

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102618\
 Data File : BF110217.D
 Acq On : 26 Oct 2018 18:42
 Operator : JU/SJ
 Sample : J5624-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-02B

Quant Time: Oct 27 00:13:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

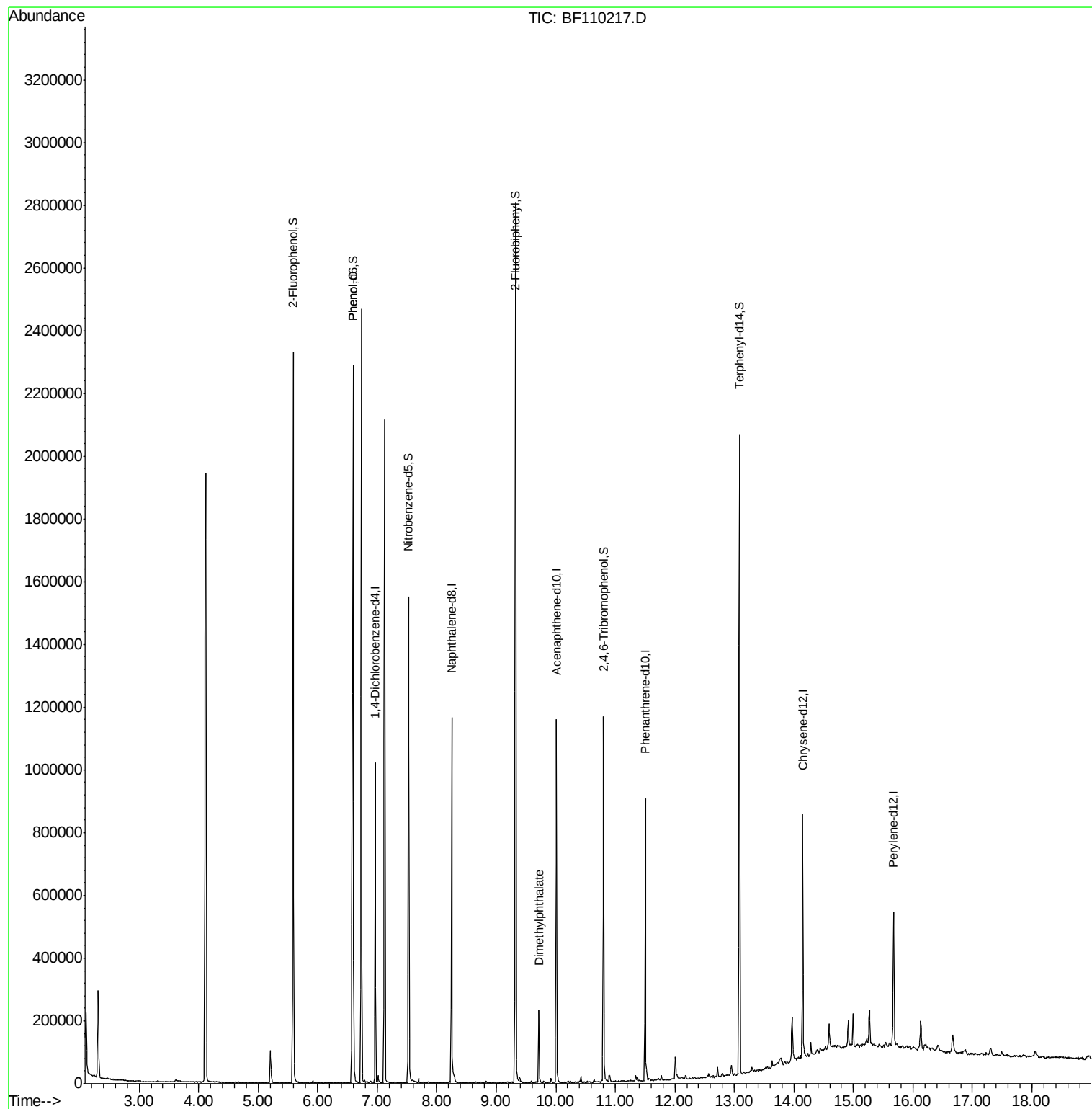
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143882	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	545646	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	212689	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	315949	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	243586	20.00	ng	-0.01
87) Perylene-d12	15.68	264	163198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	656278	74.28	ng	0.00
7) Phenol-d6	6.59	99	844064	74.69	ng	-0.01
23) Nitrobenzene-d5	7.53	82	510922	55.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	126546	60.06	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	903030	66.67	ng	-0.02
79) Terphenyl-d14	13.09	244	630178	53.80	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	112404	9.305	ng	Qvalue # 71
50) Dimethylphthalate	9.72	163	96561	6.150	ng	99

