

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028820.D
 Acq On : 19 Sep 2017 7:40
 Operator : SJ/JU
 Sample : I5265-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-34D46

Quant Time: Sep 19 08:31:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

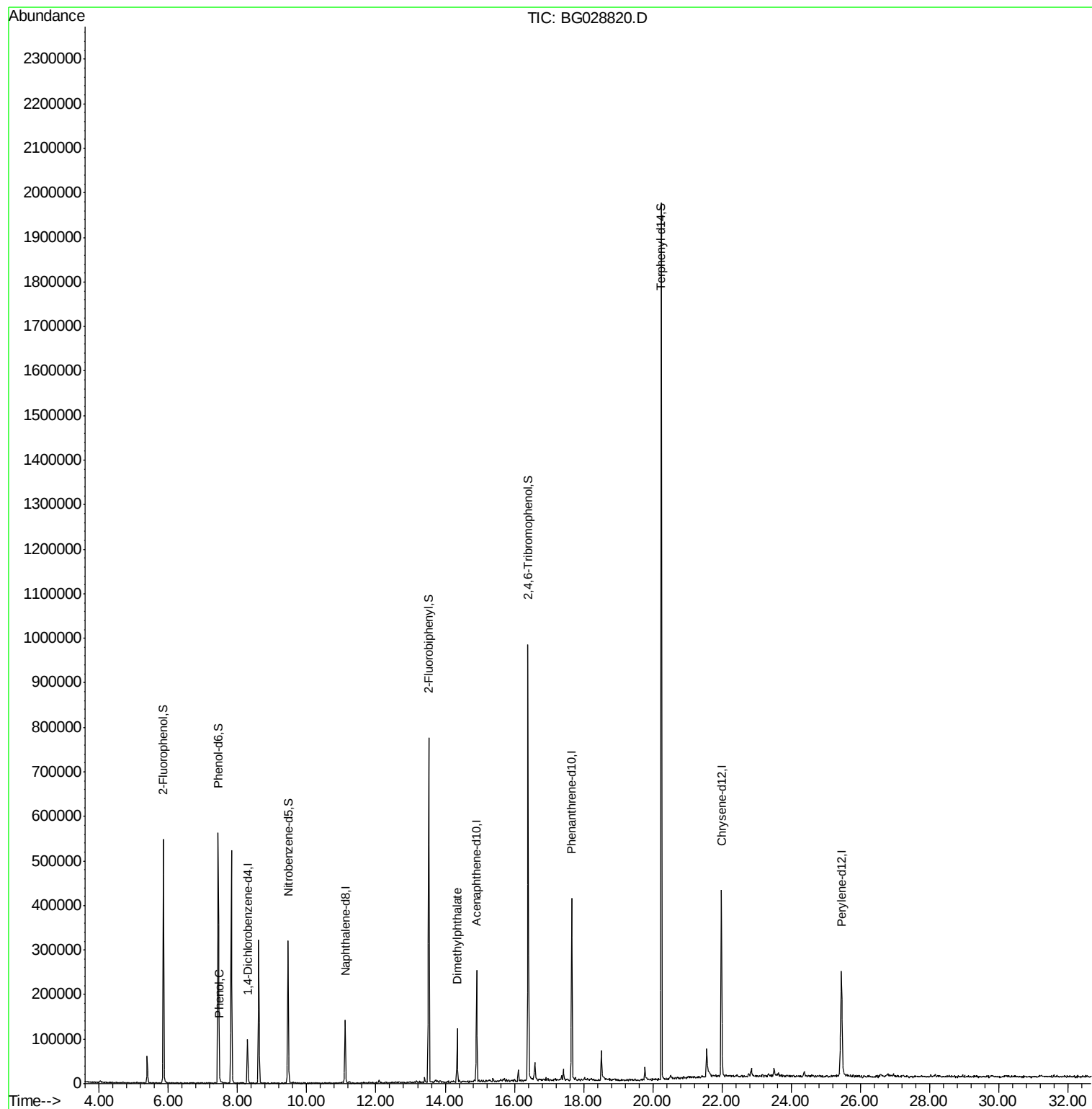
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27388	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	119695	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	90623	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261444	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	291171	20.00	ng	-0.05
86) Perylene-d12	25.45	264	302245	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	233890	140.91	ng	-0.05
7) Phenol-d6	7.44	99	336338	134.59	ng	-0.05
23) Nitrobenzene-d5	9.46	82	203563	81.36	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	213777	142.63	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	436965	64.29	ng	-0.04
78) Terphenyl-d14	20.25	244	947527	69.40	ng	-0.04
Target Compounds						
10) Phenol	7.48	94	6270	2.377	ng	Qvalue # 76
49) Dimethylphthalate	14.35	163	67385	8.867	ng	97

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028820.D
Acq On : 19 Sep 2017 7:40
Operator : SJ/JU
Sample : I5265-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-34D46

Quant Time: Sep 19 08:31:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

Instrument :

BNA_G

ClientSampleId :

