

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
 Data File : BG020066.D
 Acq On : 10 Dec 2015 6:51
 Operator : UM/SJ
 Sample : G4683-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S13-15

Quant Time: Dec 10 07:44:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

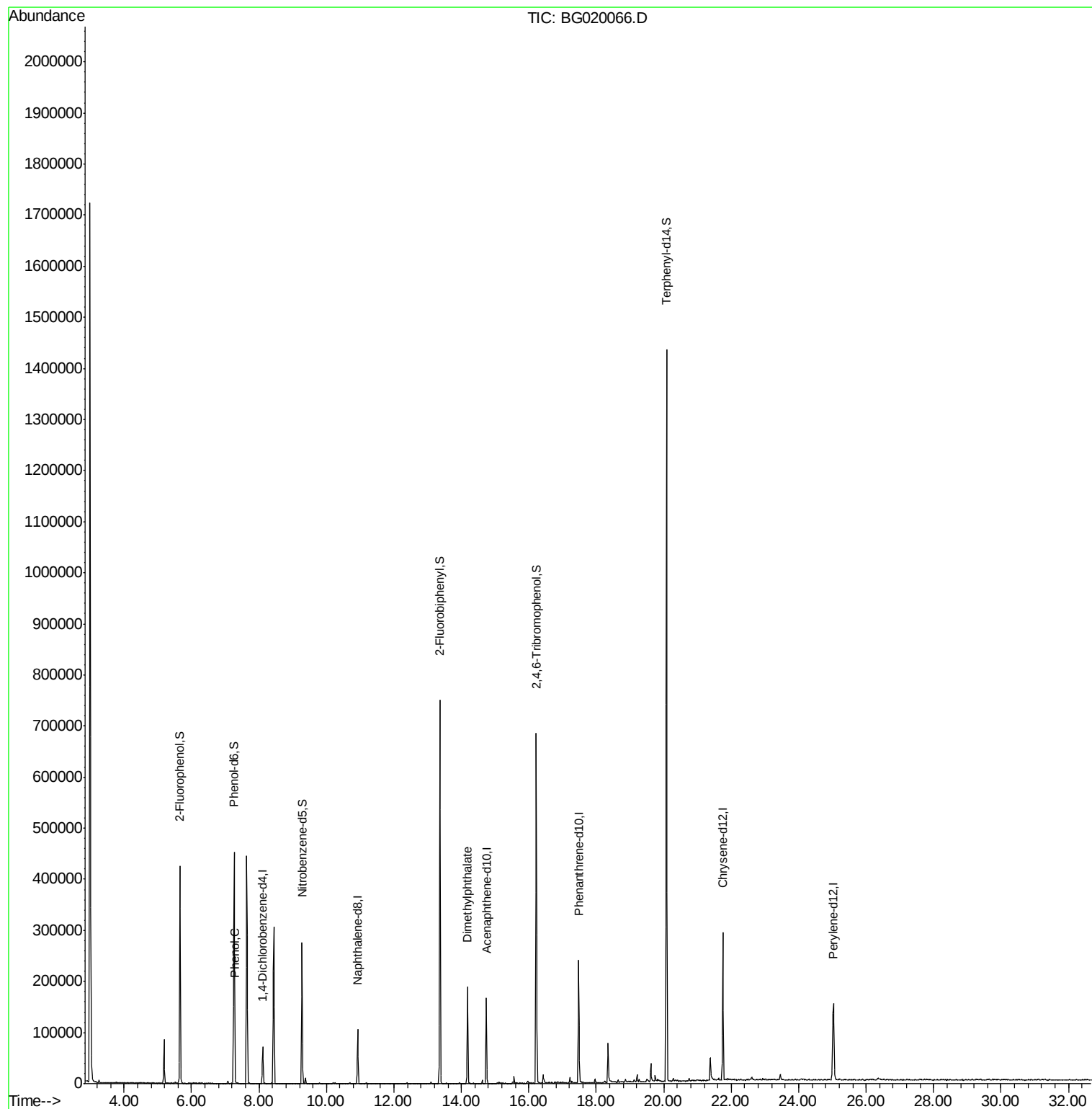
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20453	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	89140	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	60342	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	147513	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	178881	20.00	ng	-0.04
86) Perylene-d12	25.03	264	168565	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	177213	156.60	ng	-0.01
7) Phenol-d6	7.26	99	259853	152.08	ng	-0.01
23) Nitrobenzene-d5	9.28	82	170403	97.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	127962	138.60	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	397086	89.85	ng	-0.02
78) Terphenyl-d14	20.08	244	641373	87.46	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	3773	2.10	ng	Qvalue # 58
49) Dimethylphthalate	14.18	163	122279	22.53	ng	99

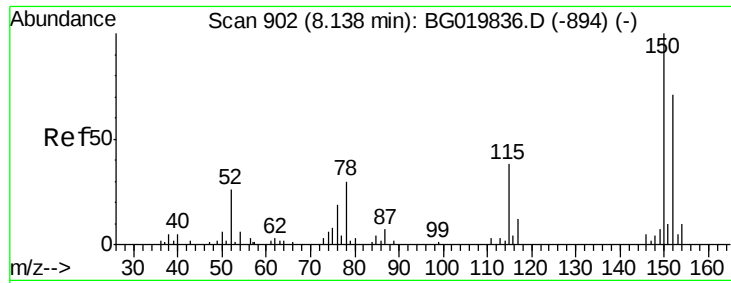
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

