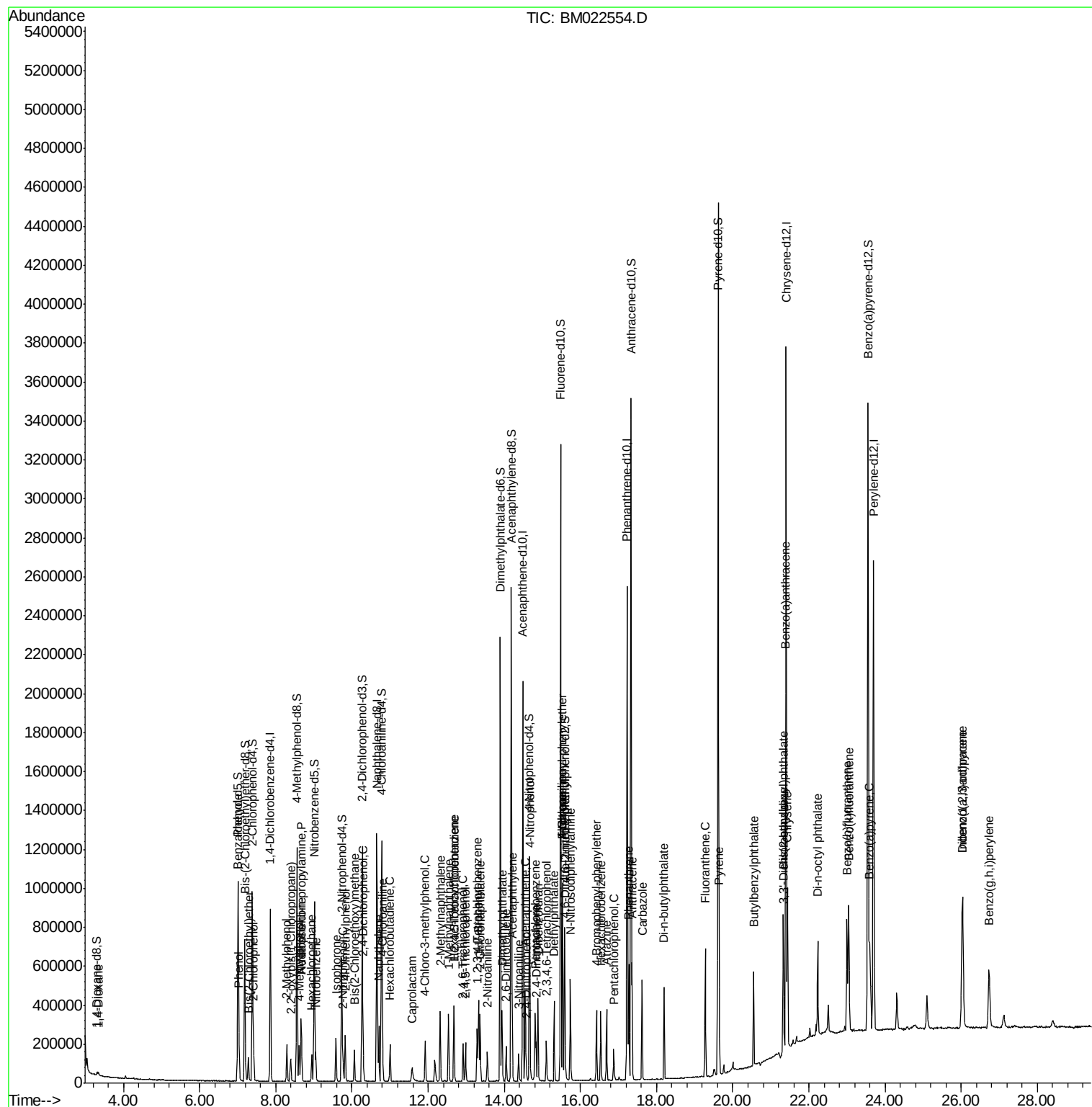
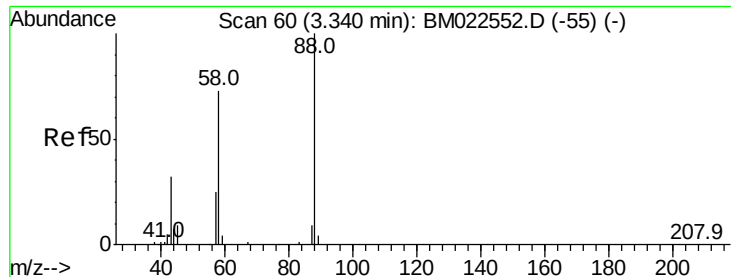


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022554.D
Acq On : 06 Sep 2019 16:19
Operator : HP/JU
Sample : MDL-W-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Quant Time: Sep 06 17:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.707 ng/uL

RT: 3.34 min Scan# 60

Delta R.T. 0.00 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

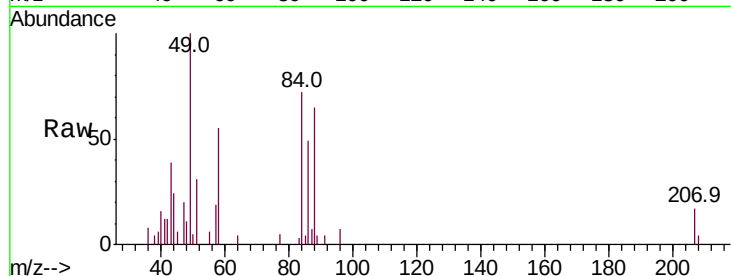
Tot Ion: 88 Resp: 9451

Ion Ratio Lower Upper

88 100

43 60.2 37.9 56.9#

58 84.5 59.4 89.0

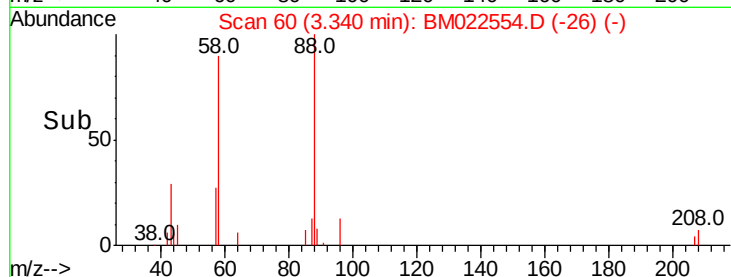


Abundance Ion 88.00 (87.70 to 88.70): BM022552.D (-55) (-)

Ion 43.00 (42.70 to 43.70): BM022552.D (-55) (-)

Ion 58.00 (57.70 to 58.70): BM022552.D (-55) (-)

Time-->

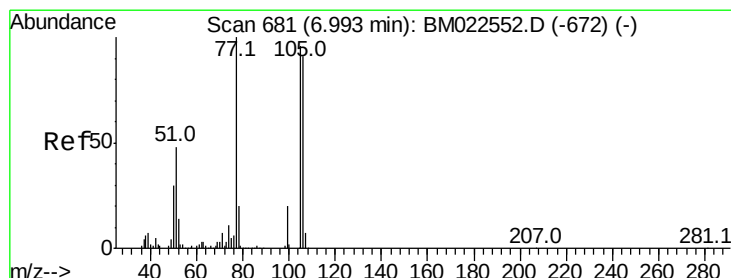


Abundance Ion 88.00 (87.70 to 88.70): BM022554.D (-26) (-)

Ion 43.00 (42.70 to 43.70): BM022554.D (-26) (-)

Ion 58.00 (57.70 to 58.70): BM022554.D (-26) (-)

Time-->



#4

Benzaldehyde

Concen: 3.320 ng/uL

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

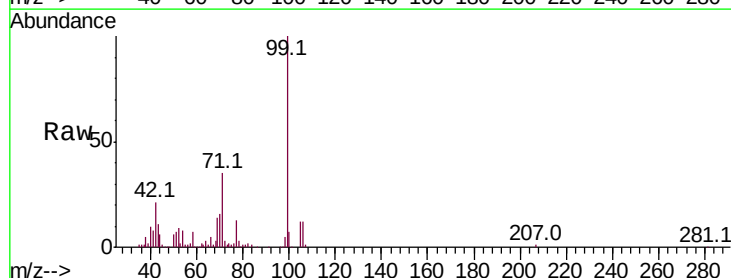
Tgt Ion: 77 Resp: 36662

Ion Ratio Lower Upper

77 100

105 91.5 79.0 118.6

106 90.0 75.1 112.7

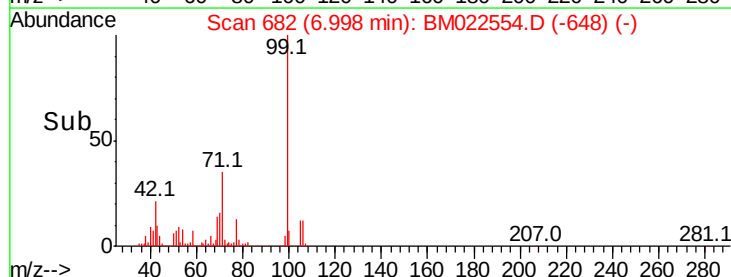


Abundance Ion 77.00 (76.70 to 77.70): BM022552.D (-672) (-)

Ion 105.00 (104.70 to 105.70): BM022552.D (-672) (-)

Ion 106.00 (105.70 to 106.70): BM022552.D (-672) (-)

Time-->

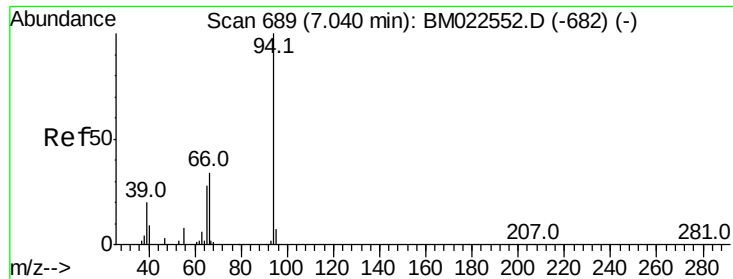


Abundance Ion 77.00 (76.70 to 77.70): BM022554.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BM022554.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BM022554.D (-648) (-)

Time-->



#6

Phenol

Concen: 3.740 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

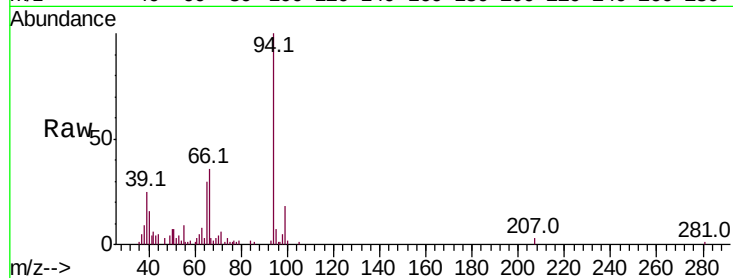
BNA_M

ClientSampleId :

MDL-W-01

Tot Ion: 94 Resp: 82639

Ion	Ratio	Lower	Upper
94	100		
65	29.9	22.8	34.2
66	35.6	29.1	43.7

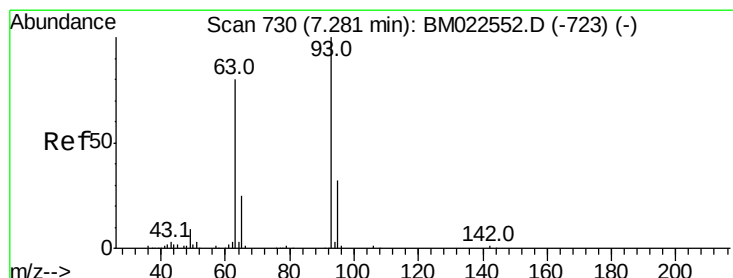
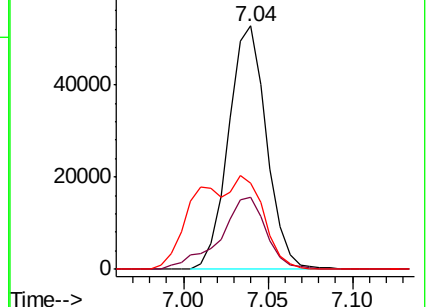
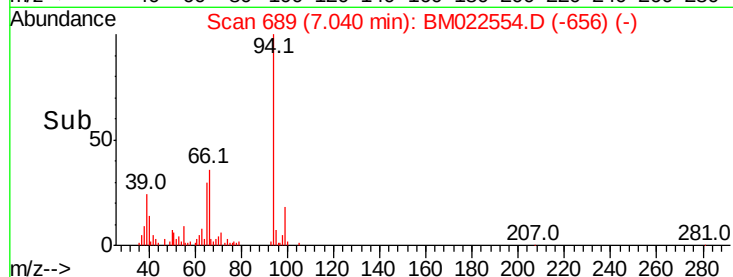


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#8

Bis(2-Chloroethyl)ether

Concen: 4.020 ng/ul

RT: 7.28 min Scan# 730

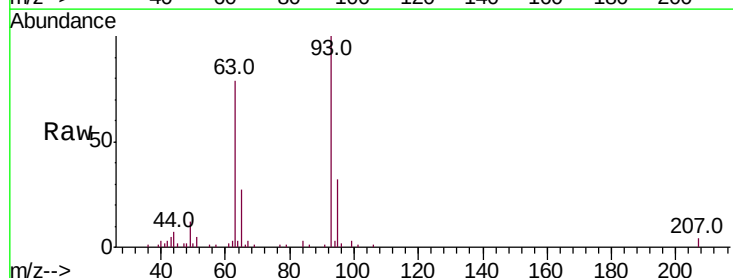
Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Tgt Ion: 93 Resp: 67462

Ion	Ratio	Lower	Upper
93	100		
63	79.2	62.2	93.2
95	32.1	26.6	39.8

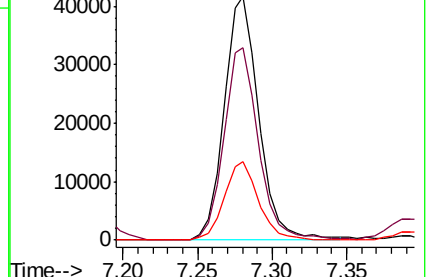
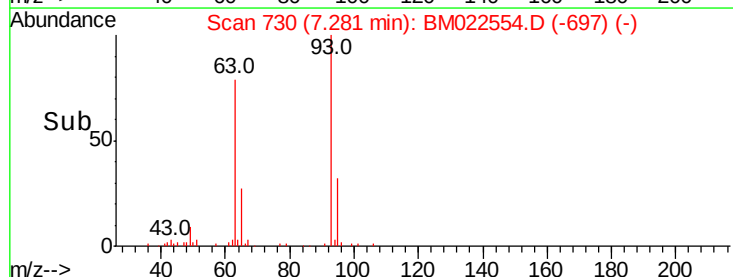


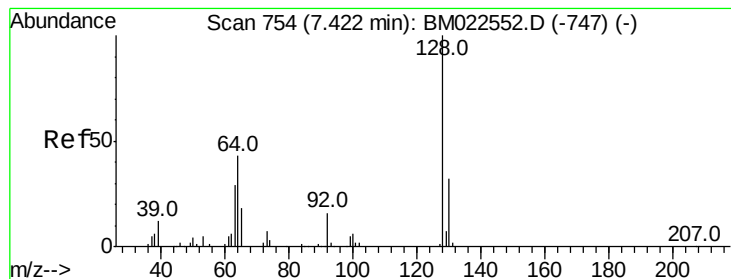
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0





