

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098794.D
 Acq On : 25 Sep 2017 20:36
 Operator : SJ/JU
 Sample : I5394-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3992

Quant Time: Sep 26 07:10:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

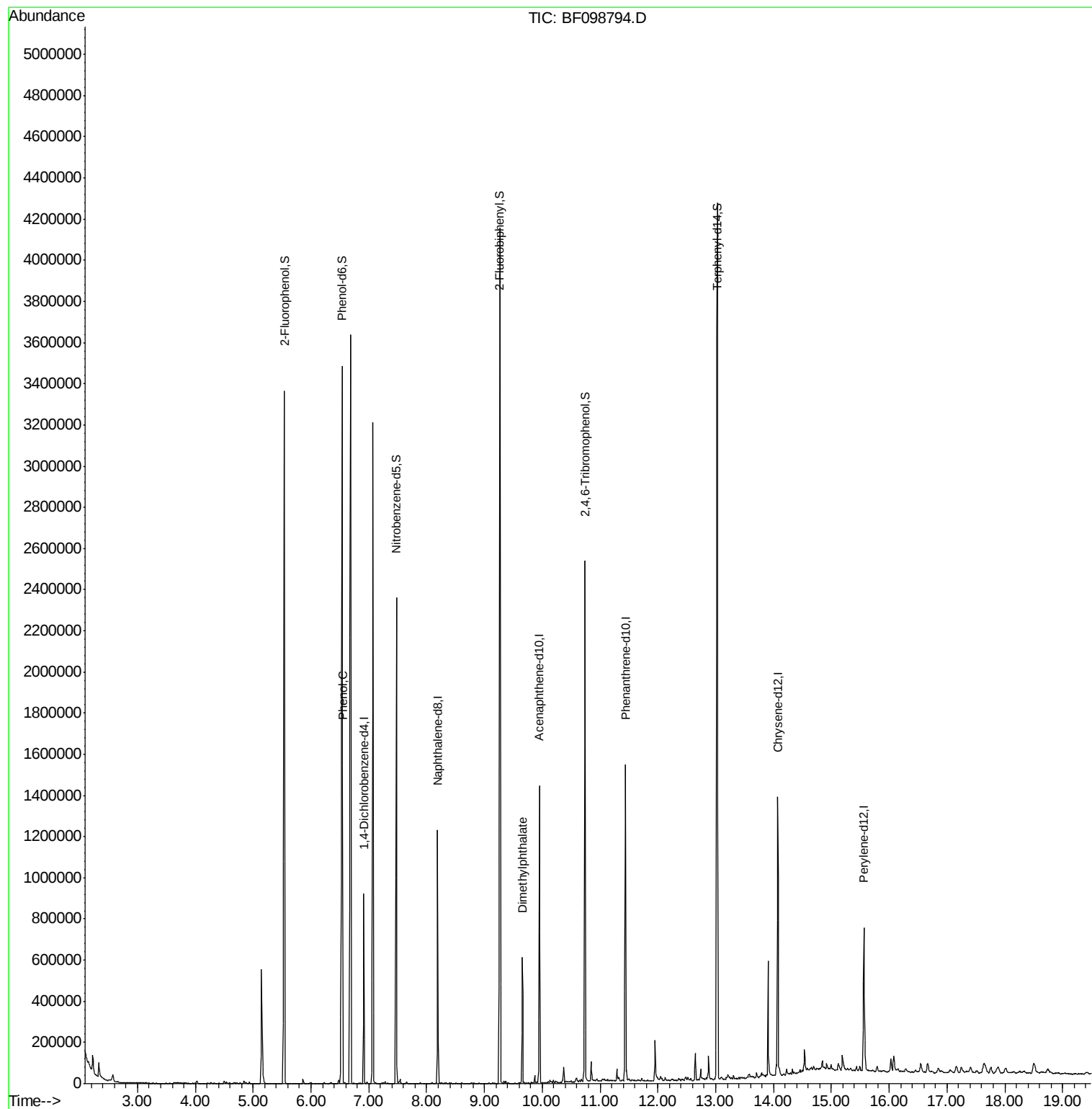
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	136557	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	577211	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	268634	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	512077	20.00	ng	0.00
75) Chrysene-d12	14.07	240	408850	20.00	ng	-0.01
86) Perylene-d12	15.56	264	299164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1141910	133.12	ng	0.00
7) Phenol-d6	6.54	99	1410796	133.32	ng	0.00
23) Nitrobenzene-d5	7.47	82	868013	96.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	318658	144.97	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1548668	96.24	ng	-0.01
78) Terphenyl-d14	13.03	244	1491070	82.94	ng	0.00
Target Compounds						
10) Phenol	6.55	94	45993	3.886	ng	94
49) Dimethylphthalate	9.66	163	228464	11.268	ng	100