Instrument :

BNA_M

ClientSampled :

S13-15

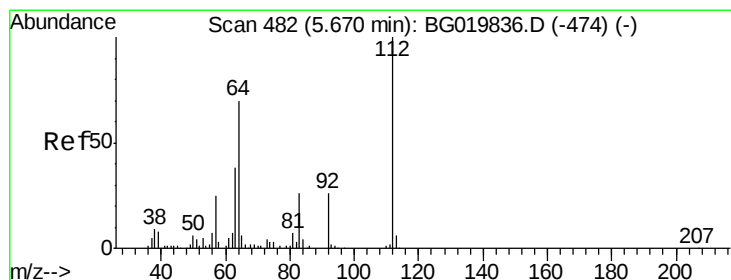
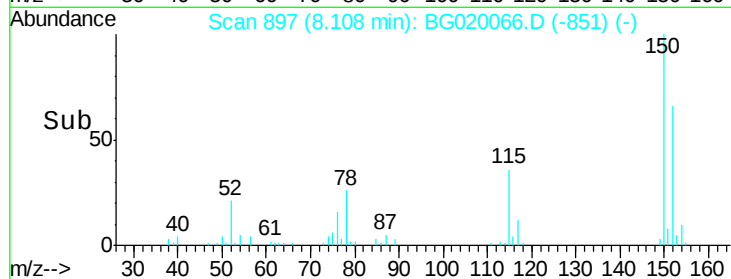
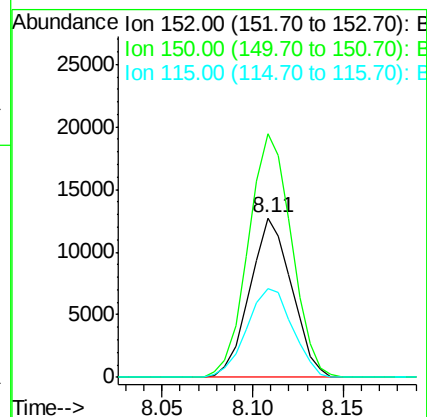
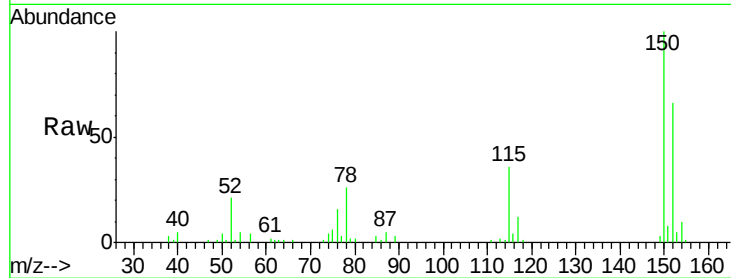
Tgt Ion:152 Resp: 20453

Ion Ratio Lower Upper

152 100

150 152.5 115.0 172.4

115 55.3 43.9 65.9



#5

2-Fluorophenol

Concen: 156.60 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

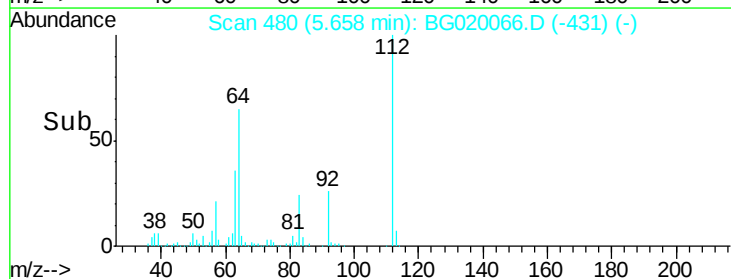
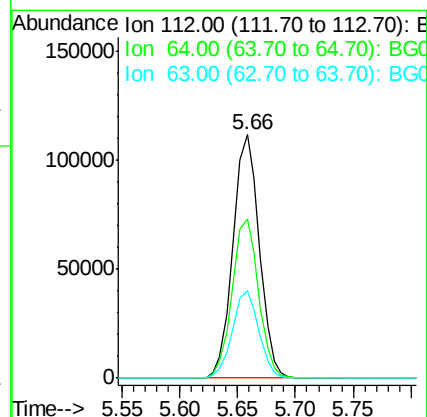
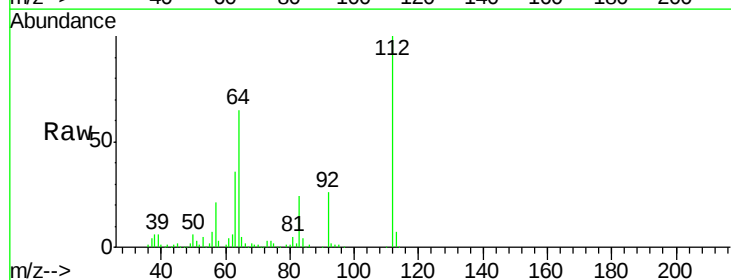
Tgt Ion:112 Resp: 177213

