

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023069.D
 Acq On : 09 Oct 2019 05:59
 Operator : JU
 Sample : K5028-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 06:40:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	190542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	794456	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	457141	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	871529	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	842074	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	987329	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	23090	5.24	ng/uL	0.00
5) Phenol-d5	6.94	99	72360	4.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	163445	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	199204	14.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	130816	9.49	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	114402	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	125088	18.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	233419	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	236054	14.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	719622	20.28	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	805351	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	23366	3.33	ng/ul	0.00
58) Fluorene-d10	15.40	176	583147	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	71510	12.61	ng/ul	0.00
71) Anthracene-d10	17.24	188	870580	20.46	ng/ul	0.00
79) Pyrene-d10	19.54	212	955690	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1065704	20.86	ng/ul	-0.01

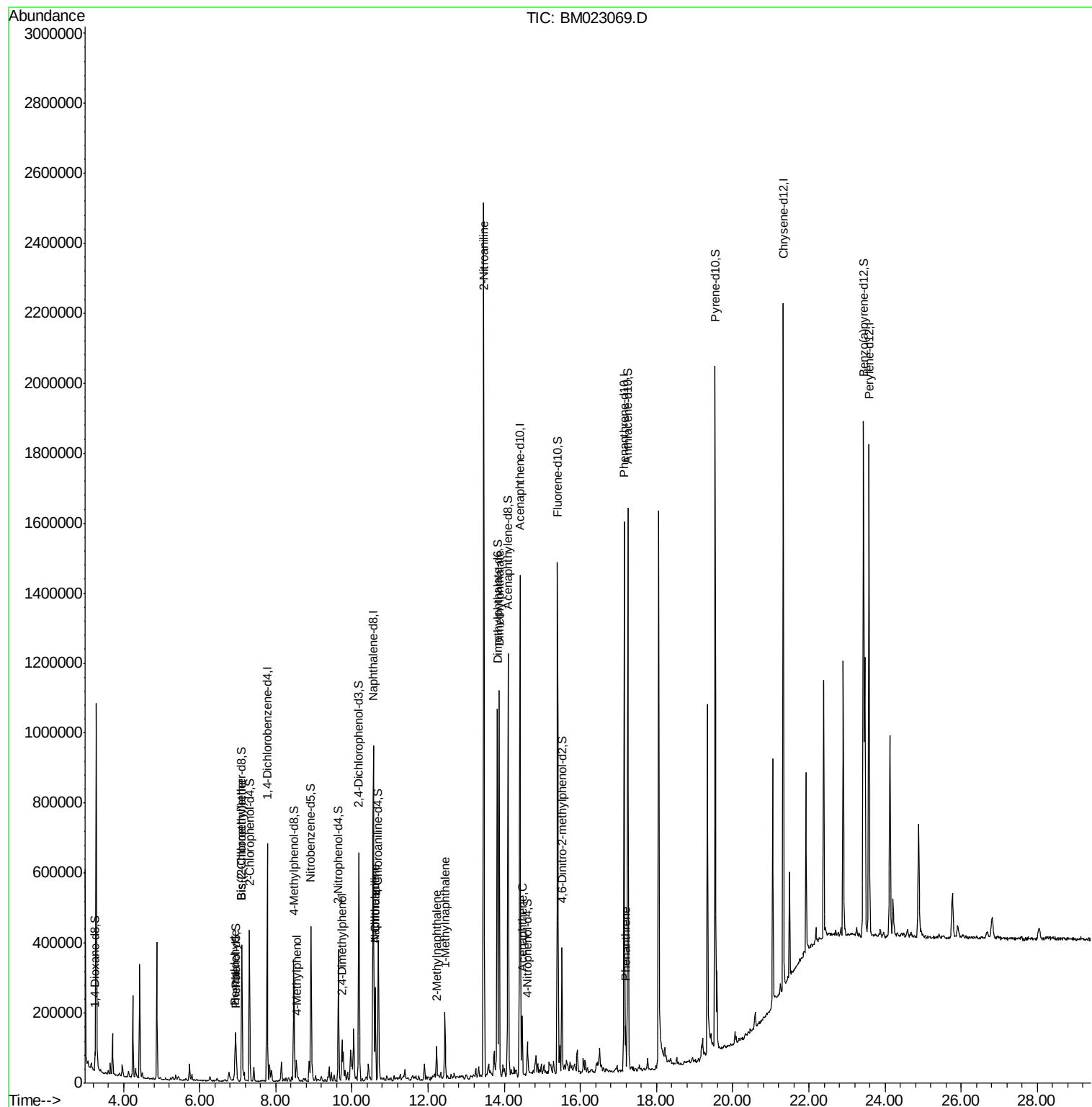
Target Compounds				Ovalue		
4) Benzaldehyde	6.92	77	13598	1.782	ng/ul#	82
6) Phenol	6.97	94	39890	2.260	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	23134	1.733	ng/ul#	34
16) 4-Methylphenol	8.55	108	23482	1.561	ng/ul	90
24) 2,4-Dimethylphenol	9.74	107	42159	2.828	ng/ul	97
28) Naphthalene	10.61	128	209787	4.890	ng/ul	99
30) 4-Chloroaniline	10.61	127	27602	1.618	ng/ul#	11
34) 2-Methylnaphthalene	12.23	142	46406	1.443	ng/ul	99
35) 1-Methylnaphthalene	12.44	142	84363	2.746	ng/ul	100
43) 2-Nitroaniline	13.46	65	69950	9.426	ng/ul#	3
45) Dimethylphthalate	13.87	163	718453	19.713	ng/ul	100
50) Acenaphthene	14.47	153	66405	2.156	ng/ul	100
70) Phenanthrene	17.19	178	75675	1.455	ng/ul	99

