

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028938.D
 Acq On : 26 Sep 2017 11:10
 Operator : SJ/JU
 Sample : I5306-01RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-21RE

Quant Time: Sep 26 12:32:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

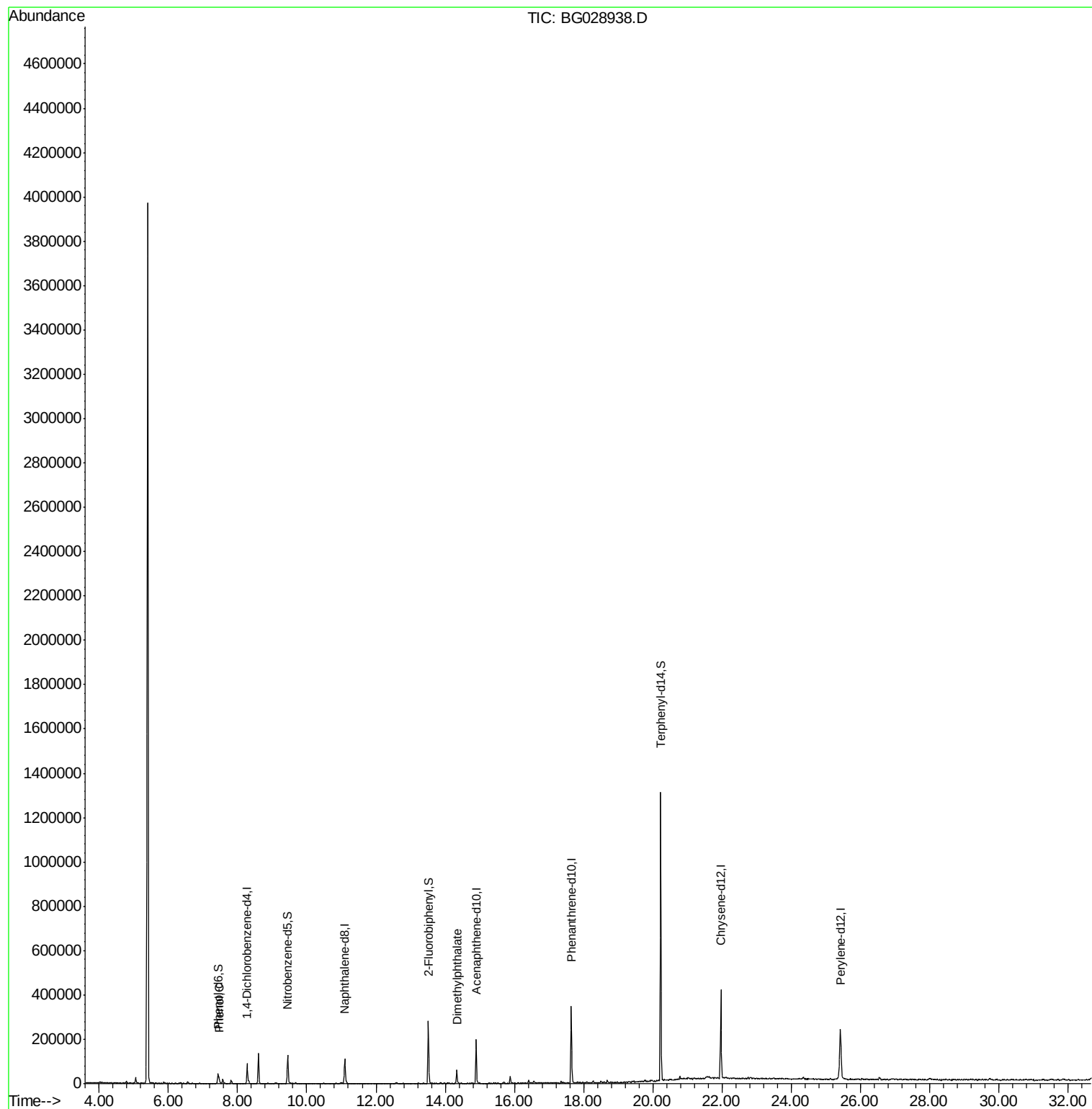
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25097	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	100404	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	75840	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	235022	20.00	ng	0.00
75) Chrysene-d12	21.97	240	277434	20.00	ng	0.00
86) Perylene-d12	25.41	264	286268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	2488	1.64	ng	0.02
7) Phenol-d6	7.44	99	30342	13.25	ng	0.00
23) Nitrobenzene-d5	9.45	82	90095	42.93	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	1017	0.81	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	160419	28.20	ng	0.00
78) Terphenyl-d14	20.23	244	625808	48.10	ng	0.00
Target Compounds						
10) Phenol	7.46	94	12538	5.188	ng	89
49) Dimethylphthalate	14.33	163	46829	7.364	ng	# 95

