

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020067.D
 Acq On : 10 Dec 2015 7:29
 Operator : UM/SJ
 Sample : G4683-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 10:01:31 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

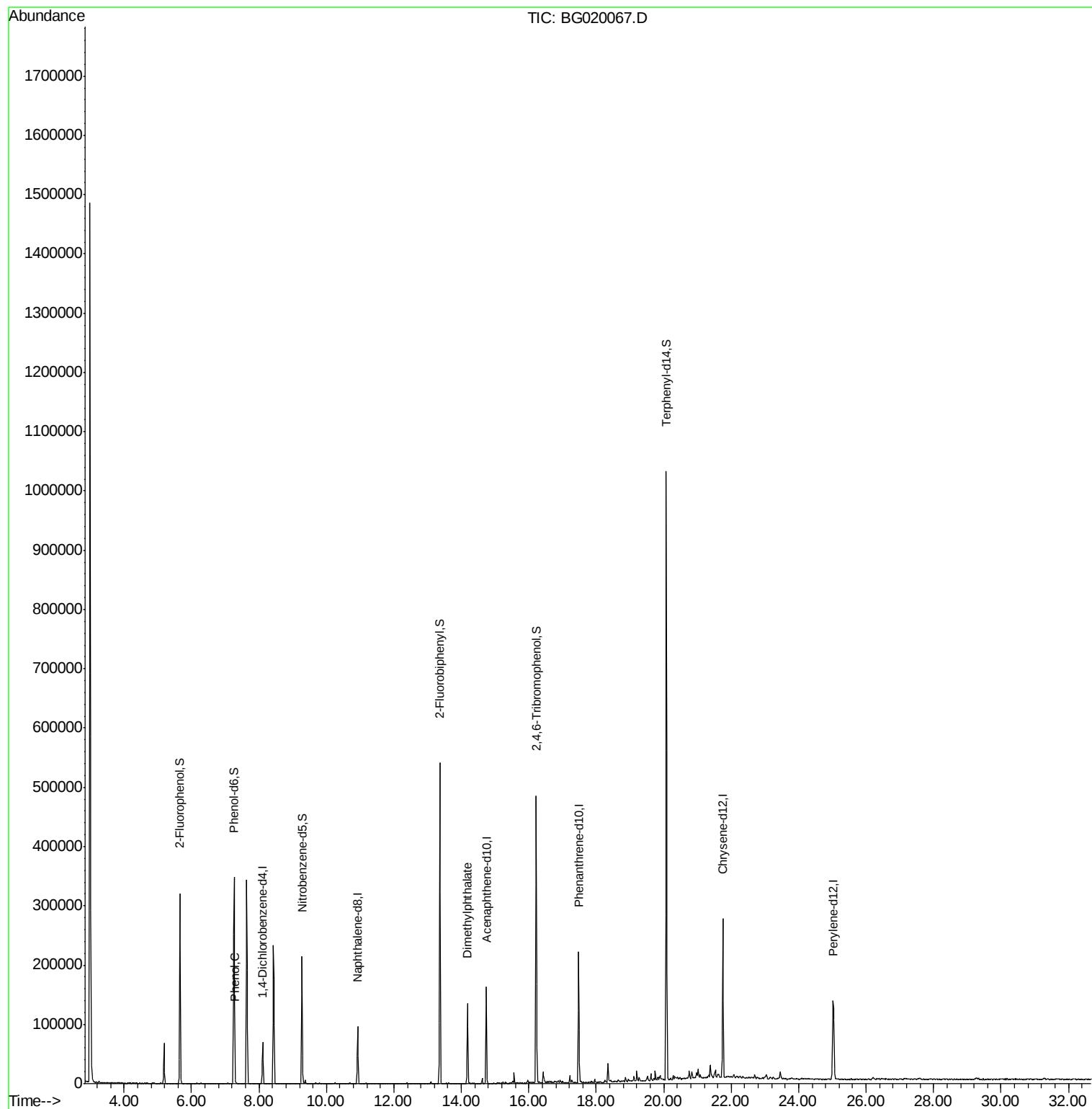
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18490	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	81919	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57018	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	135970	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	164780	20.00	ng	-0.04
86) Perylene-d12	25.02	264	155358	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	135403	132.35	ng	-0.01
7) Phenol-d6	7.26	99	202289	130.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	131242	81.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	94846	108.72	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	283477	67.88	ng	-0.03
78) Terphenyl-d14	20.08	244	461384	68.30	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	3435	2.11	ng	Qvalue # 57
49) Dimethylphthalate	14.18	163	90048	17.56	ng	98