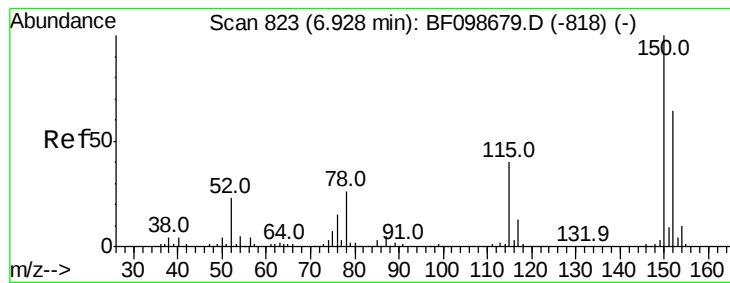
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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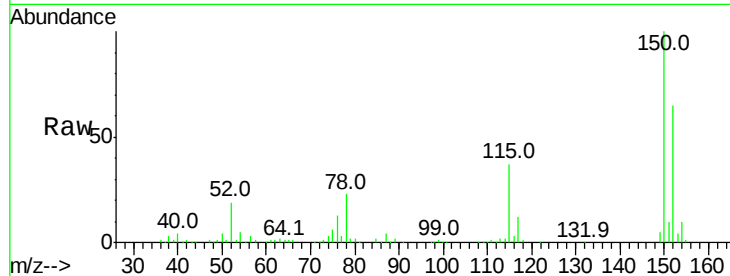


#1

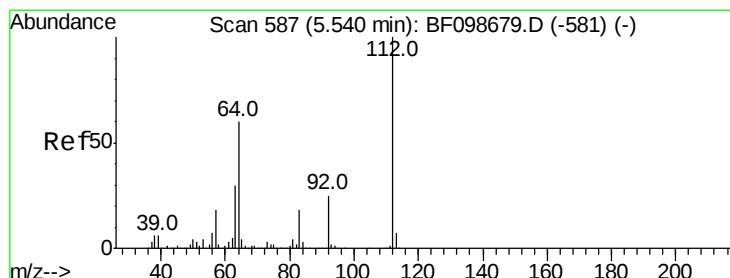
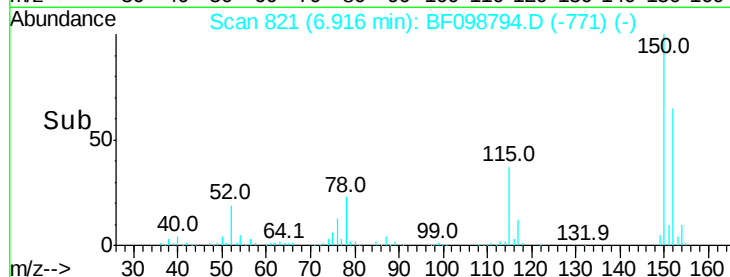
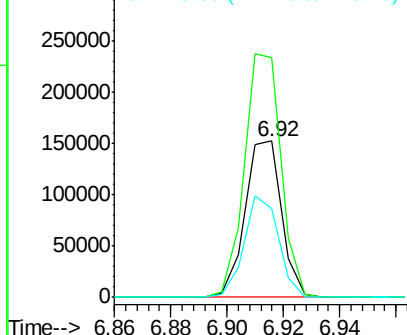
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Instrument :
BNA_F
ClientSampleId :
RT-3992

Tot Ion:152 Resp: 136557
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 57.2 50.1 75.1



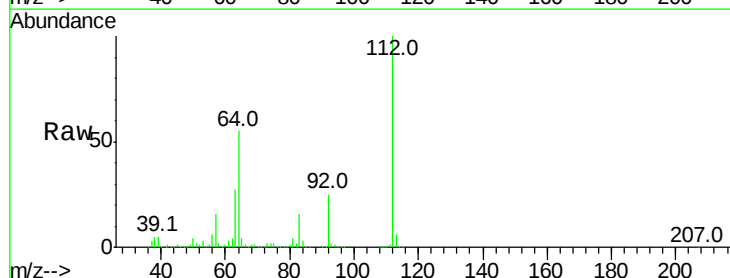
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



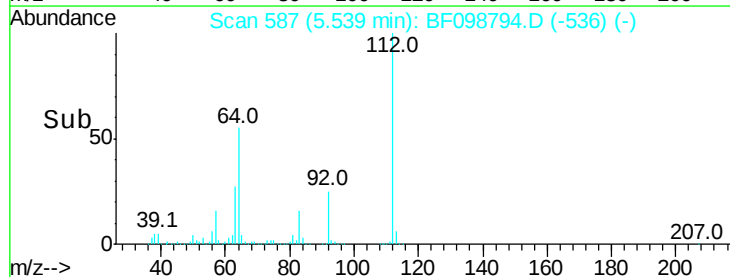
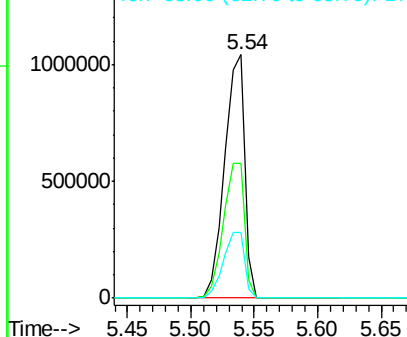
#5

