

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016581.D
 Acq On : 21 Apr 2015 11:05
 Operator : TP/IZ
 Sample : G1845-02DL2 100X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL2

Quant Time: Apr 21 15:47:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

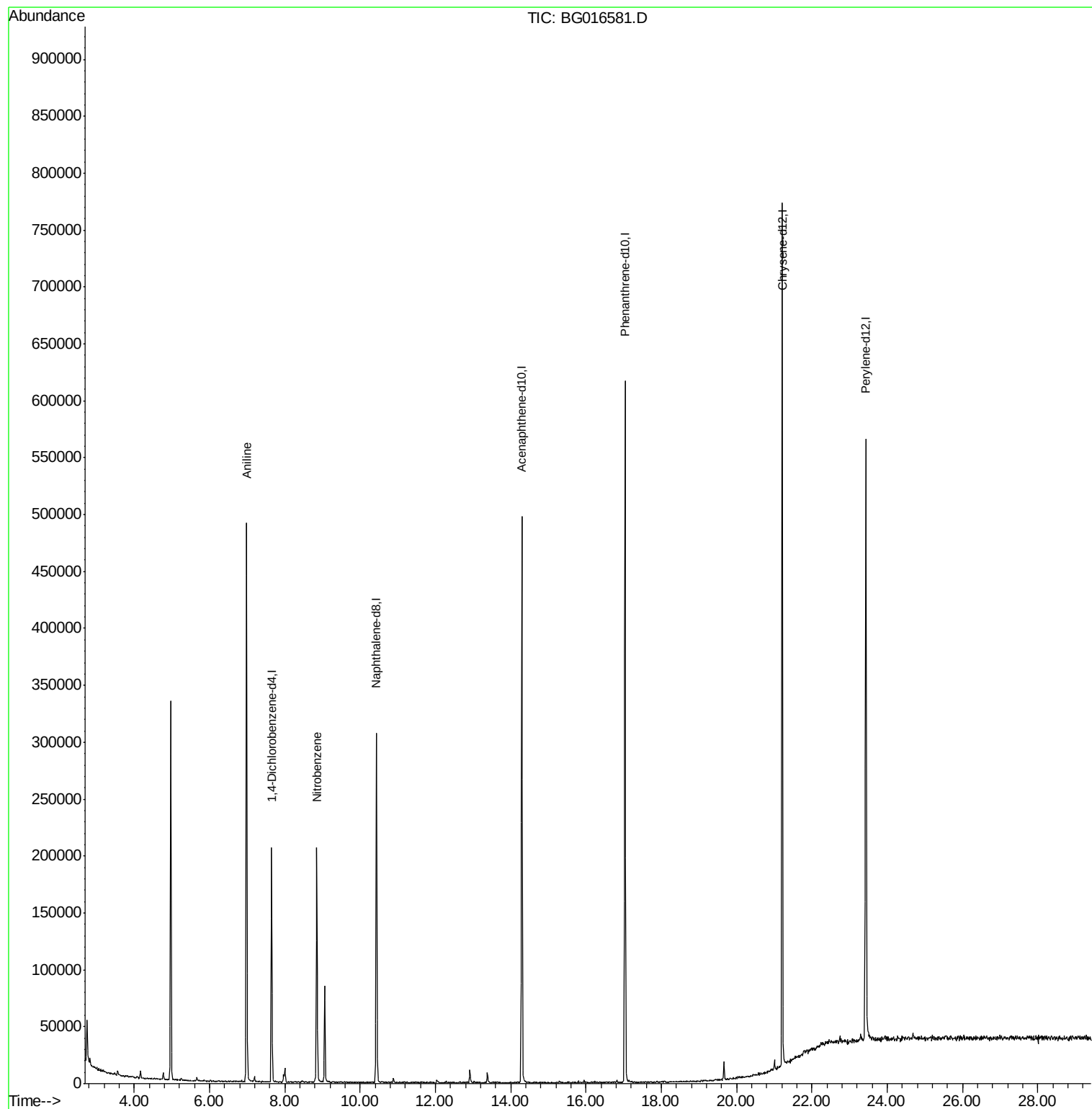
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	59912	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	274712	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	169656	20.00	ng	-0.03
63) Phenanthrene-d10	17.04	188	351229	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	318898	20.00	ng	-0.03
86) Perylene-d12	23.43	264	313688	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1425	0.38	ng	0.00
7) Phenol-d6	6.85	99	1070	0.19	ng	0.00
23) Nitrobenzene-d5	8.80	82	3071	0.65	ng	-0.03
41) 2,4,6-Tribromophenol	15.79	330	597	0.52	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	7691	0.77	ng	-0.02
78) Terphenyl-d14	19.66	244	8169	0.60	ng	-0.03
Target Compounds						
6) Aniline	6.98	93	330714	40.63	ng	96
24) Nitrobenzene	8.85	77	118711	23.41	ng	93

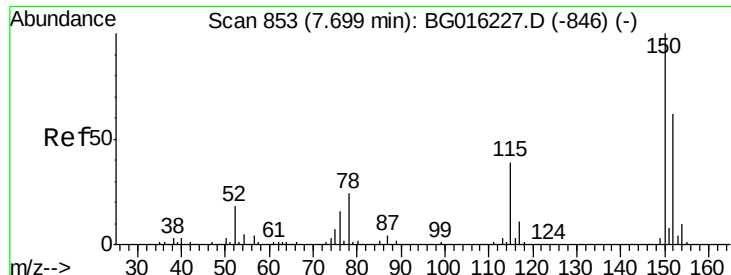
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