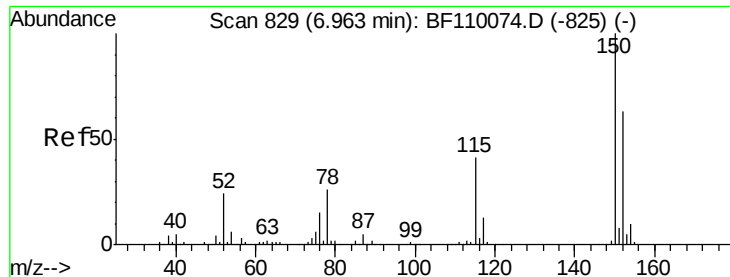
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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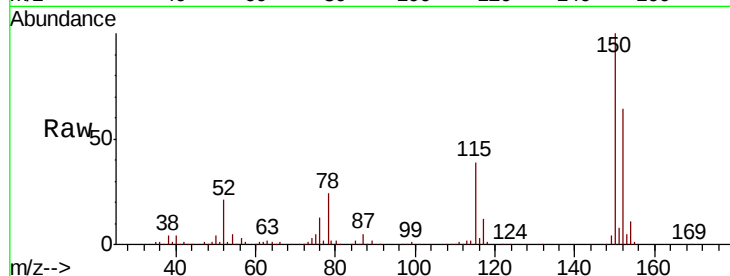


#1

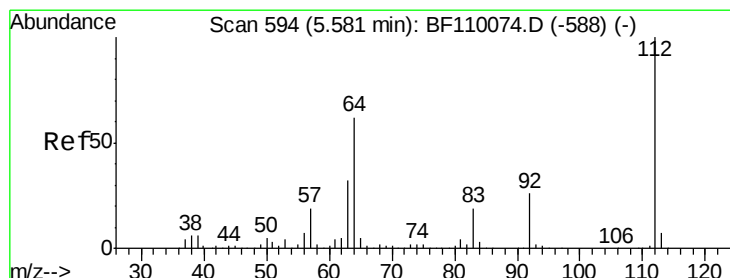
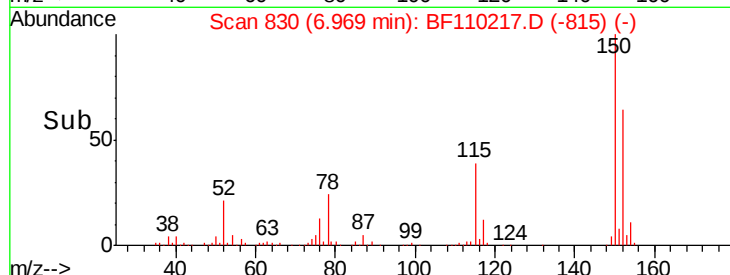
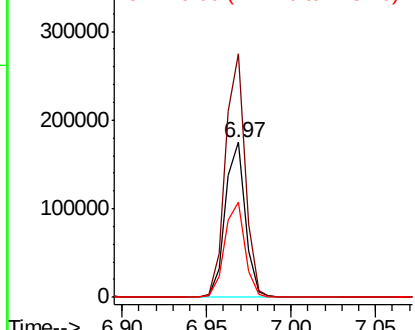
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110217.D
Acq: 26 Oct 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PA-SB-02B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.3	49.1	73.7



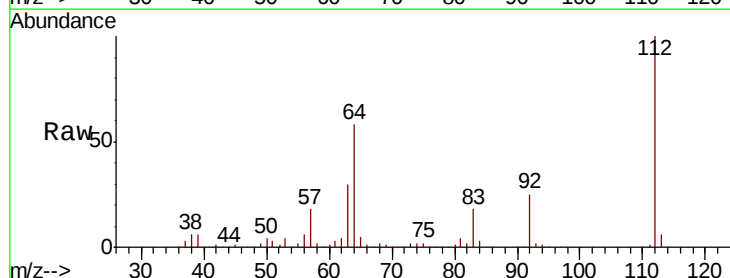
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



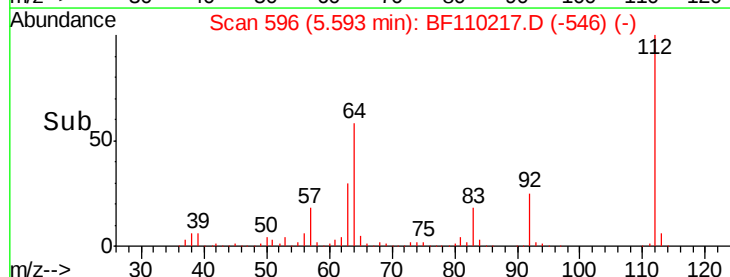
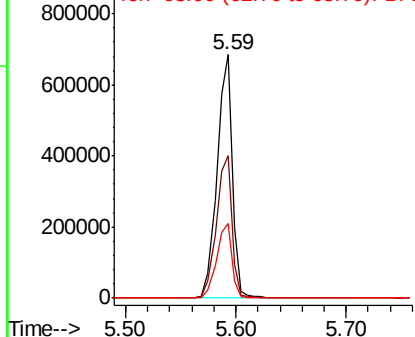
#5