2-Fluorophenol
Concen: 133.117 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Tgt Ion:112 Resp: 1141910
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.318 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

RT-3992

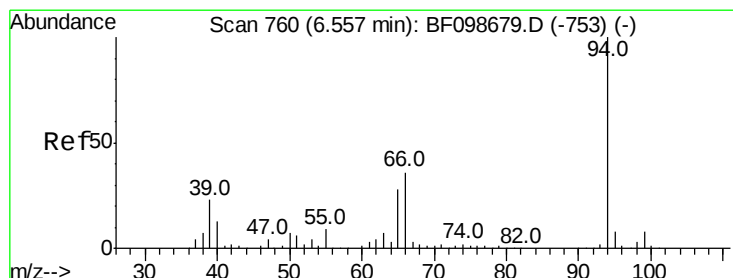
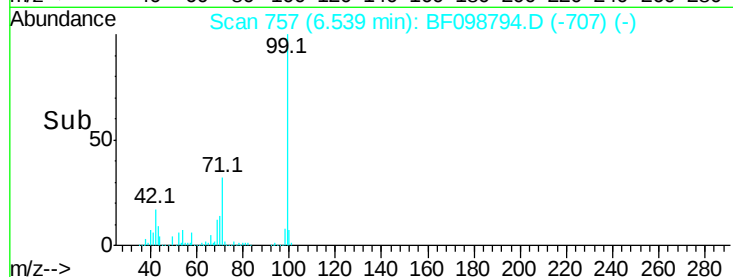
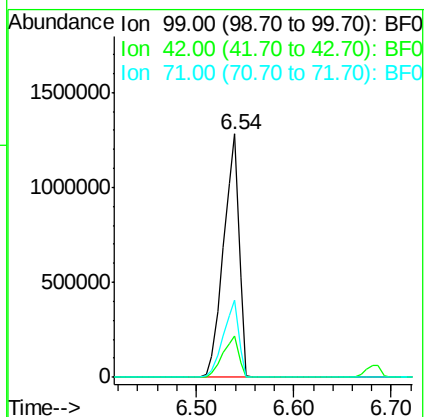
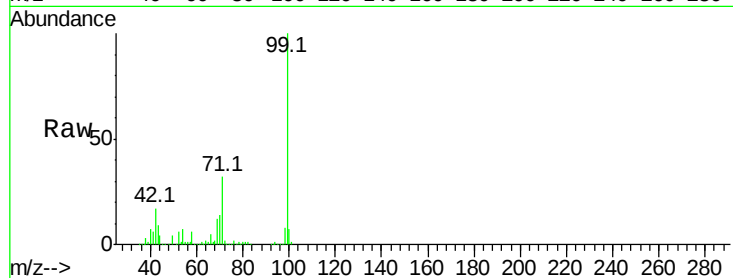
Tot Ion: 99 Resp: 1410796

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 3.886 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

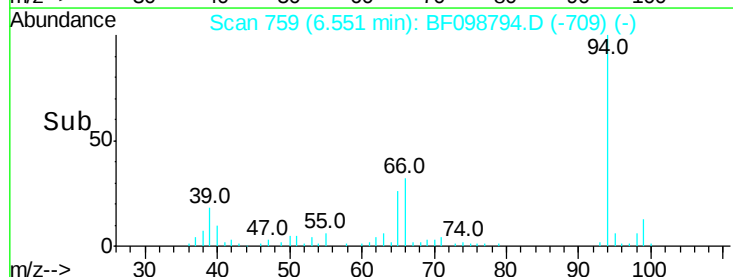
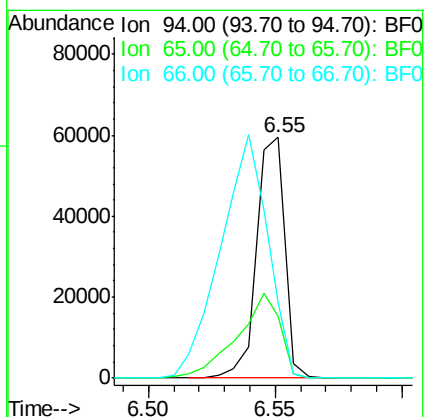
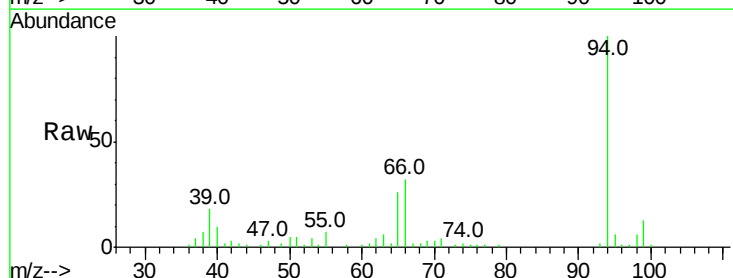
Tgt Ion: 94 Resp: 45993

