

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022921.D
 Acq On : 03 Oct 2019 15:36
 Operator : JU
 Sample : K4932-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG5

Quant Time: Oct 04 01:21:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	230928	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	967096	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	567376	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	975580	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	779663	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	887489	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	31641	5.93	ng/uL	0.00
5) Phenol-d5	6.97	99	149969	7.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	297484	26.64	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	384360	23.39	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	262103	15.69	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	229026	30.68	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	245534	30.13	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	434557	26.78	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	550889	27.94	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1344074	30.52	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1568034	30.84	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	56892	6.54	ng/ul	-0.01
58) Fluorene-d10	15.42	176	1129407	30.09	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	179453	28.27	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1634207	34.30	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1558973	37.15	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1590176	34.64	ng/ul	-0.03

Target Compounds

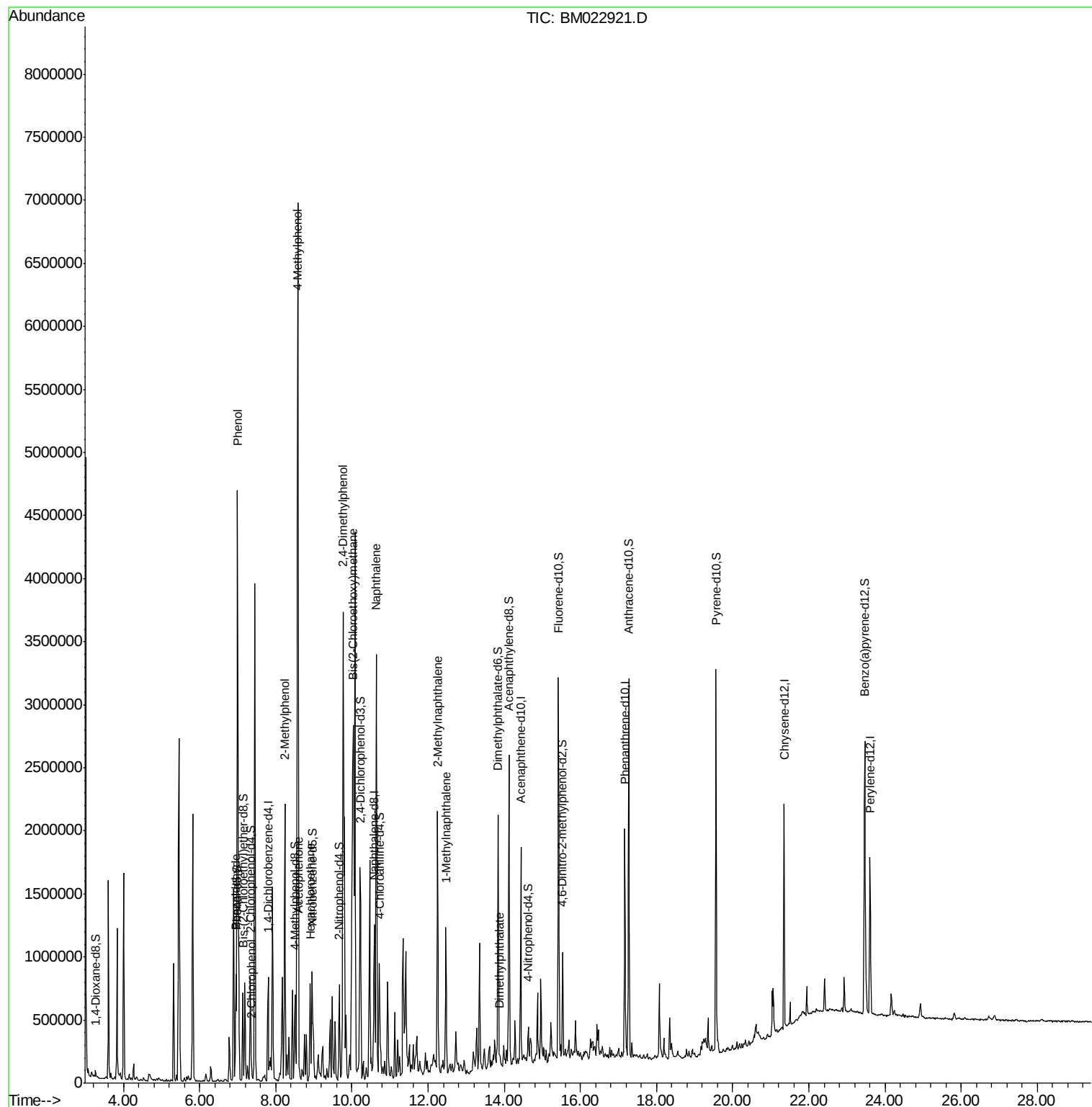
					Ovalue	
4) Benzaldehyde	6.95	77	74643	8.072	ng/ul#	1
6) Phenol	7.00	94	2804518	131.114	ng/ul	100
10) 2-Chlorophenol	7.36	128	50765	2.880	ng/ul	98
11) 2-Methylphenol	8.24	108	745294	45.208	ng/ul	99
14) Acetophenone	8.60	105	165836	6.494	ng/ul#	56
16) 4-Methylphenol	8.58	108	3299814	181.023	ng/ul	95
17) Hexachloroethane	8.90	117	95766	14.298	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	1374910	75.757	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	46973	2.146	ng/ul#	1
28) Naphthalene	10.64	128	2587942	49.550	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	991440	25.318	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	535842	14.327	ng/ul	99
45) Dimethylphthalate	13.89	163	53025	1.172	ng/ul#	95

