

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106352.D
 Acq On : 12 Jun 2018 18:43
 Operator : JU/SJ
 Sample : J3415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35COMP

Quant Time: Jun 13 02:30:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

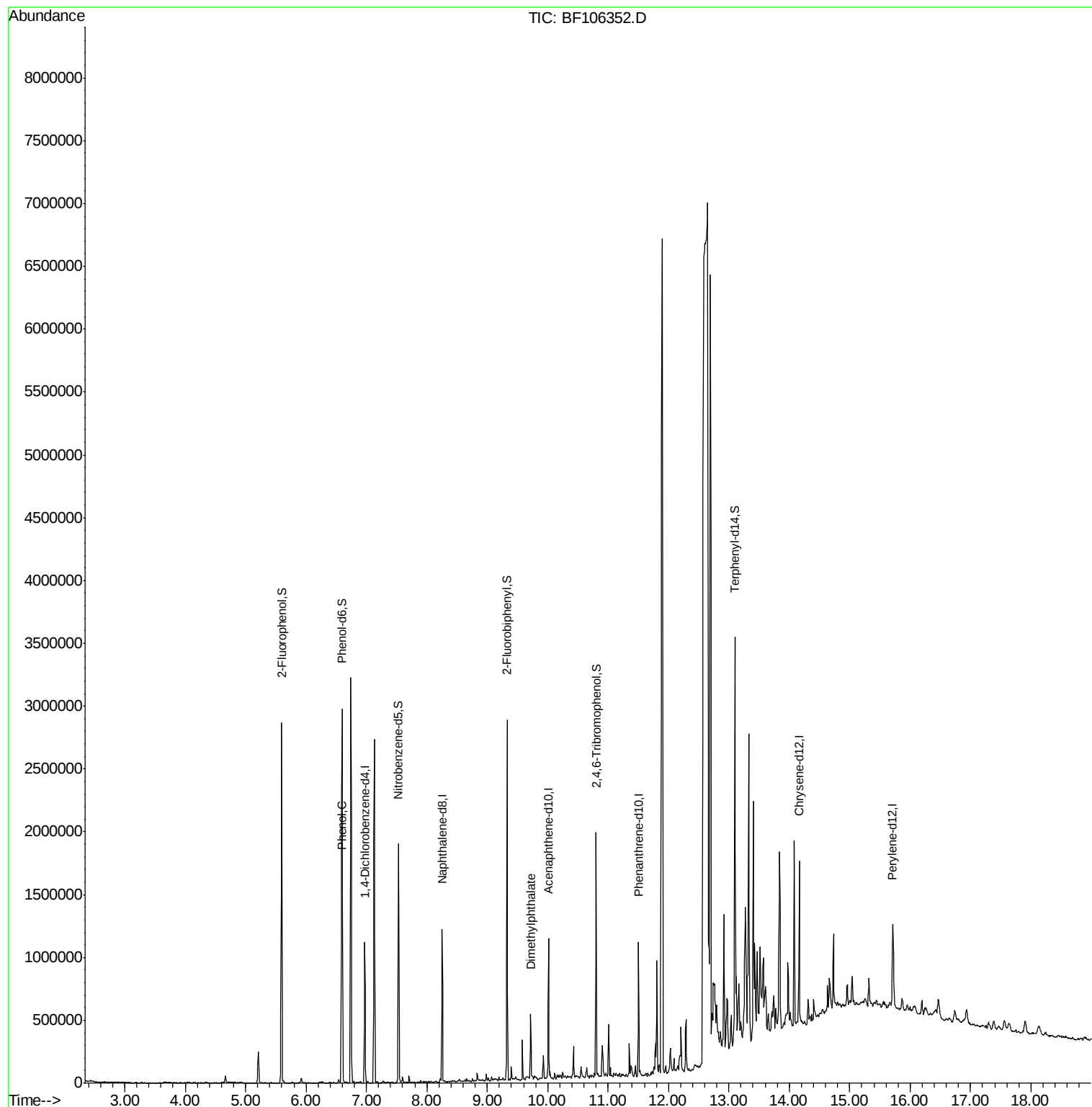
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141375	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	474157	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	194250	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	396530	20.00	ng	0.00
75) Chrysene-d12	14.17	240	445482	20.00	ng	0.00
86) Perylene-d12	15.71	264	316754	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	850629	101.83	ng	0.02
7) Phenol-d6	6.60	99	991717	93.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	629992	78.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	229490	122.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	871809	77.46	ng	0.00
78) Terphenyl-d14	13.10	244	1061019	59.16	ng	0.01
Target Compounds						
10) Phenol	6.61	94	27402	2.378	ng	98
49) Dimethylphthalate	9.72	163	149769	10.792	ng	99

