

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110406.D
 Acq On : 2 Nov 2018 12:35
 Operator : JU/SJ
 Sample : J5690-04DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:55:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	72397	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	297784	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	143780	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	254265	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166210	20.00	ng	0.00
87) Perylene-d12	15.66	264	166062	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	4019	0.90	ng	0.00
7) Phenol-d6	6.57	99	4083	0.72	ng	0.00
23) Nitrobenzene-d5	7.52	82	13974	2.78	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	2321	1.63	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	16797	1.83	ng	0.00
79) Terphenyl-d14	13.07	244	12852	1.61	ng	0.00

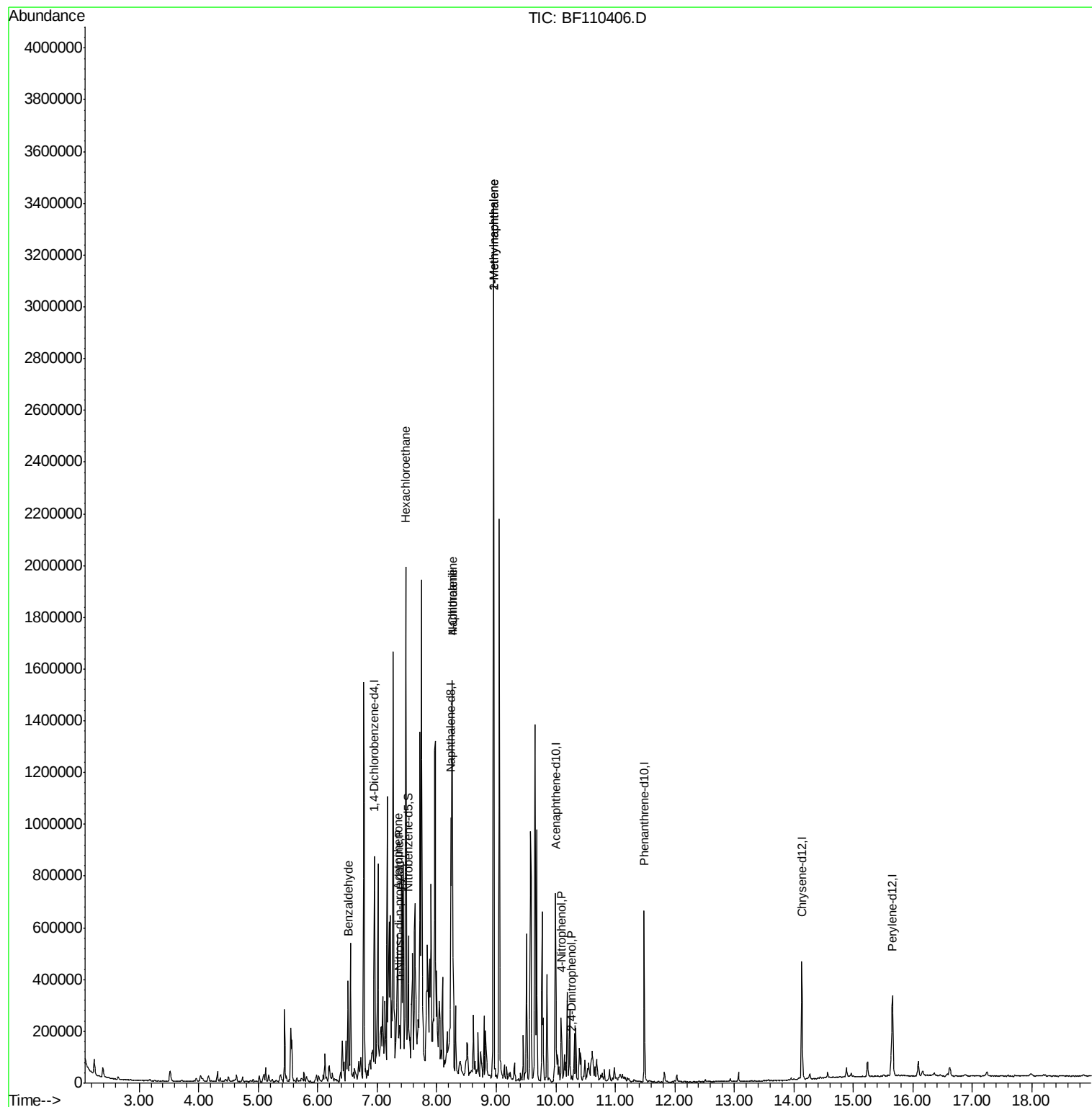
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	14118	2.715	ng	# 1
18) Hexachloroethane	7.48	117	58454	27.987	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	7944	2.178	ng	# 67
22) Acetophenone	7.34	105	130263	18.984	ng	# 60
31) Naphthalene	8.26	128	636804	46.399	ng	# 99
33) 4-Chloroaniline	8.26	127	85234	13.799	ng	# 34
37) 2-Methylnaphthalene	8.96	142	964403	106.205	ng	# 99
38) 1-Methylnaphthalene	8.96	142	964403	109.901	ng	# 97
54) 2,4-Dinitrophenol	10.27	184	696	5.892	ng	# 50
56) 4-Nitrophenol	10.09	139	6502	3.231	ng	# 15

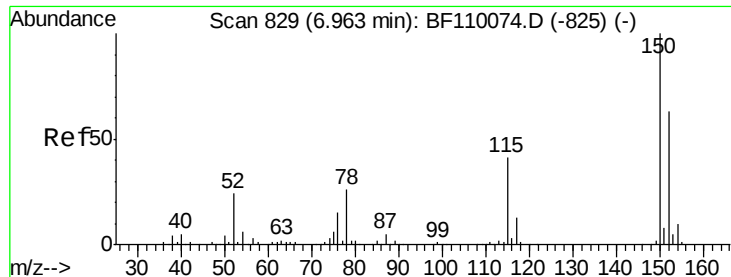
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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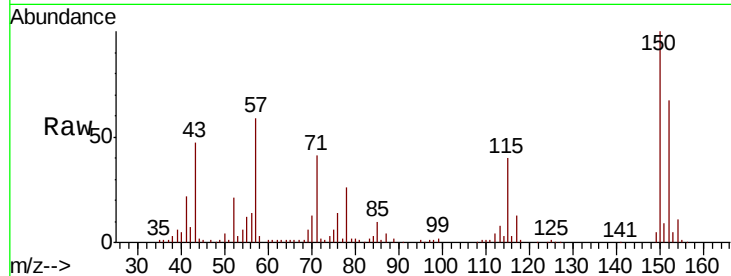


#1

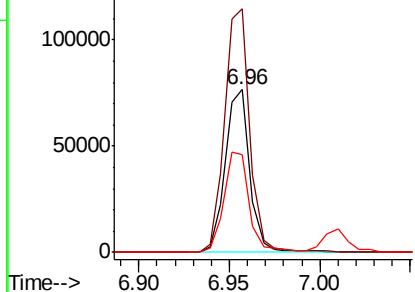
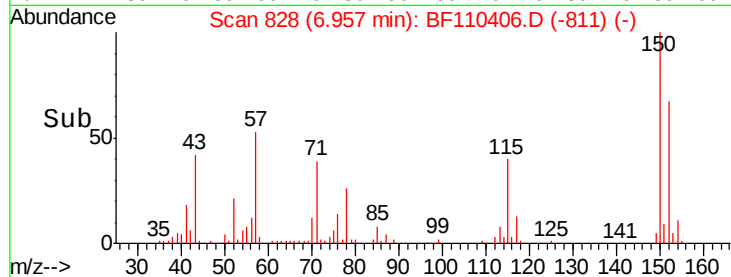
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 72397
Ion Ratio Lower Upper
152 100
150 149.5 122.7 184.1
115 59.9 49.1 73.7