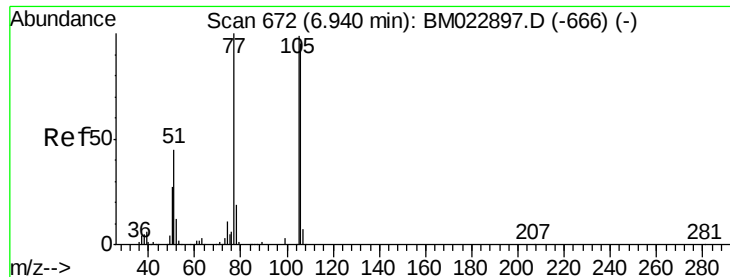
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 8.072 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

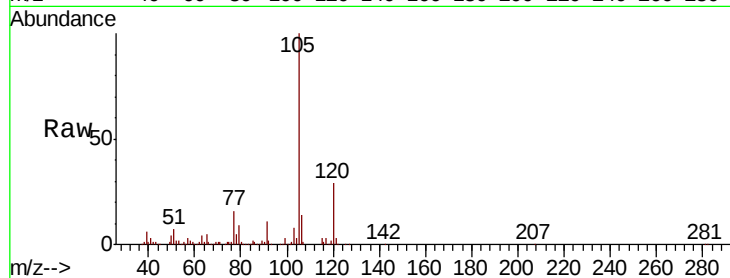
Tot Ion: 77 Resp: 74643

Ion Ratio Lower Upper

77 100

105 610.4 80.6 120.8#

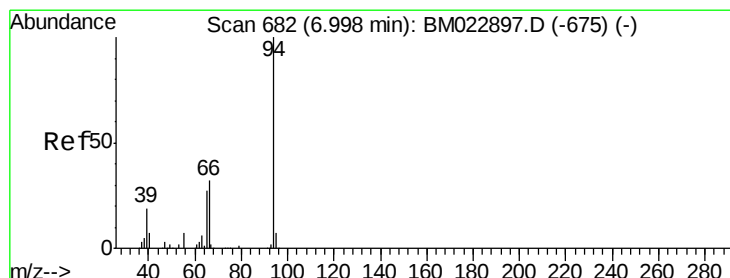
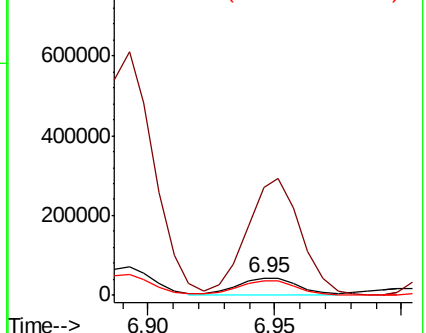
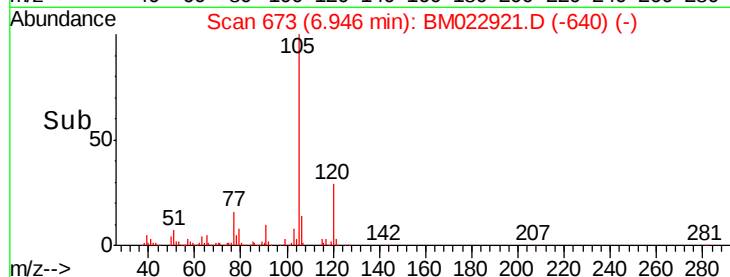
106 85.8 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022921.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022921.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022921.D (-640) (-)