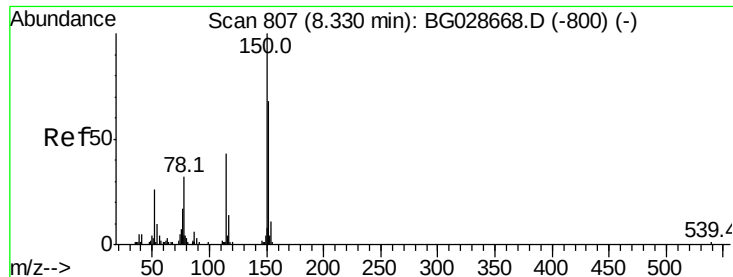
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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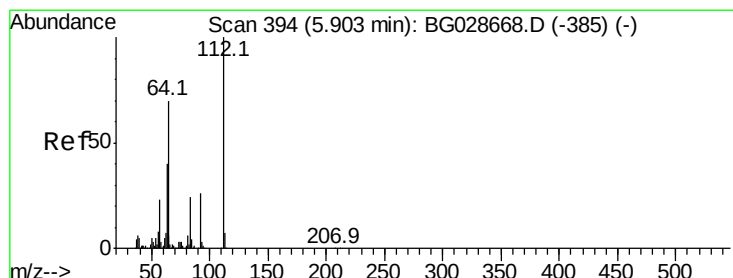
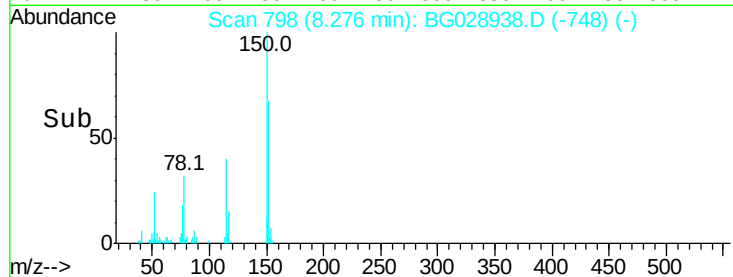
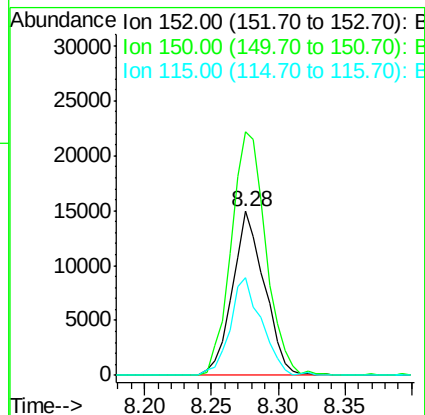
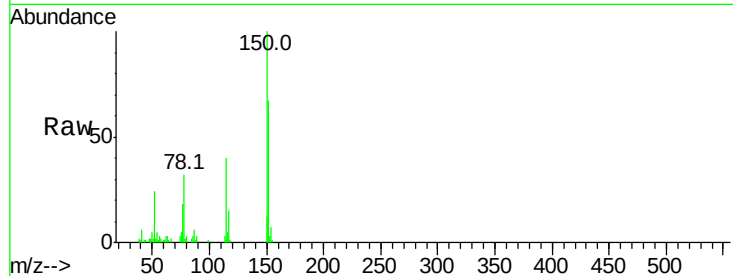


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Instrument :
BNA_G
ClientSampleId :
EP-21RE

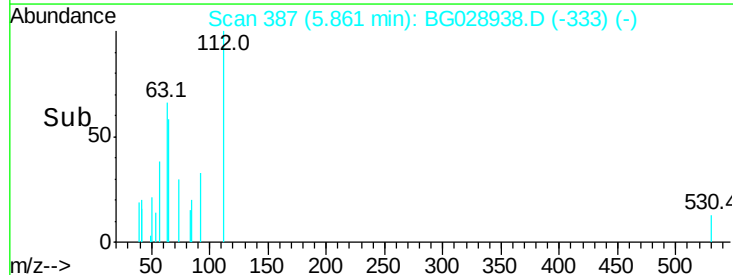
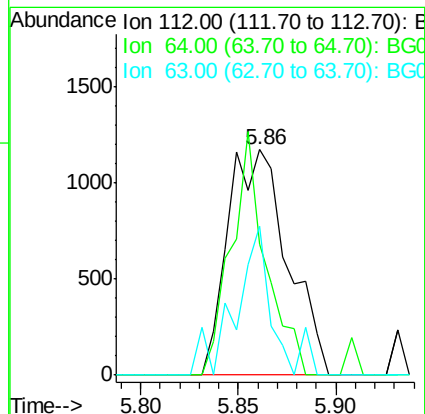
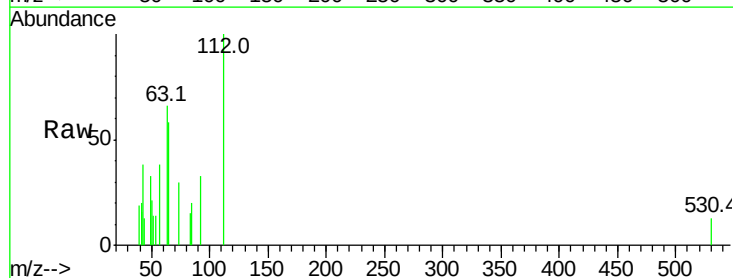
Tot Ion:152 Resp: 25097
Ion Ratio Lower Upper
152 100
150 148.7 114.0 171.0
115 59.9 48.1 72.1