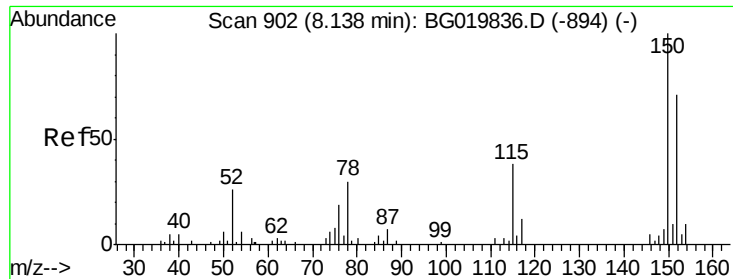
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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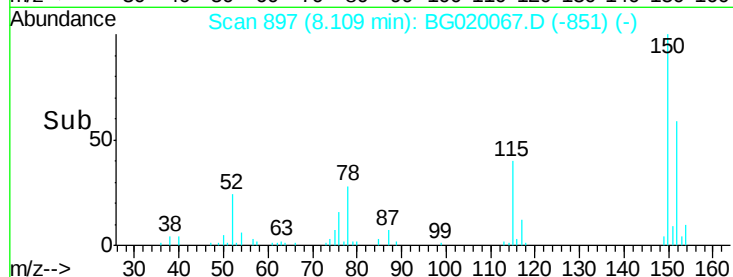
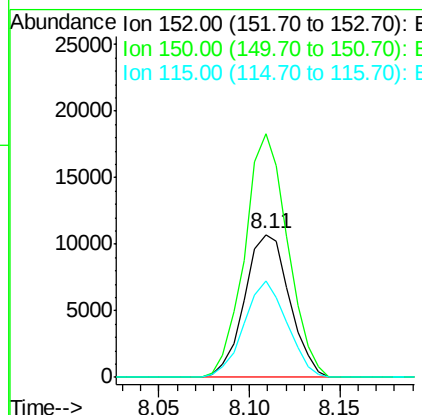
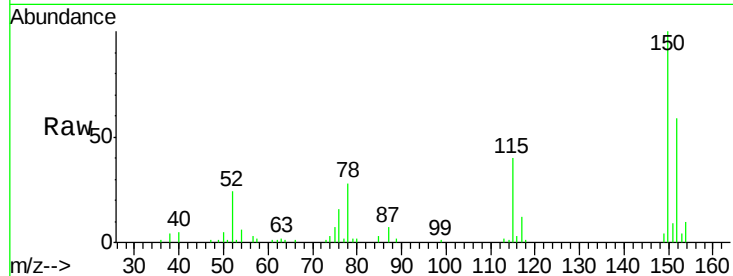




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020067.D
 Acq: 10 Dec 2015 7:29

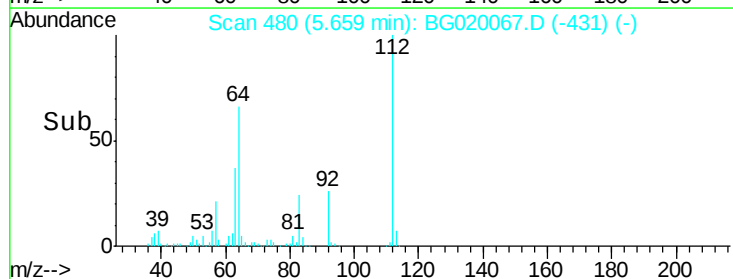
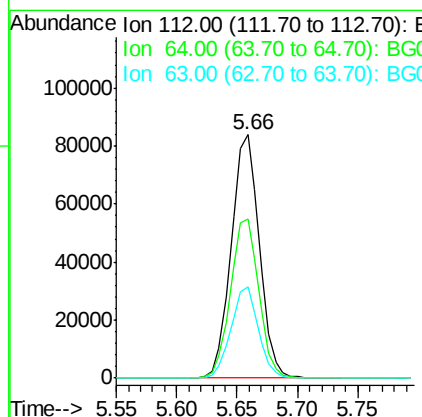
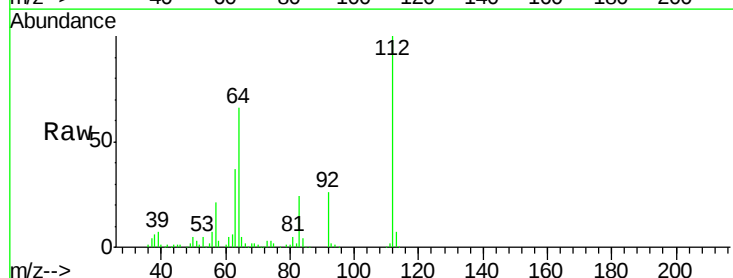
Instrument :
 BNA_G
 ClientSampled :

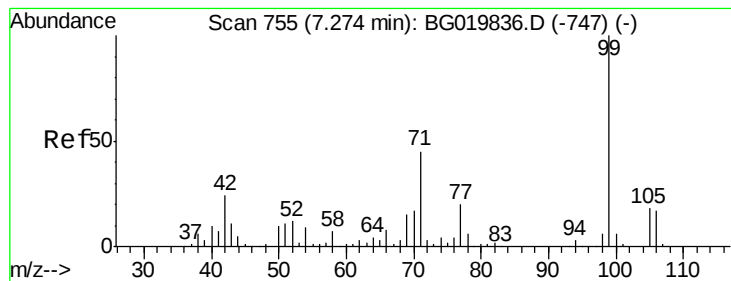
Tot Ion:152 Resp: 18490
 Ion Ratio Lower Upper
 152 100
 150 170.4 115.0 172.4
 115 67.5 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 132.35 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020067.D
 Acq: 10 Dec 2015 7:29