TP-34D46

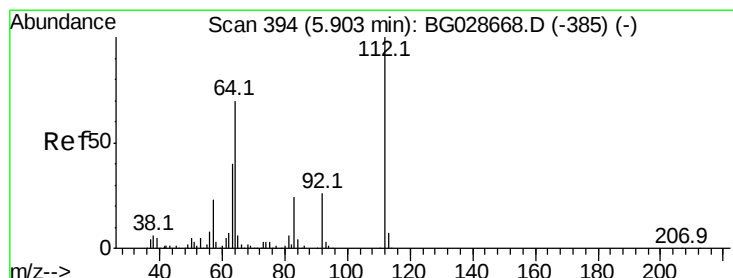
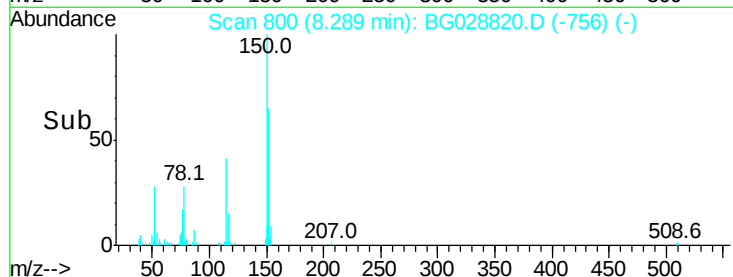
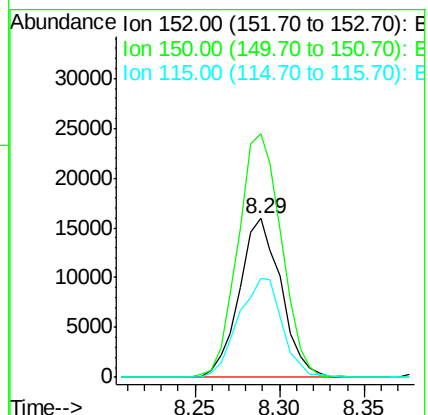
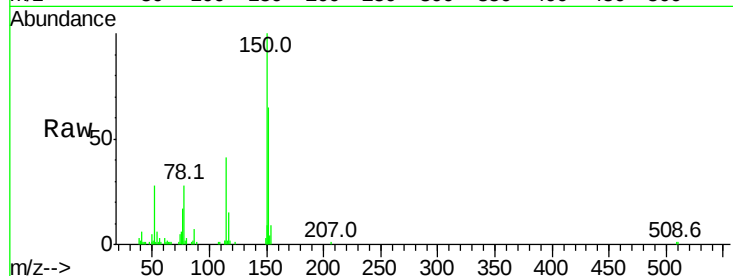
Tot Ion:152 Resp: 27388

Ion Ratio Lower Upper

152 100

150 153.0 114.0 171.0

115 62.2 48.1 72.1



#5

2-Fluorophenol

Concen: 140.912 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

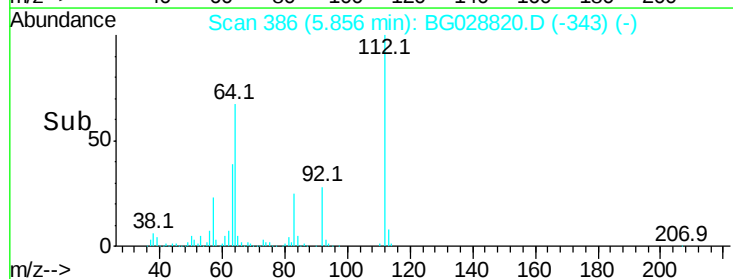
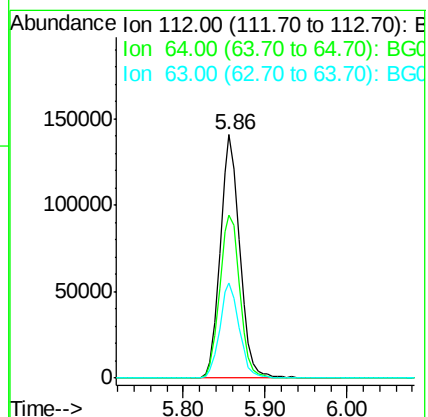
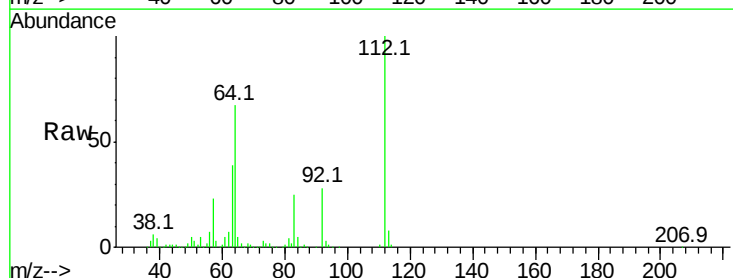
Tgt Ion:112 Resp: 233890