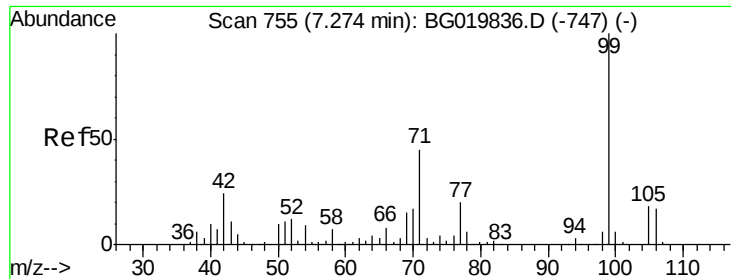
Ion Ratio Lower Upper

112 100

64 65.4 43.7 65.5

63 35.9 24.0 36.0





#7

Phenol-d6

Concen: 152.08 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

Instrument :

BNA_M

ClientSampleId :

S13-15

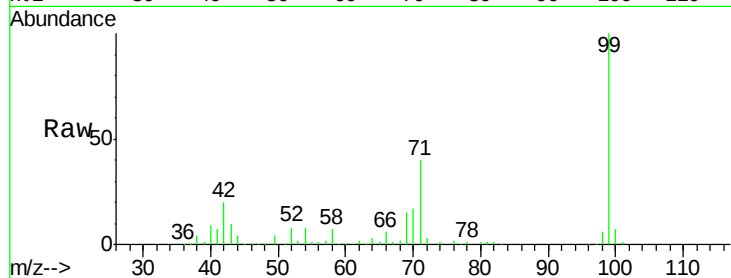
Tgt Ion: 99 Resp: 259853

Ion Ratio Lower Upper

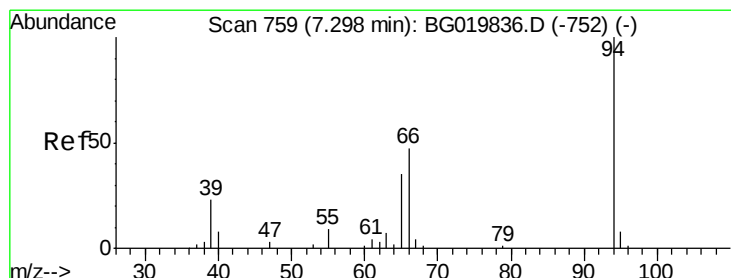
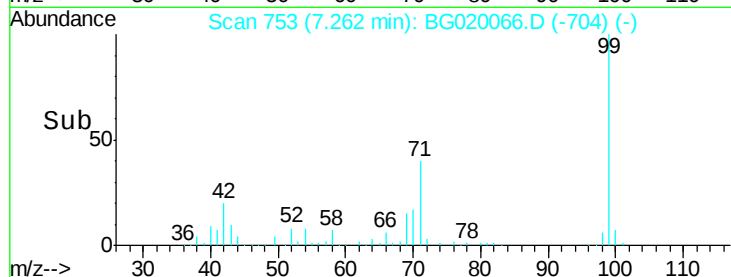
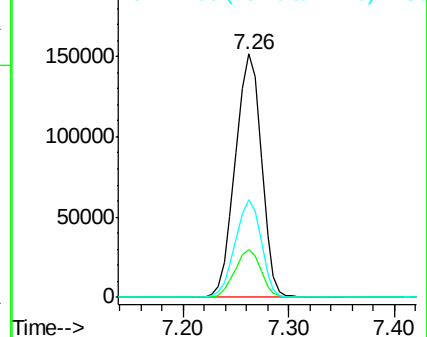
99 100

42 19.7 11.5 17.3#

71 40.3 22.6 34.0#



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



#10

Phenol

Concen: 2.10 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

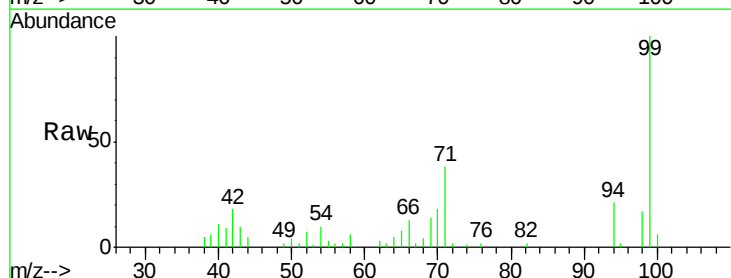
Tgt Ion: 94 Resp: 3773

Ion Ratio Lower Upper

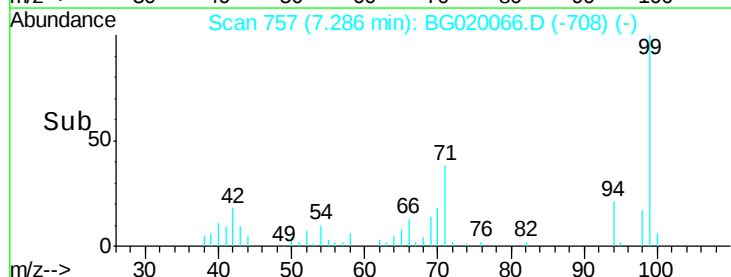
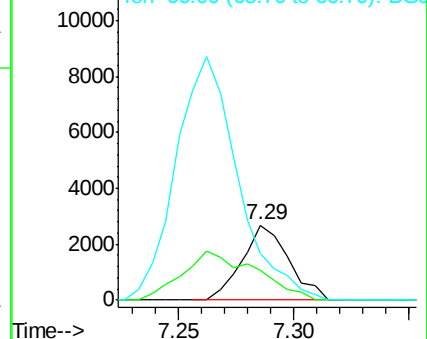
94 100

