

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022965.D
 Acq On : 04 Oct 2019 19:41
 Operator : JU
 Sample : K4932-03RE
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG5

Quant Time: Oct 04 22:56:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 16:45:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	188574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	833147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	525366	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	954139	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	661254	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	734112	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	22618	5.19	ng/uL	0.00
5) Phenol-d5	6.96	99	139189	8.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	272772	29.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	349636	26.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	250492	18.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	215614	33.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	230702	32.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	421433	30.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	534680	31.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1401619	34.38	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1586955	33.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	58984	7.32	ng/ul	0.00
58) Fluorene-d10	15.42	176	1170003	33.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	193086	31.10	ng/ul	0.00
71) Anthracene-d10	17.26	188	1725208	37.03	ng/ul	0.00
79) Pyrene-d10	19.56	212	1580492	44.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1440251	37.92	ng/ul	0.00

Target Compounds

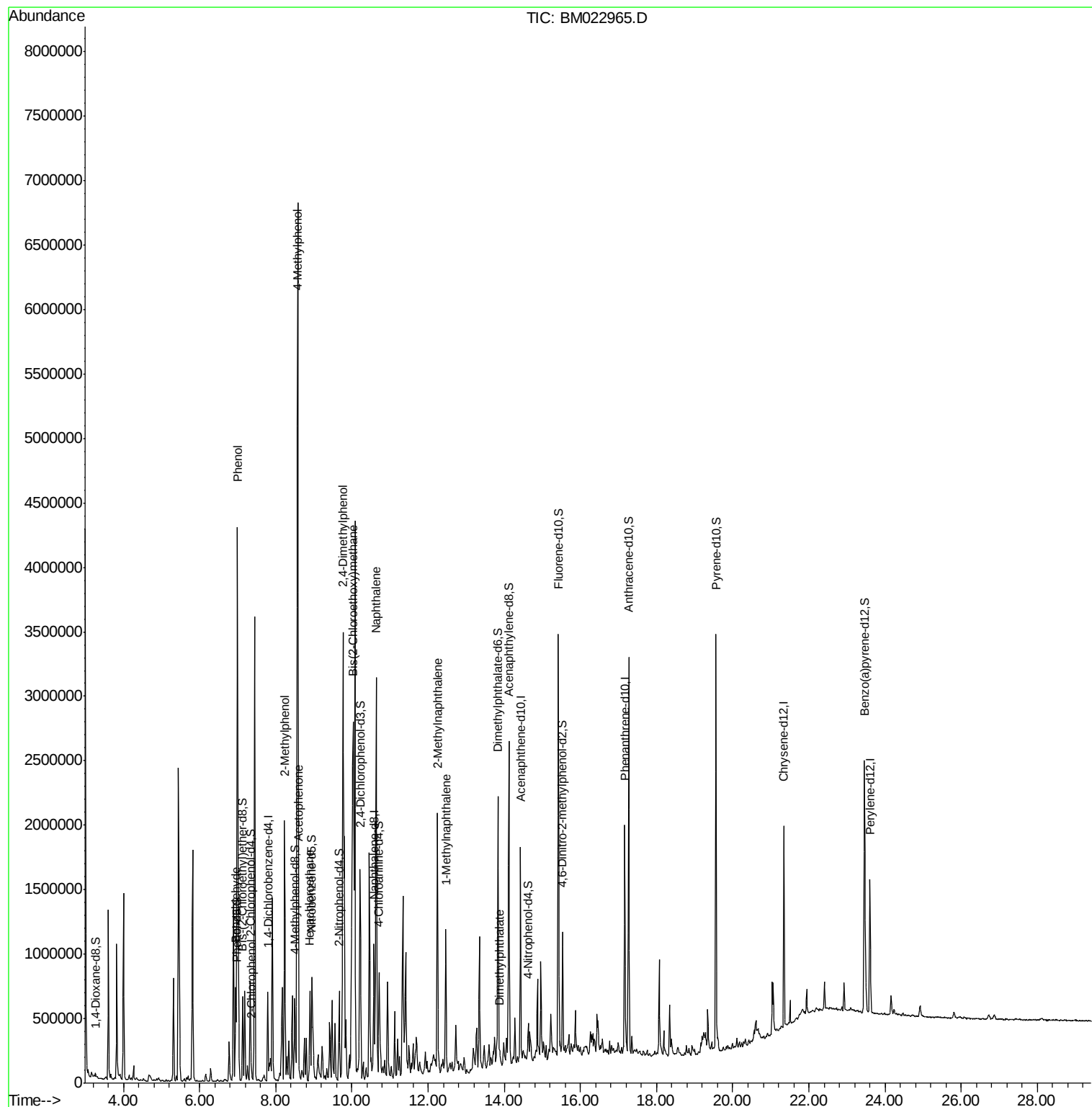
					Ovalue	
4) Benzaldehyde	6.95	77	63527	8.413	ng/ul#	1
6) Phenol	7.00	94	2590531	148.312	ng/ul	100
10) 2-Chlorophenol	7.36	128	46516	3.232	ng/ul	97
11) 2-Methylphenol	8.23	108	697592	51.818	ng/ul	99
14) Acetophenone	8.60	105	152133	7.295	ng/ul#	79
16) 4-Methylphenol	8.57	108	3137675	210.789	ng/ul	97
17) Hexachloroethane	8.90	117	87461	15.991	ng/ul#	6
24) 2,4-Dimethylphenol	9.76	107	1385350	88.604	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	44111	2.339	ng/ul#	1
28) Naphthalene	10.63	128	2441689	54.266	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	956602	28.356	ng/ul	99
35) 1-Methylnaphthalene	12.46	142	521190	16.176	ng/ul	99
45) Dimethylphthalate	13.88	163	52707	1.258	ng/ul	97