Instrument :

BNA_G

ClientSampleId :

EFFWWDL2

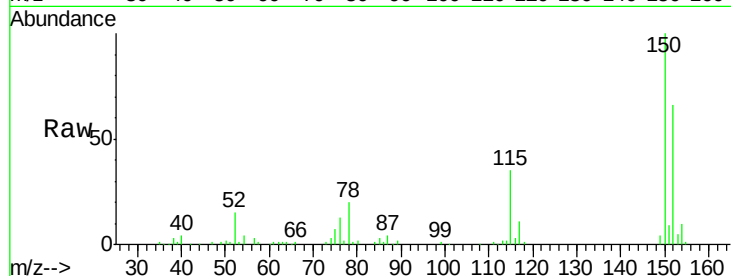
Tot Ion:152 Resp: 59912

Ion Ratio Lower Upper

152 100

150 152.7 130.1 195.1

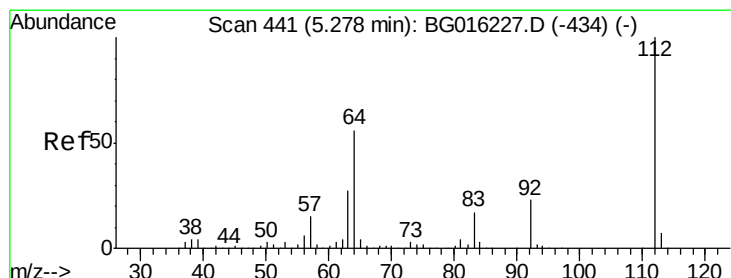
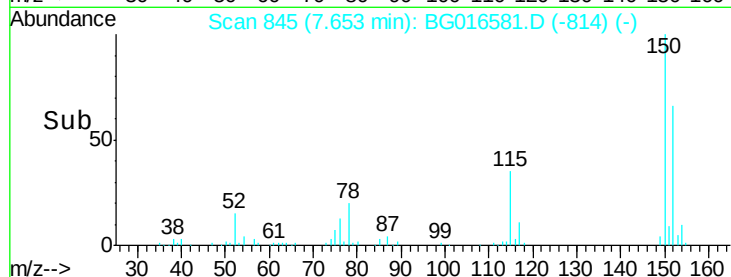
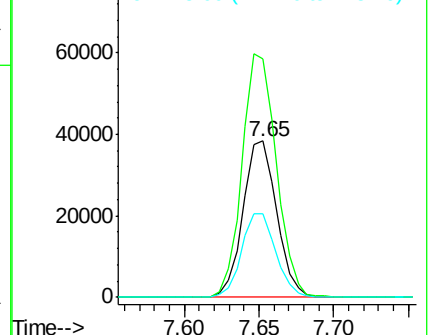
115 53.2 50.5 75.7



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: 0.38 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

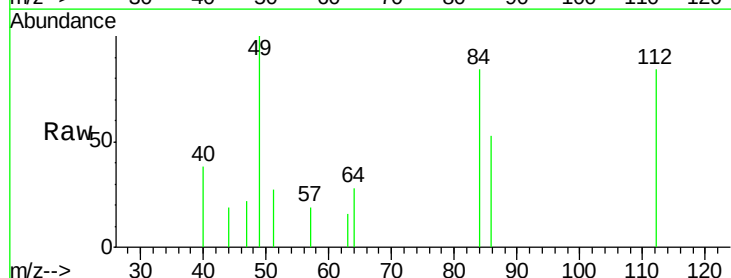
Tgt Ion:112 Resp: 1425

Ion Ratio Lower Upper

112 100

64 32.9 44.5 66.7#

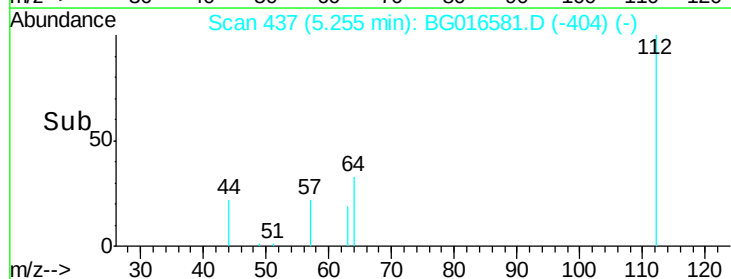
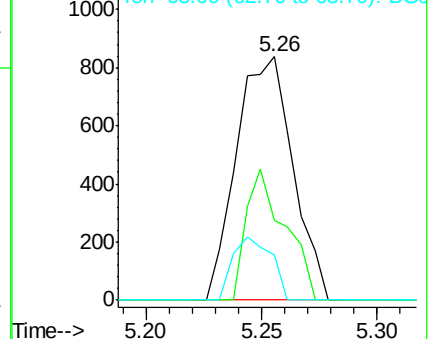
63 18.7 21.4 32.0#