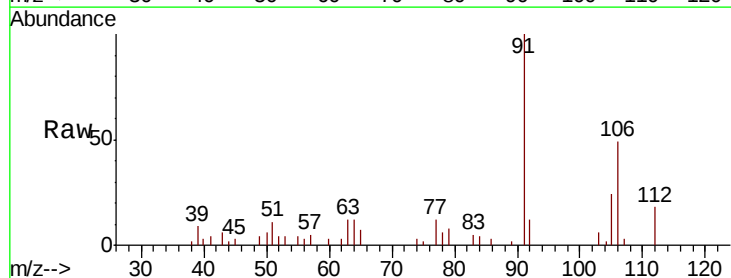
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



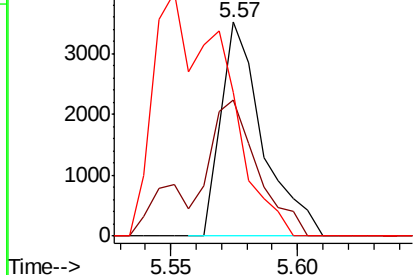
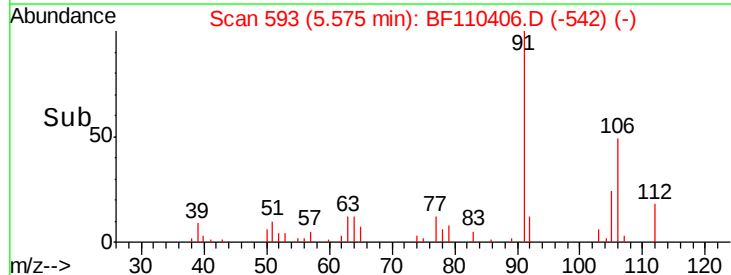
#5

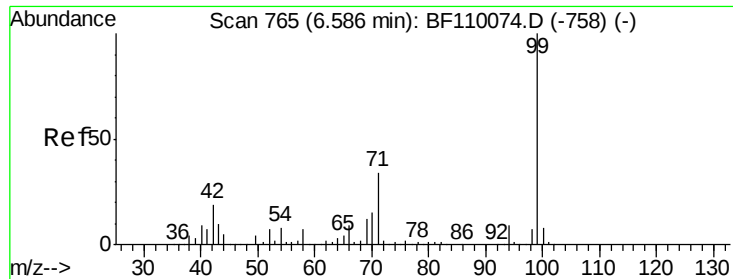
2-Fluorophenol
Concen: 0.904 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion:112 Resp: 4019
Ion Ratio Lower Upper
112 100
64 63.7 44.1 66.1
63 67.5 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: 0.718 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Instrument :

BNA_F

ClientSampled :

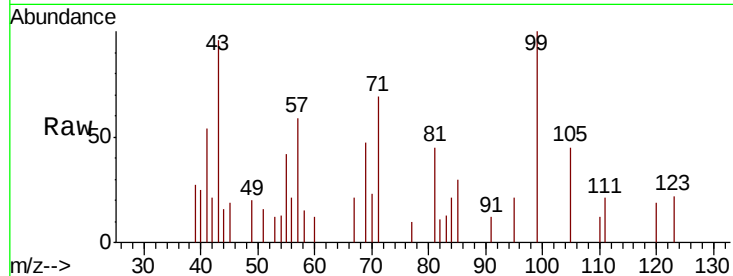
Tot Ion: 99 Resp: 4083

Ion Ratio Lower Upper

99 100

42 20.8 15.8 23.6

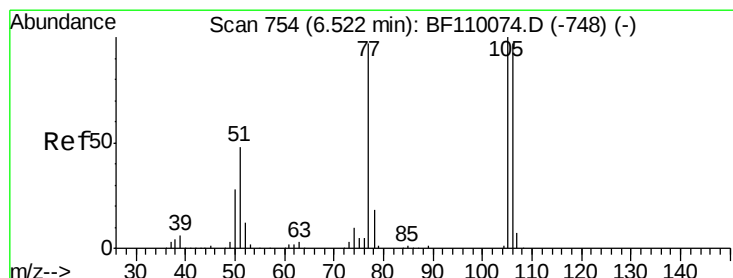
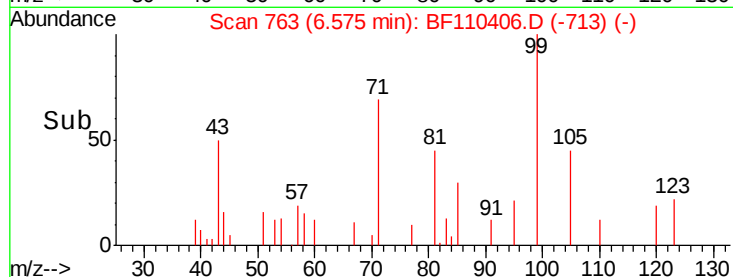
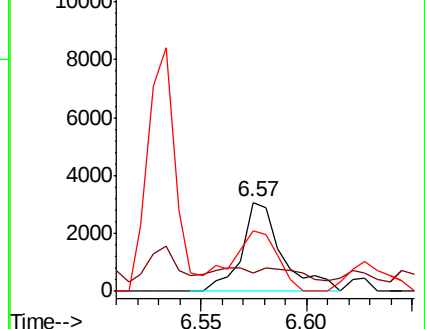
71 68.6 28.0 42.0#



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



#9

Benzaldehyde

Concen: 2.715 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

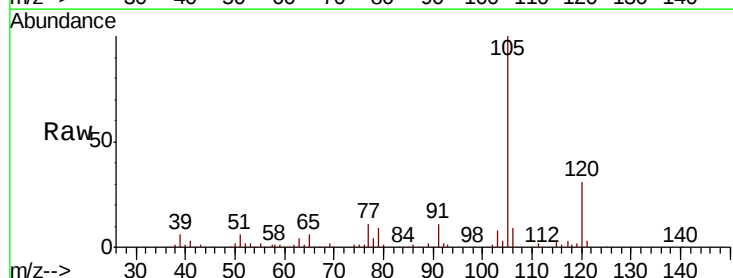
Tgt Ion: 77 Resp: 14118

Ion Ratio Lower Upper

77 100

105 930.9 78.6 118.6#

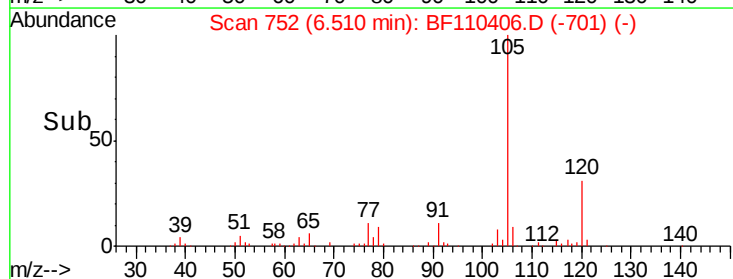
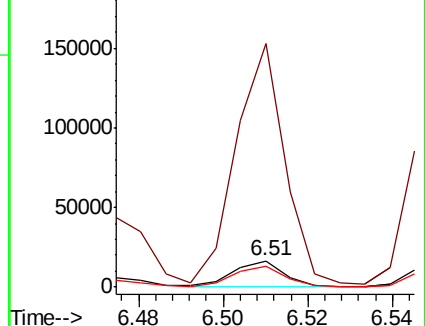
106 80.4 74.8 114.8