Tgt Ion:112 Resp: 135403
 Ion Ratio Lower Upper
 112 100
 64 65.5 43.7 65.5#
 63 37.3 24.0 36.0#





#7

Phenol-d6

Concen: 130.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Instrument :

BNA_G

ClientSampleId :

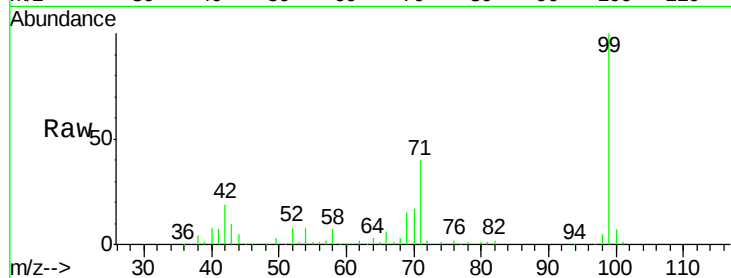
Tot Ion: 99 Resp: 202289

Ion Ratio Lower Upper

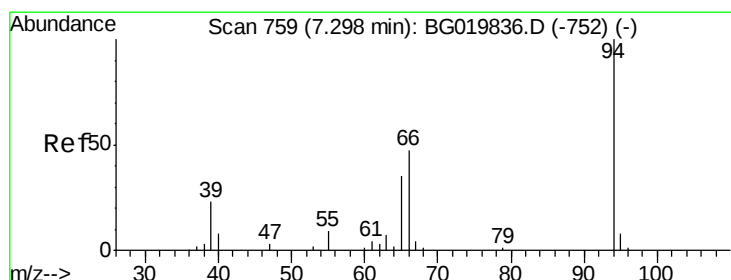
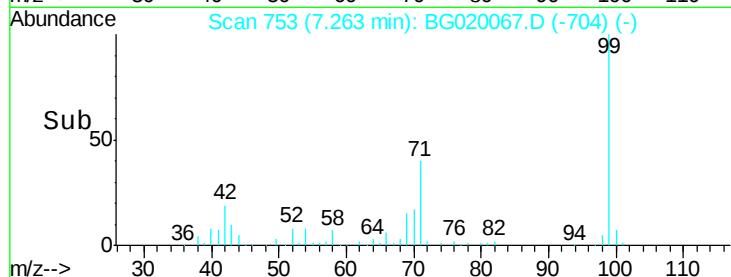
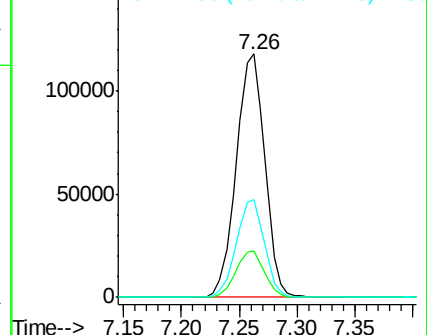
99 100

42 19.3 11.5 17.3#

71 40.0 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: 2.11 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

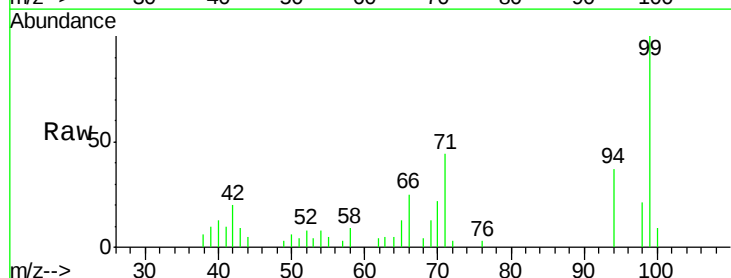
Tgt Ion: 94 Resp: 3435

Ion Ratio Lower Upper

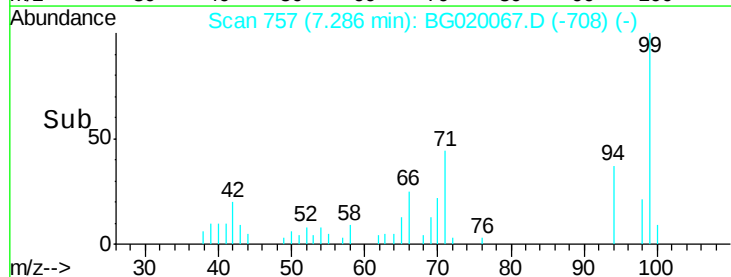
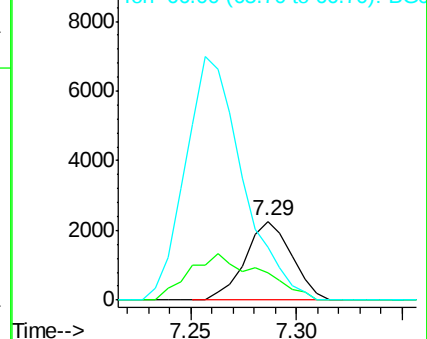
94 100

