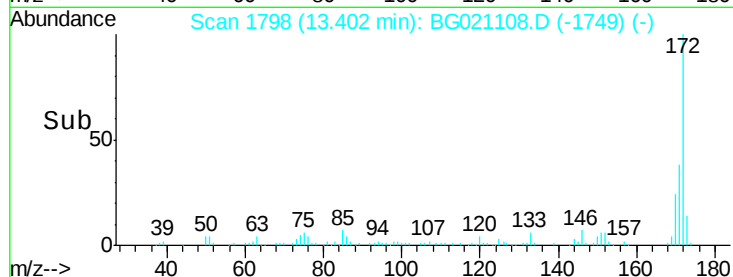
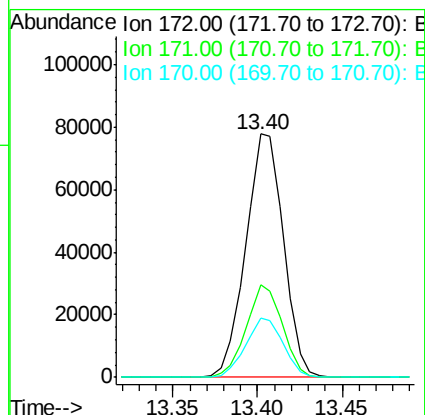
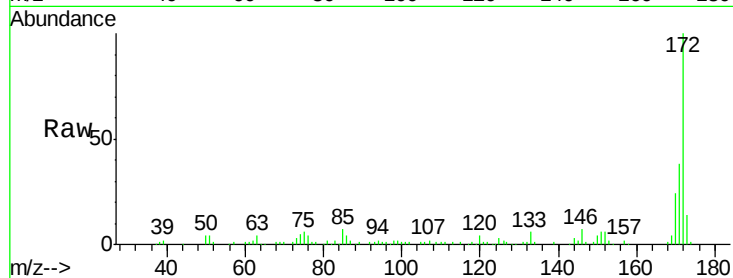




#44
 2-Fluorobiphenyl
 Concen: 101.49 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

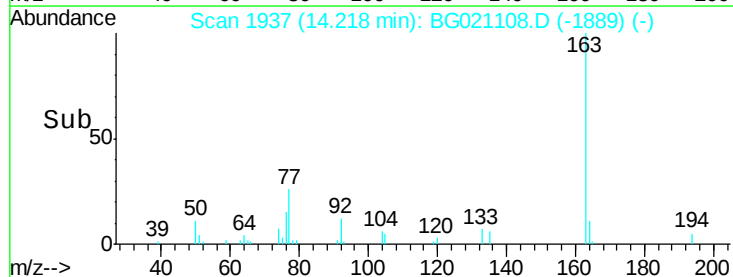
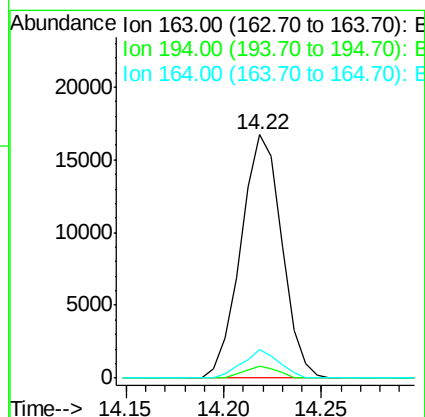
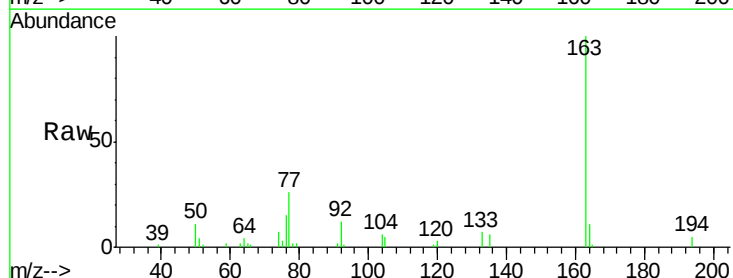
Instrument :
 BNA_G
 ClientSampled :
 S-20

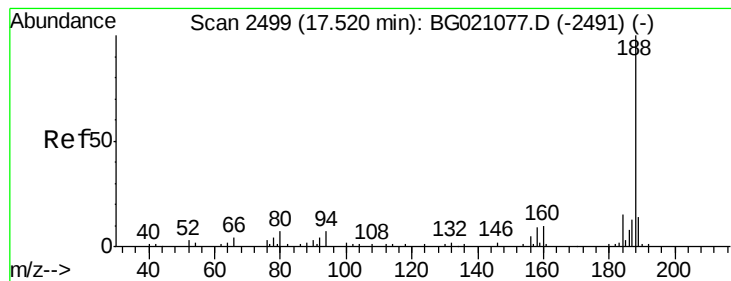
Tgt Ion:172 Resp: 121021
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.4 44.0
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 18.46 ng
 RT: 14.22 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG021108.D
 Acq: 27 Feb 2016 10:32

