

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098885.D
 Acq On : 28 Sep 2017 1:45
 Operator : SJ/JU
 Sample : I5436-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Quant Time: Sep 28 07:03:27 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

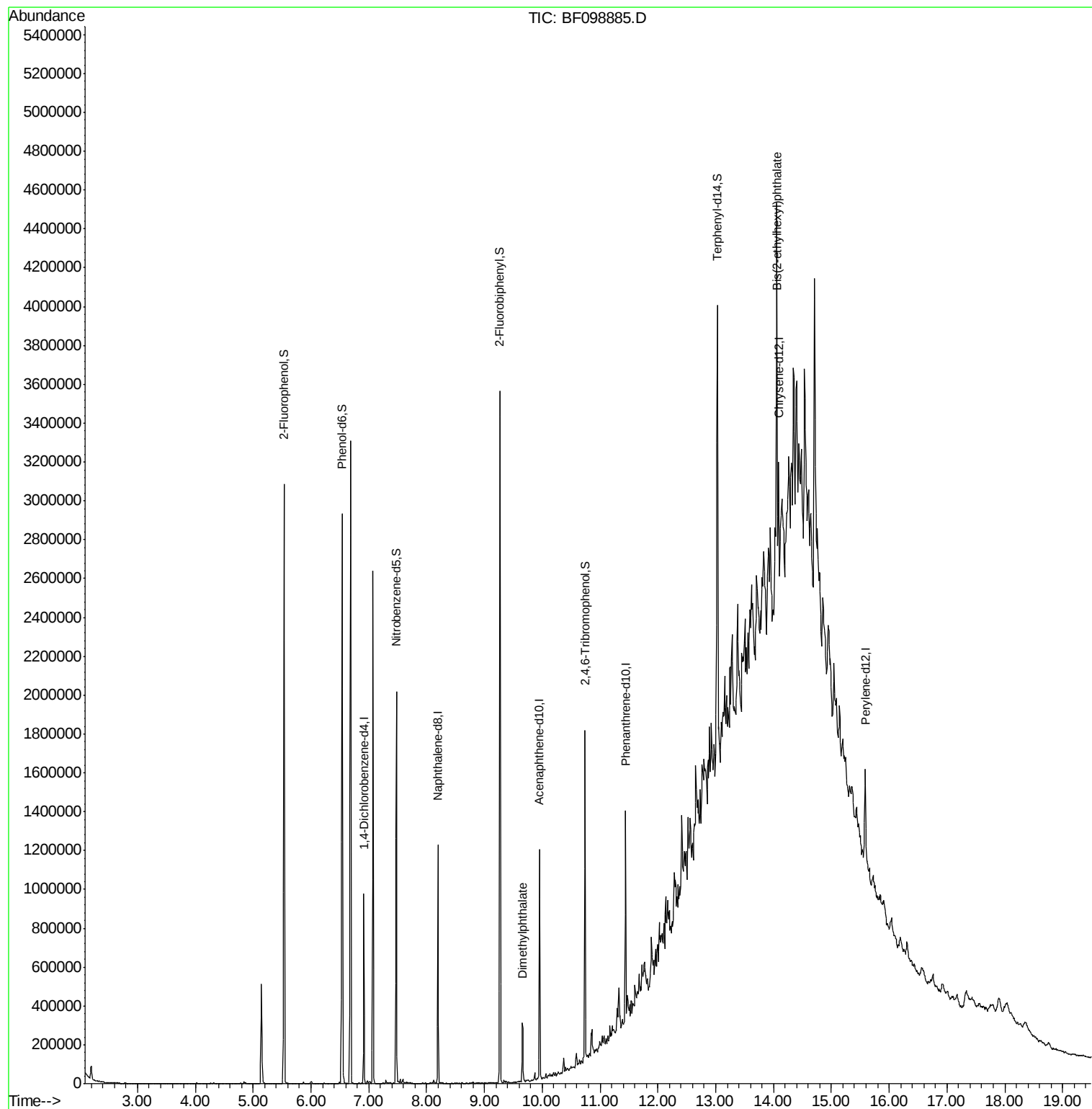
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132221	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	531887	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	223649	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	353309	20.00	ng	0.00
75) Chrysene-d12	14.09	240	250834	20.00	ng	0.00
86) Perylene-d12	15.59	264	210298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	932085	112.22	ng	0.00
7) Phenol-d6	6.54	99	1142212	111.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	689248	83.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	187099	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1187337	88.63	ng	0.00
78) Terphenyl-d14	13.03	244	876823	79.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	117243	6.946	ng	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	673634	54.423	ng	100