#10

2-Chlorophenol

Concen: 3.742 ng/ul

RT: 7.42 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

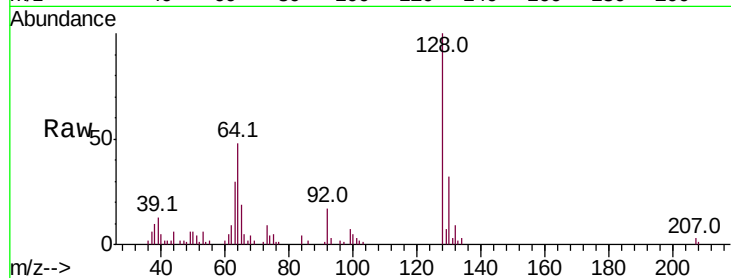
Tot Ion:128 Resp: 65693

Ion Ratio Lower Upper

128 100

64 47.9 36.0 54.0

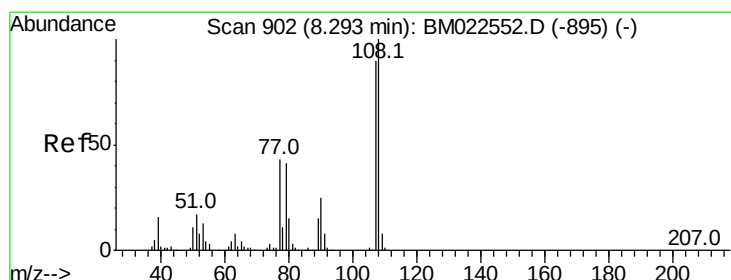
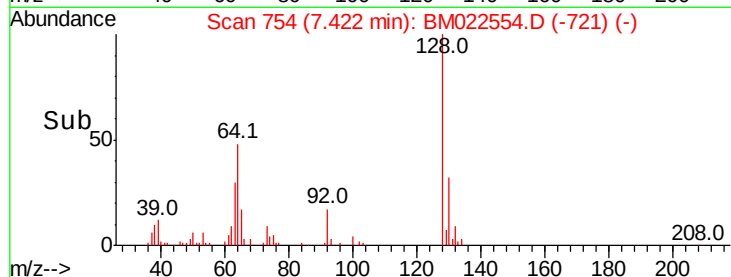
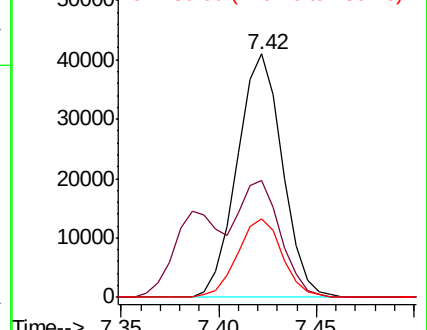
130 32.3 26.1 39.1



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: 3.461 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. -0.01 min

Lab File: BM022554.D

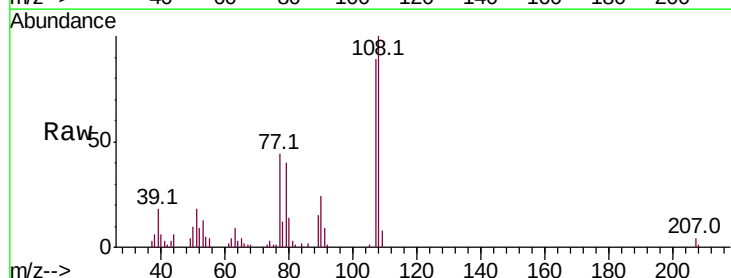
Acq: 06 Sep 2019 16:19

Tgt Ion:108 Resp: 59693

Ion Ratio Lower Upper

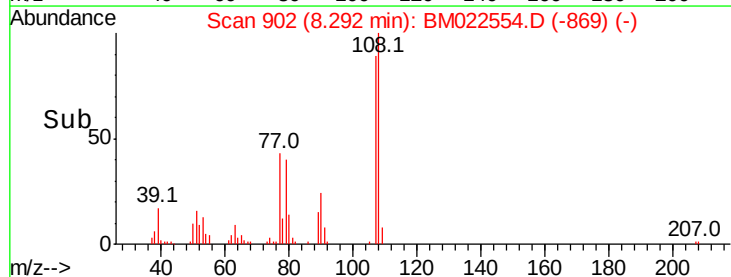
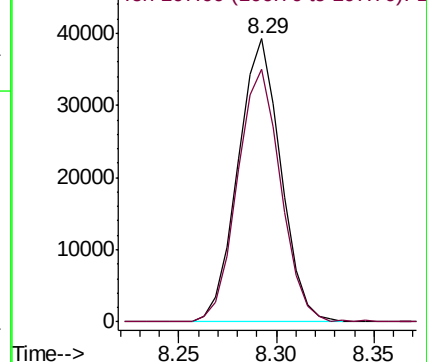
108 100

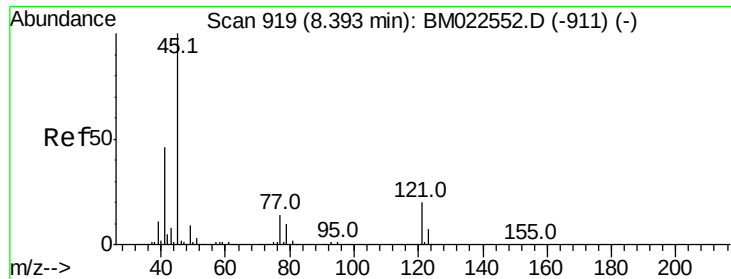
107 89.4 70.7 106.1



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: 4.217 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

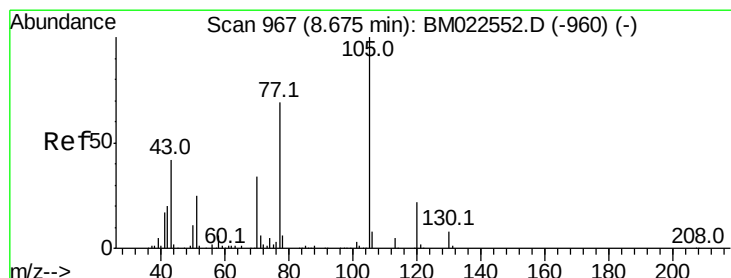
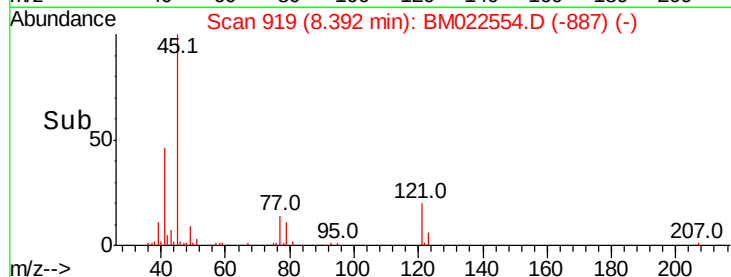
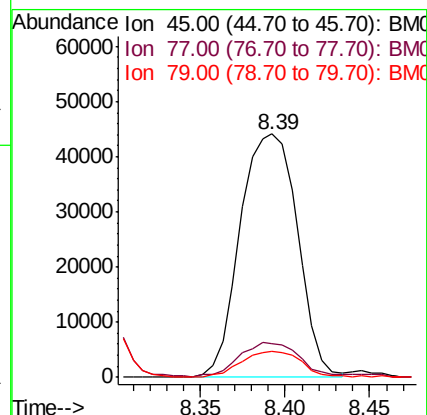
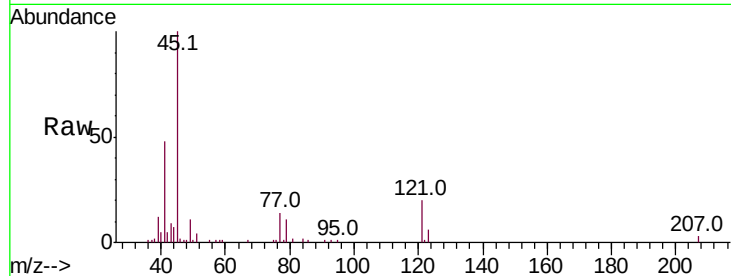
Tot Ion: 45 Resp: 104095

Ion Ratio Lower Upper

45 100

77 13.9 11.6 17.4

79 10.9 9.0 13.6



#14

Acetophenone

Concen: 4.035 ng/ul

RT: 8.67 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

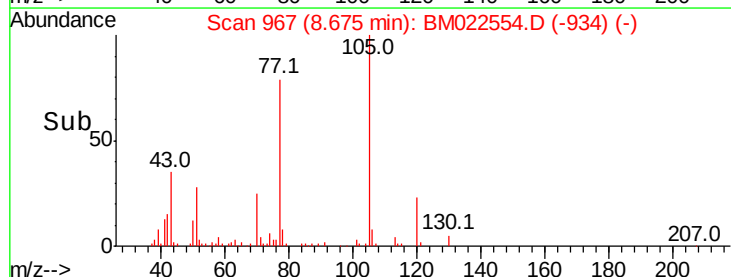
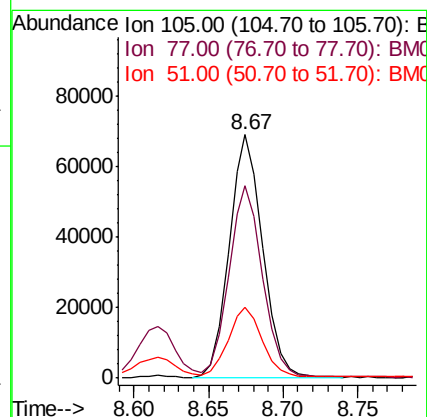
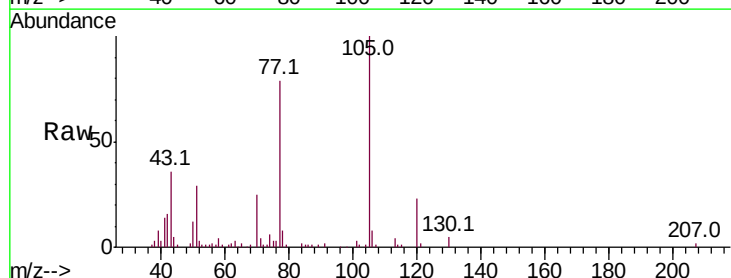
Tgt Ion: 105 Resp: 108247

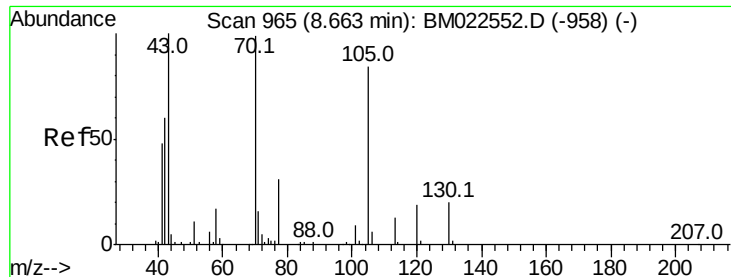
Ion Ratio Lower Upper

105 100

77 79.1 62.1 93.1

51 29.0 21.8 32.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.884 ng/ul

RT: 8.66 min Scan# 965

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

Tot Ion: 70 Resp: 56281

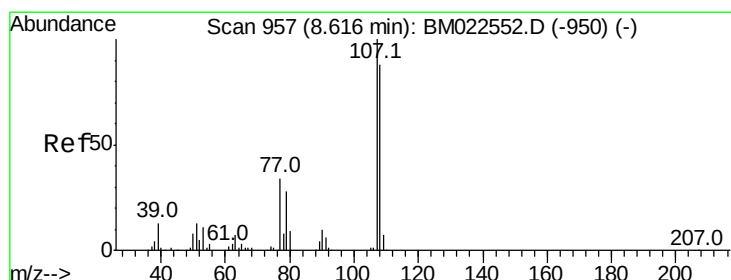
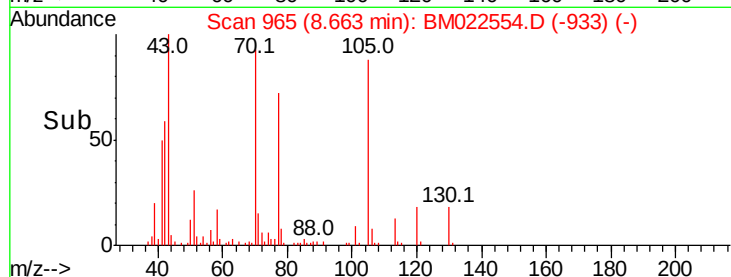
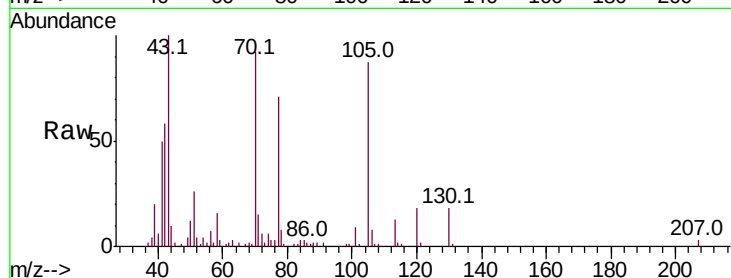
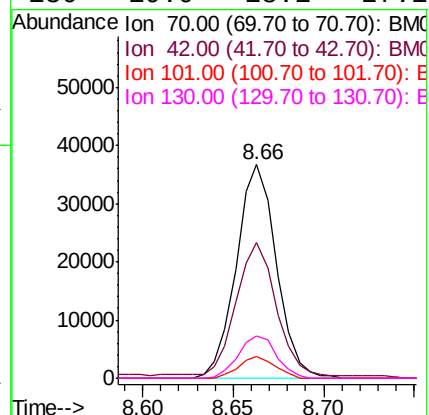
Ion	Ratio	Lower	Upper
70	100		
42	63.8	48.3	72.5
101	10.0	8.2	12.2
130	19.9	18.1	27.1

70 100

42 63.8 48.3 72.5

101 10.0 8.2 12.2

130 19.9 18.1 27.1



#16

4-Methylphenol

Concen: 3.625 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM022554.D

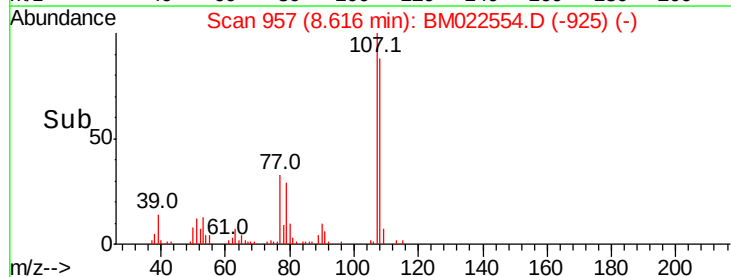
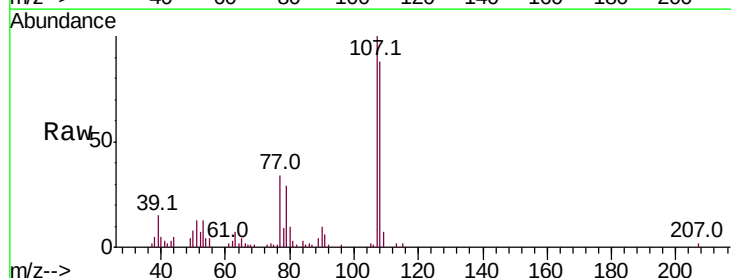
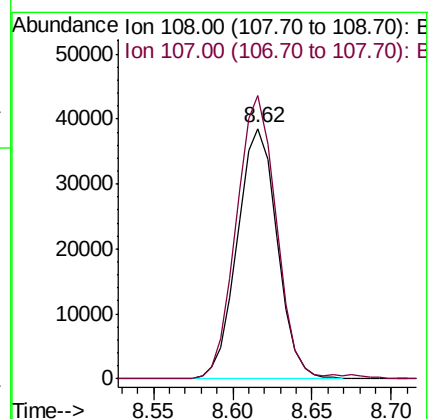
Acq: 06 Sep 2019 16:19