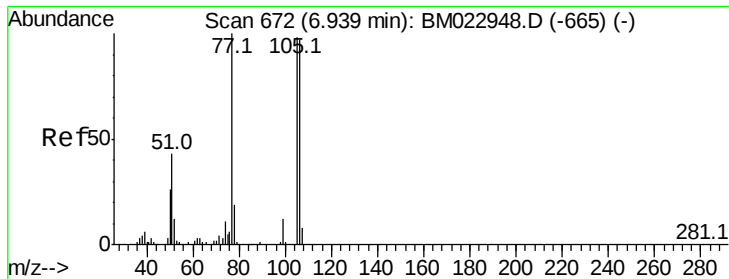
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 8.413 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

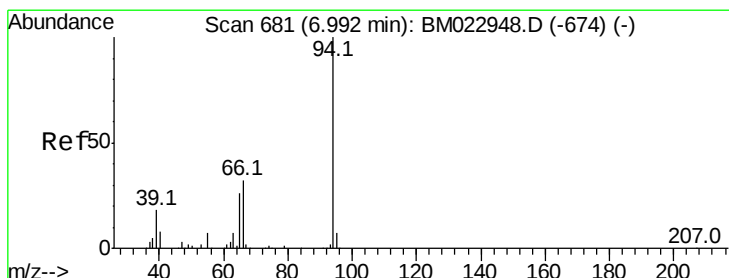
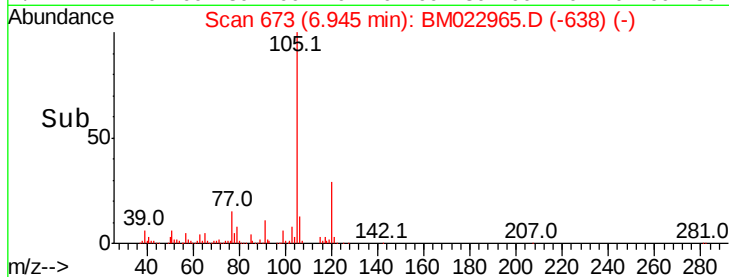
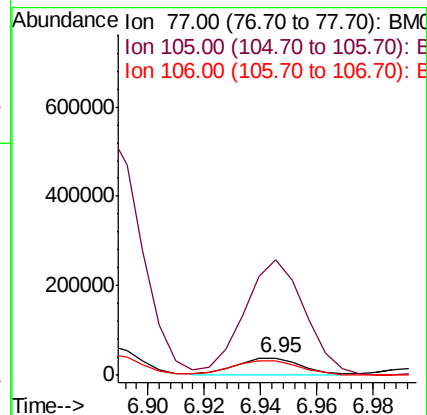
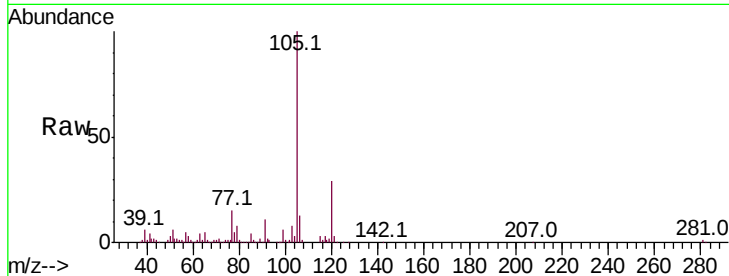
Tot Ion: 77 Resp: 63527