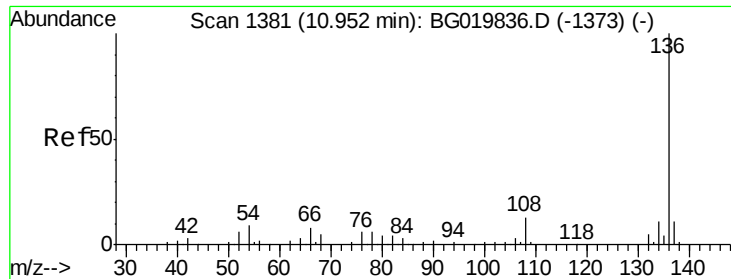
65 34.7 5.4 45.4

66 66.9 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

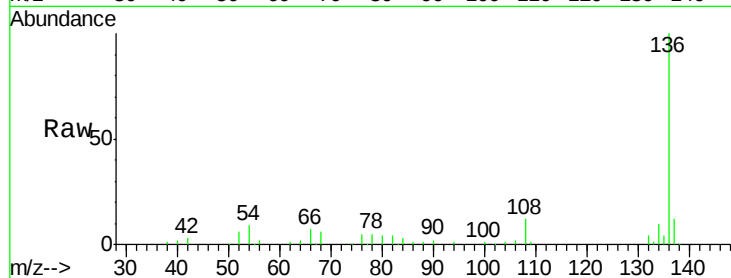




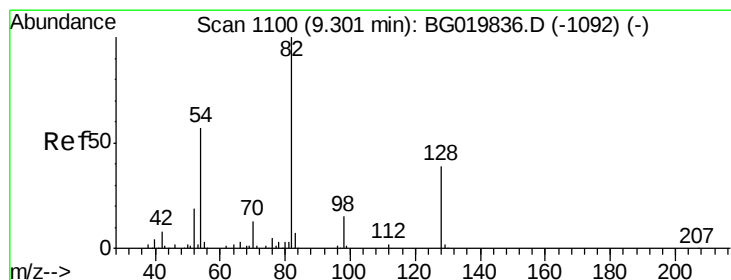
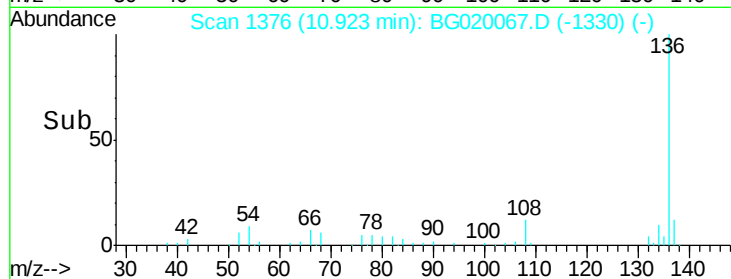
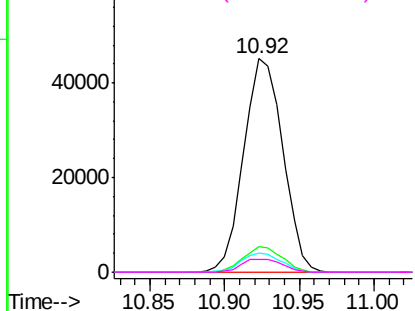
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	81919
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.6 12.8
54	8.8	5.4 8.2#
68	6.2	5.3 7.9

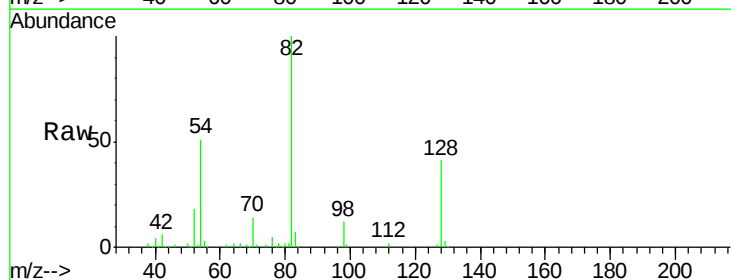


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

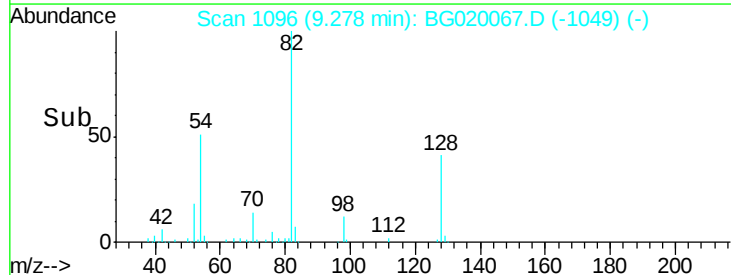
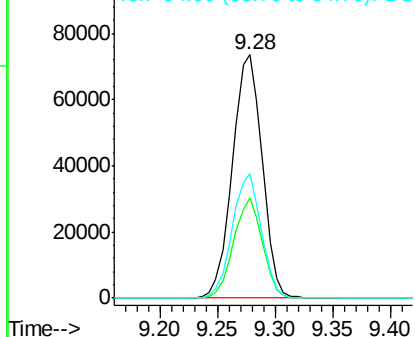