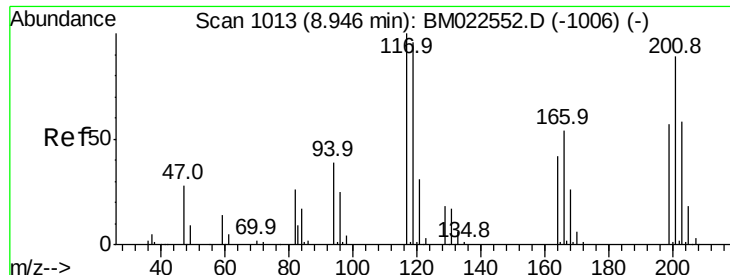
Tgt Ion: 108 Resp: 67501

Ion	Ratio	Lower	Upper
108	100		
107	113.0	87.2	130.8

108 100

107 113.0 87.2 130.8

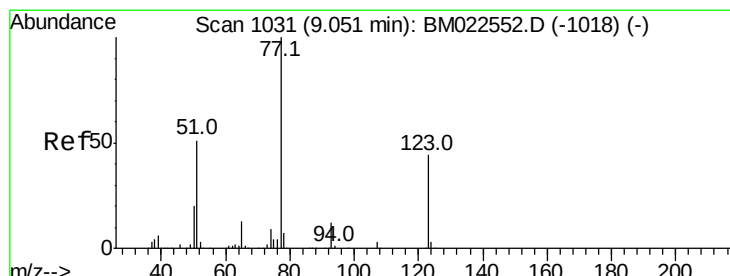
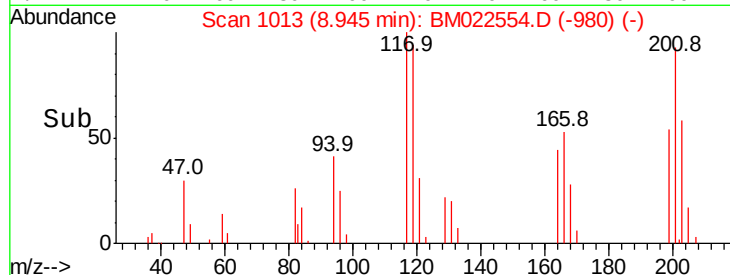
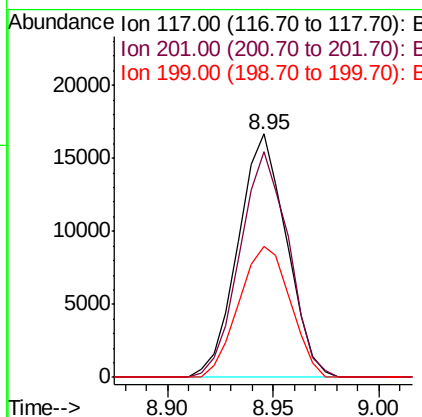
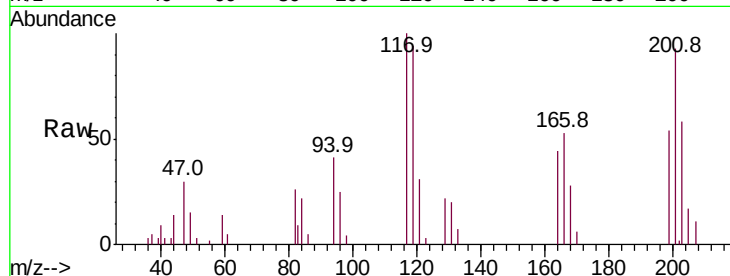




#17
 Hexachloroethane
 Concen: 3.829 ng/ul
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

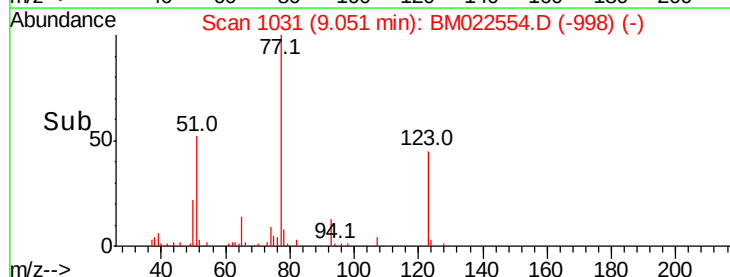
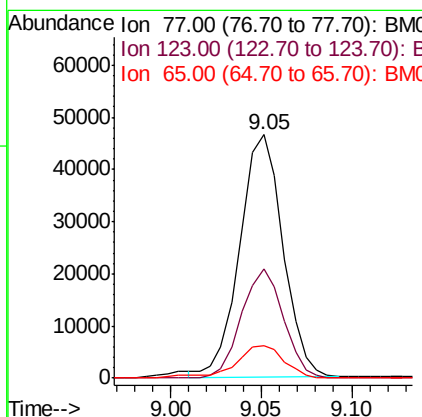
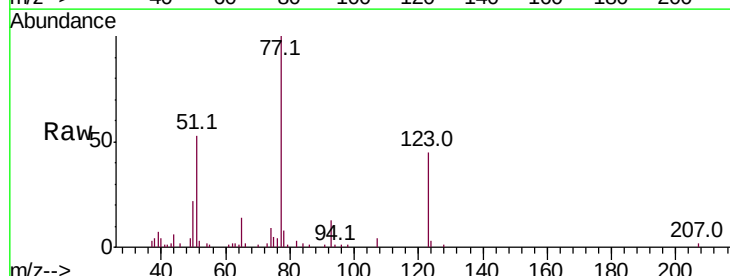
Instrument :
 BNA_M
 ClientSampleID :
 MDL-W-01

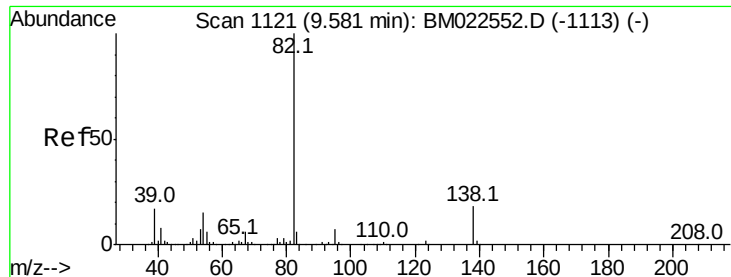
Tot Ion:	117	Resp:	26631
Ion	Ratio	Lower	Upper
117	100		
201	92.6	77.6	116.4
199	53.6	47.6	71.4



#20
 Nitrobenzene
 Concen: 4.108 ng/ul
 RT: 9.05 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:	77	Resp:	76808
Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.8	53.6
65	13.6	10.5	15.7





#21

Isophorone

Concen: 3.716 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

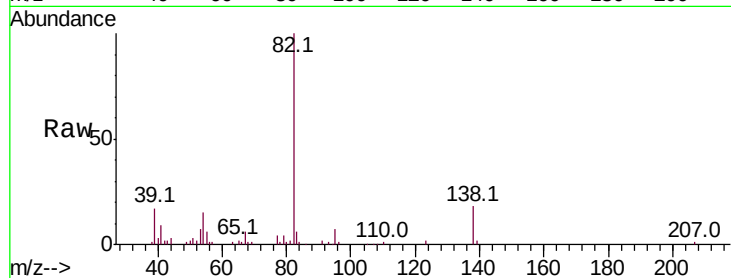
Tot Ion: 82 Resp: 155654

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

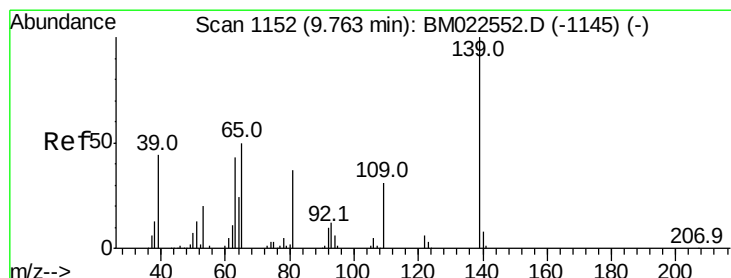
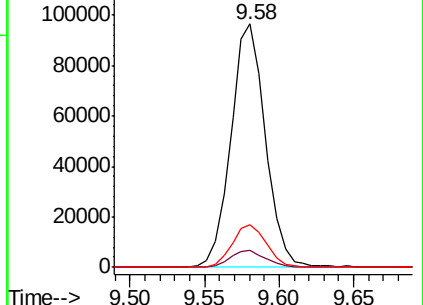
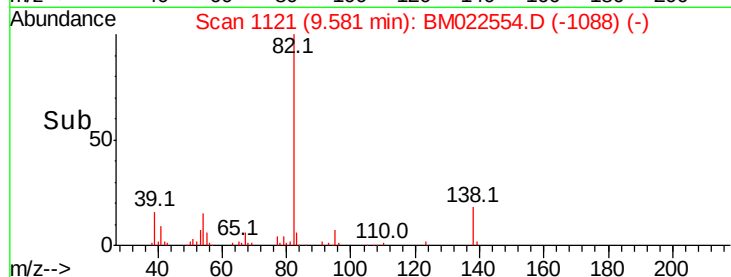
138 17.6 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BM022554.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM022554.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM022554.D (-1088) (-)



#23

2-Nitrophenol

Concen: 3.879 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

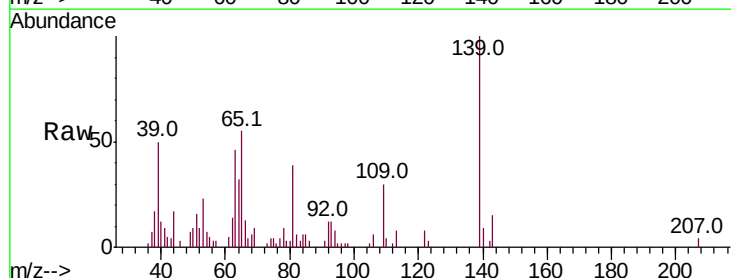
Tgt Ion: 139 Resp: 31721

Ion Ratio Lower Upper

139 100

65 54.7 39.3 58.9

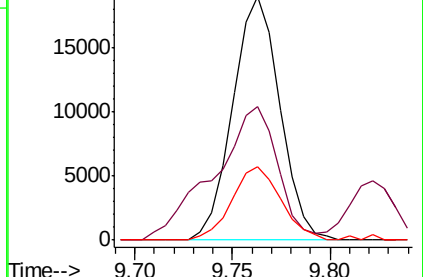
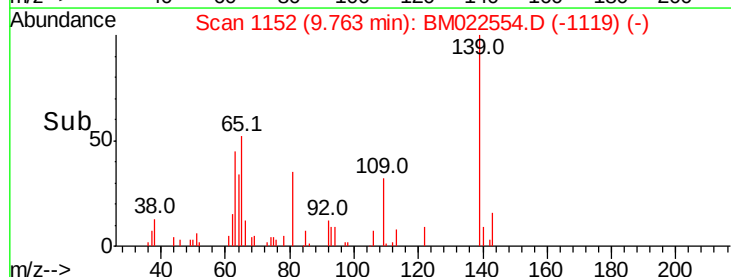
109 30.3 23.5 35.3

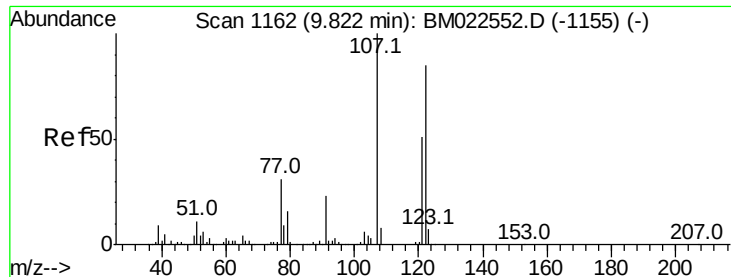


Abundance Ion 139.00 (138.70 to 139.70): BM022554.D (-1119) (-)

Ion 65.00 (64.70 to 65.70): BM022554.D (-1119) (-)

Ion 109.00 (108.70 to 109.70): BM022554.D (-1119) (-)

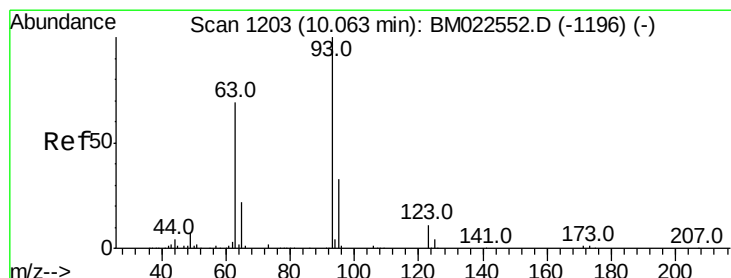
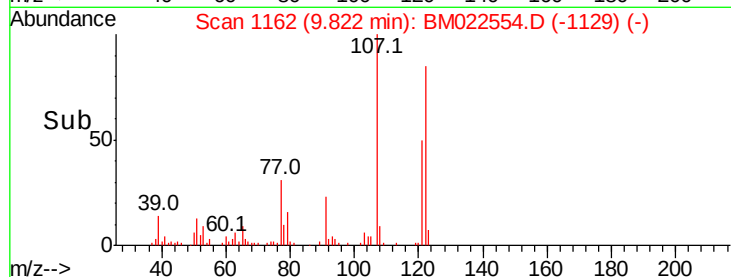
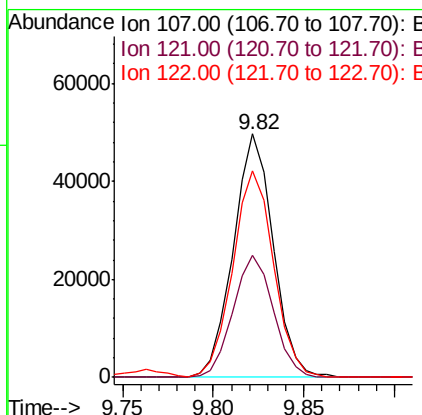
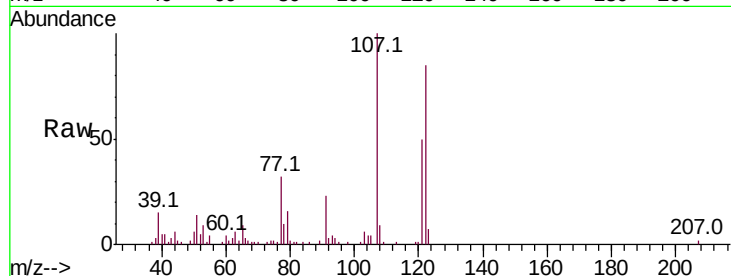




#24
 2,4-Dimethylphenol
 Concen: 3.707 ng/ul
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

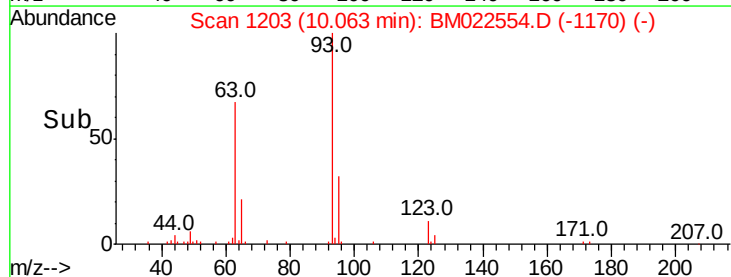
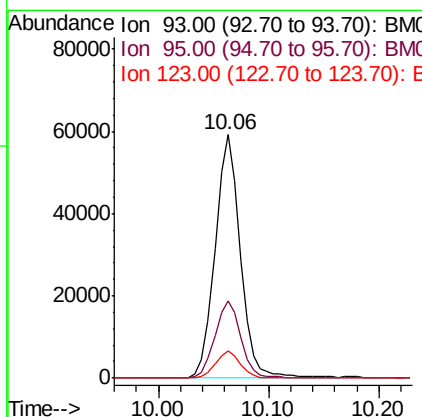
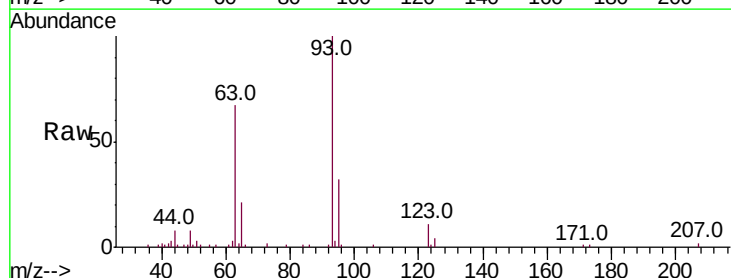
Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