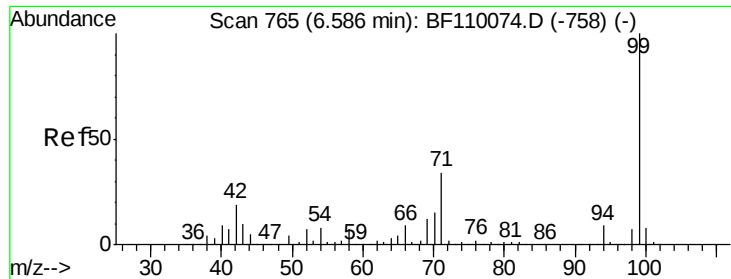
2-Fluorophenol
Concen: 74.277 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110217.D
Acq: 26 Oct 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	30.5	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: 74.687 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PA-SB-02B

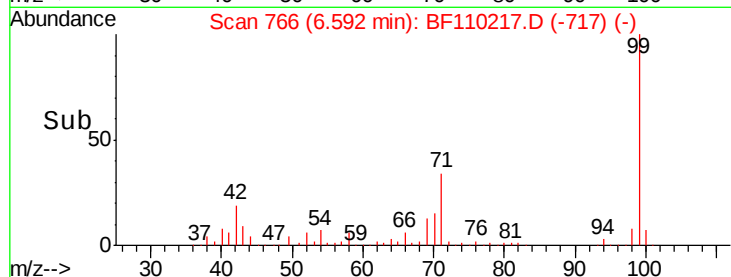
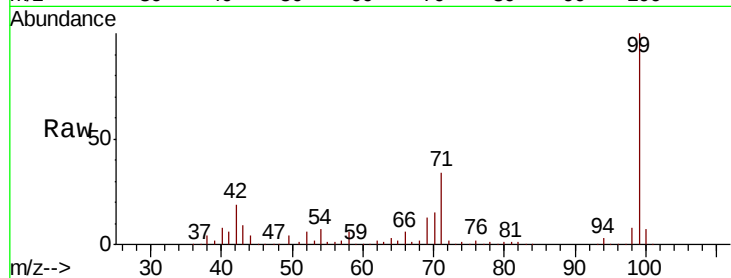
Tgt Ion: 99 Resp: 844064

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

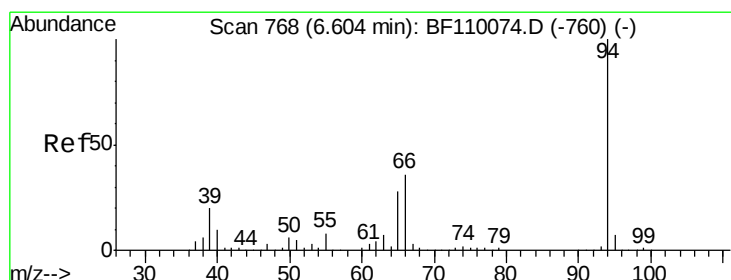
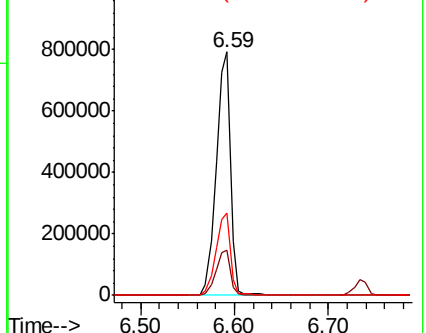
71 33.6 28.0 42.0



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: 9.305 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

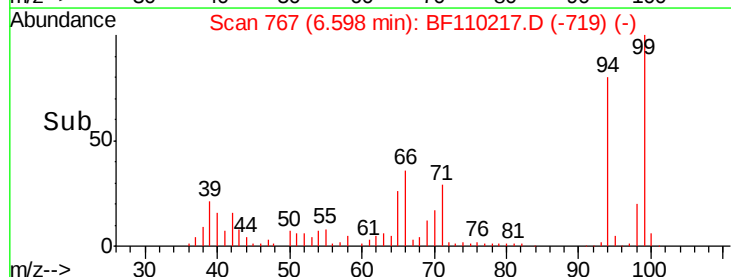
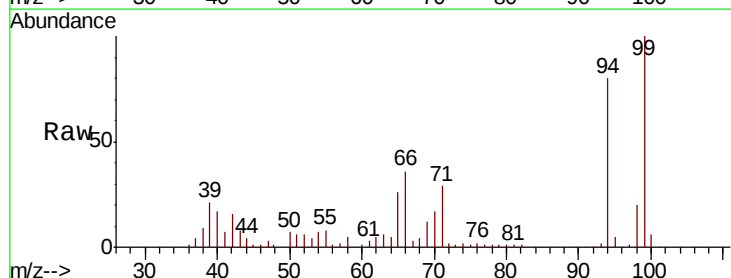
Tgt Ion: 94 Resp: 112404