#6

Phenol

Concen: 131.114 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

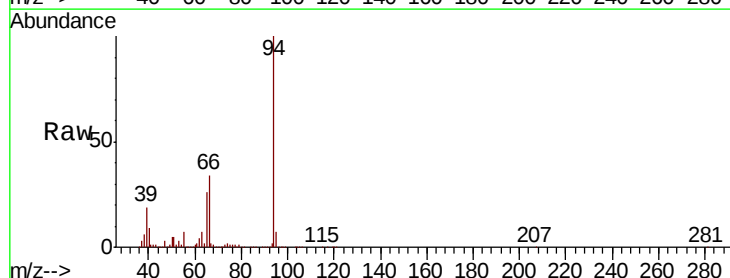
Tgt Ion: 94 Resp: 2804518

Ion Ratio Lower Upper

94 100

65 26.1 20.9 31.3

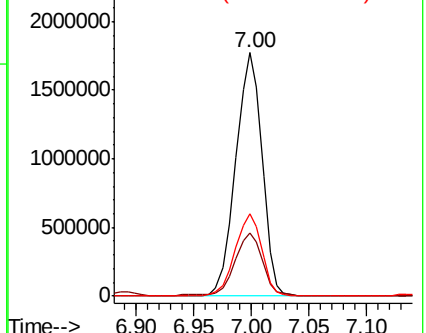
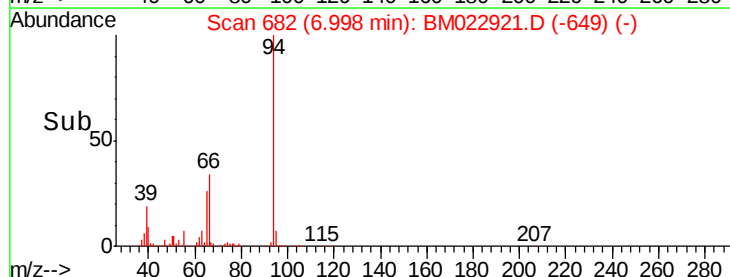
66 33.9 27.2 40.8

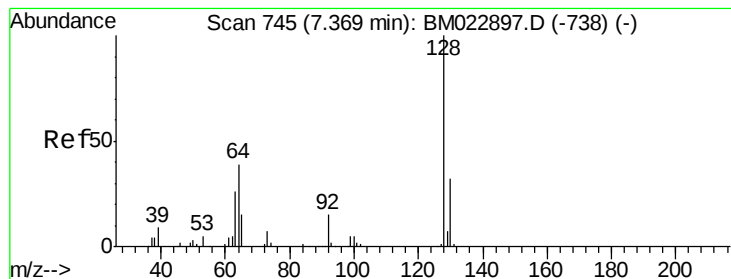


Abundance Ion 94.00 (93.70 to 94.70): BM022921.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022921.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022921.D (-649) (-)





#10

2-Chlorophenol

Concen: 2.880 ng/ul

RT: 7.36 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

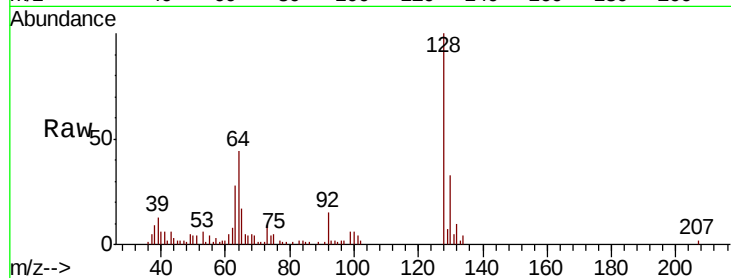
Tot Ion:128 Resp: 50765

Ion Ratio Lower Upper

128 100

64 43.9 34.1 51.1

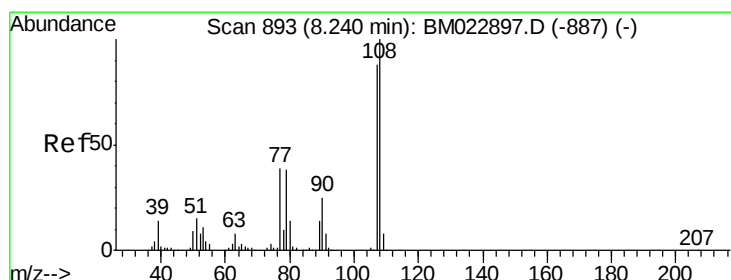
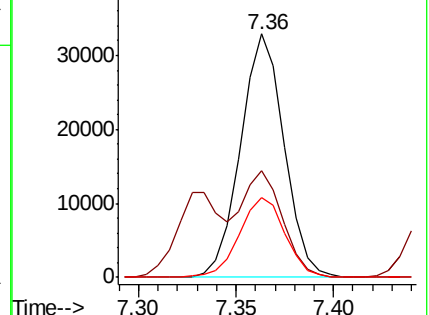
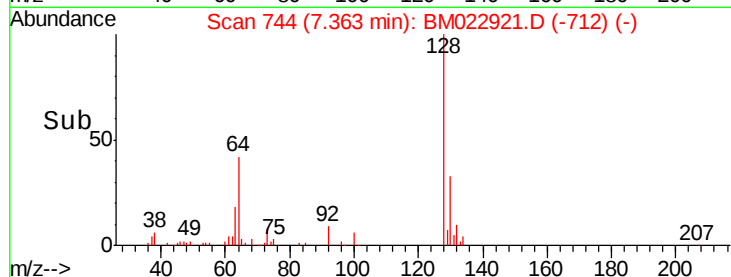
130 33.0 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 45.208 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM022921.D