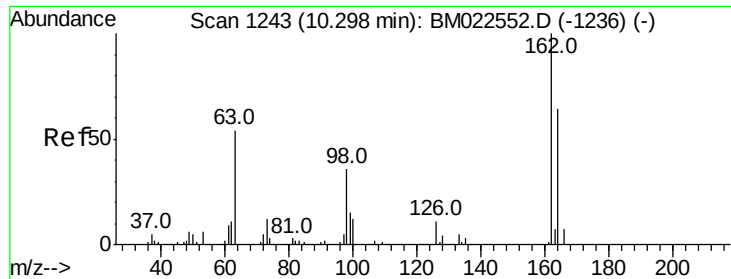
Tot Ion:107 Resp: 76001
 Ion Ratio Lower Upper
 107 100
 121 50.3 40.2 60.4
 122 84.8 70.2 105.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.814 ng/ul
 RT: 10.06 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion: 93 Resp: 93689
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.1 39.1
 123 11.3 9.2 13.8





#27

2,4-Dichlorophenol

Concen: 3.648 ng/ul

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

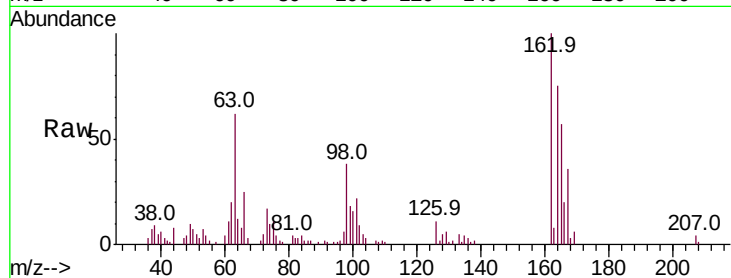
Tot Ion:162 Resp: 63015

Ion Ratio Lower Upper

162 100

164 74.9 52.1 78.1

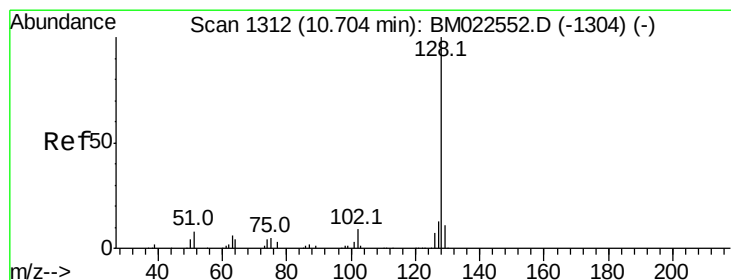
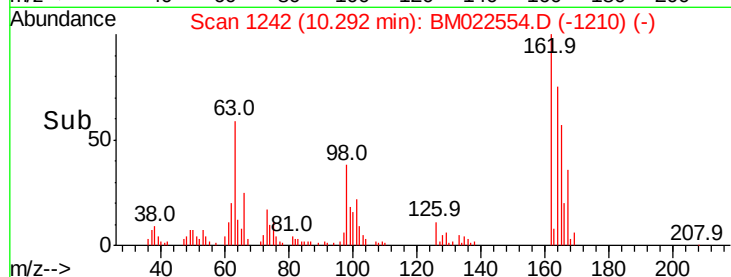
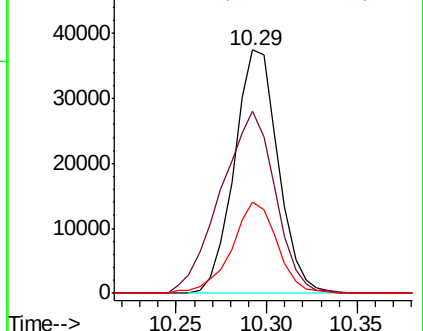
98 37.6 28.9 43.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 3.861 ng/ul

RT: 10.70 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

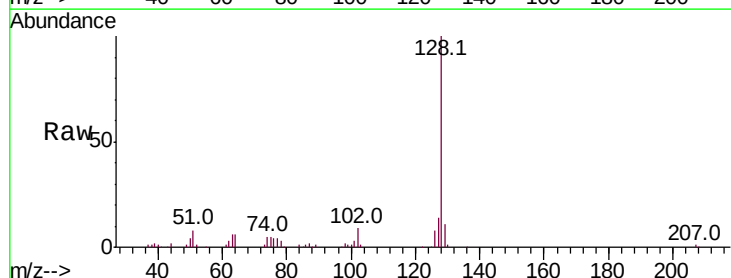
Tgt Ion:128 Resp: 221710

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

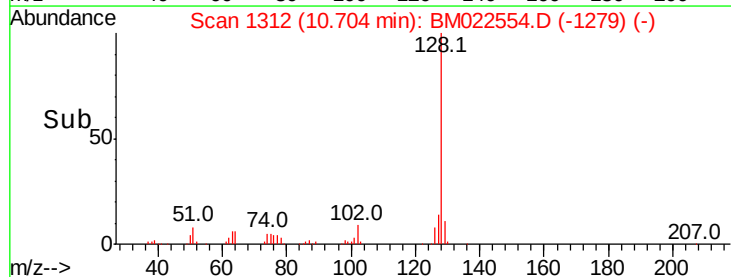
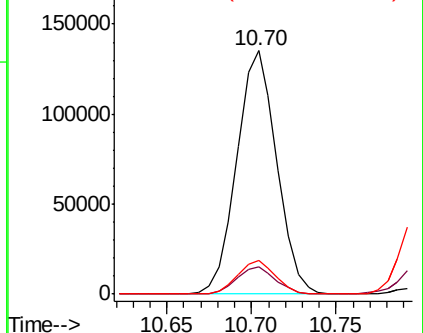
127 13.6 10.6 16.0

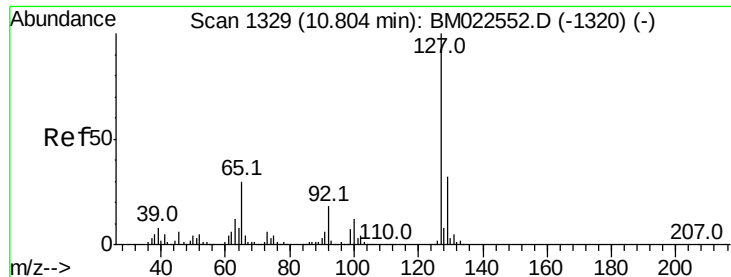


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

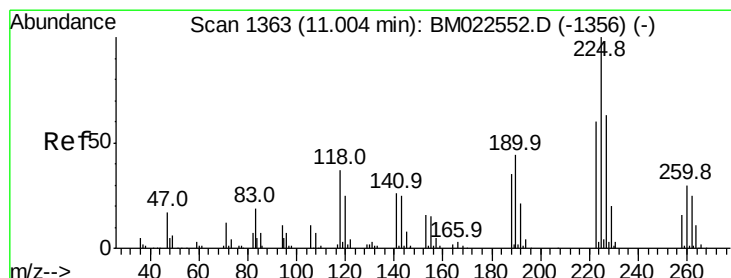
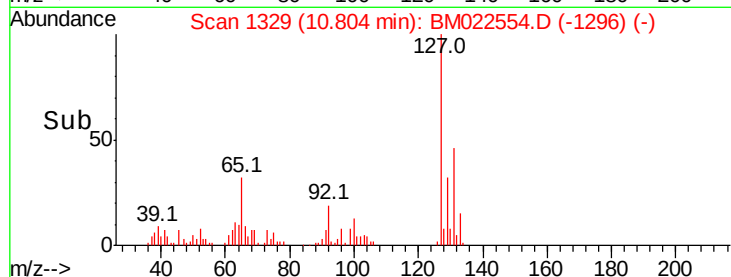
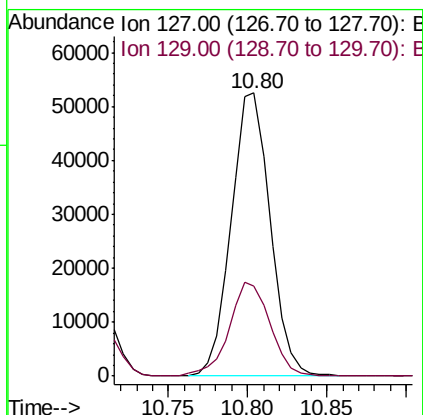
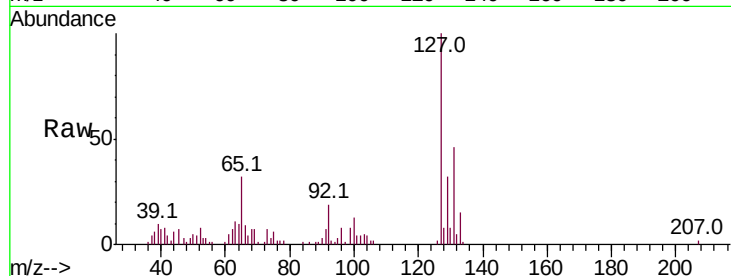




#30
4-Chloroaniline
Concen: 3.776 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

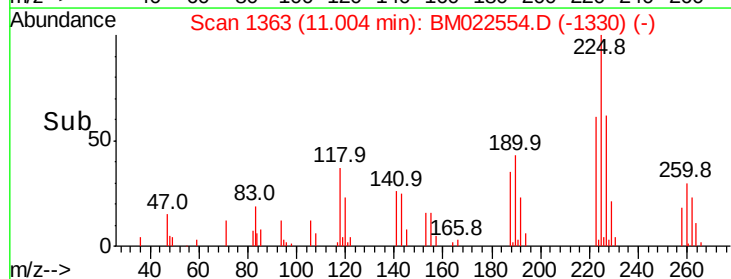
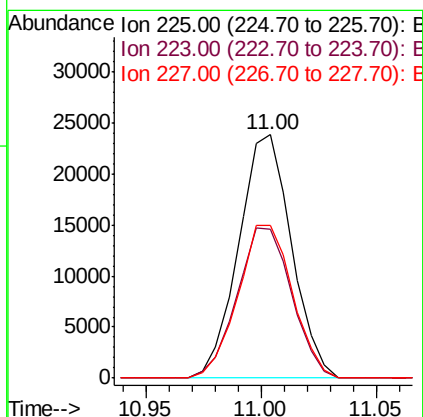
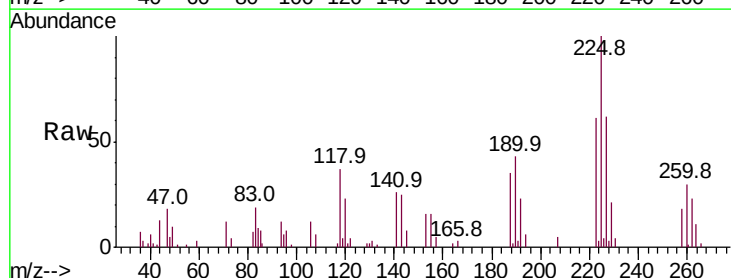
Instrument :
BNA_M
ClientSampleId :
MDL-W-01

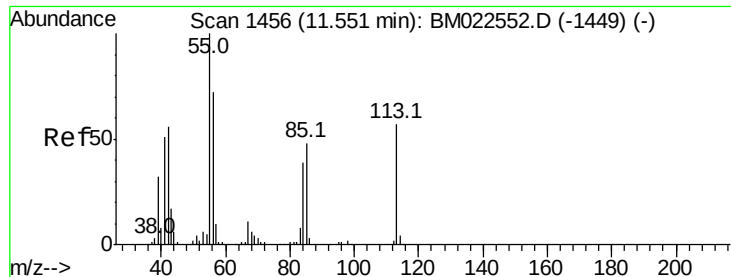
Tot Ion:127 Resp: 89630
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2



#31
Hexachlorobutadiene
Concen: 3.572 ng/ul
RT: 11.00 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Tgt Ion:225 Resp: 38010
Ion Ratio Lower Upper
225 100
223 61.2 50.1 75.1
227 62.5 51.8 77.8





#32

Caprolactam

Concen: 2.898 ng/ul

RT: 11.58 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

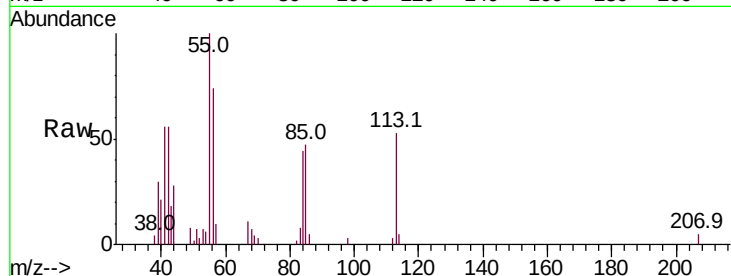
Tot Ion:113 Resp: 18630

Ion Ratio Lower Upper

113 100

55 187.0 135.6 203.4

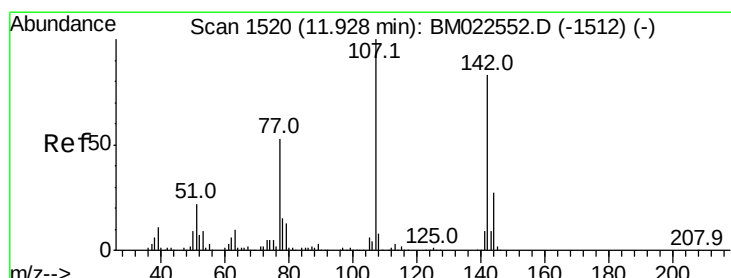
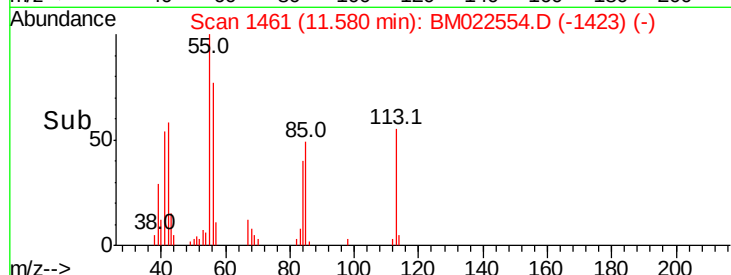
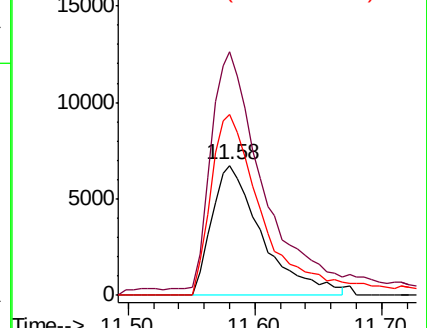
56 139.1 98.4 147.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.429 ng/ul

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

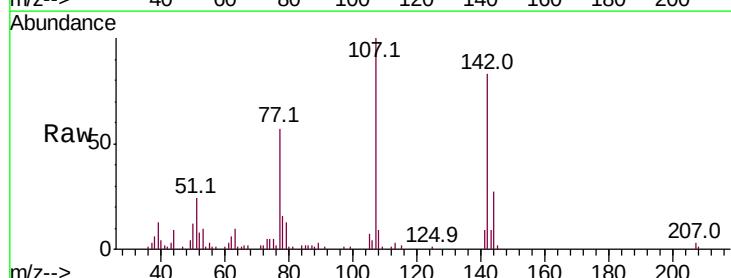
Tgt Ion:107 Resp: 65355

Ion Ratio Lower Upper

107 100

144 26.8 22.6 34.0

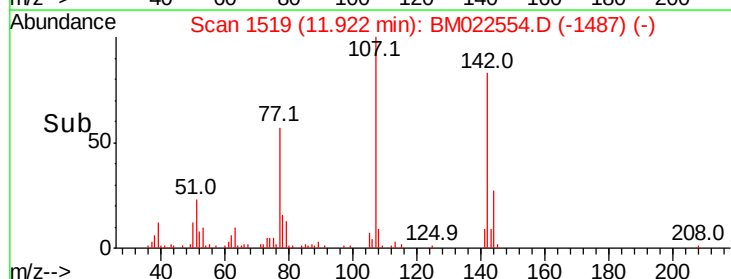
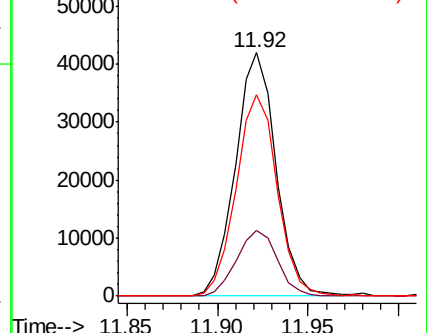
142 82.6 67.0 100.4