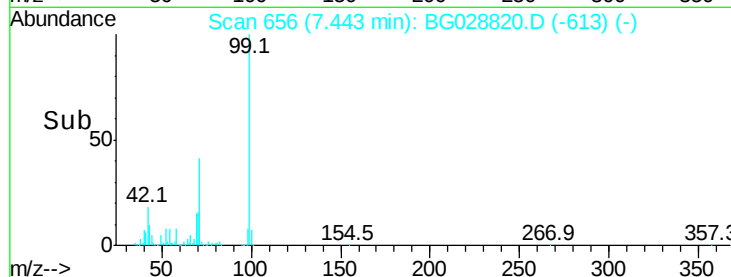
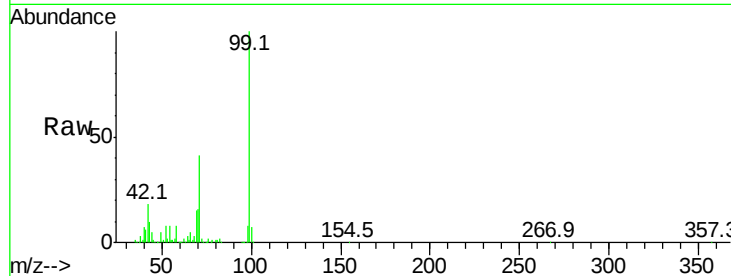
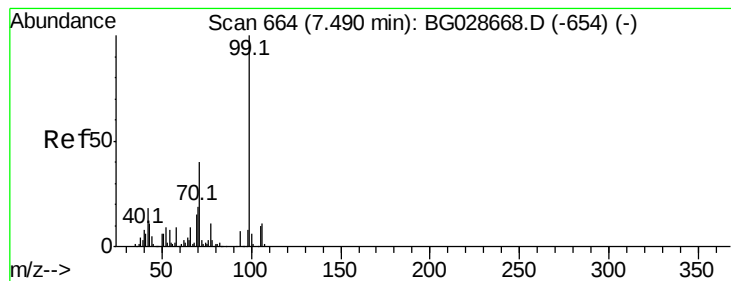
Ion Ratio Lower Upper

112 100

64 66.9 61.8 92.6

63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 134.585 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

Instrument :

BNA_G

ClientSampleId :

TP-34D46

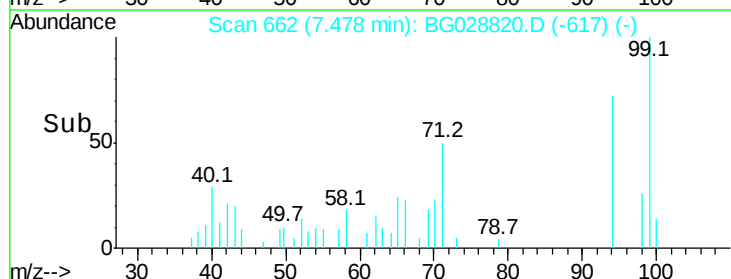
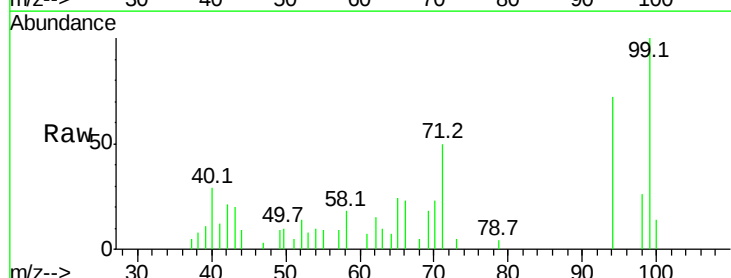
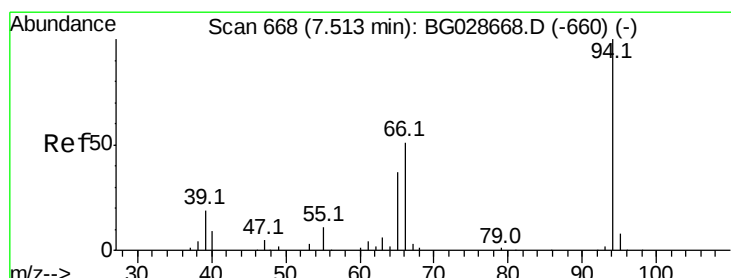
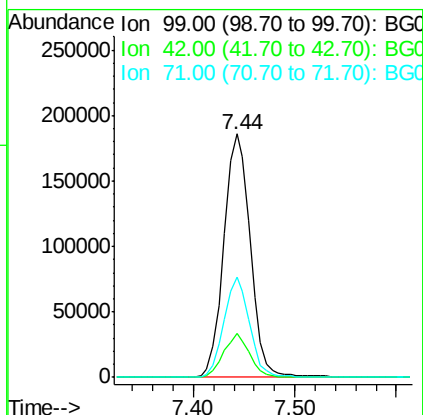
Tot Ion: 99 Resp: 336338