Ion Ratio Lower Upper

94 100

65 32.7 25.3 65.3

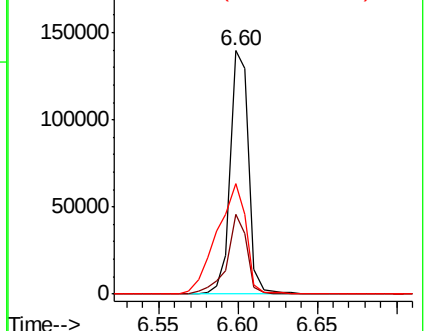
66 45.5 54.5 94.5#

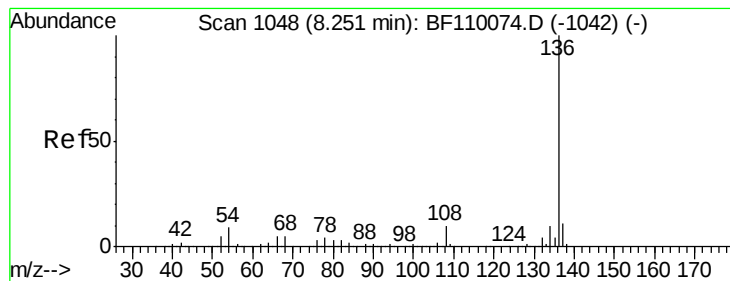


Abundance Ion 94.00 (93.70 to 94.70): BF1

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# 1048

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PA-SB-02B

Tgt Ion:136 Resp: 545646

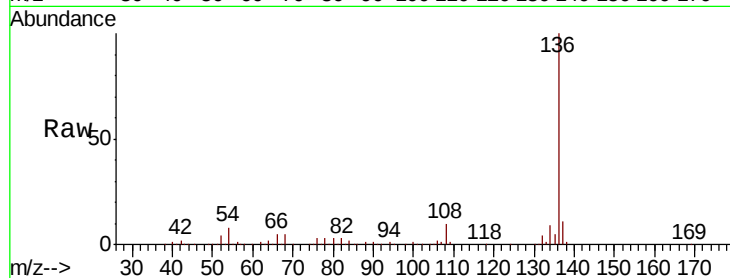
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 5.4 8.2

68 5.1 4.2 6.2

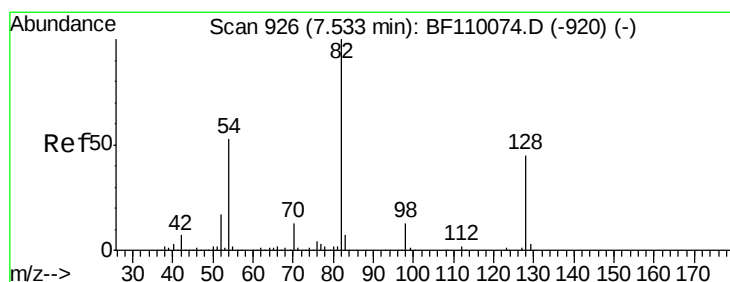
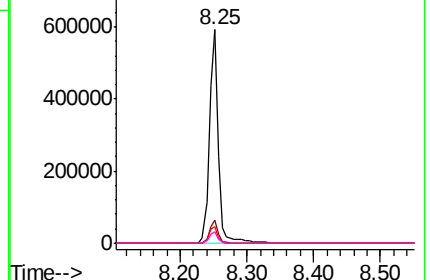
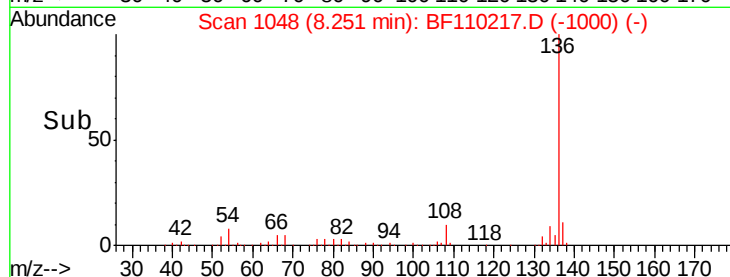


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.539 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