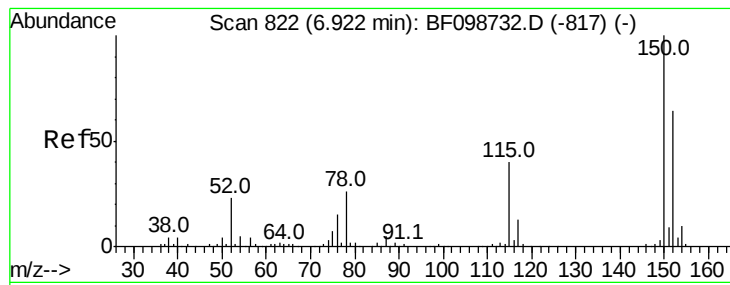
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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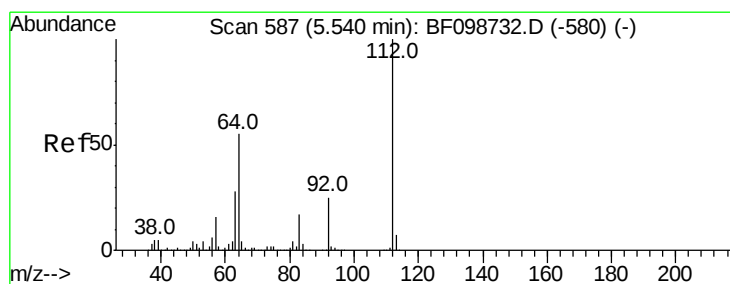
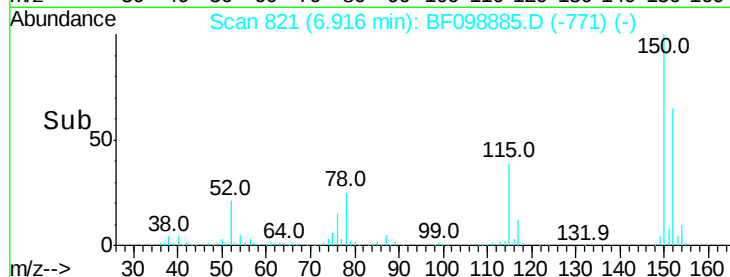
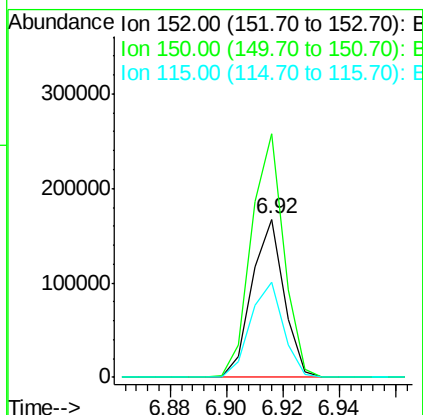
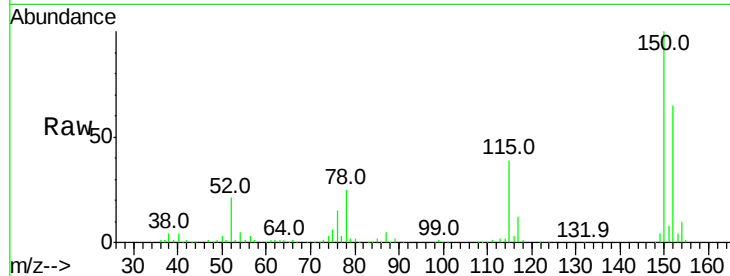


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

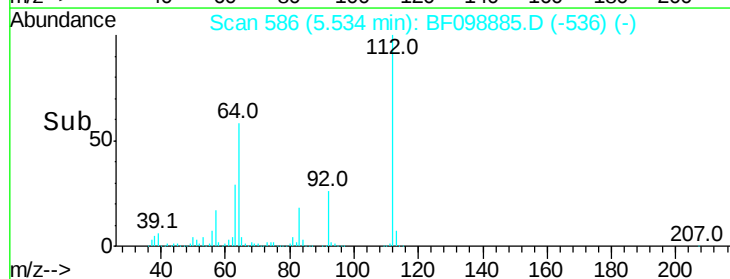
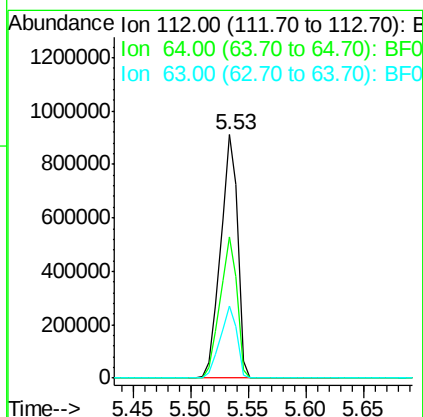
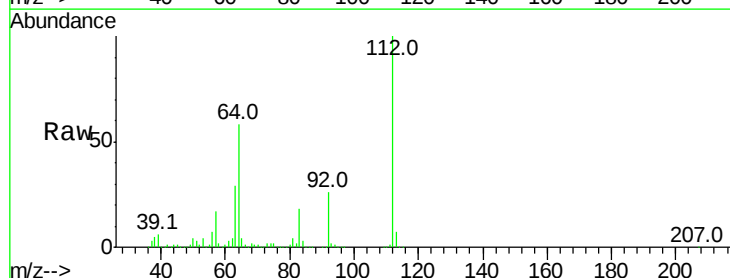
Tot Ion:152 Resp: 132221
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 60.0 50.1 75.1

