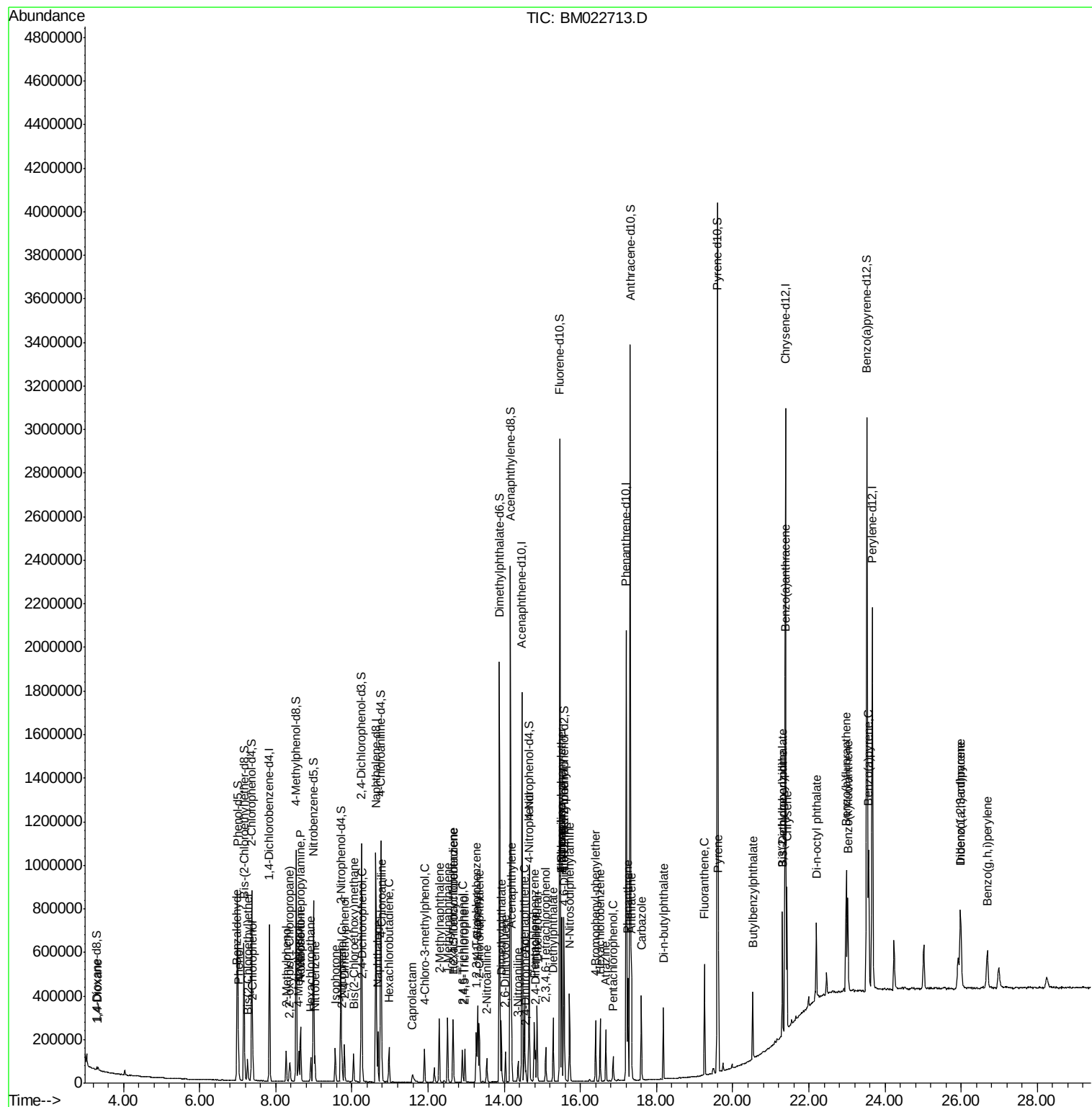
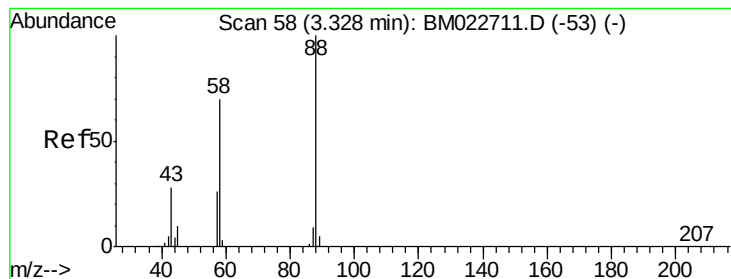


Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022713.D
Acq On : 18 Sep 2019 13:08
Operator : HP/JU
Sample : MDL-S-ME-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

Quant Time: Sep 18 15:47:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 15:34:25 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.677 ng/uL

RT: 3.33 min Scan# 59

Delta R.T. 0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

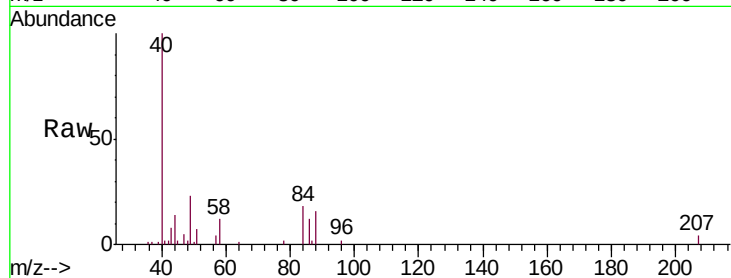
Tgt Ion: 88 Resp: 7984

Ion Ratio Lower Upper

88 100

43 49.4 37.9 56.9

58 74.3 59.4 89.0

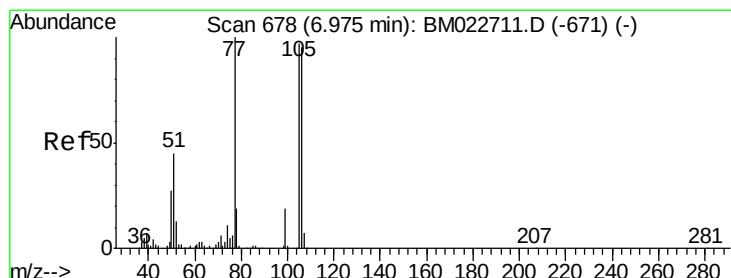
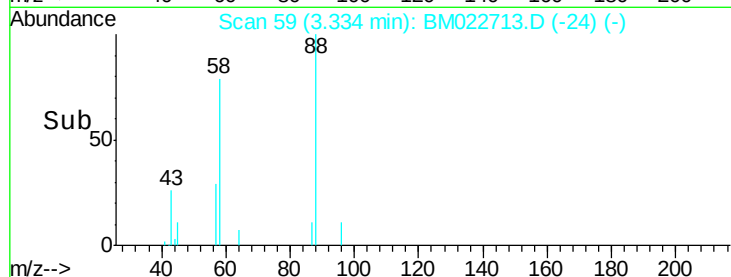


Abundance Ion 88.00 (87.70 to 88.70): BM022713.D (-24) (-)

Ion 43.00 (42.70 to 43.70): BM022713.D (-24) (-)

Ion 58.00 (57.70 to 58.70): BM022713.D (-24) (-)

Time-->



#4

Benzaldehyde

Concen: 3.051 ng/uL

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

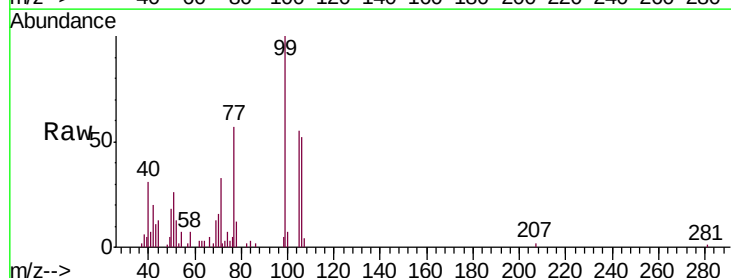
Tgt Ion: 77 Resp: 28974

Ion Ratio Lower Upper

77 100

105 96.2 79.0 118.6

106 91.3 75.1 112.7

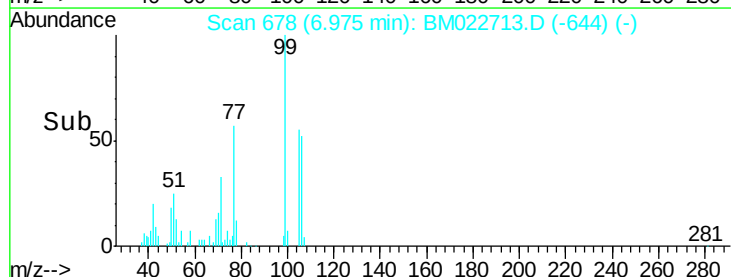


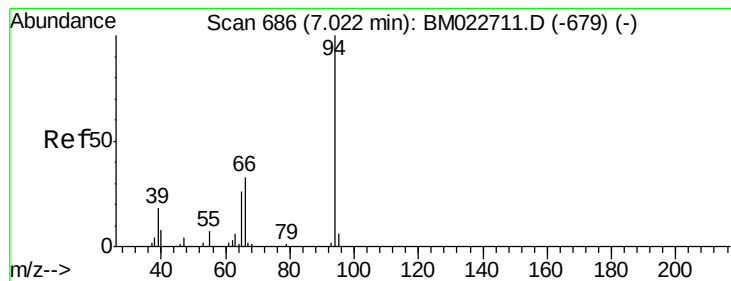
Abundance Ion 77.00 (76.70 to 77.70): BM022713.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BM022713.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BM022713.D (-644) (-)

Time-->





#6

Phenol

Concen: 3.577 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

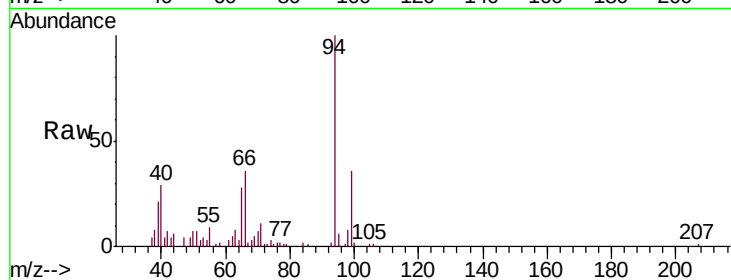
Tgt Ion: 94 Resp: 67980

Ion Ratio Lower Upper

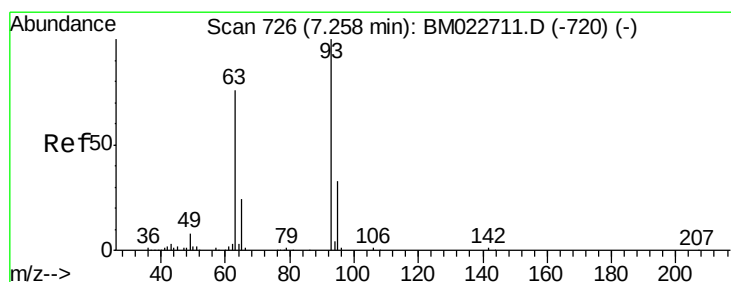
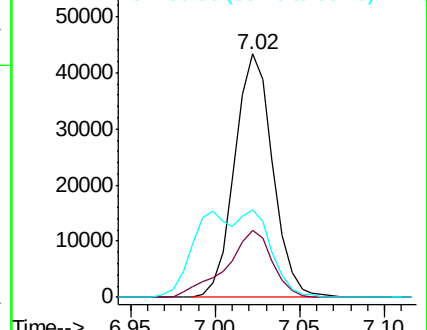
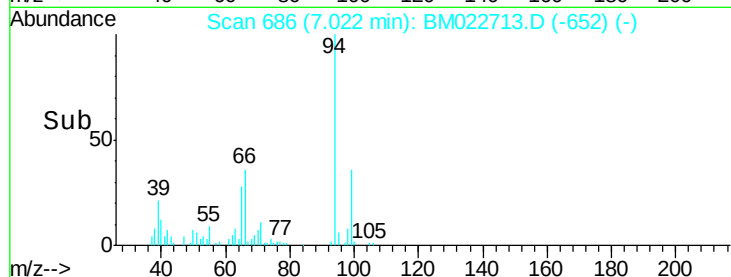
94 100

65 27.7 22.8 34.2

66 35.8 29.1 43.7



Abundance Ion 94.00 (93.70 to 94.70): BM022713.D (-652) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.769 ng/ul

RT: 7.26 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

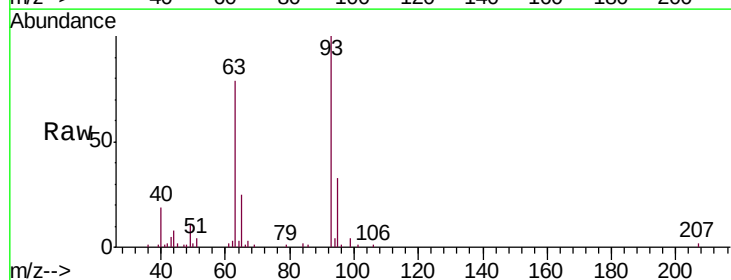
Tgt Ion: 93 Resp: 54395

Ion Ratio Lower Upper

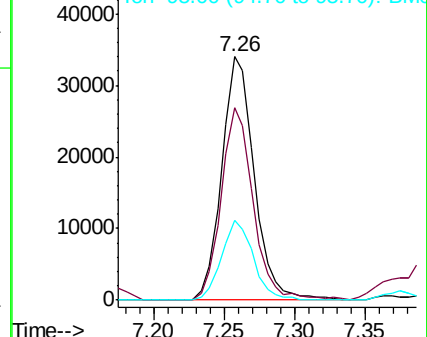
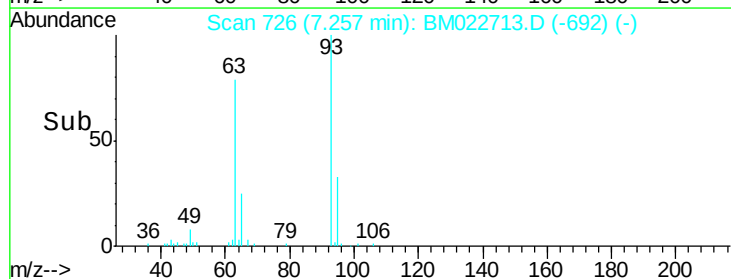
93 100

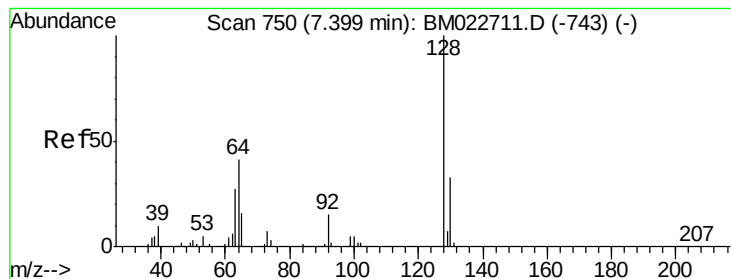
63 79.1 62.2 93.2

95 32.8 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM022713.D (-692) (-)





#10

2-Chlorophenol

Concen: 3.643 ng/ul

RT: 7.40 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

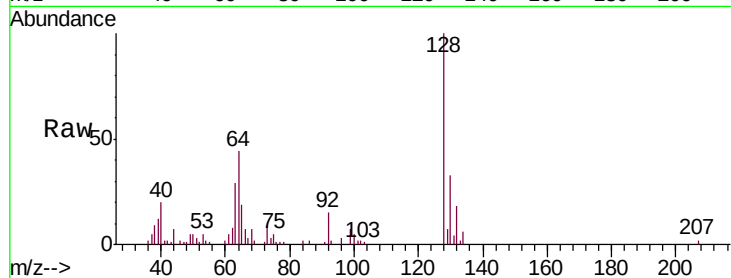
Tgt Ion:128 Resp: 54999

Ion Ratio Lower Upper

128 100

64 43.9 36.0 54.0

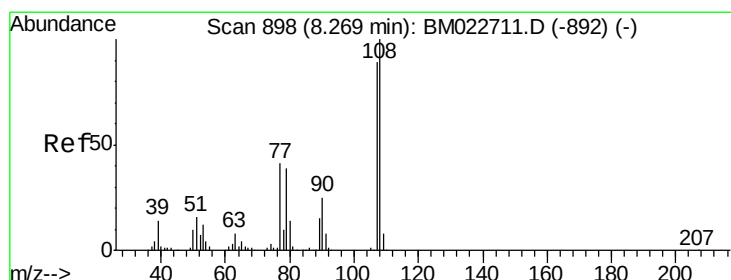
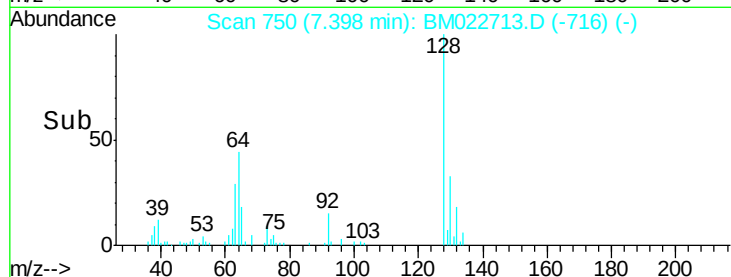
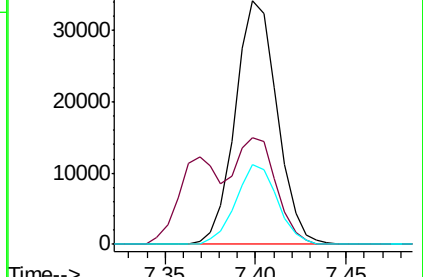
130 32.7 26.1 39.1



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: 3.043 ng/ul

RT: 8.27 min Scan# 899

Delta R.T. 0.01 min

Lab File: BM022713.D

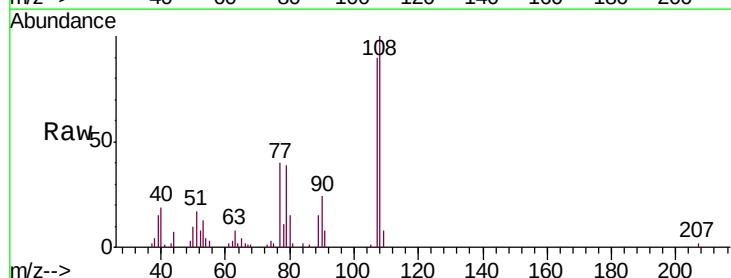
Acq: 18 Sep 2019 13:08

Tgt Ion:108 Resp: 45121

Ion Ratio Lower Upper

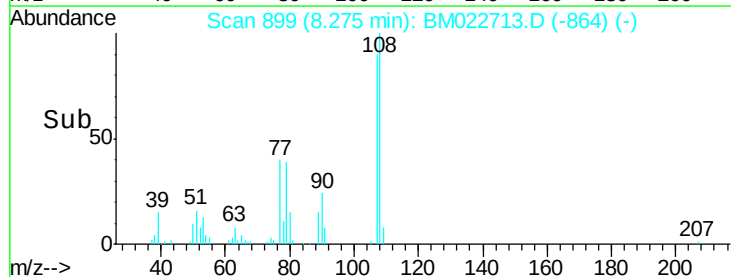
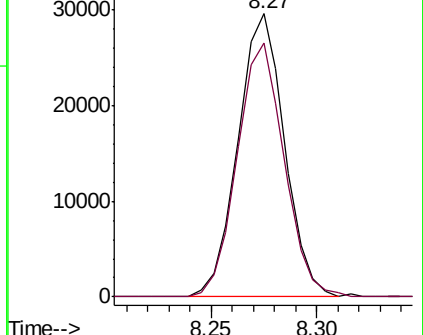
108 100

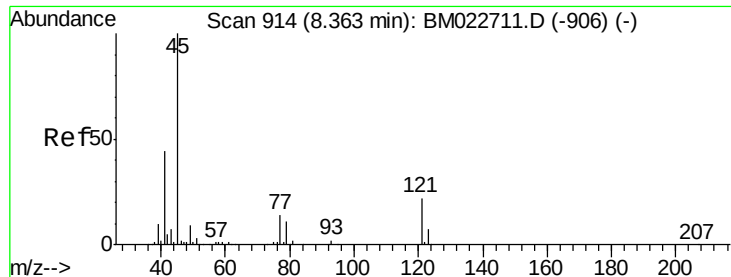
107 89.9 70.7 106.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

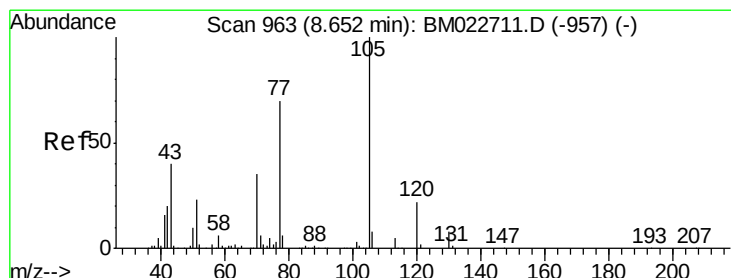
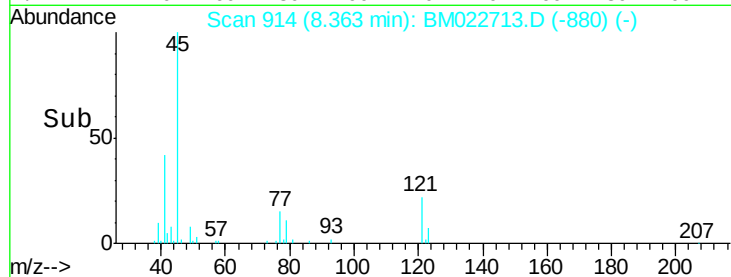
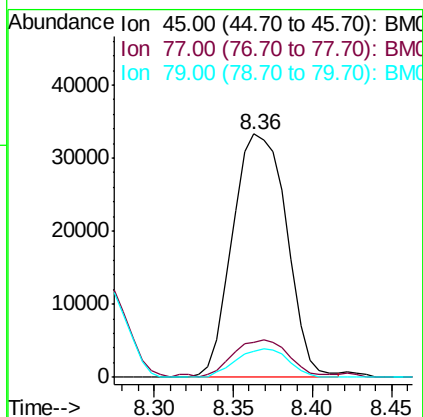
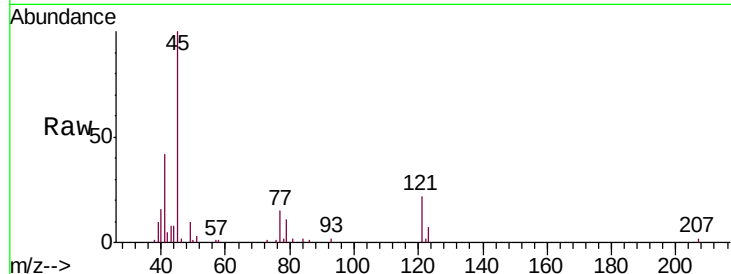




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.719 ng/ul
 RT: 8.36 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

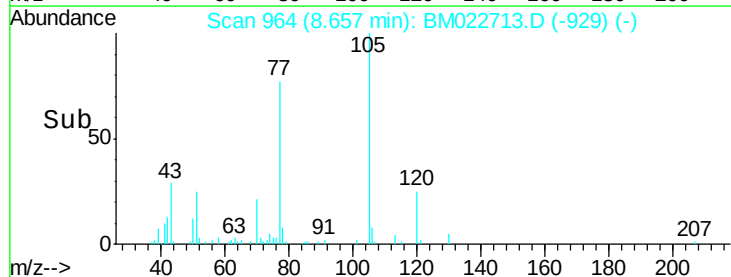
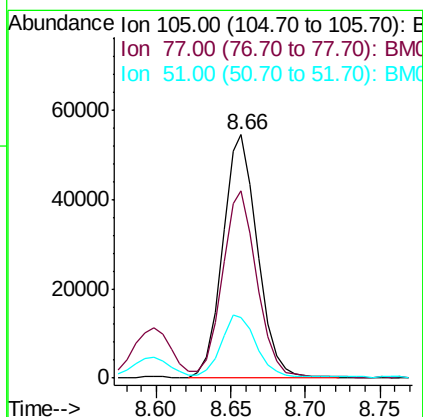
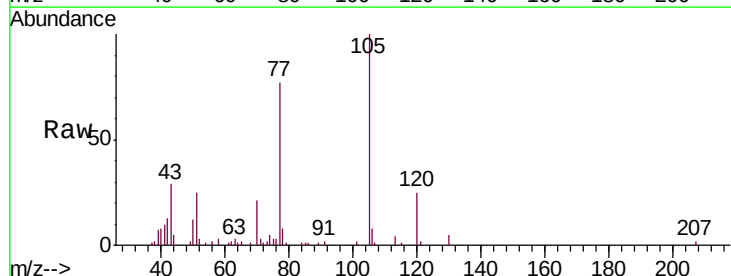
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