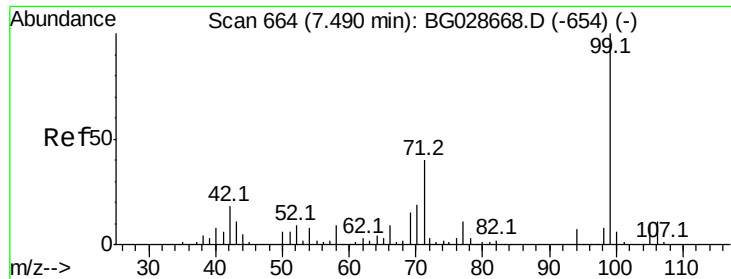


#5

2-Fluorophenol
Concen: 1.636 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.02 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion:112 Resp: 2488
Ion Ratio Lower Upper
112 100
64 57.9 61.8 92.6#
63 66.3 37.2 55.8#





#7

Phenol-d6

Concen: 13.250 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.00 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

BNA_G

ClientSampleId :

EP-21RE

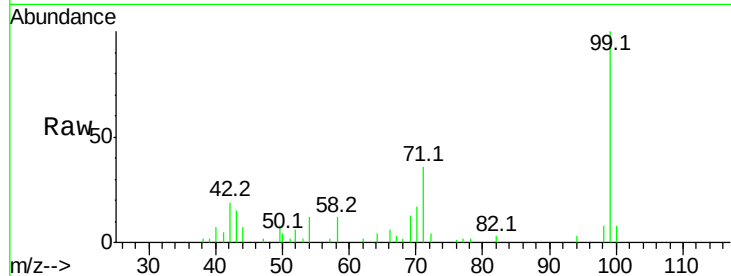
Tot Ion: 99 Resp: 30342

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

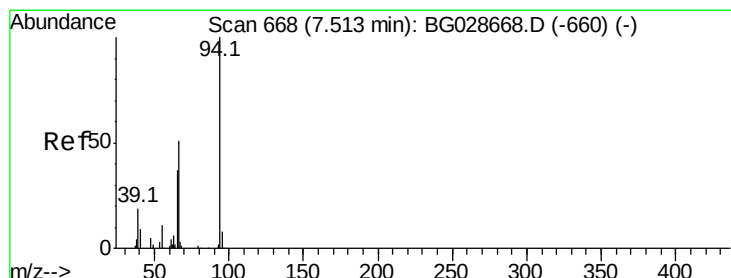
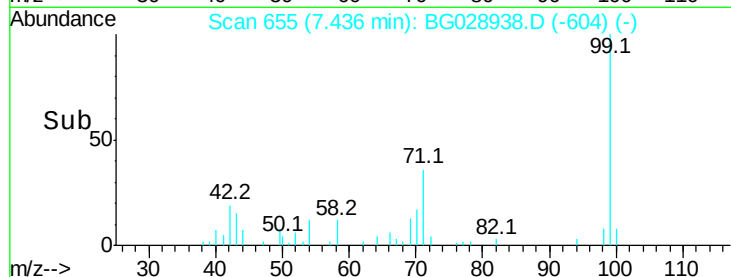
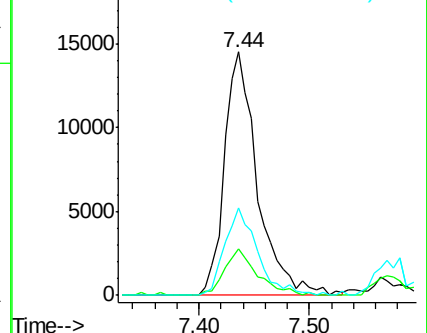
71 35.8 37.6 56.4#



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: 5.188 ng

RT: 7.46 min Scan# 660

Delta R.T. 0.01 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

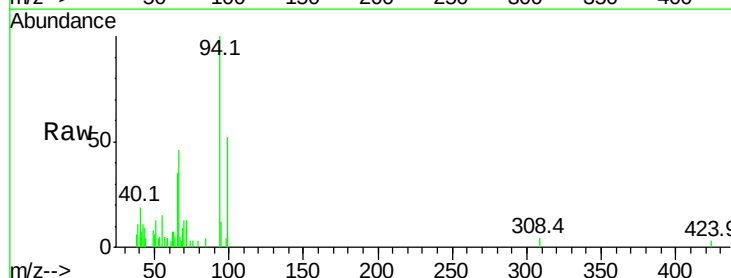
Tgt Ion: 94 Resp: 12538

Ion Ratio Lower Upper

94 100

65 35.5 20.6 60.6

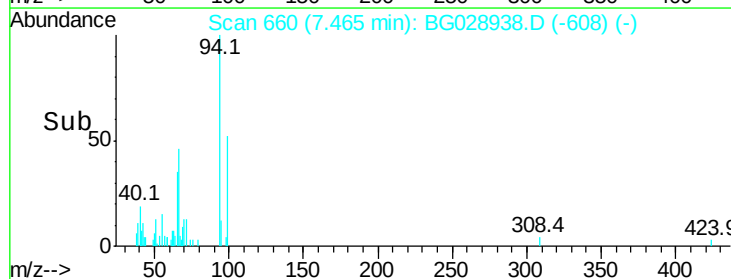
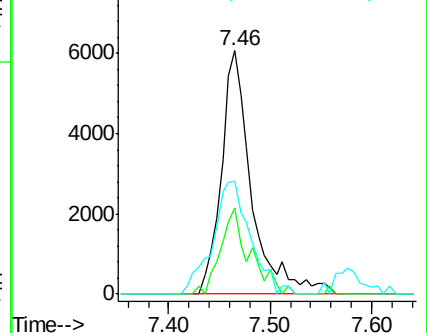
66 46.3 35.5 75.5