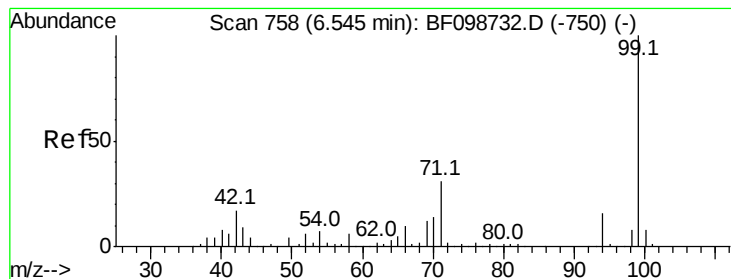


#5

2-Fluorophenol
 Concen: 112.220 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Tgt Ion:112 Resp: 932085
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 111.476 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVEL

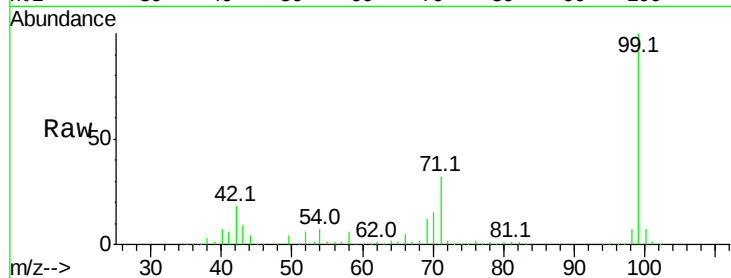
Tot Ion: 99 Resp: 1142212

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

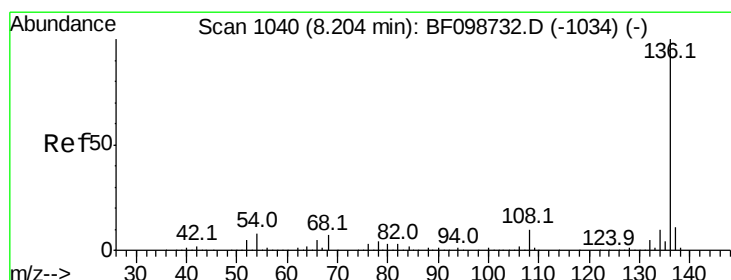
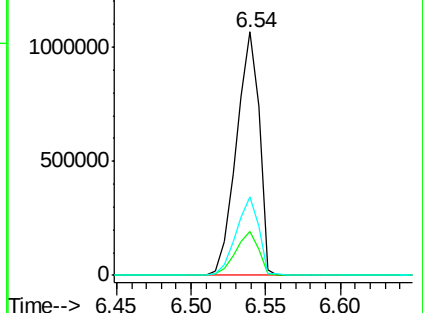
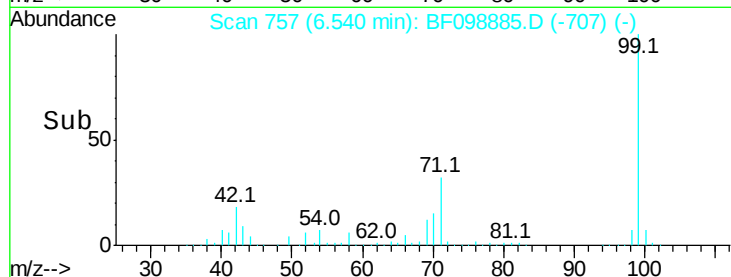
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Tgt Ion: 136 Resp: 531887

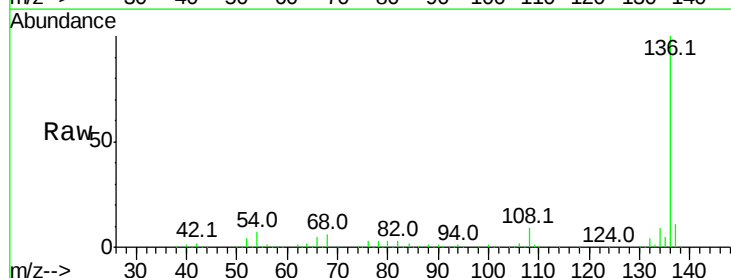
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.6 9.8

68 5.7 5.0 7.4

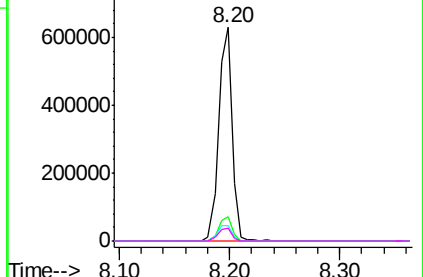
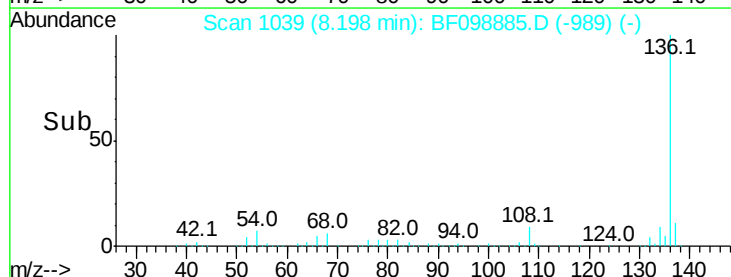