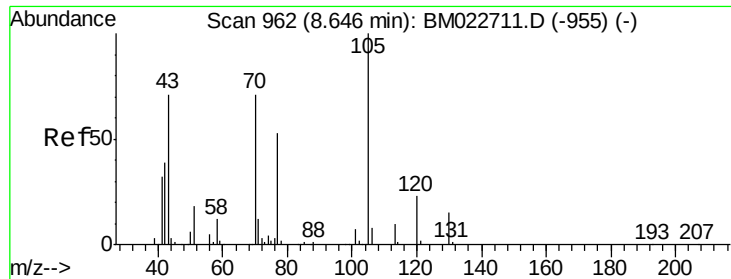
Tgt Ion: 45 Resp: 78936
 Ion Ratio Lower Upper
 45 100
 77 14.6 11.6 17.4
 79 10.8 9.0 13.6



#14
 Acetophenone
 Concen: 3.844 ng/ul
 RT: 8.66 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion: 105 Resp: 88676
 Ion Ratio Lower Upper
 105 100
 77 76.8 62.1 93.1
 51 24.9 21.8 32.6

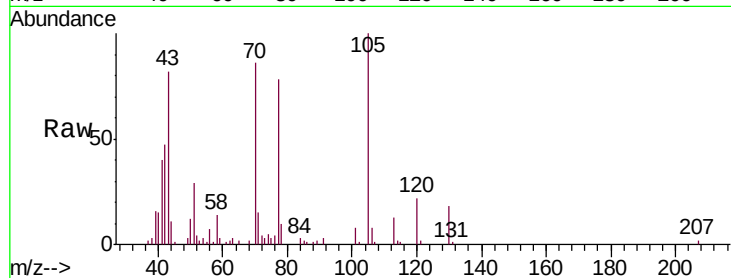




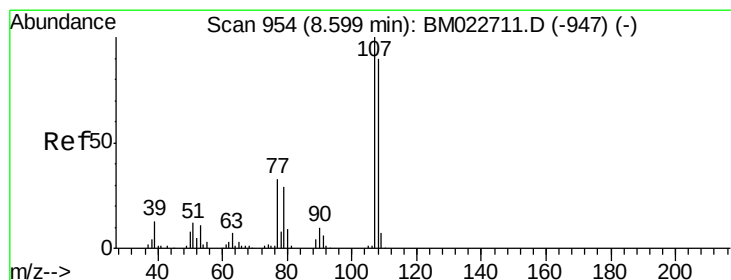
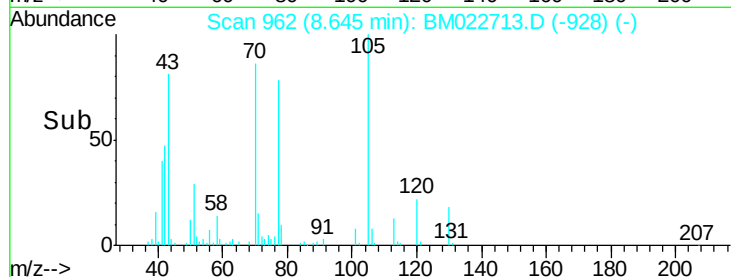
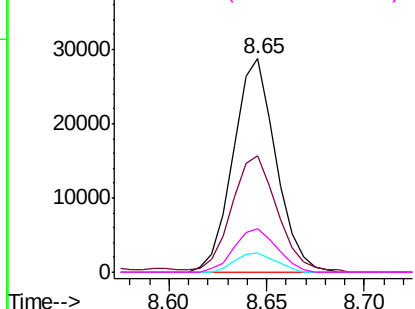
#15
N-Nitroso-di-n-propylamine
Concen: 3.509 ng/ul
RT: 8.65 min Scan# 962
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

Tgt Ion: 70 Resp: 43729
Ion Ratio Lower Upper
70 100
42 54.3 48.3 72.5
101 9.0 8.2 12.2
130 20.5 18.1 27.1

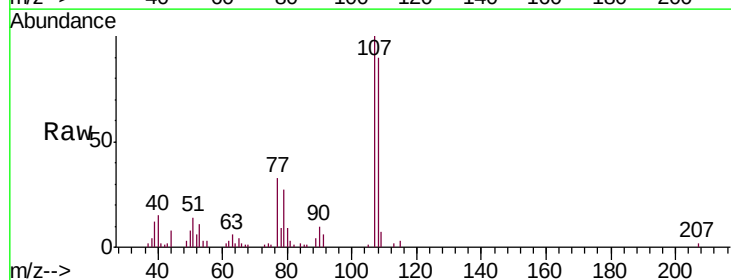


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

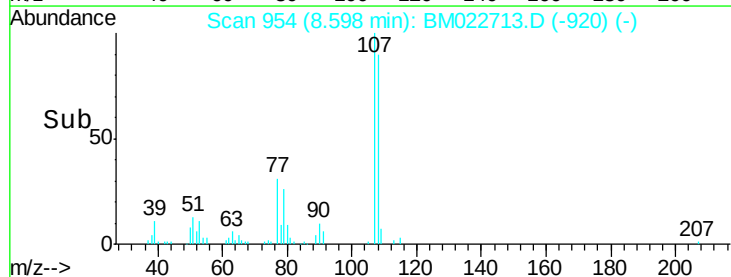
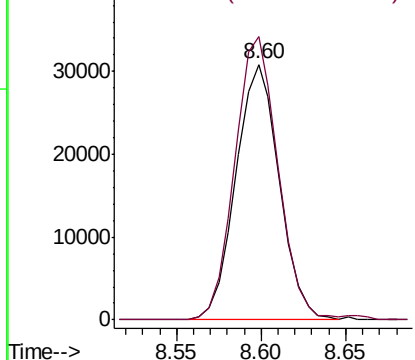


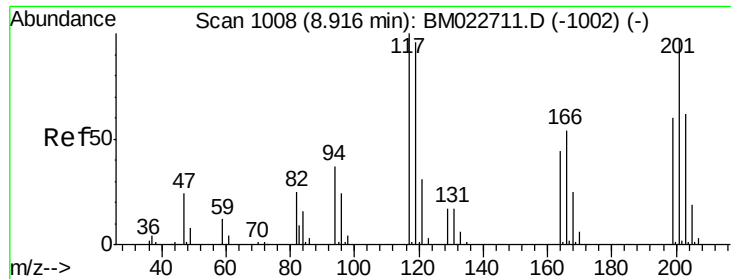
#16
4-Methylphenol
Concen: 3.442 ng/ul
RT: 8.60 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion: 108 Resp: 55120
Ion Ratio Lower Upper
108 100
107 110.9 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

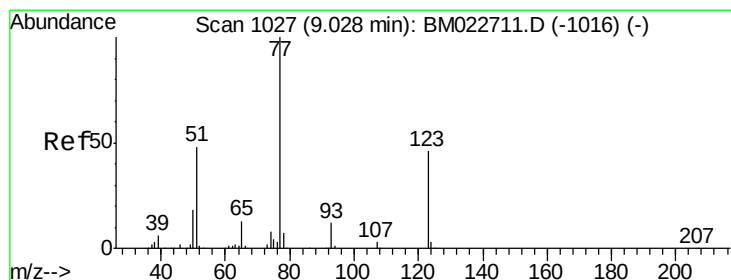
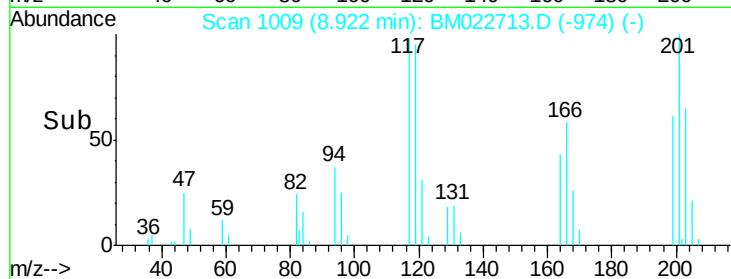
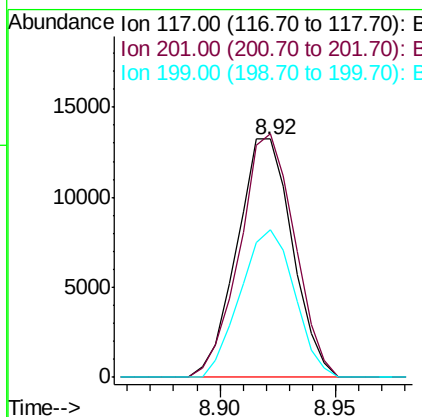
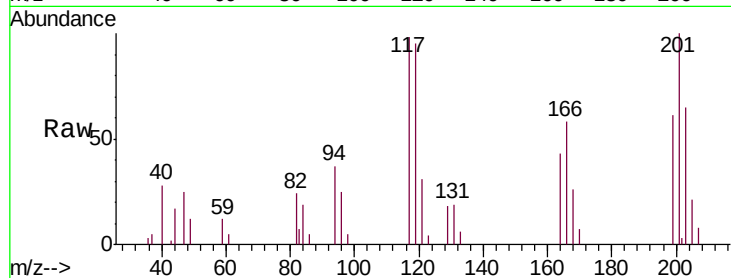




#17
 Hexachloroethane
 Concen: 3.703 ng/ul
 RT: 8.92 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

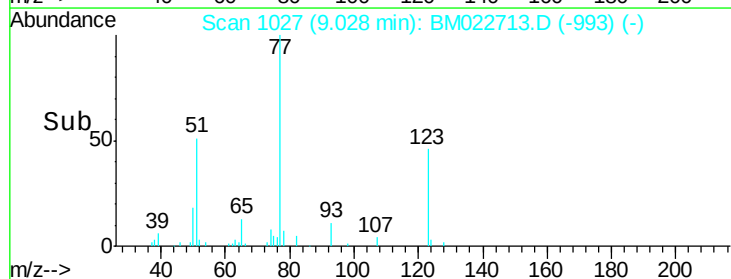
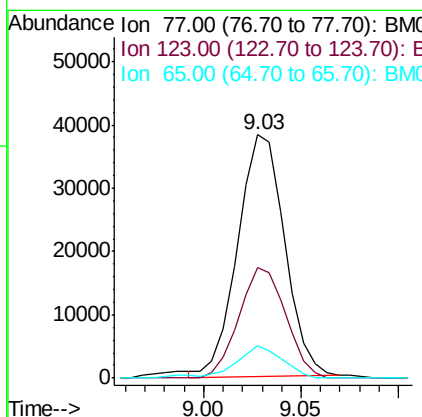
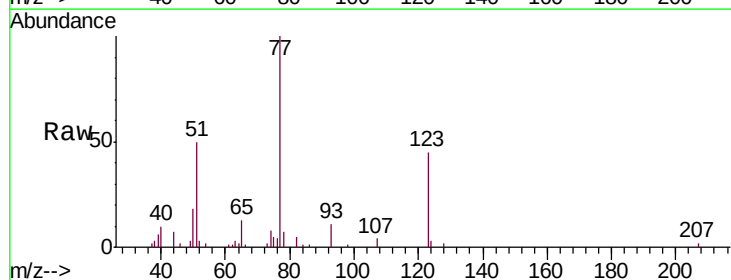
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

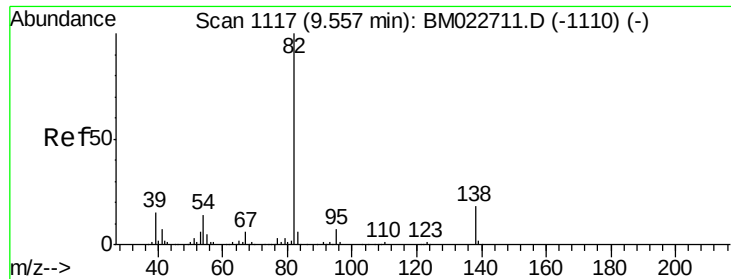
Tgt Ion: 117 Resp: 22146
 Ion Ratio Lower Upper
 117 100
 201 102.3 77.6 116.4
 199 62.0 47.6 71.4



#20
 Nitrobenzene
 Concen: 4.013 ng/ul
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion: 77 Resp: 63793
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.8 53.6
 65 13.1 10.5 15.7

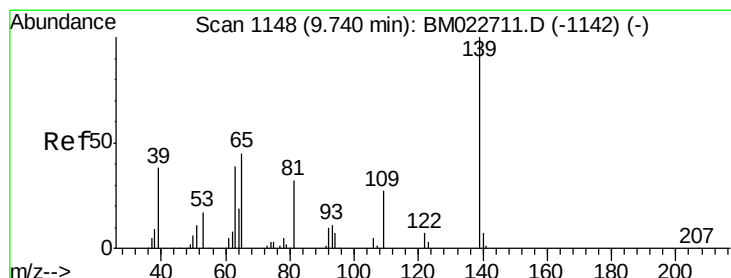
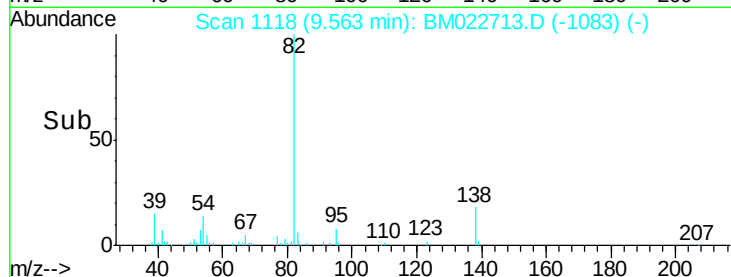
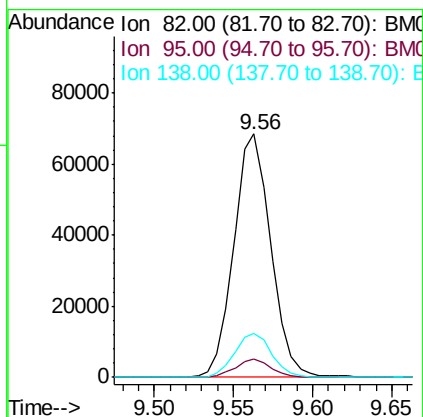
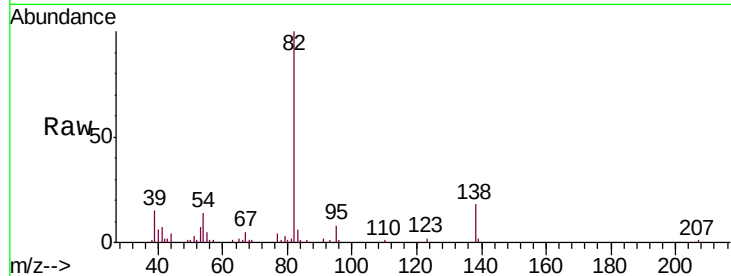




#21
Isophorone
Concen: 3.111 ng/ul
RT: 9.56 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

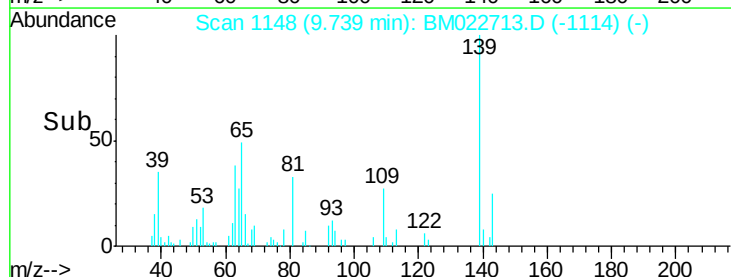
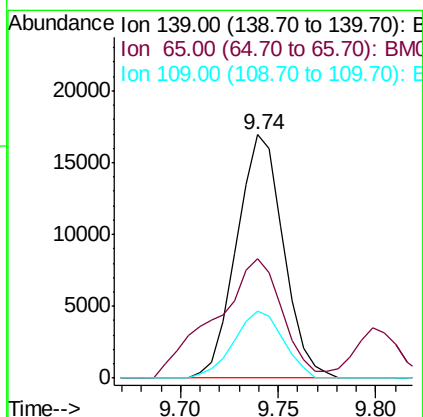
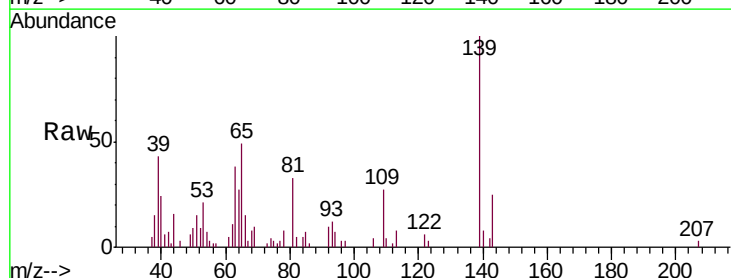
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

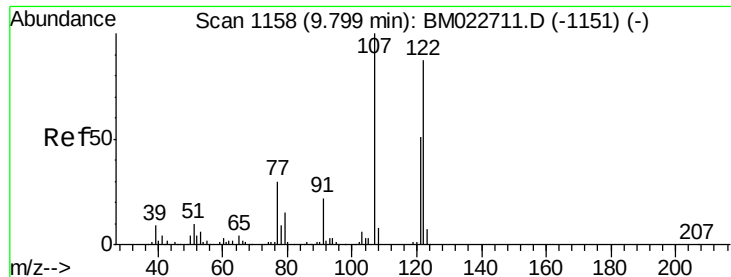
Tgt Ion: 82 Resp: 110791
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 18.0 14.4 21.6



#23
2-Nitrophenol
Concen: 4.048 ng/ul
RT: 9.74 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion: 139 Resp: 28147
Ion Ratio Lower Upper
139 100
65 48.8 39.3 58.9
109 27.3 23.5 35.3

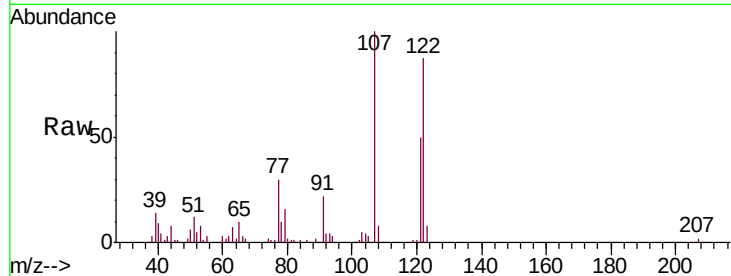




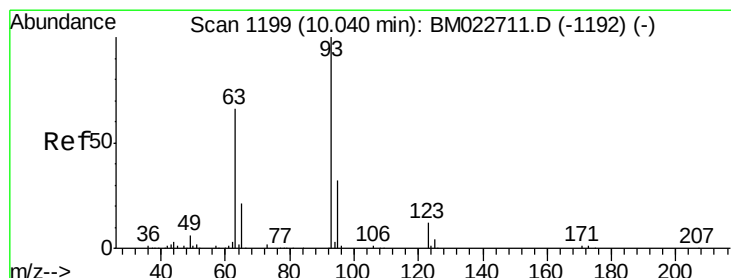
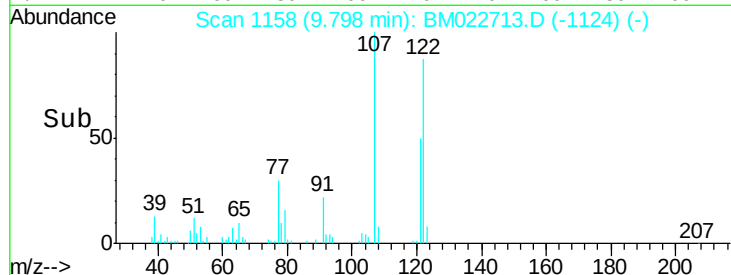
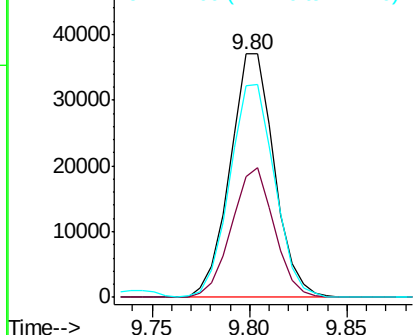
#24
2,4-Dimethylphenol
Concen: 3.333 ng/ul
RT: 9.80 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

Tgt Ion: 107 Resp: 58108
Ion Ratio Lower Upper
107 100
121 49.7 40.2 60.4
122 87.0 70.2 105.2

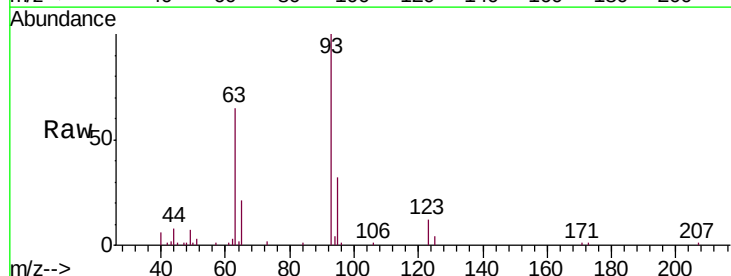


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

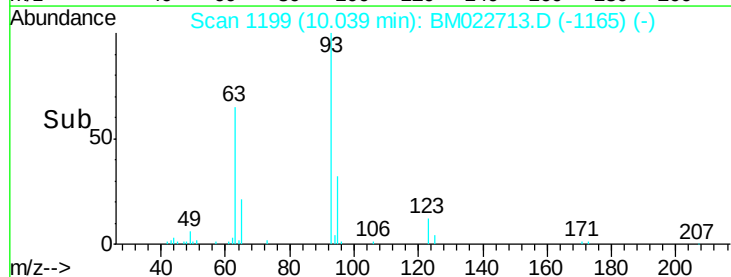
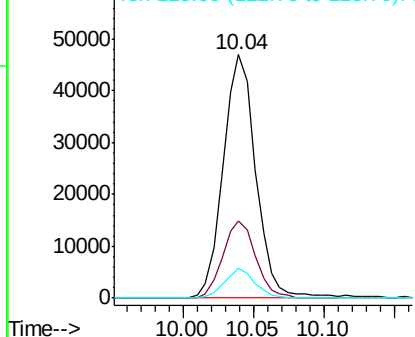


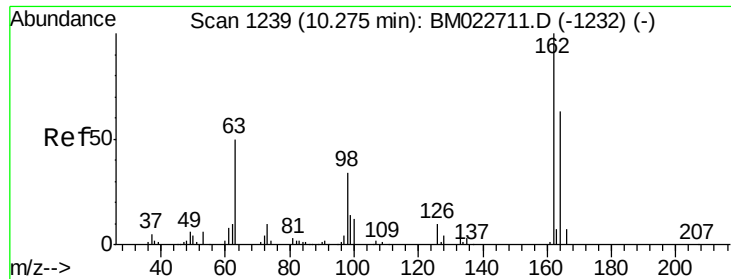
#25
Bis(2-Chloroethoxy)methane
Concen: 3.614 ng/ul
RT: 10.04 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion: 93 Resp: 75473
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 12.0 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

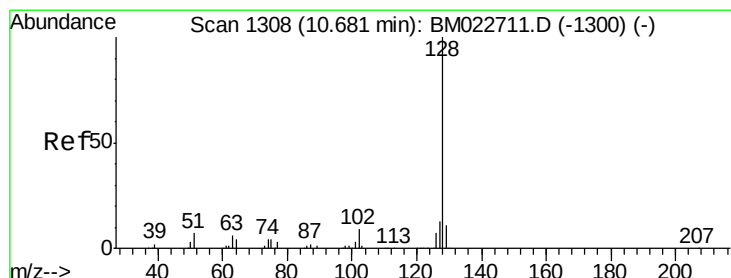
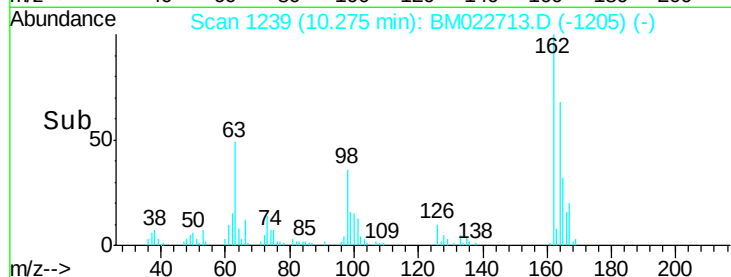
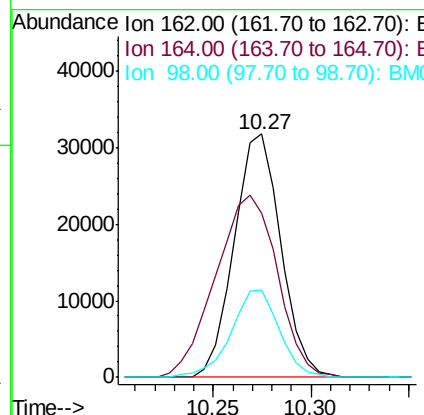
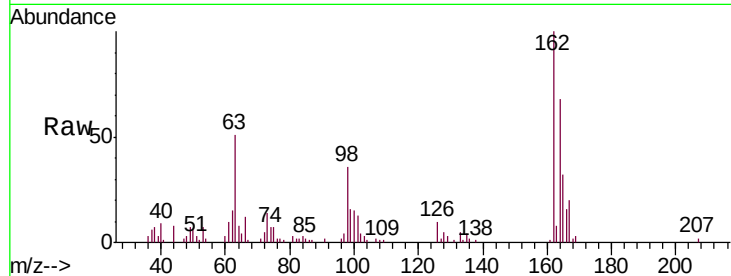