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

71 41.3 37.6 56.4



#10

Phenol

Concen: 2.377 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

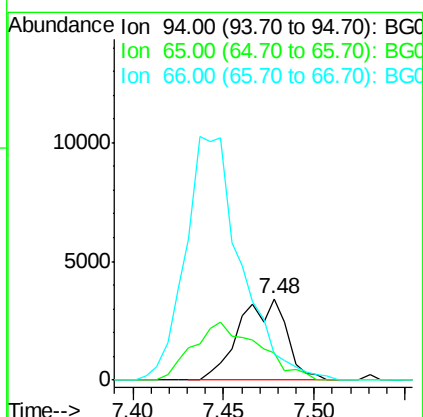
Tgt Ion: 94 Resp: 6270

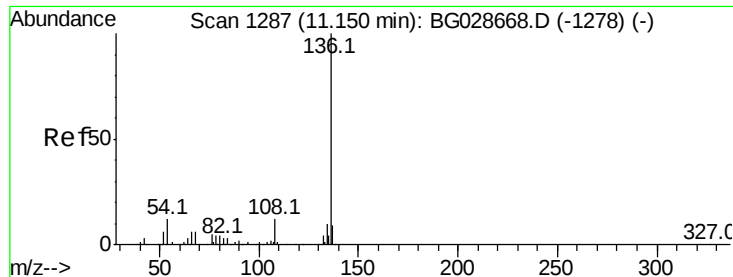
Ion Ratio Lower Upper

94 100

65 33.2 20.6 60.6

66 31.5 35.5 75.5#

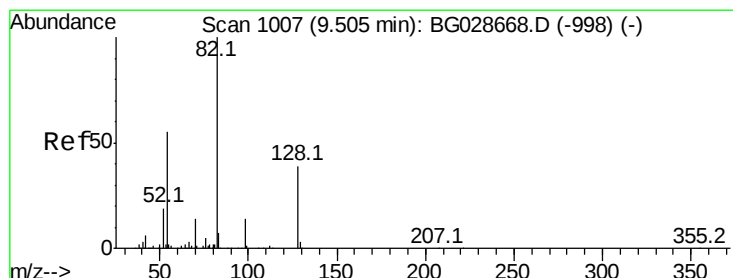
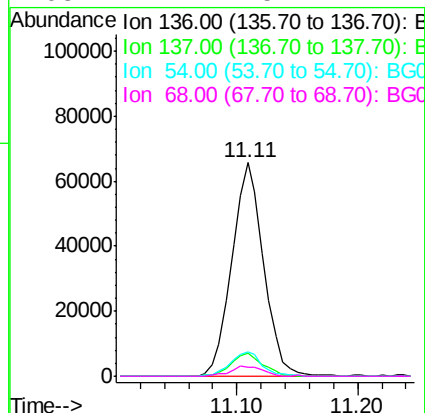
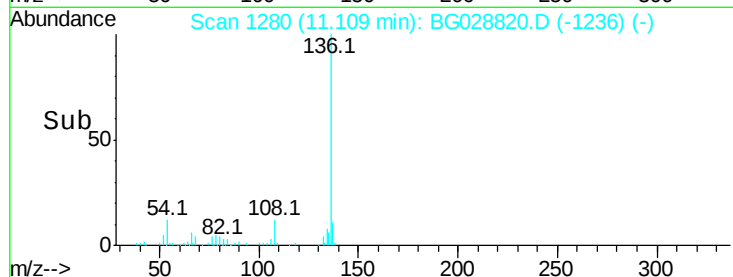
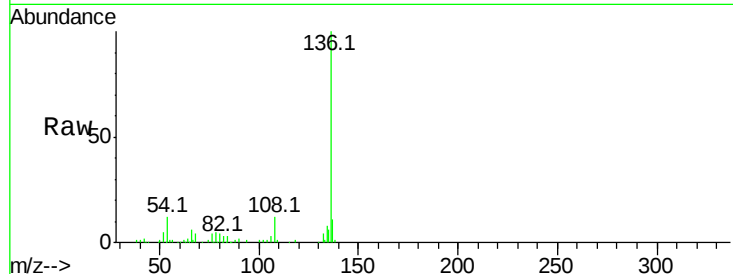




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

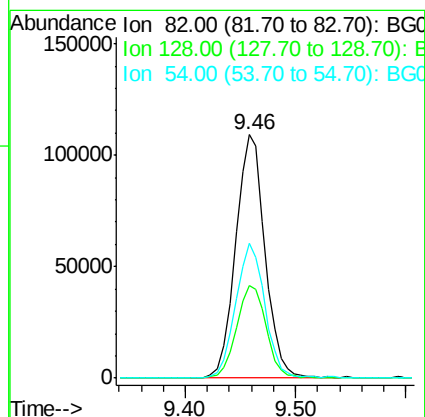
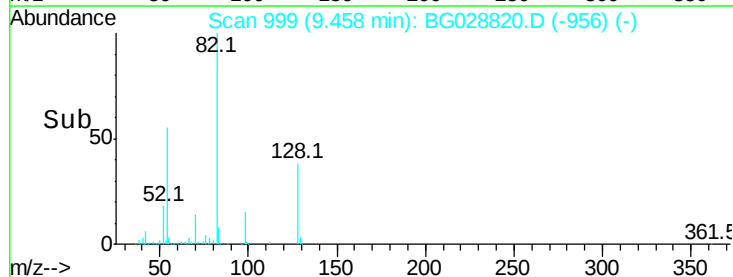
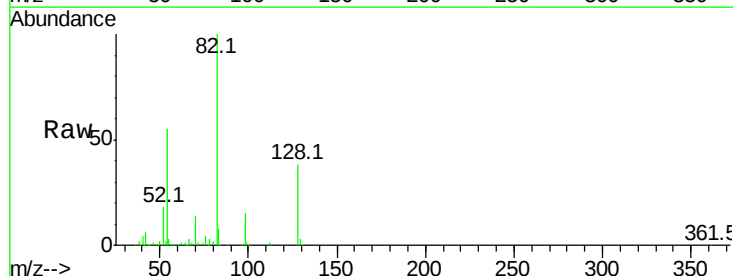
Instrument :
BNA_G
ClientSampleId :
TP-34D46