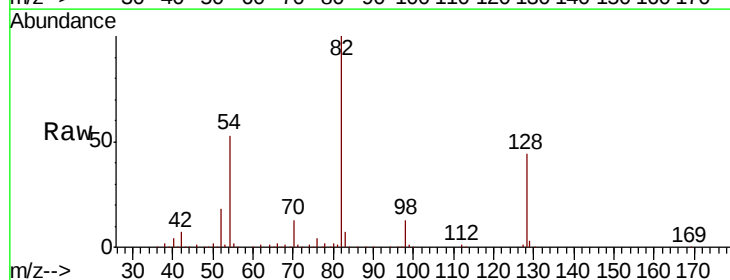
Tgt Ion: 82 Resp: 510922

Ion Ratio Lower Upper

82 100

128 44.2 34.2 51.2

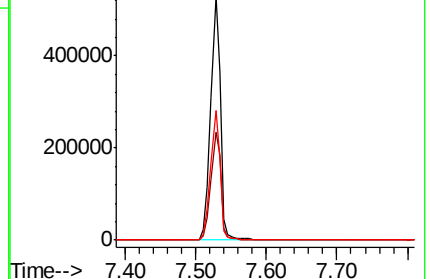
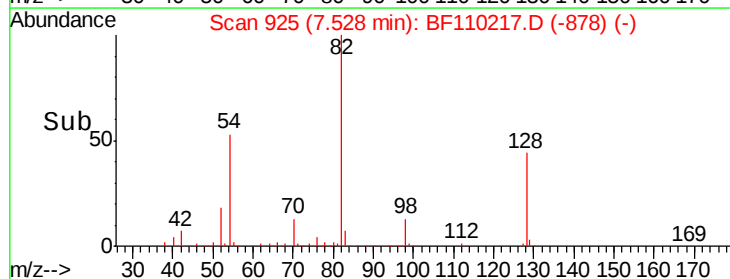
54 53.3 38.6 58.0

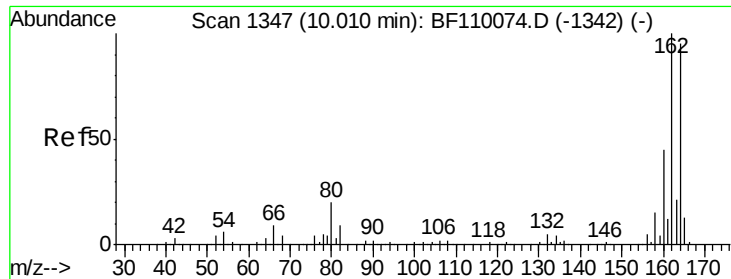


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PA-SB-02B

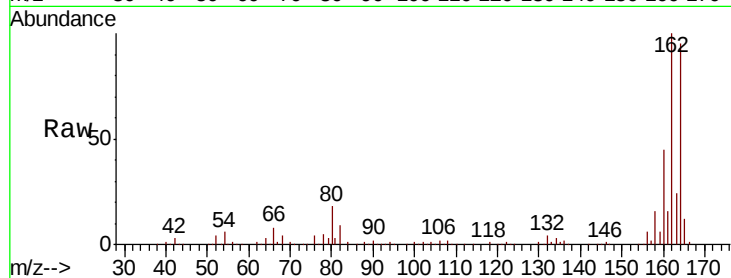
Tgt Ion:164 Resp: 212689

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

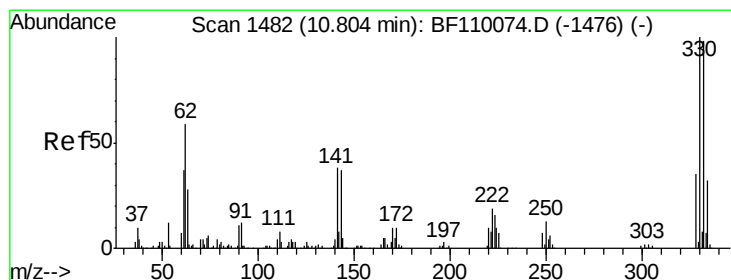
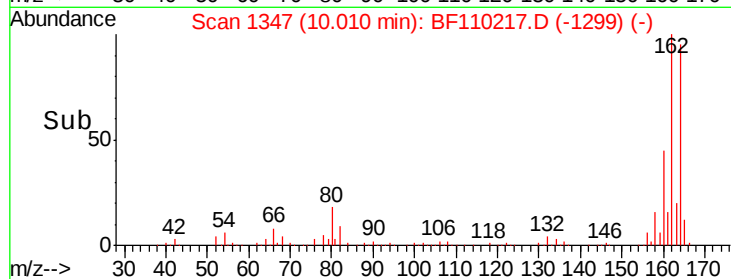
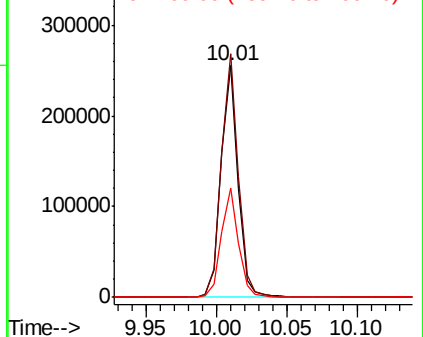
160 47.1 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 60.065 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