#27
2,4-Dichlorophenol
Concen: 3.592 ng/ul
RT: 10.27 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

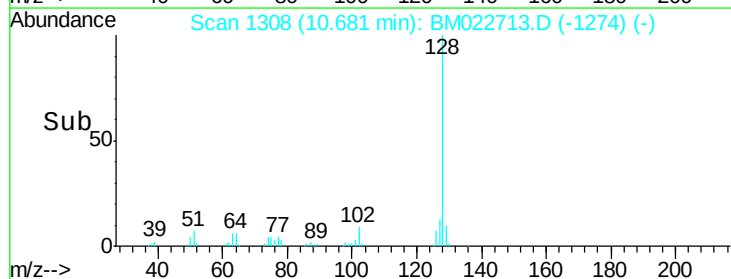
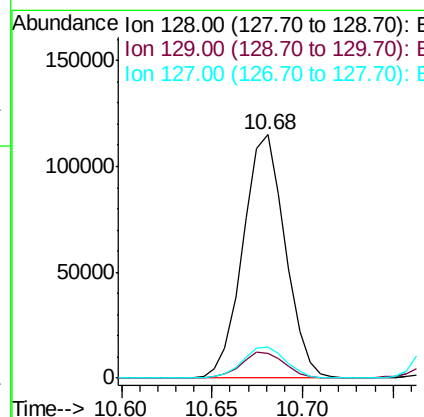
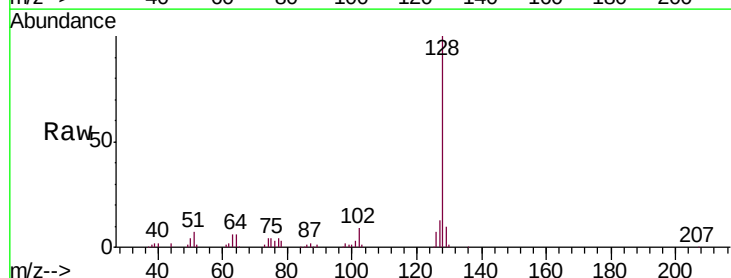
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

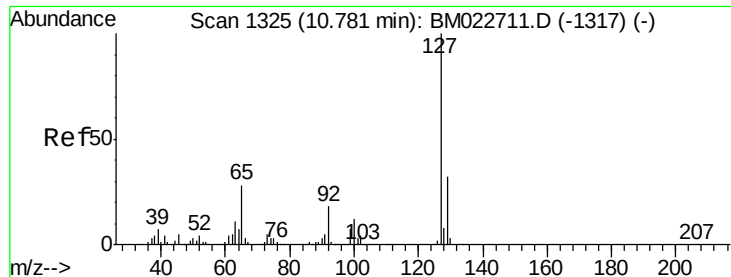
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.6	52.1	78.1
98	36.1	28.9	43.3



#28
Naphthalene
Concen: 3.820 ng/ul
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	12.6	10.6	16.0

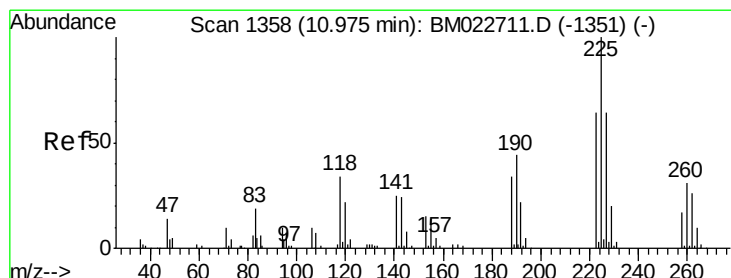
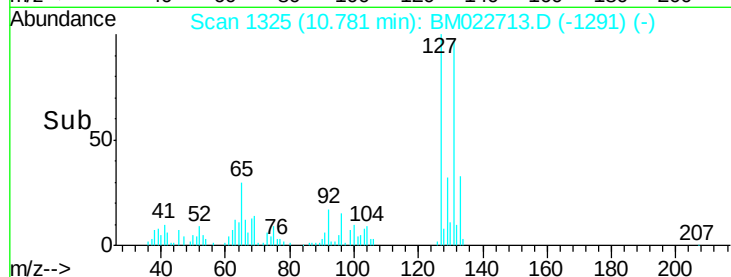
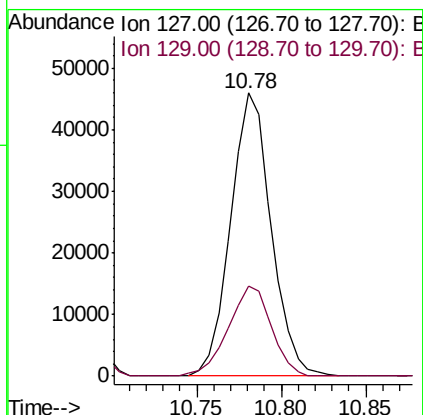
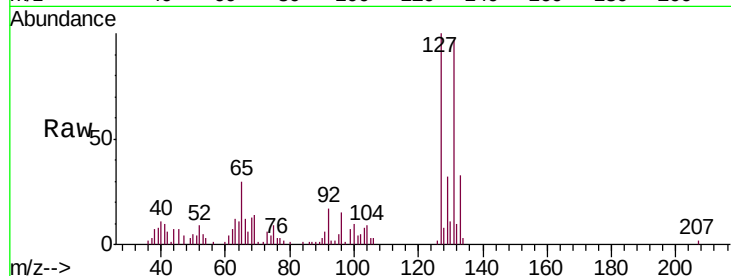




#30
4-Chloroaniline
Concen: 3.804 ng/ul
RT: 10.78 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

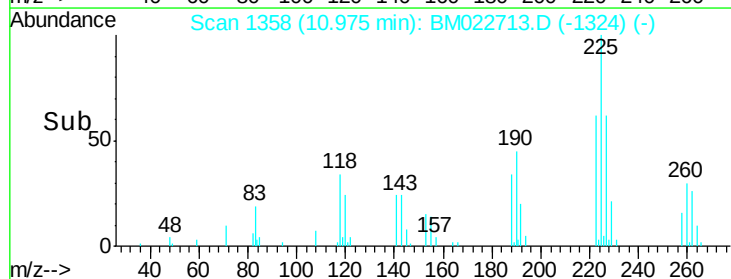
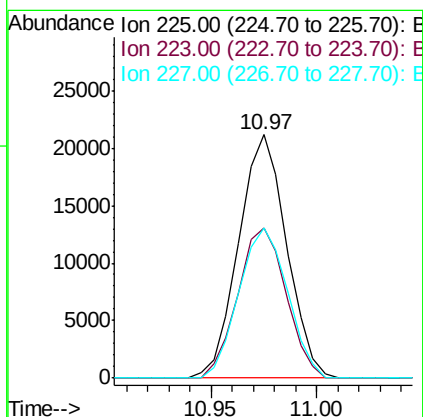
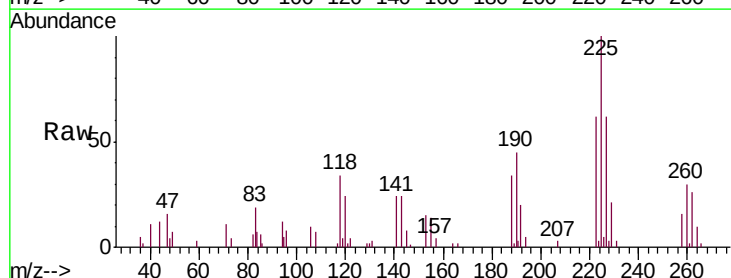
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

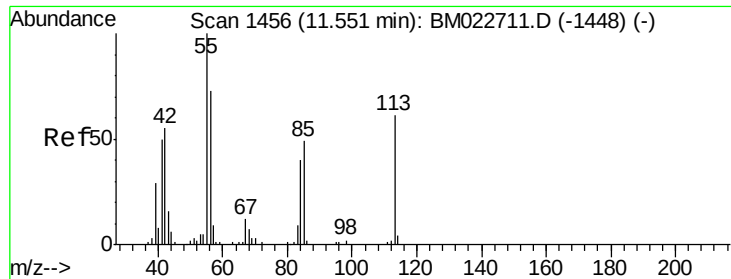
Tgt Ion:127 Resp: 76784
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2



#31
Hexachlorobutadiene
Concen: 3.692 ng/ul
RT: 10.97 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion:225 Resp: 33403
Ion Ratio Lower Upper
225 100
223 61.7 50.1 75.1
227 61.6 51.8 77.8





#32

Caprolactam

Concen: 2.176 ng/ul

RT: 11.59 min Scan# 1463

Delta R.T. 0.04 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

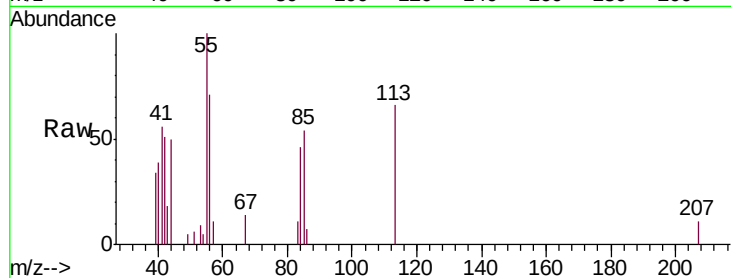
Tgt Ion:113 Resp: 11892

Ion Ratio Lower Upper

113 100

55 151.0 135.6 203.4

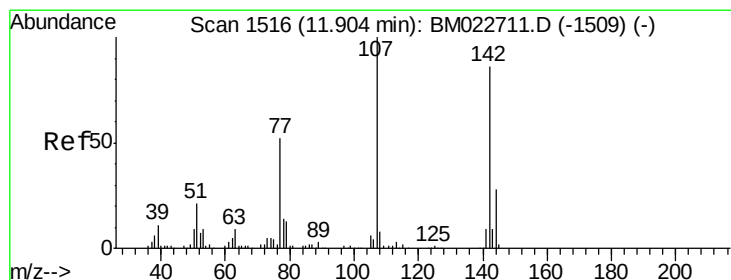
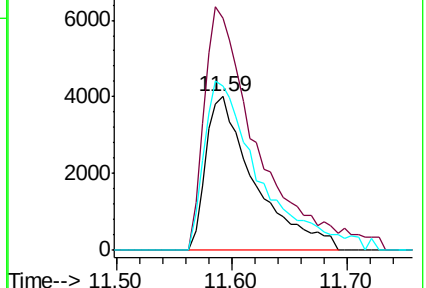
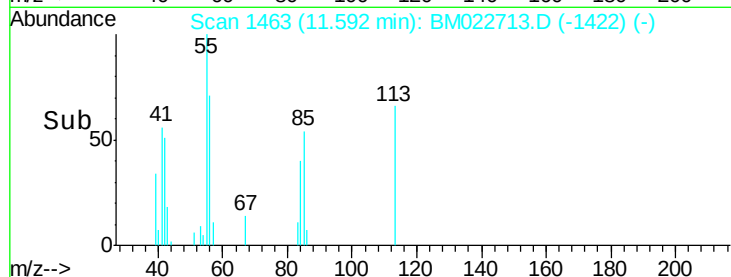
56 106.6 98.4 147.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 2.965 ng/ul

RT: 11.90 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

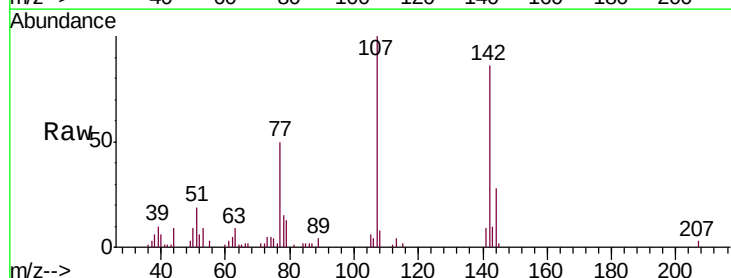
Tgt Ion:107 Resp: 48046

Ion Ratio Lower Upper

107 100

144 27.7 22.6 34.0

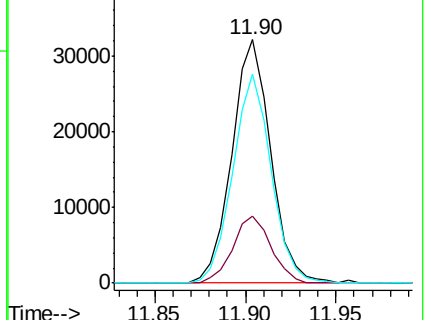
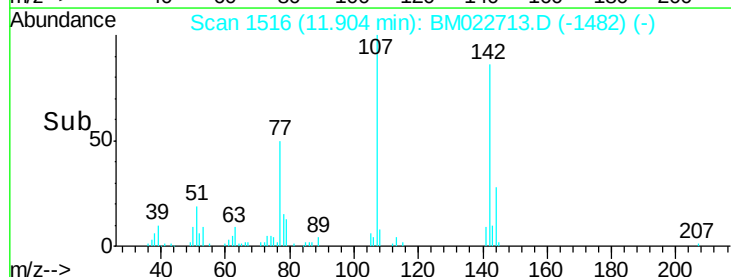
142 85.9 67.0 100.4

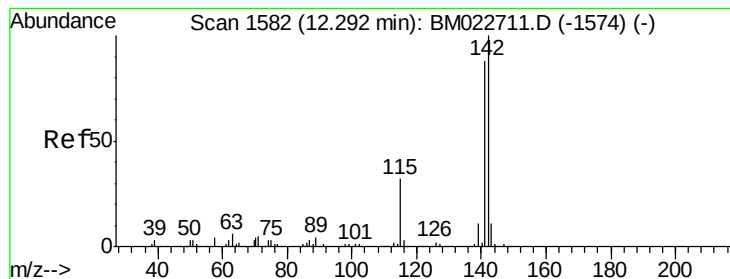


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

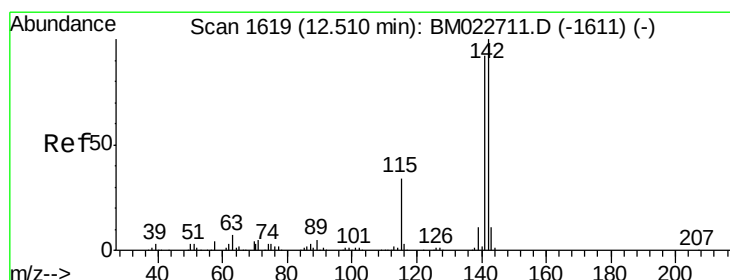
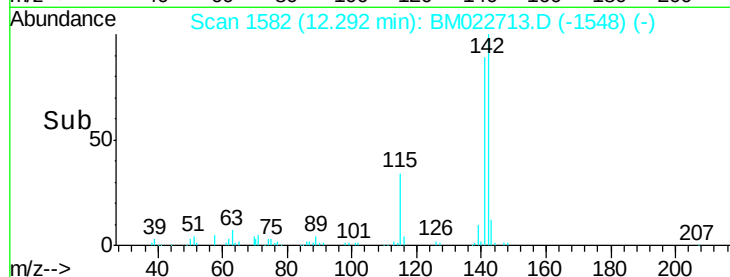
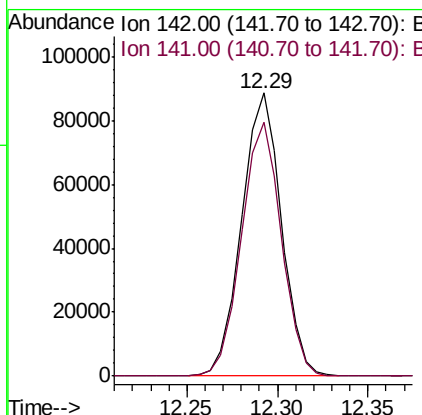
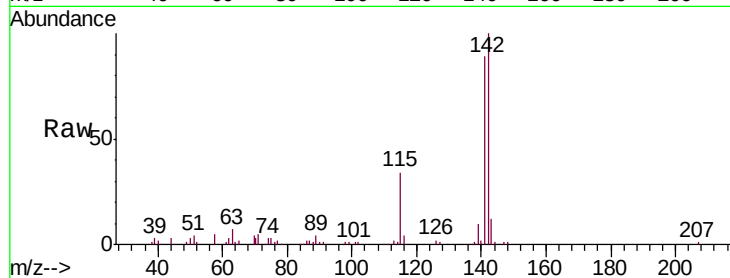




#34
 2-Methylnaphthalene
 Concen: 3.661 ng/ul
 RT: 12.29 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

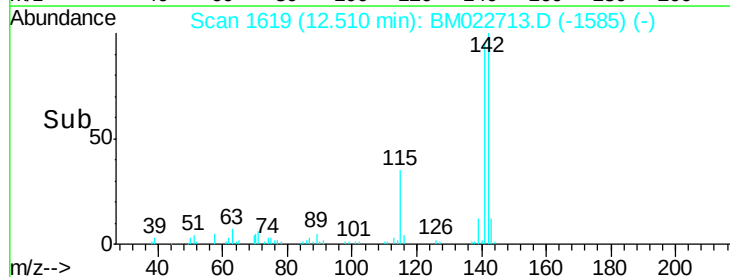
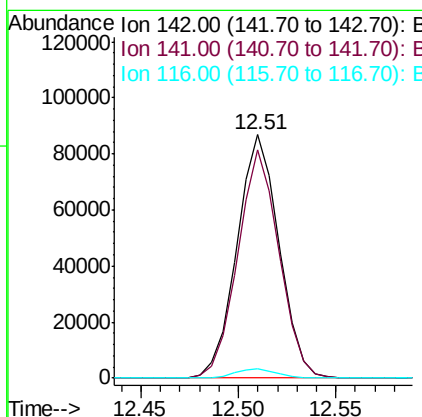
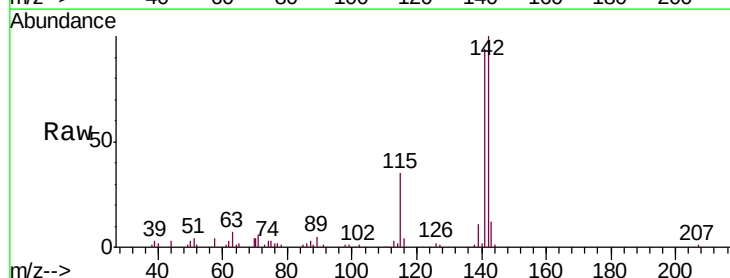
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

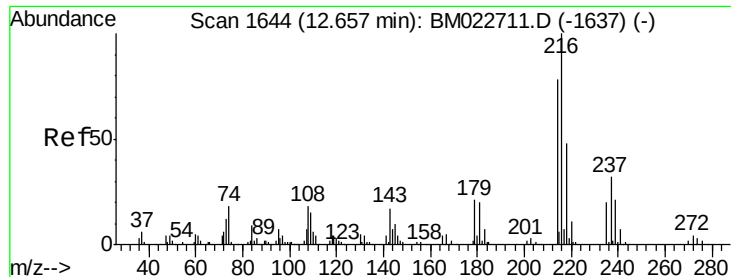
Tgt Ion:142 Resp: 134676
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.4



#35
 1-Methylnaphthalene
 Concen: 3.686 ng/ul
 RT: 12.51 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:142 Resp: 129537
 Ion Ratio Lower Upper
 142 100
 141 93.9 72.6 108.8
 116 3.7 3.0 4.4

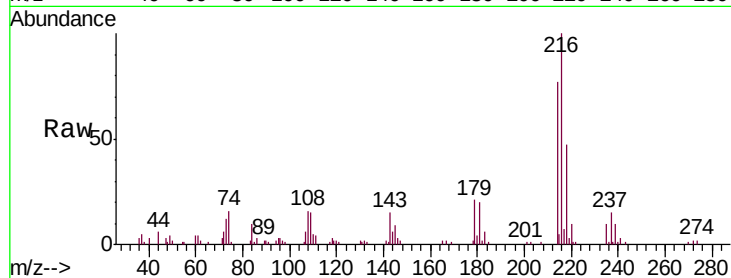




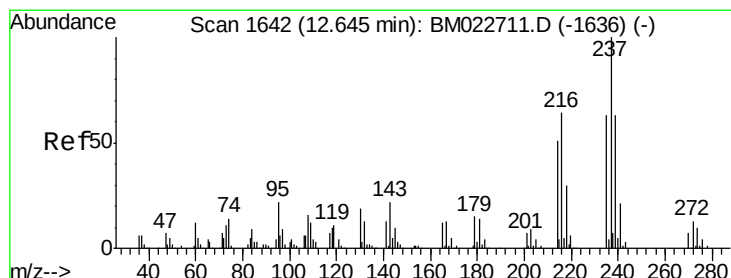
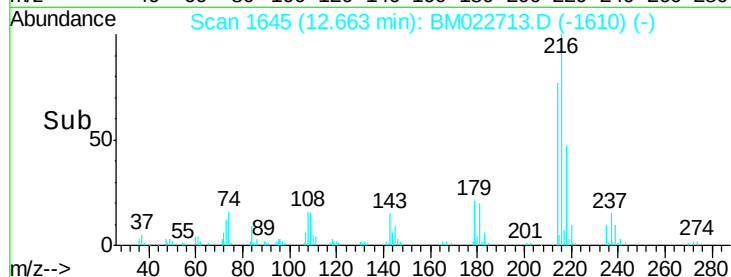
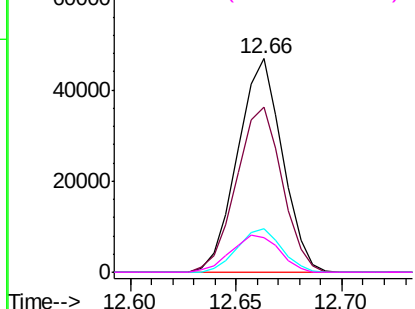
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.731 ng/ul
 RT: 12.66 min Scan# 1645
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Tgt Ion:	216	Resp:	69010
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.4	95.0
179	20.6	16.7	25.1
108	16.3	14.4	21.6

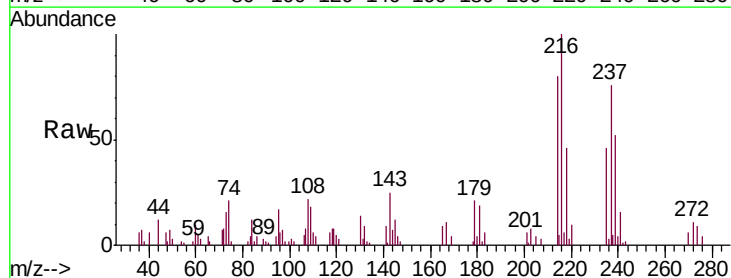


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

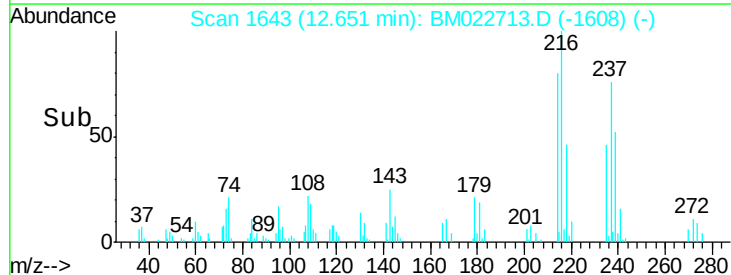
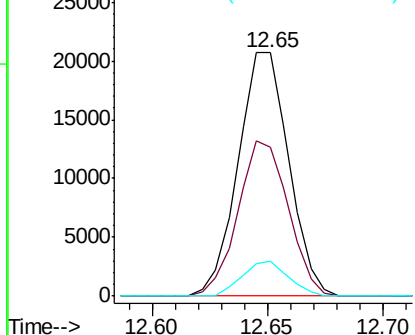


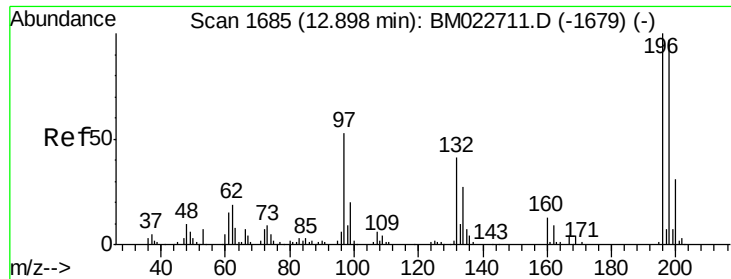
#38
 Hexachlorocyclopentadiene
 Concen: 2.780 ng/ul
 RT: 12.65 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:	237	Resp:	31704
Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.1	75.1
272	14.2	10.2	15.4