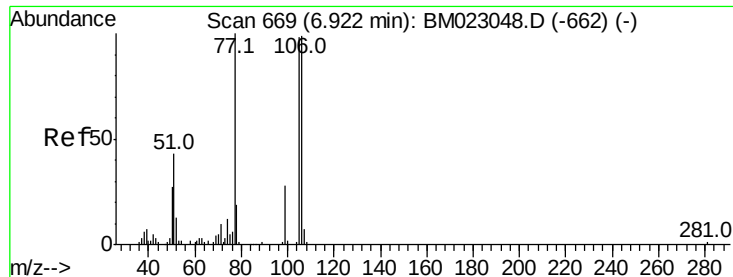
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.782 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

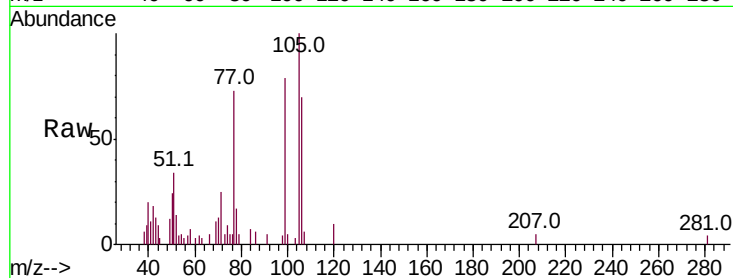
Tot Ion: 77 Resp: 13598

Ion Ratio Lower Upper

77 100

105 136.8 80.6 120.8#

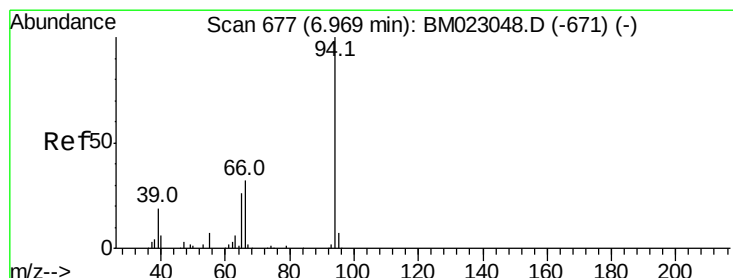
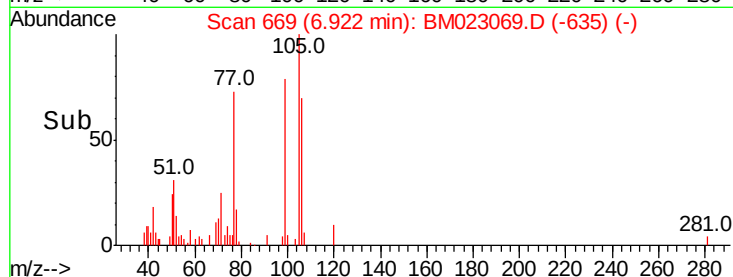
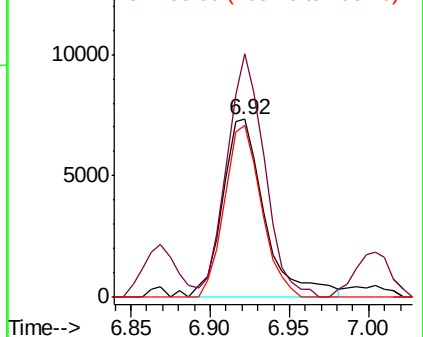
106 96.4 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM023069.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM023069.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM023069.D (-635) (-)