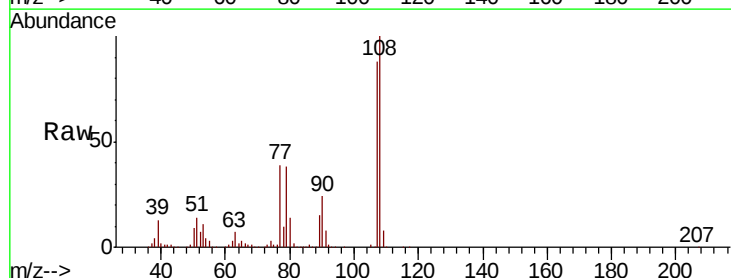
Acq: 03 Oct 2019 15:36

Tgt Ion:108 Resp: 745294

Ion Ratio Lower Upper

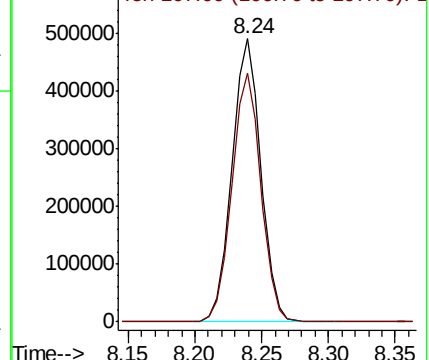
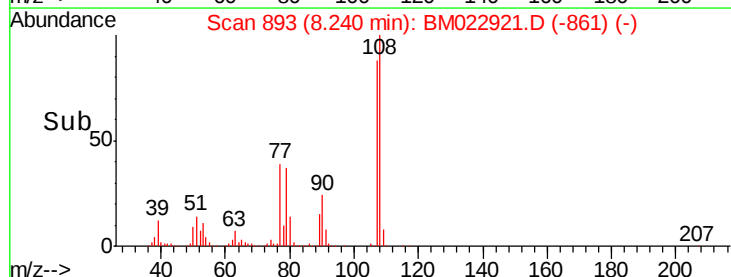
108 100

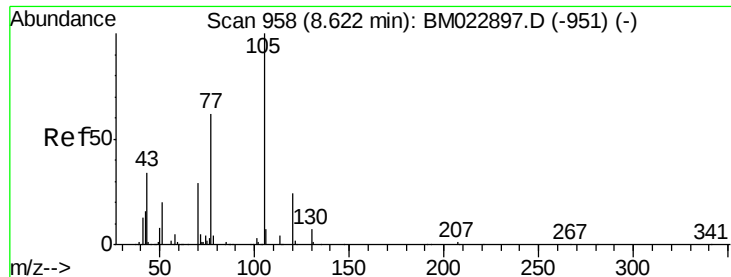
107 88.0 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 6.494 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

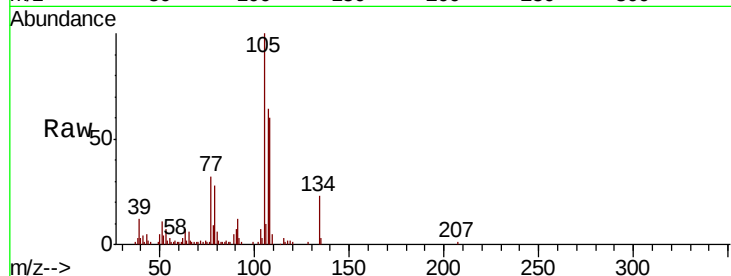
Tot Ion:105 Resp: 165836

Ion Ratio Lower Upper

105 100

77 32.2 59.4 89.0#

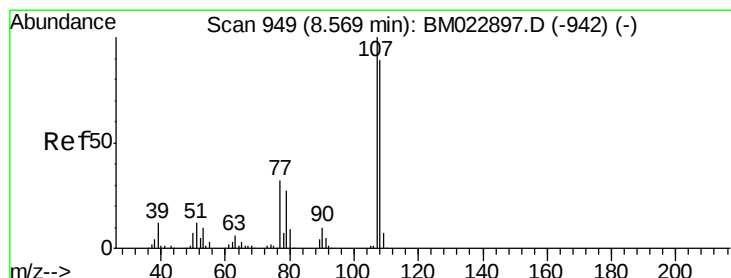
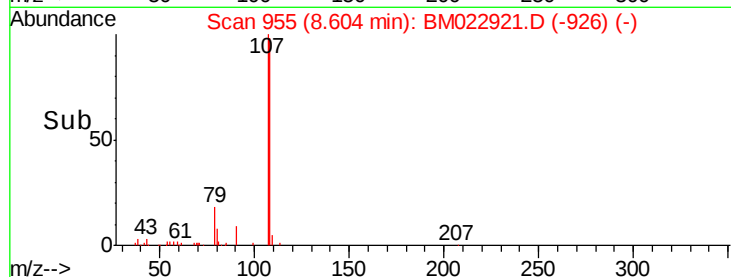
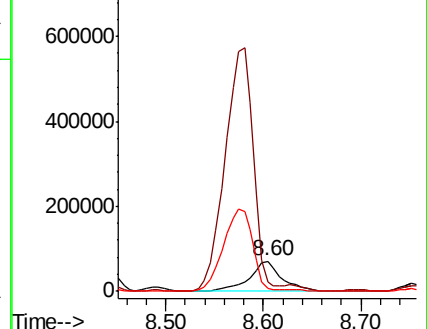
51 11.1 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 181.023 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM022921.D