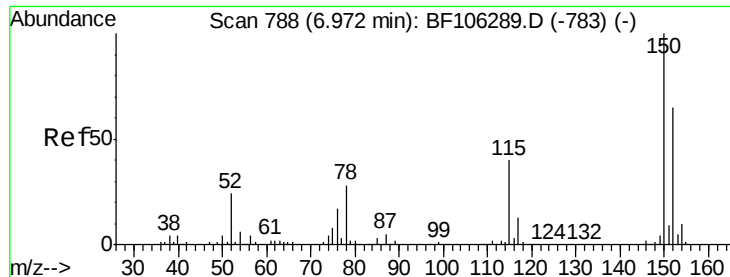
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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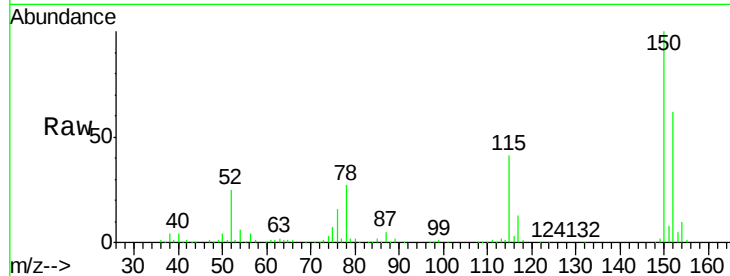


#1

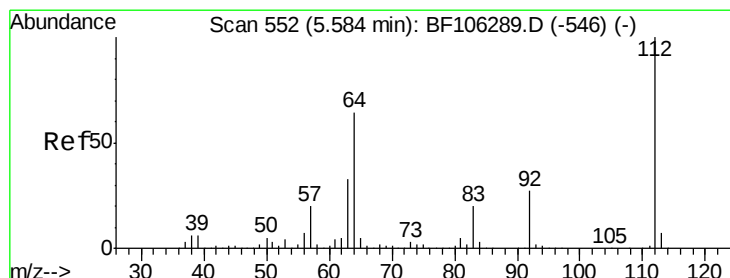
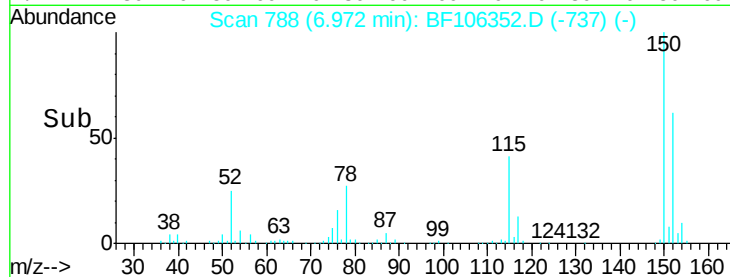
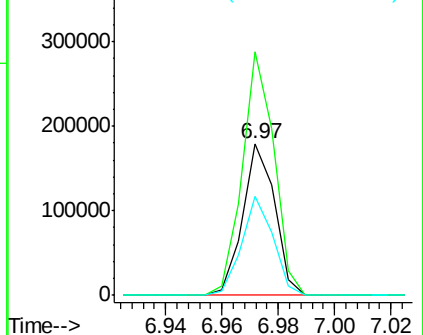
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :
SB-35COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.3	50.1	75.1



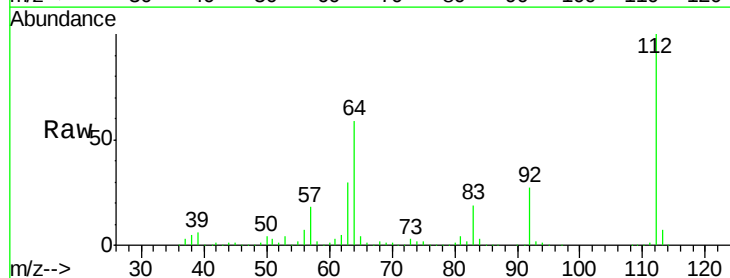
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



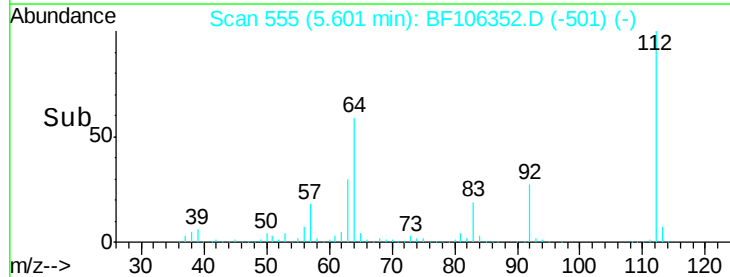
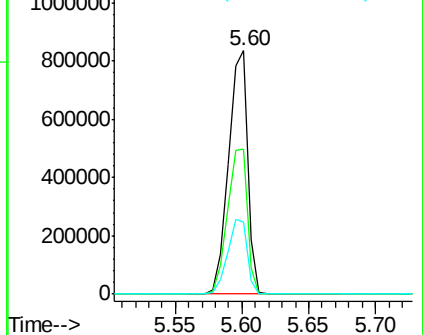
#5