Abundance Ion 136.00 (135.70 to 136.70): E

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

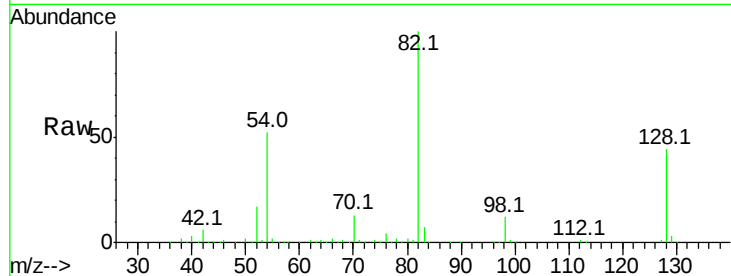




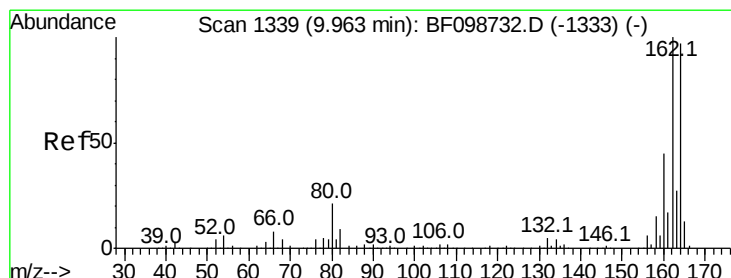
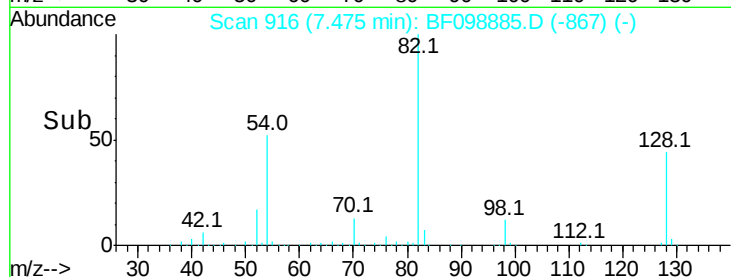
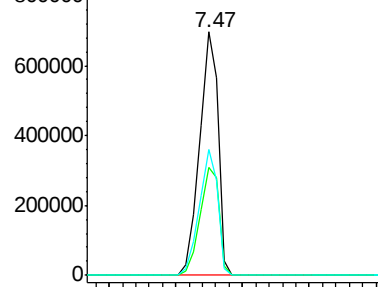
#23
 Nitrobenzene-d5
 Concen: 83.103 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Tot Ion: 82 Resp: 689248
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 51.6 41.4 62.2

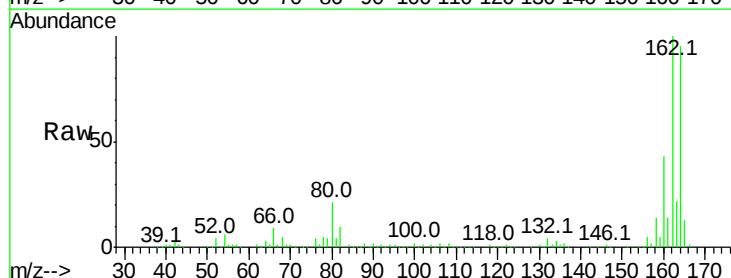


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

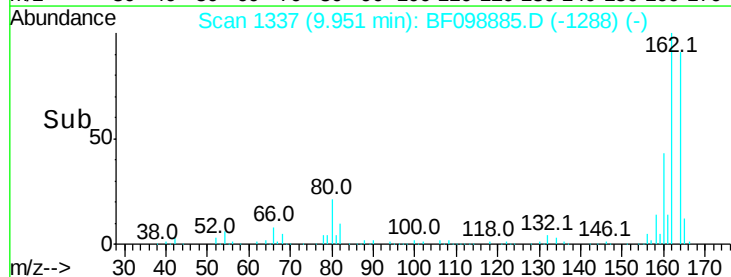
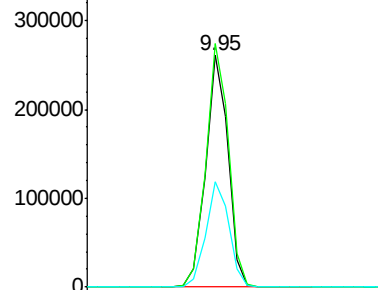