Ion Ratio Lower Upper

77 100

105 662.4 80.6 120.8#

106 82.9 77.0 115.6



#6

Phenol

Concen: 148.312 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

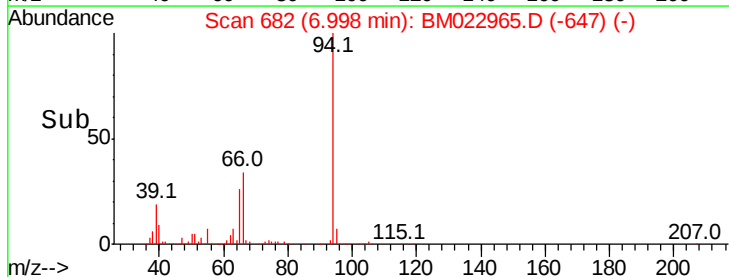
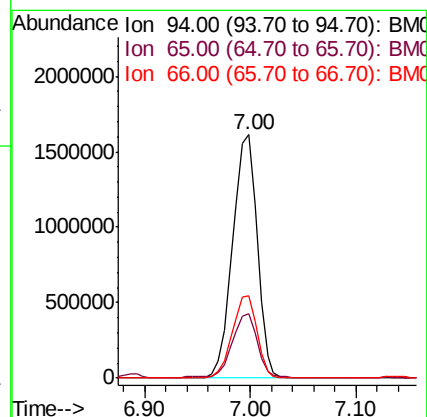
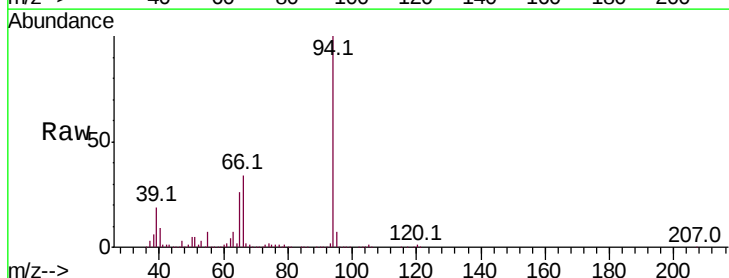
Tgt Ion: 94 Resp: 2590531

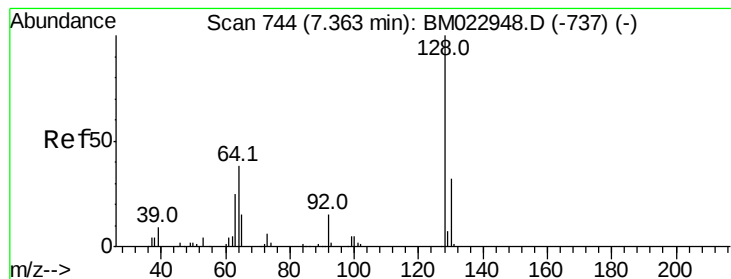
Ion Ratio Lower Upper

94 100

65 26.2 20.9 31.3

66 33.9 27.2 40.8





#10

2-Chlorophenol

Concen: 3.232 ng/ul

RT: 7.36 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

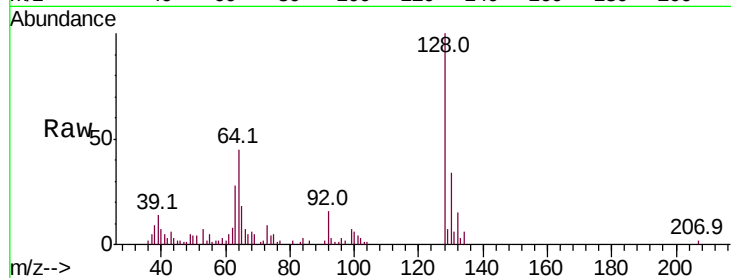
Tot Ion:128 Resp: 46516

Ion Ratio Lower Upper

128 100

64 45.2 34.1 51.1

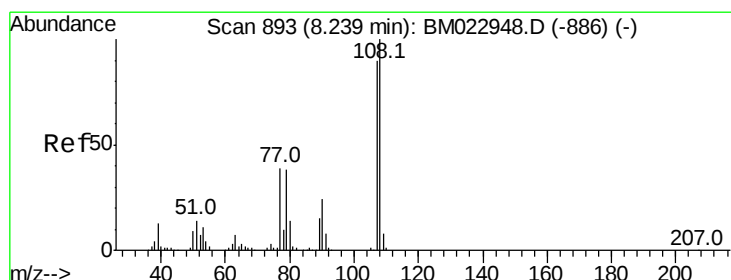
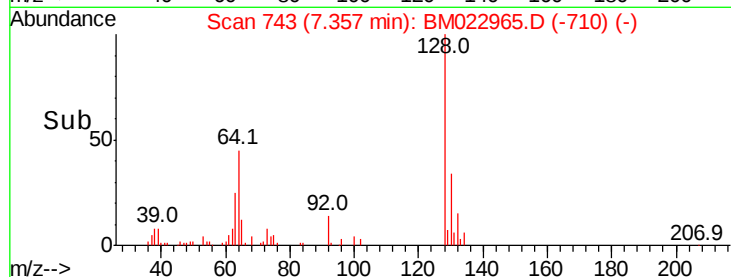
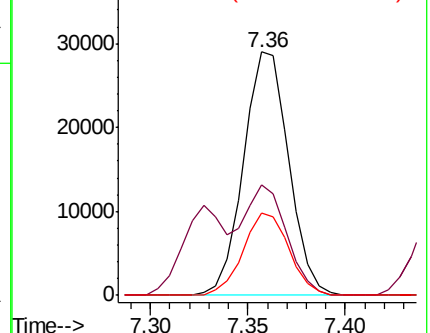
130 33.7 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 51.818 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.01 min