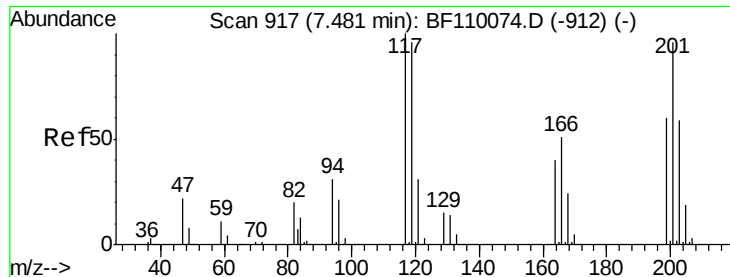


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

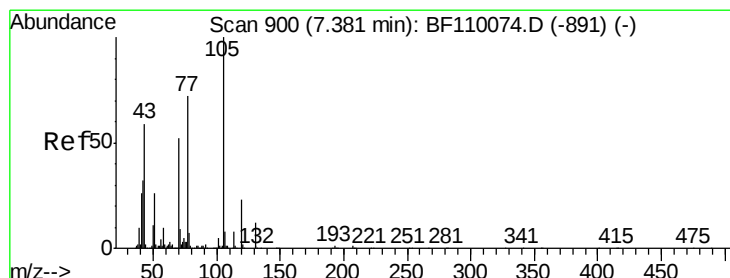
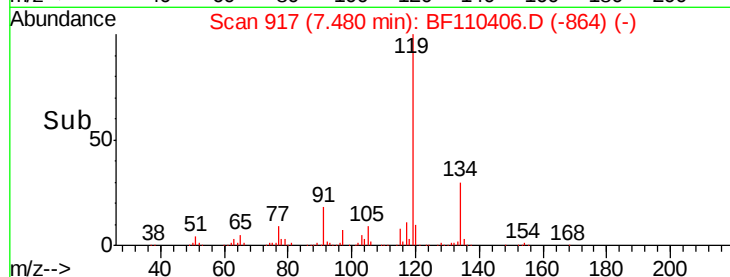
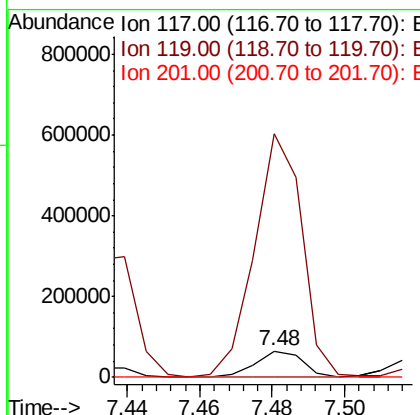
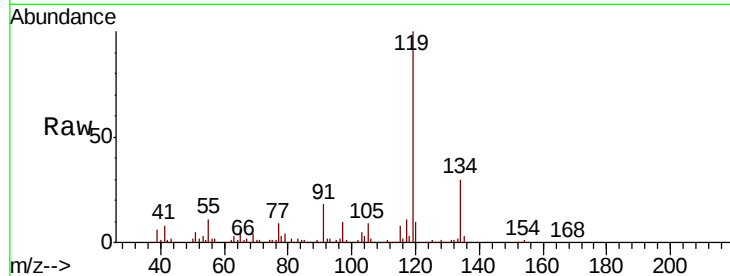




#18
Hexachloroethane
Concen: 27.987 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

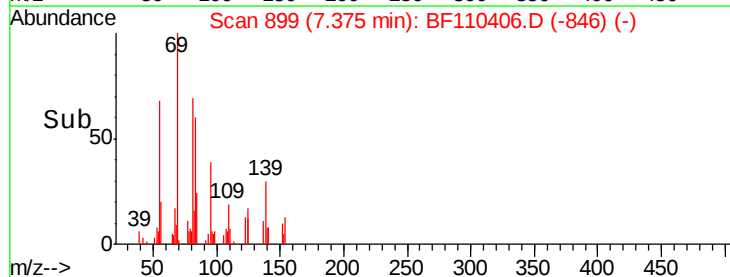
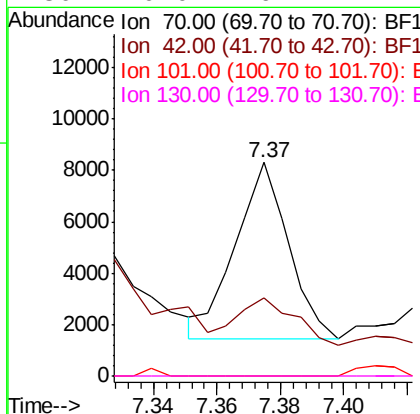
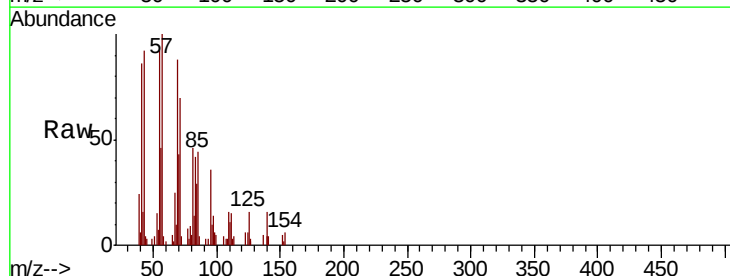
Instrument :
BNA_F
ClientSampleId :

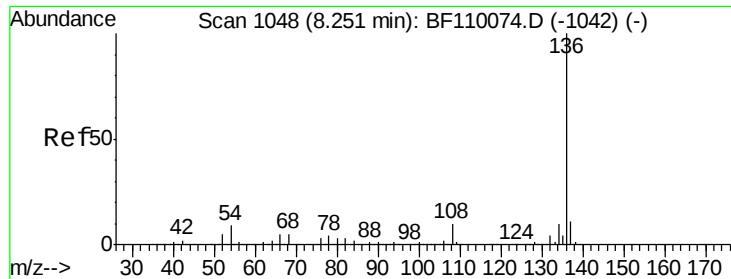
Tot Ion:117 Resp: 58454
Ion Ratio Lower Upper
117 100
119 919.5 75.0 112.6#
201 0.0 79.2 118.8#



#19
n-Nitroso-di-n-propylamine
Concen: 2.178 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion: 70 Resp: 7944
Ion Ratio Lower Upper
70 100
42 36.4 47.4 71.2#
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 297784

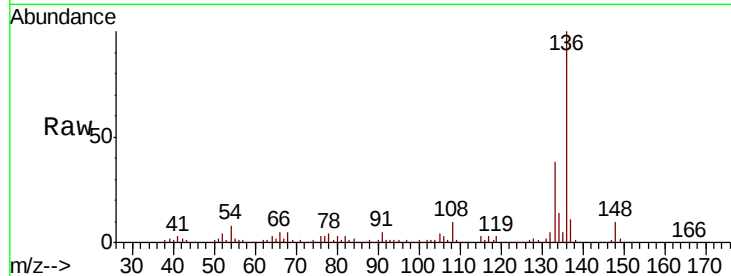
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.1 4.2 6.2

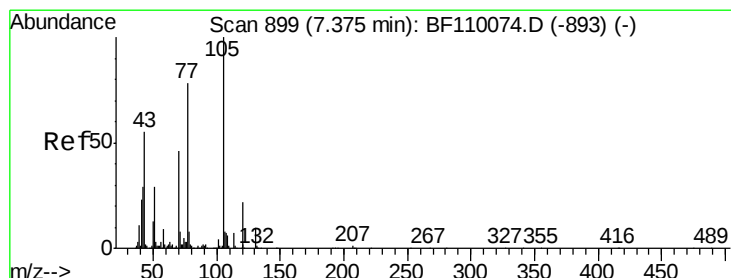
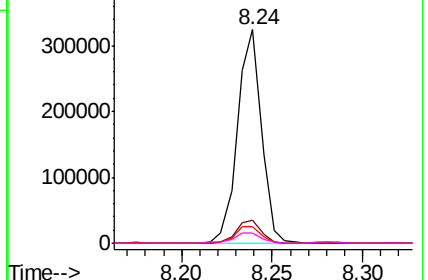
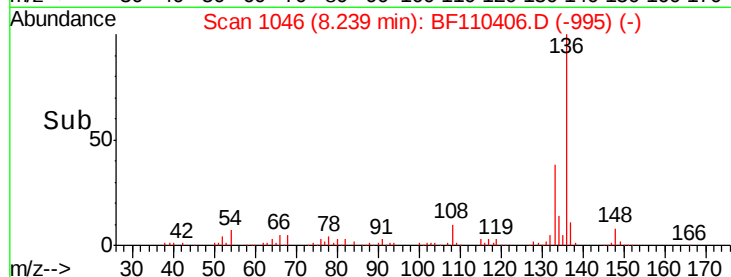