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

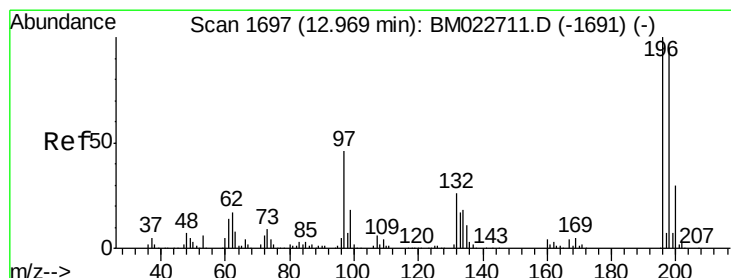
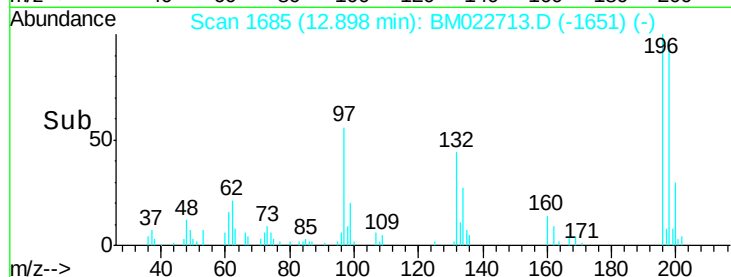
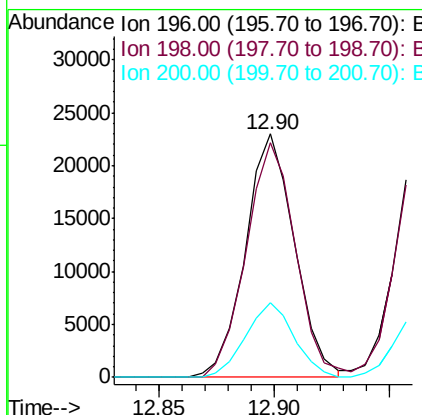
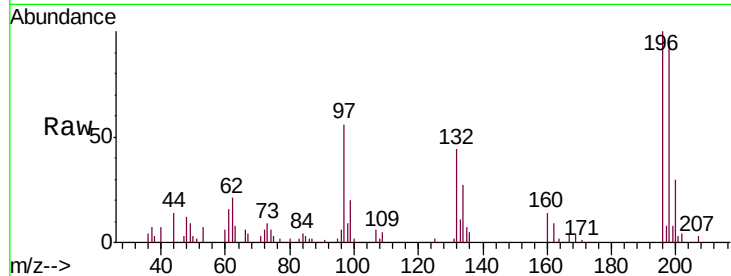




#39
 2,4,6-Trichlorophenol
 Concen: 2.939 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

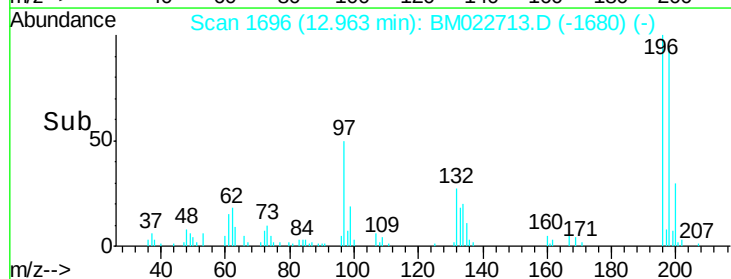
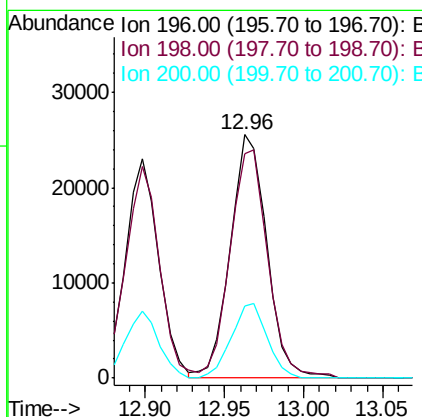
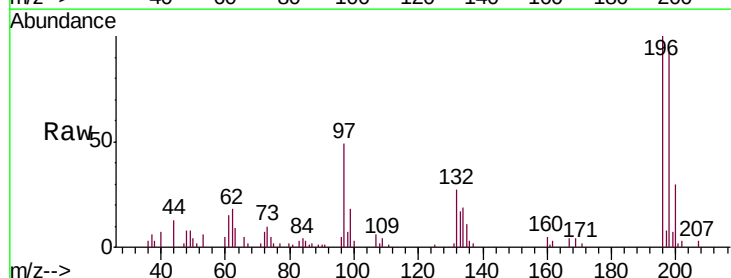
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

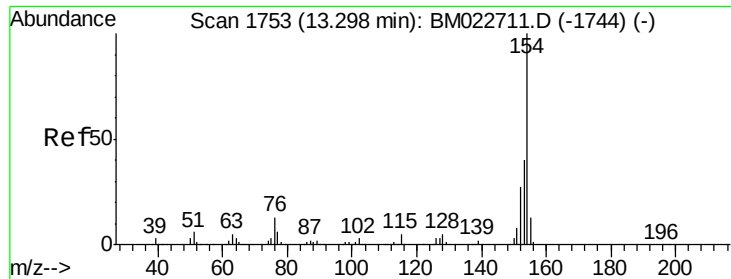
Tgt Ion:196 Resp: 34026
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.7 116.5
 200 30.5 24.6 37.0



#40
 2,4,5-Trichlorophenol
 Concen: 3.269 ng/ul
 RT: 12.96 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:196 Resp: 41047
 Ion Ratio Lower Upper
 196 100
 198 92.2 77.4 116.0
 200 29.7 24.0 36.0

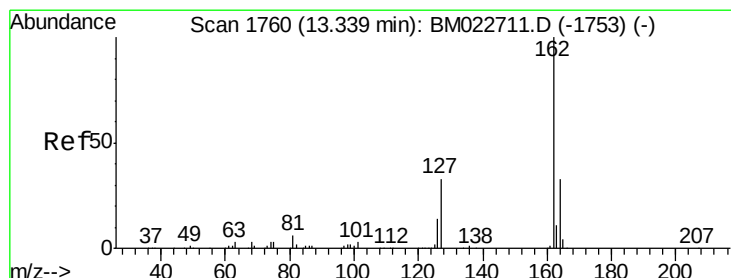
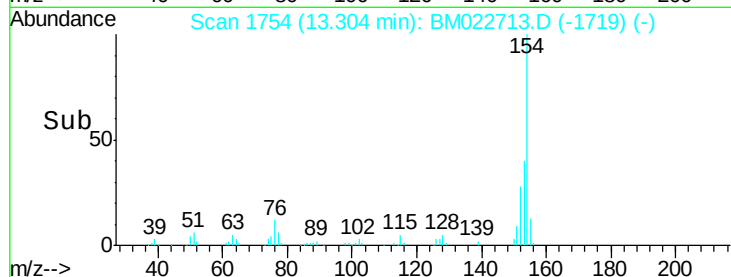
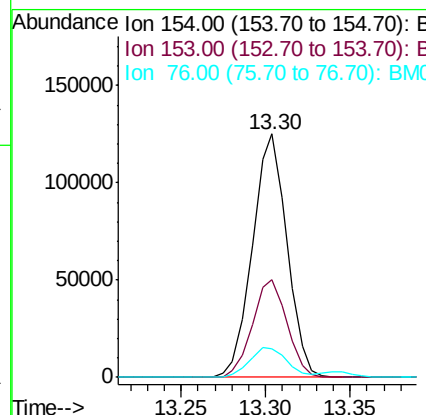
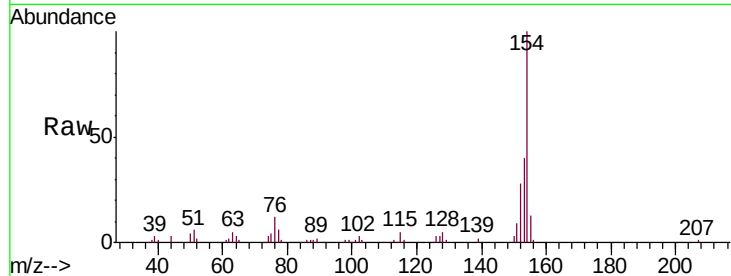




#41
 1,1'-Biphenyl
 Concen: 3.731 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

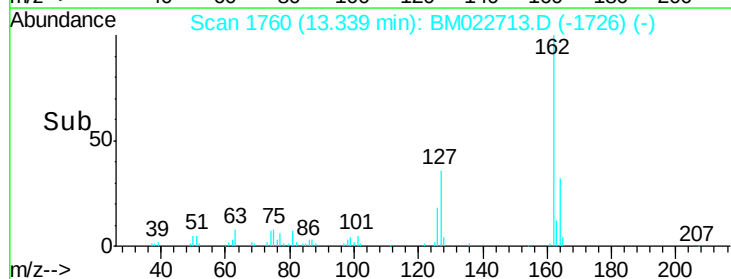
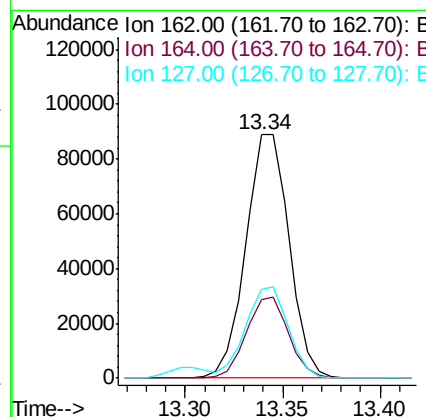
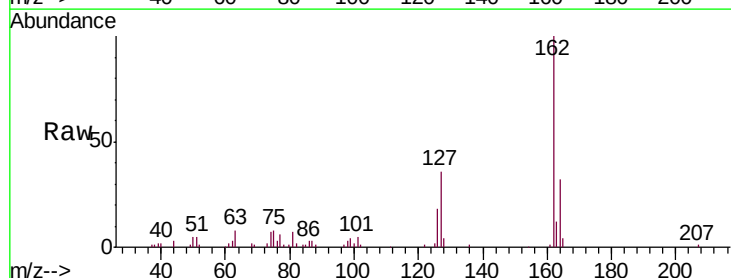
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

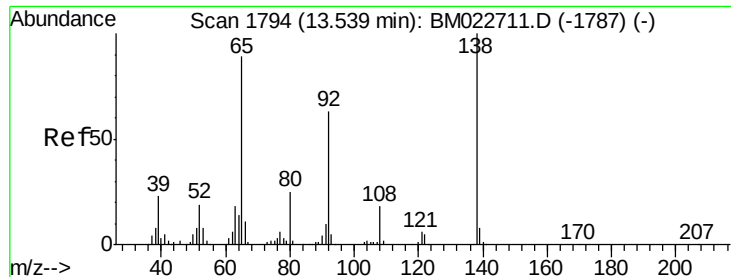
Tgt Ion:	154	Resp:	178100
Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.1	48.1
76	12.0	10.2	15.2



#42
 2-Chloronaphthalene
 Concen: 3.775 ng/ul
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:	162	Resp:	136439
Ion	Ratio	Lower	Upper
162	100		
164	32.2	26.1	39.1
127	36.3	30.1	45.1

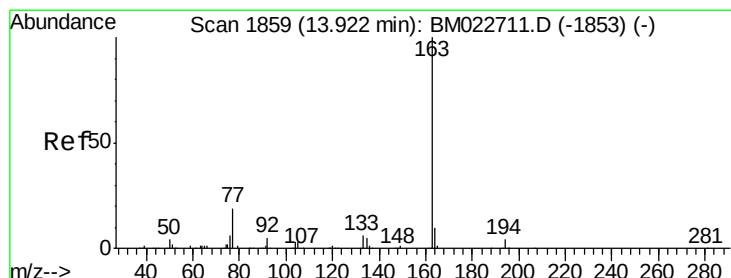
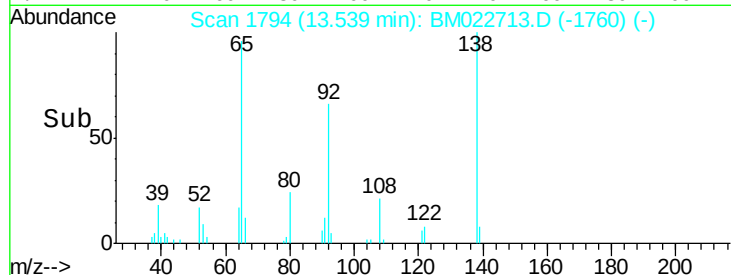
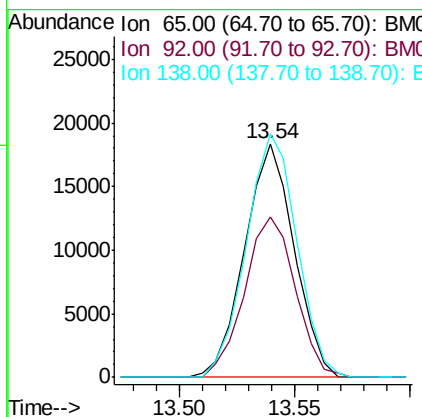
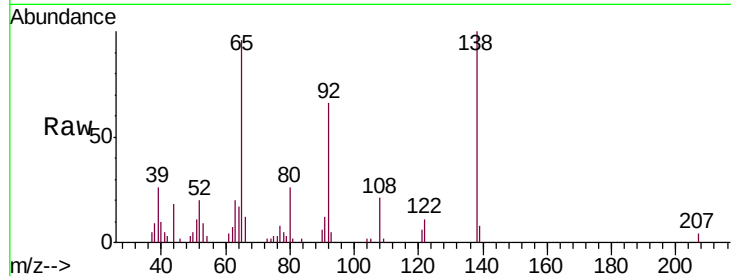




#43
2-Nitroaniline
Concen: 3.259 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

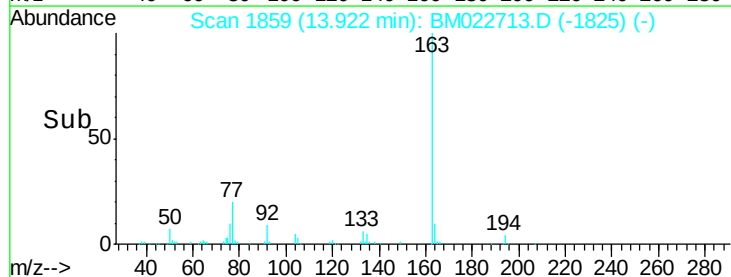
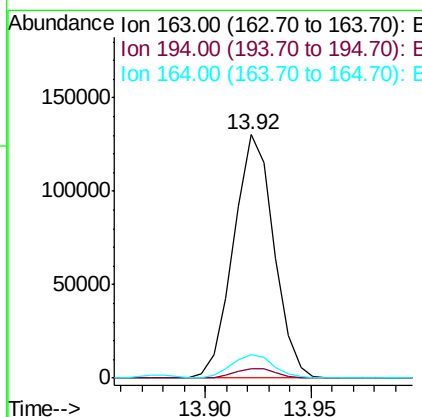
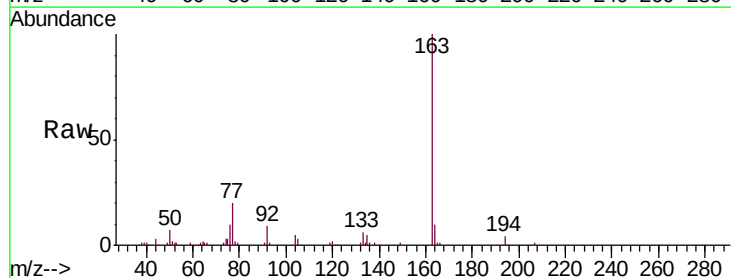
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

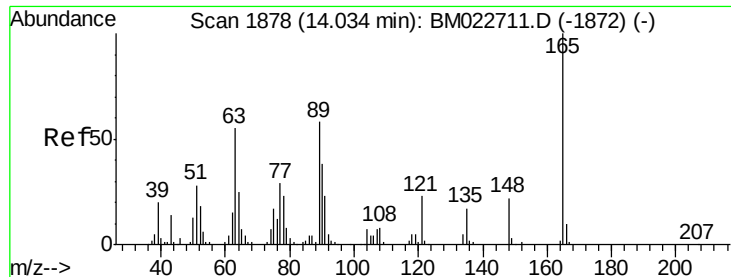
Tgt Ion: 65 Resp: 27500
Ion Ratio Lower Upper
65 100
92 68.9 55.7 83.5
138 104.3 86.0 129.0



#45
Dimethylphthalate
Concen: 3.661 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM022713.D
Acq: 18 Sep 2019 13:08

Tgt Ion: 163 Resp: 172637
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 7.8 11.8

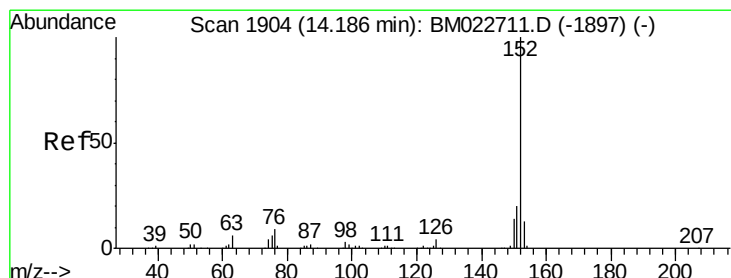
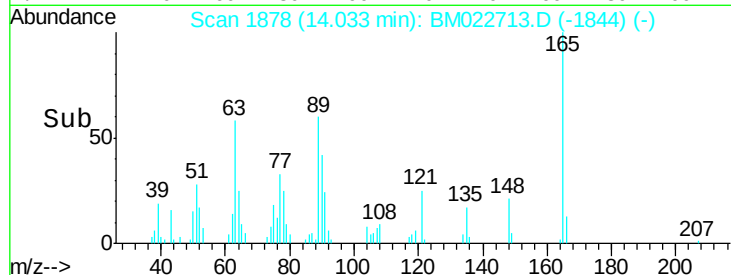
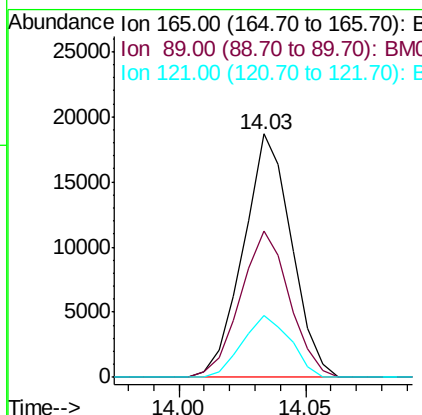
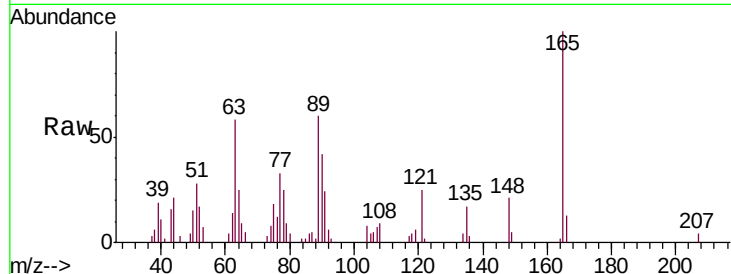




#46
 2,6-Dinitrotoluene
 Concen: 3.228 ng/ul
 RT: 14.03 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

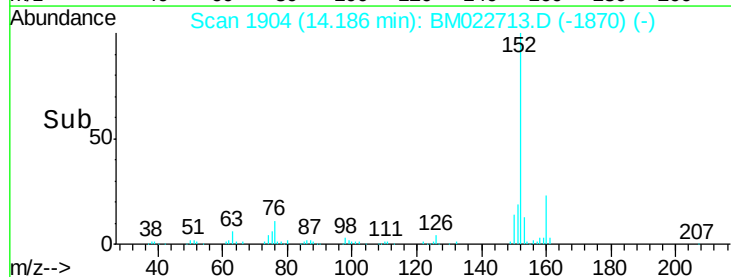
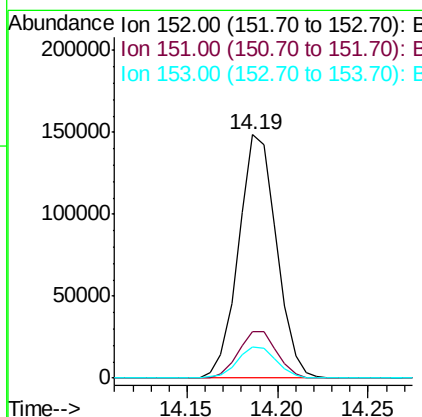
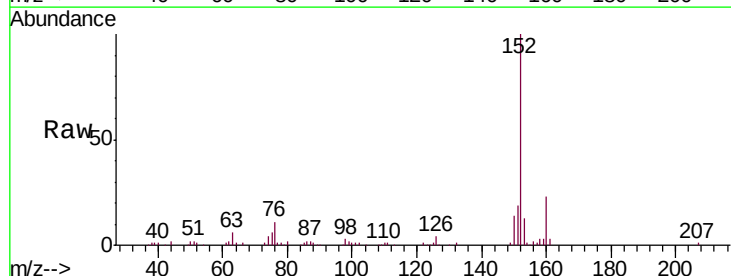
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

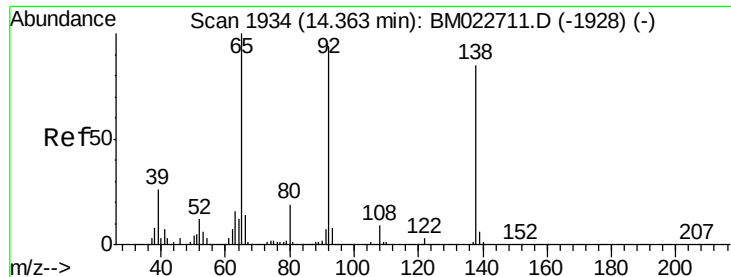
Tgt Ion:165 Resp: 24780
 Ion Ratio Lower Upper
 165 100
 89 59.9 47.7 71.5
 121 25.3 18.4 27.6



#48
 Acenaphthylene
 Concen: 3.748 ng/ul
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:152 Resp: 216250
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.8 23.8
 153 13.0 10.4 15.6





#49

3-Nitroaniline

Concen: 2.634 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

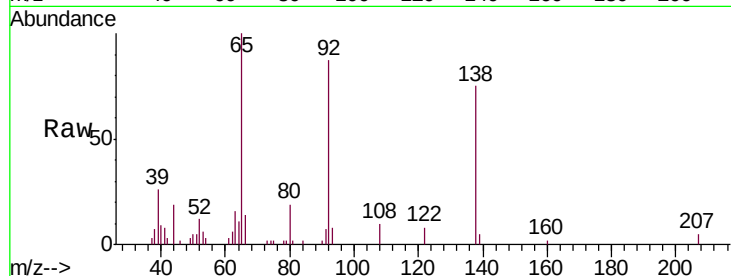
Tgt Ion:138 Resp: 21923

Ion Ratio Lower Upper

138 100

108 13.0 13.5 20.3#

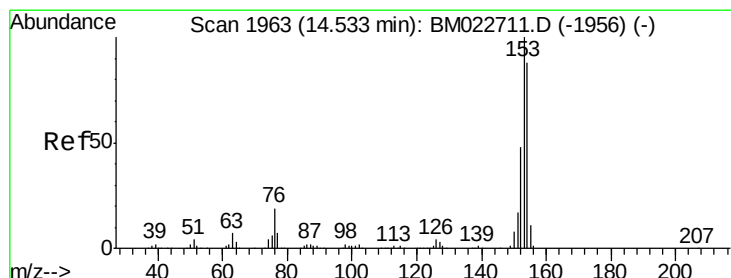
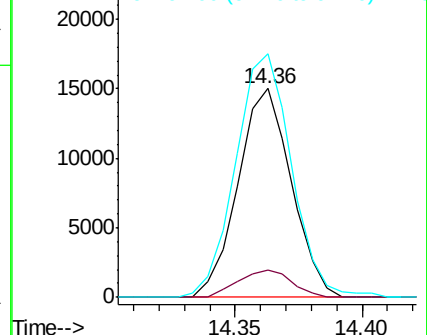
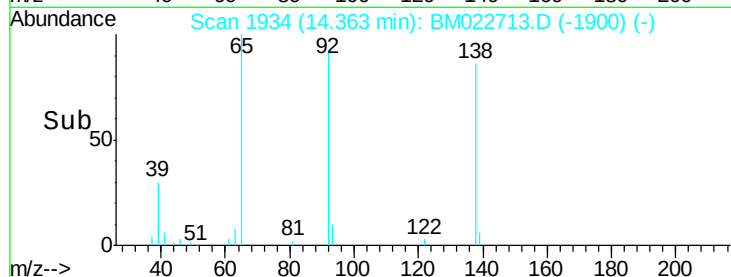
92 116.6 93.7 140.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50