#6

Phenol

Concen: 2.260 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

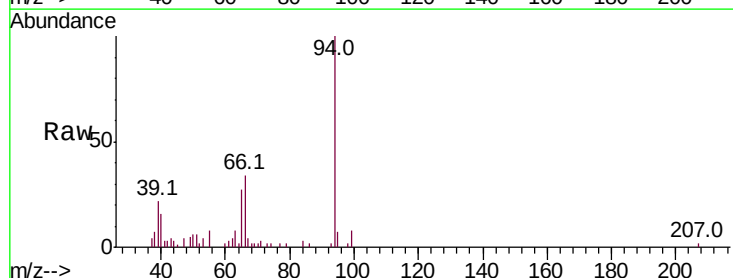
Tgt Ion: 94 Resp: 39890

Ion Ratio Lower Upper

94 100

65 27.4 20.9 31.3

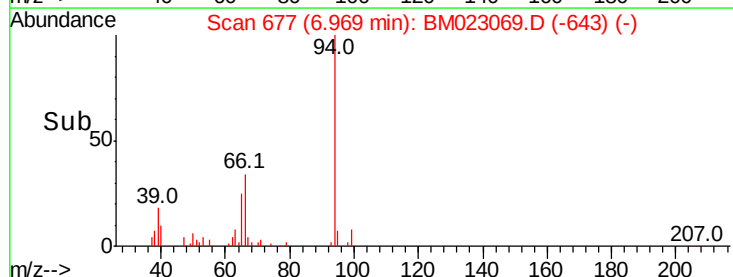
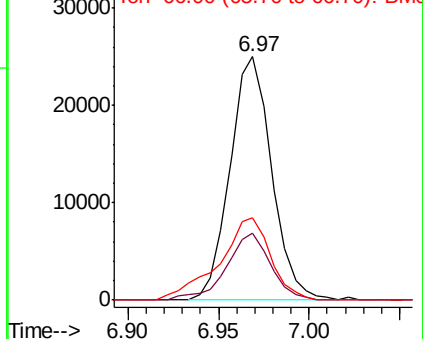
66 34.0 27.2 40.8

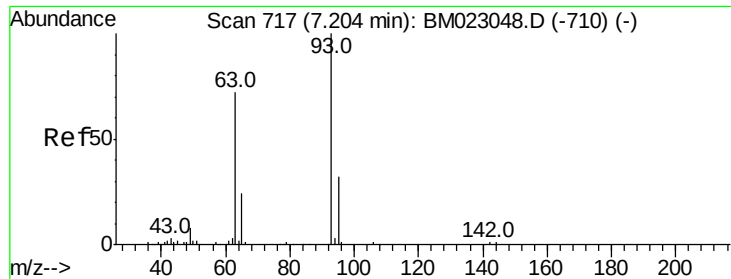


Abundance Ion 94.00 (93.70 to 94.70): BM023069.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM023069.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM023069.D (-643) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 1.733 ng/ul

RT: 7.10 min Scan# 700

Delta R.T. -0.09 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

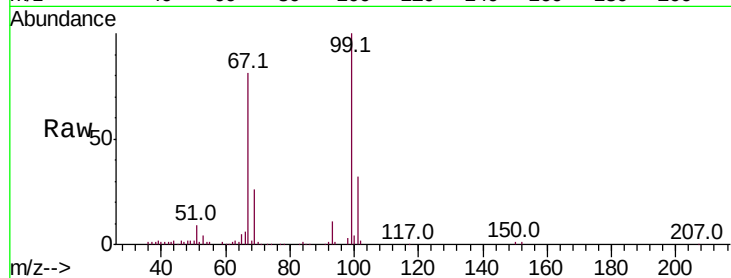
Tot Ion: 93 Resp: 23134

Ion Ratio Lower Upper

93 100

63 15.7 59.1 88.7#

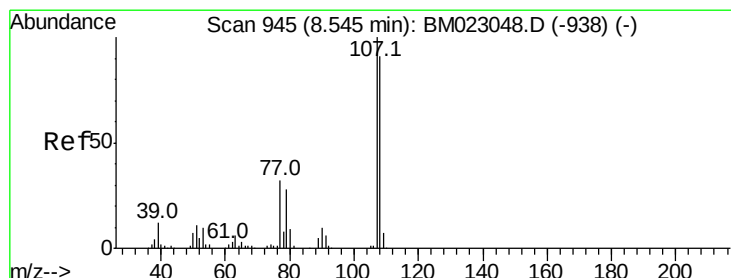
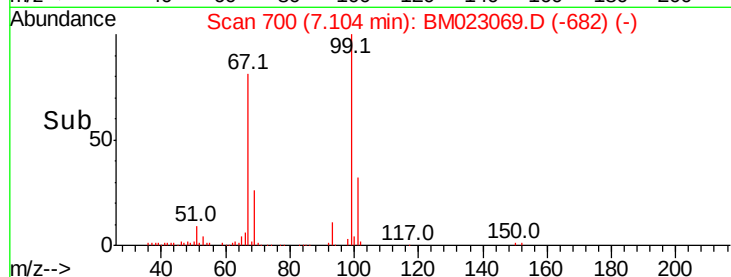
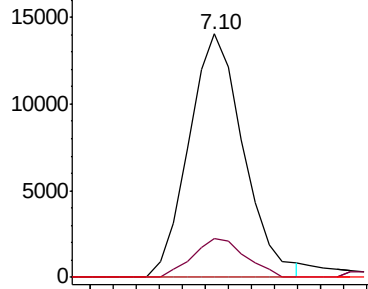
95 0.0 26.3 39.5#



Abundance Ion 93.00 (92.70 to 93.70): BM023048.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM023048.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM023048.D (-710) (-)