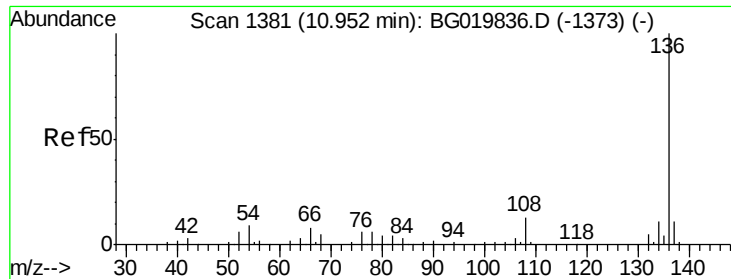
65 39.5 5.4 45.4

66 61.8 11.8 51.8#



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

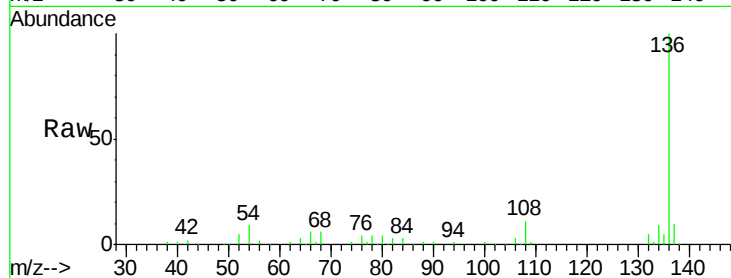




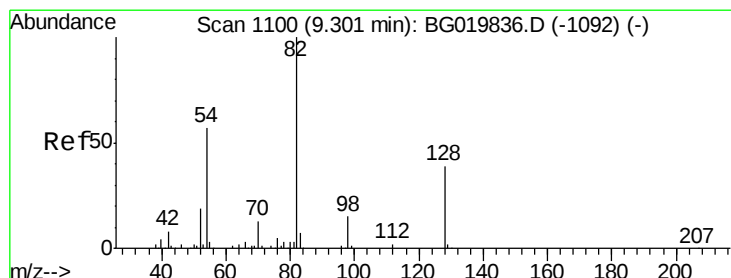
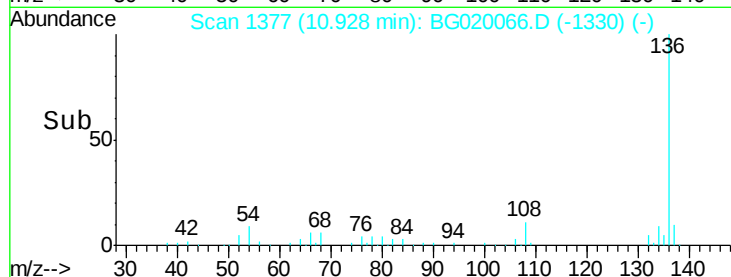
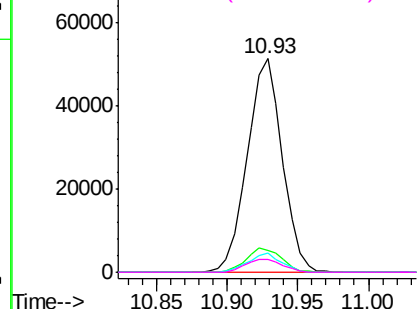
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

Instrument :
BNA_M
ClientSampleId :
S13-15

Tgt Ion:	136	Resp:	89140
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	12.8
54	8.8	5.4	8.2#
68	5.8	5.3	7.9

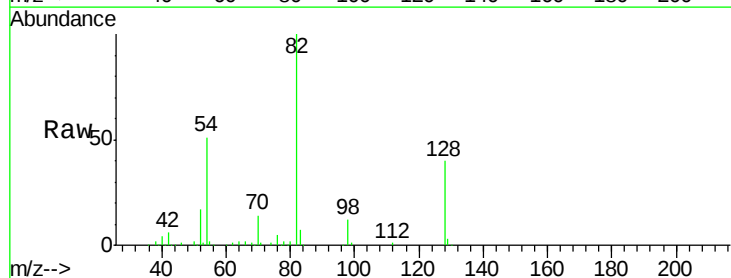


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

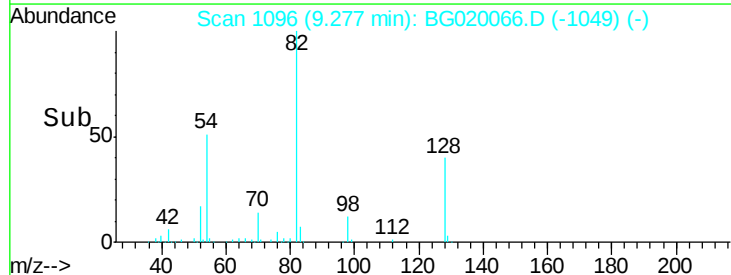
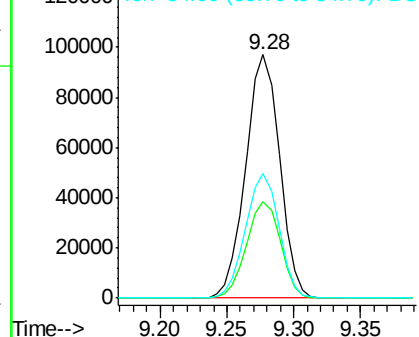