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Tgt Ion:164 Resp: 223649
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.4 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

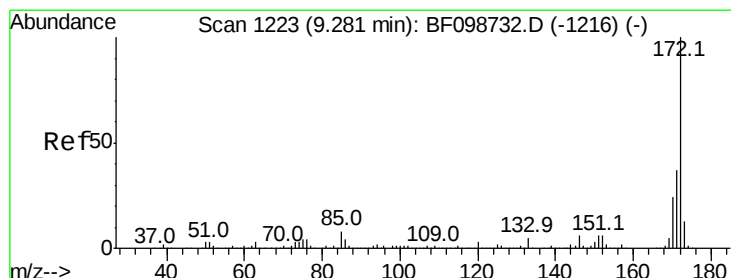
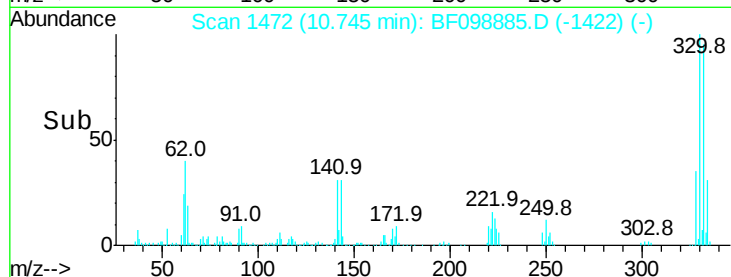
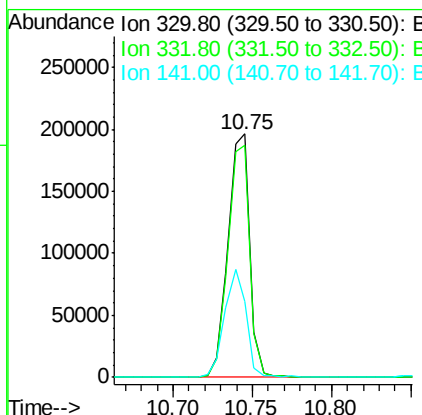
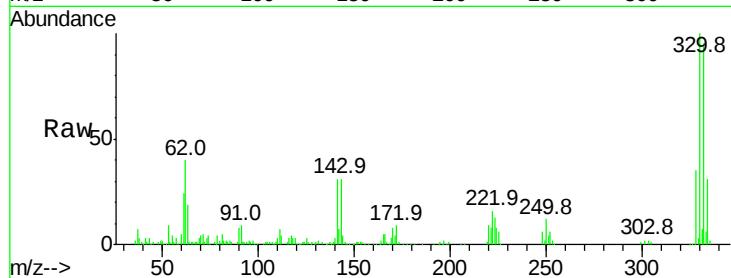




#41
 2,4,6-Tribromophenol
 Concen: 102.237 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

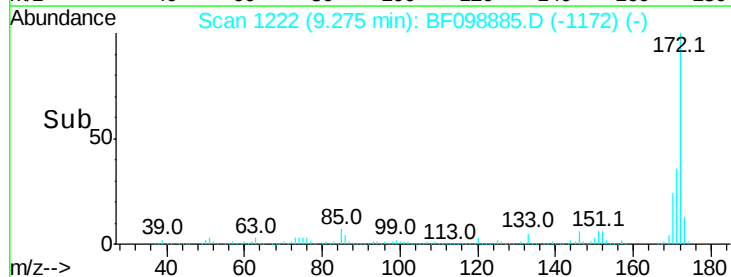
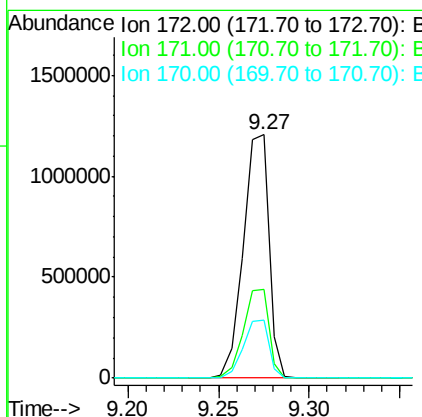
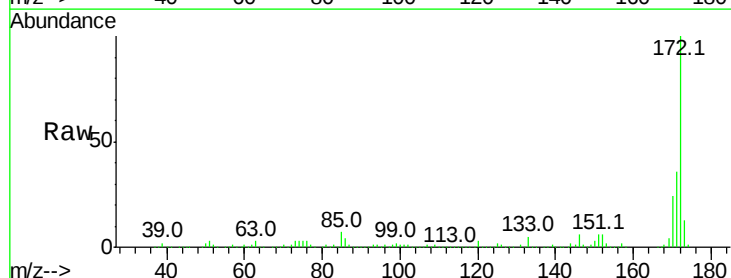
Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