#16

4-Methylphenol

Concen: 1.561 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM023069.D

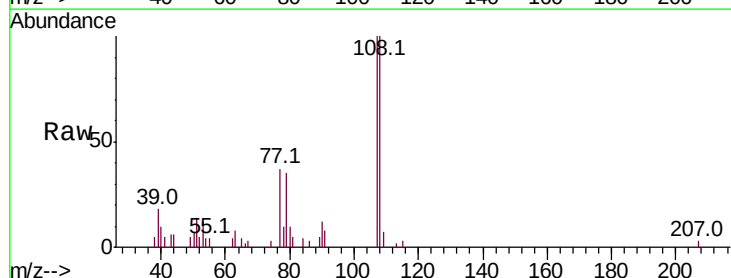
Acq: 09 Oct 2019 05:59

Tgt Ion: 108 Resp: 23482

Ion Ratio Lower Upper

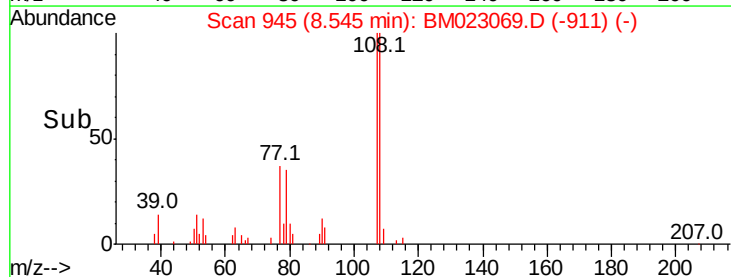
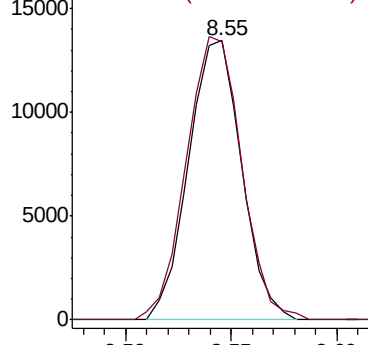
108 100

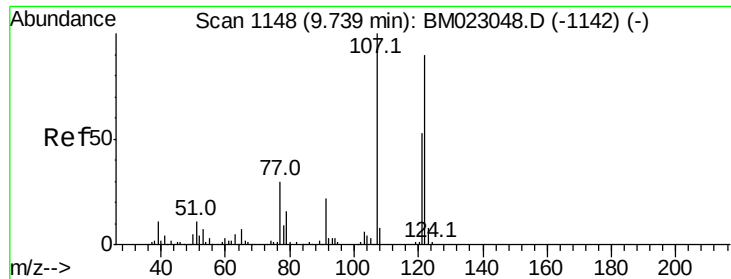
107 99.7 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): BM023048.D (-938) (-)

Ion 107.00 (106.70 to 107.70): BM023048.D (-938) (-)





#24

2,4-Dimethylphenol

Concen: 2.828 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

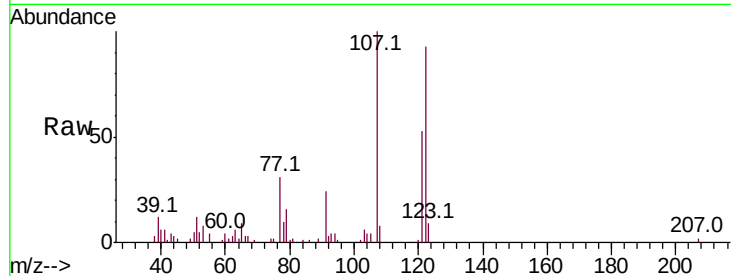
Tot Ion:107 Resp: 42159

Ion Ratio Lower Upper

107 100

121 52.9 43.0 64.4

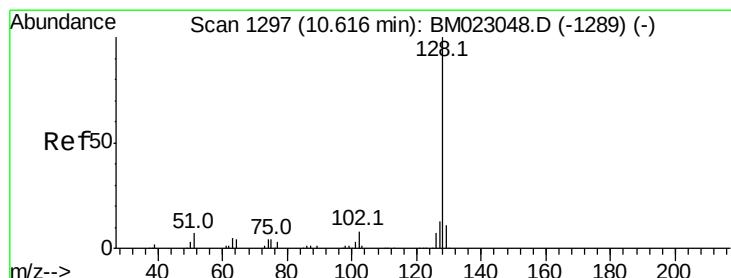
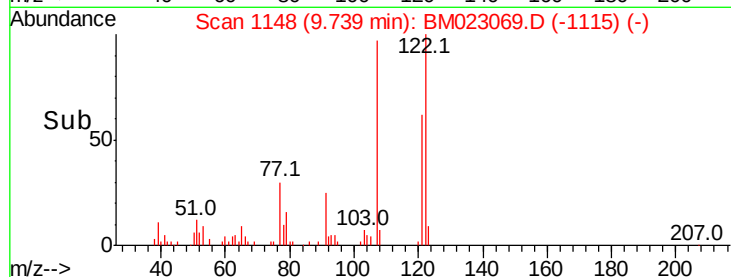
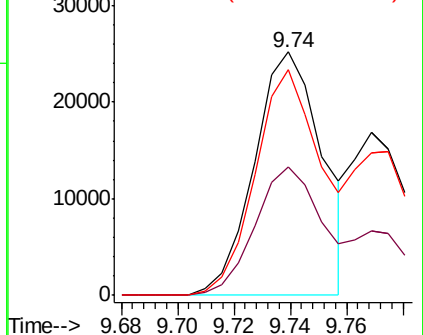
122 92.6 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 4.890 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