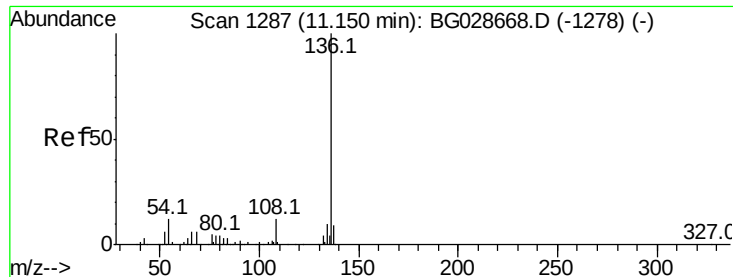


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

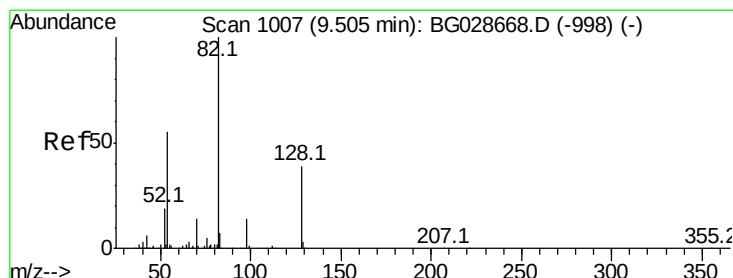
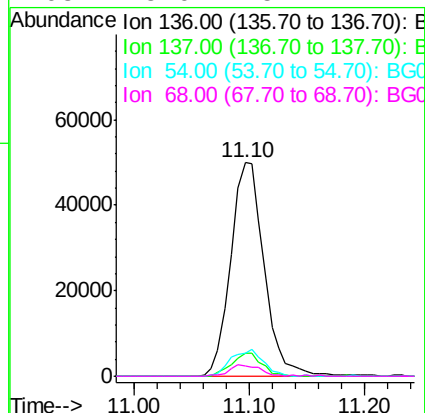
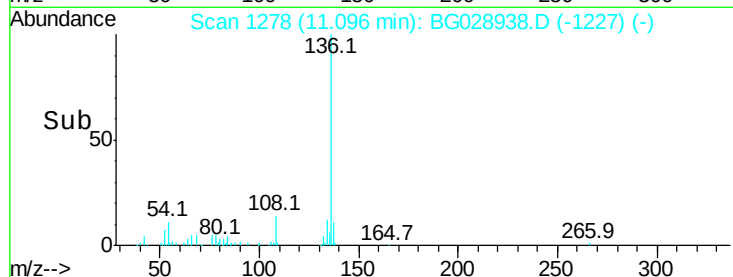
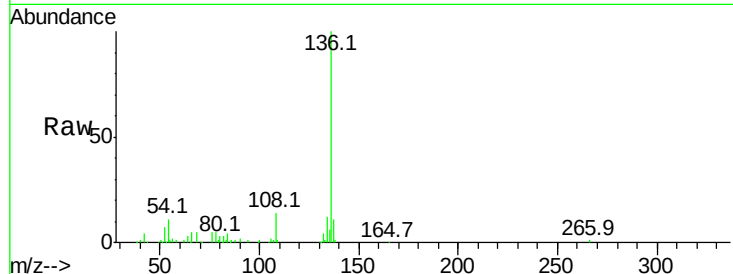




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

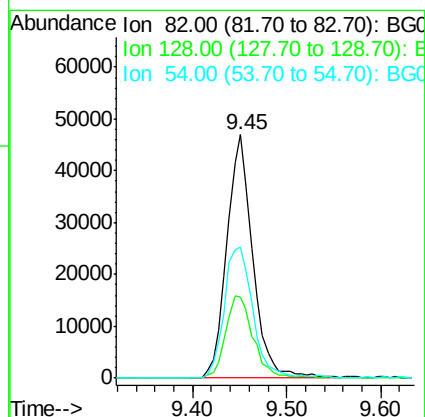
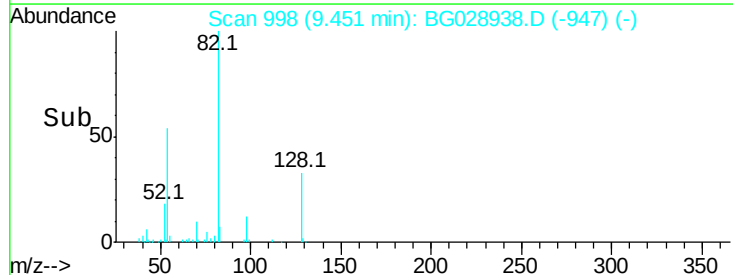
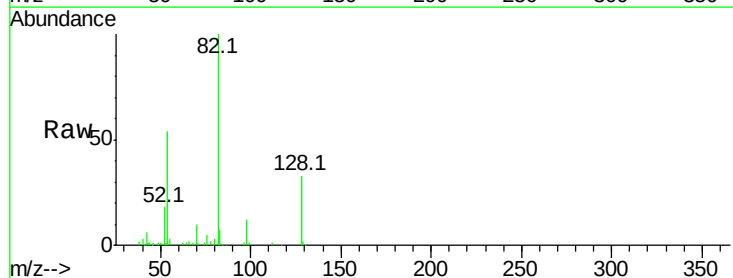
Instrument :
BNA_G
ClientSampleId :
EP-21RE