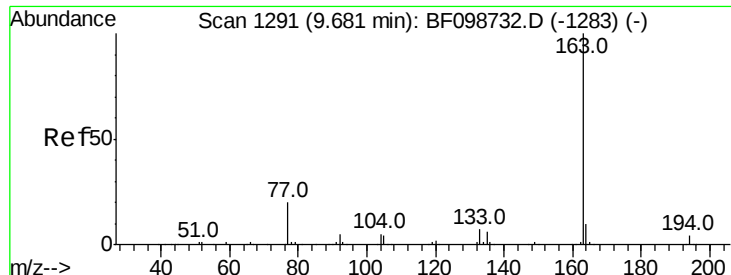
Tot Ion:330 Resp: 187099
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 44.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 88.628 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Tgt Ion:172 Resp: 1187337
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 19.6 29.4

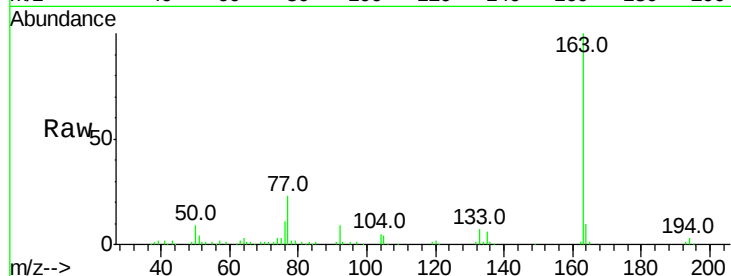




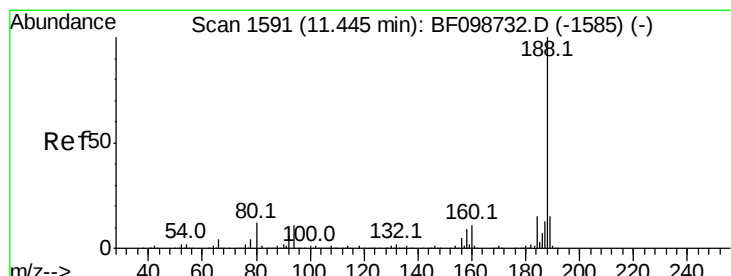
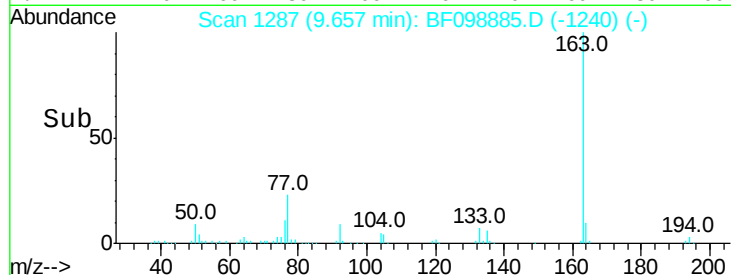
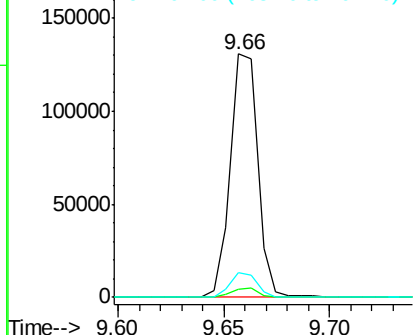
#49
Dimethylphthalate
Concen: 6.946 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Instrument :
BNA_F
ClientSampleId :
OILY-GRAVEL

Tot Ion:163 Resp: 117243
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.3 8.2 12.2

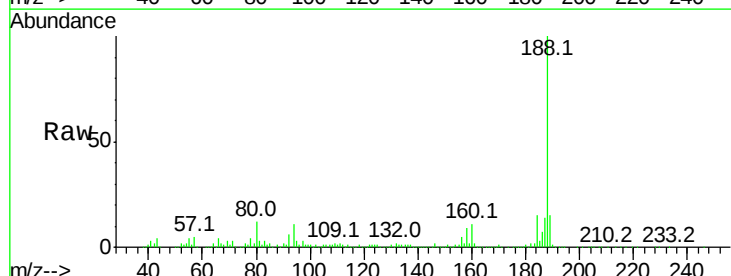


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

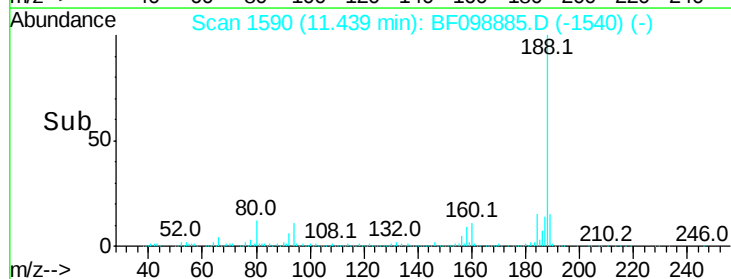
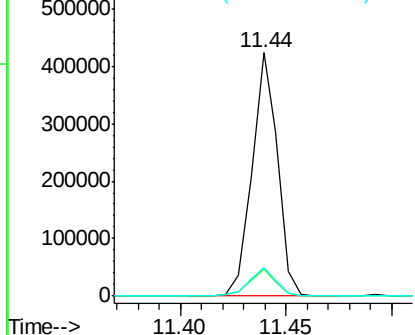