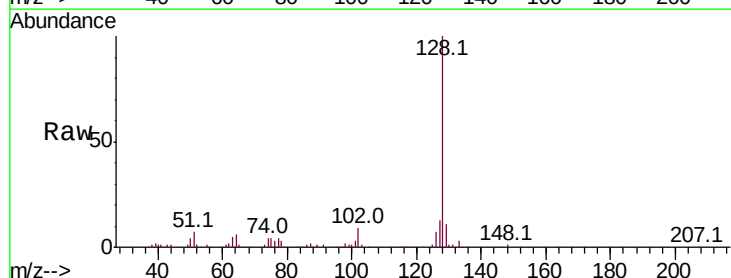
Tgt Ion:128 Resp: 209787

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

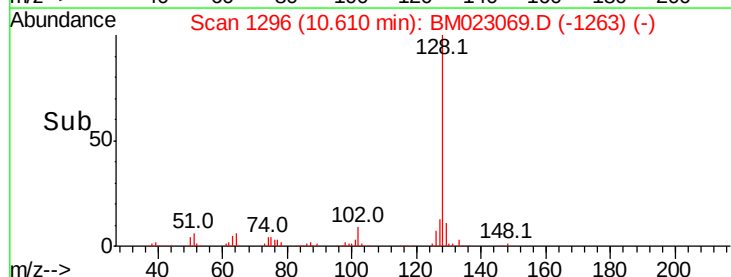
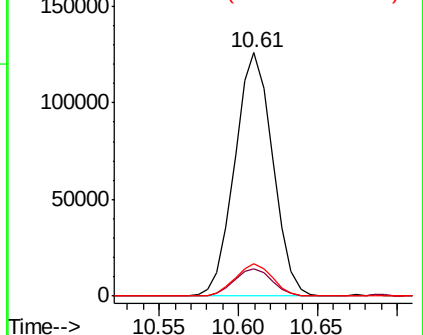
127 13.4 10.2 15.4

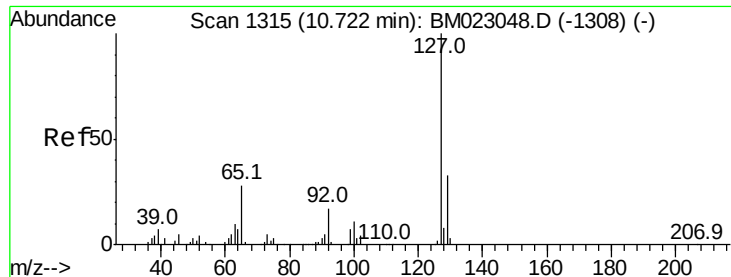


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

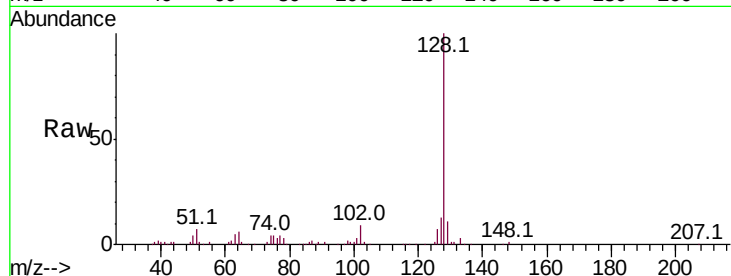




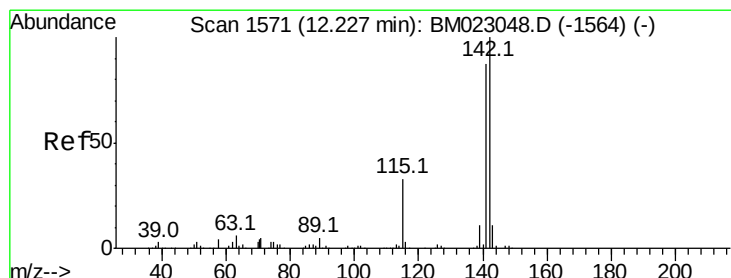
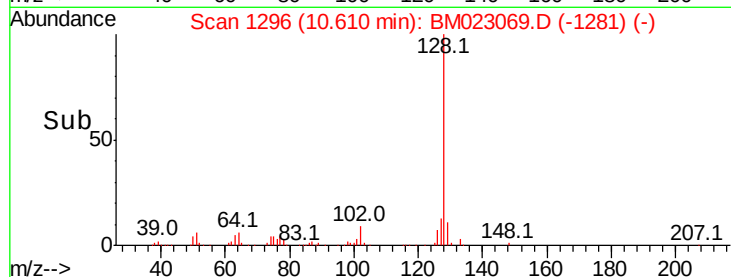
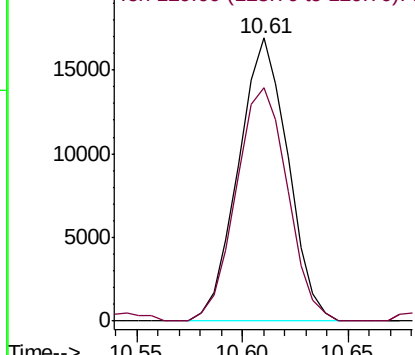
#30
4-Chloroaniline
Concen: 1.618 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 27602
Ion Ratio Lower Upper
127 100
129 82.3 26.0 39.0#