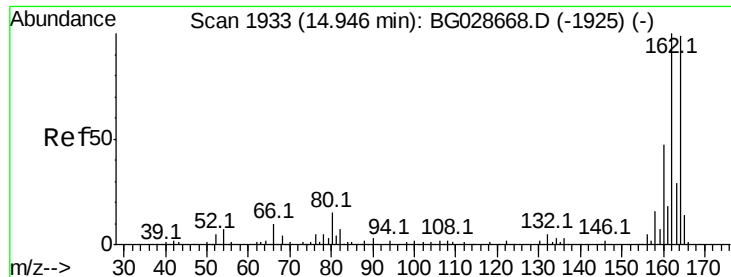
Tot Ion:	136	Resp:	119695
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.7	9.3	13.9
68	4.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 81.356 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:	82	Resp:	203563
Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	55.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1927

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

Instrument :

BNA_G

ClientSampleId :

TP-34D46

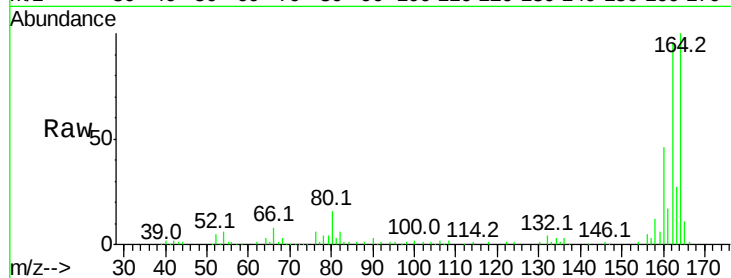
Tot Ion:164 Resp: 90623

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

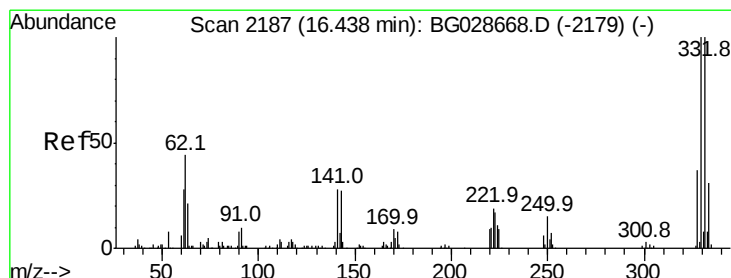
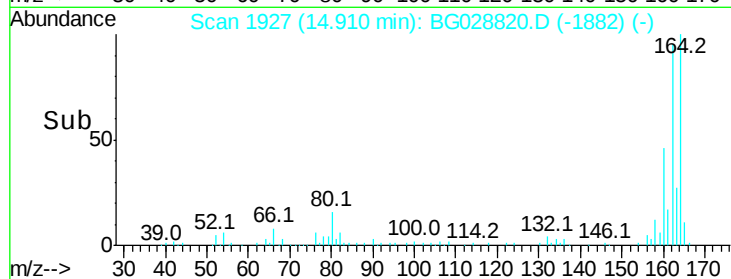
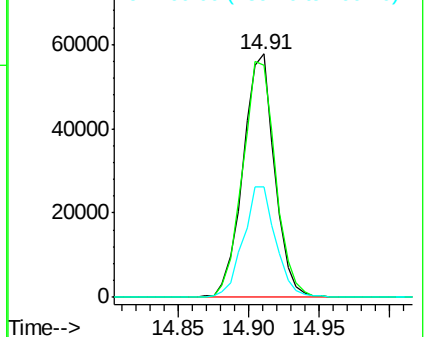
160 45.6 34.7 52.1



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: 142.627 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

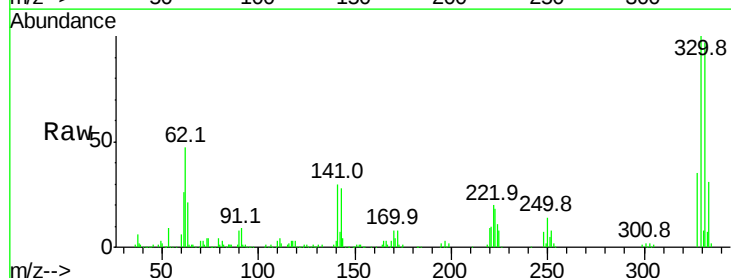
Tgt Ion:330 Resp: 213777

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

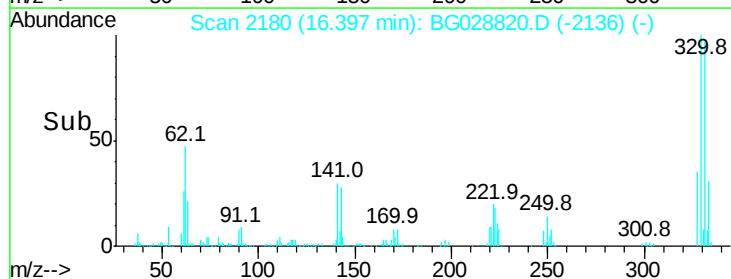
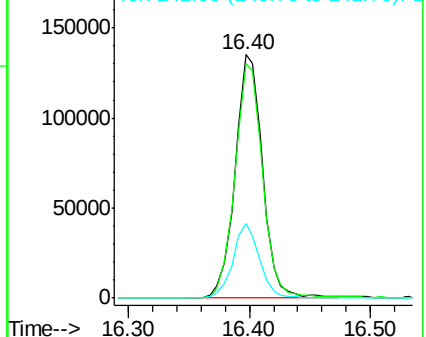
141 30.1 32.1 48.1#