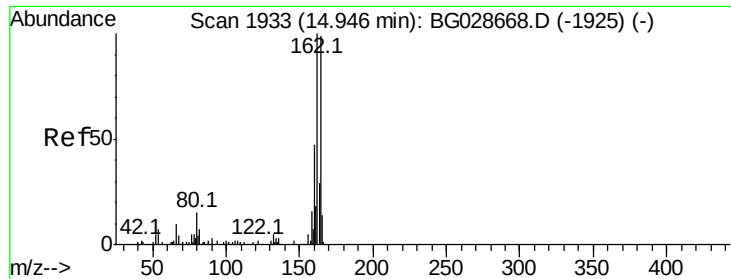
Tot Ion:	136	Resp:	100404
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.0	9.3	13.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 42.926 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion:	82	Resp:	90095
Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	54.0	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

BNA_G

ClientSampleId :

EP-21RE

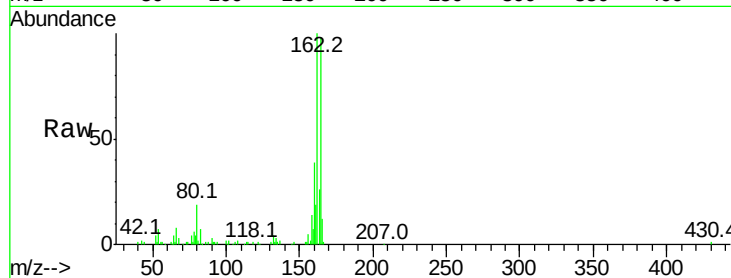
Tot Ion:164 Resp: 75840

Ion Ratio Lower Upper

164 100

162 102.3 85.1 127.7

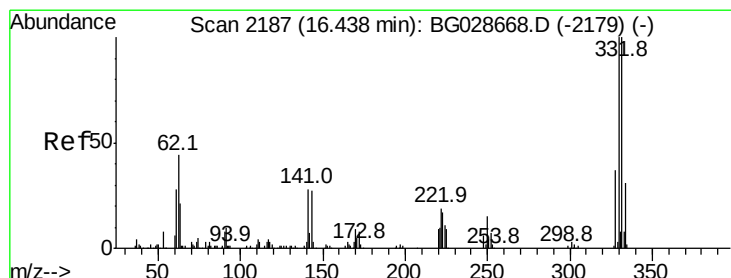
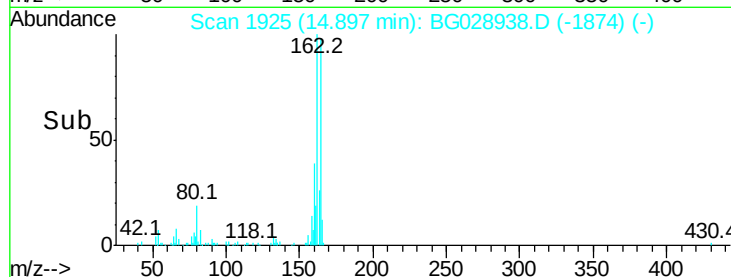
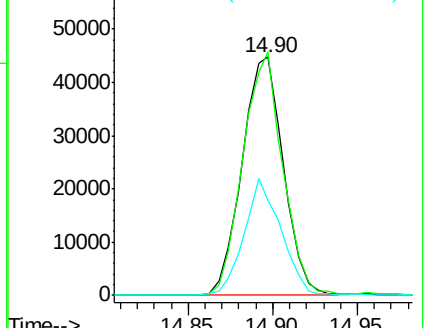
160 39.9 34.7 52.1