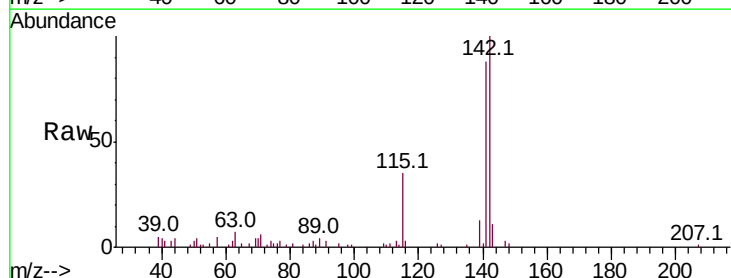


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

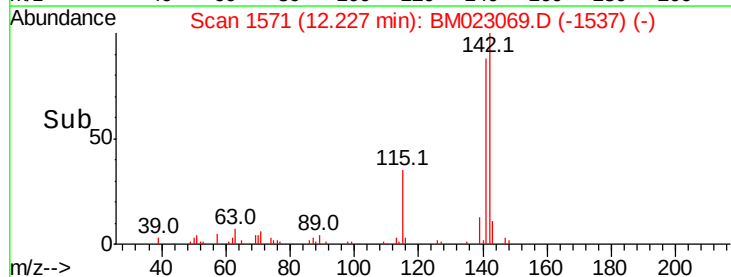
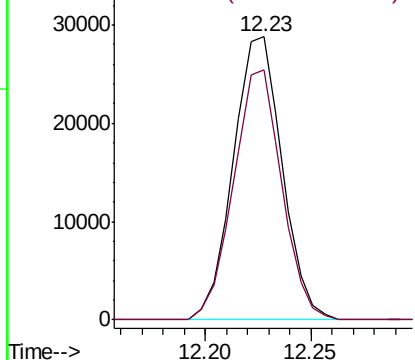


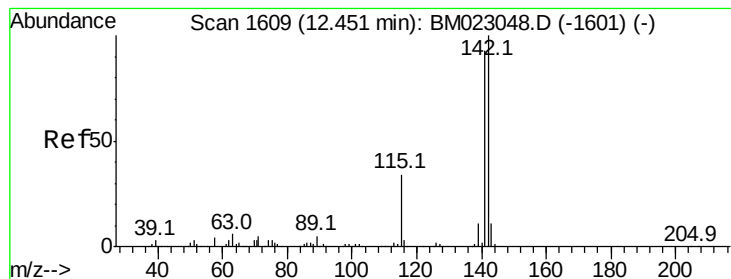
#34
2-Methylnaphthalene
Concen: 1.443 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Tgt Ion:142 Resp: 46406
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 2.746 ng/ul