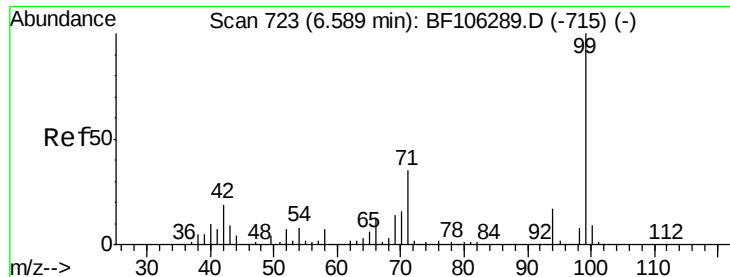
2-Fluorophenol
Concen: 101.835 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.972 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Instrument :

BNA_F

ClientSampleId :

SB-35COMP

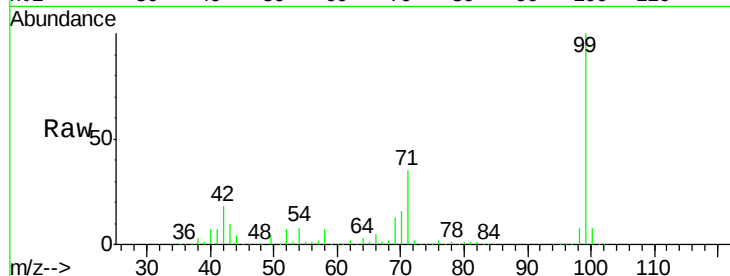
Tot Ion: 99 Resp: 991717

Ion Ratio Lower Upper

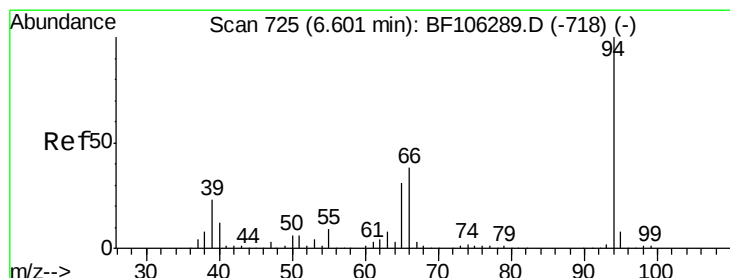
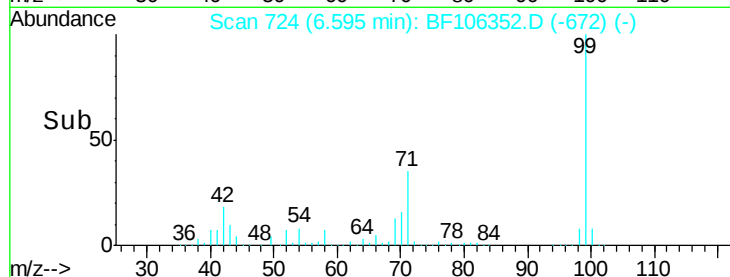
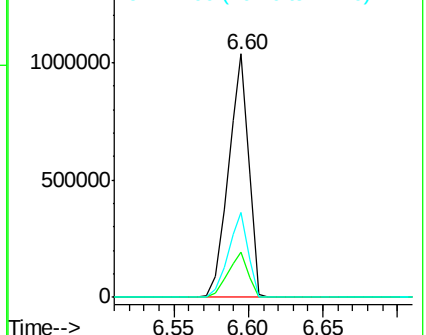
99 100

42 18.5 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.378 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

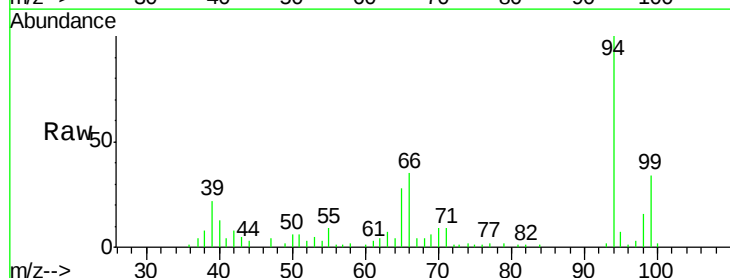
Tgt Ion: 94 Resp: 27402

Ion Ratio Lower Upper

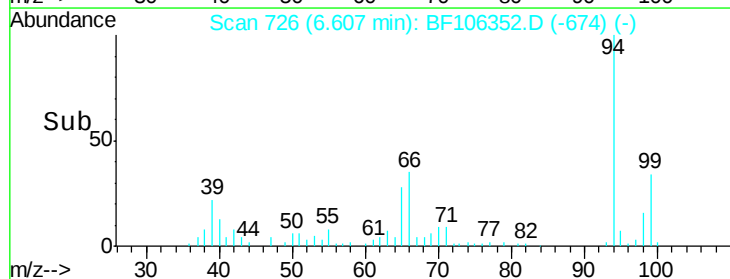
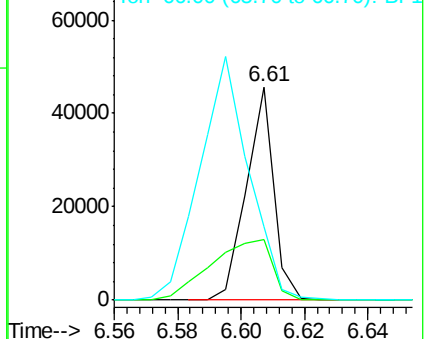
94 100