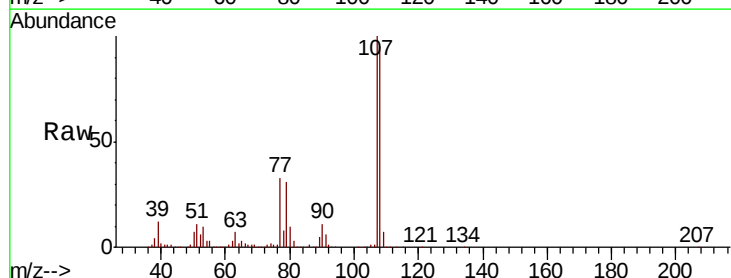
Acq: 03 Oct 2019 15:36

Tgt Ion:108 Resp: 3299814

Ion Ratio Lower Upper

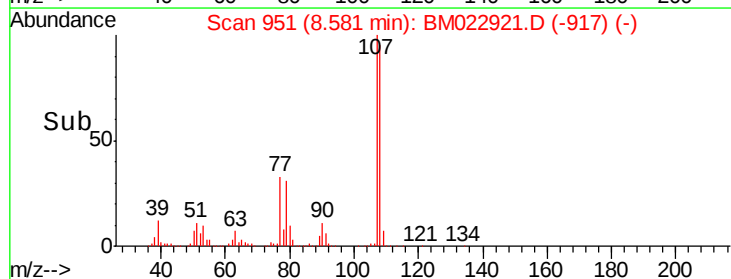
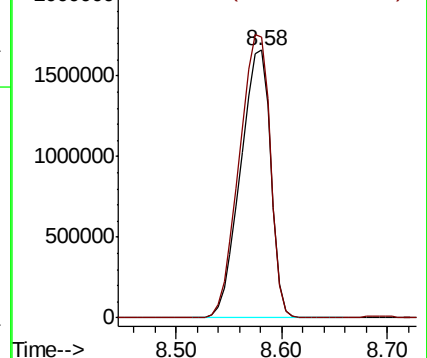
108 100

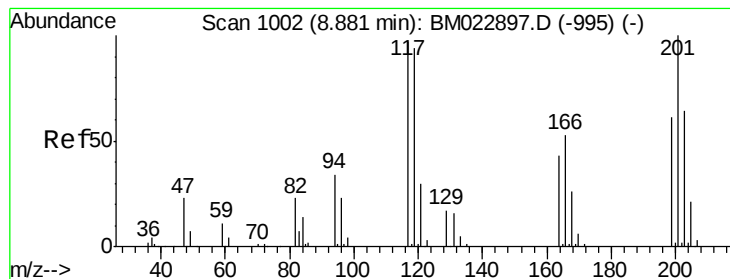
107 105.1 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 14.298 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

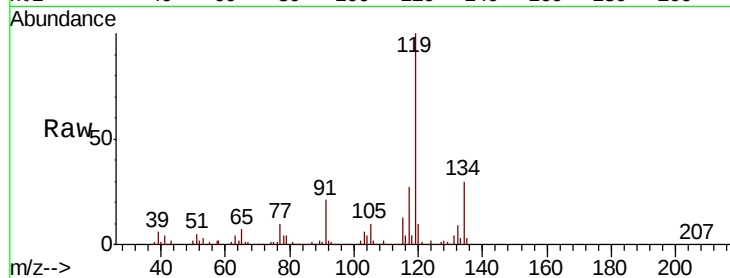
Tot Ion:117 Resp: 95766

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#

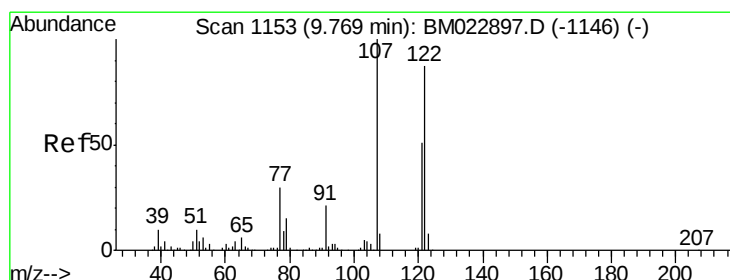
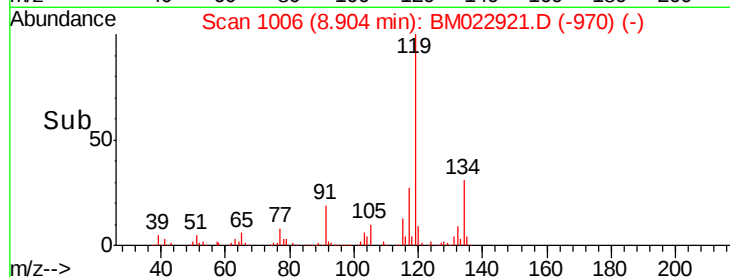
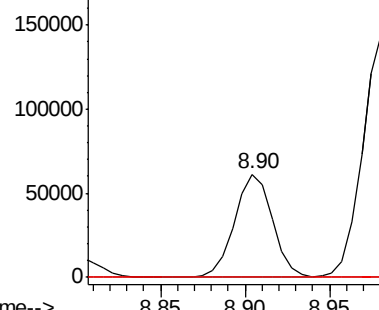