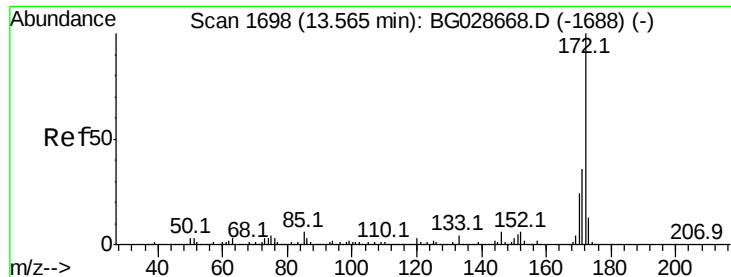


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

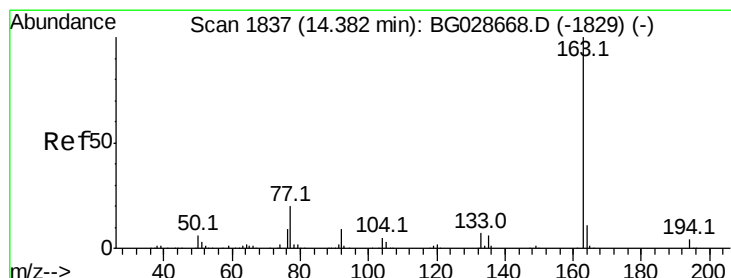
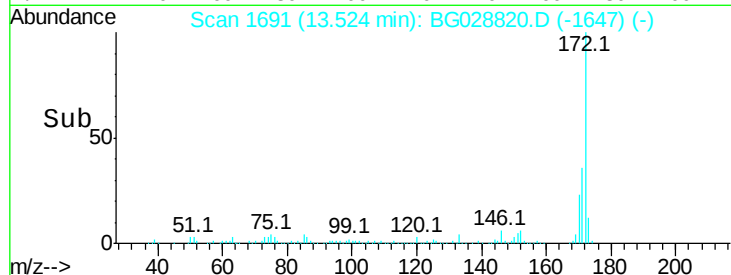
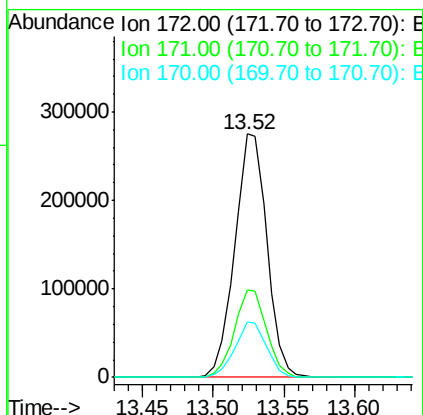
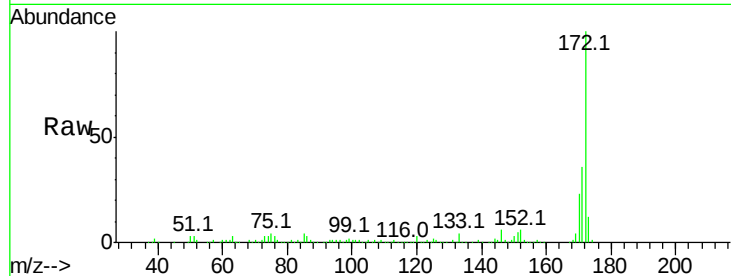




#44
2-Fluorobiphenyl
Concen: 64.295 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

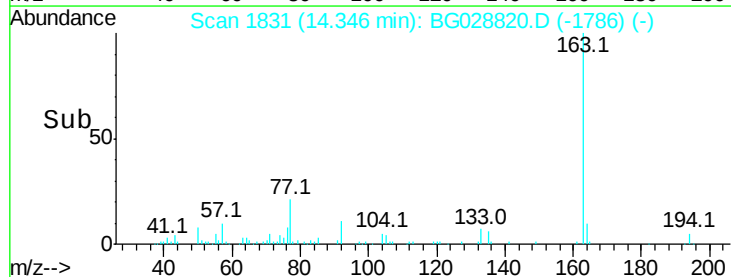
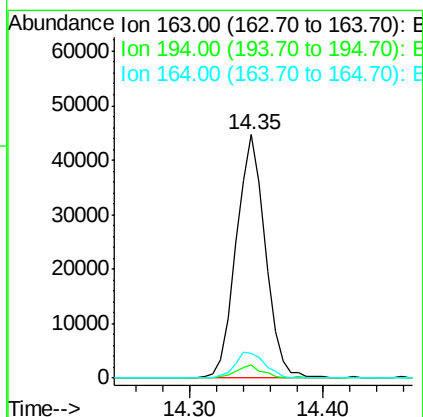
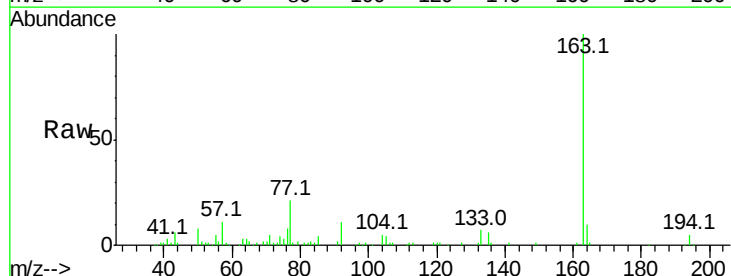
Instrument :
BNA_G
ClientSampleId :
TP-34D46