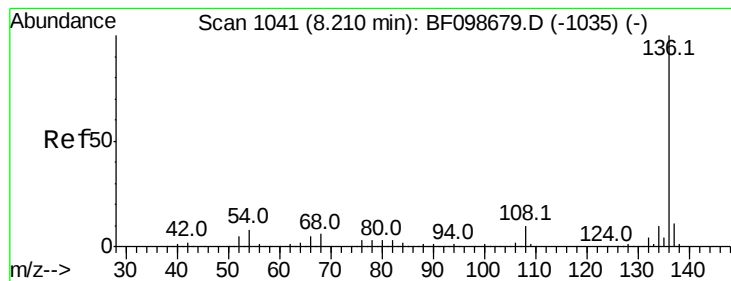
Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

66 31.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

RT-3992

Tot Ion:136 Resp: 577211

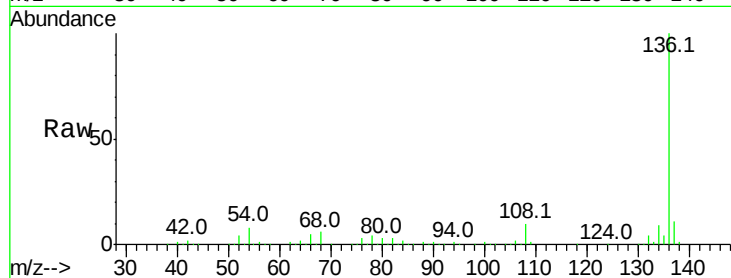
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

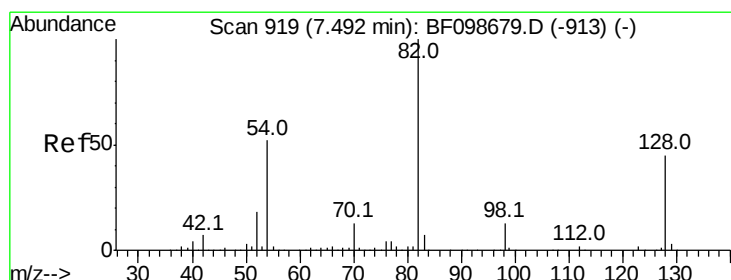
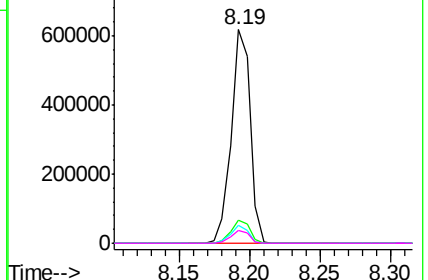
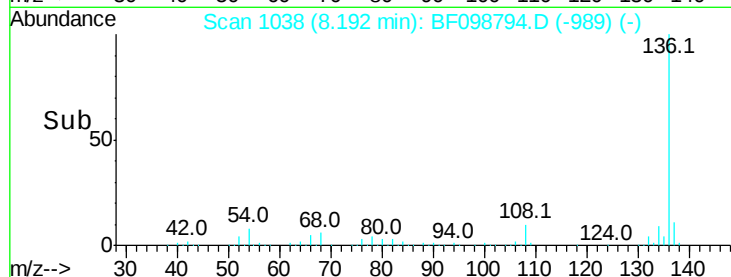


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 96.439 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

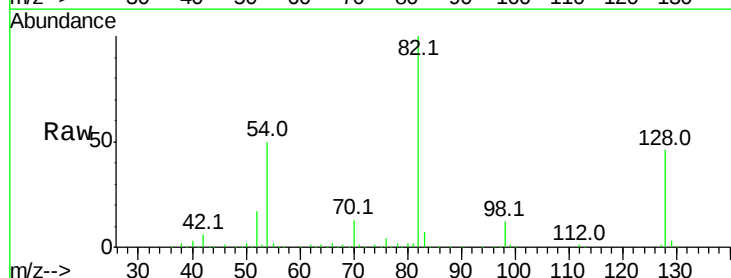
Tgt Ion: 82 Resp: 868013

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

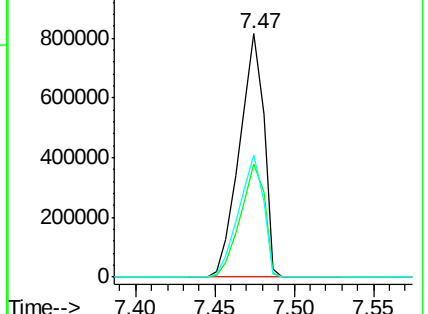
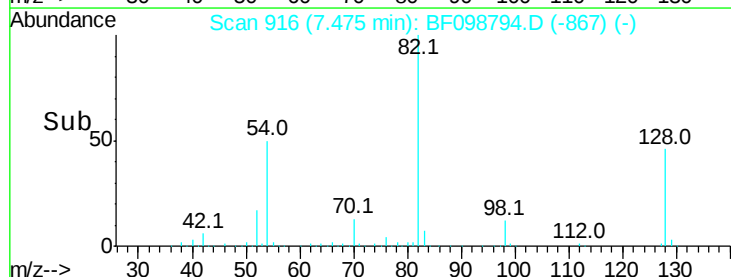
54 50.3 41.4 62.2