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 18.984 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.03 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Tgt Ion:105 Resp: 130263

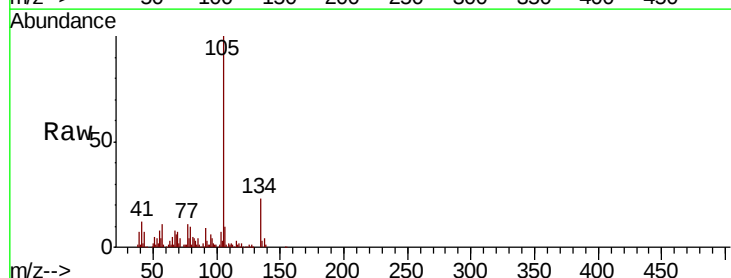
Ion Ratio Lower Upper

105 100

71 4.1 5.2 7.8#

51 4.6 21.8 32.8#

120 0.3 17.0 25.4#

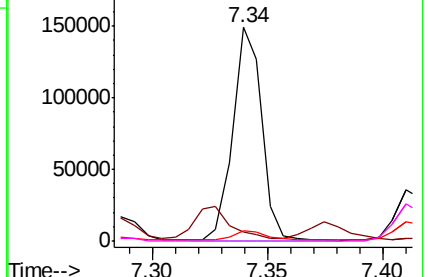
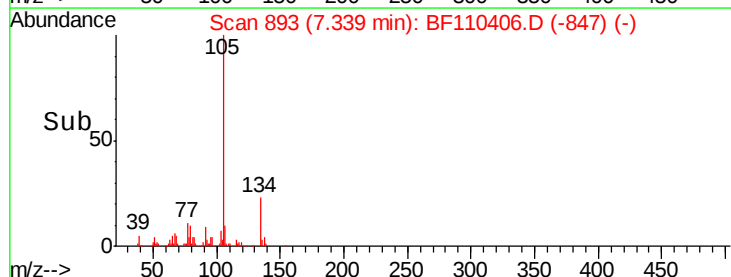


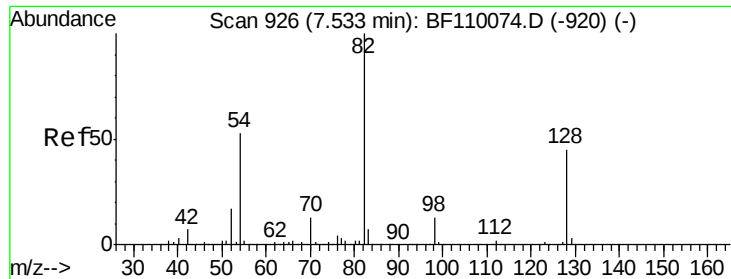
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

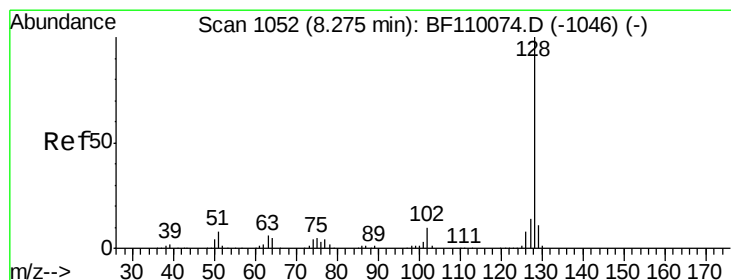
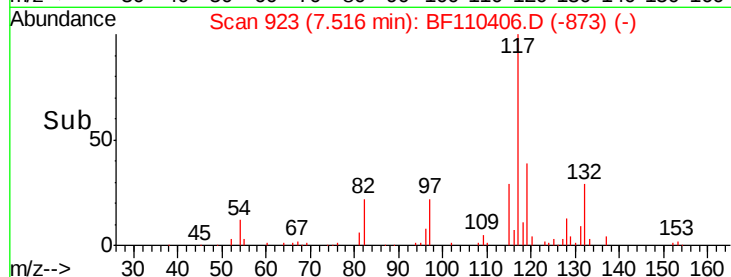
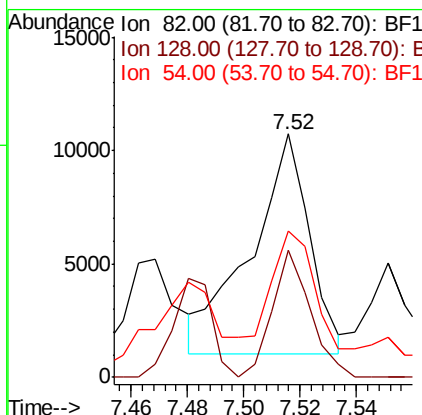
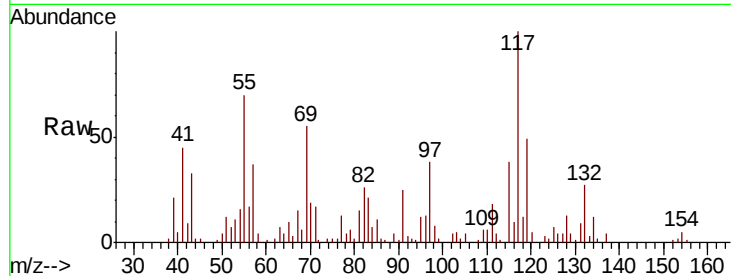




#23
Nitrobenzene-d5
Concen: 2.783 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

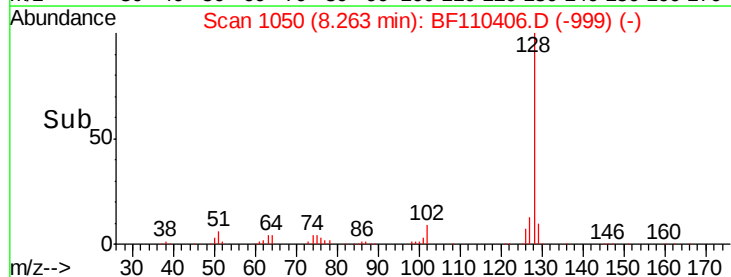
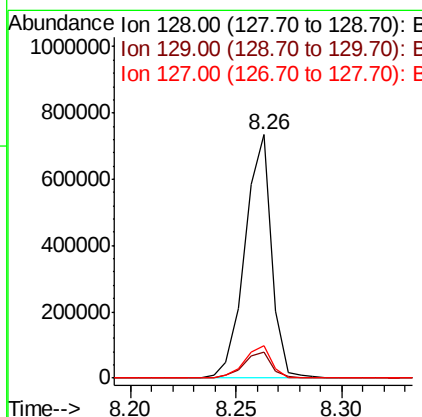
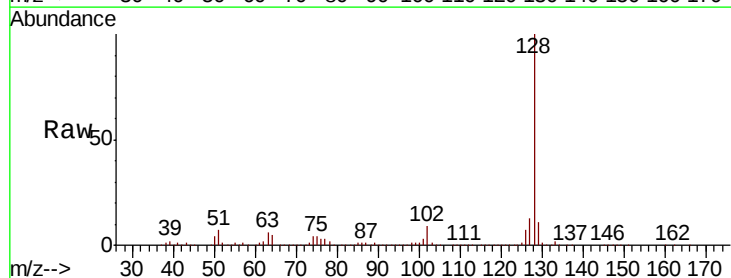
Instrument :
BNA_F
ClientSampled :