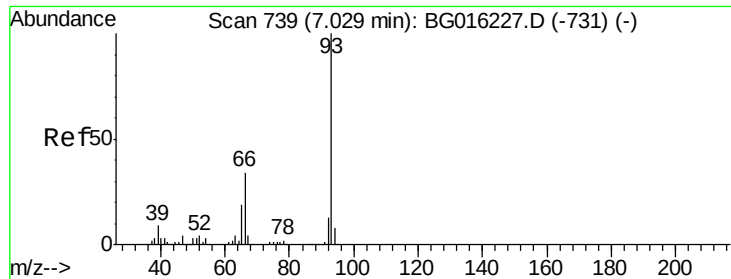


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 40.63 ng

RT: 6.98 min Scan# 731

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

Instrument :

BNA_G

ClientSampleId :

EFFWWDL2

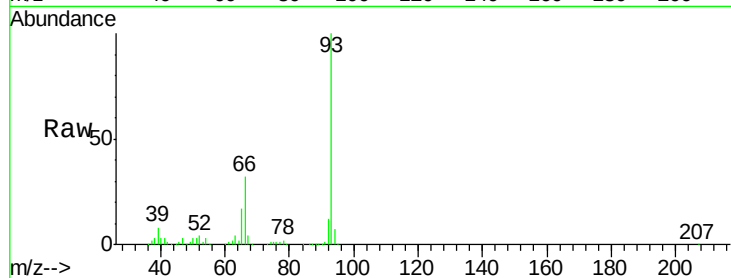
Tot Ion: 93 Resp: 330714

Ion Ratio Lower Upper

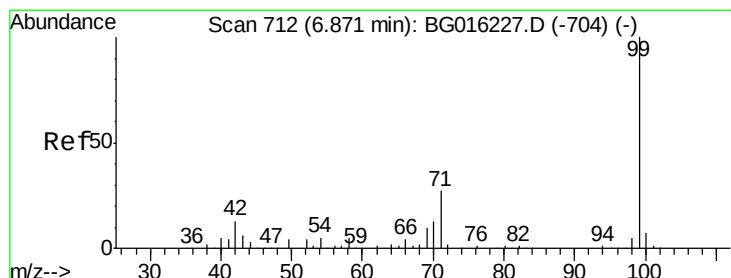
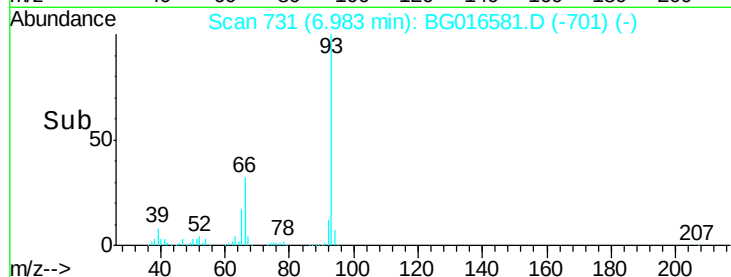
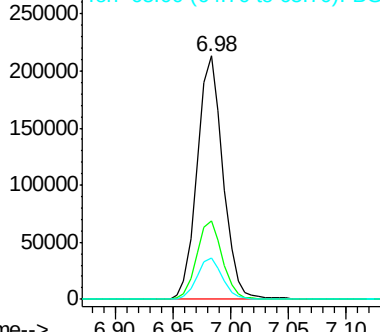
93 100

66 32.3 27.5 41.3

65 17.1 15.1 22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 0.19 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

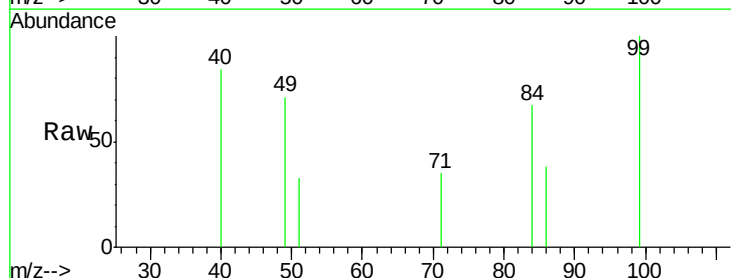
Tgt Ion: 99 Resp: 1070

Ion Ratio Lower Upper

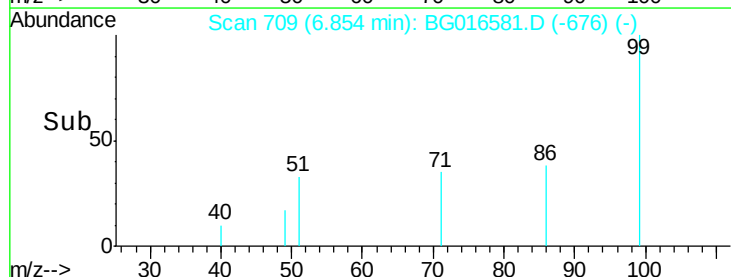
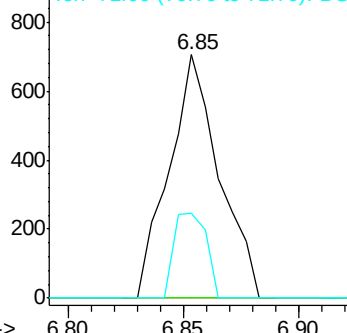
99 100