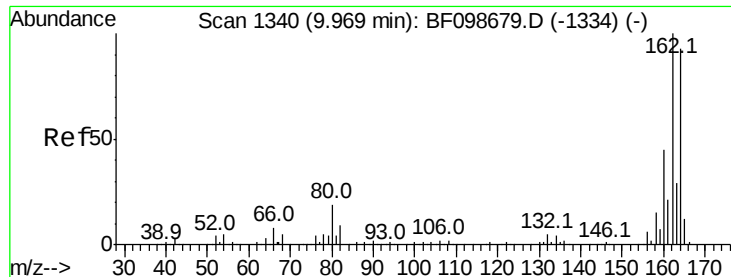


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

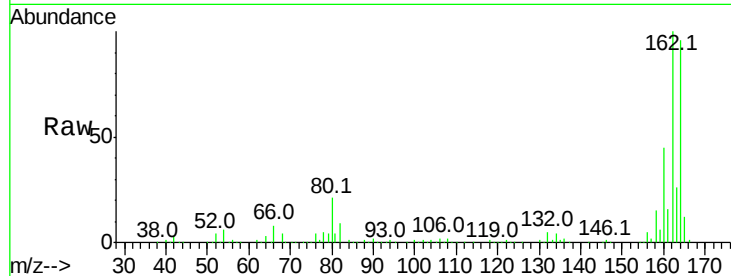




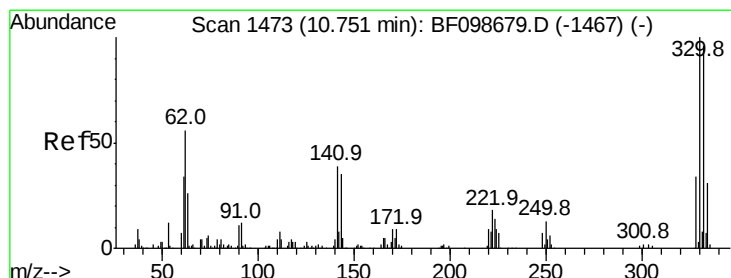
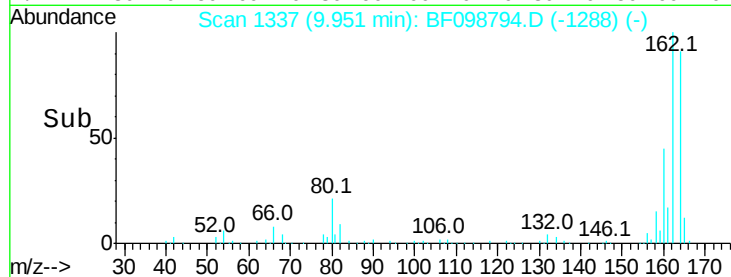
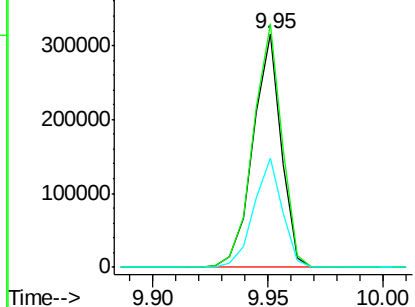
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098794.D
 Acq: 25 Sep 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 RT-3992

Tot Ion:164 Resp: 268634
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.9 38.3 57.5

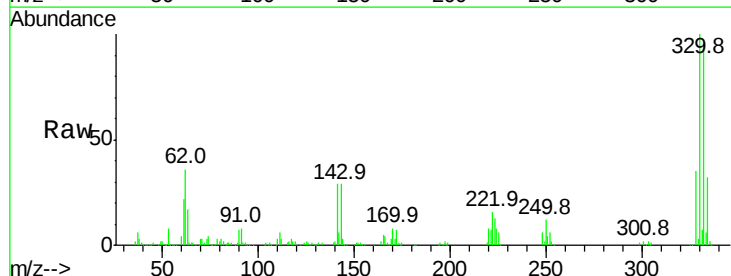


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

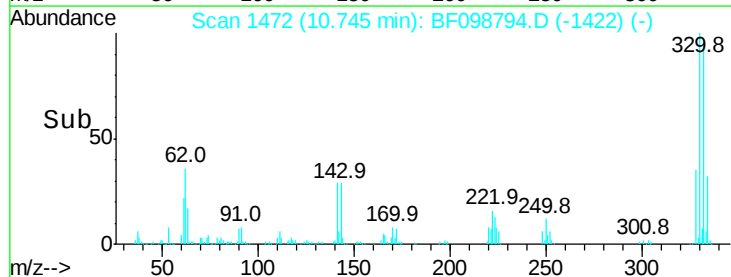
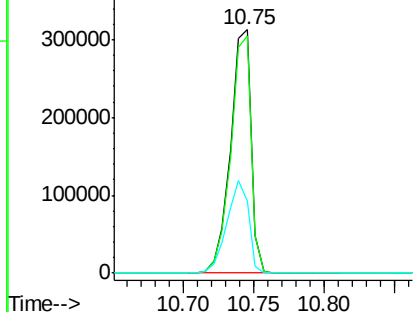