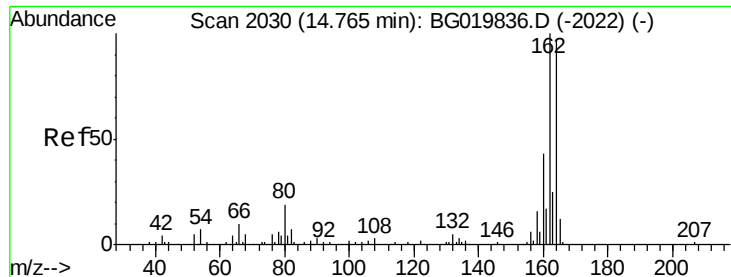
#23
Nitrobenzene-d5
Concen: 81.76 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Tgt Ion: 82	Resp:	131242
Ion Ratio	Lower	Upper
82	100	
128	41.3	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): E
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: BG020067.D

Acq: 10 Dec 2015 7:29

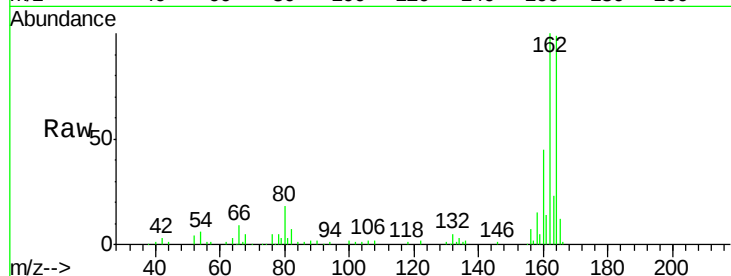
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 57018

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	45.5	36.4	54.6

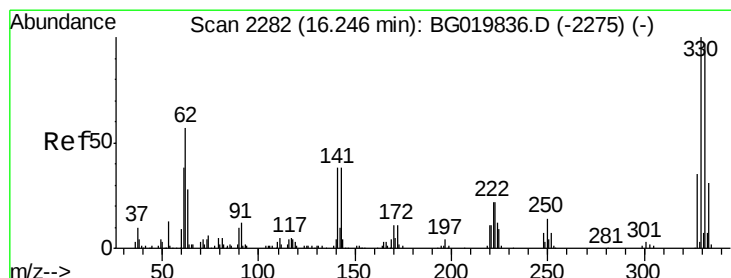
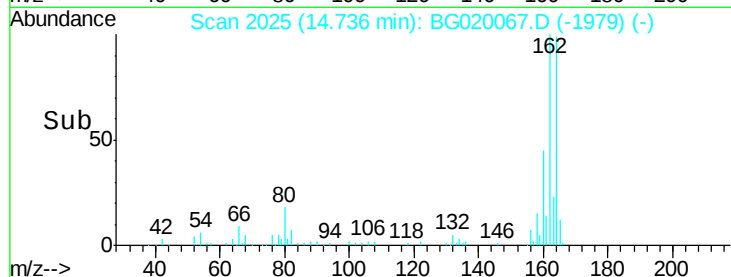
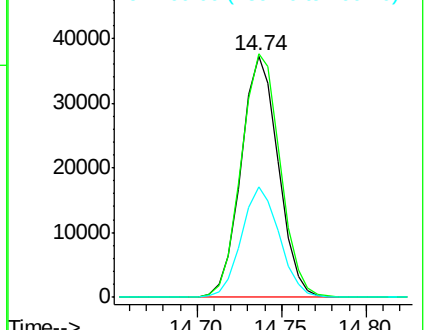


Abundance

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: 108.72 ng

RT: 16.22 min Scan# 2278

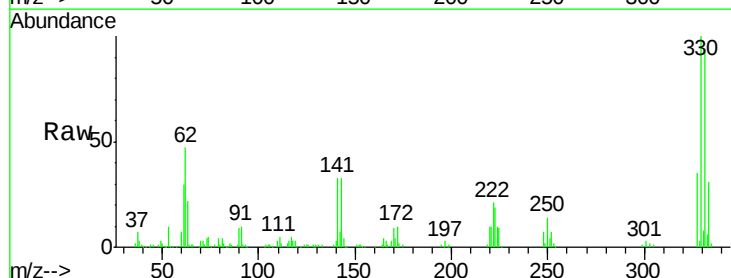
Delta R.T. -0.02 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Tgt Ion:330 Resp: 94846

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	35.9	28.2	42.2

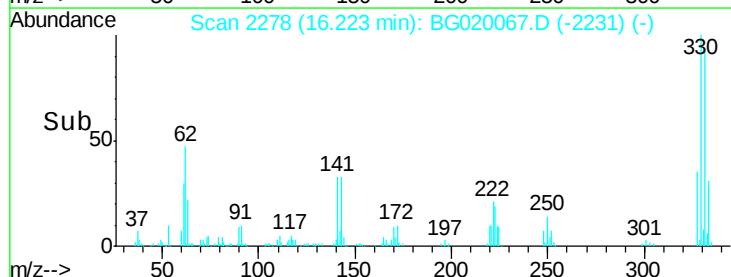
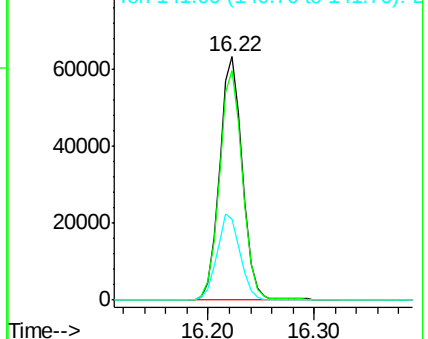