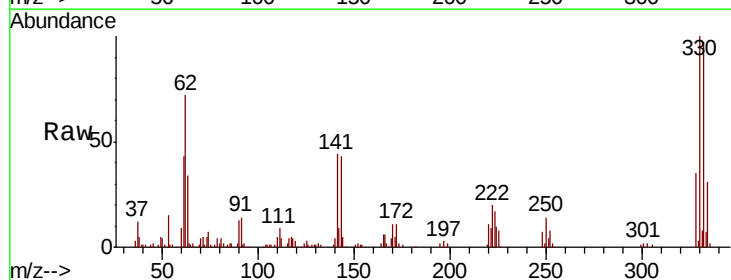
Tgt Ion:330 Resp: 126546

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

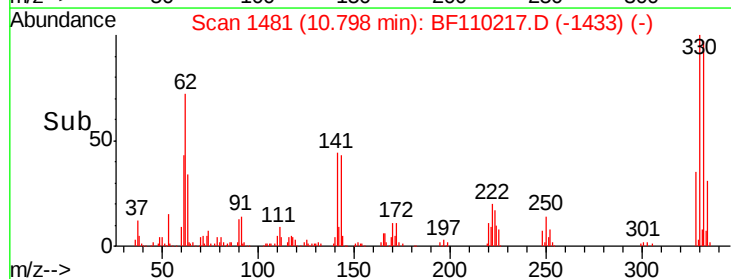
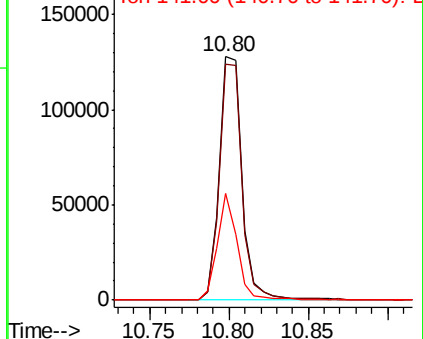
141 38.3 27.0 40.4

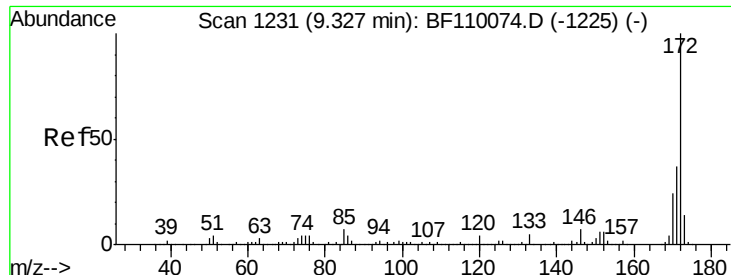


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

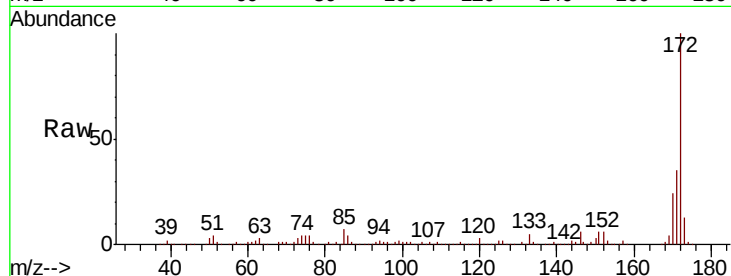




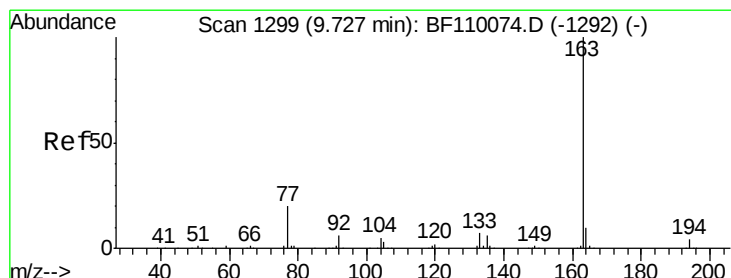
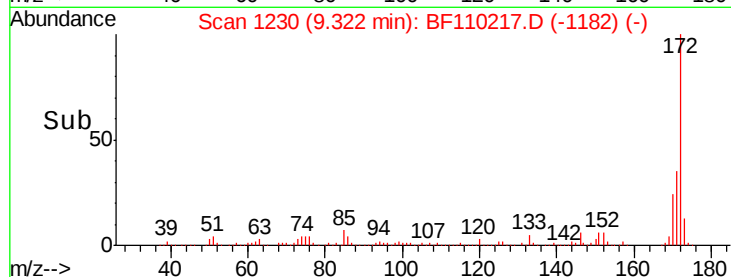
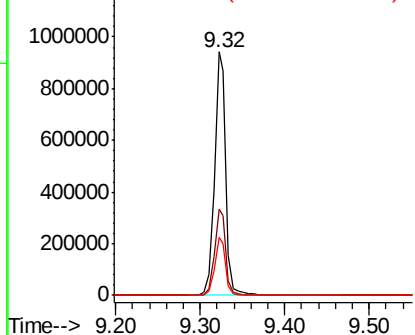
#45
2-Fluorobiphenyl
Concen: 66.670 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110217.D
Acq: 26 Oct 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PA-SB-02B

Tgt Ion:172 Resp: 903030
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.7 29.5