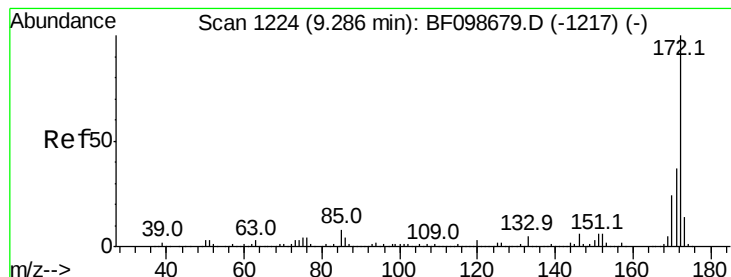
#41
 2,4,6-Tribromophenol
 Concen: 144.966 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098794.D
 Acq: 25 Sep 2017 20:36

Tgt Ion:330 Resp: 318658
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.0 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: 96.241 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

RT-3992

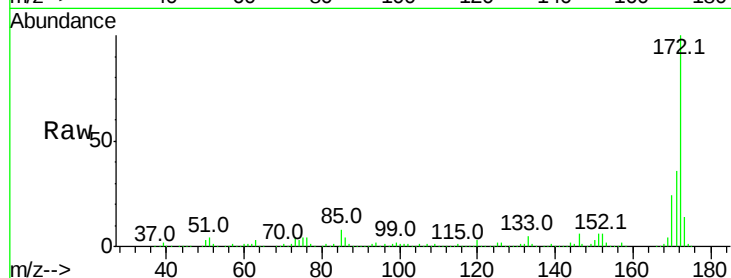
Tot Ion:172 Resp: 1548668

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

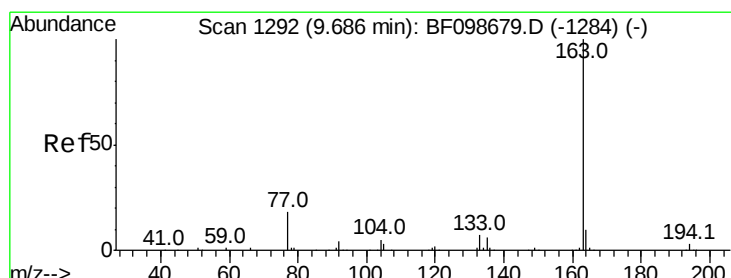
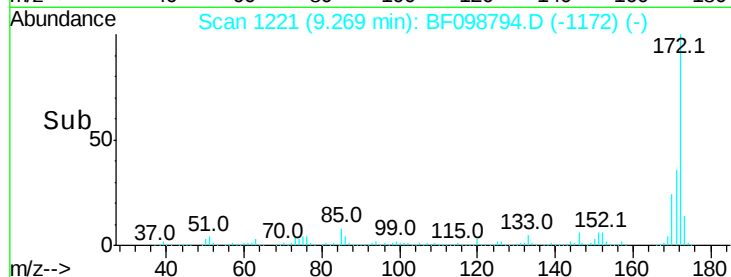
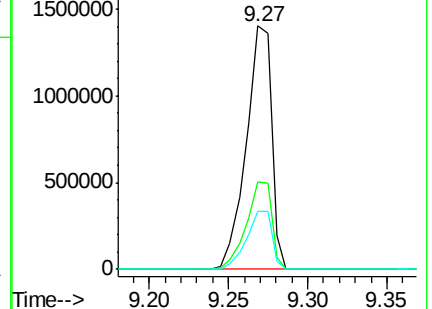
170 24.0 19.6 29.4



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: 11.268 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

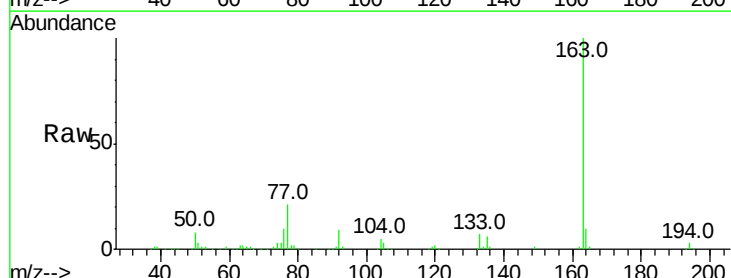
Tgt Ion:163 Resp: 228464

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

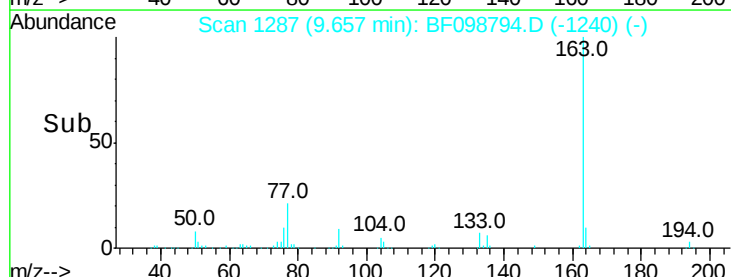
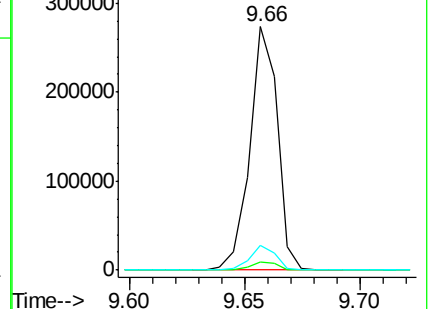
164 10.2 8.2 12.2