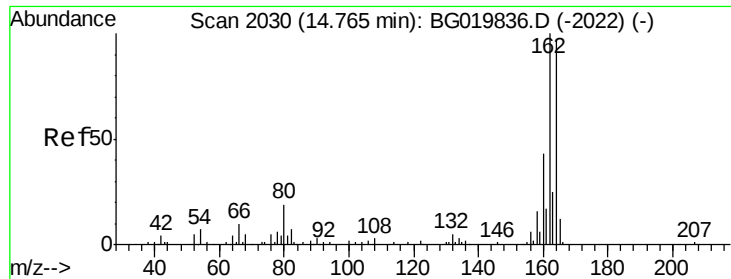
#23
Nitrobenzene-d5
Concen: 97.56 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

Tgt Ion:	82	Resp:	170403
Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.7	55.1
54	51.3	33.8	50.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

Instrument :

BNA_M

ClientSampleId :

S13-15

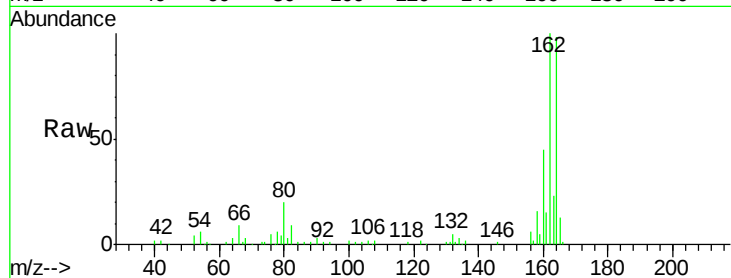
Tgt Ion:164 Resp: 60342

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

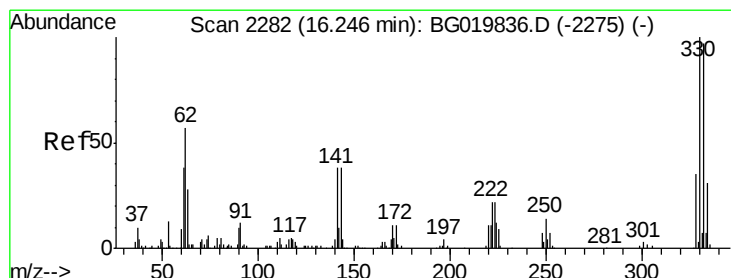
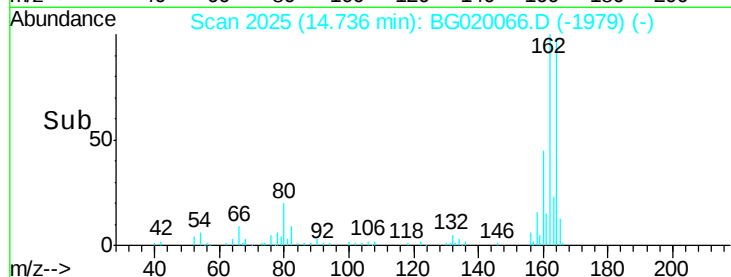
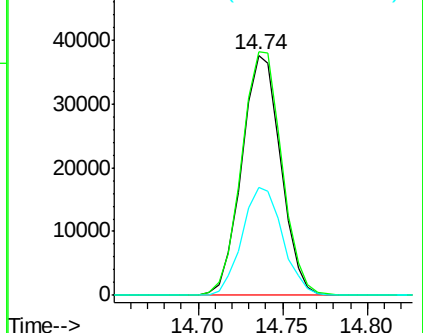
160 45.2 36.4 54.6



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: 138.60 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

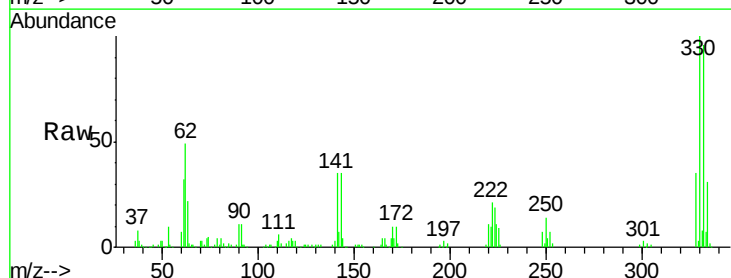
Tgt Ion:330 Resp: 127962

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

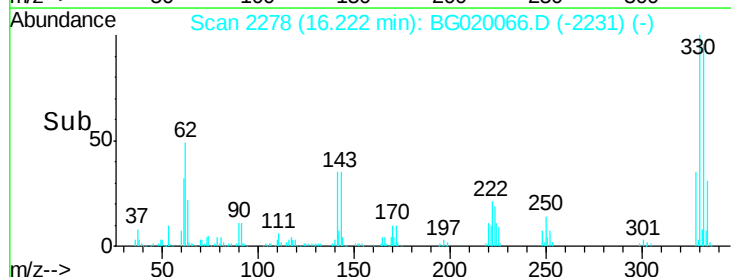
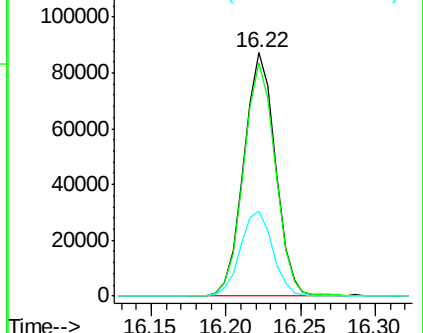
141 35.8 28.2 42.2