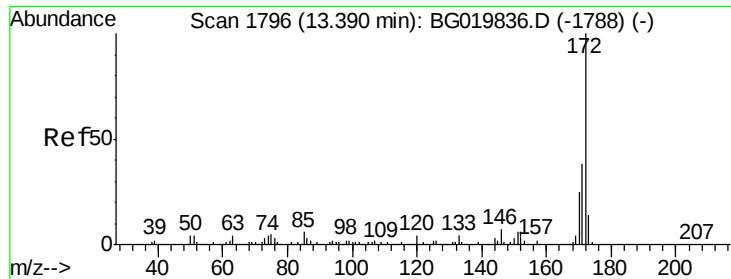
Abundance

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

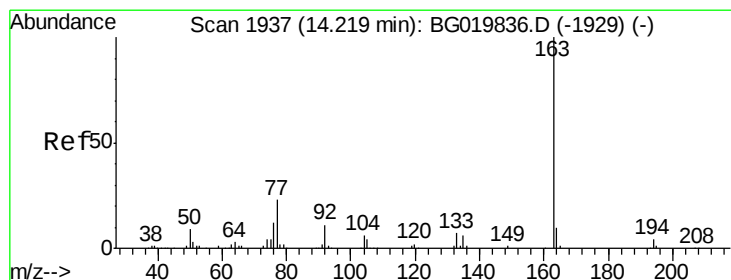
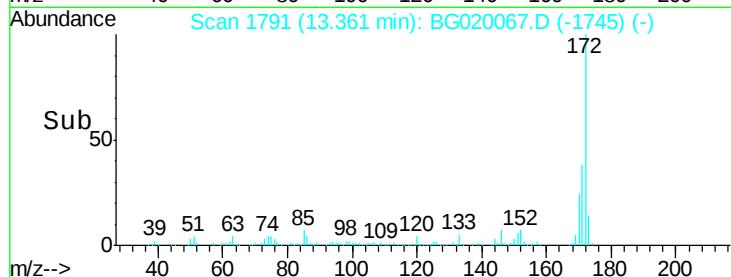
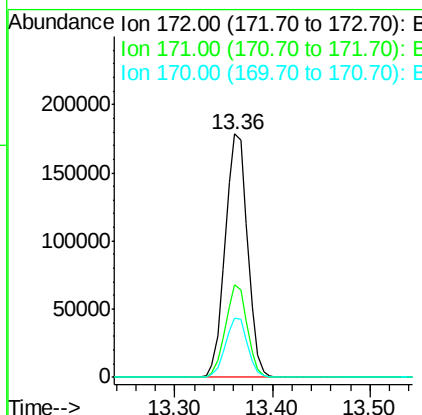
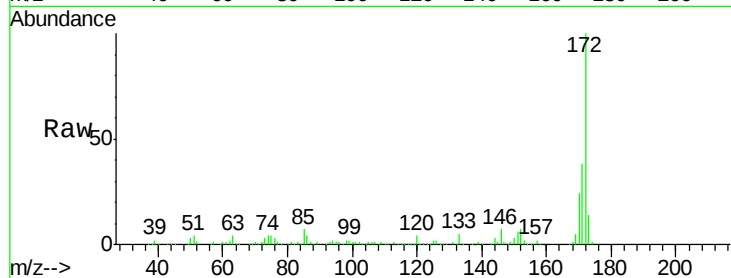




#44
2-Fluorobiphenyl
Concen: 67.88 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

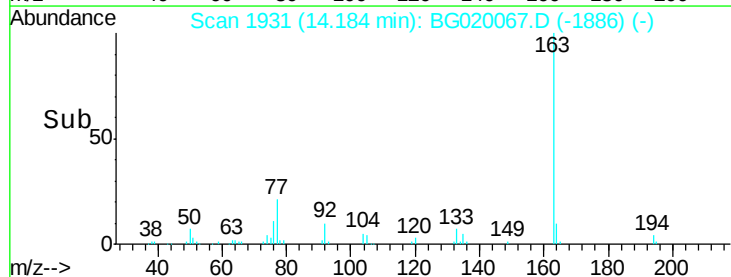
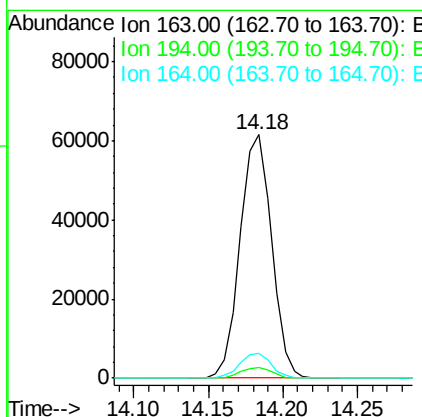
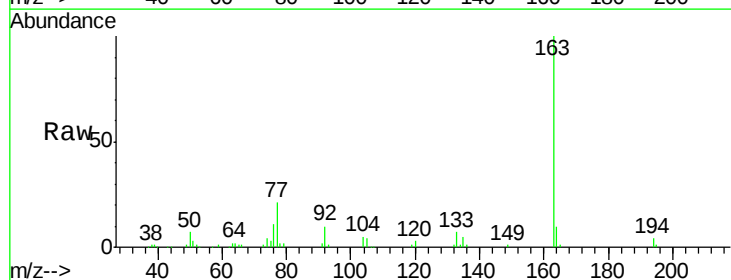
Instrument :
BNA_G
ClientSampled :