Acenaphthene

Concen: 3.690 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

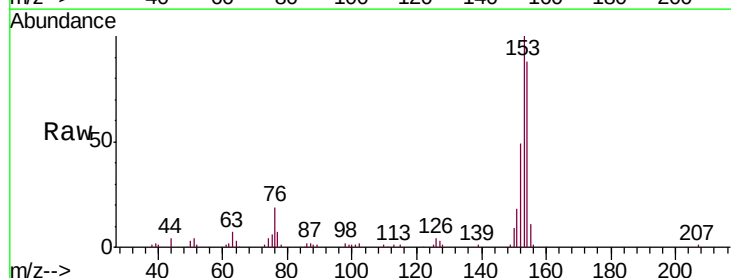
Tgt Ion:153 Resp: 147512

Ion Ratio Lower Upper

153 100

152 49.3 37.5 56.3

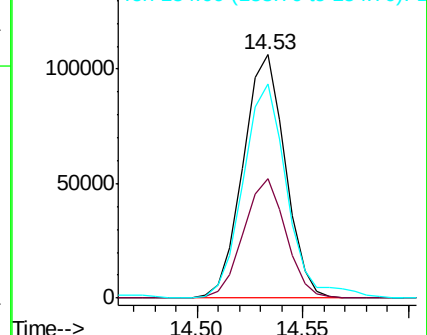
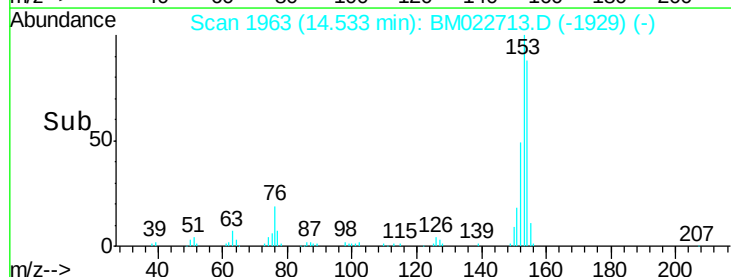
154 88.2 71.4 107.0

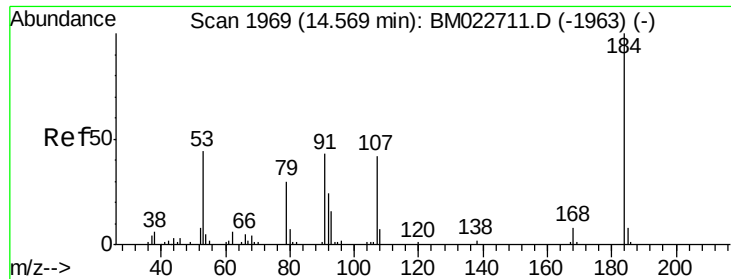


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

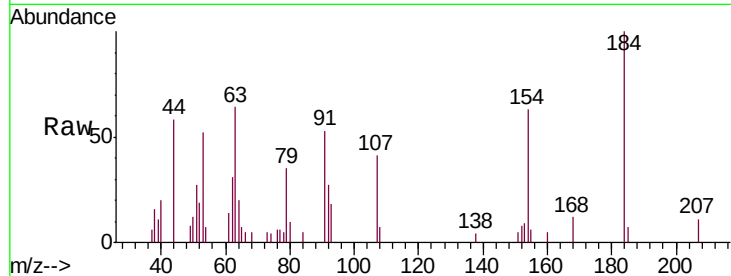




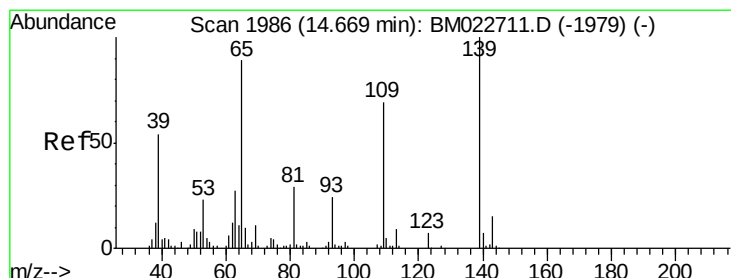
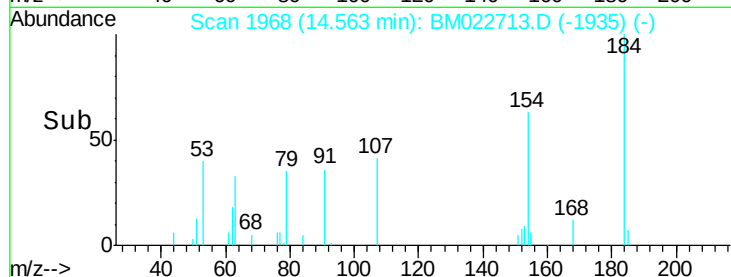
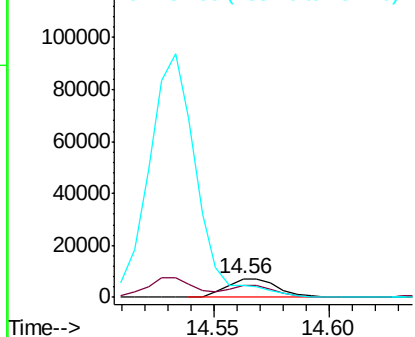
#51
 2,4-Dinitrophenol
 Concen: 3.206 ng/ul
 RT: 14.56 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Tgt Ion:184 Resp: 11291
 Ion Ratio Lower Upper
 184 100
 63 64.4 51.5 77.3
 154 63.3 81.9 122.9#

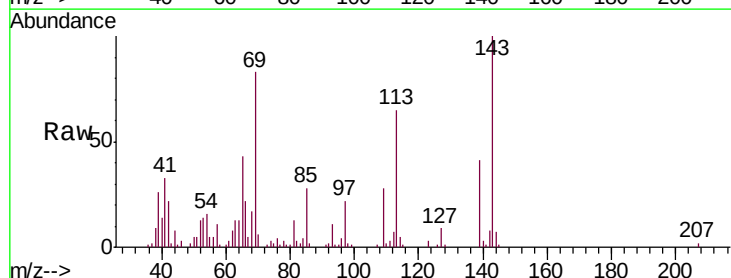


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

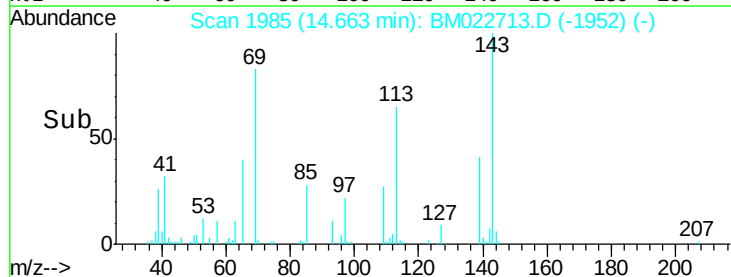
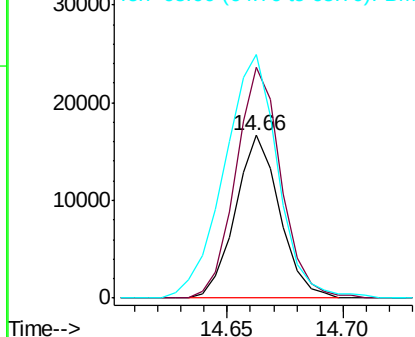


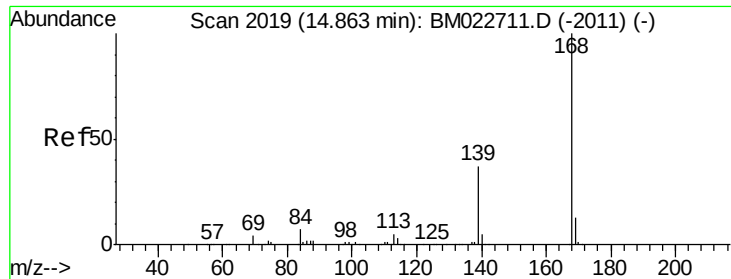
#53
 4-Nitrophenol
 Concen: 3.511 ng/ul
 RT: 14.66 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:109 Resp: 22386
 Ion Ratio Lower Upper
 109 100
 139 142.1 107.6 161.4
 65 149.9 101.9 152.9



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#54

Dibenzenofuran

Concen: 3.937 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

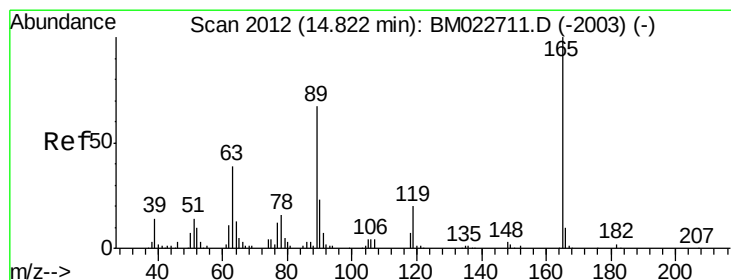
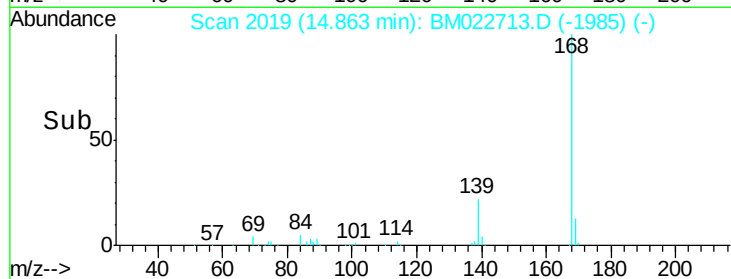
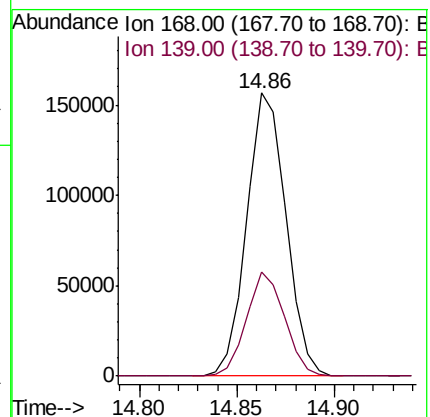
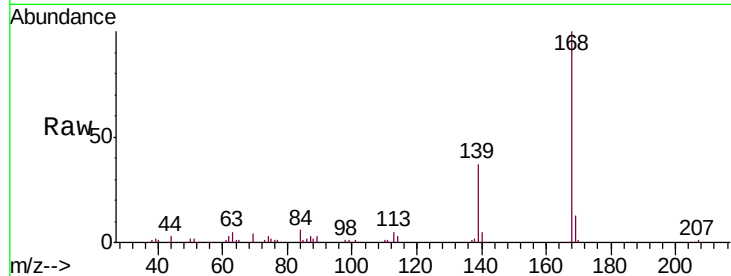
MDL-S-ME-02

Tgt Ion:168 Resp: 218421

Ion Ratio Lower Upper

168 100

139 36.9 29.5 44.3



#55

2,4-Dinitrotoluene

Concen: 3.414 ng/ul

RT: 14.82 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

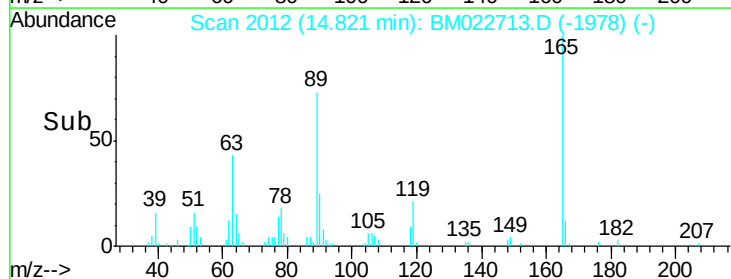
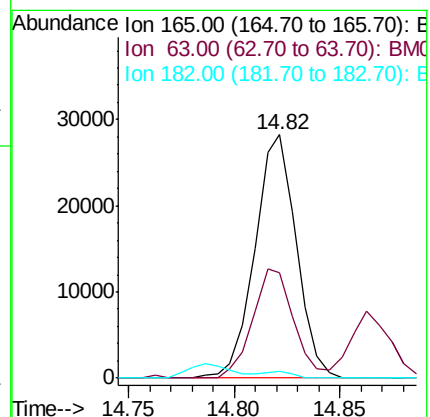
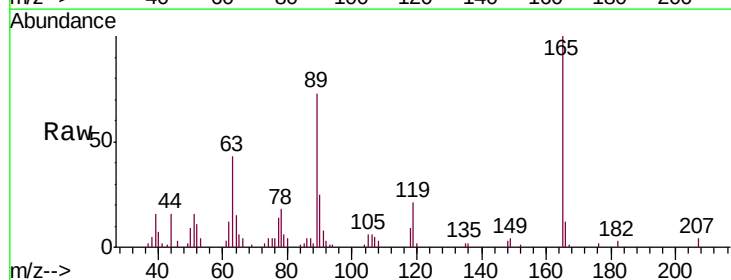
Tgt Ion:165 Resp: 38385

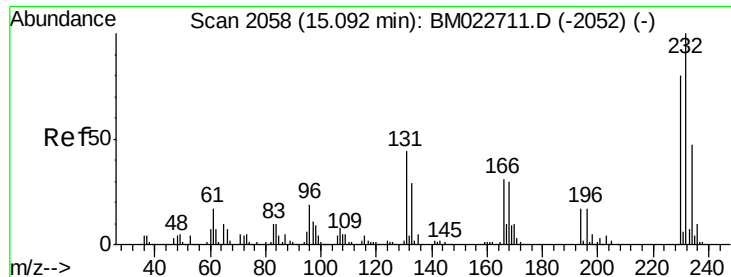
Ion Ratio Lower Upper

165 100

63 43.1 35.7 53.5

182 2.9 2.2 3.2

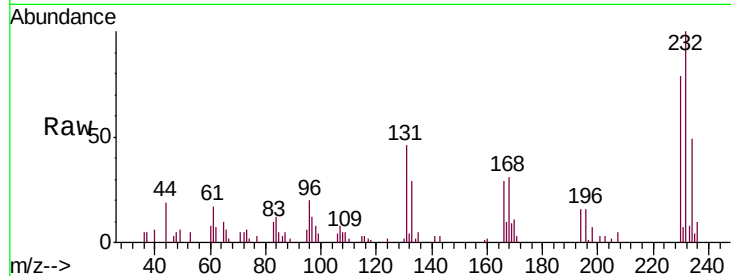




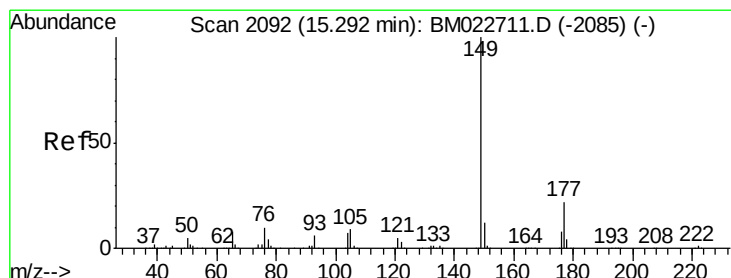
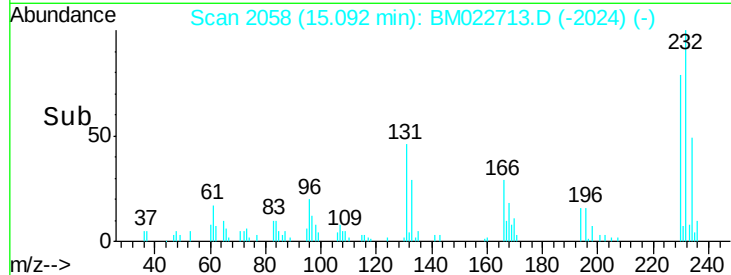
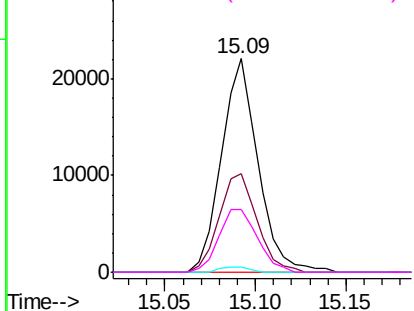
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.976 ng/ul
 RT: 15.09 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Tgt Ion: 232 Resp: 31044
 Ion Ratio Lower Upper
 232 100
 131 46.2 36.9 55.3
 130 2.3 2.0 3.0
 166 29.3 25.2 37.8

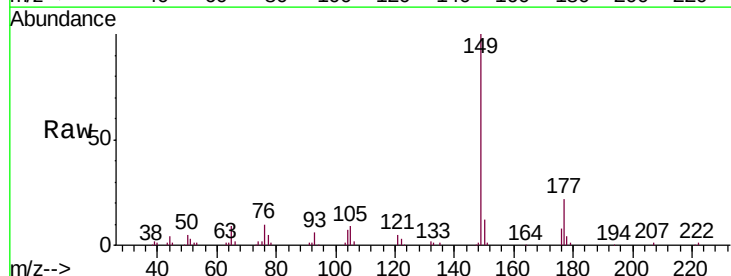


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

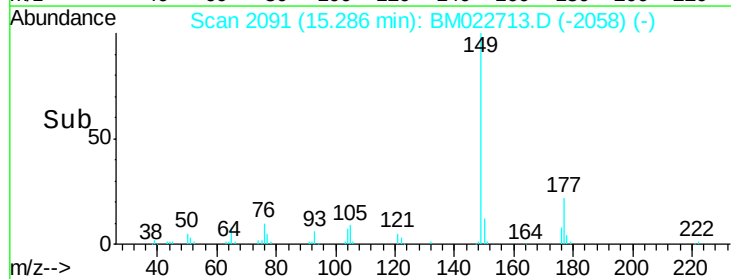
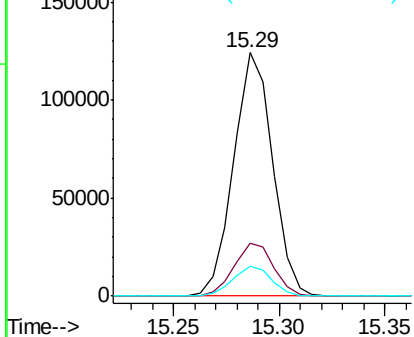


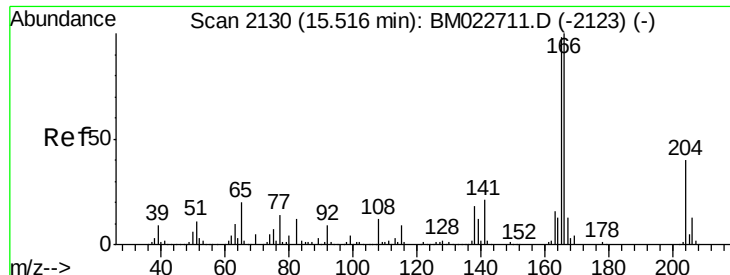
#57
 Diethylphthalate
 Concen: 3.257 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion: 149 Resp: 158887
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.3 25.9
 150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 3.819 ng/ul

RT: 15.52 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

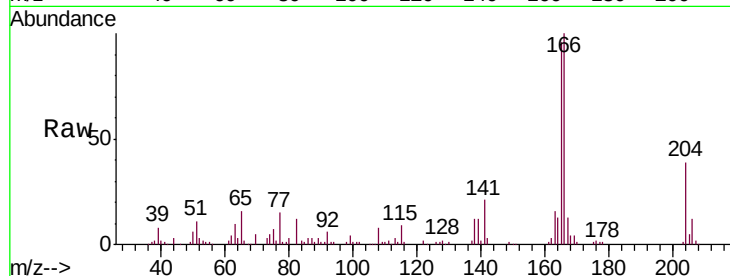
Tgt Ion:166 Resp: 174308

Ion Ratio Lower Upper

166 100

165 96.2 77.8 116.8

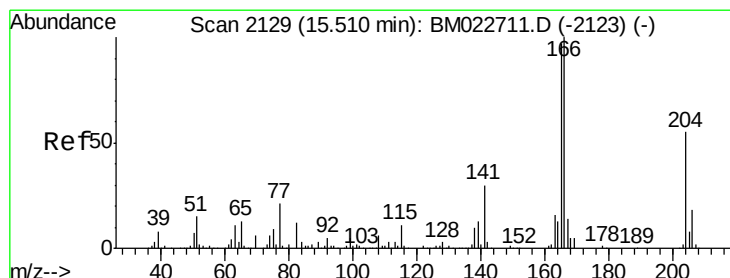
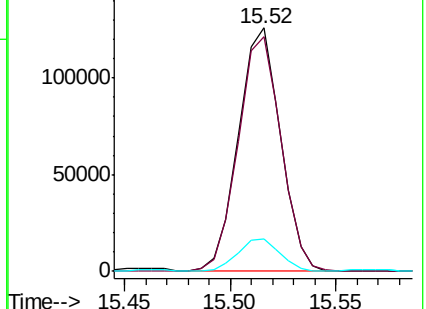
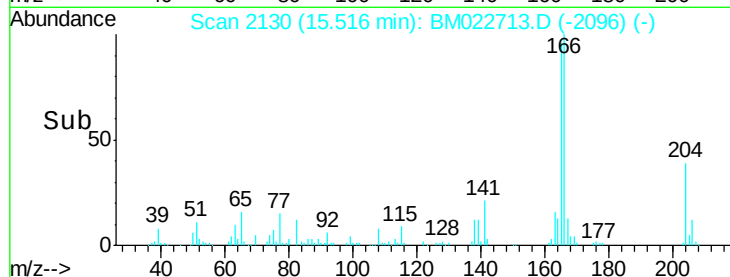
167 13.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.834 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

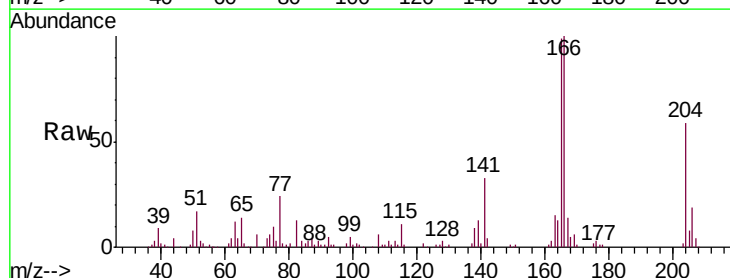
Tgt Ion:204 Resp: 86617

Ion Ratio Lower Upper

204 100

206 32.6 26.0 39.0

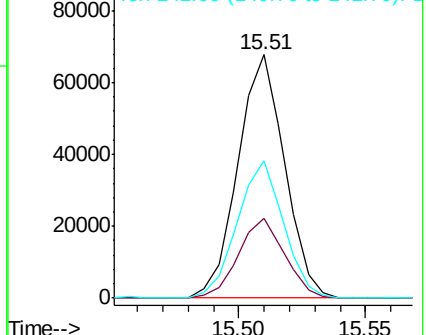
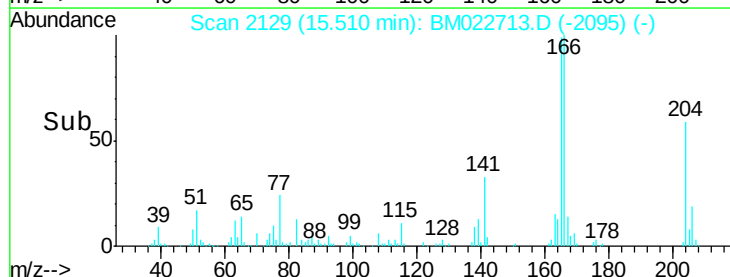
141 56.2 45.4 68.2

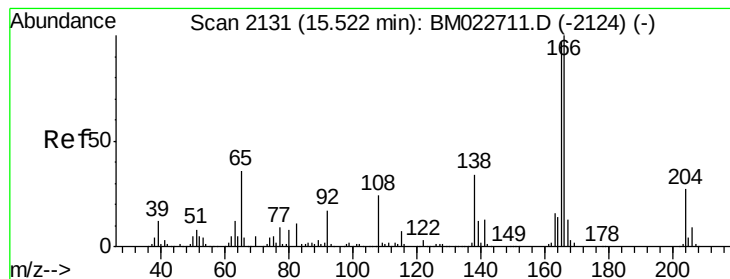


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.455 ng/ul

RT: 15.52 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

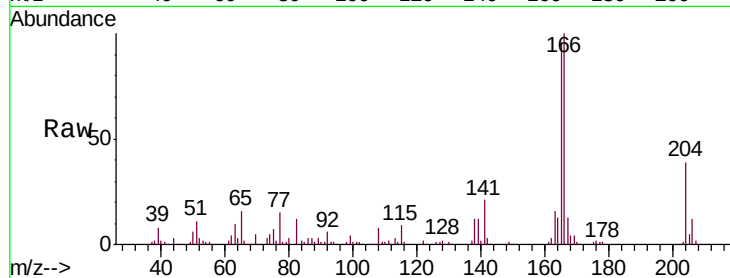
Tgt Ion:138 Resp: 23288

Ion Ratio Lower Upper

138 100

92 50.1 40.3 60.5

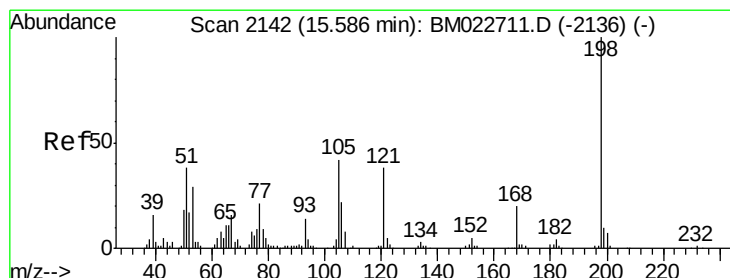
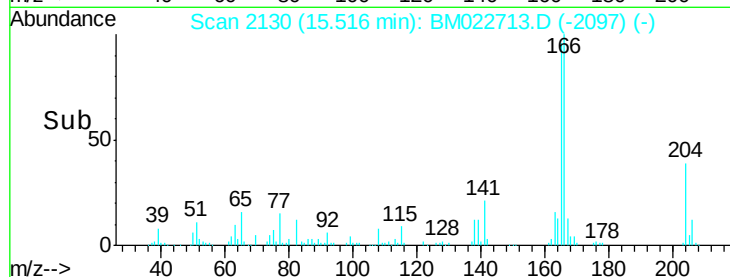
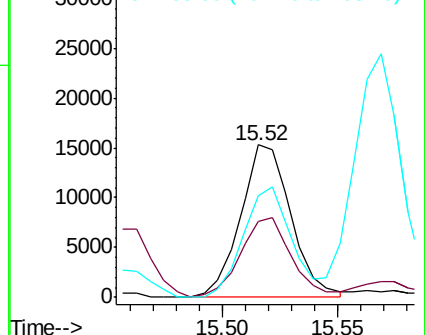
108 66.7 62.2 93.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 3.567 ng/ul