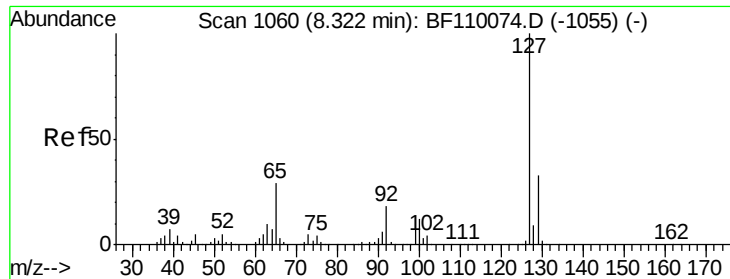
Tot Ion	82	Resp	13974
Ion Ratio	Lower	Upper	
82	100		
128	52.0	34.2	51.2#
54	60.2	38.6	58.0#



#31
Naphthalene
Concen: 46.399 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion	128	Resp	636804
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.1	10.8	16.2

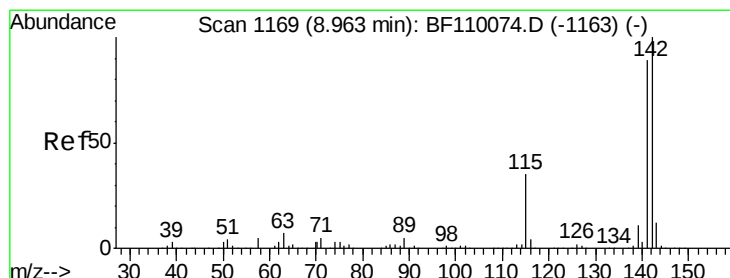
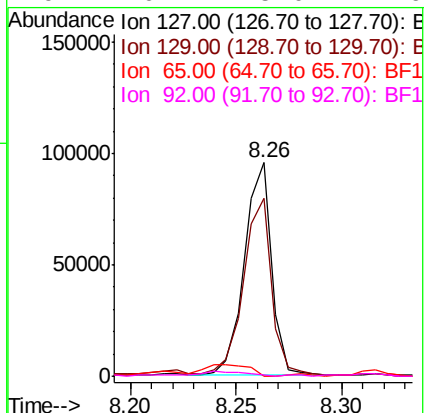
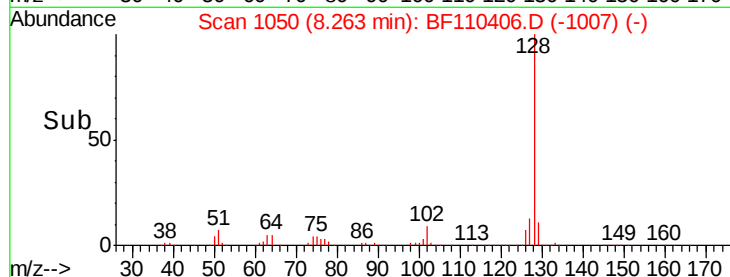
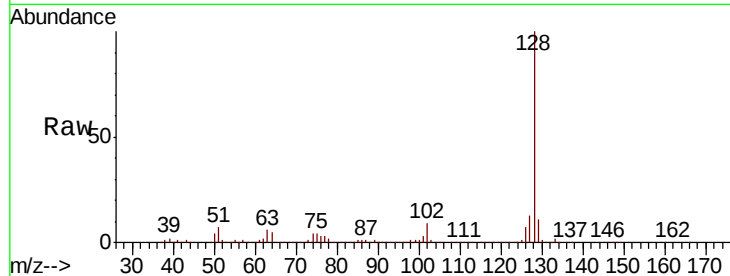




#33
4-Chloroaniline
Concen: 13.799 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.05 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

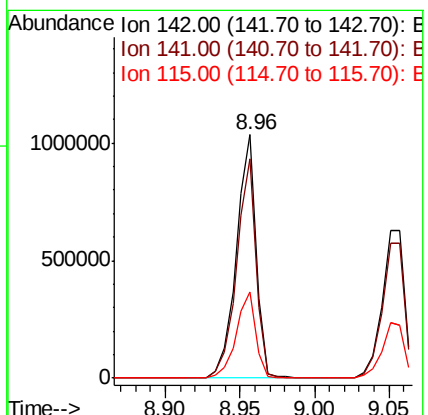
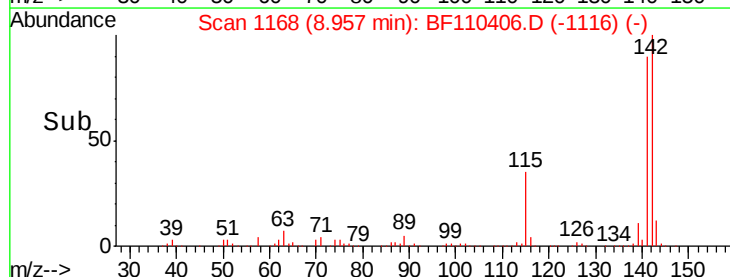
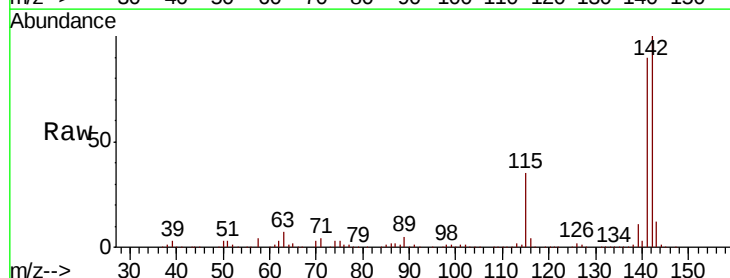
Instrument :
BNA_F
ClientSampled :

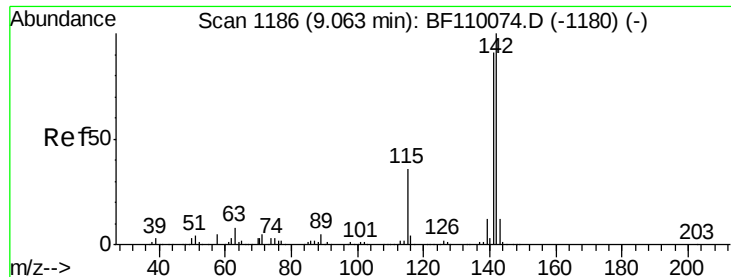
Tot Ion:127 Resp: 85234
Ion Ratio Lower Upper
127 100
129 83.1 26.0 39.0#
65 0.0 25.1 37.7#
92 0.4 15.0 22.6#



#37
2-Methylnaphthalene
Concen: 106.205 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion:142 Resp: 964403
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 35.4 28.7 43.1

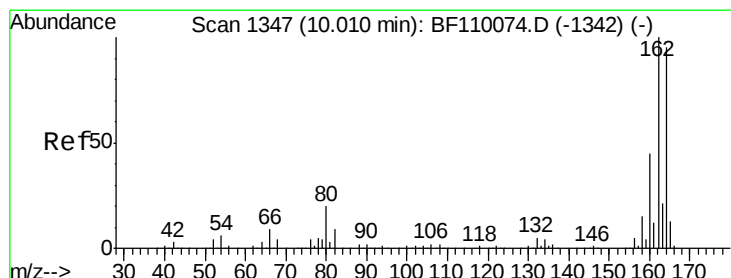
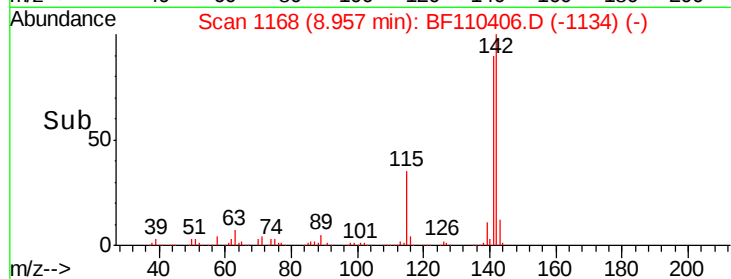
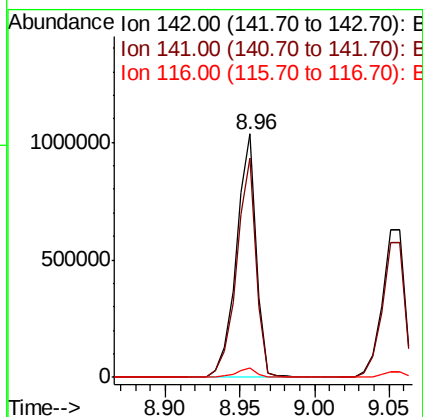
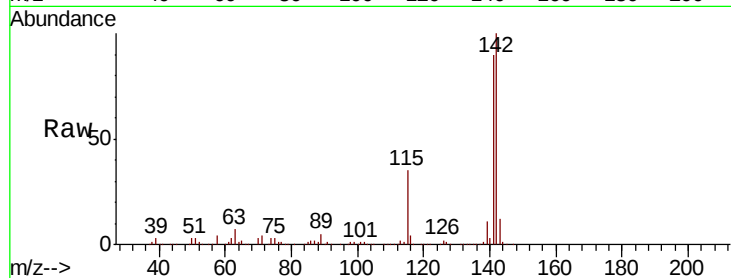