Tgt Ion:163 Resp: 24281
 Ion Ratio Lower Upper
 163 100
 194 4.7 2.8 4.2#
 164 11.5 7.9 11.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

Instrument :

BNA_G

ClientSampleId :

S-20

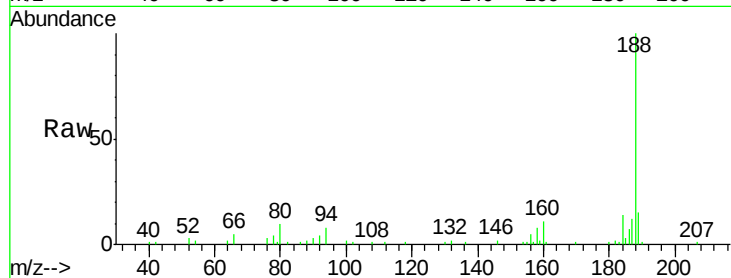
Tgt Ion:188 Resp: 40099

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

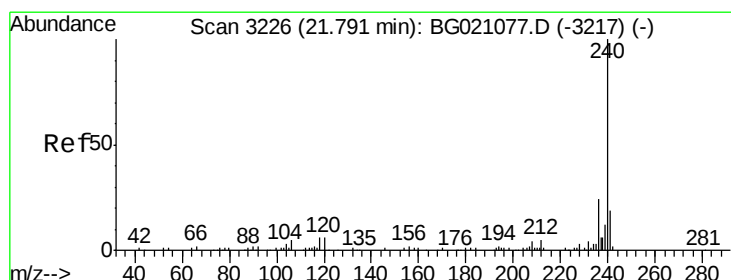
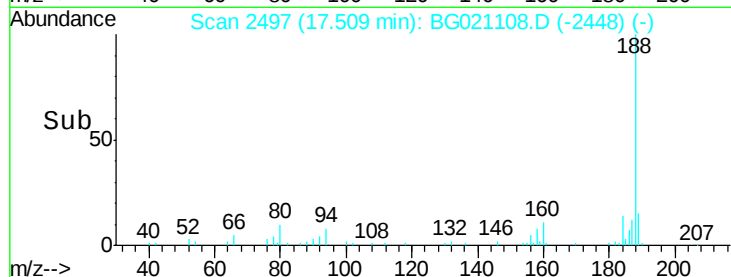
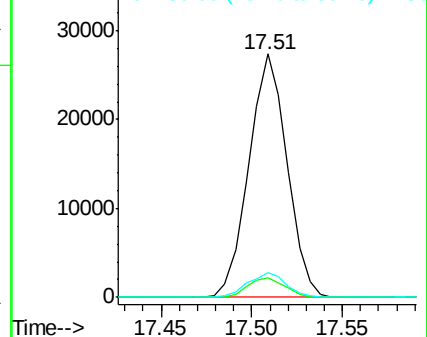
80 10.0 9.2 13.8



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: 21.77 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

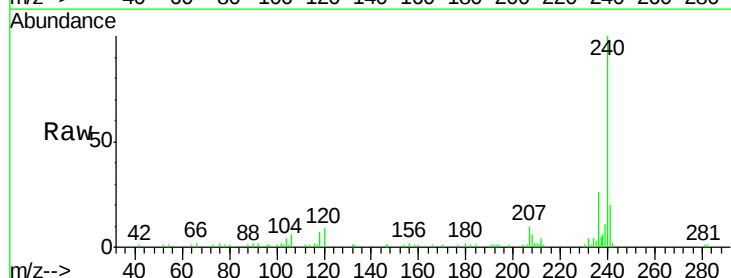
Tgt Ion:240 Resp: 49847

Ion Ratio Lower Upper

240 100

120 9.0 7.5 11.3

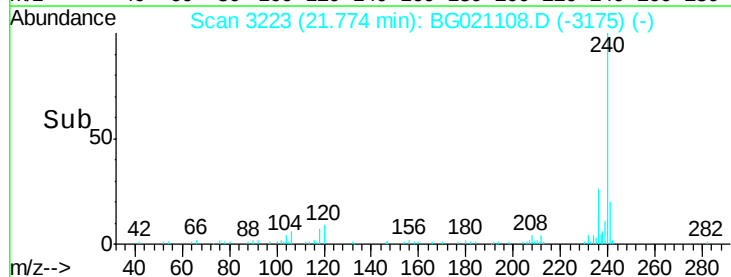
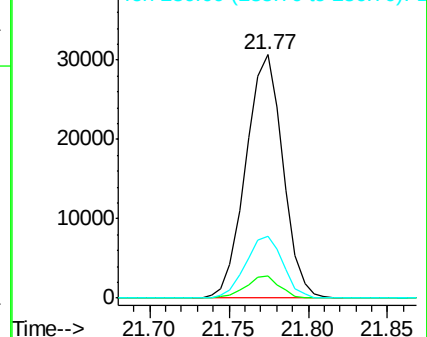
236 25.6 20.5 30.7