Lab File: BM022965.D

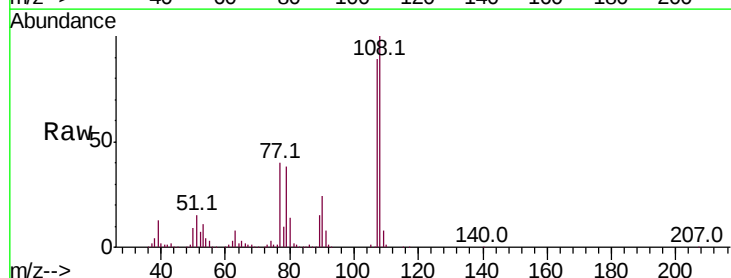
Acq: 04 Oct 2019 19:41

Tgt Ion:108 Resp: 697592

Ion Ratio Lower Upper

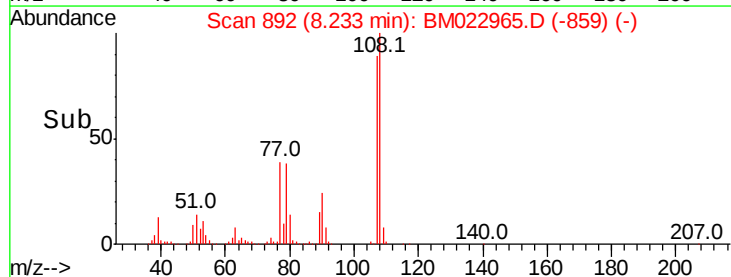
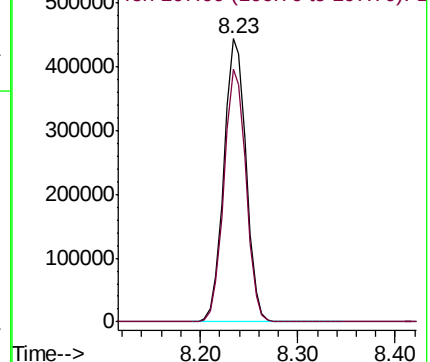
108 100

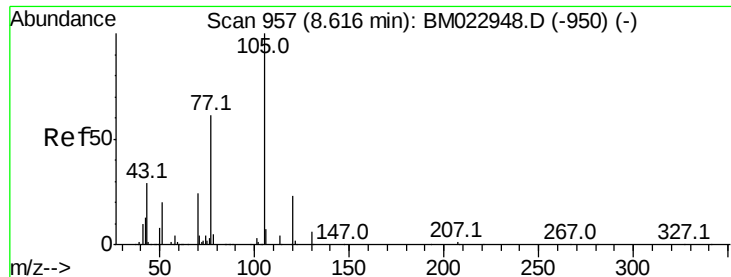
107 89.4 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 7.295 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

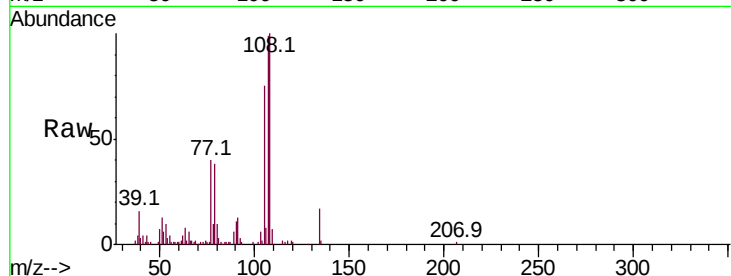
Tot Ion:105 Resp: 152133

Ion Ratio Lower Upper

105 100

77 53.6 59.4 89.0#

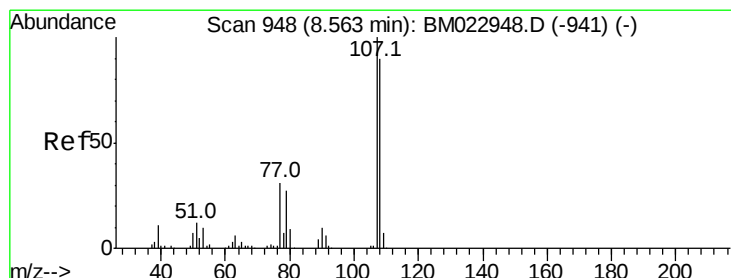
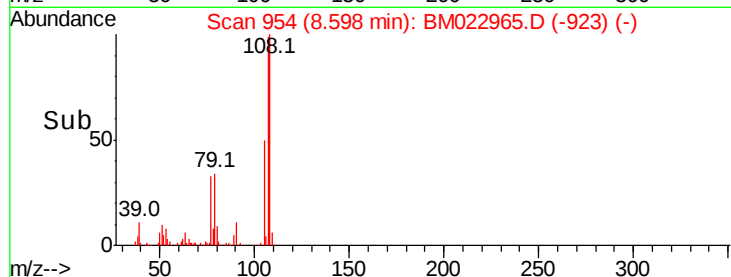
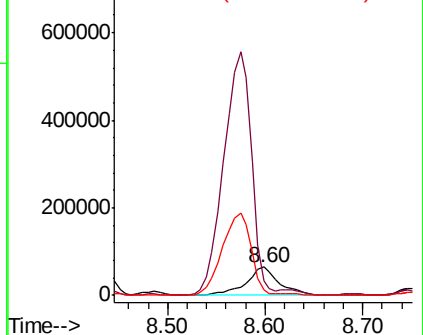
51 17.9 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 210.789 ng/ul