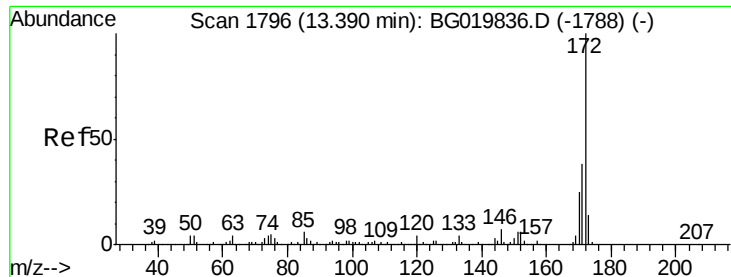


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

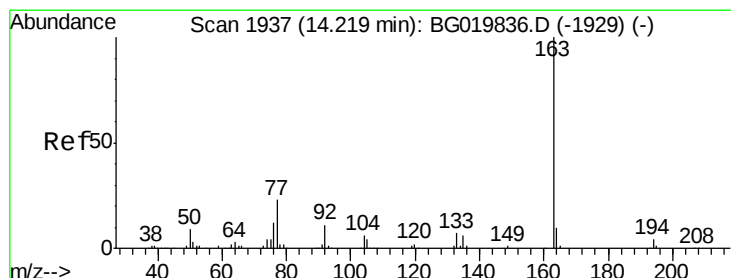
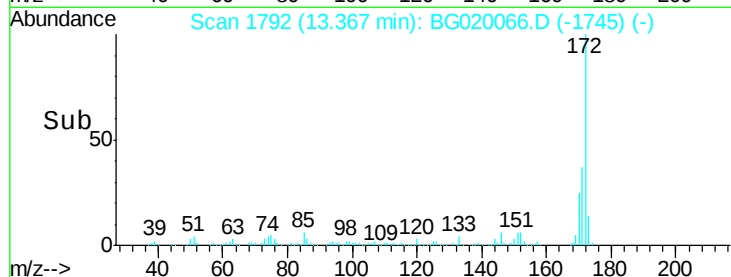
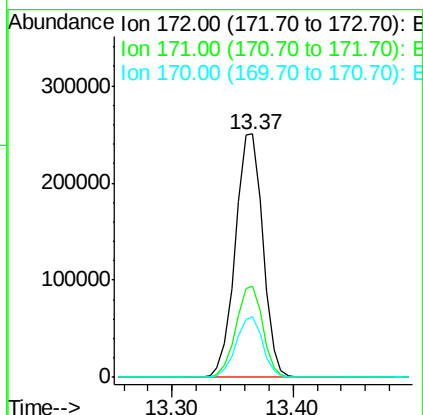
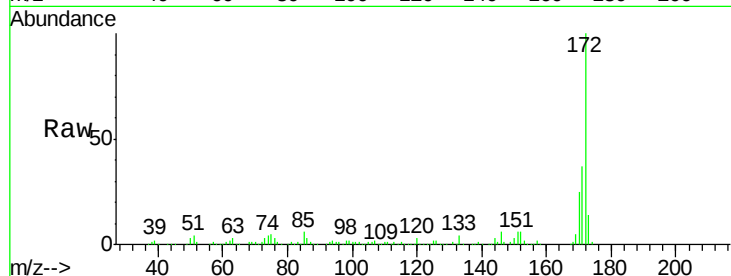




#44
2-Fluorobiphenyl
Concen: 89.85 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

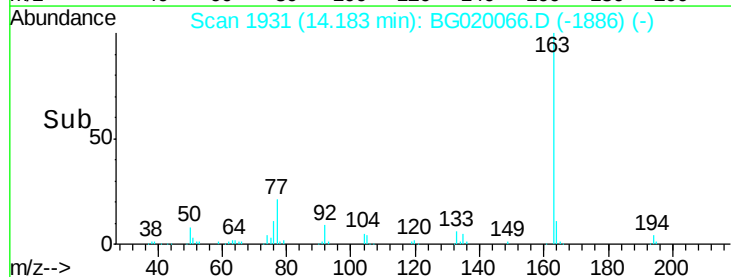
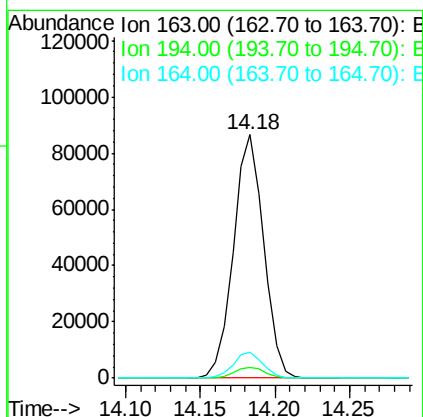
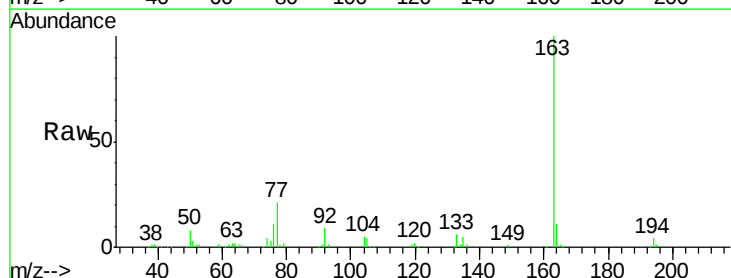
Instrument :
BNA_M
ClientSampleId :
S13-15