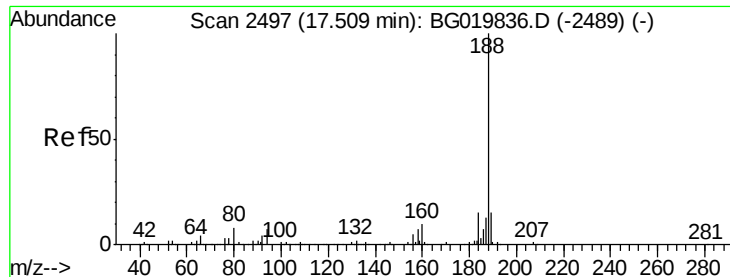
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.4	19.9	29.9



#49
Dimethylphthalate
Concen: 17.56 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.0	8.8	13.2

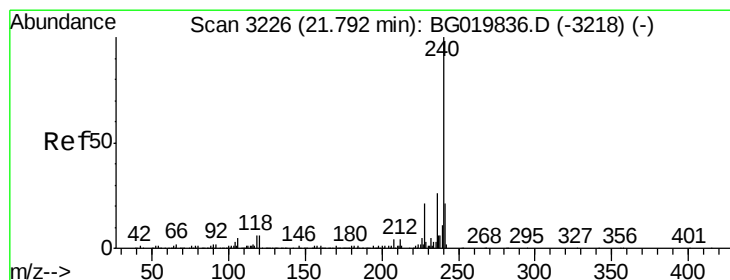
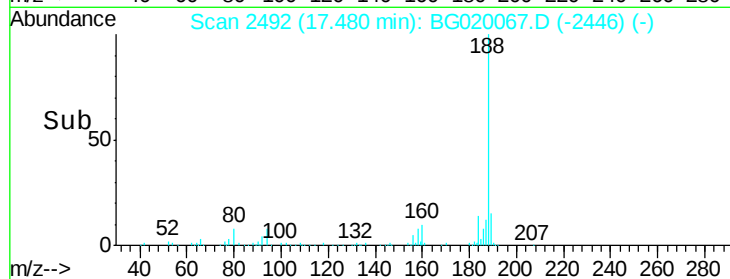
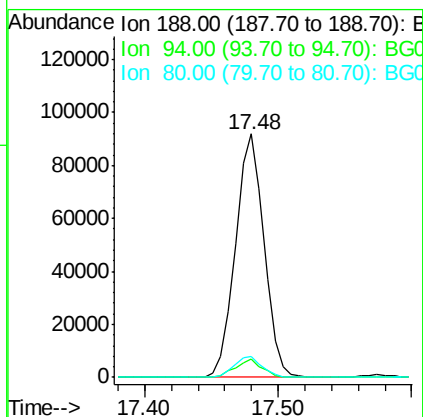
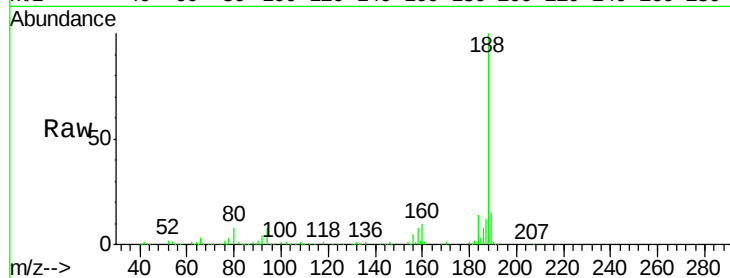




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

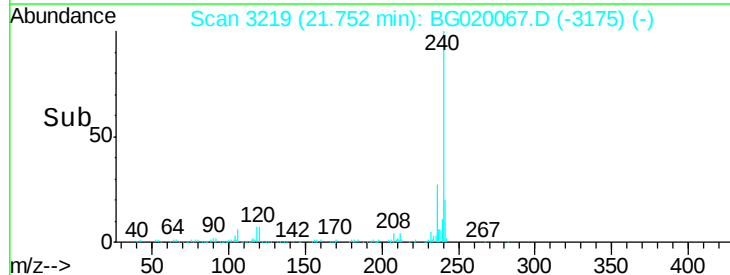
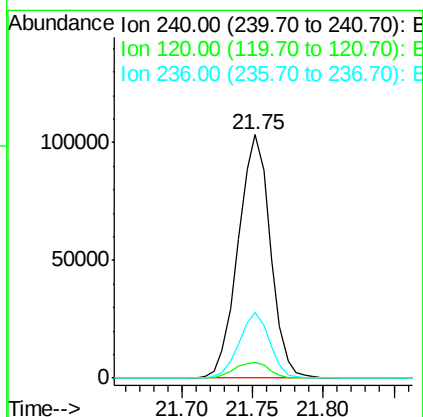
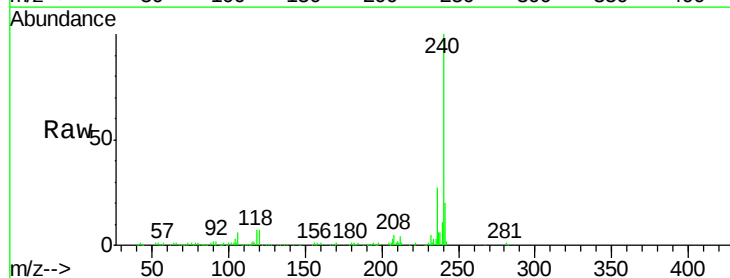
Instrument :
BNA_G
ClientSampleId :