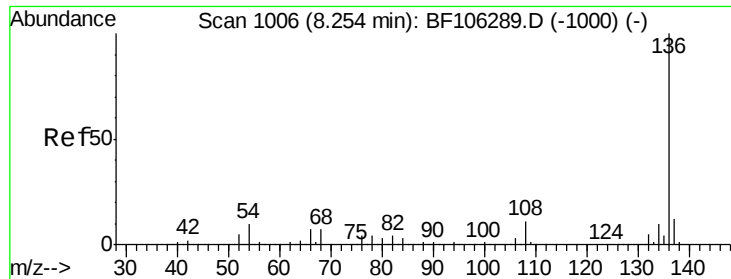
65 28.4 7.9 47.9

66 34.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

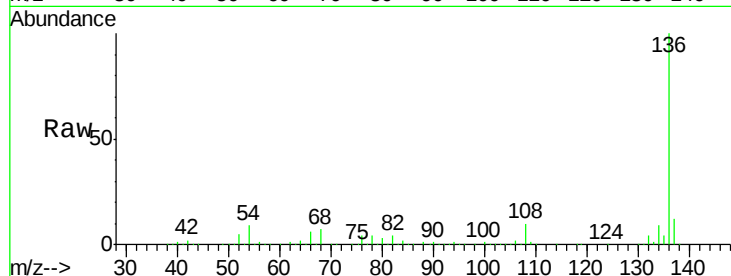




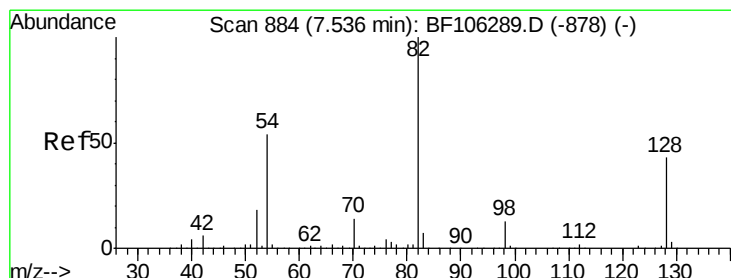
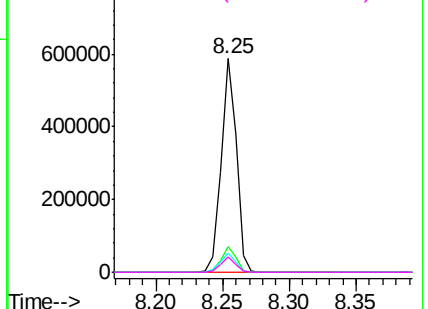
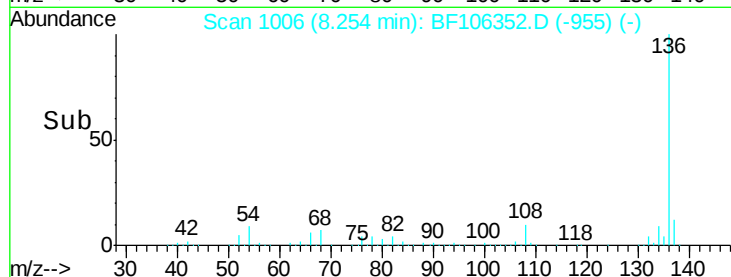
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :
SB-35COMP

Tot Ion:136 Resp: 474157
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 8.9 6.6 9.8
68 7.1 5.0 7.4

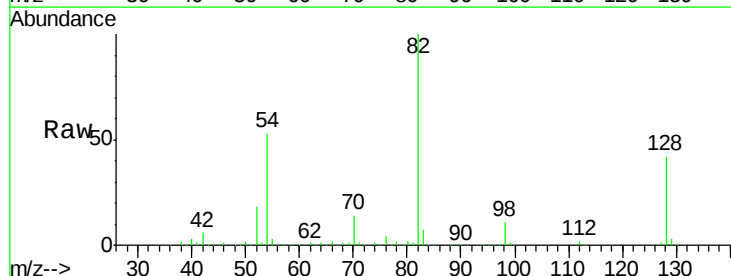


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

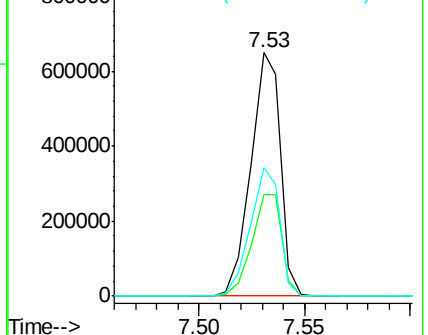
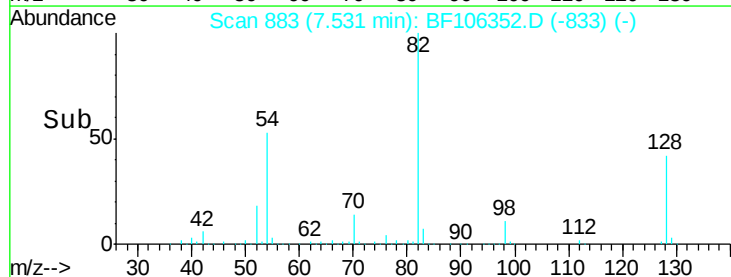