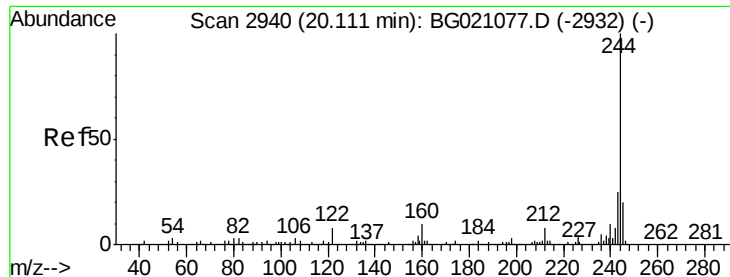


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.76 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

Instrument :

BNA_G

ClientSampled :

S-20

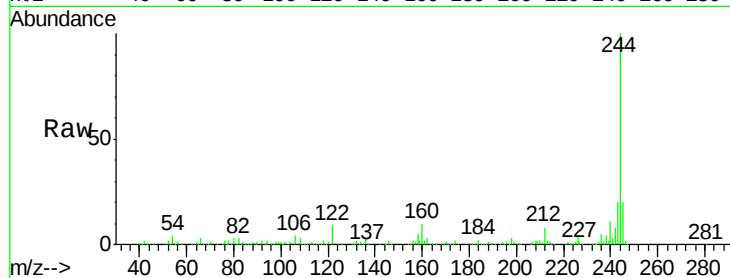
Tgt Ion:244 Resp: 244778

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

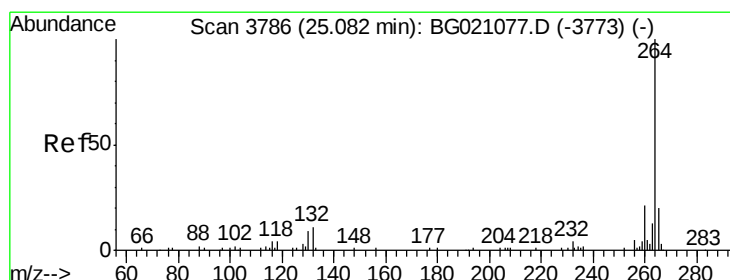
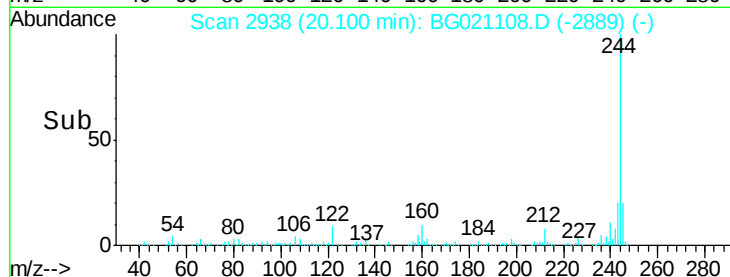
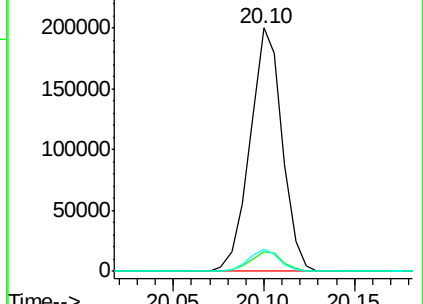
122 9.1 8.3 12.5



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: 25.06 min Scan# 3782

Delta R.T. -0.02 min

Lab File: BG021108.D

Acq: 27 Feb 2016 10:32

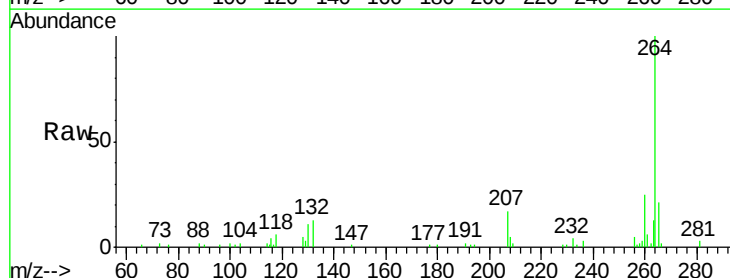
Tgt Ion:264 Resp: 45628

Ion Ratio Lower Upper

264 100

260 25.3 18.5 27.7

265 20.6 18.6 28.0



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