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

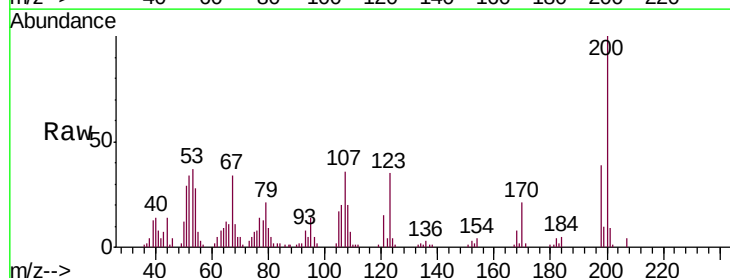
Tgt Ion:198 Resp: 22280

Ion Ratio Lower Upper

198 100

182 9.1 3.4 5.0#

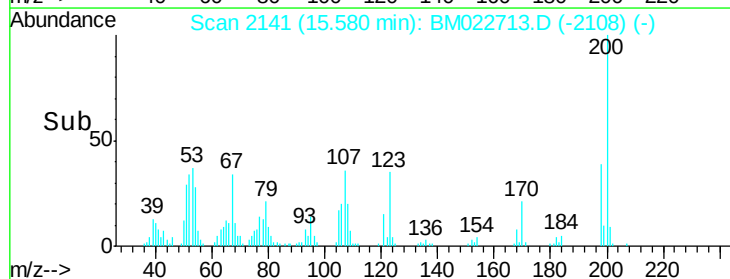
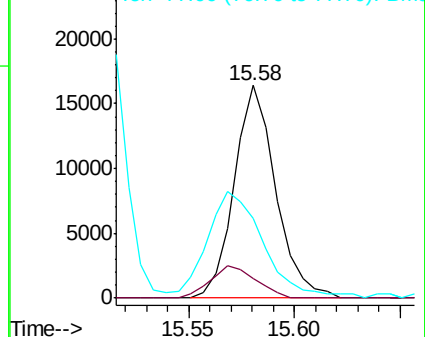
77 37.3 19.7 29.5#

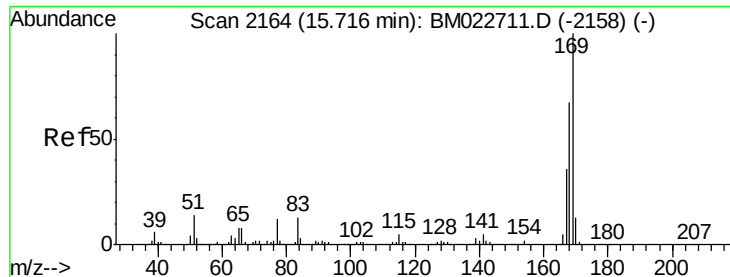


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0





#65

N-Nitrosodiphenylamine

Concen: 3.542 ng/ul

RT: 15.72 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampled :

MDL-S-ME-02

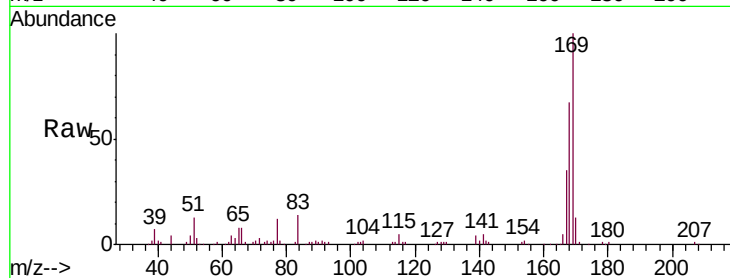
Tgt Ion:169 Resp: 143564

Ion Ratio Lower Upper

169 100

168 67.0 53.5 80.3

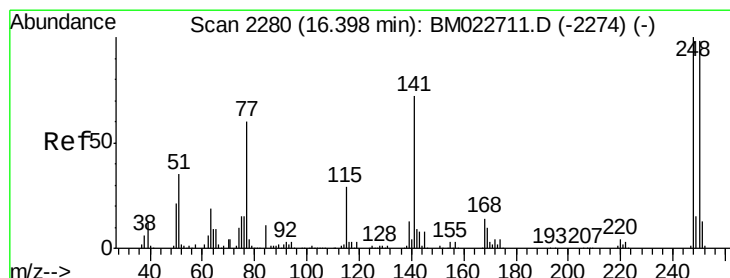
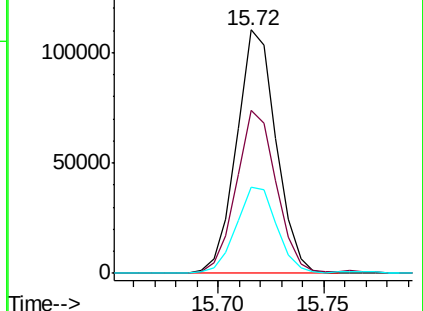
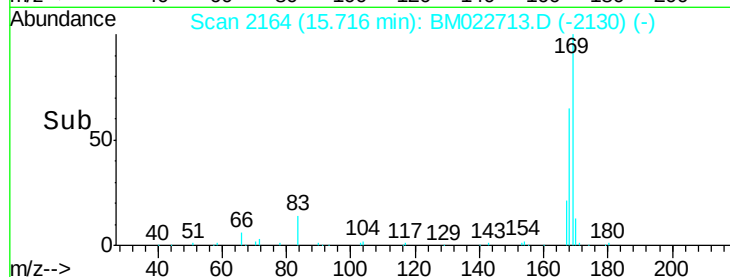
167 35.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.369 ng/ul

RT: 16.40 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

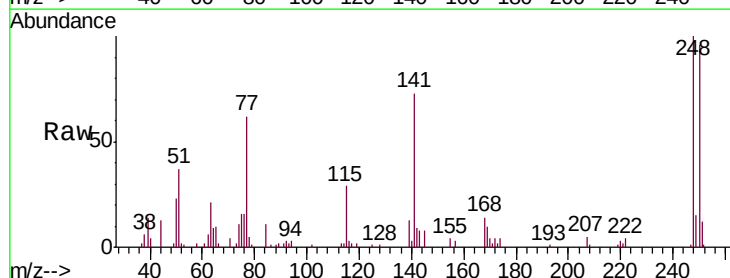
Tgt Ion:248 Resp: 49998

Ion Ratio Lower Upper

248 100

250 95.5 76.3 114.5

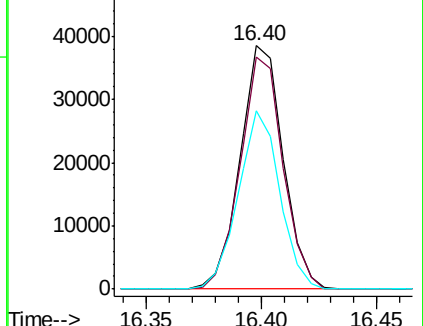
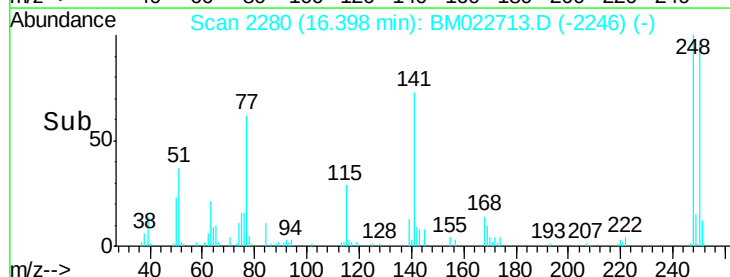
141 73.1 57.0 85.4

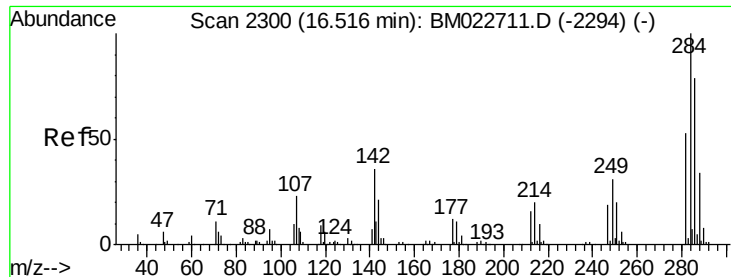


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.597 ng/ul

RT: 16.52 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

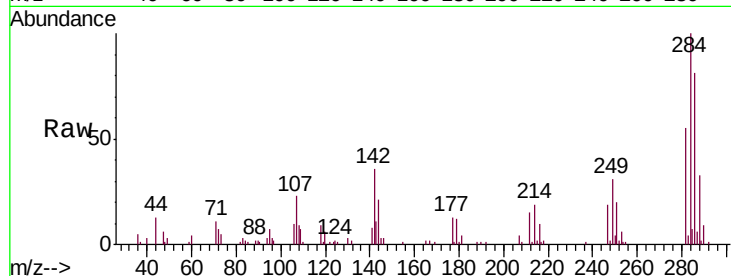
Tgt Ion:284 Resp: 58820

Ion Ratio Lower Upper

284 100

142 36.4 29.3 43.9

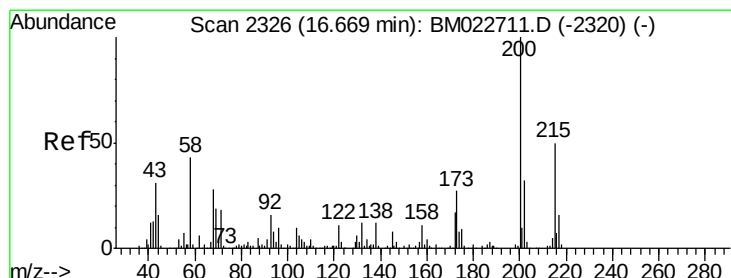
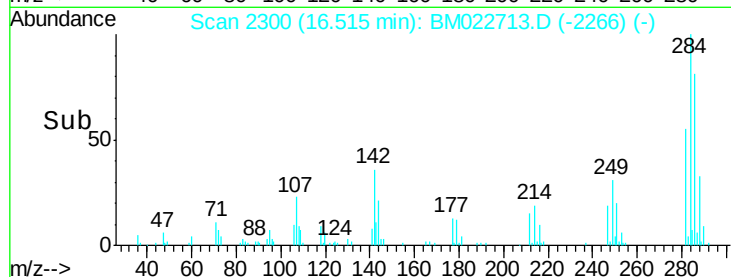
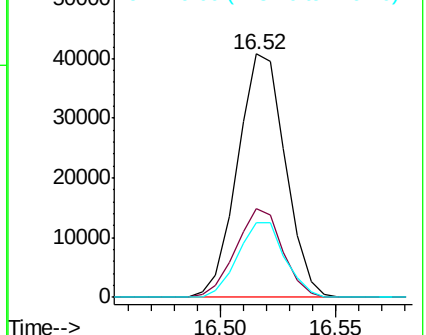
249 30.6 24.7 37.1



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.647 ng/ul

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

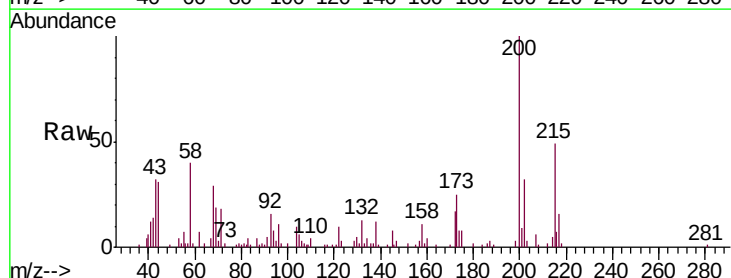
Tgt Ion:200 Resp: 41244

Ion Ratio Lower Upper

200 100

173 25.1 21.6 32.4

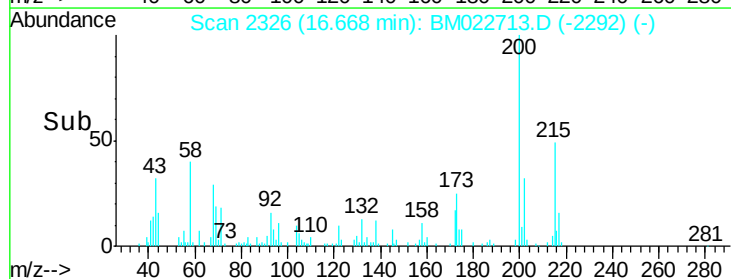
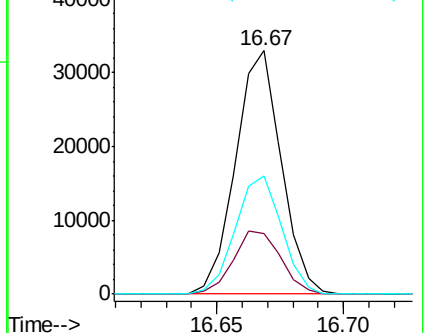
215 48.6 39.0 58.4

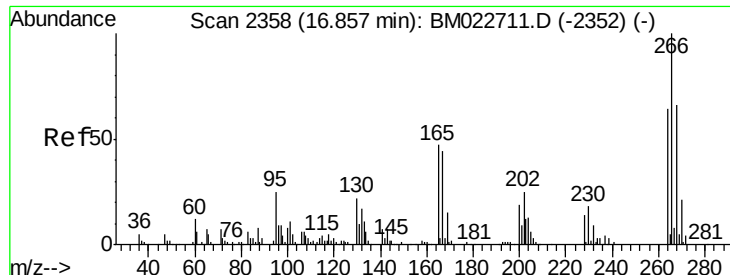


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.355 ng/ul

RT: 16.86 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

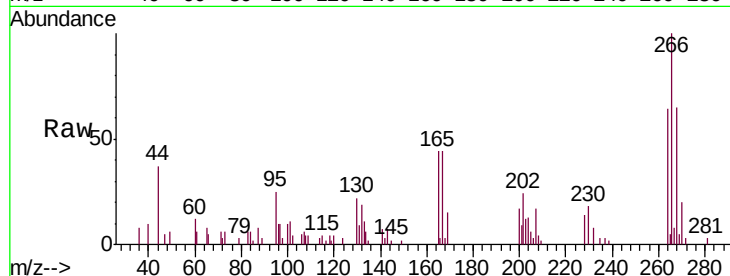
Tgt Ion:266 Resp: 21252

Ion Ratio Lower Upper

266 100

264 63.9 50.8 76.2

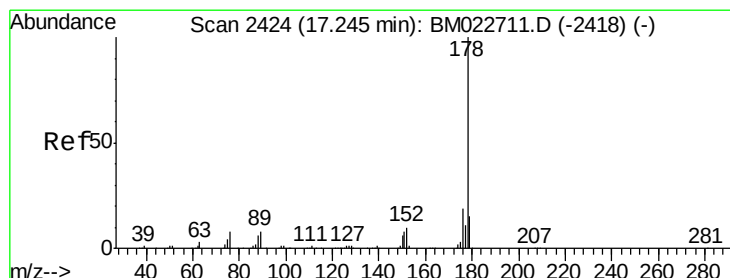
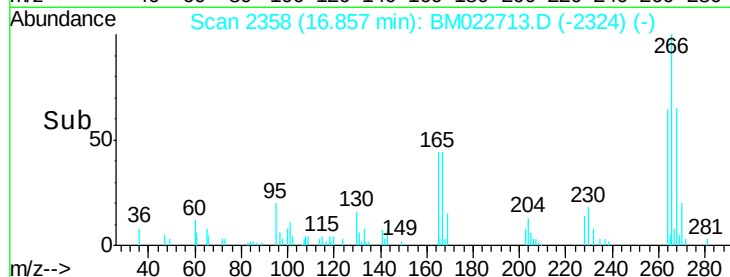
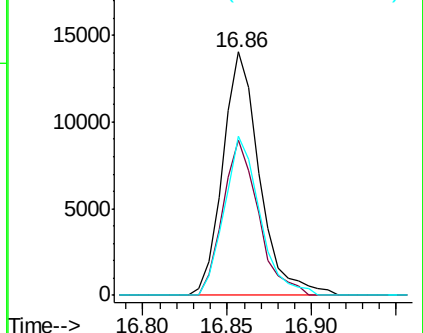
268 65.5 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 3.797 ng/ul

RT: 17.24 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

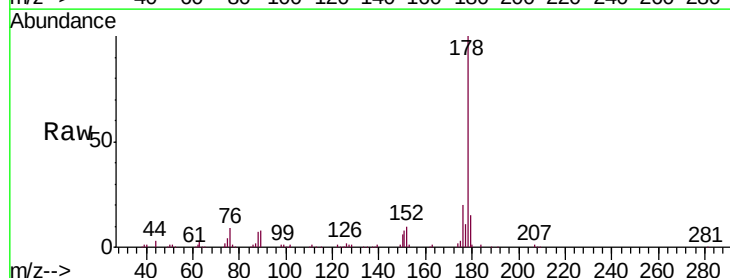
Tgt Ion:178 Resp: 276106

Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

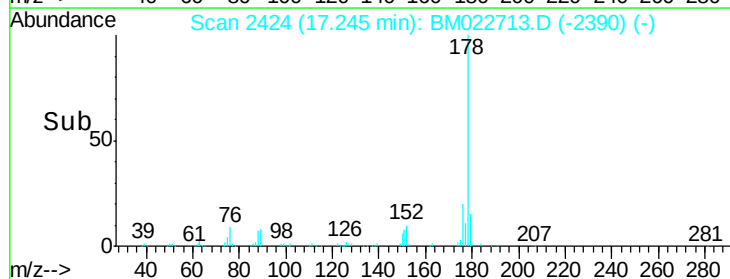
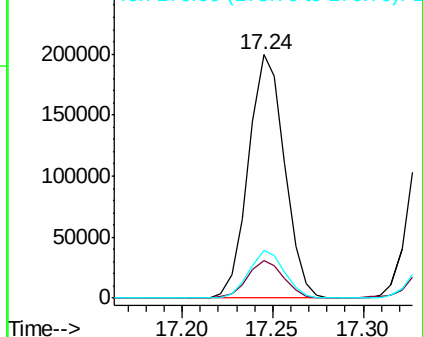
176 19.8 15.4 23.0

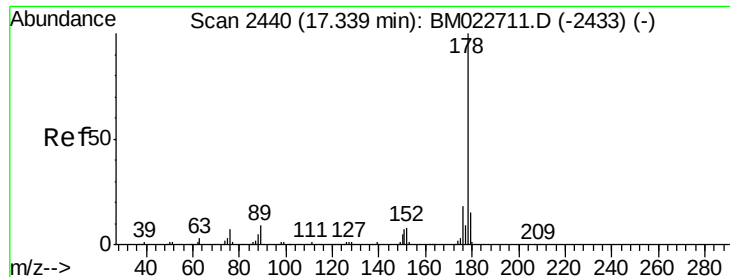


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.725 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

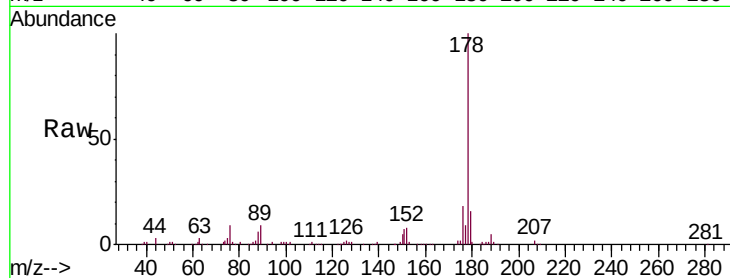
Tgt Ion:178 Resp: 278276

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

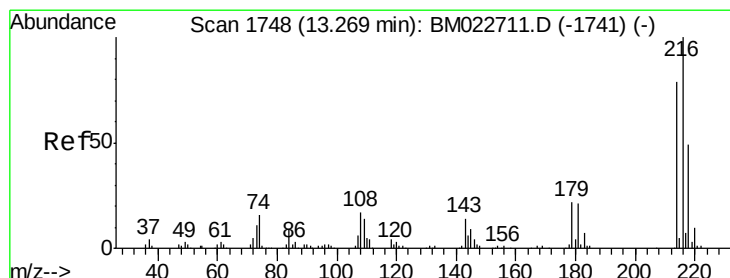
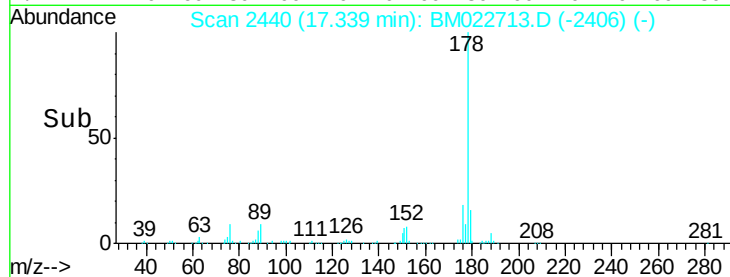
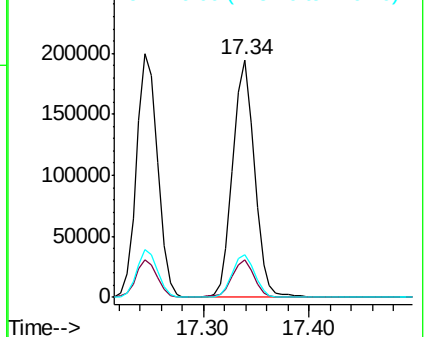
176 18.1 14.7 22.1



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.742 ng/uL

RT: 13.27 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

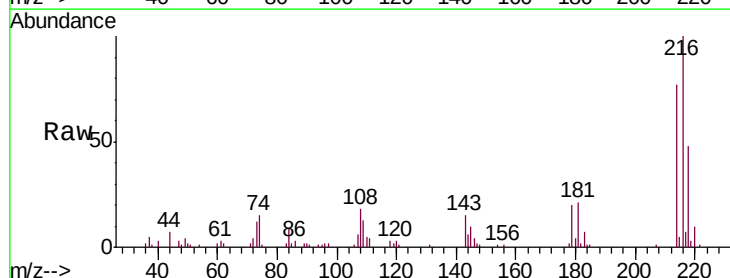
Tgt Ion:216 Resp: 69195

Ion Ratio Lower Upper

216 100

214 77.5 62.5 93.7

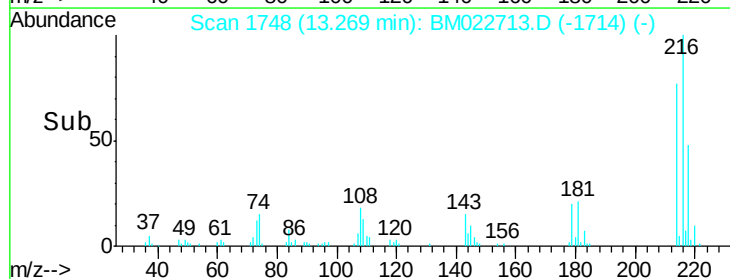
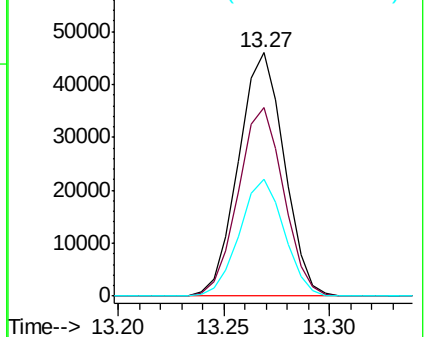
218 48.1 38.2 57.4