RT: 8.57 min Scan# 950

Delta R.T. 0.01 min

Lab File: BM022965.D

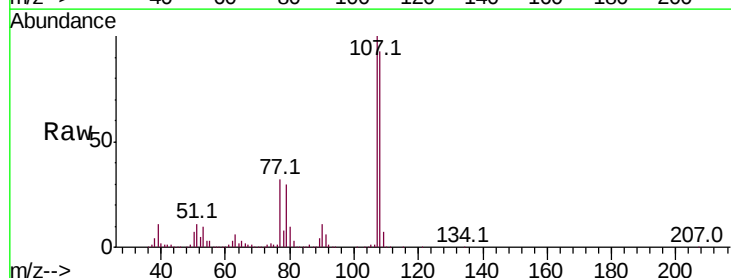
Acq: 04 Oct 2019 19:41

Tgt Ion:108 Resp: 3137675

Ion Ratio Lower Upper

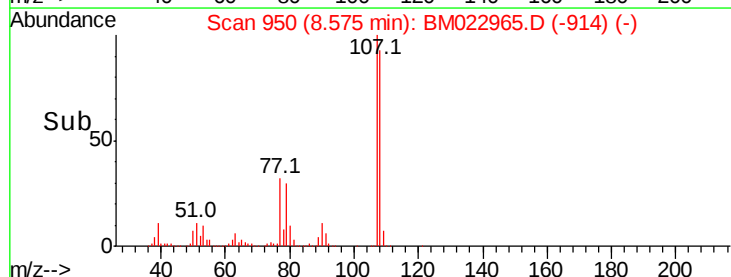
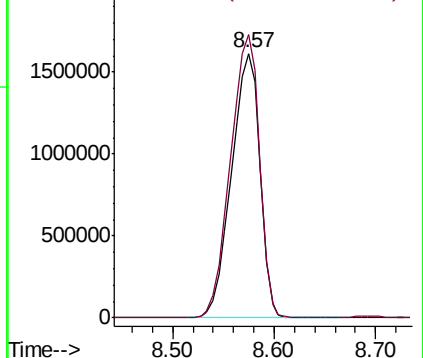
108 100

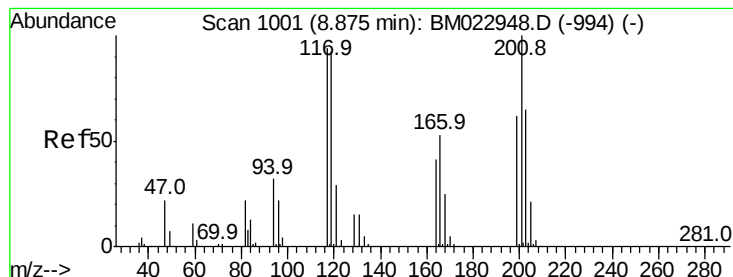
107 107.0 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 15.991 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

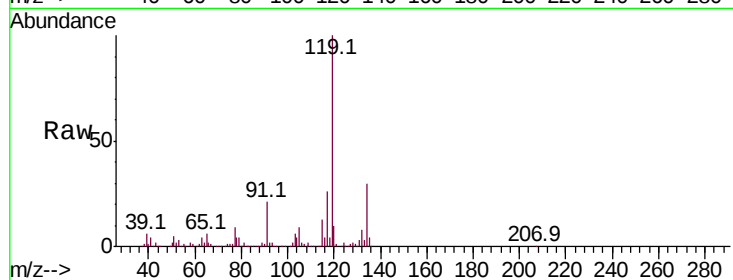
Tot Ion:117 Resp: 87461

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

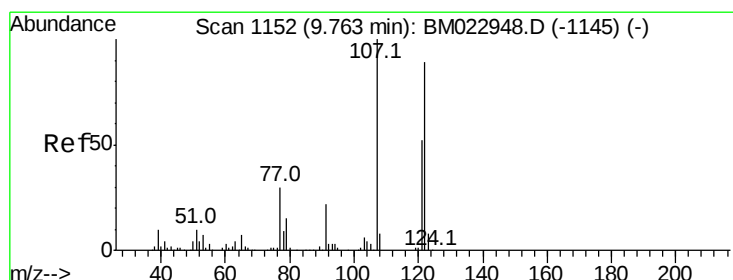
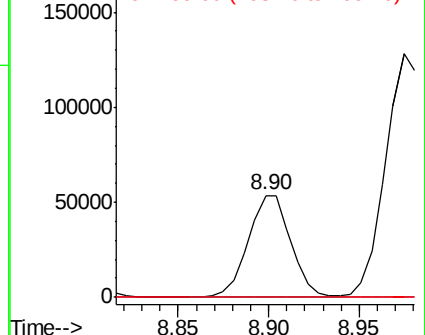
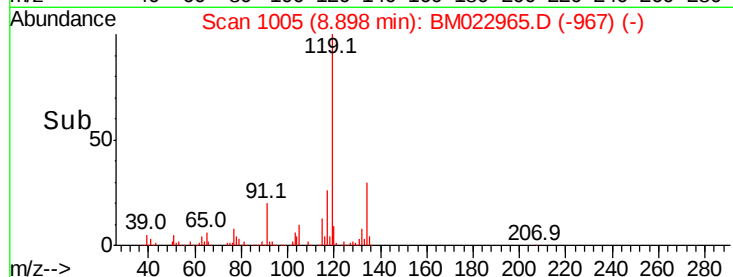
199 0.0 51.6 77.4#