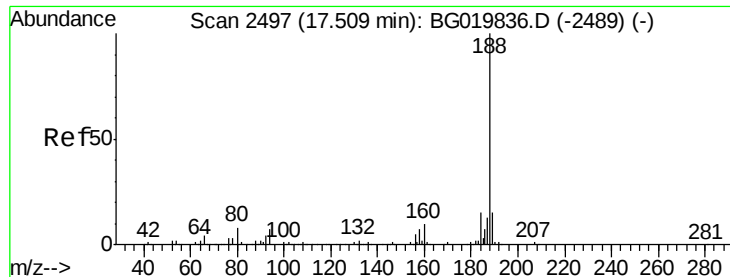
Tgt Ion:172 Resp: 397086
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 24.8 19.9 29.9



#49
Dimethylphthalate
Concen: 22.53 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

Tgt Ion:163 Resp: 122279
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.7 8.8 13.2

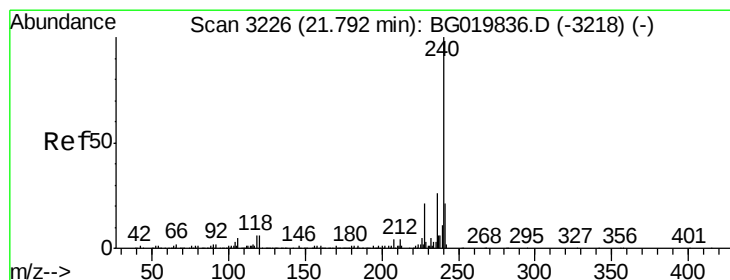
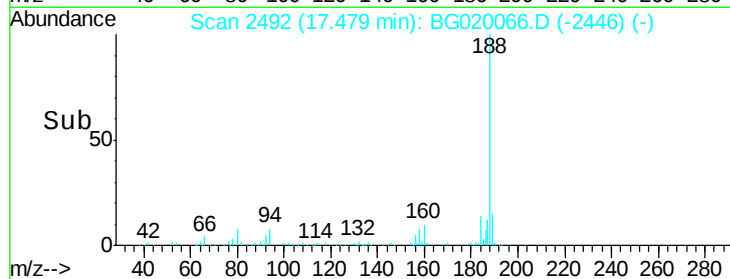
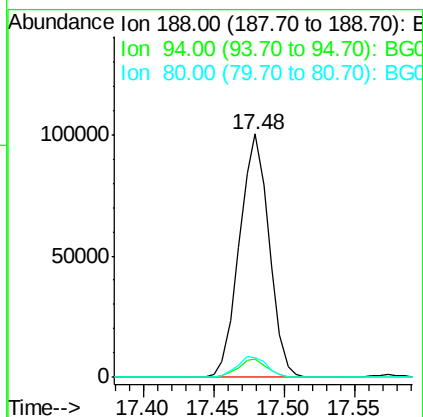
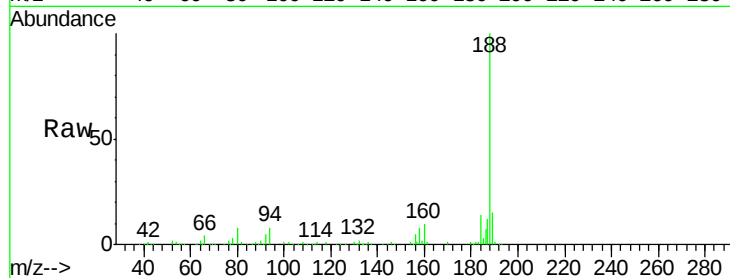




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

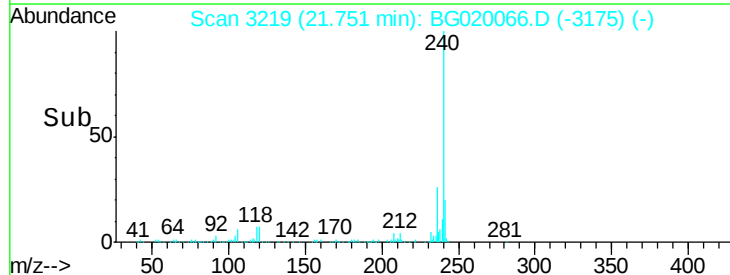
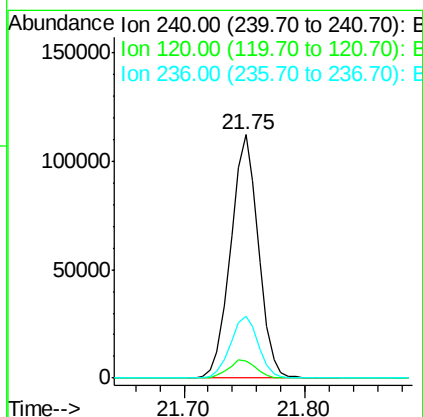
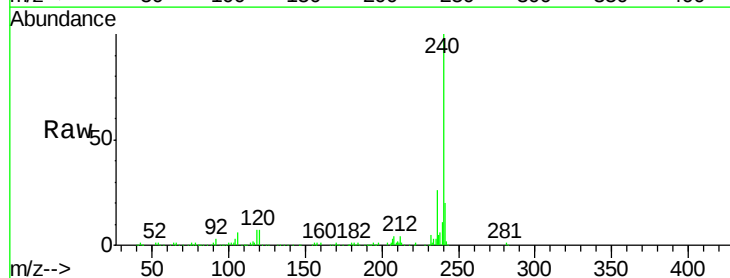
Instrument :
BNA_M
ClientSampleId :
S13-15