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: 0.811 ng

RT: 16.40 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

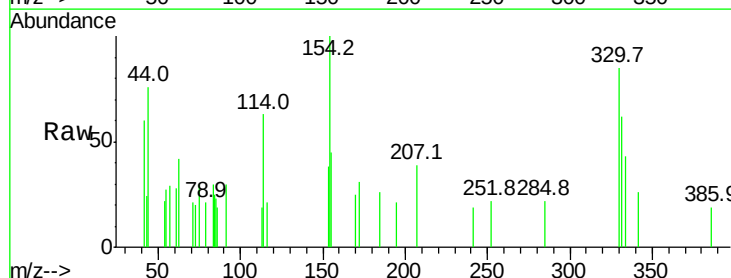
Tgt Ion:330 Resp: 1017

Ion Ratio Lower Upper

330 100

332 87.2 77.3 115.9

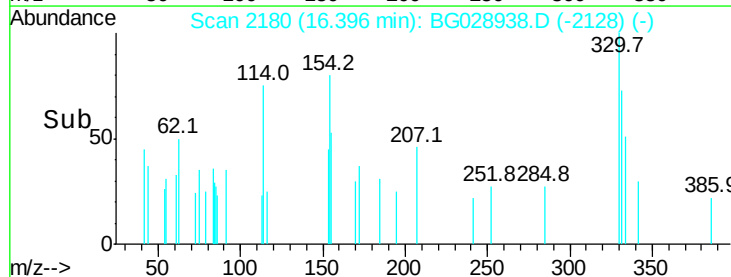
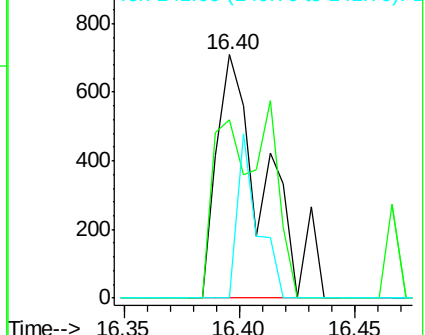
141 29.1 32.1 48.1#

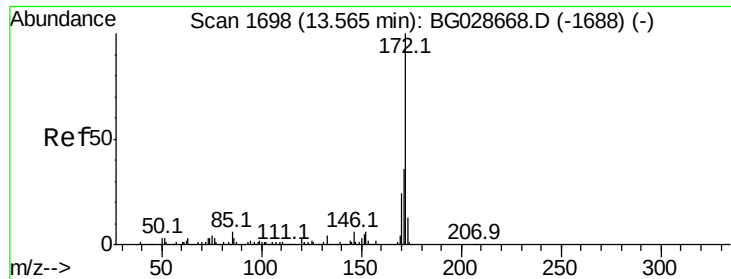


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

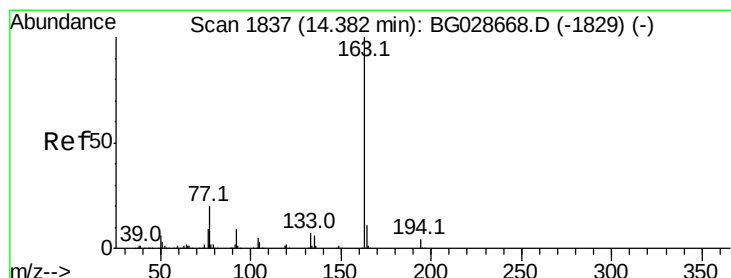
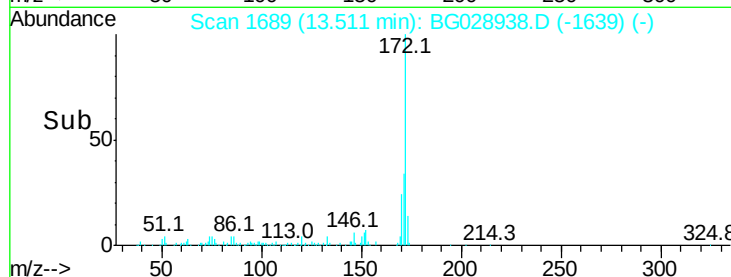
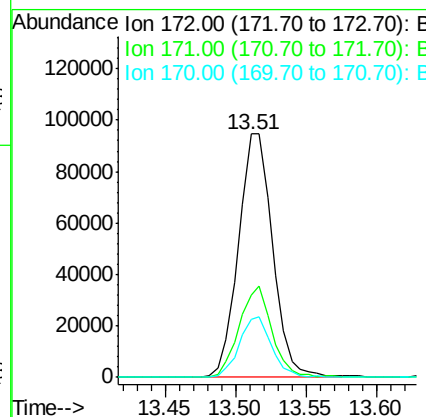
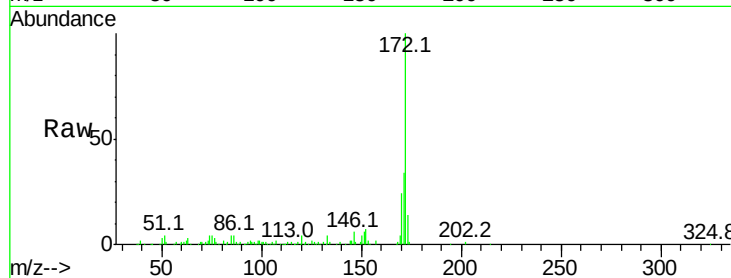




#44
2-Fluorobiphenyl
Concen: 28.205 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