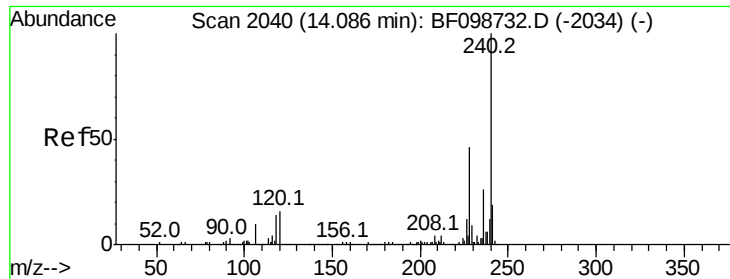
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098885.D
Acq: 28 Sep 2017 1:45

Tgt Ion:188 Resp: 353309
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVEL

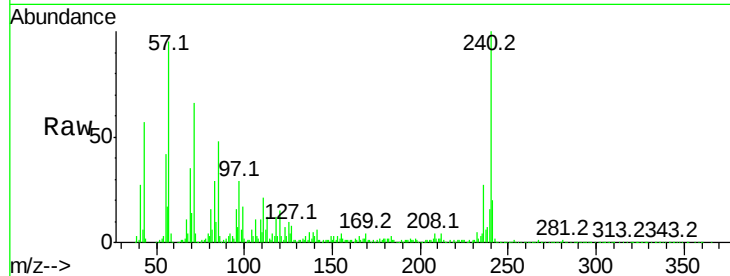
Tot Ion:240 Resp: 250834

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

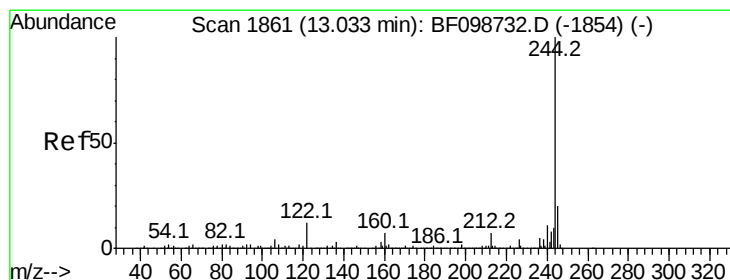
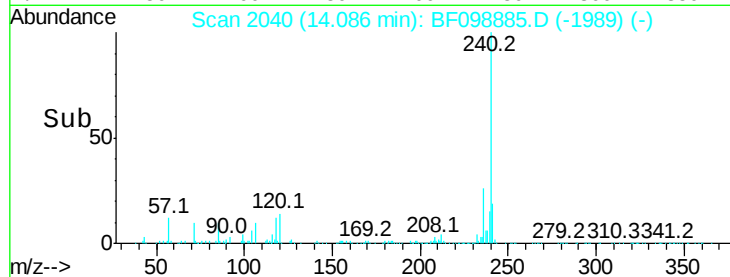
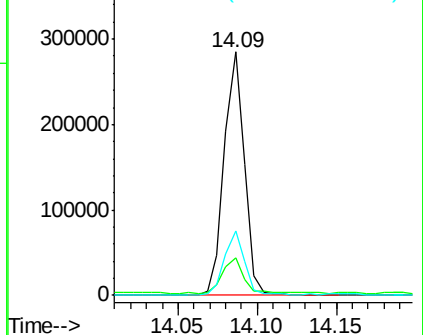
236 26.5 20.7 31.1



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: 79.498 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098885.D