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 75.757 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

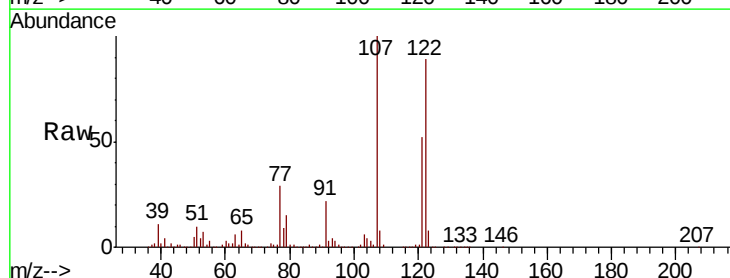
Tgt Ion:107 Resp: 1374910

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

122 89.4 71.4 107.0

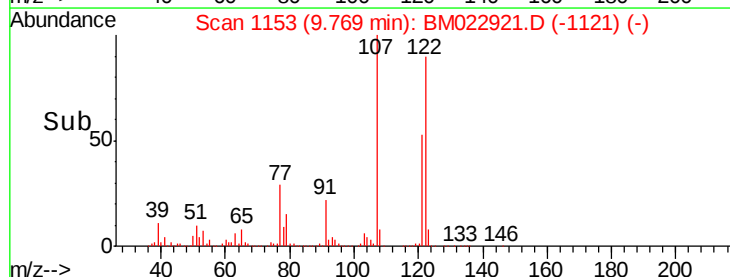
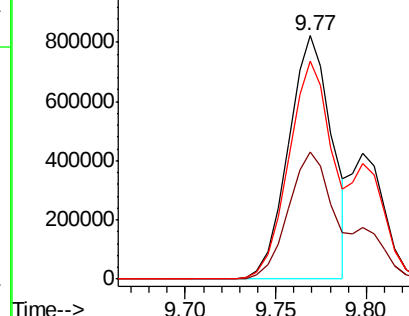


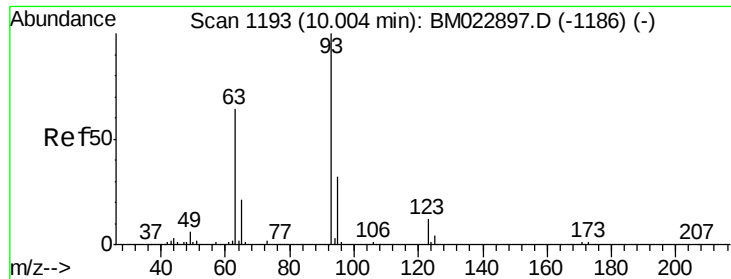
Abundance

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





#25

Bis(2-Chloroethoxy)methane

Concen: 2.146 ng/ul

RT: 10.04 min Scan# 1199

Delta R.T. 0.02 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

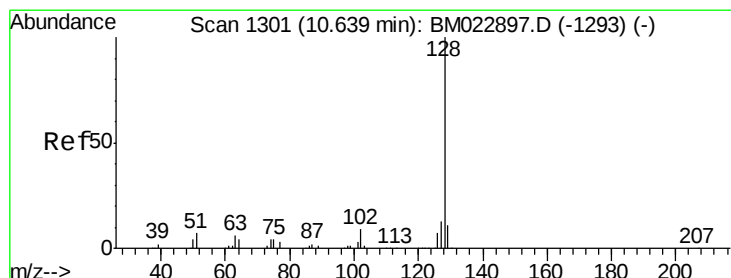
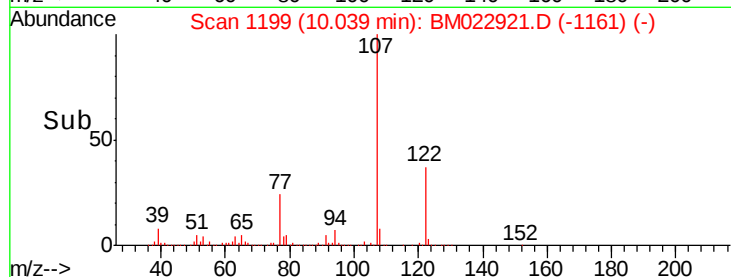
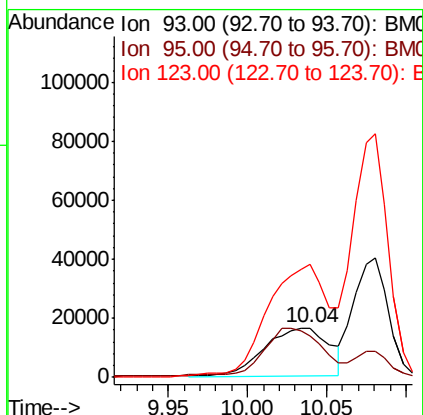
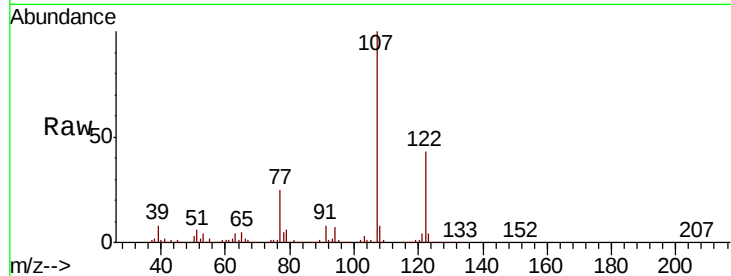
Tot Ion: 93 Resp: 46973