#38
1-Methylnaphthalene
Concen: 109.901 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.10 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

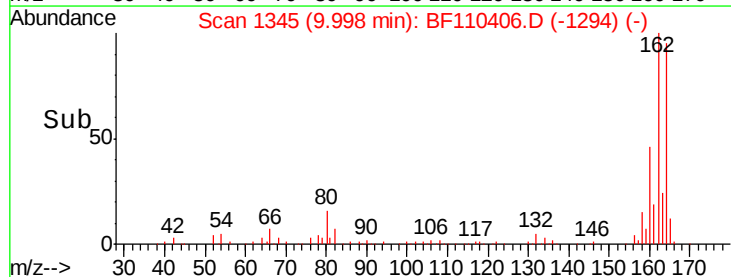
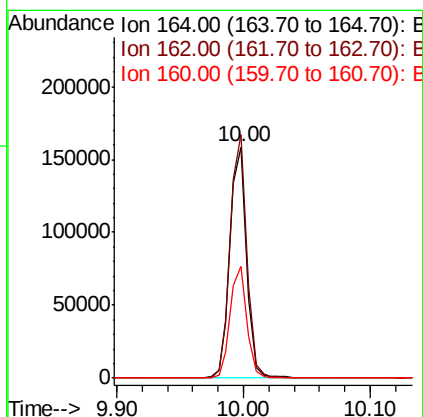
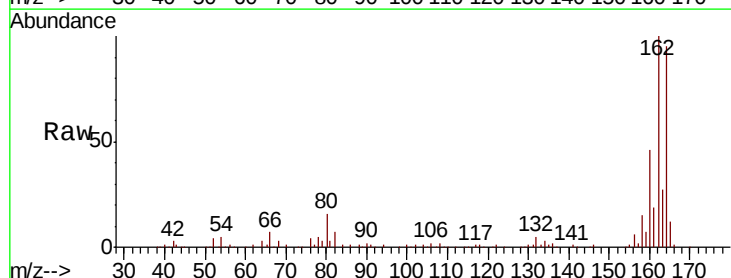
Instrument :
BNA_F
ClientSampled :

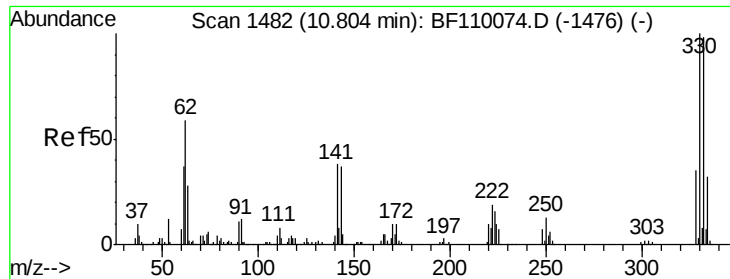
Tot Ion:142 Resp: 964403
Ion Ratio Lower Upper
142 100
141 90.1 74.2 111.4
116 3.7 2.6 4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion:164 Resp: 143780
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 48.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 1.630 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Instrument :

BNA_F

ClientSampleId :

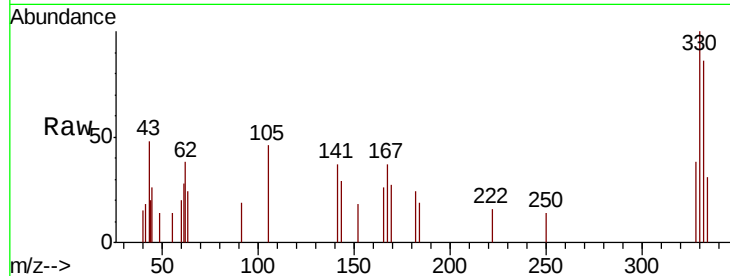
Tot Ion:330 Resp: 2321

Ion Ratio Lower Upper

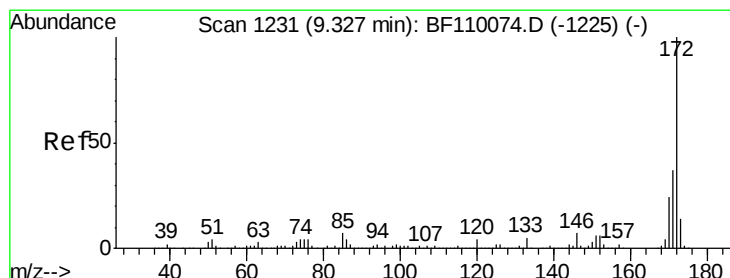
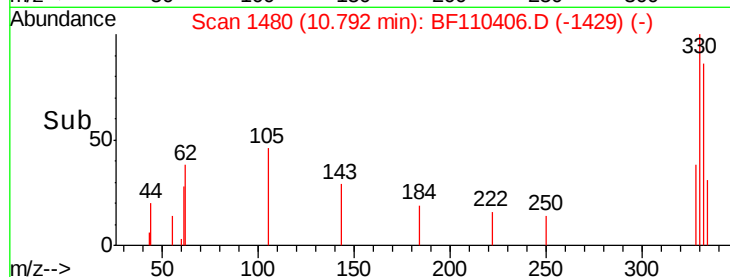
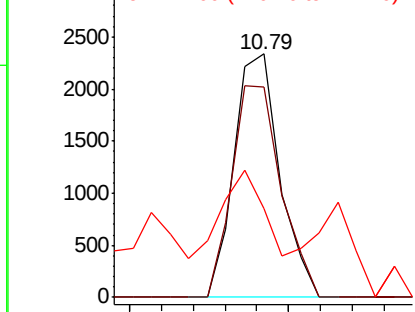
330 100

332 93.8 77.1 115.7

141 55.2 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: 1.834 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

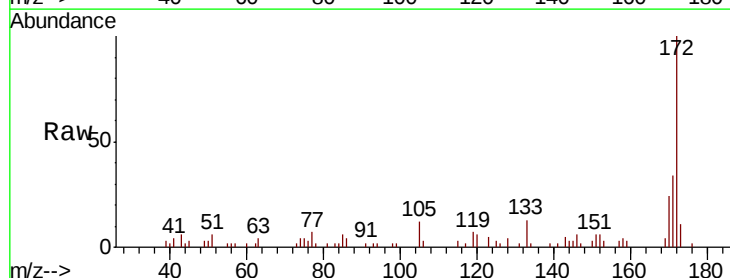
Tgt Ion:172 Resp: 16797

Ion Ratio Lower Upper

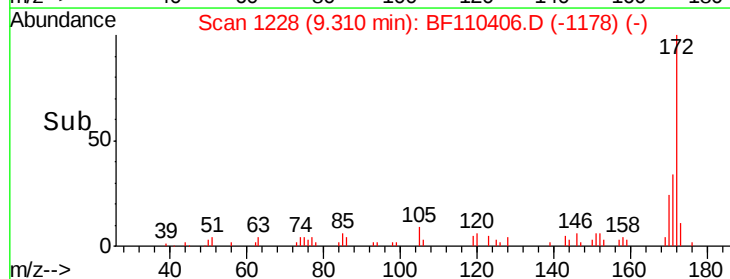
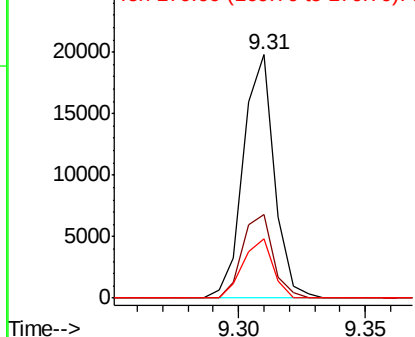
172 100