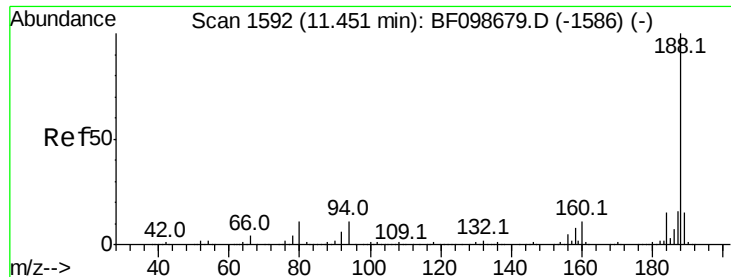


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

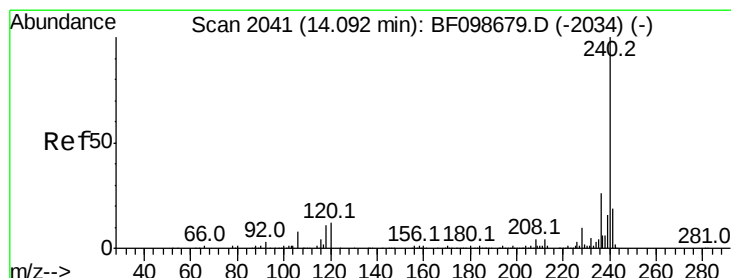
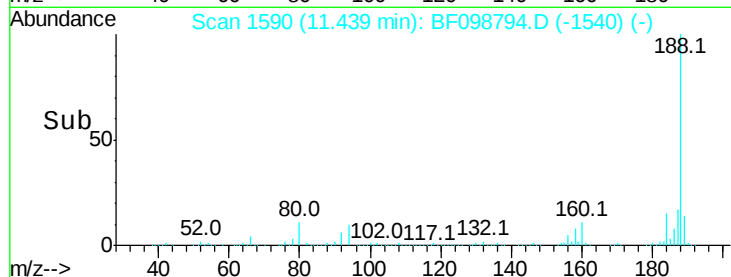
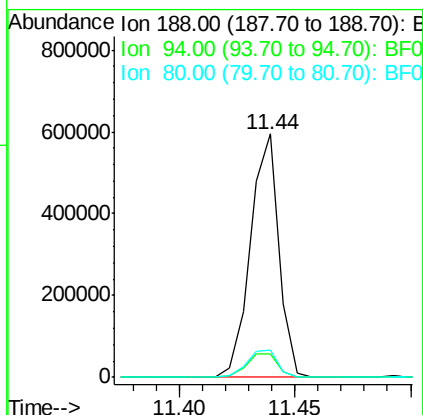
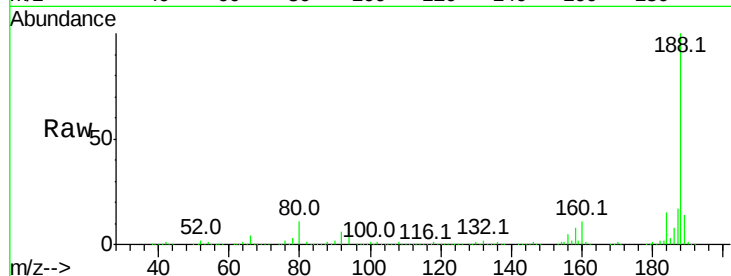




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

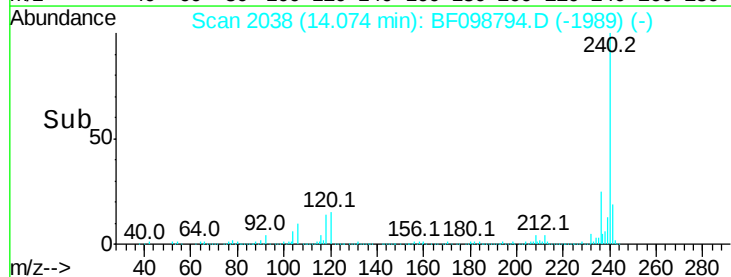
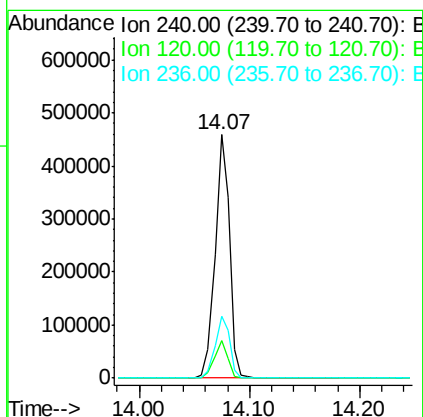
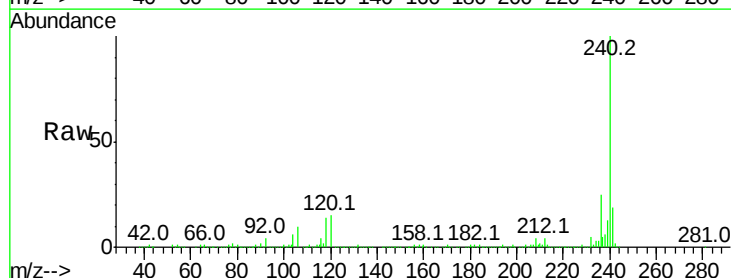
Instrument :
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ClientSampleId :
RT-3992