Ion Ratio Lower Upper

93 100

95 84.1 25.7 38.5#

123 227.9 9.4 14.0#



#28

Naphthalene

Concen: 49.550 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

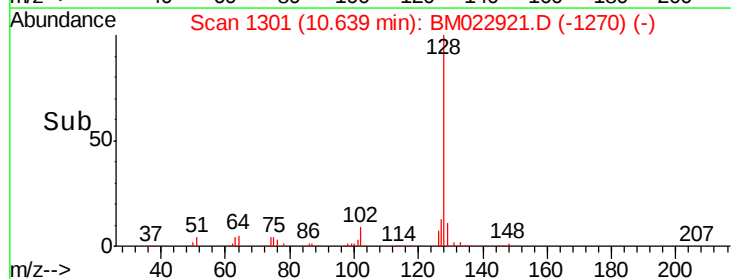
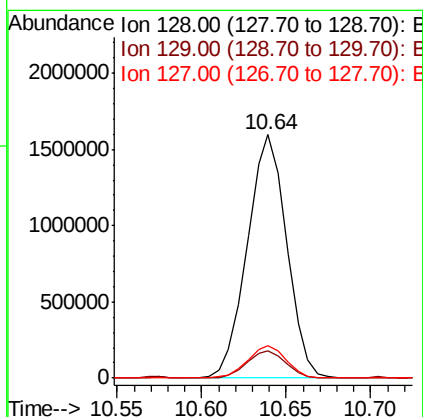
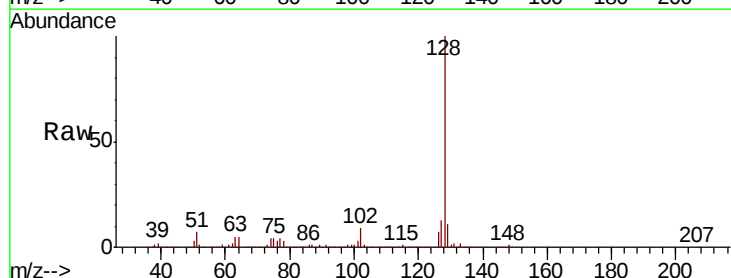
Tgt Ion:128 Resp: 2587942

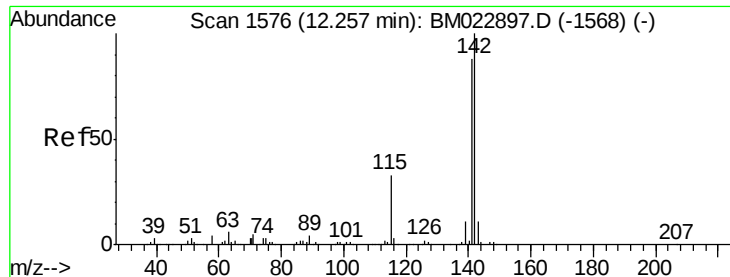
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.1 10.2 15.4

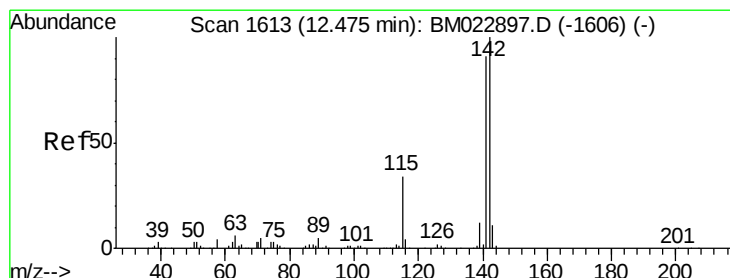
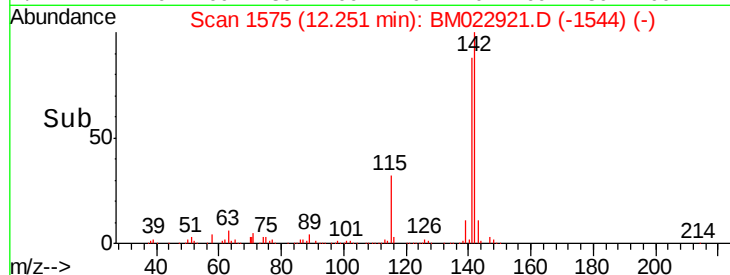
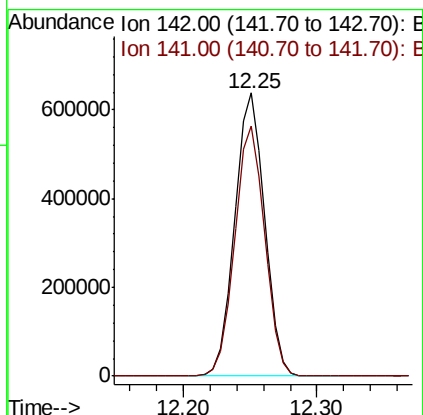
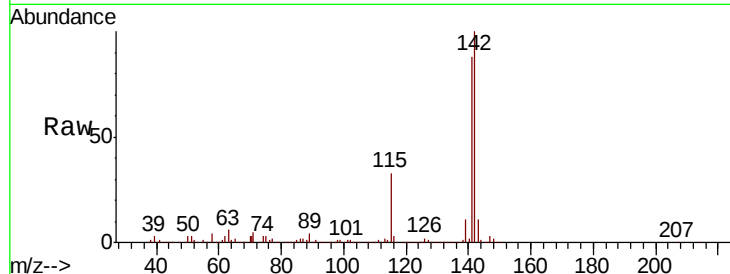