Acq: 28 Sep 2017 1:45

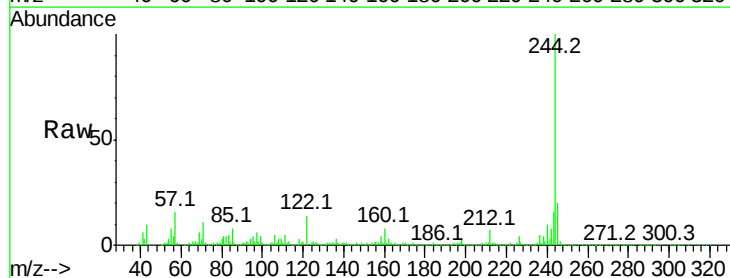
Tgt Ion:244 Resp: 876823

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

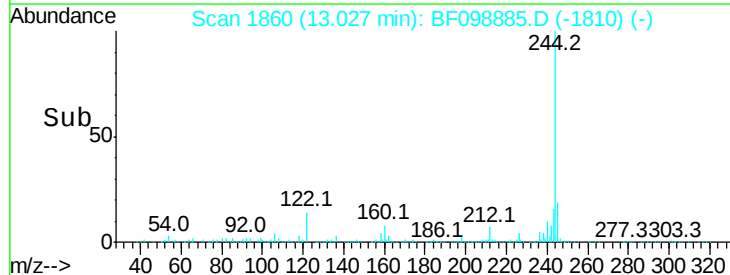
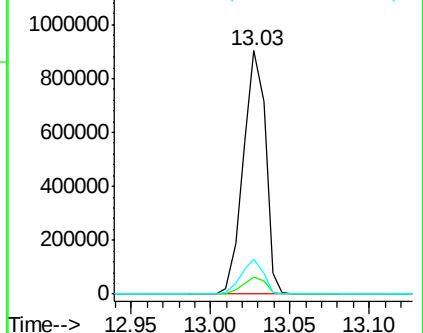
122 14.2 11.0 16.4

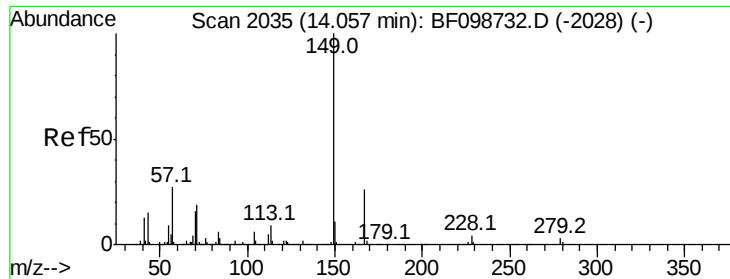


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

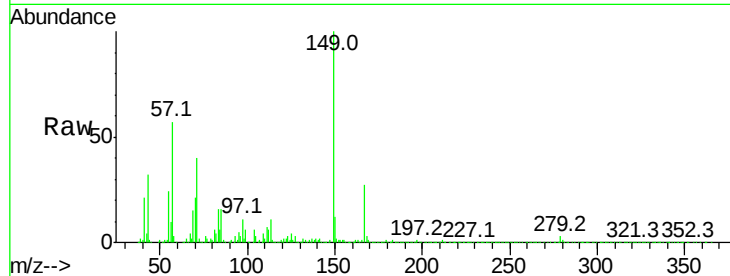




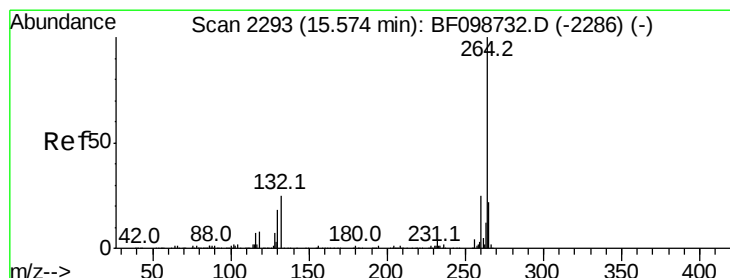
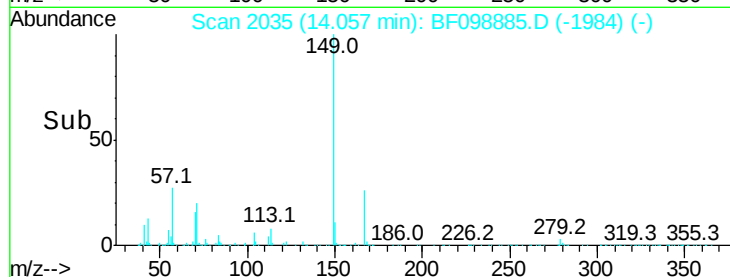
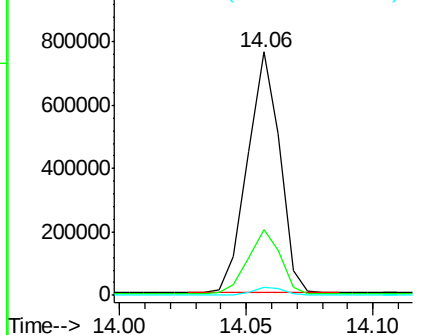
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.423 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Instrument :
 BNA_F
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 OILY-GRAVEL

Tot Ion:149 Resp: 673634
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.1 3.0 4.4

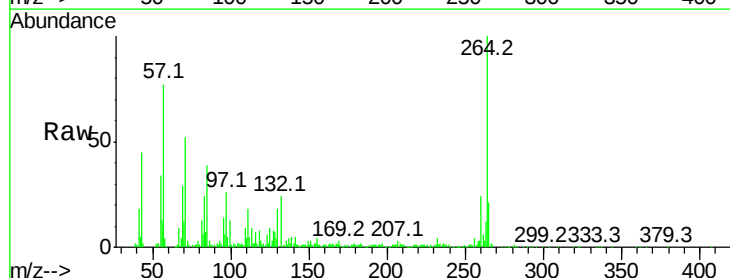


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098885.D
 Acq: 28 Sep 2017 1:45

Tgt Ion:264 Resp: 210298
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 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