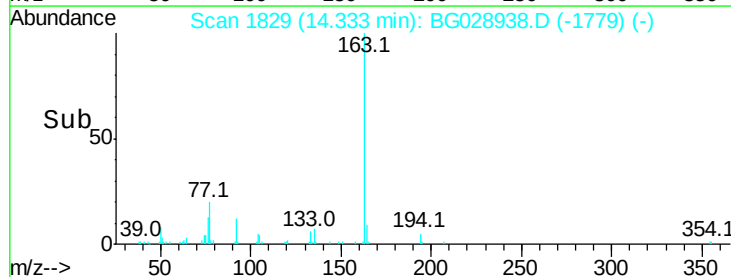
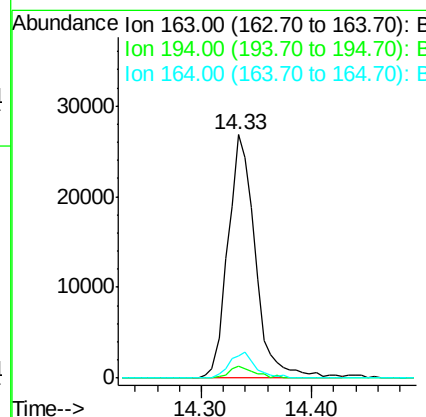
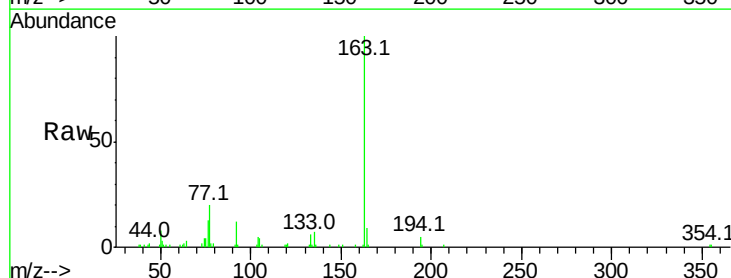
Instrument :
BNA_G
ClientSampleId :
EP-21RE

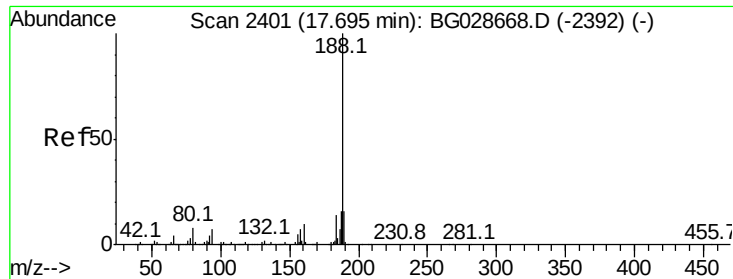
Tot Ion:172 Resp: 160419
Ion Ratio Lower Upper
172 100
171 33.6 32.2 48.2
170 24.1 21.8 32.6



#49
Dimethylphthalate
Concen: 7.364 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion:163 Resp: 46829
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 8.9 9.3 13.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

BNA_G

ClientSampleId :

EP-21RE

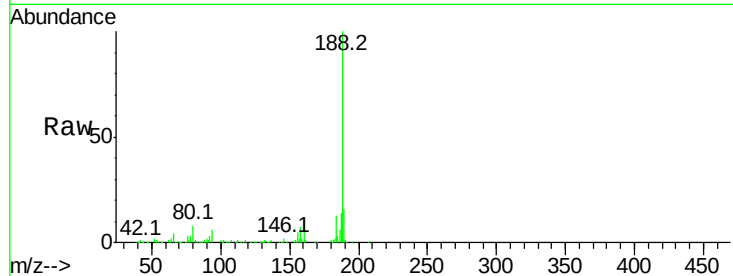
Tot Ion:188 Resp: 235022

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

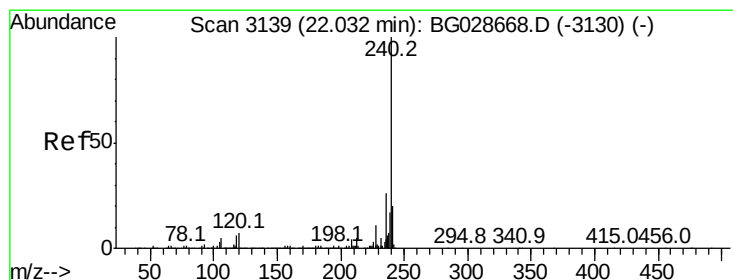
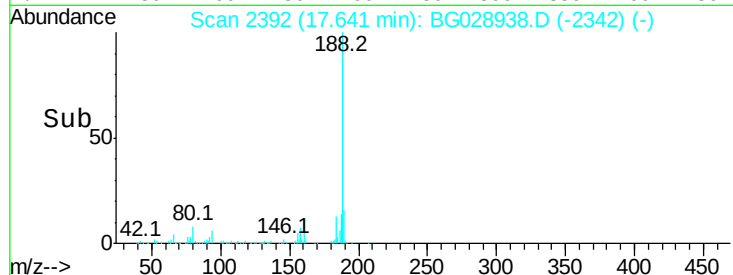
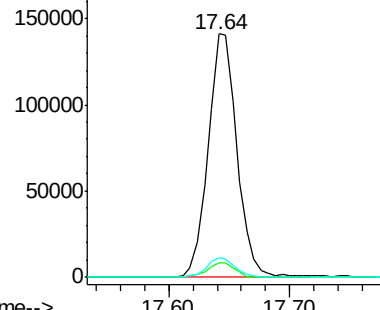
80 7.9 7.5 11.3



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: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