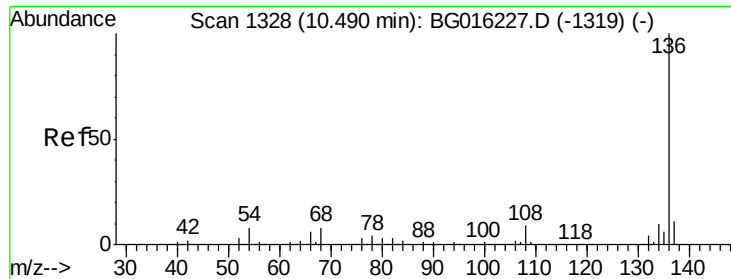
42 0.0 10.0 15.0#

71 35.0 21.5 32.3#



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

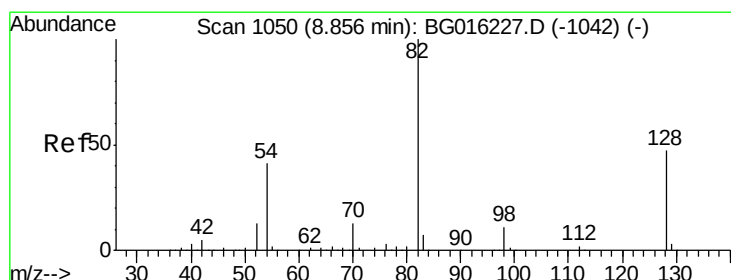
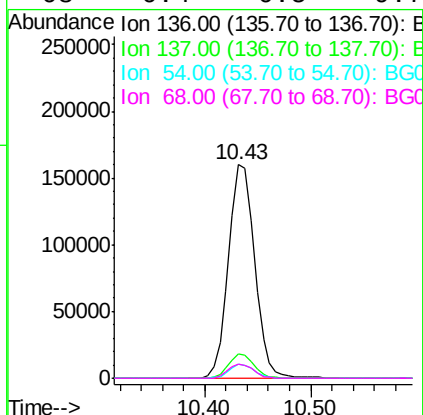
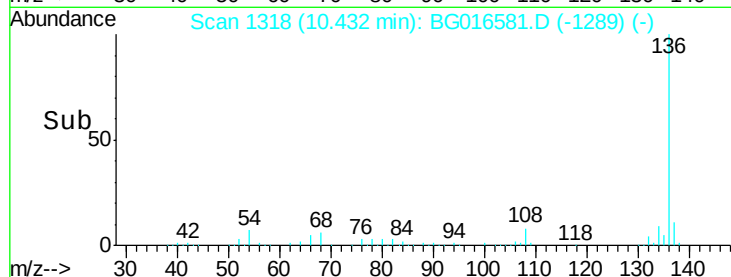
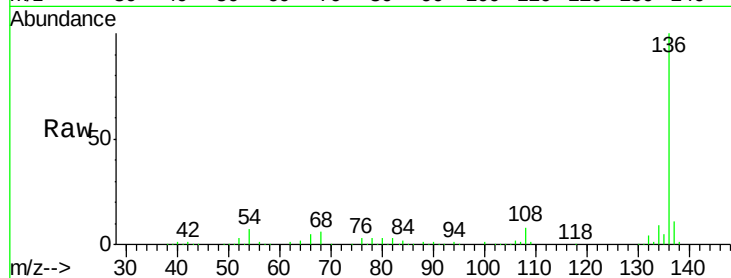




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

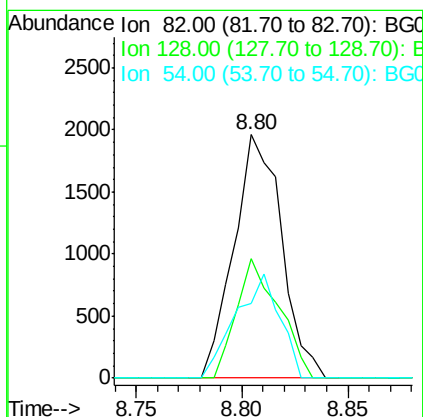
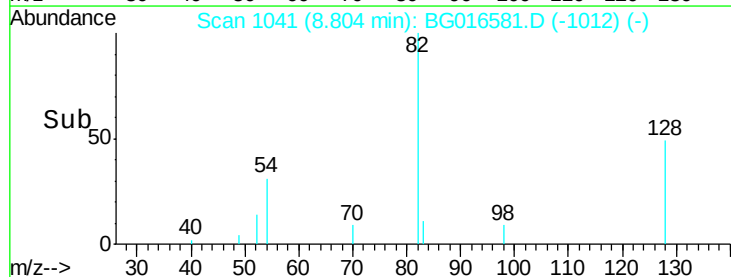
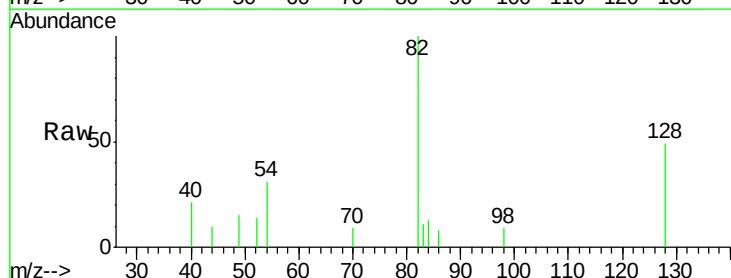
Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