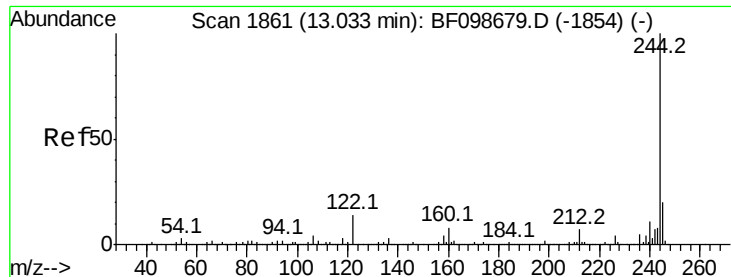
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 82.940 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

RT-3992

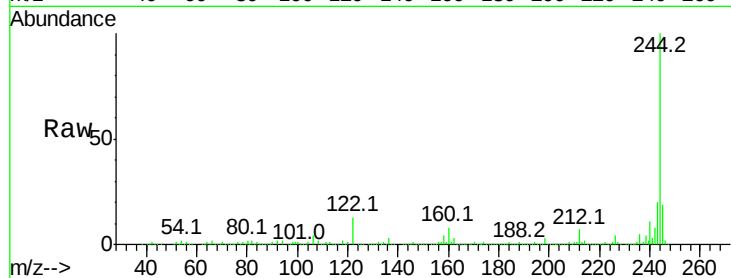
Tot Ion:244 Resp: 1491070

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

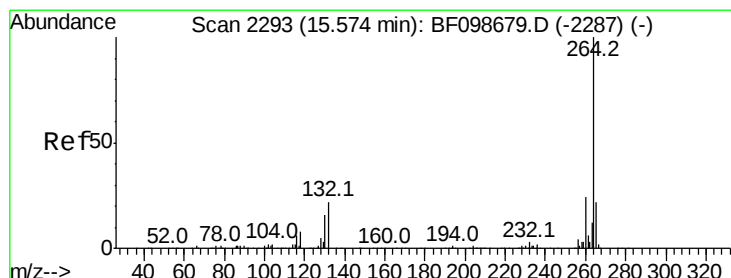
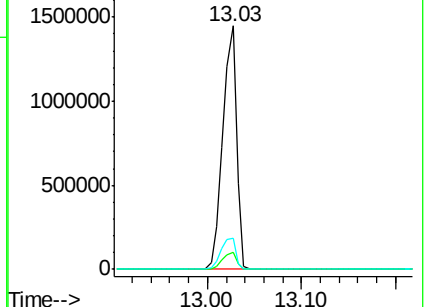
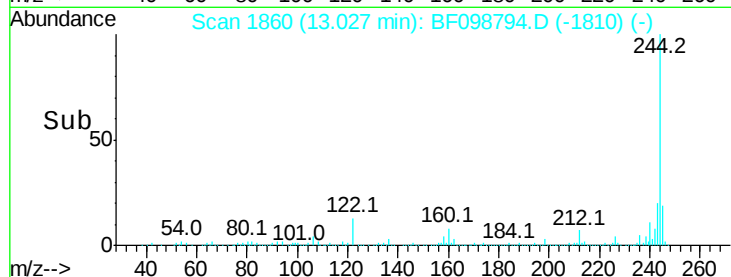
122 12.6 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

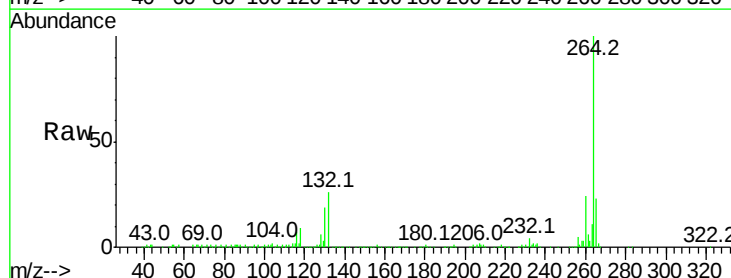
Tgt Ion:264 Resp: 299164

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.8 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