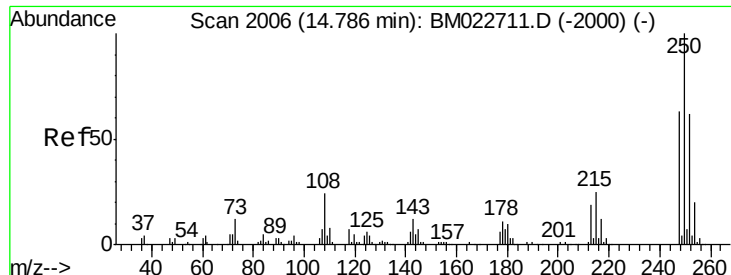


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

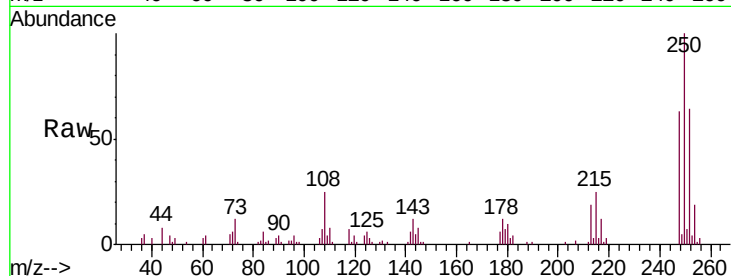




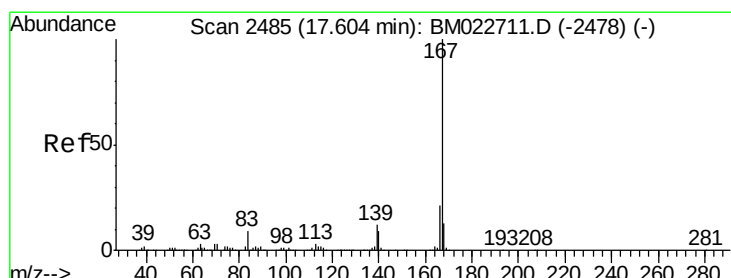
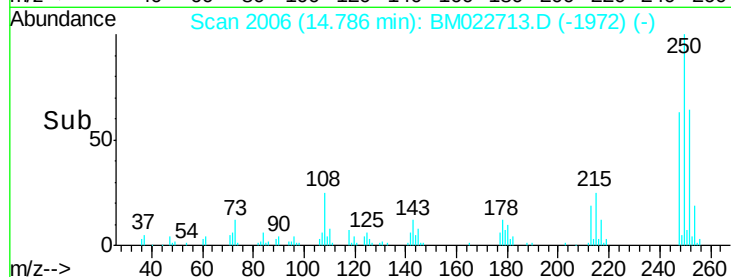
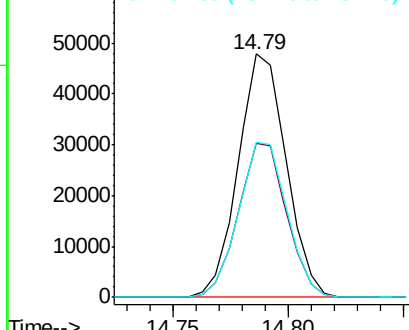
#74
 Pentachlorobenzene
 Concen: 3.730 ng/uL
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Tgt Ion:250 Resp: 69524
 Ion Ratio Lower Upper
 250 100
 248 63.5 51.3 76.9
 252 63.6 51.1 76.7

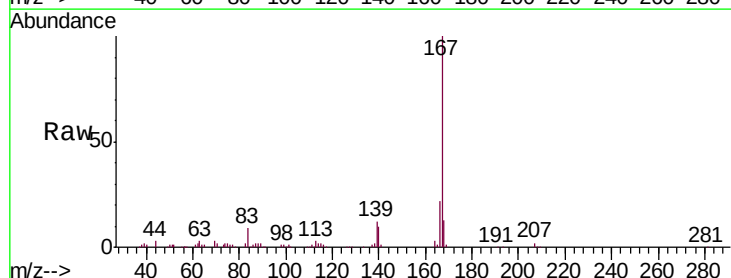


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

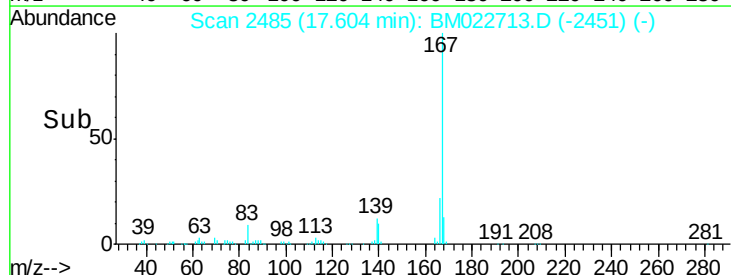
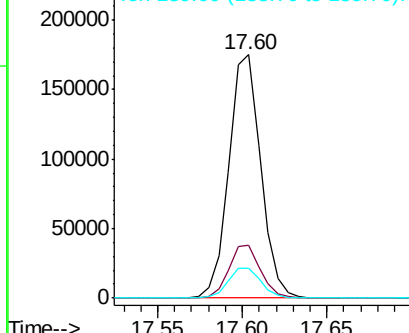


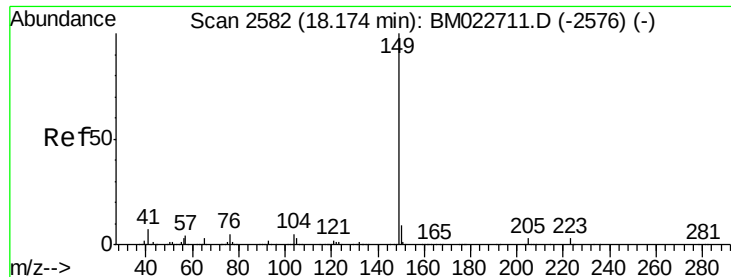
#75
 Carbazole
 Concen: 3.418 ng/uL
 RT: 17.60 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:167 Resp: 229469
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.4 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 2.581 ng/ul

RT: 18.17 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

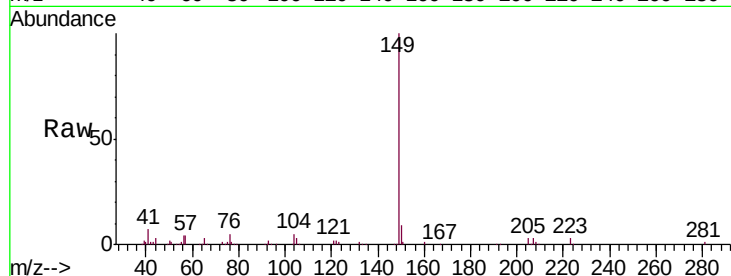
Tgt Ion:149 Resp: 219454

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

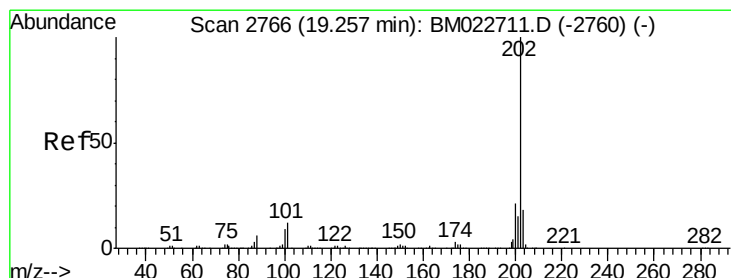
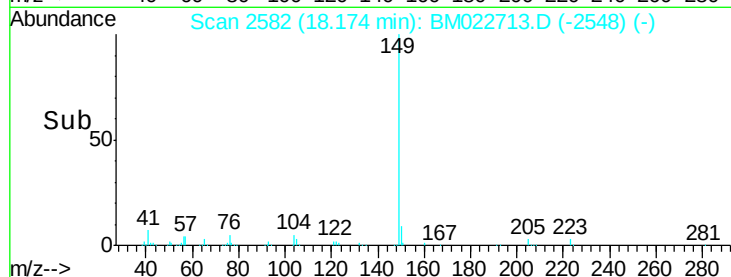
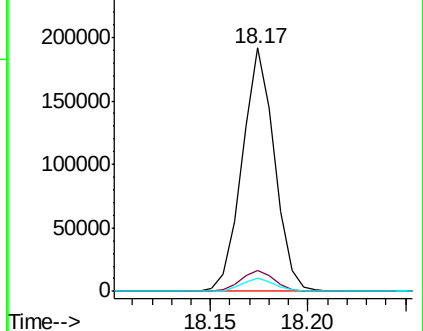
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 3.568 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. 0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

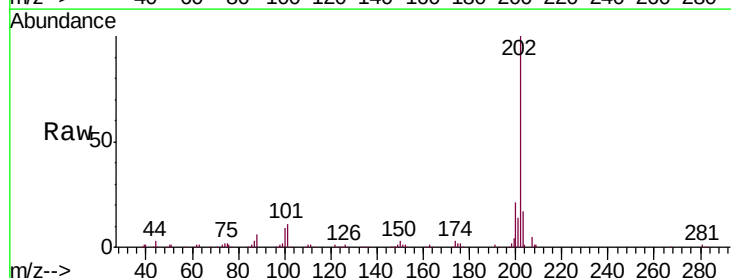
Tgt Ion:202 Resp: 294465

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

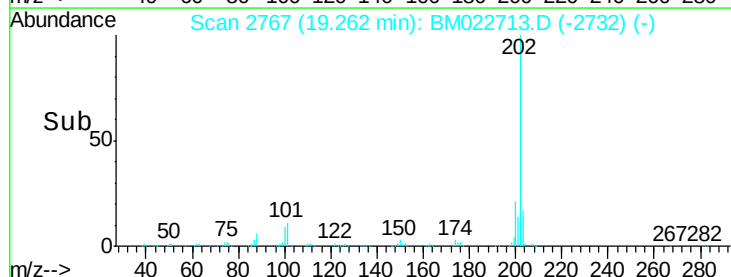
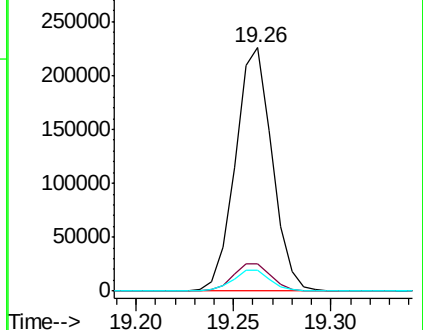
100 8.8 6.3 9.5

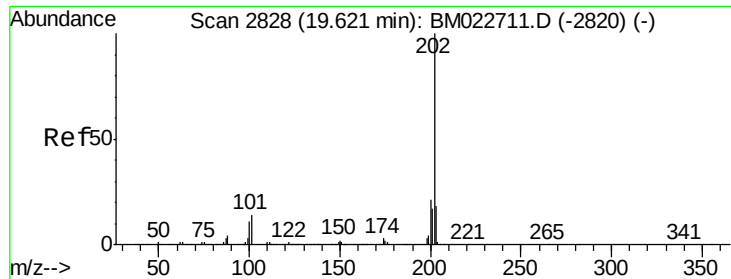


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

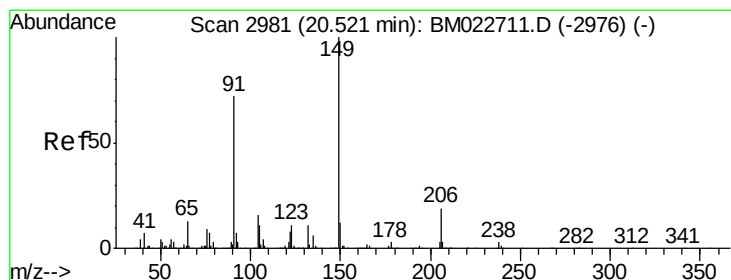
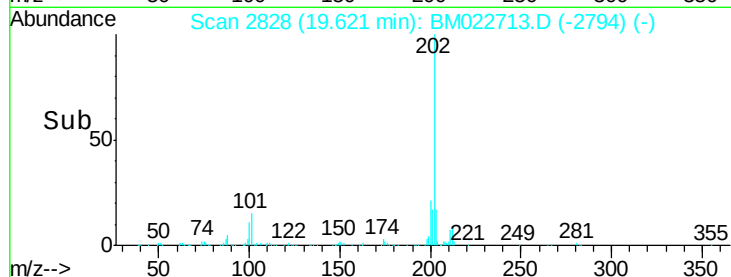
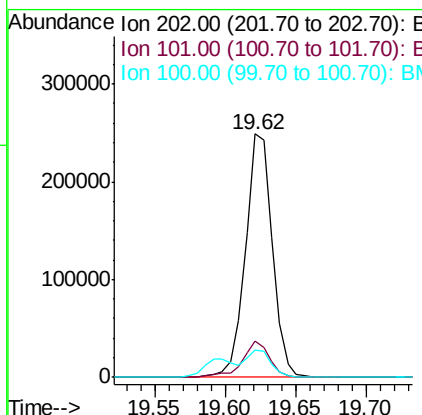
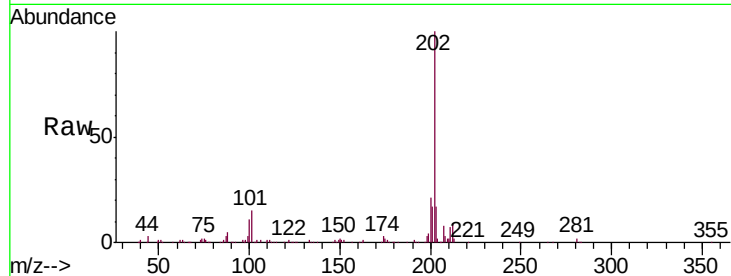




#80
 Pyrene
 Concen: 3.960 ng/ul
 RT: 19.62 min Scan# 2828
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

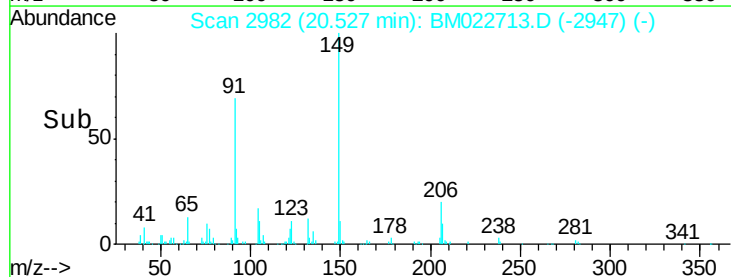
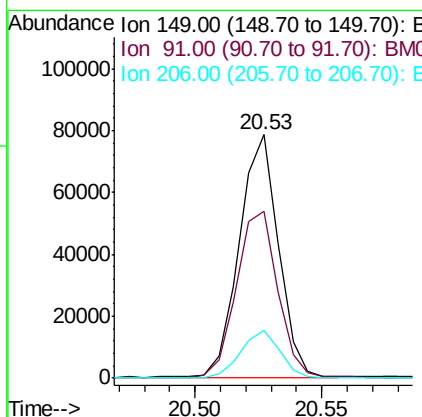
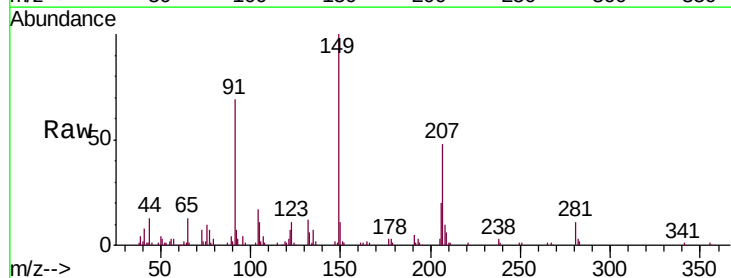
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

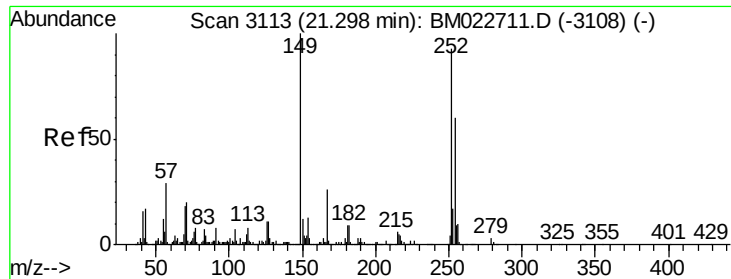
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.6	16.0
100	11.3	8.6	13.0



#81
 Butylbenzylphthalate
 Concen: 2.386 ng/ul
 RT: 20.53 min Scan# 2982
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.4	83.0
206	19.5	17.0	25.4





#82

3,3'-Dichlorobenzidine

Concen: 2.219 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

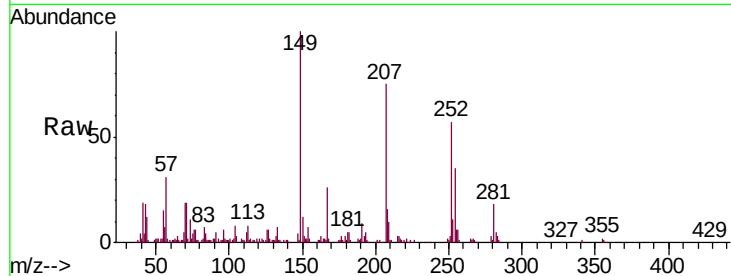
Tgt Ion:252 Resp: 65340

Ion Ratio Lower Upper

252 100

254 61.4 51.2 76.8

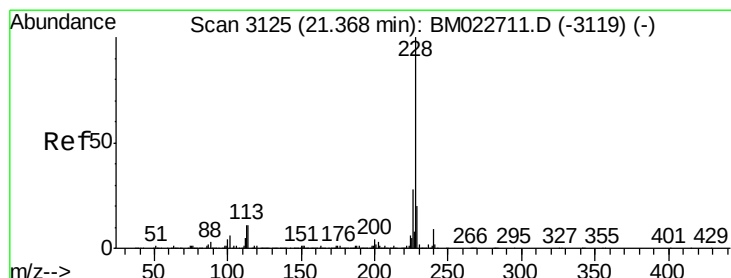
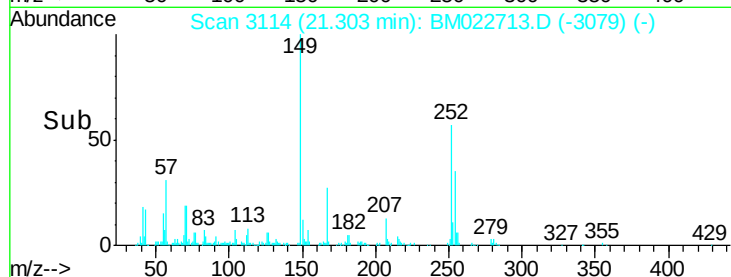
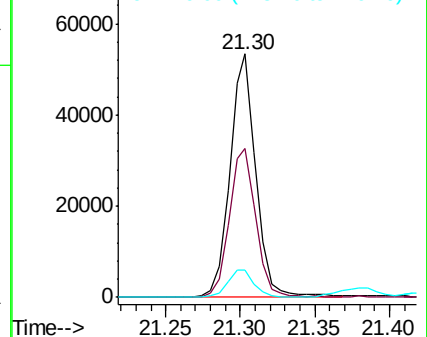
126 11.3 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.608 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

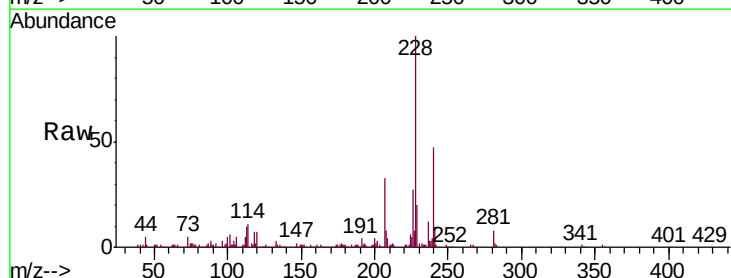
Tgt Ion:228 Resp: 309945

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

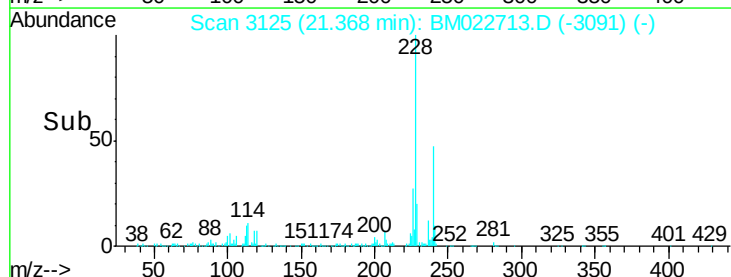
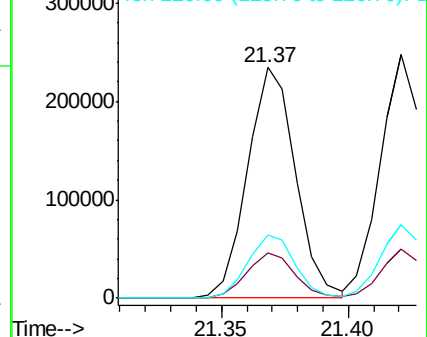
226 27.2 22.2 33.2

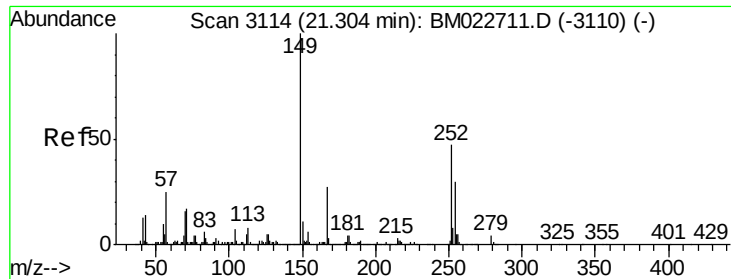


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

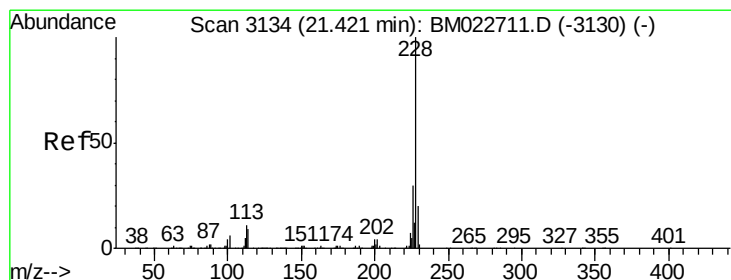
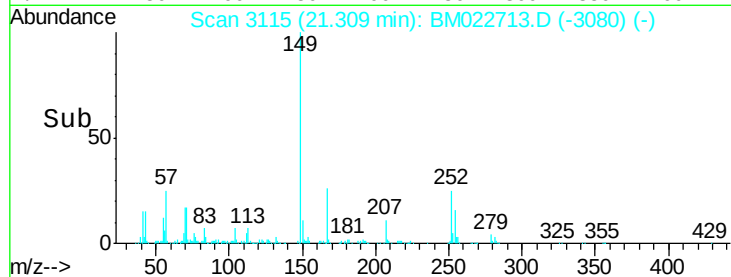
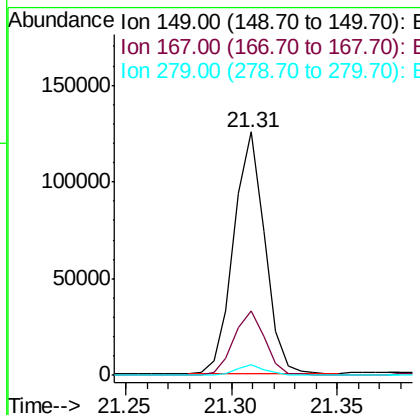
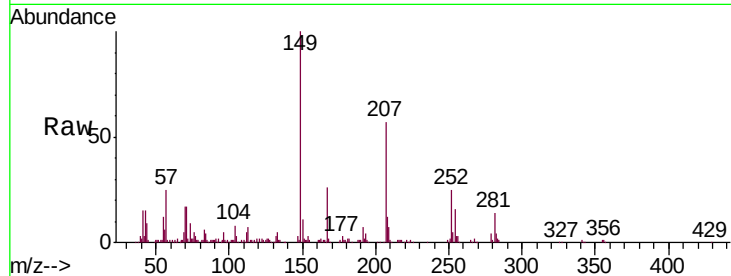




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.372 ng/ul
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.01 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

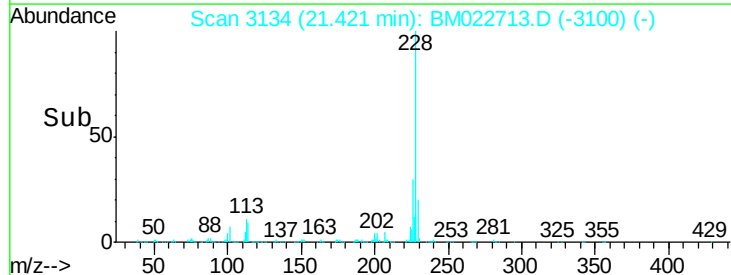
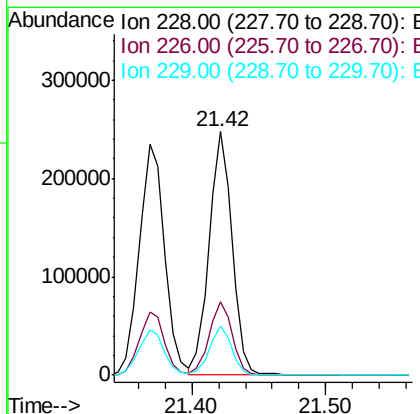
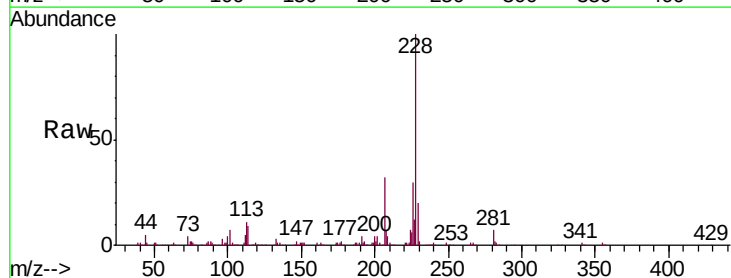
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