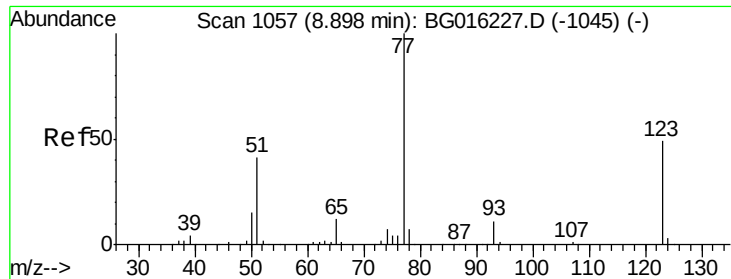
Tot Ion:136	Resp:	274712
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	6.7	6.3 9.5
68	6.4	6.5 9.7#



#23
Nitrobenzene-d5
Concen: 0.65 ng
RT: 8.80 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion: 82	Resp:	3071
Ion Ratio	Lower	Upper
82	100	
128	48.9	37.8 56.8
54	30.9	32.6 49.0#





#24

Nitrobenzene

Concen: 23.41 ng

RT: 8.85 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

Instrument :

BNA_G

ClientSampleId :

EFFWWDL2

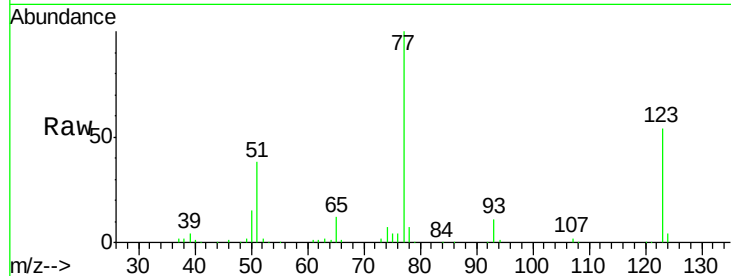
Tot Ion: 77 Resp: 118711

Ion Ratio Lower Upper

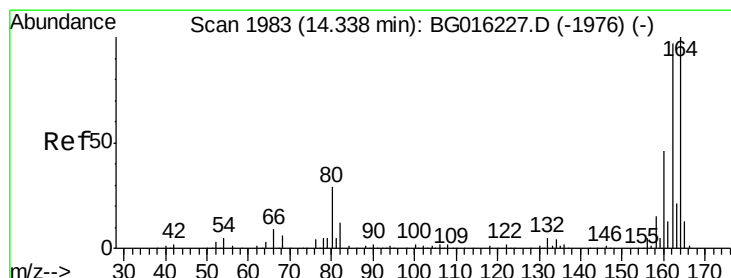
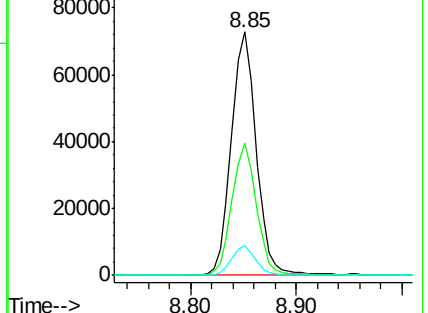
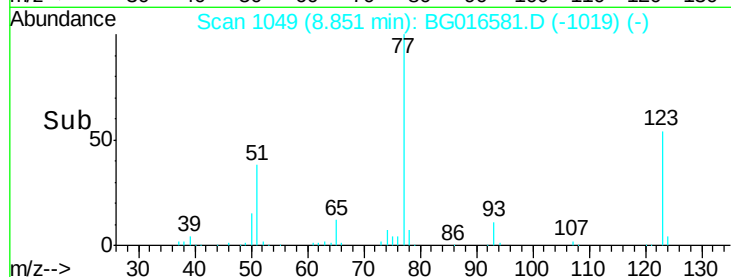
77 100

123 54.3 38.8 58.2

65 12.3 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1975

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

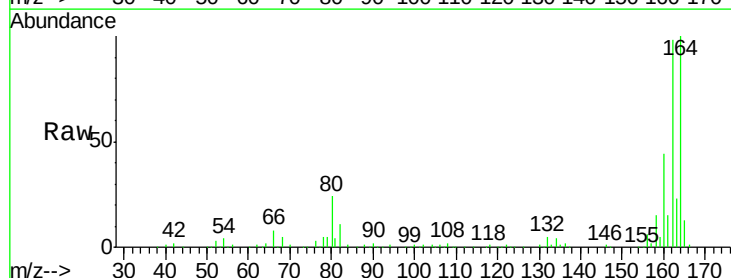
Tgt Ion: 164 Resp: 169656

Ion Ratio Lower Upper

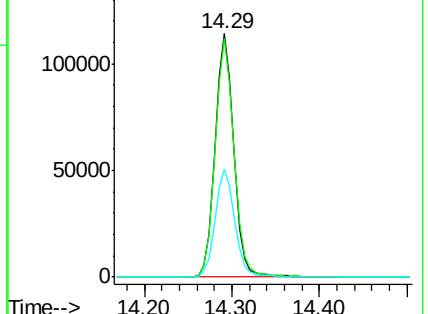
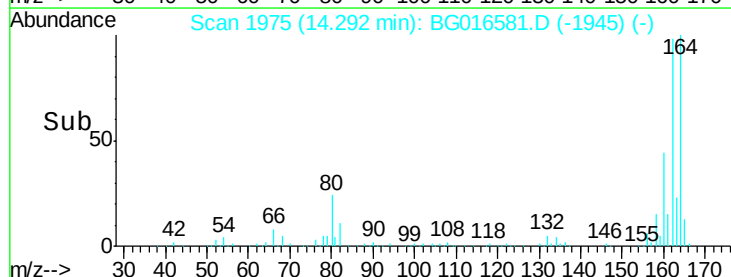
164 100