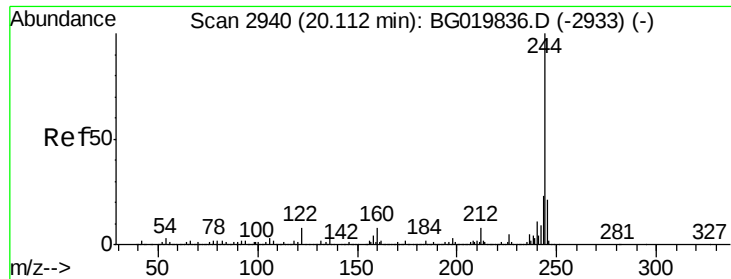
Tot Ion:188 Resp: 135970
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 8.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Tgt Ion:240 Resp: 164780
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 68.30 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Instrument :

BNA_G

ClientSampleId :

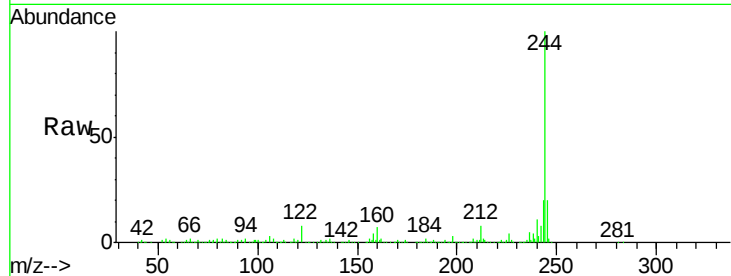
Tot Ion:244 Resp: 461384

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

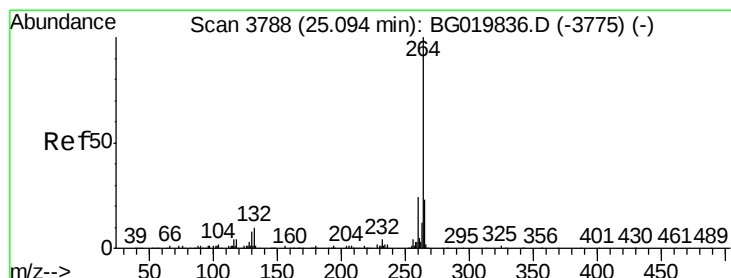
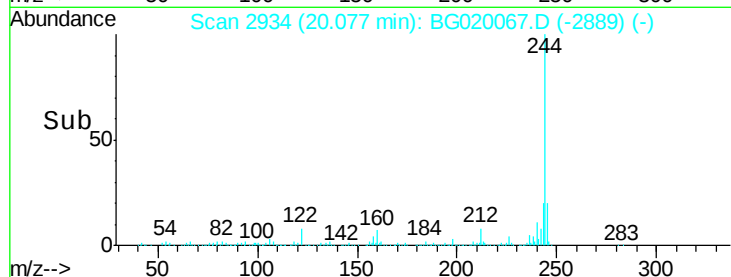
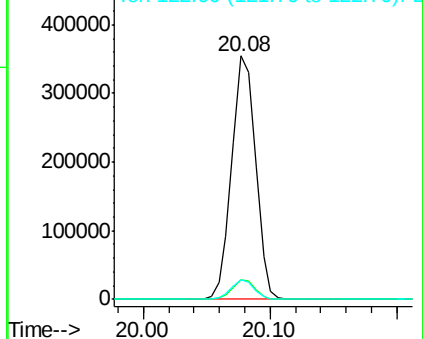
122 7.8 10.2 15.2#



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: 25.02 min Scan# 3776

Delta R.T. -0.07 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

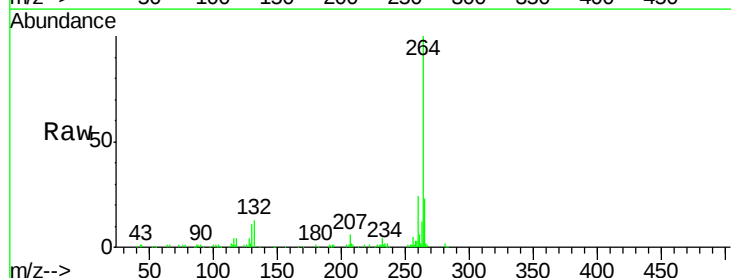
Tgt Ion:264 Resp: 155358

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 22.8 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