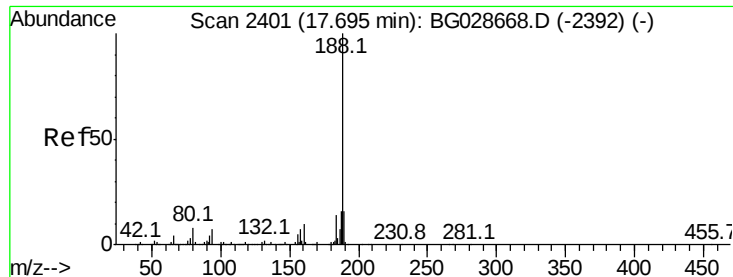
Tot Ion:172 Resp: 436965
Ion Ratio Lower Upper
172 100
171 35.7 32.2 48.2
170 22.6 21.8 32.6



#49
Dimethylphthalate
Concen: 8.867 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028820.D
Acq: 19 Sep 2017 7:40

Tgt Ion:163 Resp: 67385
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 10.2 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

Instrument :

BNA_G

ClientSampleId :

TP-34D46

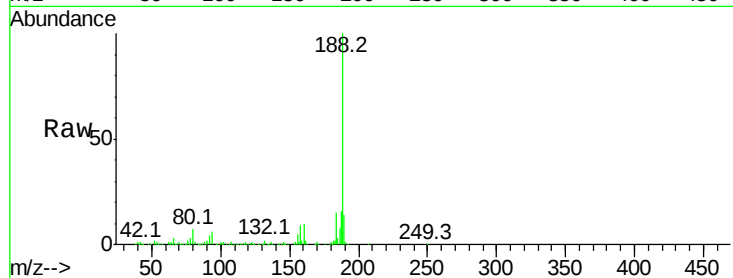
Tot Ion:188 Resp: 261444

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

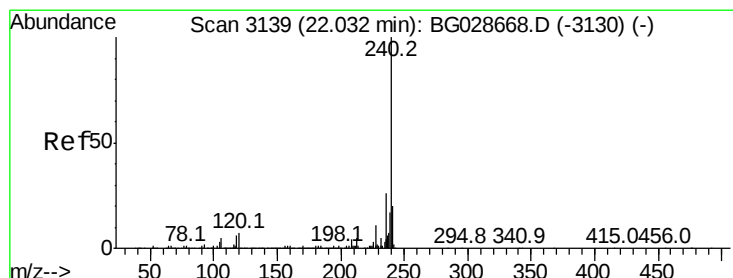
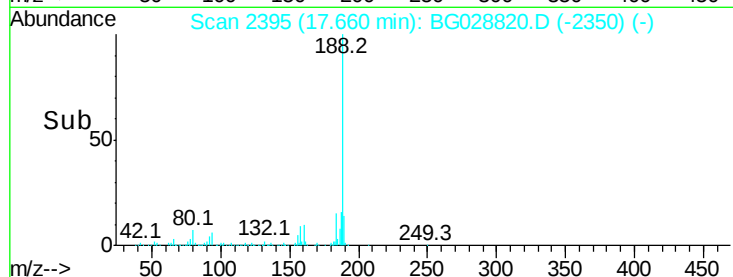
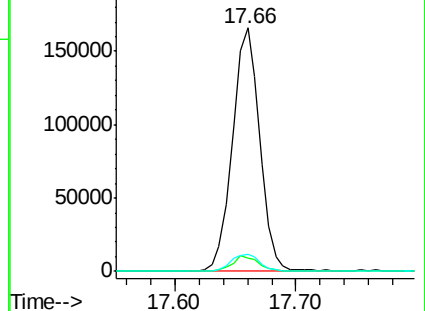
80 6.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