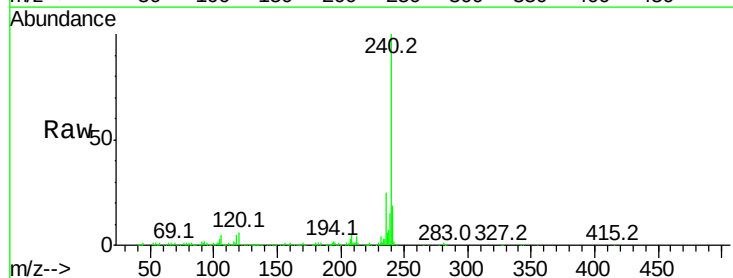
Tgt Ion:240 Resp: 277434

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

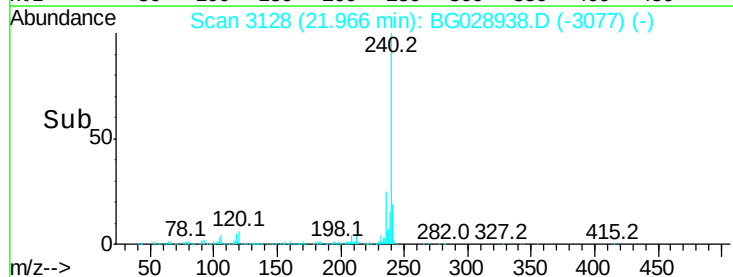
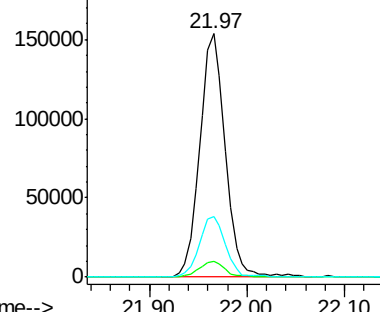
236 24.9 22.2 33.4

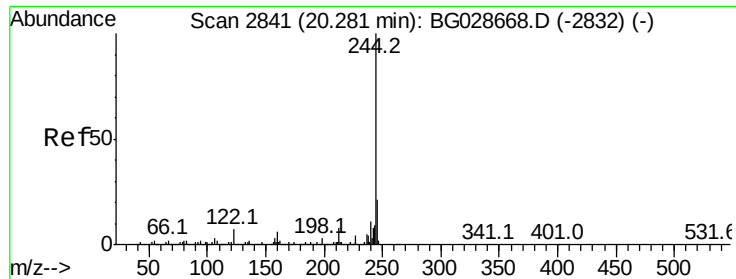


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.104 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

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ClientSampleId :

EP-21RE

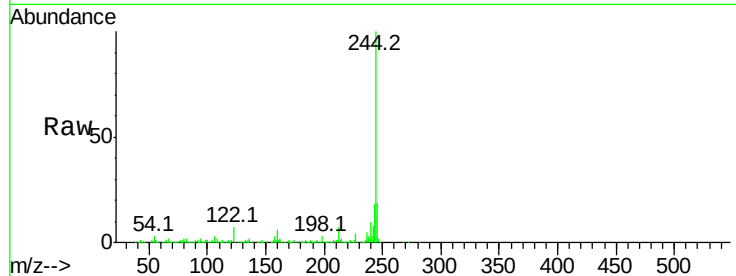
Tot Ion:244 Resp: 625808

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

122 7.1 8.6 12.8#



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

600000

500000

400000

300000

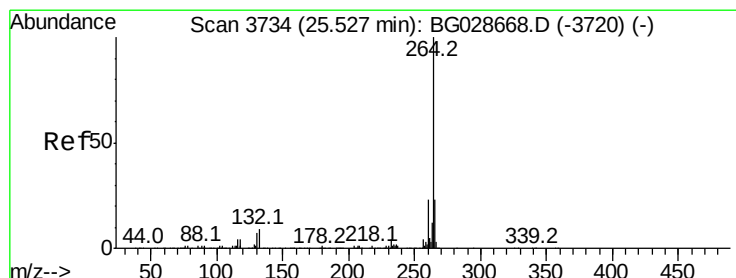
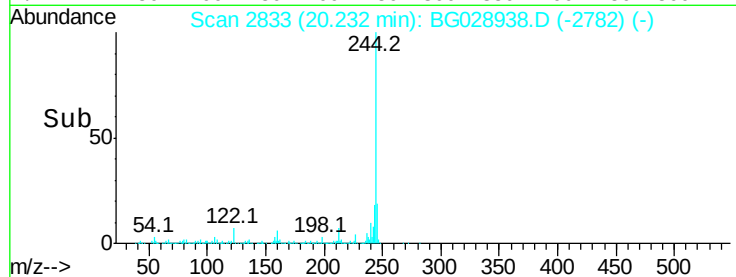
200000

100000

0

20.20 20.23 20.30

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.41 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

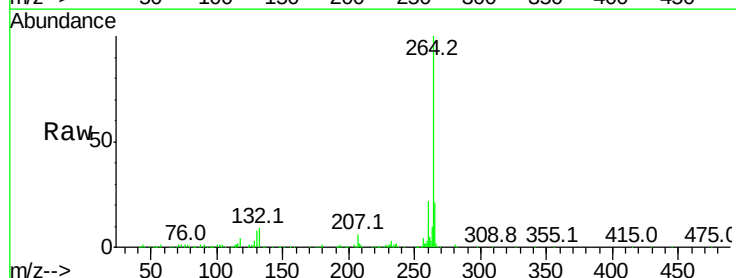
Tgt Ion:264 Resp: 286268

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 21.2 18.2 27.4



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

120000

100000

80000

60000

40000

20000

0

25.30 25.41 25.50

Time-->