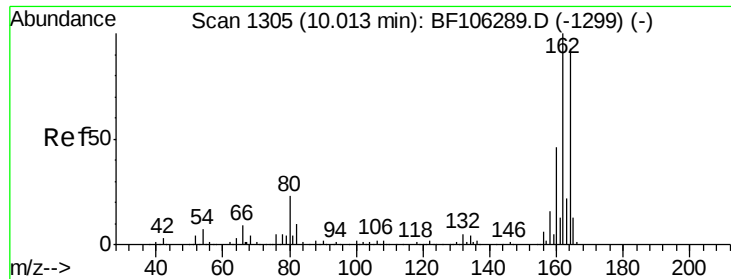
#23
Nitrobenzene-d5
Concen: 78.163 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion: 82 Resp: 629992
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 52.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

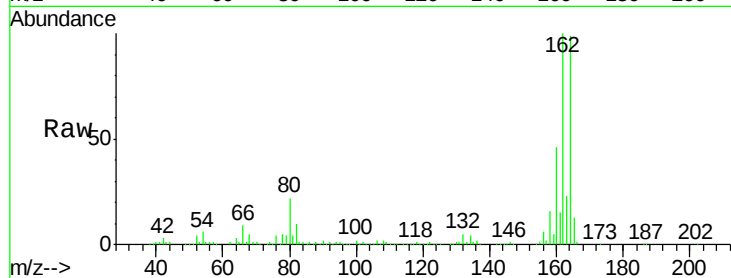




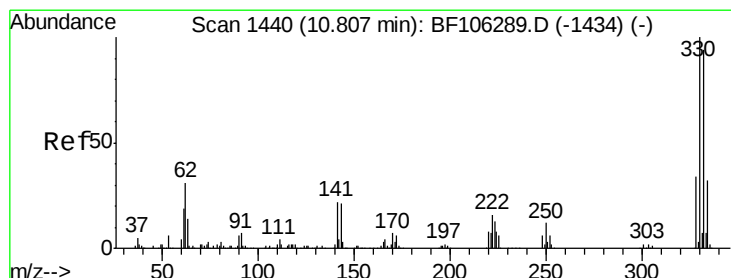
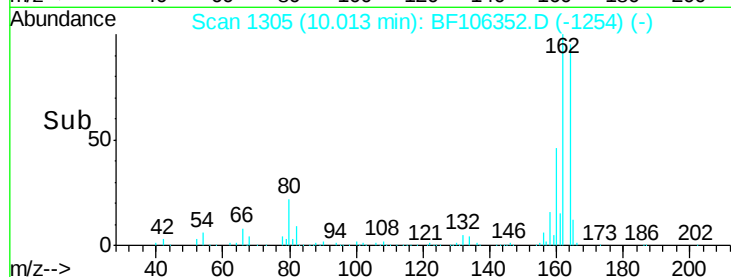
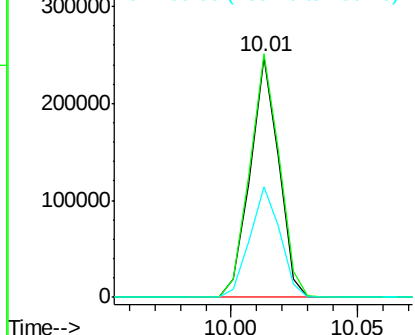
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Instrument :
BNA_F
ClientSampleId :
SB-35COMP

Tot Ion:164 Resp: 194250
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.2 38.3 57.5

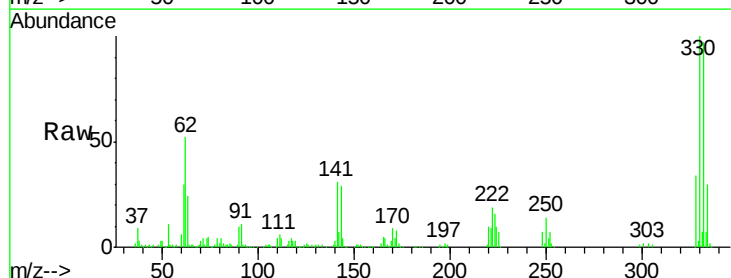


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

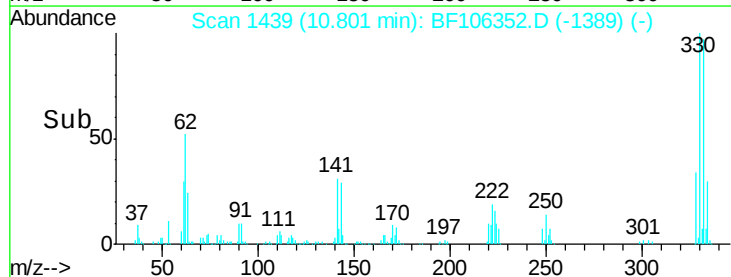
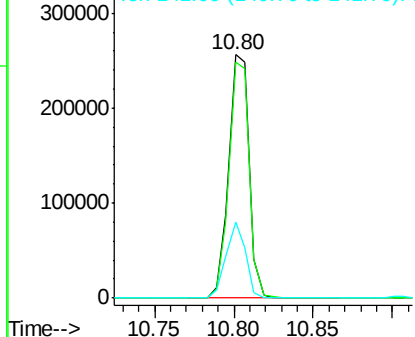