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

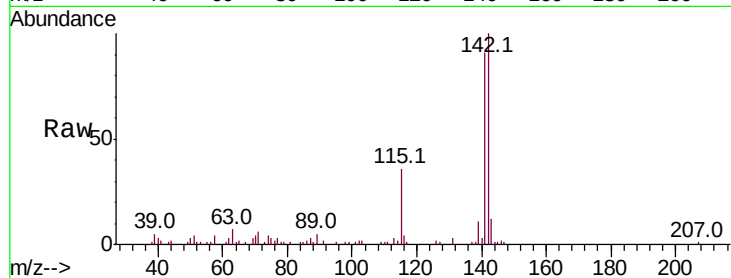
Tot Ion:142 Resp: 84363

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

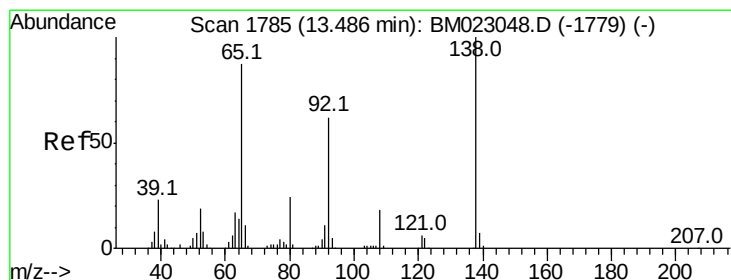
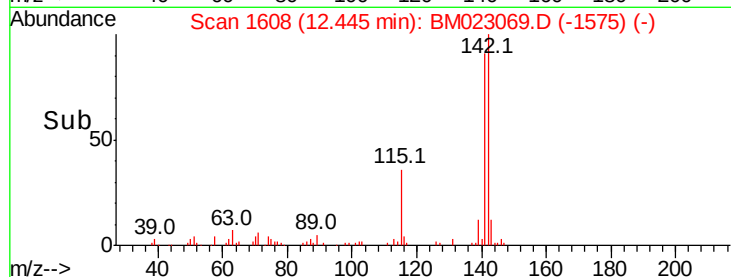
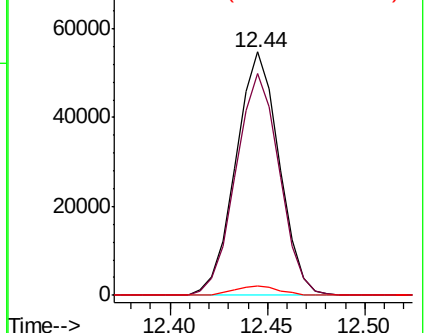
116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#43

2-Nitroaniline

Concen: 9.426 ng/ul

RT: 13.46 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

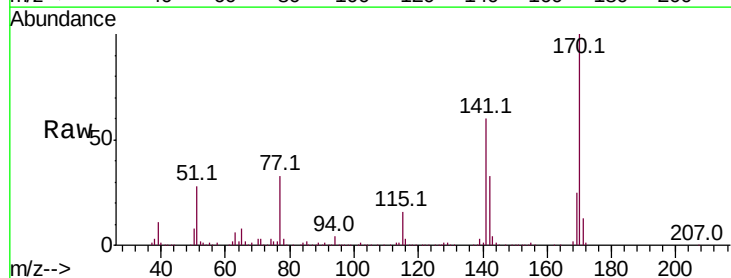
Tgt Ion: 65 Resp: 69950

Ion Ratio Lower Upper

65 100

92 4.6 58.4 87.6#

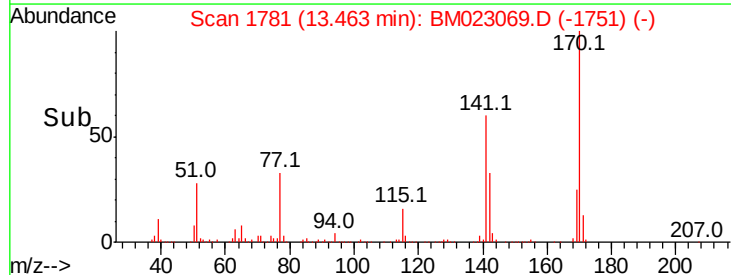
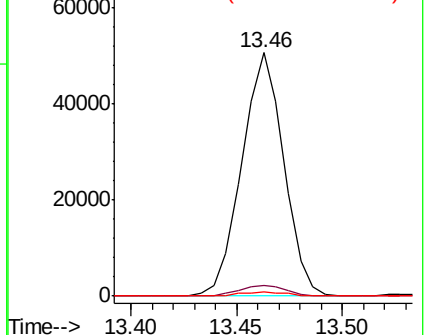
138 1.6 95.6 143.4#