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: 88.604 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

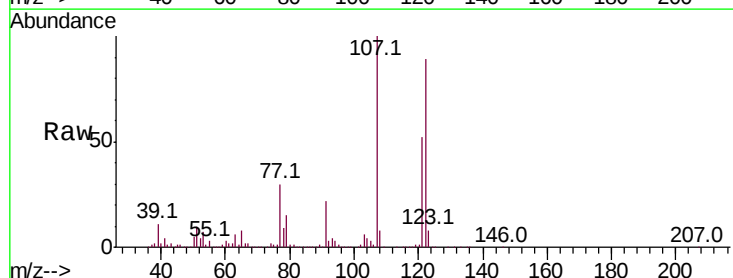
Tgt Ion:107 Resp: 1385350

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

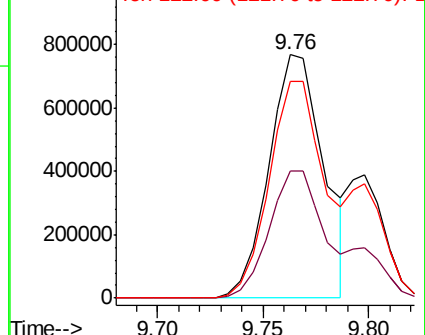
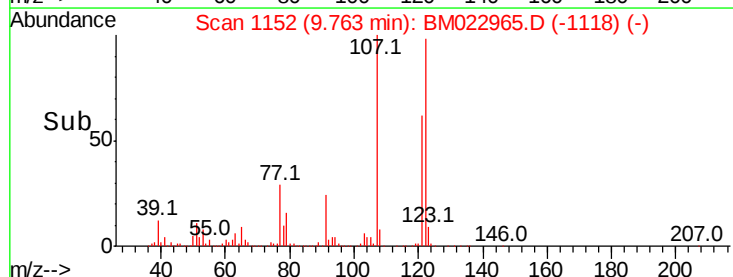
122 89.1 71.4 107.0

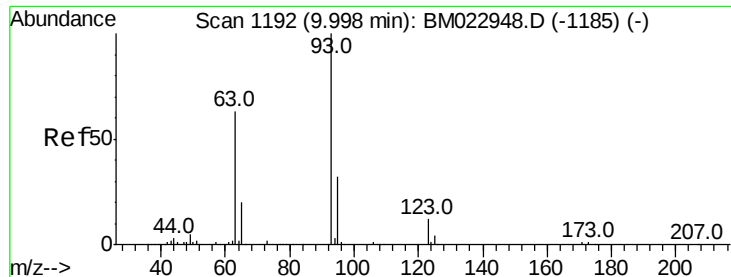


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 2.339 ng/ul

RT: 10.03 min Scan# 1197

Delta R.T. 0.03 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

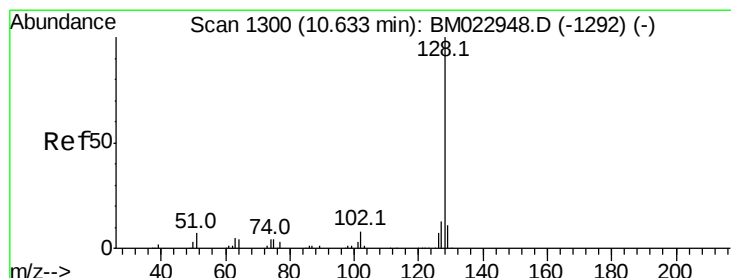
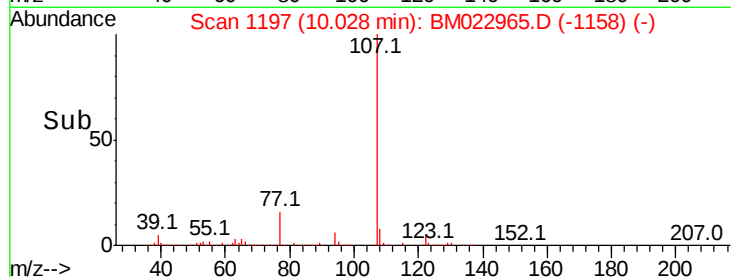
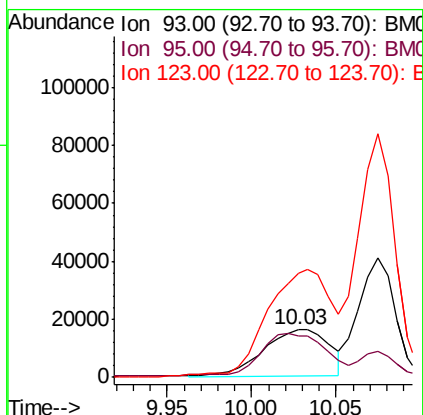
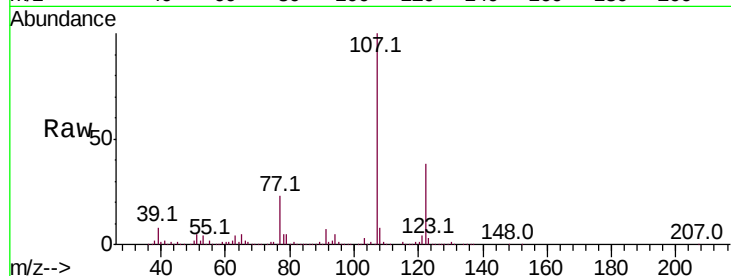
Tot Ion: 93 Resp: 44111