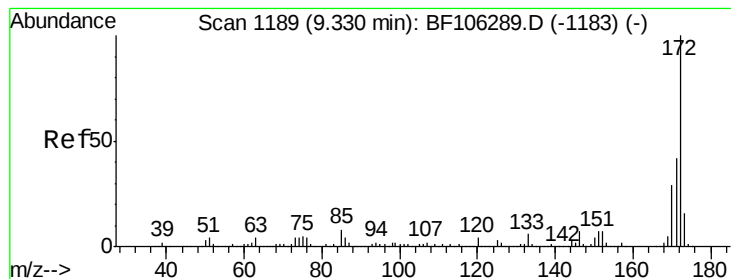
#41
2,4,6-Tribromophenol
Concen: 122.786 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106352.D
Acq: 12 Jun 2018 18:43

Tgt Ion:330 Resp: 229490
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 30.7 29.9 44.9



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: 77.461 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Instrument :

BNA_F

ClientSampleId :

SB-35COMP

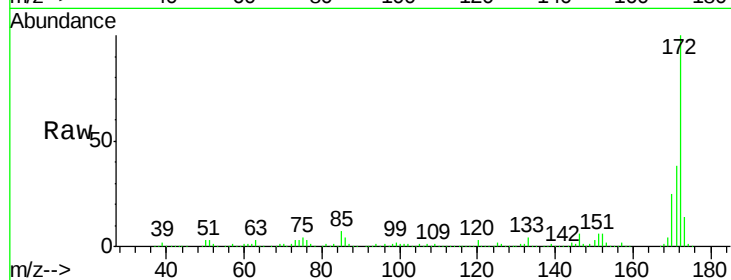
Tot Ion:172 Resp: 871809

Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

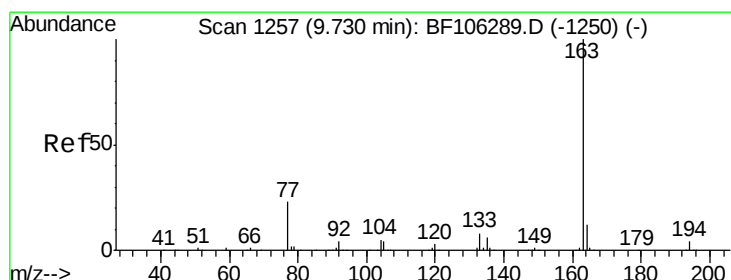
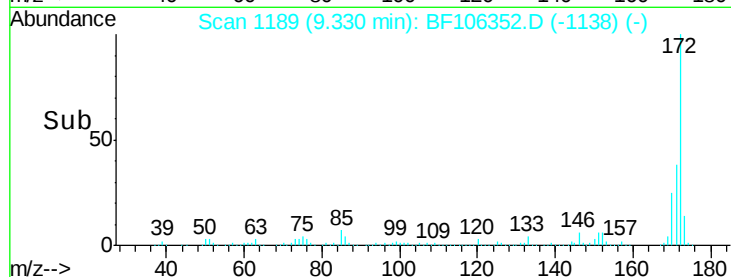
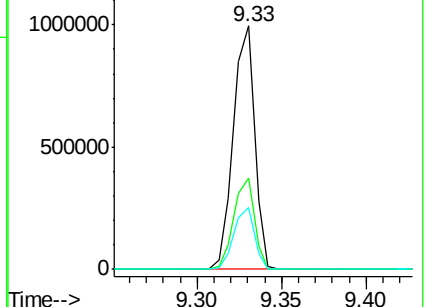
170 25.2 19.6 29.4