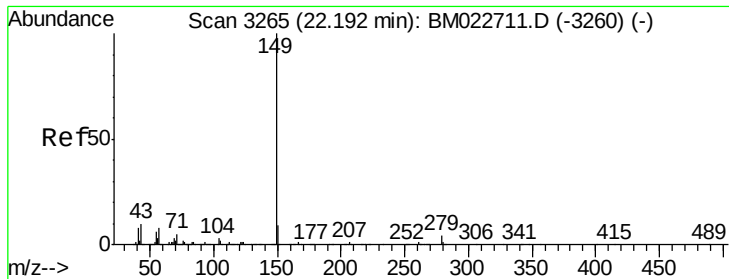
Tgt Ion:149 Resp: 127156
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.7 32.5
 279 4.2 3.5 5.3



#85
 Chrysene
 Concen: 3.808 ng/ul
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BM022713.D
 Acq: 18 Sep 2019 13:08

Tgt Ion:228 Resp: 301020
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.4
 229 19.9 15.8 23.6





#87

Di-n-octyl phthalate

Concen: 2.386 ng/ul

RT: 22.20 min Scan# 3266

Delta R.T. 0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

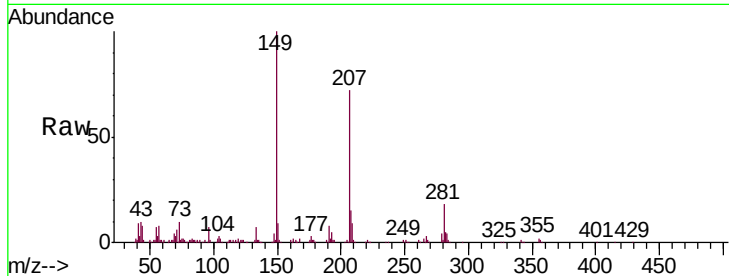
Instrument :

BNA_M

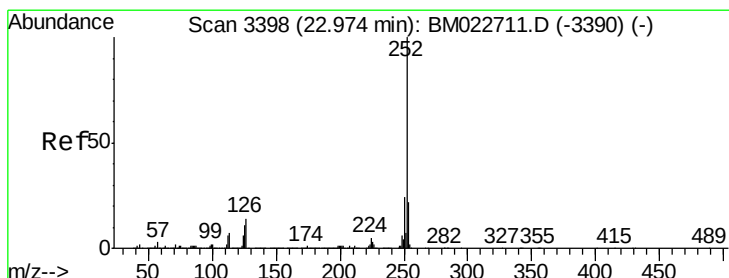
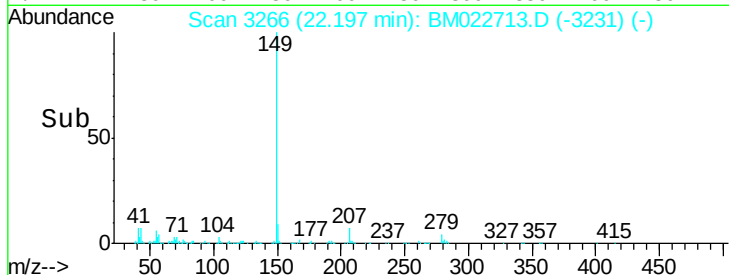
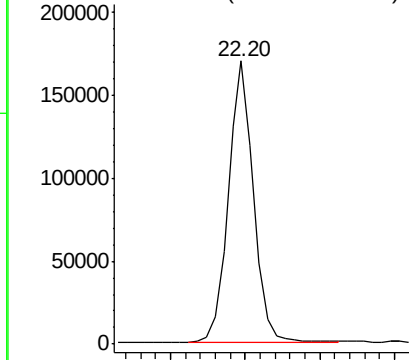
ClientSampleId :

MDL-S-ME-02

Tgt Ion:149 Resp: 197977



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.621 ng/ul

RT: 22.98 min Scan# 3399

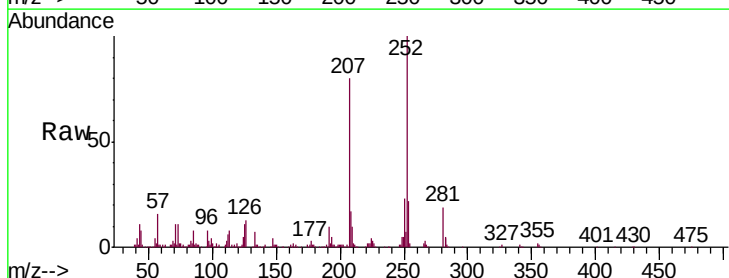
Delta R.T. 0.01 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Tgt Ion:252 Resp: 276093

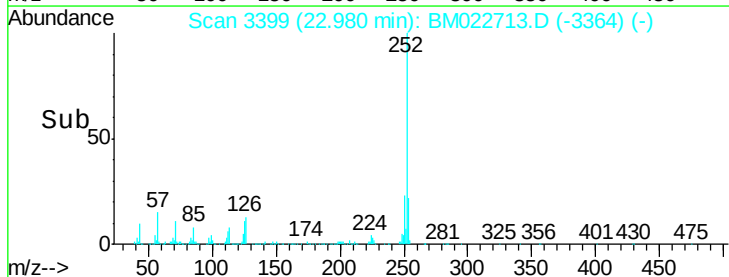
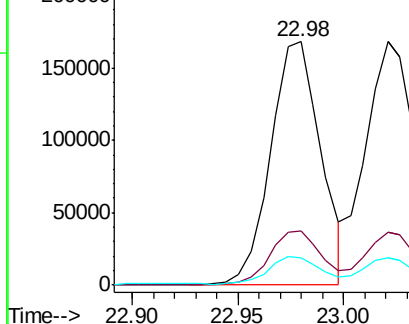
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.5	8.0	12.0

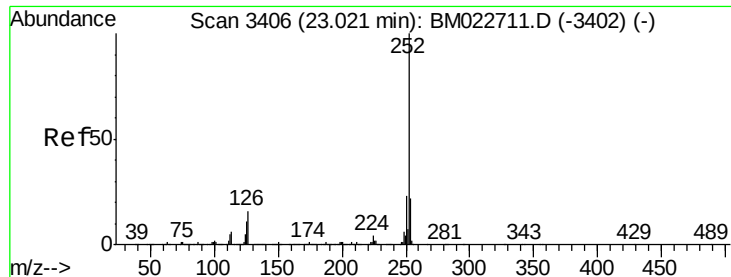


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.751 ng/ul

RT: 23.02 min Scan# 3406

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

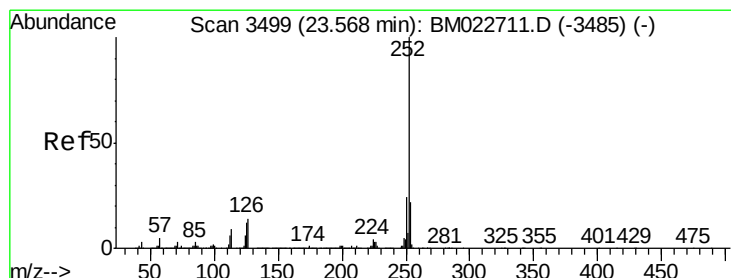
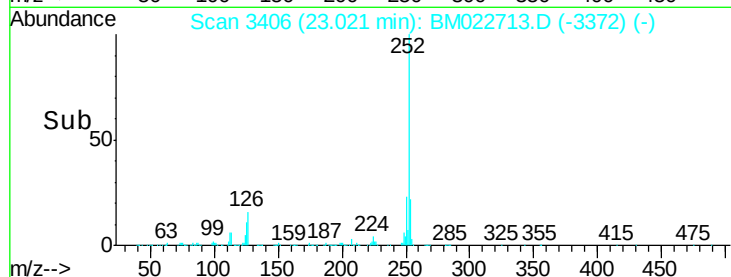
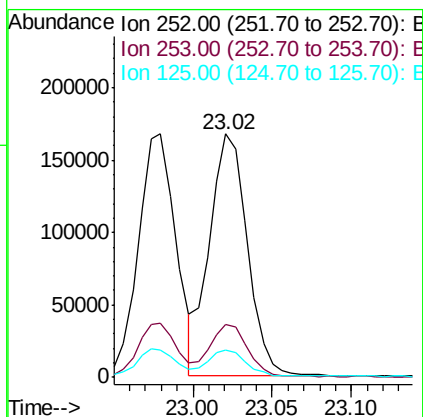
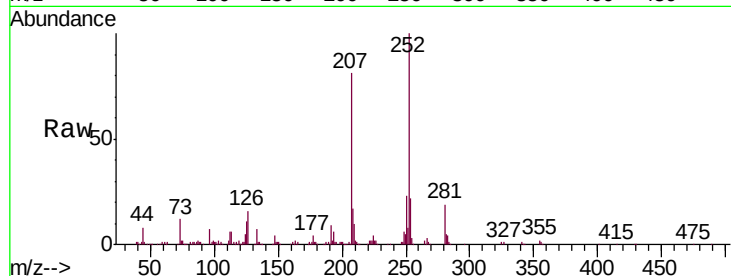
Tgt Ion:252 Resp: 277882

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.4 8.2 12.2



#91

Benzo(a)pyrene

Concen: 3.809 ng/ul

RT: 23.57 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

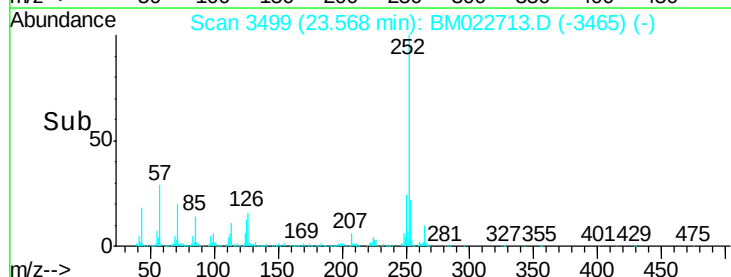
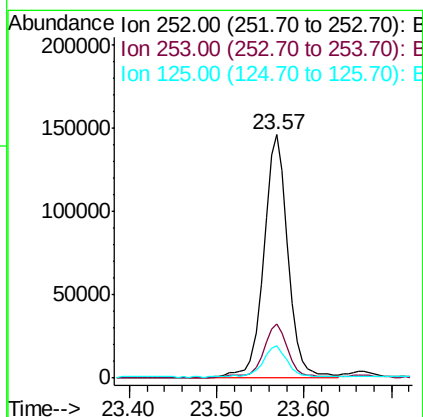
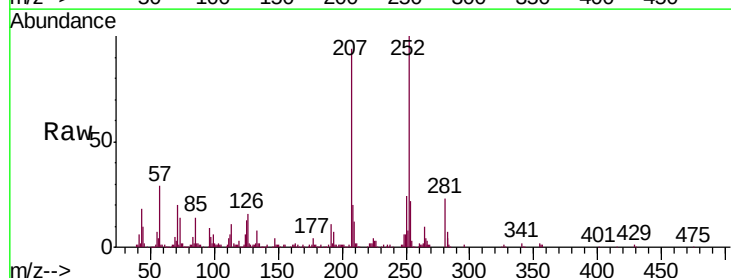
Tgt Ion:252 Resp: 277066

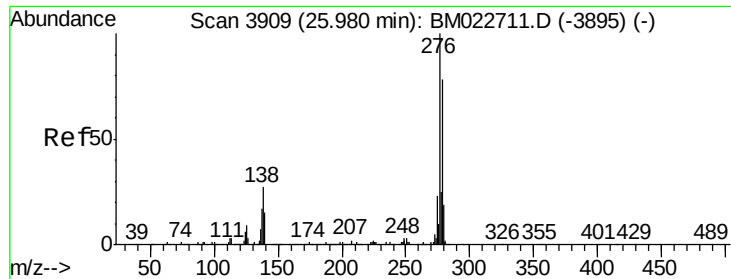
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 13.2 8.9 13.3





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.086 ng/ul

RT: 25.98 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

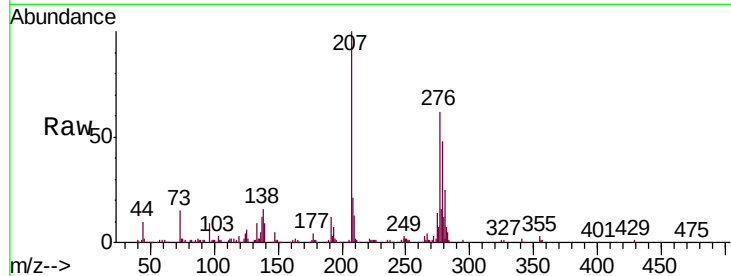
Tgt Ion:276 Resp: 259318

Ion Ratio Lower Upper

276 100

138 26.4 19.2 28.8

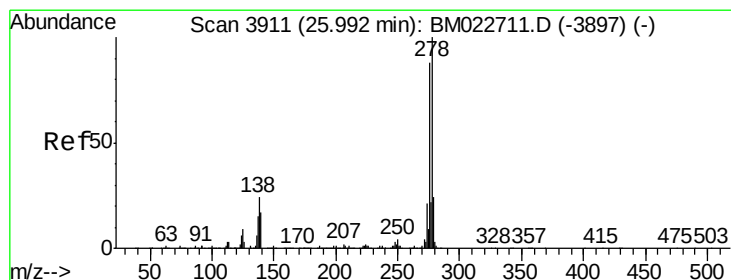
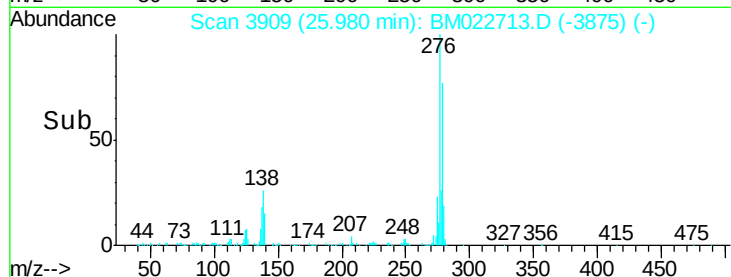
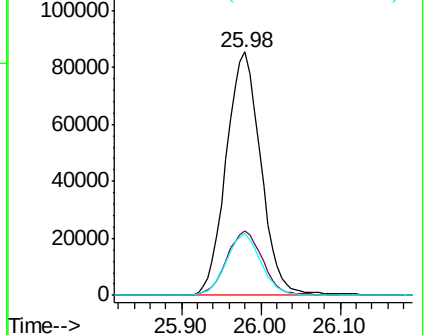
277 25.6 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 3.116 ng/ul

RT: 25.99 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

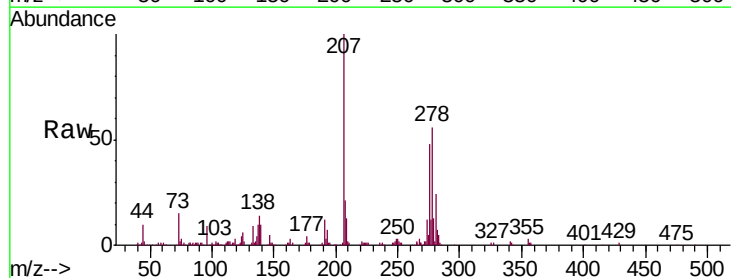
Tgt Ion:278 Resp: 217937

Ion Ratio Lower Upper

278 100

139 18.1 13.3 19.9

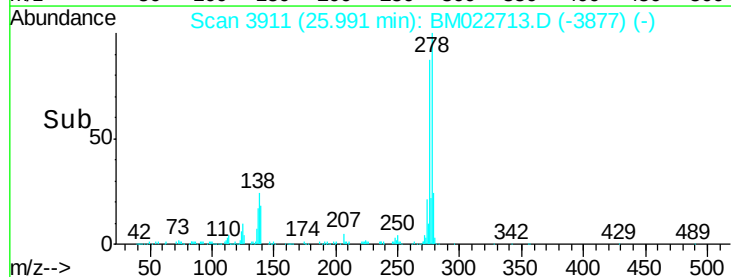
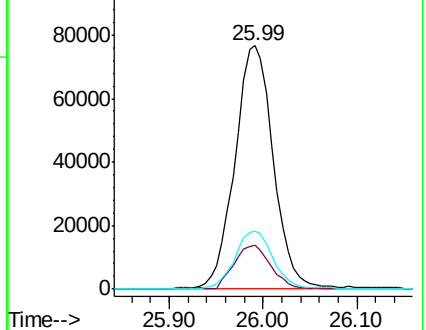
279 24.0 19.2 28.8

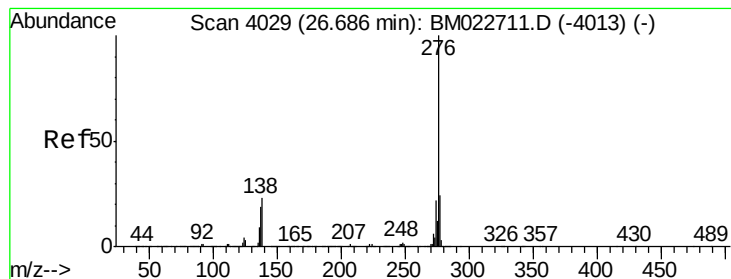


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.954 ng/ul

RT: 26.69 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM022713.D

Acq: 18 Sep 2019 13:08

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-02

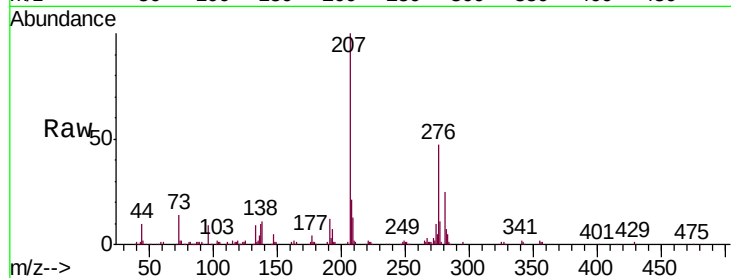
Tgt Ion: 276 Resp: 203933

Ion Ratio Lower Upper

276 100

138 22.9 17.0 25.6

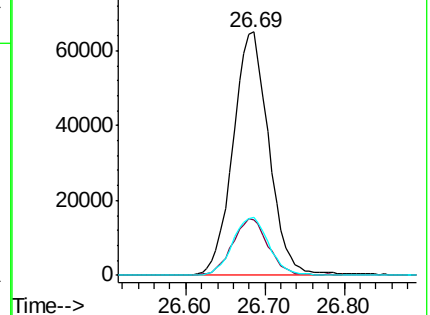
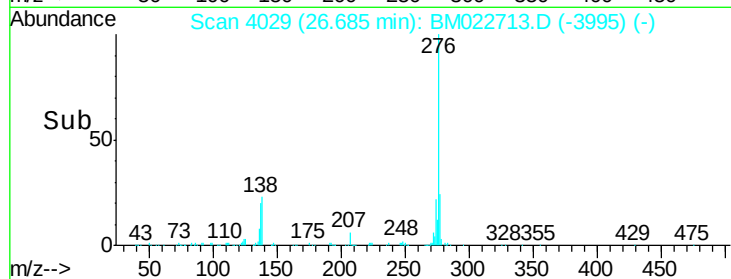
277 23.6 18.8 28.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
 Data File : BM022713.D
 Acq On : 18 Sep 2019 13:08
 Operator : HP/JU
 Sample : MDL-S-ME-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Quant Time: Sep 18 15:47:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 15:34:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	197143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	880597	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	573251	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	1187684	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	1157956	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	1158906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	7580	1.60	ng/uL	0.00
5) Phenol-d5	7.00	99	488368	26.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	297717	28.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	397691	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	397948	26.92	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	199981	31.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	190923	32.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	390671	26.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	585261	29.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1306894	28.13	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1640872	29.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	218464	27.54	ng/ul	0.00
58) Fluorene-d10	15.46	176	1145336	29.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	150867	27.95	ng/ul	0.00
71) Anthracene-d10	17.30	188	1796762	29.53	ng/ul	0.00
79) Pyrene-d10	19.60	212	1953513	30.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1771969	28.45	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.33	88	7984	1.677	ng/uL 99
4) Benzaldehyde	6.97	77	28974	3.051	ng/ul 97
6) Phenol	7.02	94	67980	3.577	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.26	93	54395	3.769	ng/ul 99
10) 2-Chlorophenol	7.40	128	54999	3.643	ng/ul 99
11) 2-Methylphenol	8.27	108	45121	3.043	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	78936	3.719	ng/ul 99
14) Acetophenone	8.66	105	88676	3.844	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.65	70	43729	3.509	ng/ul 93
16) 4-Methylphenol	8.60	108	55120	3.442	ng/ul 98
17) Hexachloroethane	8.92	117	22146	3.703	ng/ul 95
20) Nitrobenzene	9.03	77	63793	4.013	ng/ul 99
21) Isophorone	9.56	82	110791	3.111	ng/ul 99
23) 2-Nitrophenol	9.74	139	28147	4.048	ng/ul 98
24) 2,4-Dimethylphenol	9.80	107	58108	3.333	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.04	93	75473	3.614	ng/ul 99
27) 2,4-Dichlorophenol	10.27	162	52751	3.592	ng/ul 98
28) Naphthalene	10.68	128	186525	3.820	ng/ul 98
30) 4-Chloroaniline	10.78	127	76784	3.804	ng/ul 100
31) Hexachlorobutadiene	10.97	225	33403	3.692	ng/ul 97
32) Caprolactam	11.59	113	11892	2.176	ng/ul 86
33) 4-Chloro-3-methylphenol	11.90	107	48046	2.965	ng/ul 98
34) 2-Methylnaphthalene	12.29	142	134676	3.661	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
 Data File : BM022713.D
 Acq On : 18 Sep 2019 13:08
 Operator : HP/JU
 Sample : MDL-S-ME-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-02

Quant Time: Sep 18 15:47:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 15:34:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	129537	3.686	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	69010	3.731	ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	31704	2.780	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	34026	2.939	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	41047	3.269	ng/ul	96
41) 1,1'-Biphenyl	13.30	154	178100	3.731	ng/ul	99
42) 2-Chloronaphthalene	13.34	162	136439	3.775	ng/ul	99
43) 2-Nitroaniline	13.54	65	27500	3.259	ng/ul	98
45) Dimethylphthalate	13.92	163	172637	3.661	ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	24780	3.228	ng/ul	98
48) Acenaphthylene	14.19	152	216250	3.748	ng/ul	99
49) 3-Nitroaniline	14.36	138	21923	2.634	ng/ul#	98
50) Acenaphthene	14.53	153	147512	3.690	ng/ul	98
51) 2,4-Dinitrophenol	14.56	184	11291	3.206	ng/ul#	76
53) 4-Nitrophenol	14.66	109	22386	3.511	ng/ul	87
54) Dibenzofuran	14.86	168	218421	3.937	ng/ul	100
55) 2,4-Dinitrotoluene	14.82	165	38385	3.414	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.09	232	31044	2.976	ng/ul	98
57) Diethylphthalate	15.29	149	158887	3.257	ng/ul	99
59) Fluorene	15.52	166	174308	3.819	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	86617	3.834	ng/ul	99
61) 4-Nitroaniline	15.52	138	23288	2.455	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.58	198	22280	3.567	ng/ul#	76
65) N-Nitrosodiphenylamine	15.72	169	143564	3.542	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	49998	3.369	ng/ul	99
67) Hexachlorobenzene	16.52	284	58820	3.597	ng/ul	100
68) Atrazine	16.67	200	41244	2.647	ng/ul	99
69) Pentachlorophenol	16.86	266	21252	2.355	ng/ul	99
70) Phenanthrene	17.24	178	276106	3.797	ng/ul	99
72) Anthracene	17.34	178	278276	3.725	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	69195	3.742	ng/uL	99
74) Pentachlorobenzene	14.79	250	69524	3.730	ng/uL	99
75) Carbazole	17.60	167	229469	3.418	ng/ul	99
76) Di-n-butylphthalate	18.17	149	219454	2.581	ng/ul	99
77) Fluoranthene	19.26	202	294465	3.568	ng/ul	98
80) Pyrene	19.62	202	331838	3.960	ng/ul	98
81) Butylbenzylphthalate	20.53	149	84316	2.386	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.30	252	65340	2.219	ng/ul	97
83) Benzo(a)anthracene	21.37	228	309945	3.608	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.31	149	127156	2.372	ng/ul	98
85) Chrysene	21.42	228	301020	3.808	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	197977	2.386	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	276093	3.621	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	277882	3.751	ng/ul	99
91) Benzo(a)pyrene	23.57	252	277066	3.809	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.98	276	259318	3.086	ng/ul	97
93) Dibenzo(a,h)anthracene	25.99	278	217937	3.116	ng/ul	98
94) Benzo(g,h,i)perylene	26.69	276	203933	2.954	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022713.D
Acq On : 18 Sep 2019 13:08
Operator : HP/JU
Sample : MDL-S-ME-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-02

Quant Time: Sep 18 15:47:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 15:34:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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