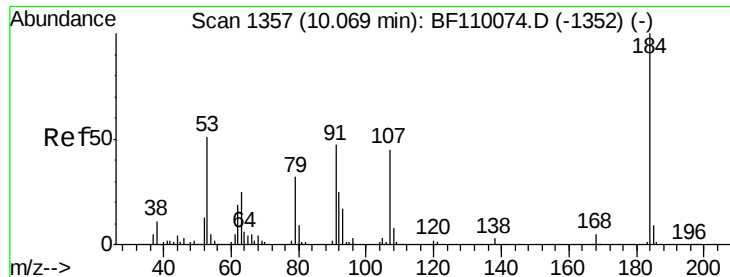
171 34.5 28.6 43.0

170 24.2 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

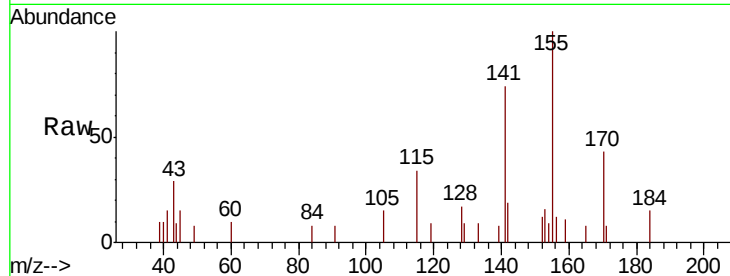




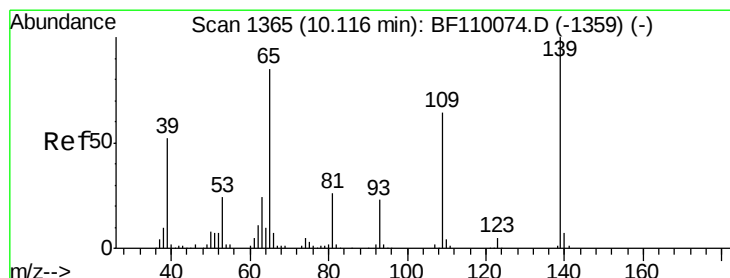
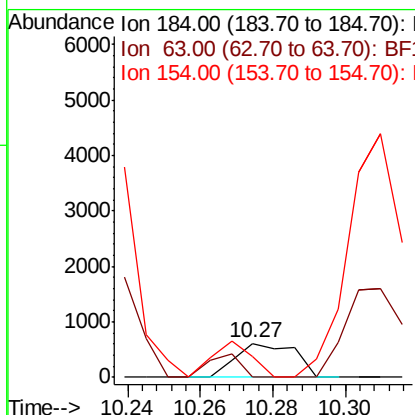
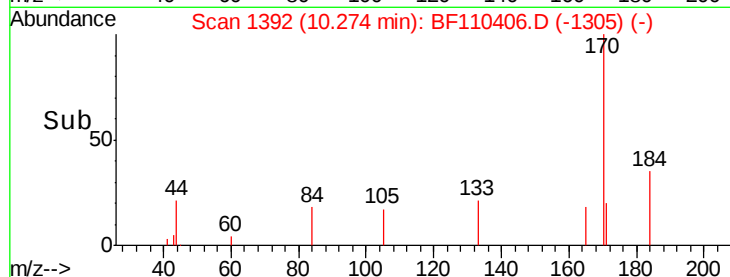
#54
2,4-Dinitrophenol
Concen: 5.892 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.21 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 696
Ion Ratio Lower Upper
184 100
63 0.0 55.8 83.6#
154 62.8 63.2 94.8#

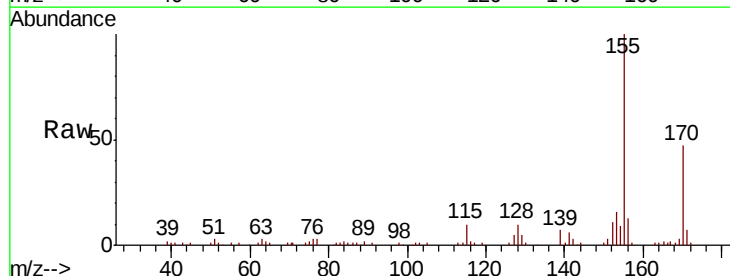


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

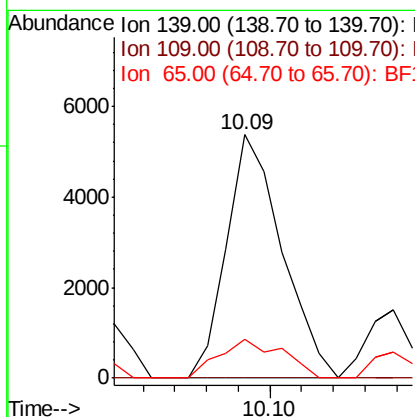
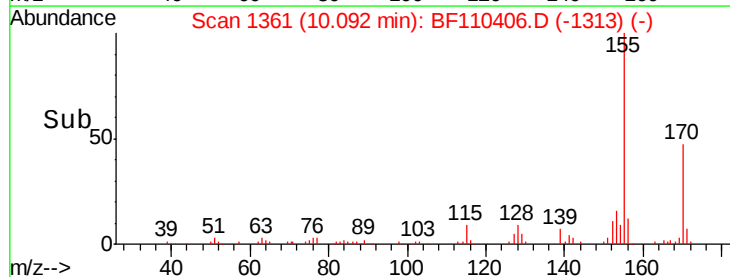


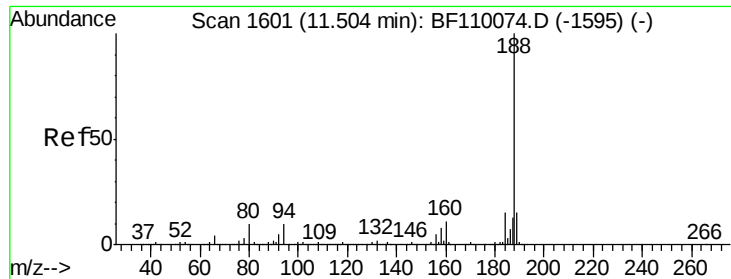
#56
4-Nitrophenol
Concen: 3.231 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF110406.D
Acq: 2 Nov 2018 12:35

Tgt Ion:139 Resp: 6502
Ion Ratio Lower Upper
139 100
109 0.0 55.8 95.8#
65 16.1 77.9 117.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Instrument :

BNA_F

ClientSampleId :