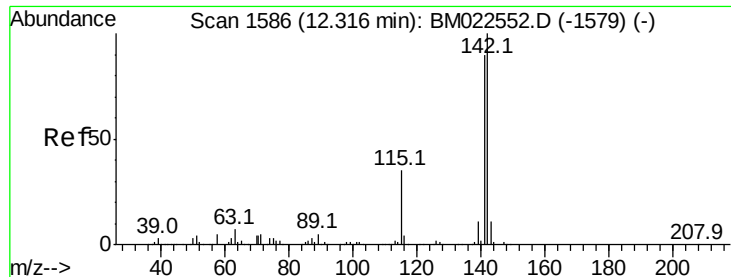


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

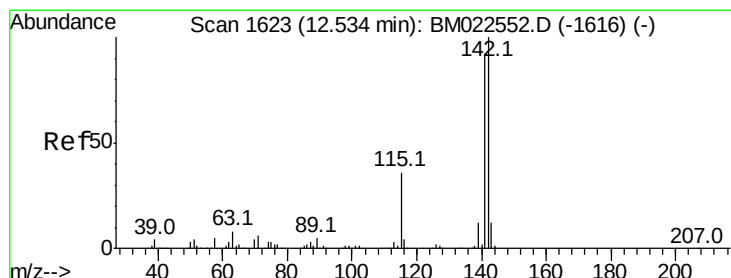
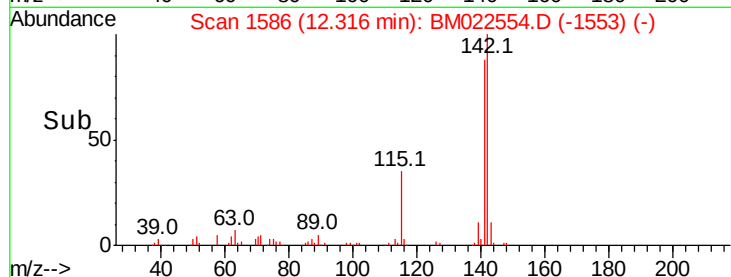
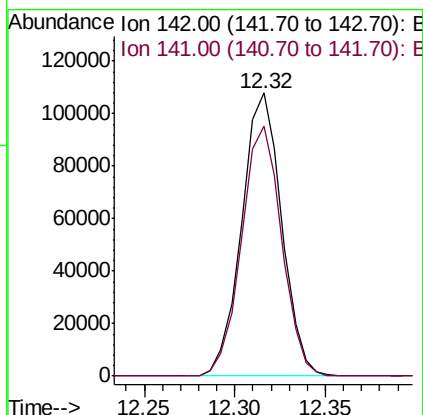
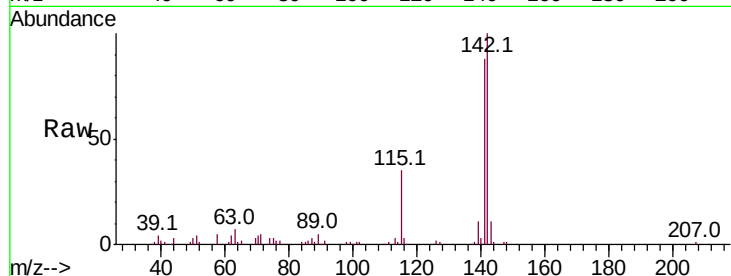




#34
 2-Methylnaphthalene
 Concen: 3.822 ng/ul
 RT: 12.32 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

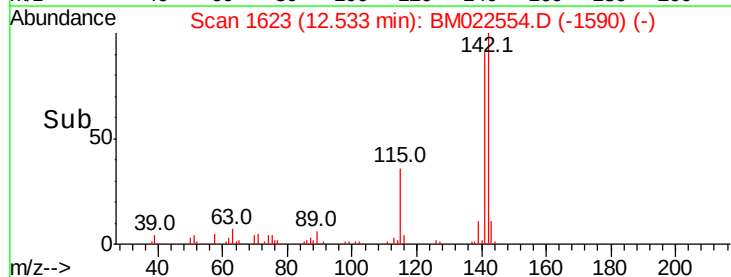
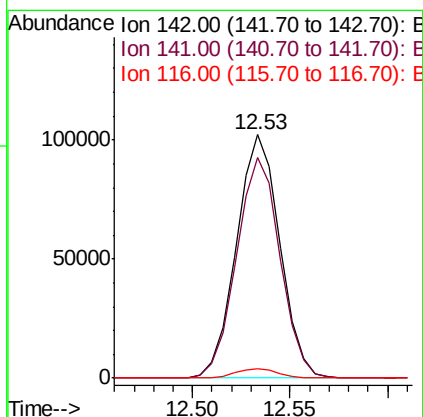
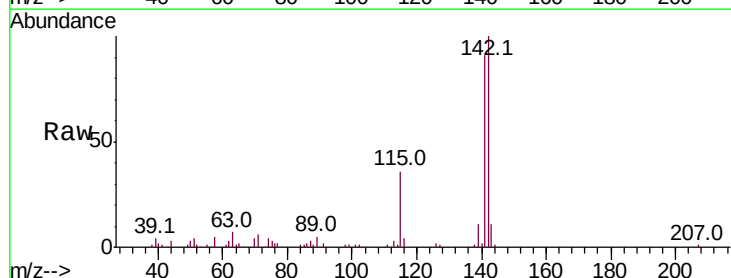
Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

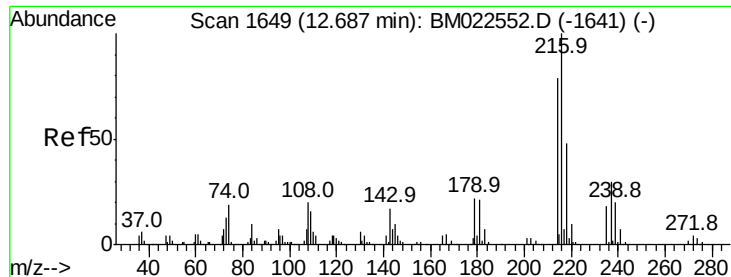
Tot Ion:142 Resp: 165335
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.4



#35
 1-Methylnaphthalene
 Concen: 3.795 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:142 Resp: 156871
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.6 108.8
 116 3.8 3.0 4.4

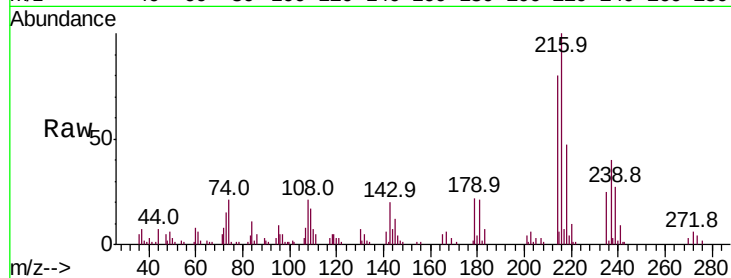




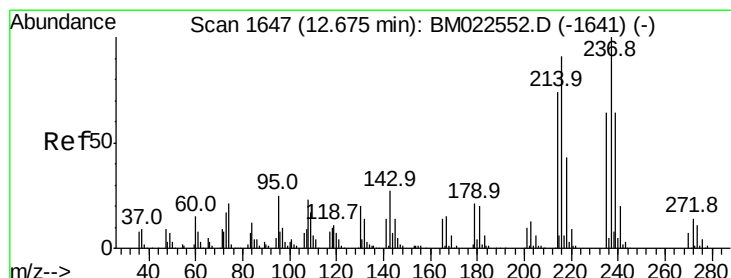
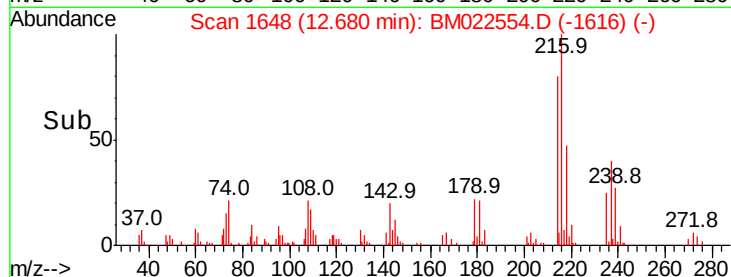
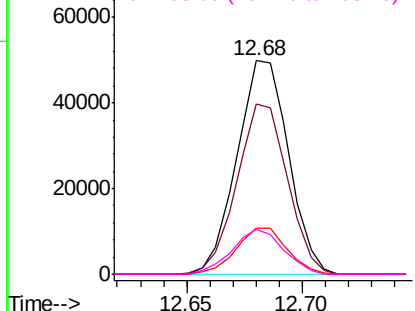
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.628 ng/ul
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Tot Ion:	216	Resp:	77769
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.9	16.7	25.1
108	21.0	14.4	21.6

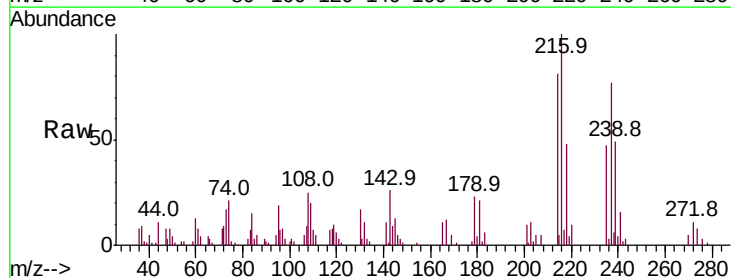


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

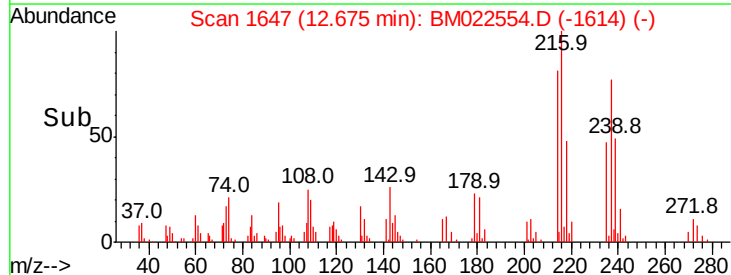
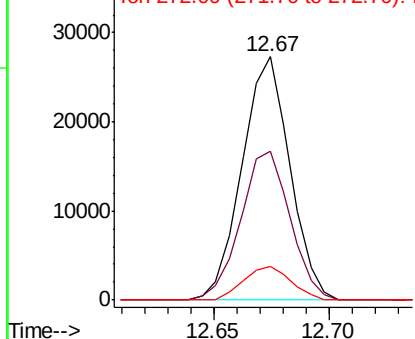


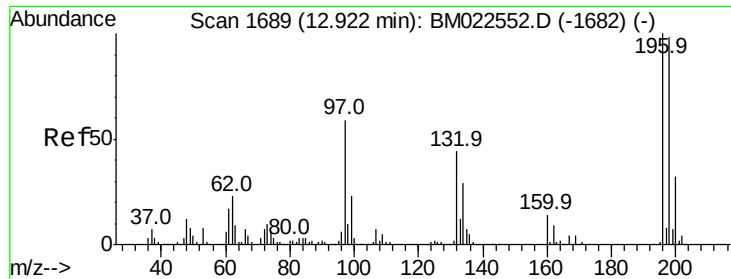
#38
 Hexachlorocyclopentadiene
 Concen: 2.990 ng/ul
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:	237	Resp:	39521
Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.1	75.1
272	13.9	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

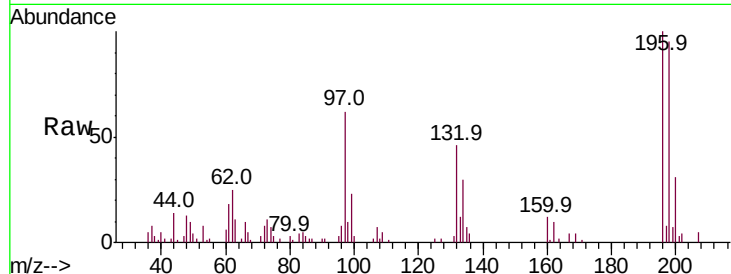




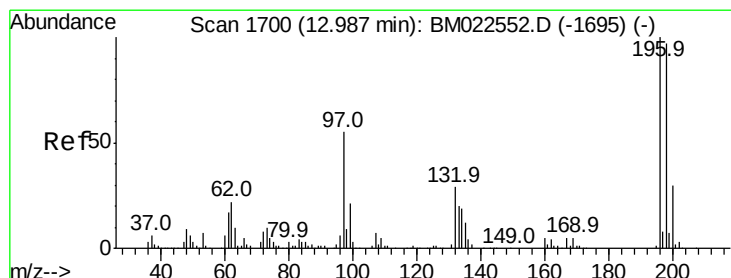
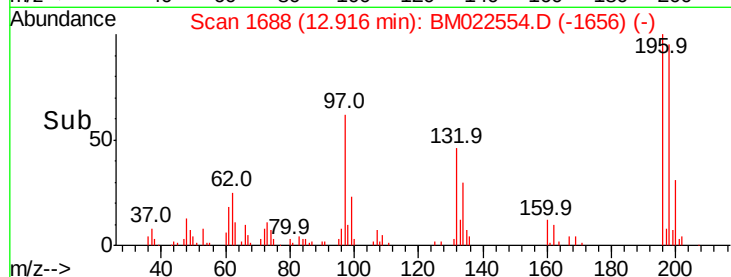
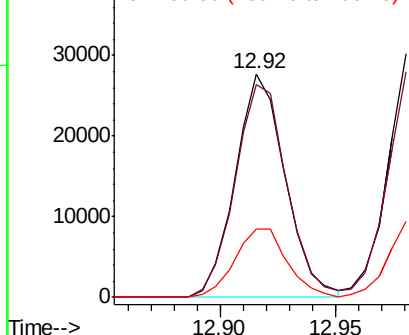
#39
 2,4,6-Trichlorophenol
 Concen: 3.111 ng/ul
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleID :
 MDL-W-01

Tot Ion:196 Resp: 41752
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.7 116.5
 200 30.7 24.6 37.0

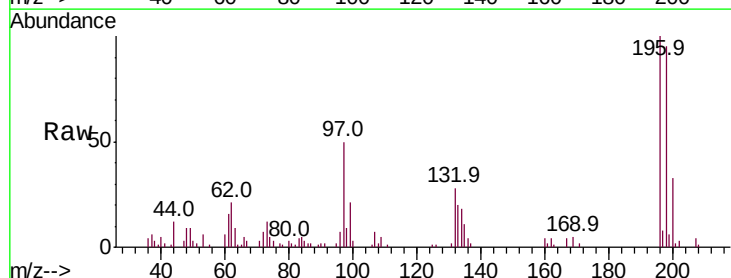


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

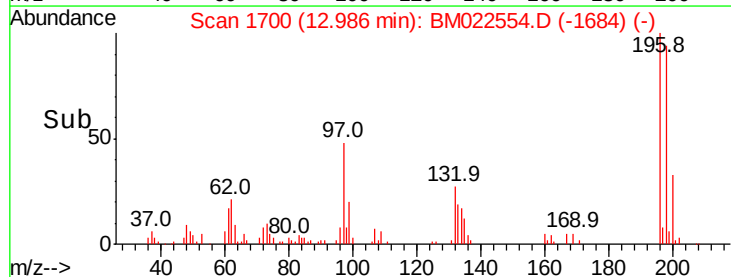
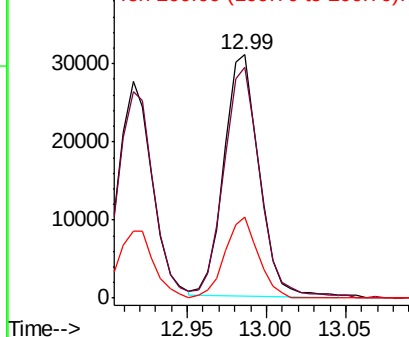