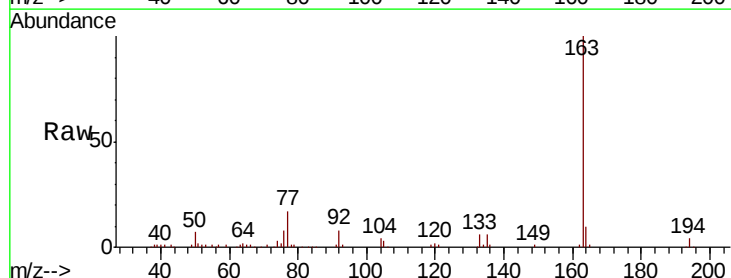


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

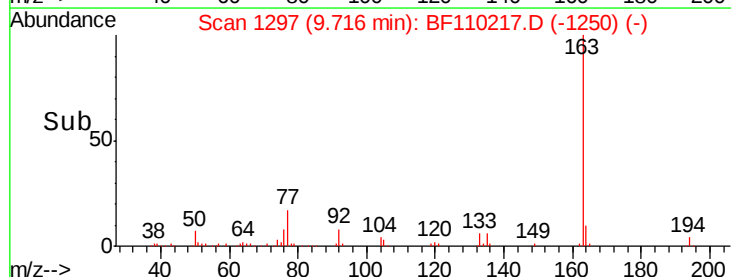
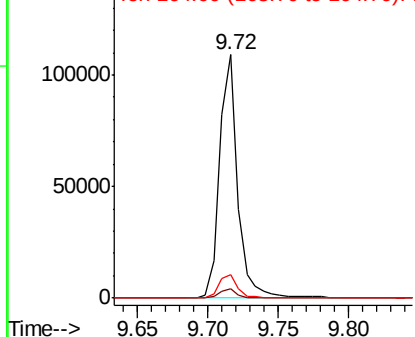


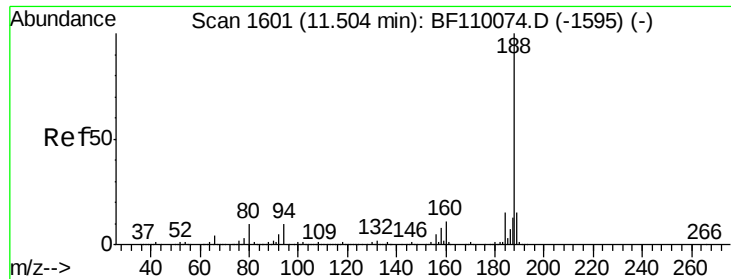
#50
Dimethylphthalate
Concen: 6.150 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110217.D
Acq: 26 Oct 2018 18:42

Tgt Ion:163 Resp: 96561
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.7 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PA-SB-02B

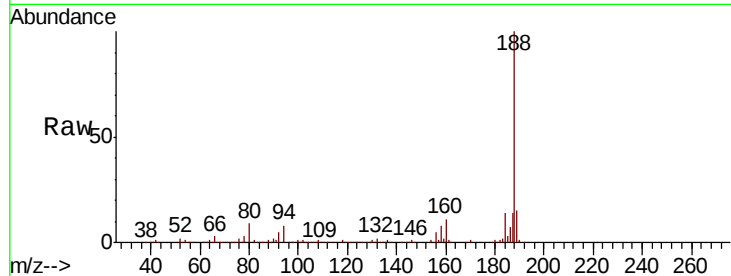
Tgt Ion:188 Resp: 315949

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.1 7.9 11.9

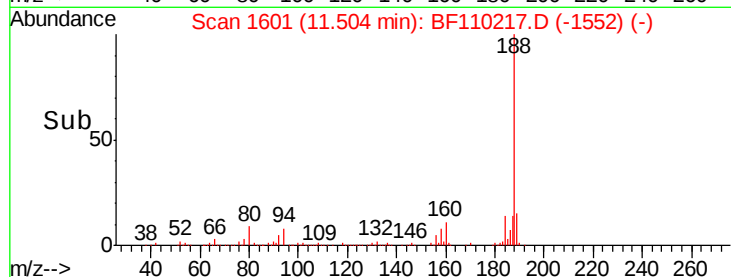


Abundance Ion 188.00 (187.70 to 188.70): E

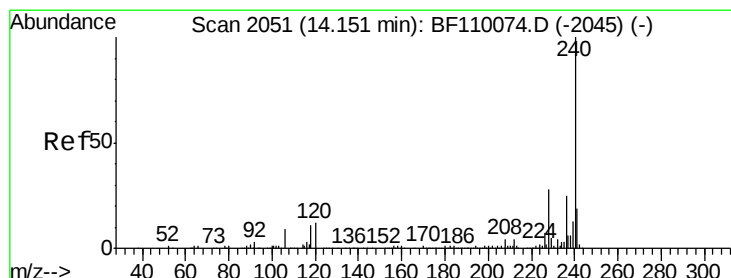
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