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



#49

Dimethylphthalate

Concen: 10.792 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

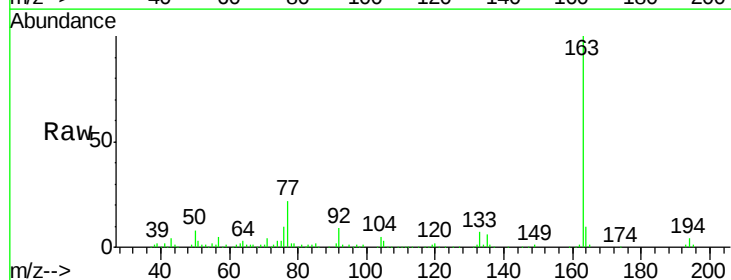
Tgt Ion:163 Resp: 149769

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

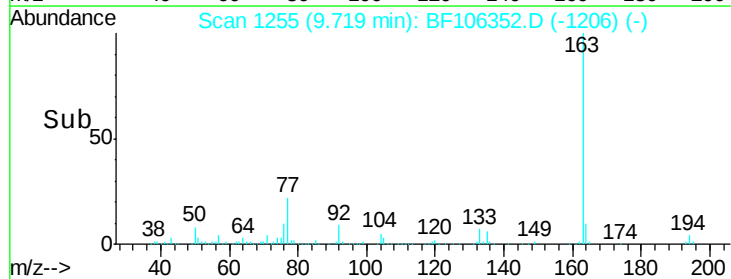
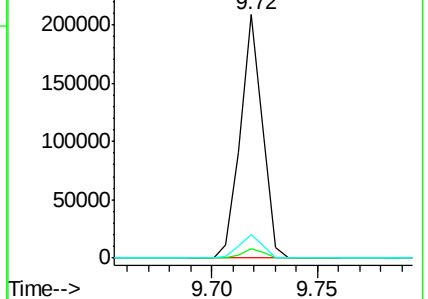
164 9.9 8.2 12.2

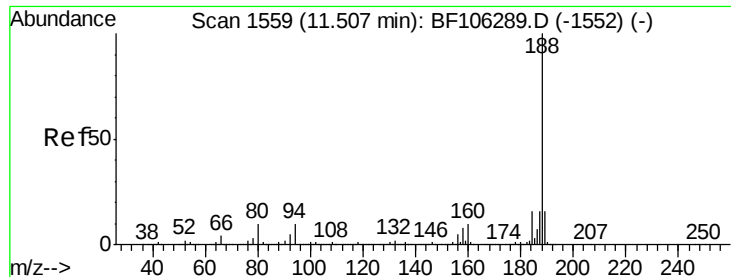


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Instrument :

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ClientSampleId :

SB-35COMP

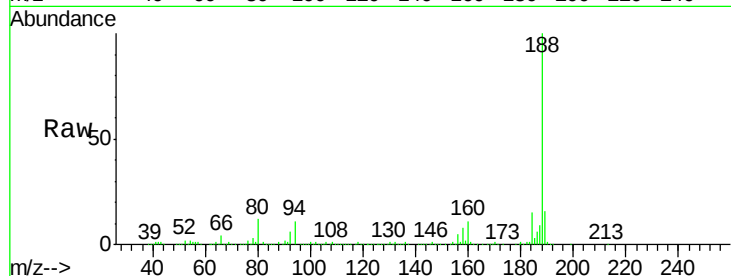
Tot Ion:188 Resp: 396530

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

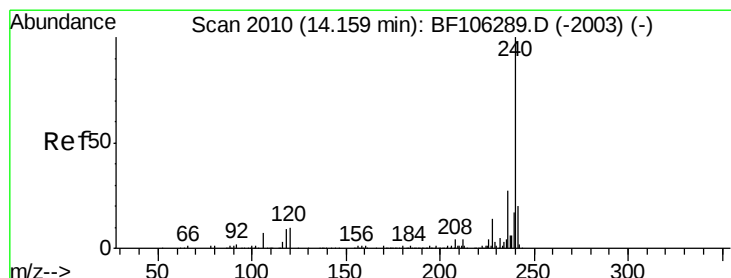
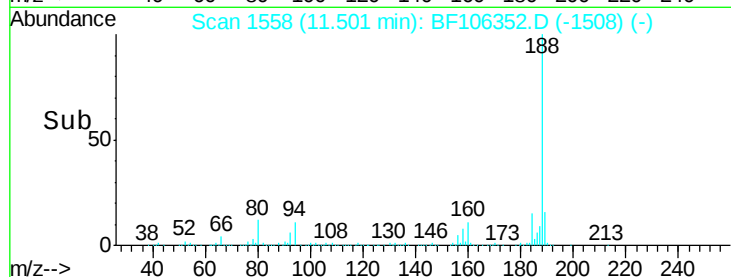
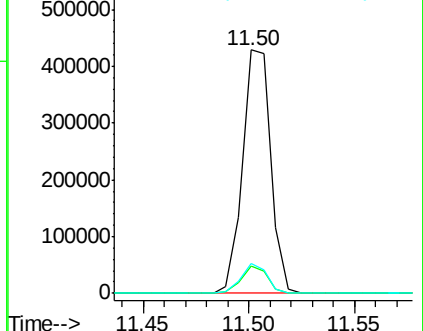
80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