Ion Ratio Lower Upper

93 100

95 88.0 25.7 38.5#

123 218.9 9.4 14.0#



#28

Naphthalene

Concen: 54.266 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

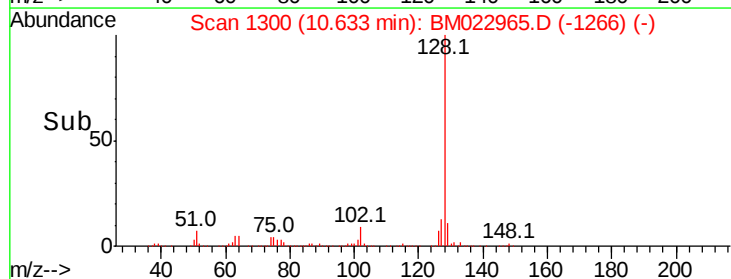
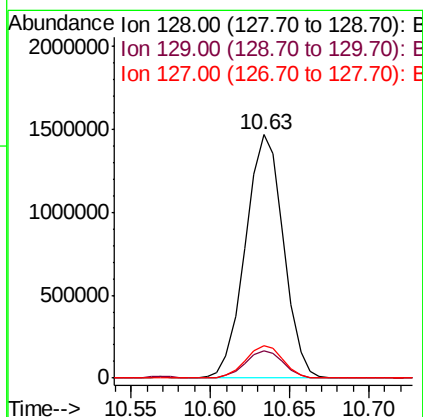
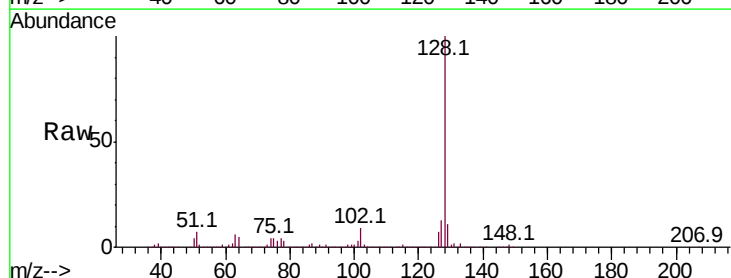
Tgt Ion:128 Resp: 2441689

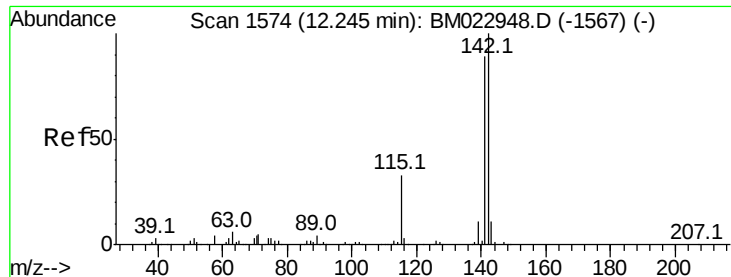
Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.1 10.2 15.4

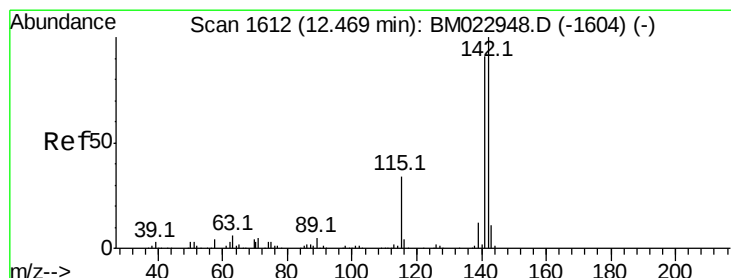
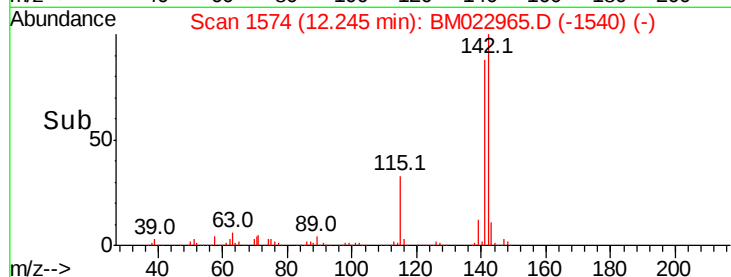
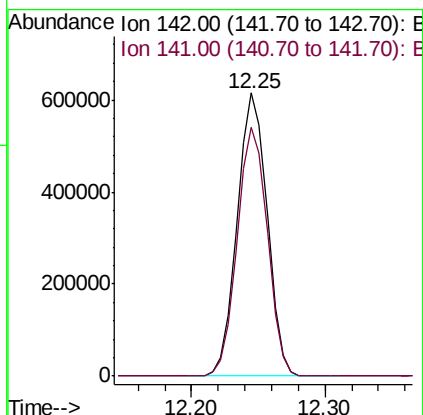
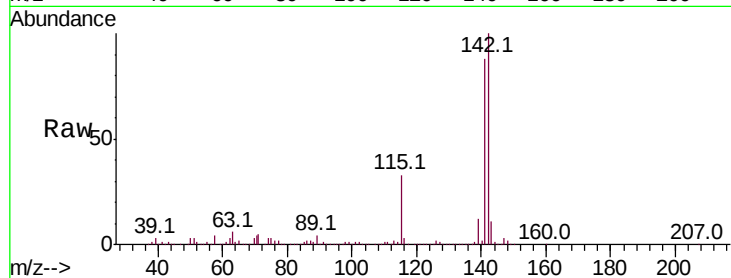