#34
2-Methylnaphthalene
Concen: 25.318 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022921.D
Acq: 03 Oct 2019 15:36

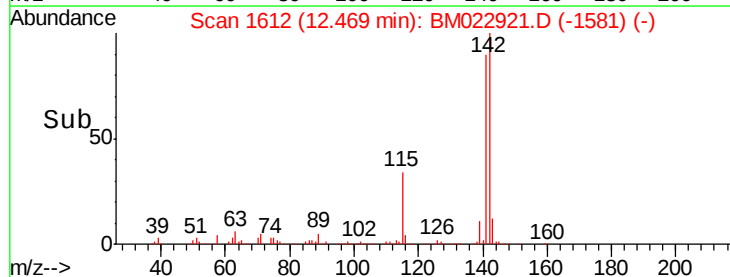
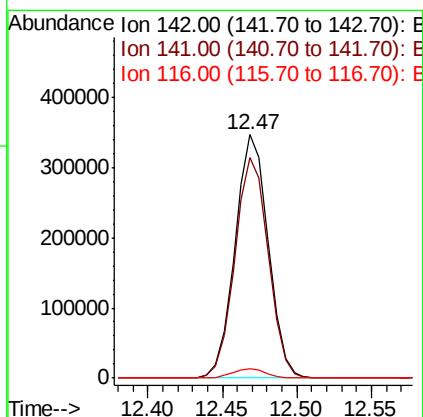
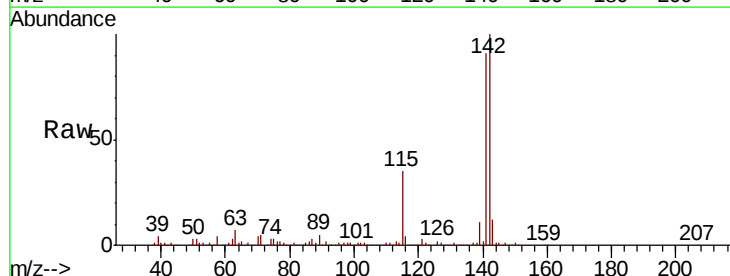
Instrument :
BNA_M
ClientSampleId :
BFDG5

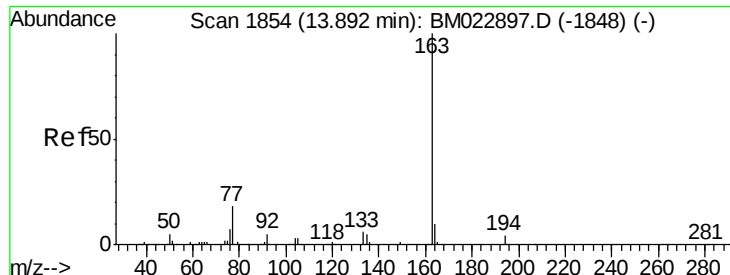
Tot Ion:142 Resp: 991440
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8



#35
1-Methylnaphthalene
Concen: 14.327 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022921.D
Acq: 03 Oct 2019 15:36

Tgt Ion:142 Resp: 535842
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6
116 3.8 2.9 4.3





#45

Dimethylphthalate

Concen: 1.172 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

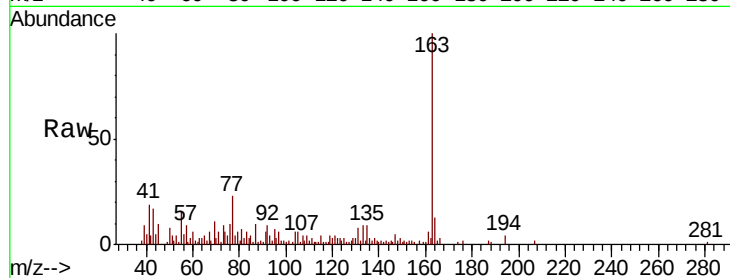
Tot Ion:163 Resp: 53025

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 12.6 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