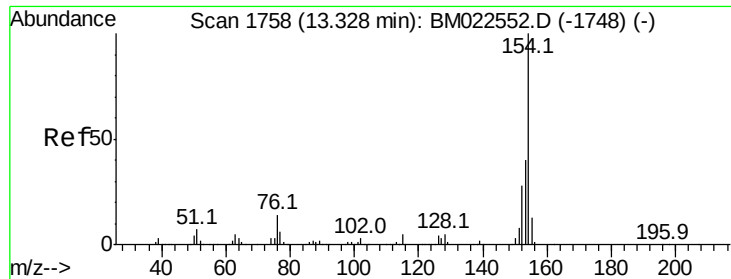
#40
 2,4,5-Trichlorophenol
 Concen: 3.291 ng/ul
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:196 Resp: 47888
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.4 116.0
 200 33.3 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

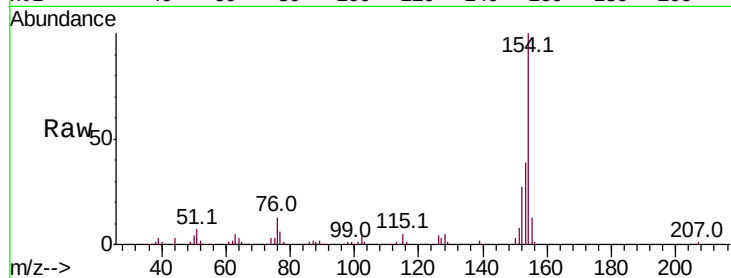




#41
 1,1'-Biphenyl
 Concen: 3.850 ng/ul
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.1	48.1
76	13.3	10.2	15.2

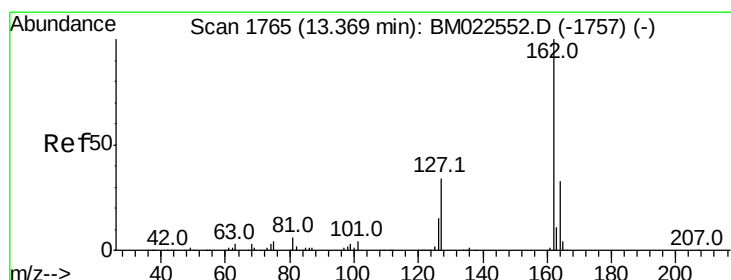
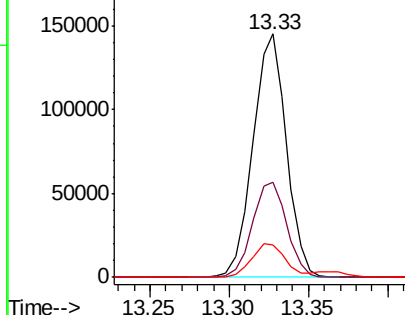
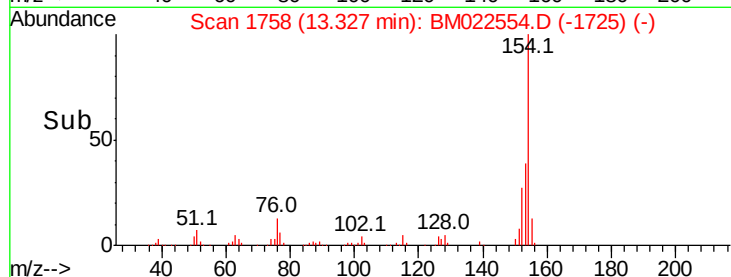


Abundance

Ion 154.00 (153.70 to 154.70): E

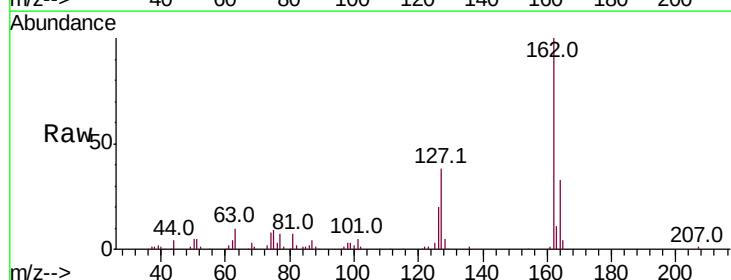
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42
 2-Chloronaphthalene
 Concen: 3.853 ng/ul
 RT: 13.36 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.2	26.1	39.1
127	38.5	30.1	45.1

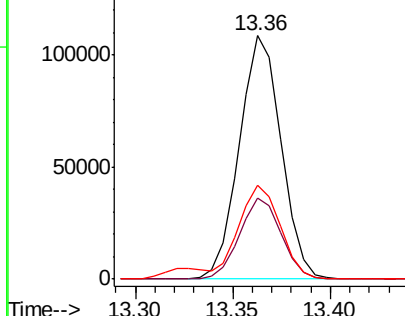
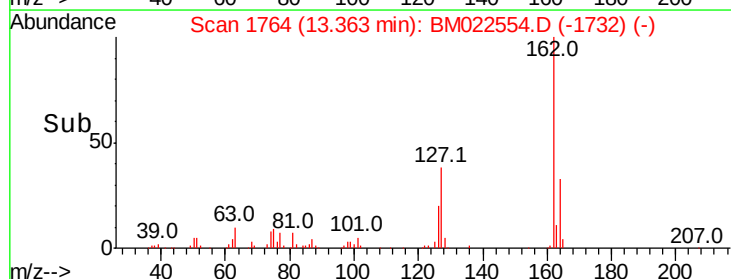


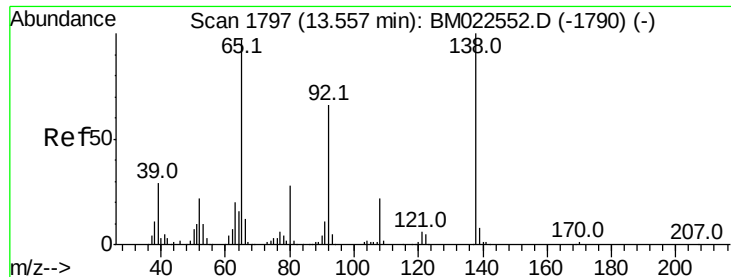
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 3.681 ng/ul

RT: 13.56 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

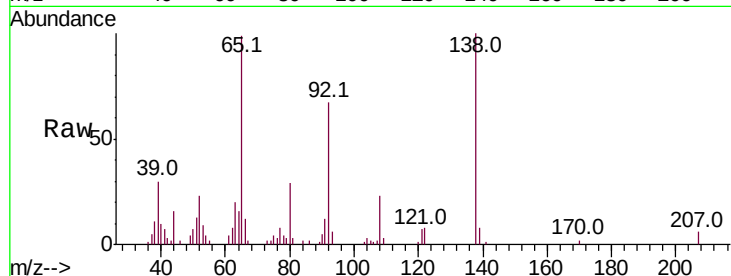
Tot Ion: 65 Resp: 36000

Ion Ratio Lower Upper

65 100

92 67.7 55.7 83.5

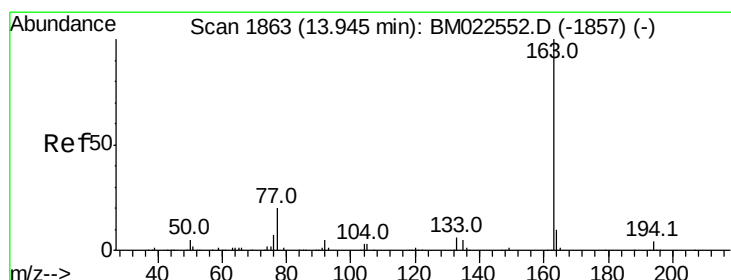
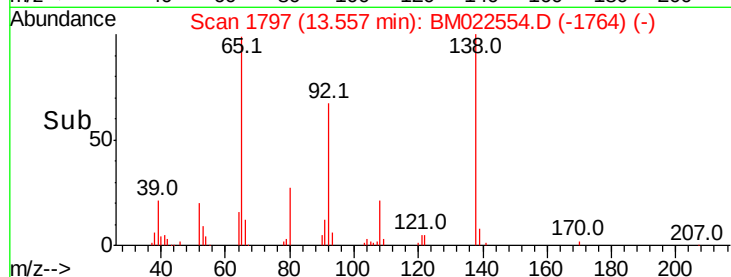
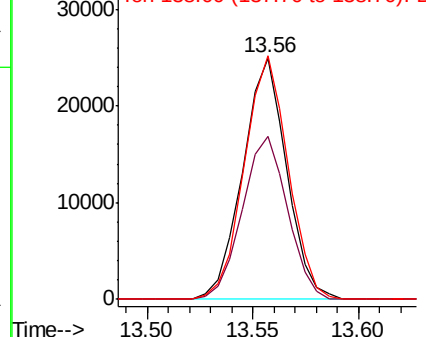
138 101.0 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BM022552.D (-1790) (-)

Ion 92.00 (91.70 to 92.70): BM022552.D (-1790) (-)

Ion 138.00 (137.70 to 138.70): BM022552.D (-1790) (-)



#45

Dimethylphthalate

Concen: 3.883 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

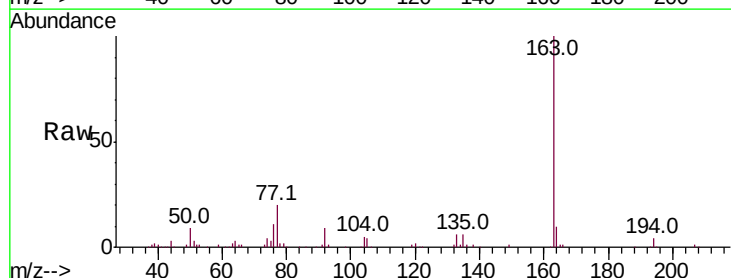
Tgt Ion:163 Resp: 212175

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

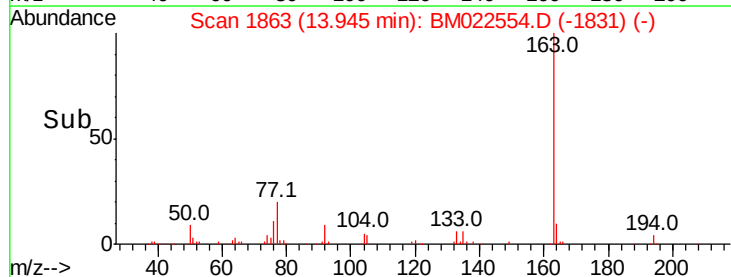
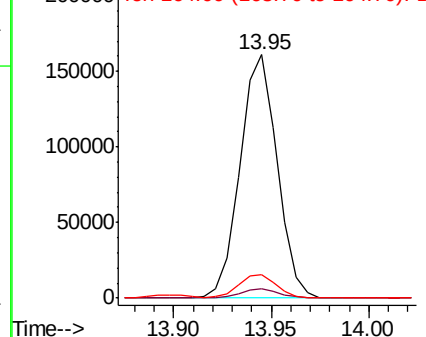
164 9.6 7.8 11.8

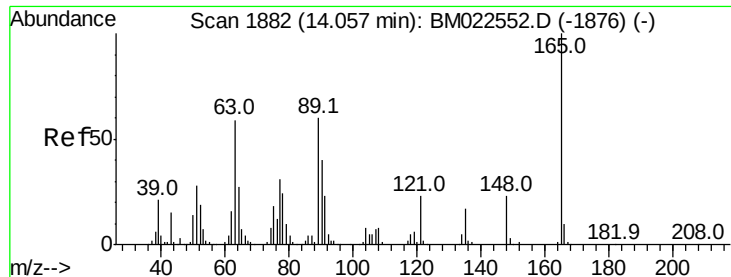


Abundance Ion 163.00 (162.70 to 163.70): BM022552.D (-1857) (-)

Ion 194.00 (193.70 to 194.70): BM022552.D (-1857) (-)

Ion 164.00 (163.70 to 164.70): BM022552.D (-1857) (-)

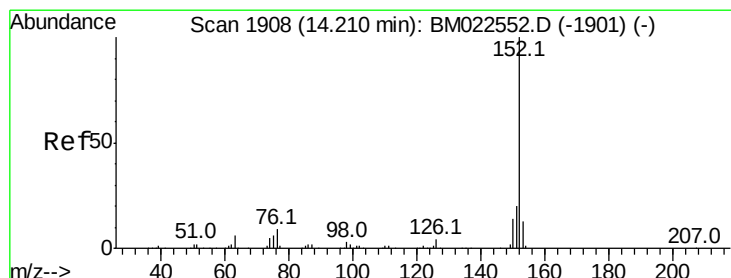
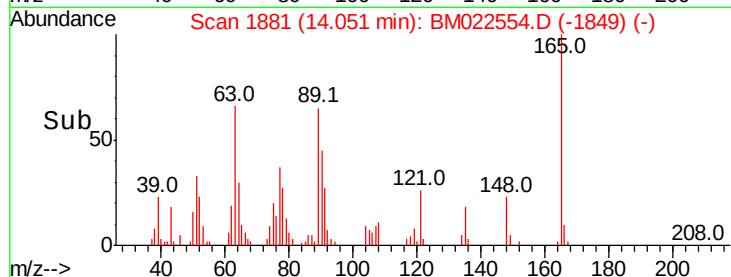
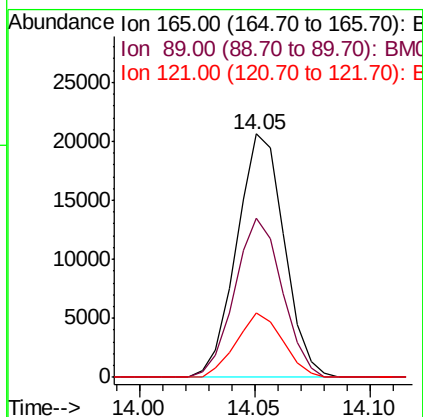
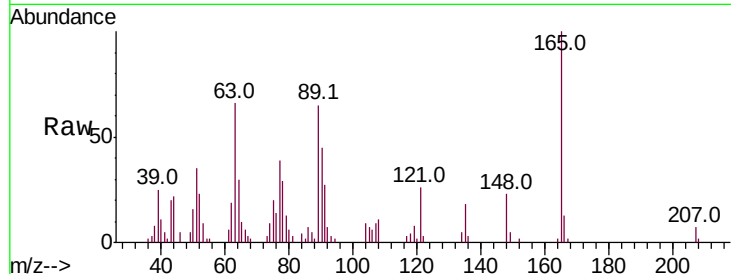




#46
 2,6-Dinitrotoluene
 Concen: 3.331 ng/ul
 RT: 14.05 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