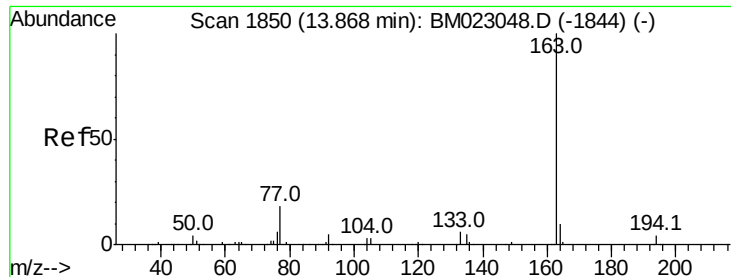


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#45

Dimethylphthalate

Concen: 19.713 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

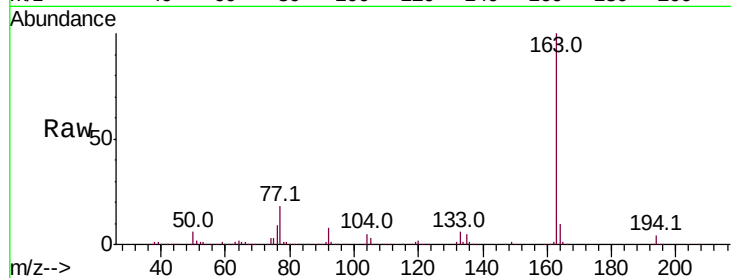
Tot Ion:163 Resp: 718453

Ion Ratio Lower Upper

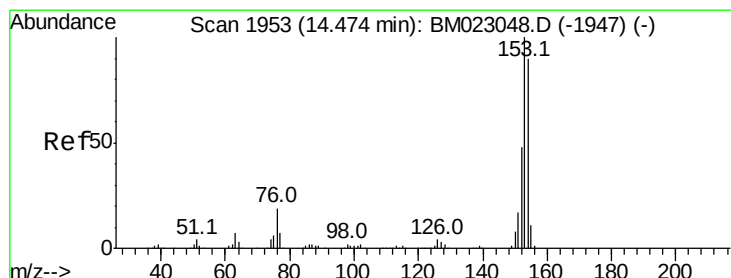
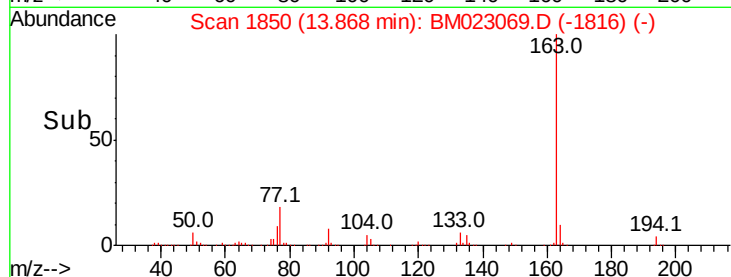
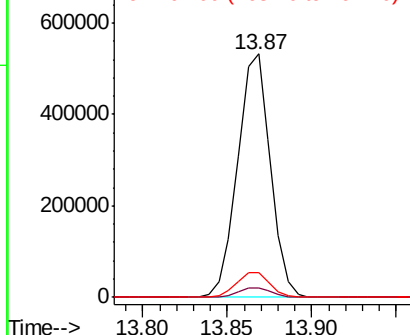
163 100

194 4.1 3.4 5.0

164 9.9 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



#50

Acenaphthene

Concen: 2.156 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

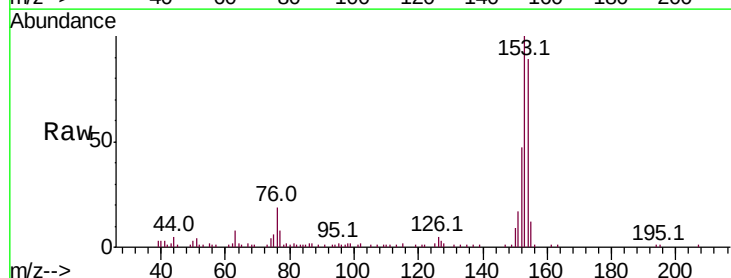
Tgt Ion:153 Resp: 66405

Ion Ratio Lower Upper

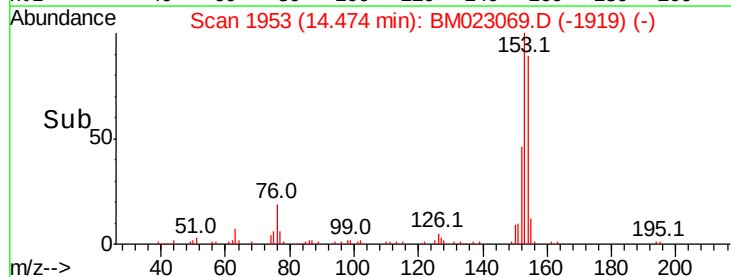
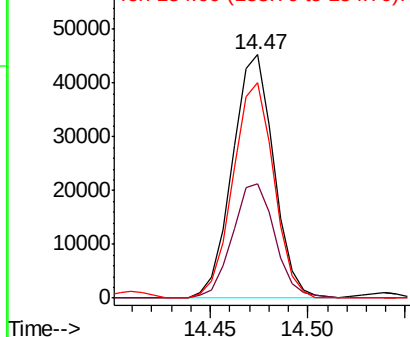
153 100

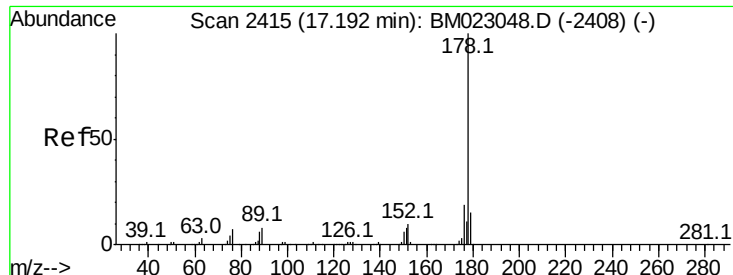
152 47.2 38.1 57.1

154 88.6 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 1.455 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023069.D

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ClientSampleId :

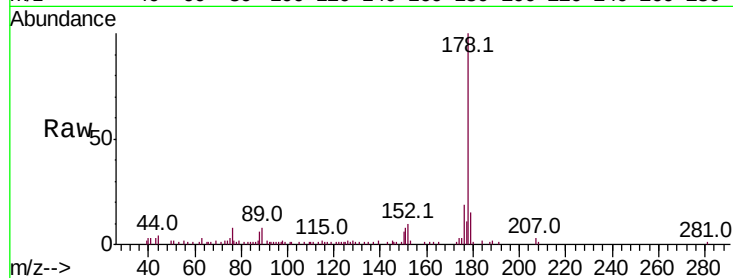
Tot Ion:178 Resp: 75675

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.7 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