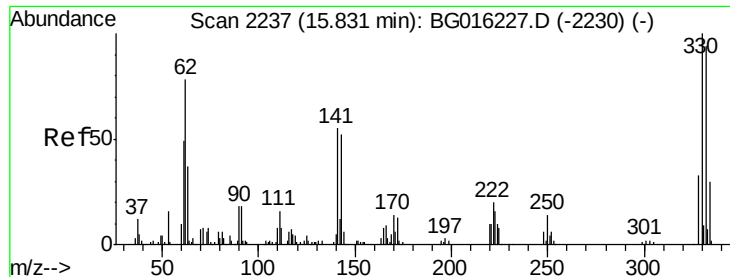
162 98.1 77.3 115.9

160 44.1 36.7 55.1



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

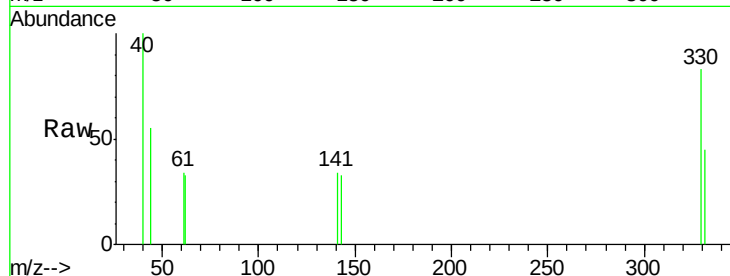




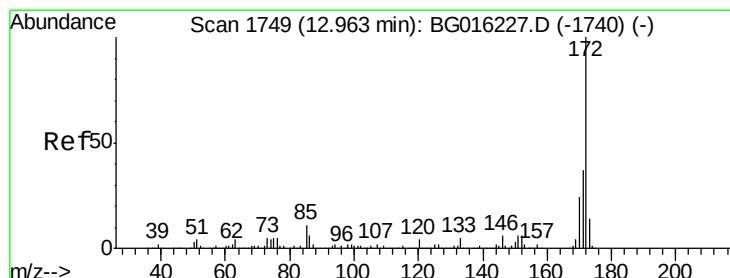
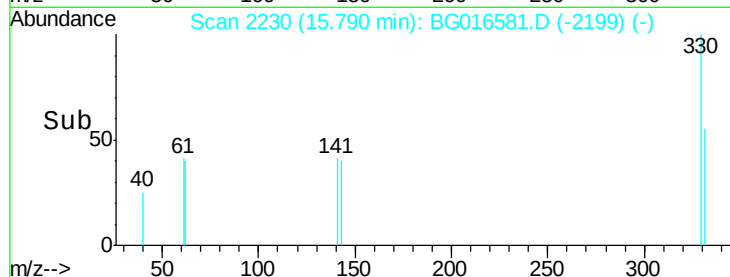
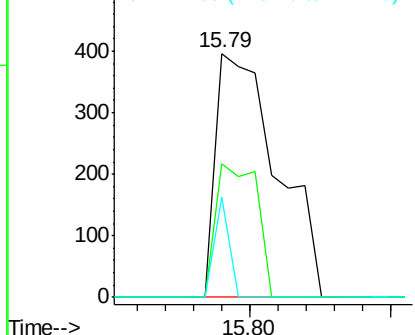
#41
 2,4,6-Tribromophenol
 Concen: 0.52 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.02 min
 Lab File: BG016581.D
 Acq: 21 Apr 2015 11:05

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL2

Tot Ion:330 Resp: 597
 Ion Ratio Lower Upper
 330 100
 332 36.5 75.8 113.6#
 141 9.5 46.6 69.8#

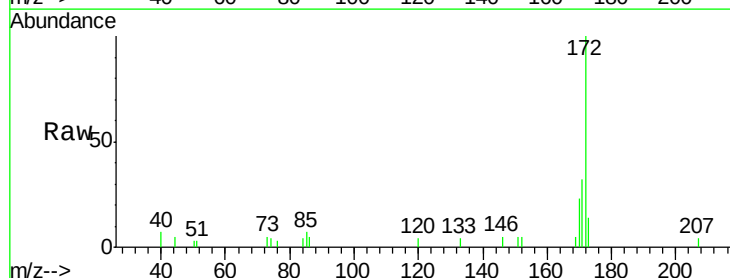


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

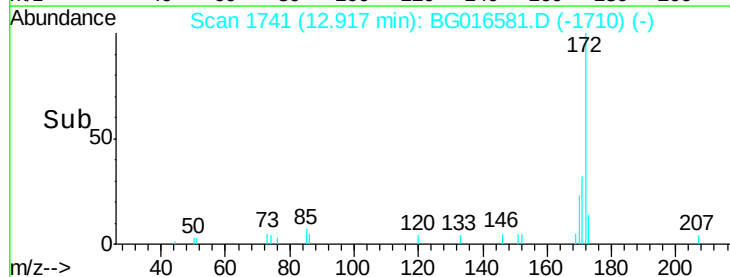
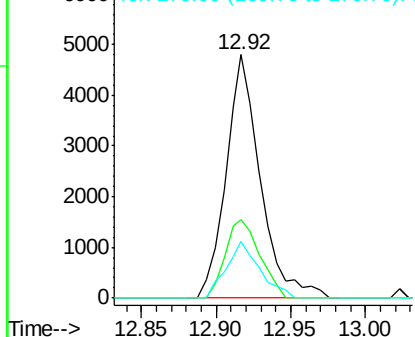