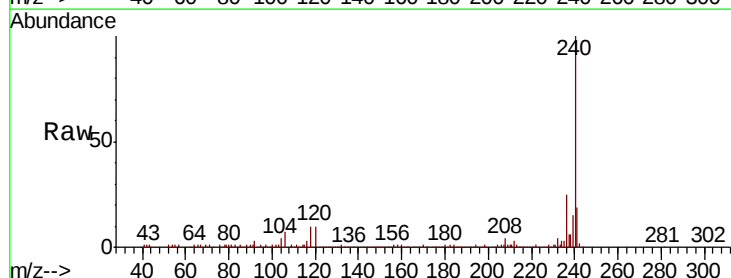
Tgt Ion:240 Resp: 243586

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

236 25.4 21.2 31.8

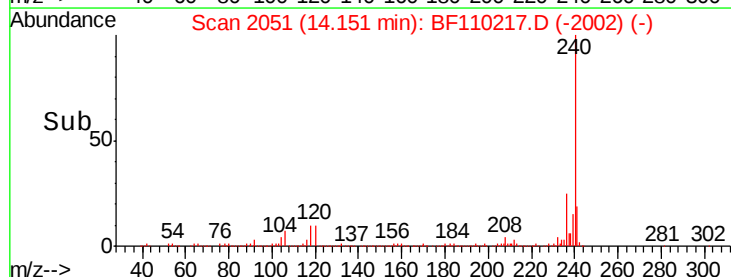


Abundance Ion 240.00 (239.70 to 240.70): E

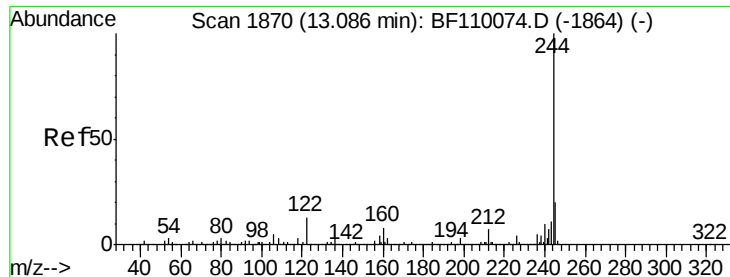
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 53.804 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

Instrument :

BNA_F

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PA-SB-02B

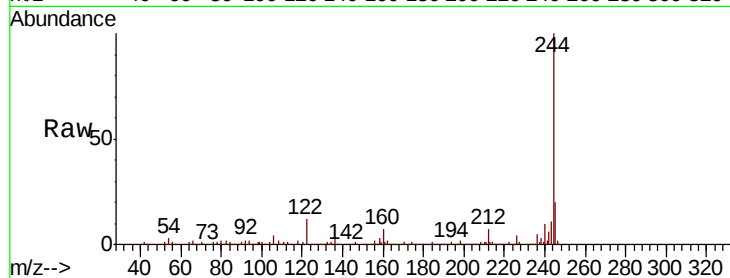
Tgt Ion:244 Resp: 630178

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 11.9 8.7 13.1



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

1000000

800000

600000

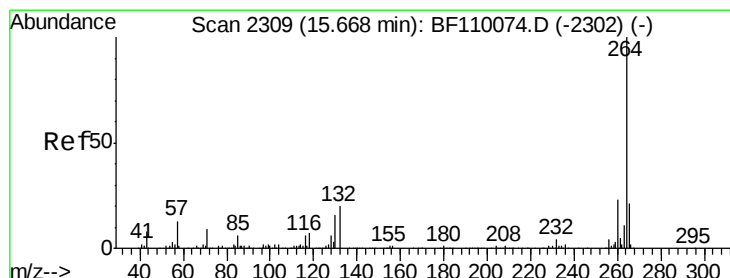
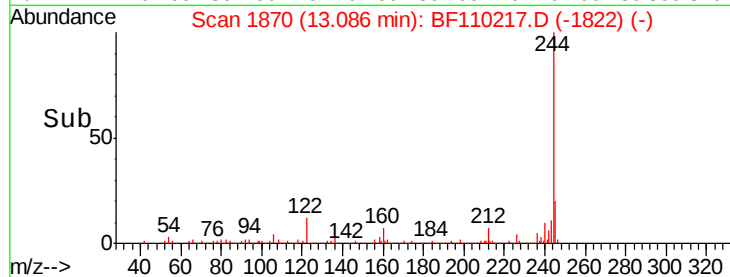
400000

200000

0

13.09

Time--> 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110217.D

Acq: 26 Oct 2018 18:42

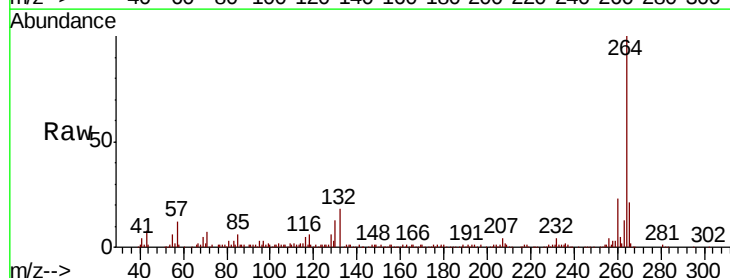
Tgt Ion:264 Resp: 163198

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.3 16.7 25.1



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

150000

100000

50000

0

15.68

Time--> 15.60 15.70 15.80