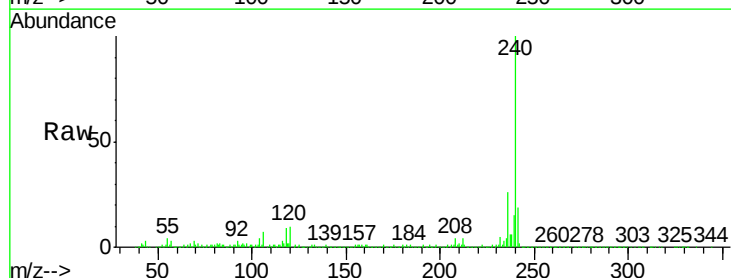
Tgt Ion:240 Resp: 445482

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

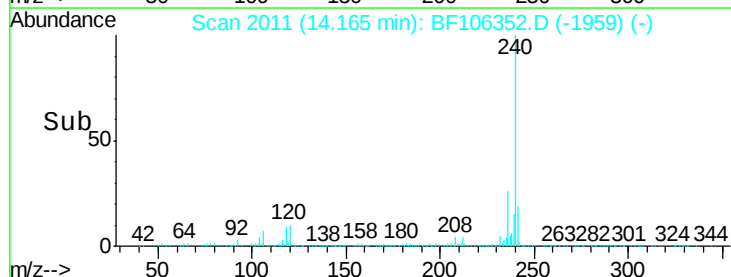
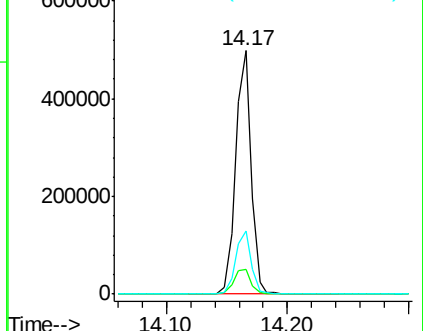
236 26.0 20.7 31.1

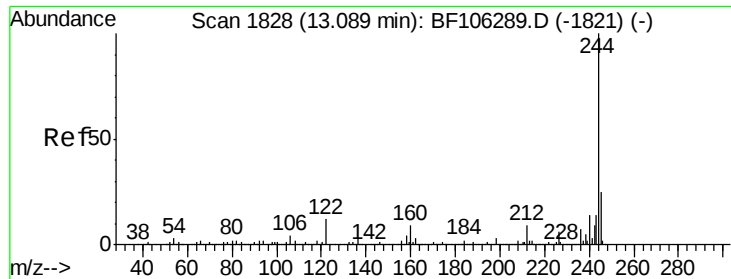


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.157 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

Instrument :

BNA_F

ClientSampleId :

SB-35COMP

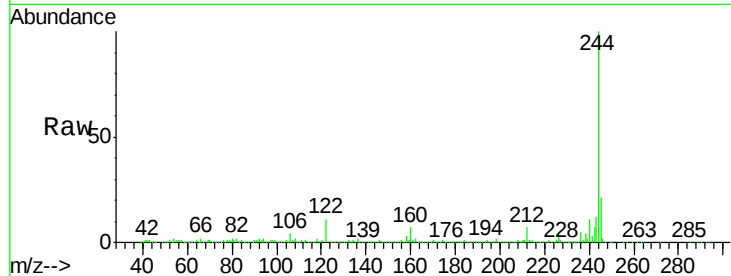
Tot Ion:244 Resp: 1061019

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.7 11.0 16.4#



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

13.10

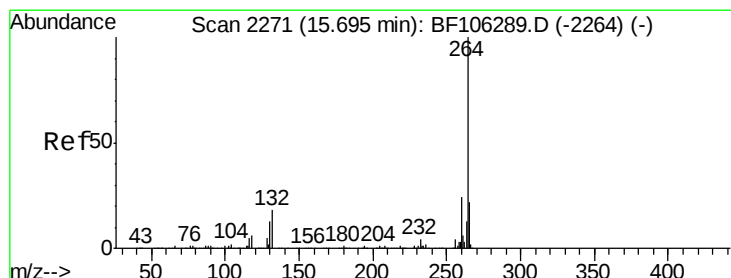
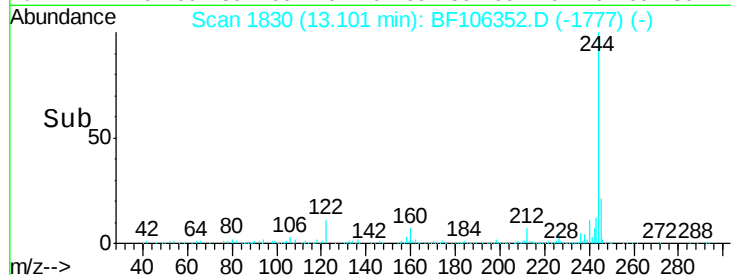
1000000

500000

0

Time-->

13.05 13.10 13.15



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF106352.D

Acq: 12 Jun 2018 18:43

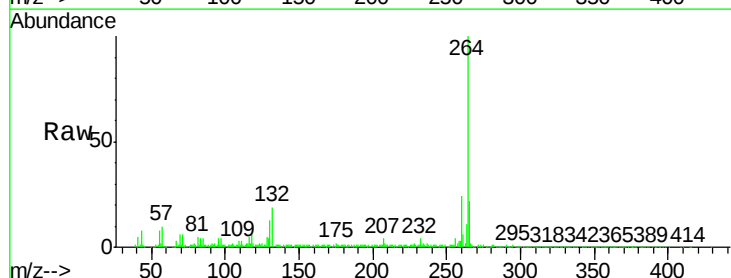
Tgt Ion:264 Resp: 316754

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.4 17.5 26.3



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

15.71

300000

200000

100000

0

Time-->

15.65 15.70 15.75 15.80