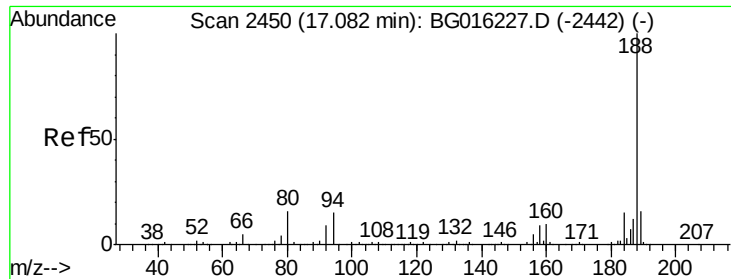
#44
 2-Fluorobiphenyl
 Concen: 0.77 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG016581.D
 Acq: 21 Apr 2015 11:05

Tgt Ion:172 Resp: 7691
 Ion Ratio Lower Upper
 172 100
 171 32.1 29.6 44.4
 170 23.1 19.4 29.2



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: 17.04 min Scan# 2442

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

Instrument :

BNA_G

ClientSampleId :

EFFWWDL2

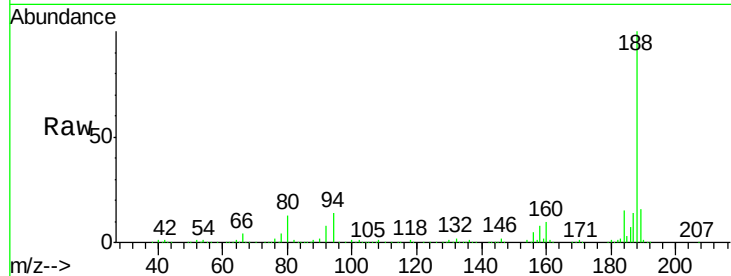
Tot Ion:188 Resp: 351229

Ion Ratio Lower Upper

188 100

94 14.1 12.2 18.4

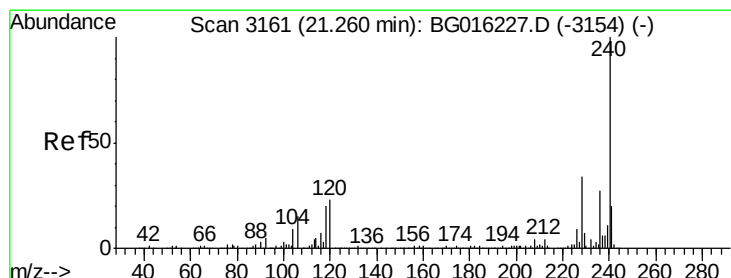
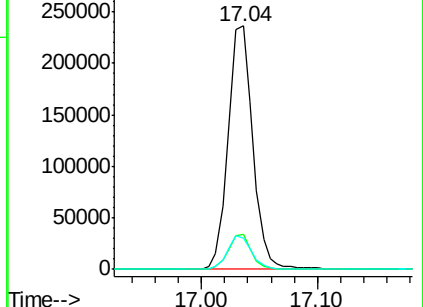
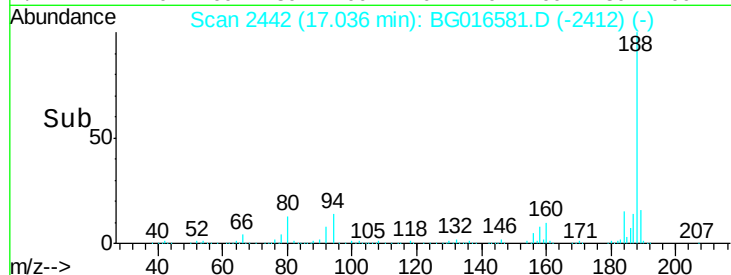
80 12.9 12.8 19.2