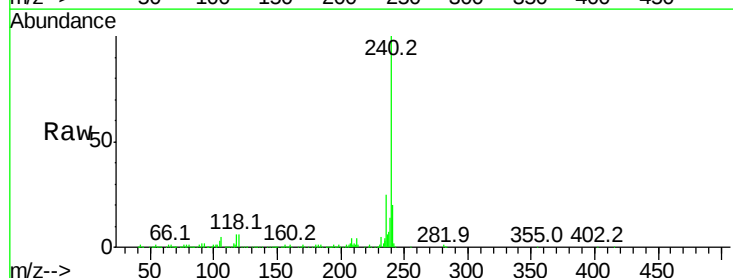
Tgt Ion:240 Resp: 291171

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

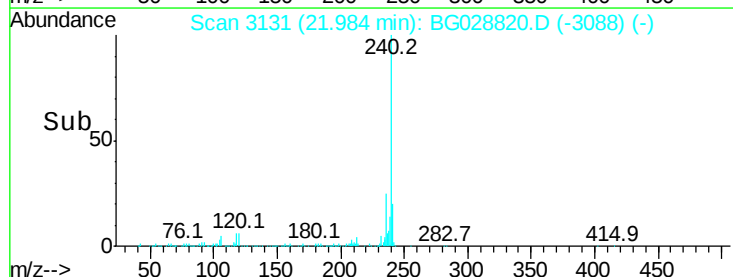
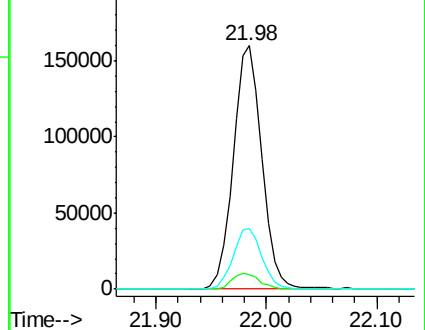
236 24.8 22.2 33.4

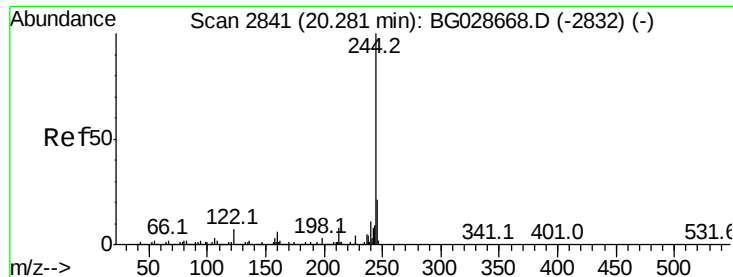


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.398 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

Instrument :

BNA_G

ClientSampleId :

TP-34D46

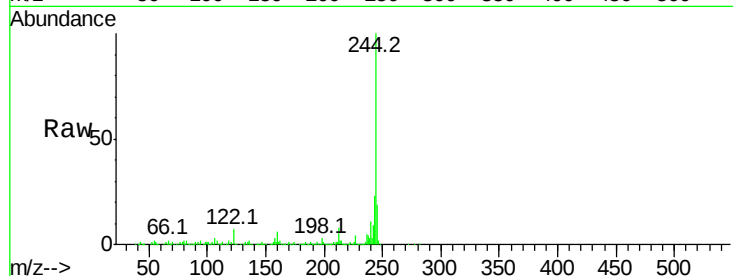
Tot Ion:244 Resp: 947527

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 6.7 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

20.25

800000

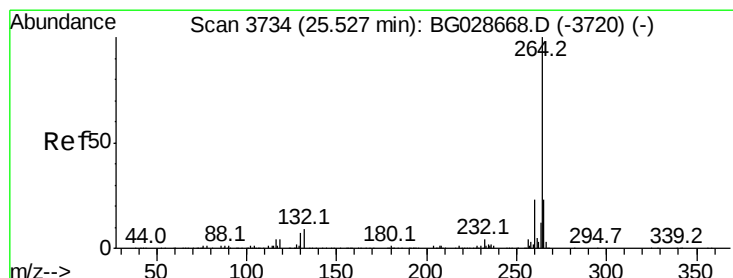
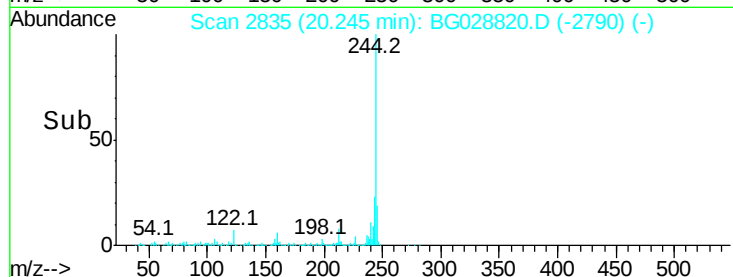
600000

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028820.D

Acq: 19 Sep 2017 7:40

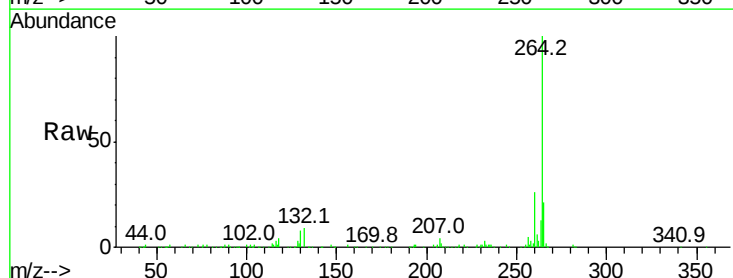
Tgt Ion:264 Resp: 302245

Ion Ratio Lower Upper

264 100

260 25.9 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

25.45

120000

100000

80000

60000

40000

20000

0

Time-->