#34
2-Methylnaphthalene
Concen: 28.356 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM022965.D
Acq: 04 Oct 2019 19:41

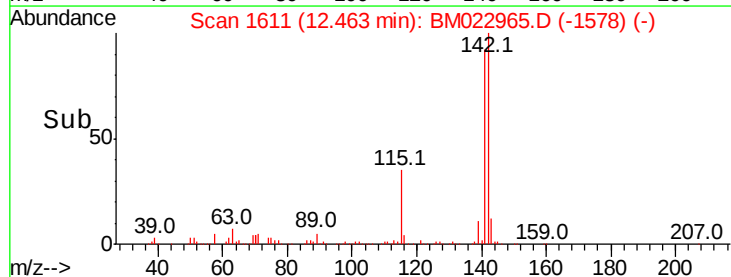
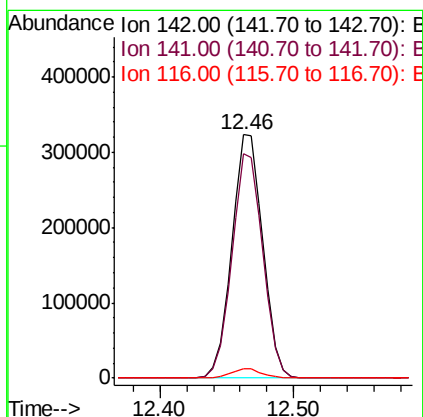
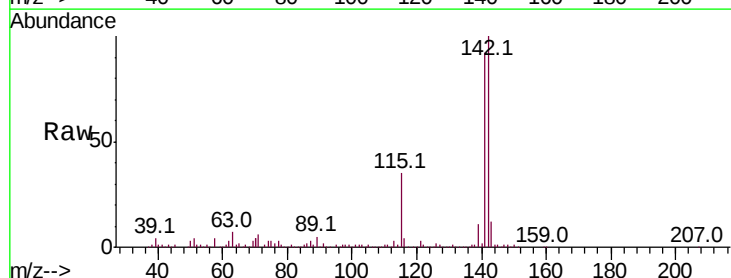
Instrument :
BNA_M
ClientSampleId :
BFDG5

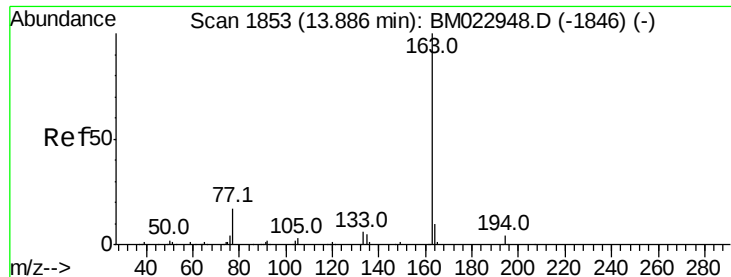
Tot Ion:142 Resp: 956602
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#35
1-Methylnaphthalene
Concen: 16.176 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM022965.D
Acq: 04 Oct 2019 19:41

Tgt Ion:142 Resp: 521190
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.6
116 3.7 2.9 4.3





#45

Dimethylphthalate

Concen: 1.258 ng/ul

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

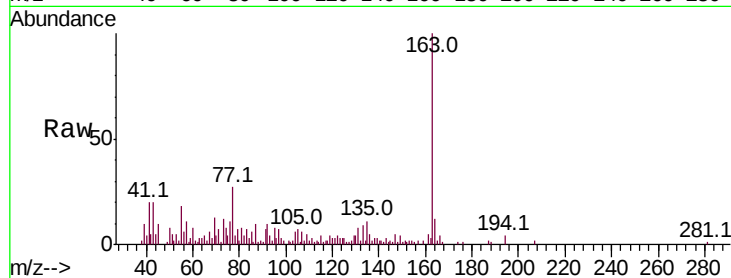
Tot Ion:163 Resp: 52707

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 11.6 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