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: 21.21 min Scan# 3153

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

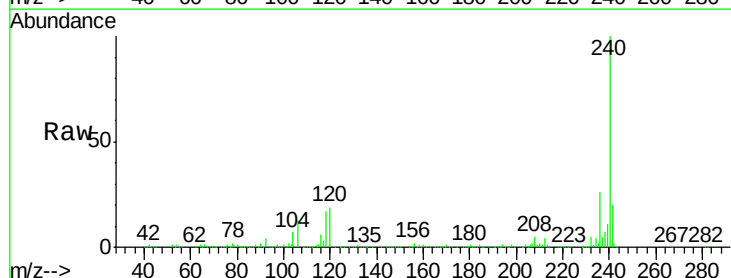
Tgt Ion:240 Resp: 318898

Ion Ratio Lower Upper

240 100

120 19.3 18.6 28.0

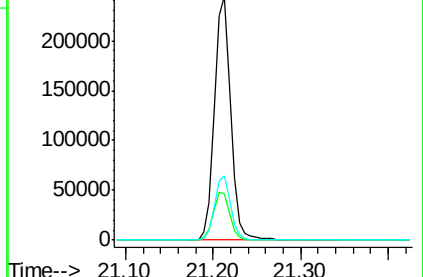
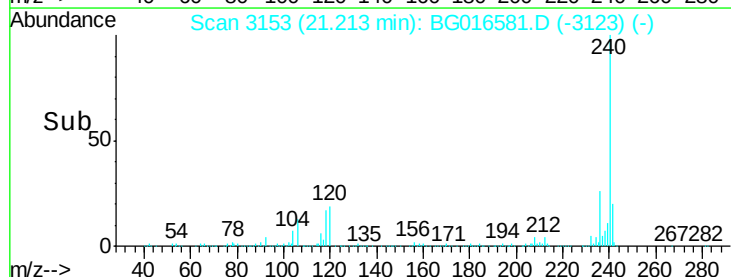
236 26.3 21.7 32.5

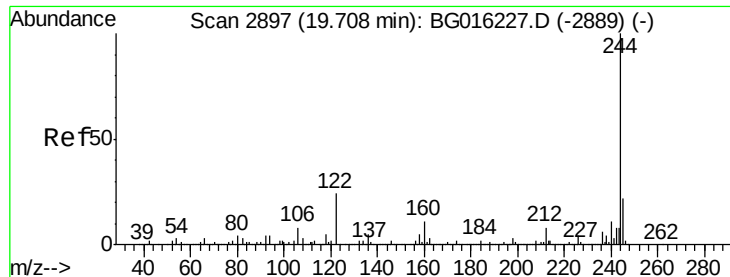


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.60 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

Instrument :

BNA_G

ClientSampleId :

EFFWWDL2

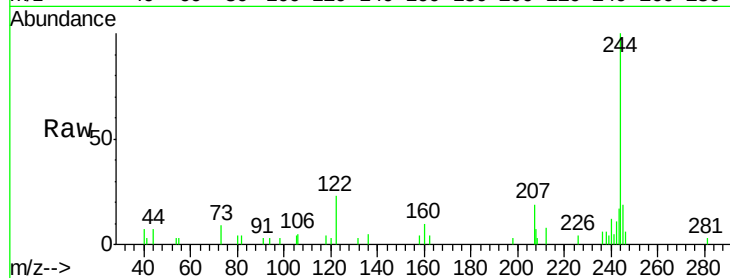
Tot Ion:244 Resp: 8169

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

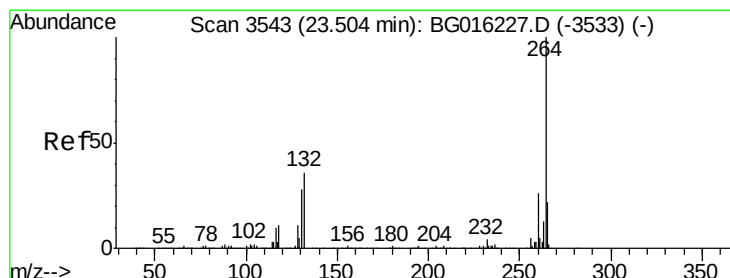
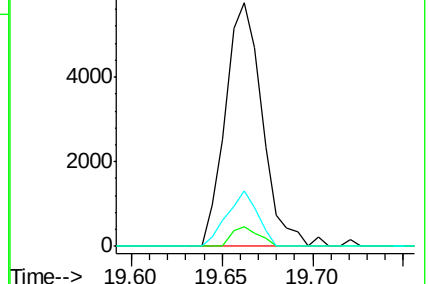
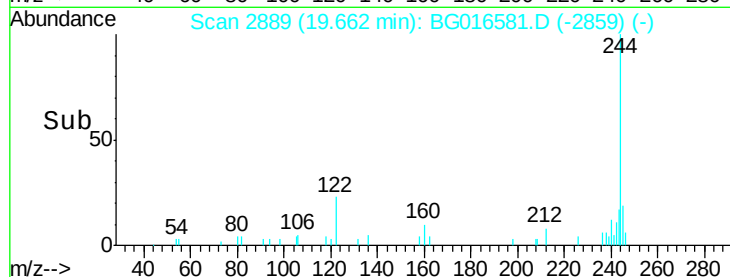
122 22.8 19.1 28.7



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: 23.43 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BG016581.D

Acq: 21 Apr 2015 11:05

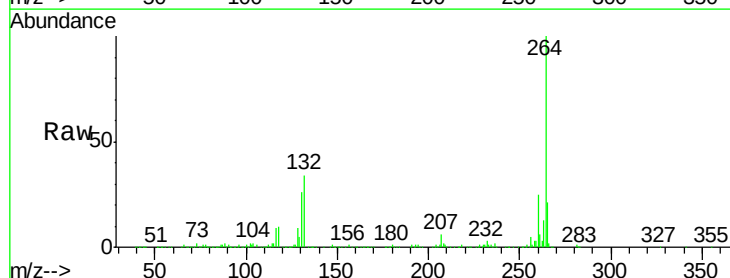
Tgt Ion:264 Resp: 313688

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 21.4 17.2 25.8



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