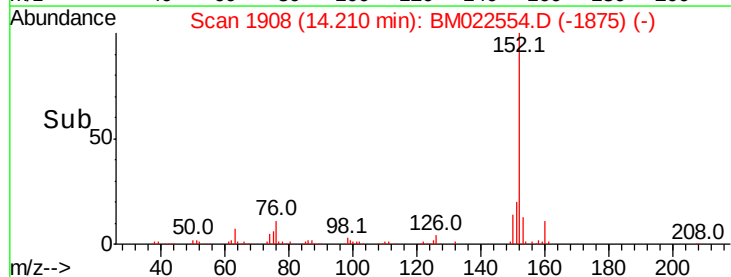
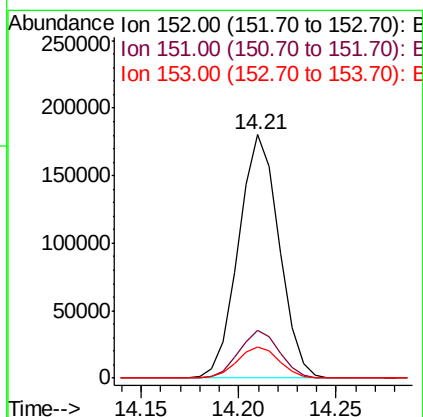
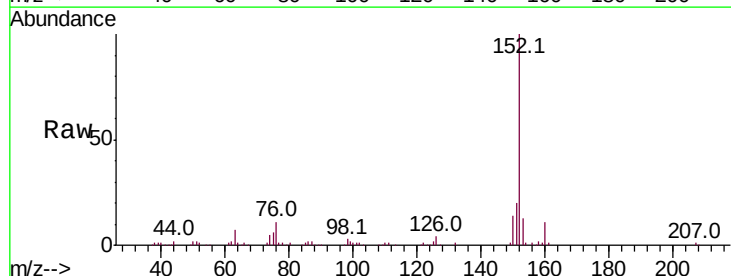
Instrument :
 BNA_M
 ClientSampled :
 MDL-W-01

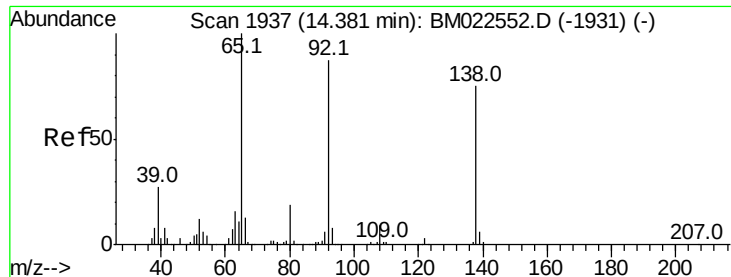
Tot Ion:165 Resp: 29634
 Ion Ratio Lower Upper
 165 100
 89 65.2 47.7 71.5
 121 26.3 18.4 27.6



#48
 Acenaphthylene
 Concen: 3.888 ng/ul
 RT: 14.21 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:152 Resp: 259953
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.8
 153 12.9 10.4 15.6





#49

3-Nitroaniline

Concen: 3.019 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

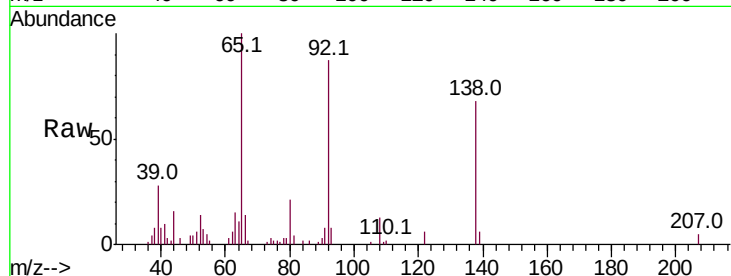
Tot Ion:138 Resp: 29126

Ion Ratio Lower Upper

138 100

108 19.4 13.5 20.3

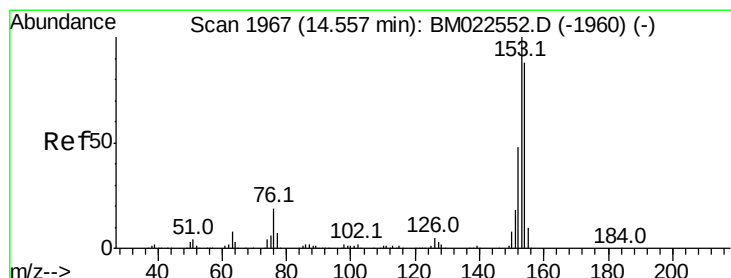
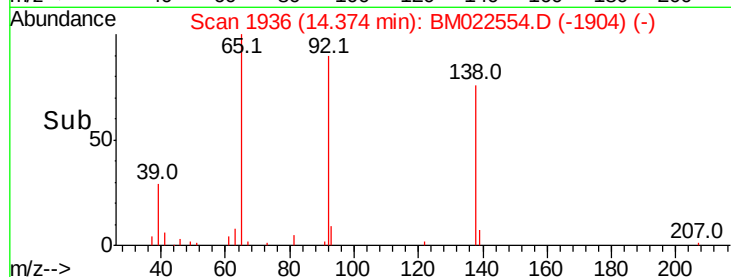
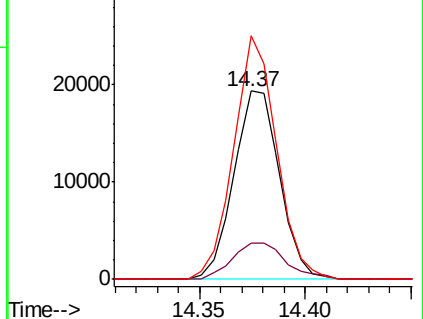
92 129.2 93.7 140.5



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: 3.861 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

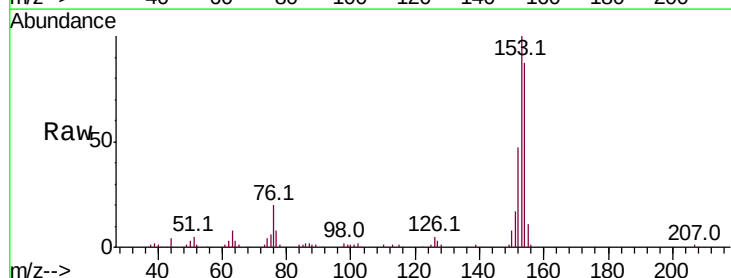
Tgt Ion:153 Resp: 178907

Ion Ratio Lower Upper

153 100

152 46.6 37.5 56.3

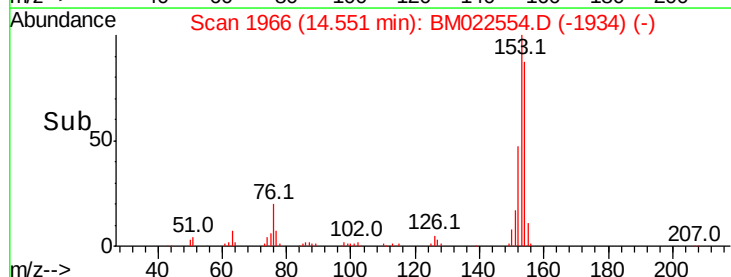
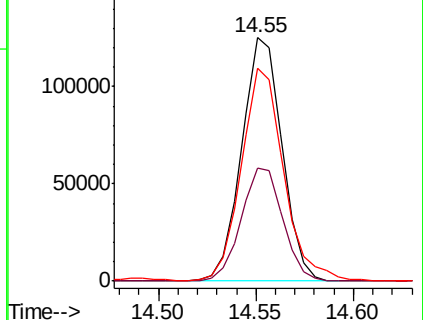
154 87.3 71.4 107.0

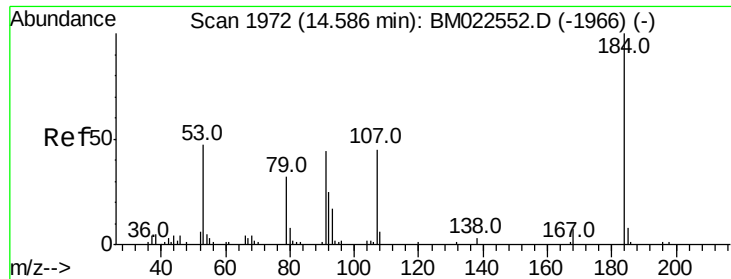


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 3.084 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

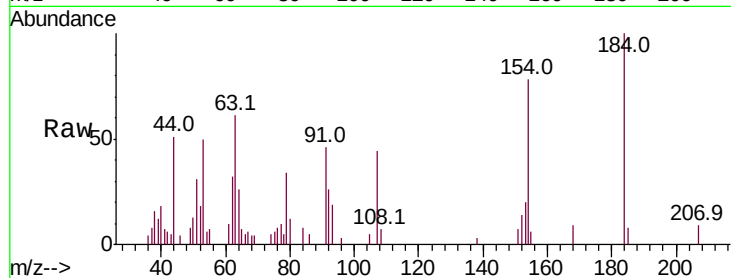
Tot Ion:184 Resp: 12589

Ion Ratio Lower Upper

184 100

63 61.3 51.5 77.3

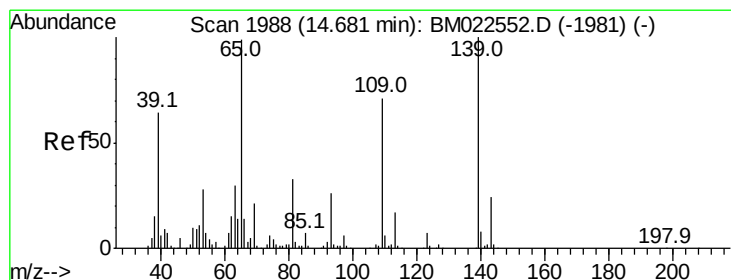
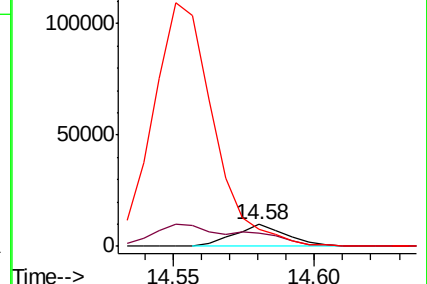
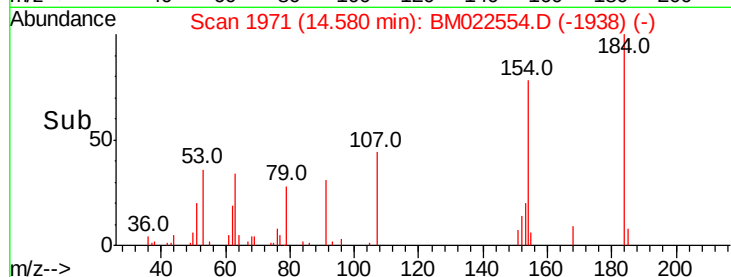
154 77.6 81.9 122.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 4.042 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

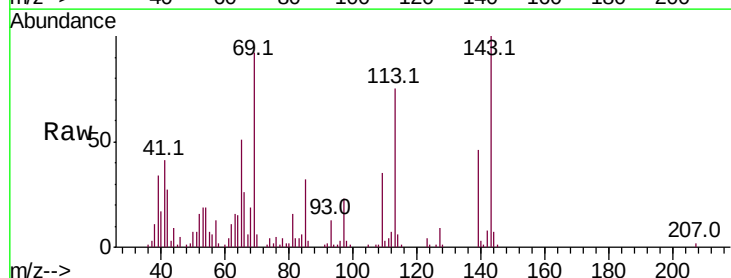
Tgt Ion:109 Resp: 29870

Ion Ratio Lower Upper

109 100

139 132.0 107.6 161.4

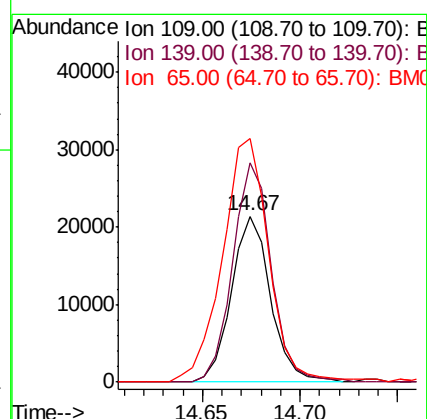
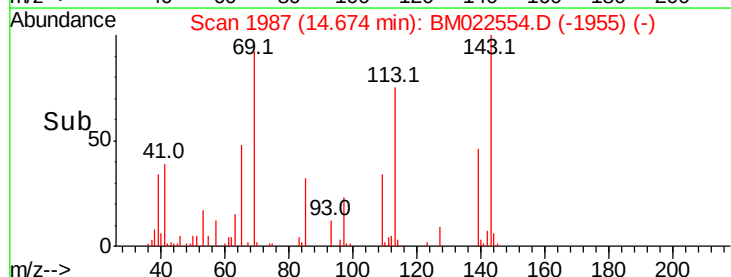
65 146.6 101.9 152.9

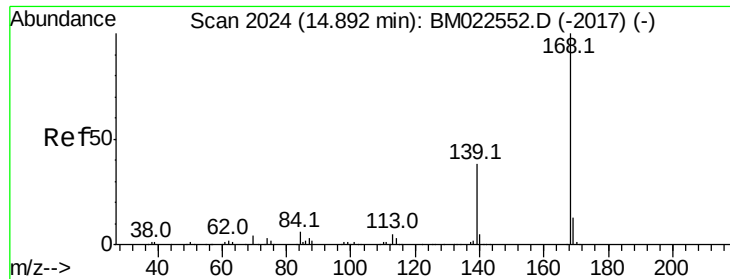


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 3.916 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

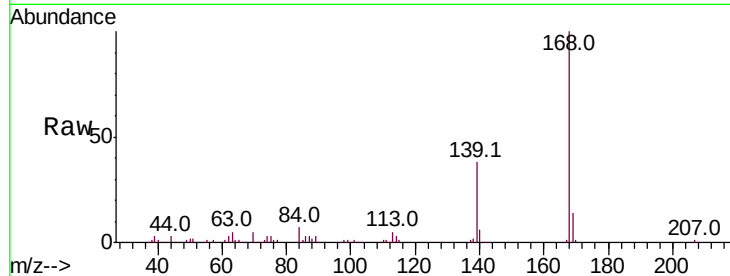
MDL-W-01

Tot Ion:168 Resp: 251828

Ion Ratio Lower Upper

168 100

139 37.8 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.89

200000

150000

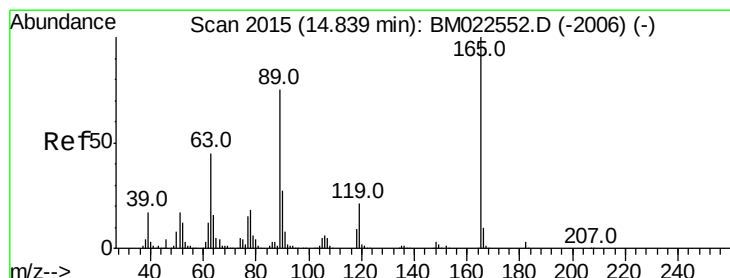
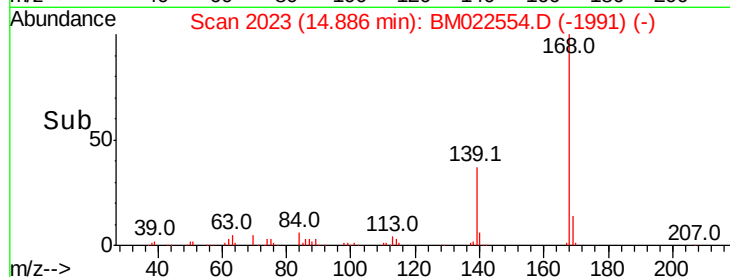
100000