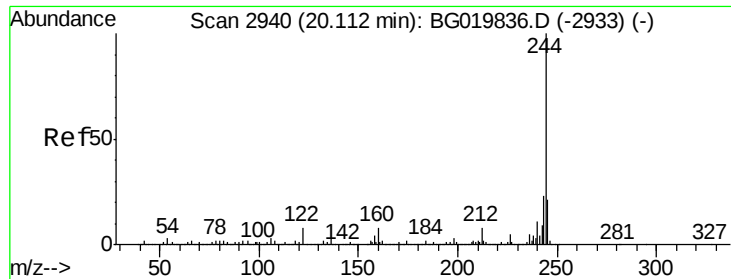
Tgt Ion:188 Resp: 147513
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 8.3 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020066.D
Acq: 10 Dec 2015 6:51

Tgt Ion:240 Resp: 178881
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 87.46 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

Instrument :

BNA_M

ClientSampleId :

S13-15

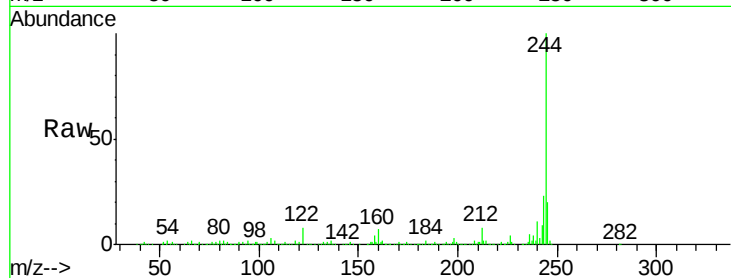
Tgt Ion:244 Resp: 641373

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

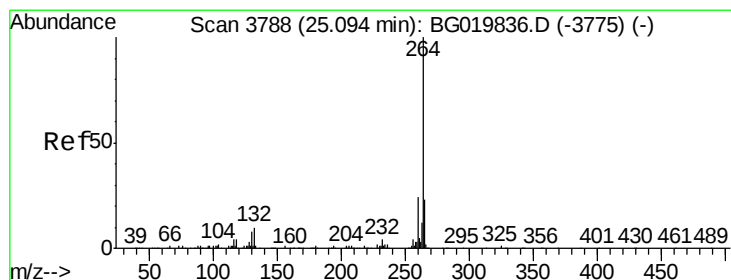
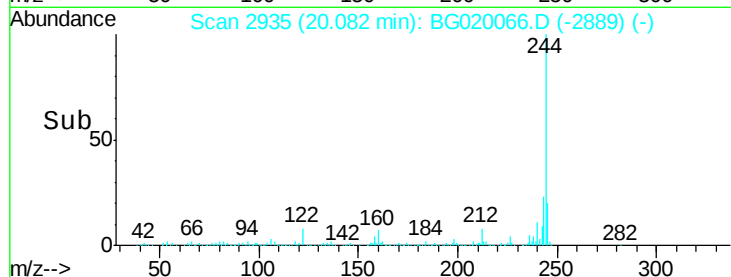
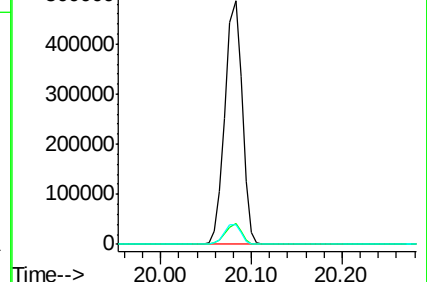
122 7.9 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020066.D

Acq: 10 Dec 2015 6:51

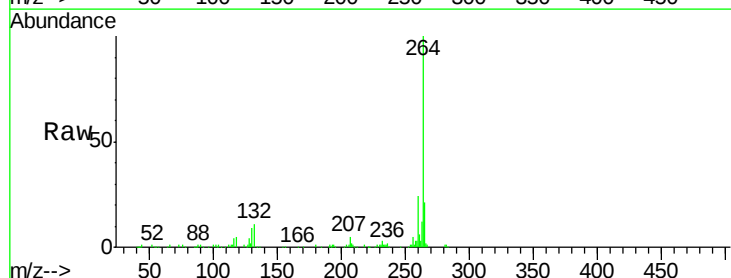
Tgt Ion:264 Resp: 168565

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.5 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