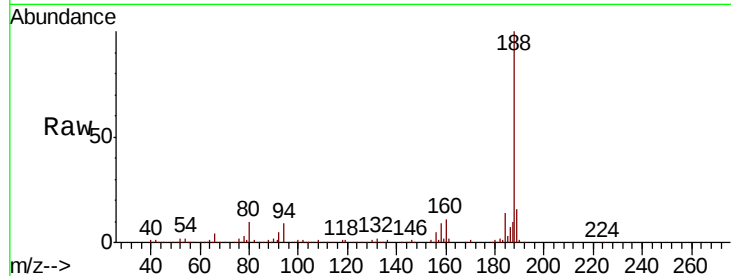
Tot Ion:188 Resp: 254265

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

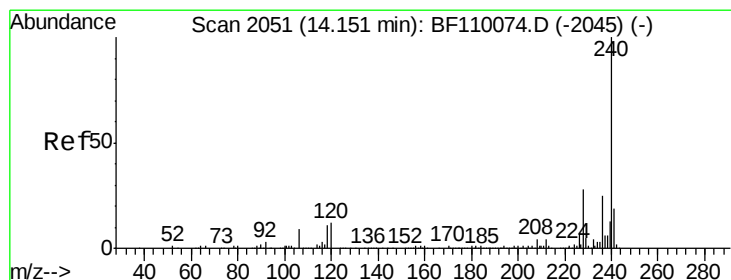
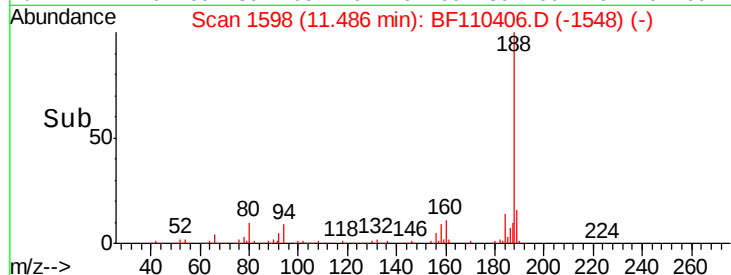
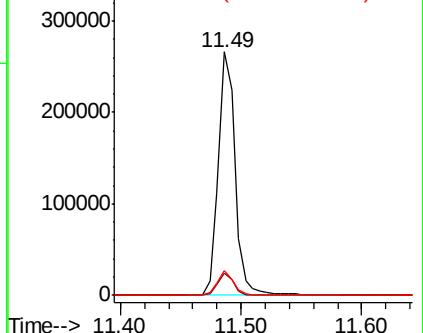
80 10.1 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

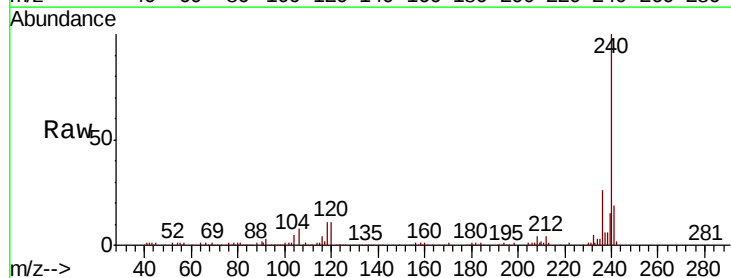
Tgt Ion:240 Resp: 166210

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

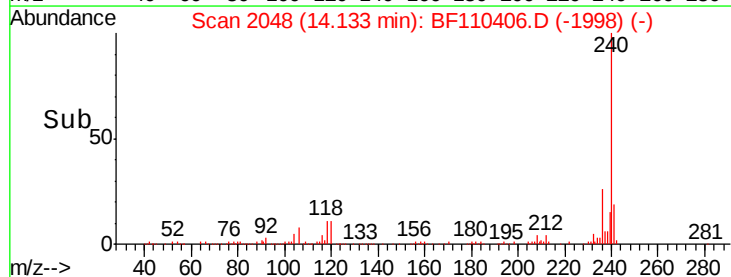
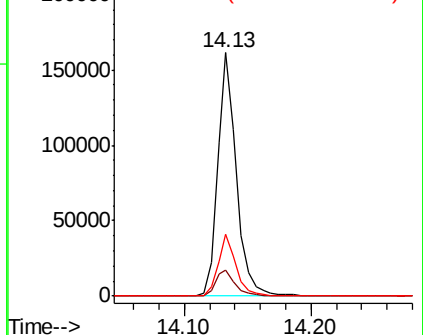
236 25.6 21.2 31.8

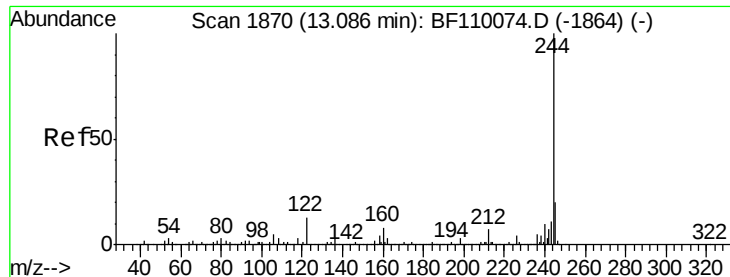


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.608 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

Instrument :

BNA_F

ClientSampleId :

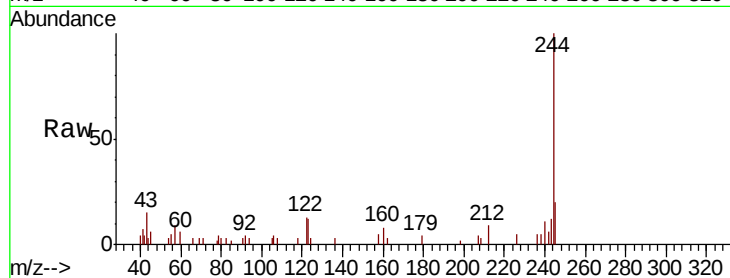
Tot Ion:244 Resp: 12852

Ion Ratio Lower Upper

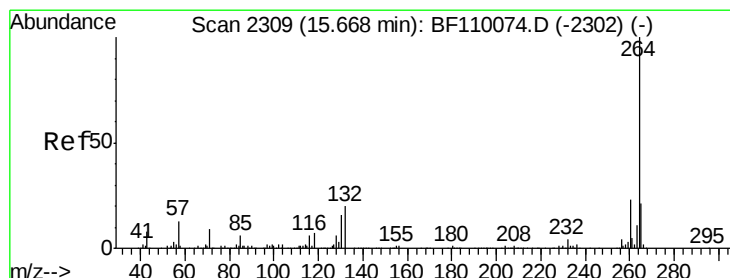
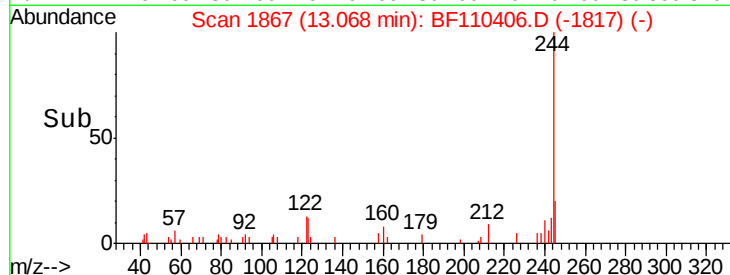
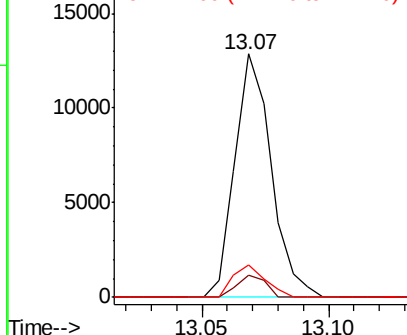
244 100

212 9.0 5.8 8.8#

122 13.4 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BF110406.D

Acq: 2 Nov 2018 12:35

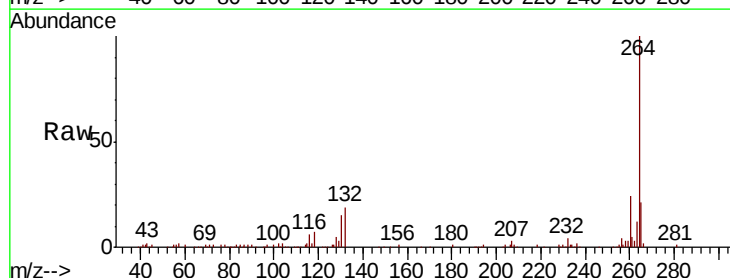
Tgt Ion:264 Resp: 166062

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.1 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