50000

0

14.85 14.90 14.95

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.605 ng/ul

RT: 14.84 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

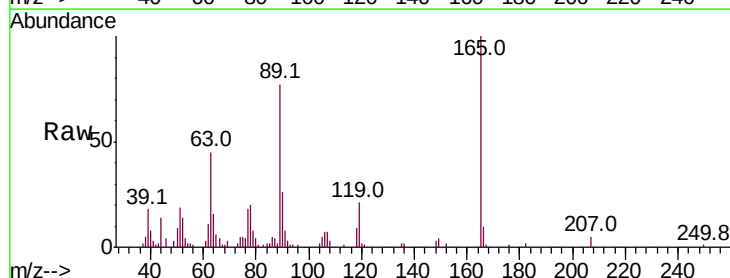
Tgt Ion:165 Resp: 46989

Ion Ratio Lower Upper

165 100

63 44.8 35.7 53.5

182 2.5 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.84

40000

30000

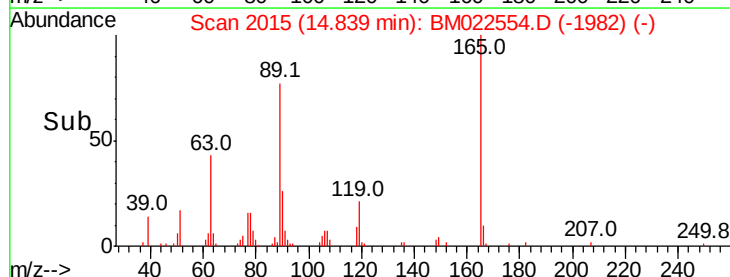
20000

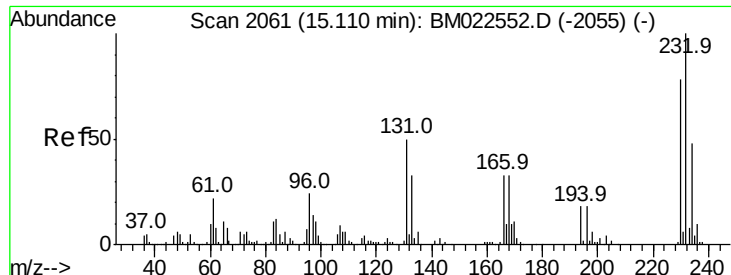
10000

0

14.80 14.85

Time-->

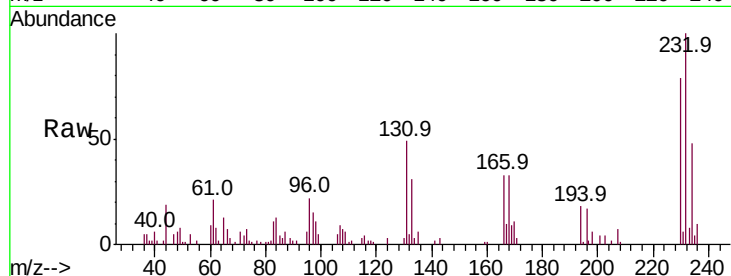




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.146 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	36.9	55.3
130	3.1	2.0	3.0
166	33.2	25.2	37.8



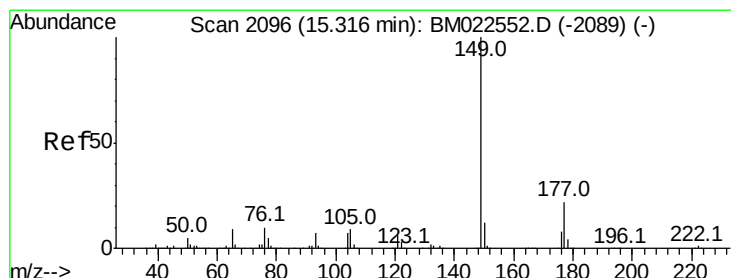
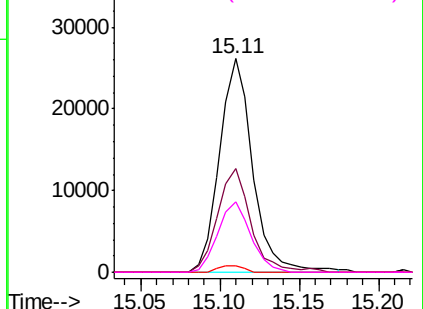
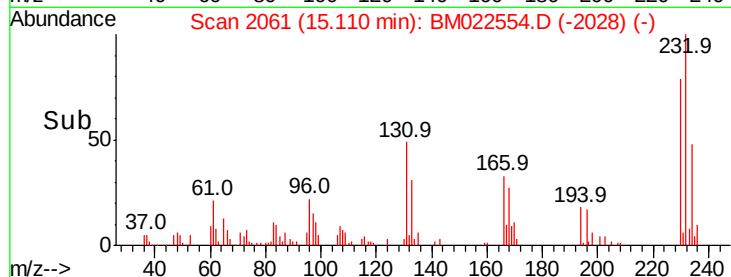
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

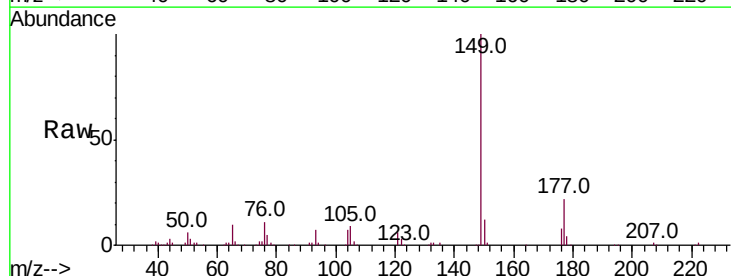
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.728 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.4	10.2	15.2

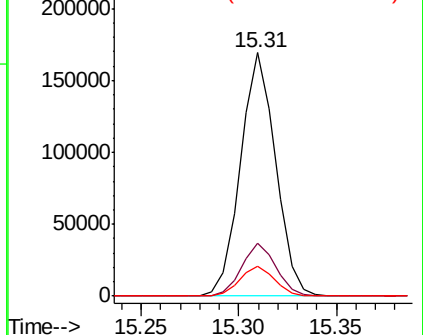
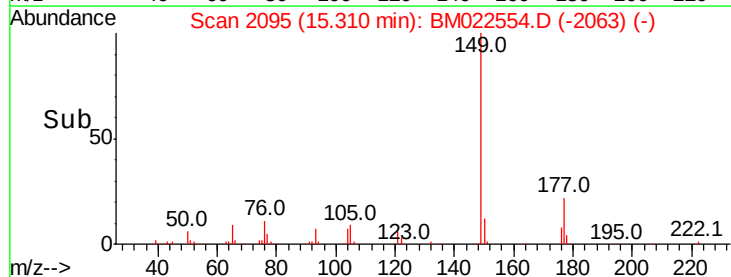


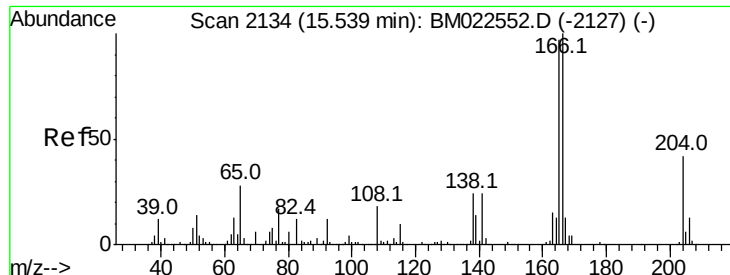
Abundance

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: 3.947 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

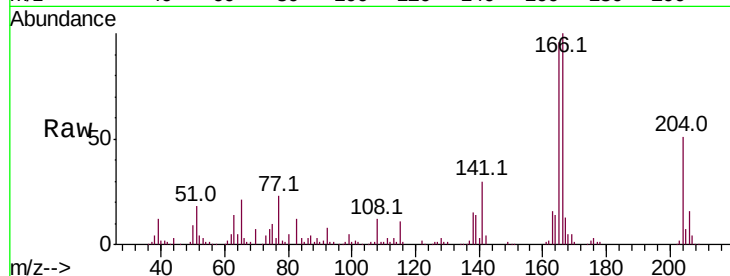
Tot Ion:166 Resp: 208823

Ion Ratio Lower Upper

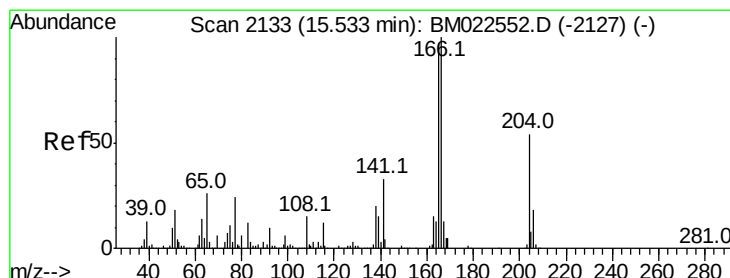
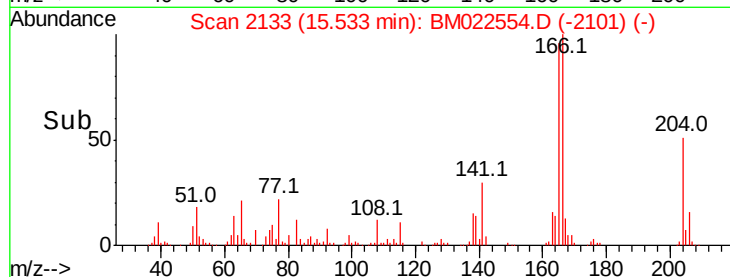
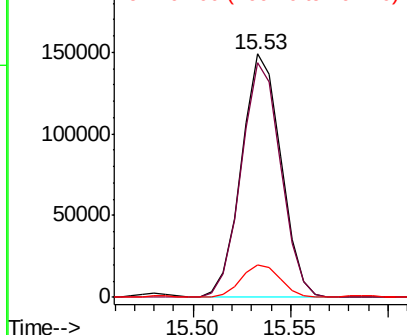
166 100

165 96.4 77.8 116.8

167 13.1 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: 3.831 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

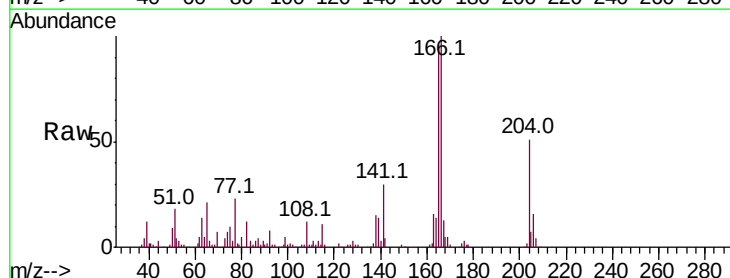
Tgt Ion:204 Resp: 100307

Ion Ratio Lower Upper

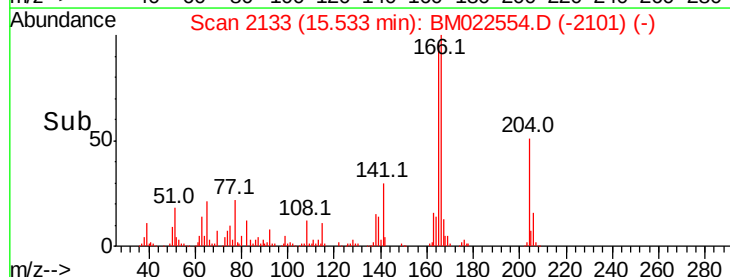
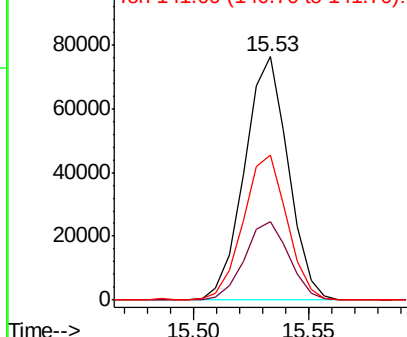
204 100

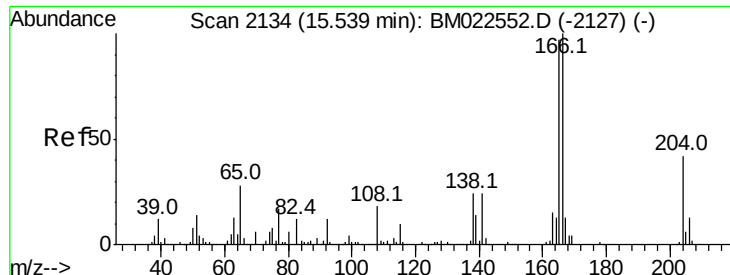
206 32.1 26.0 39.0

141 59.5 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

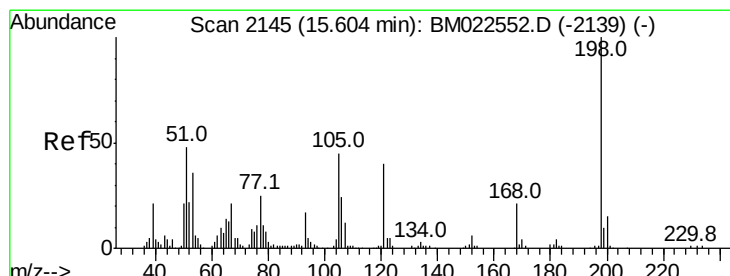
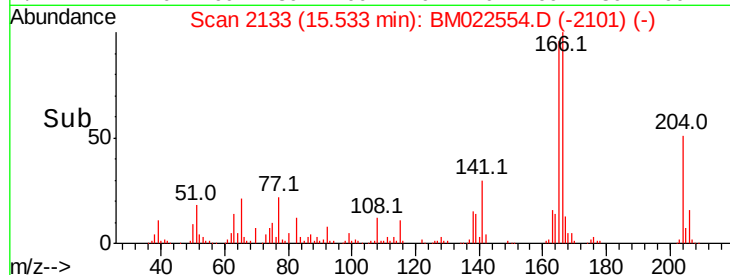
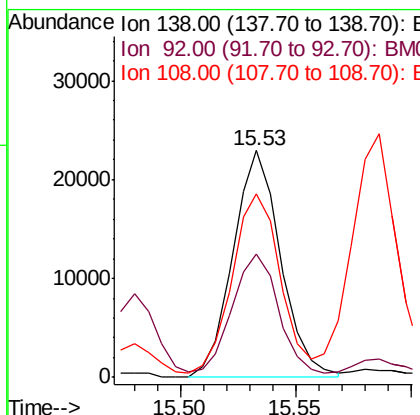
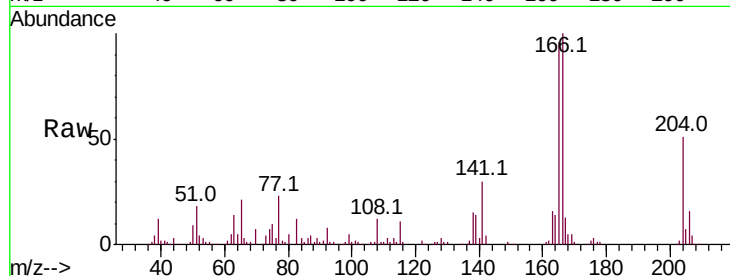




#61
 4-Nitroaniline
 Concen: 3.010 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

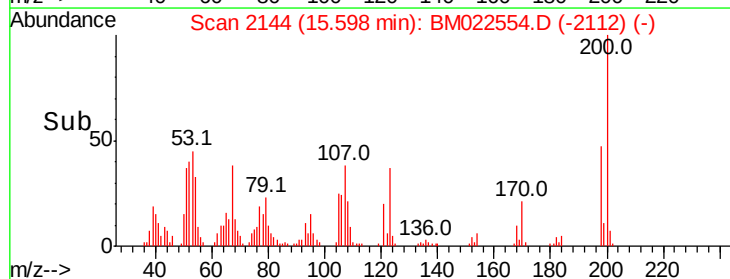
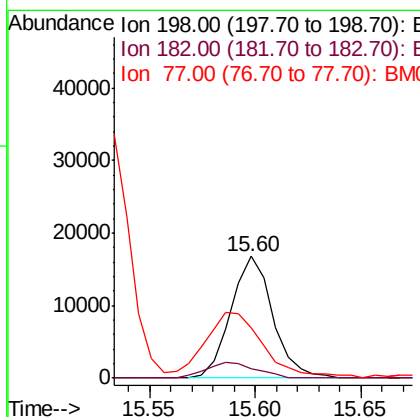
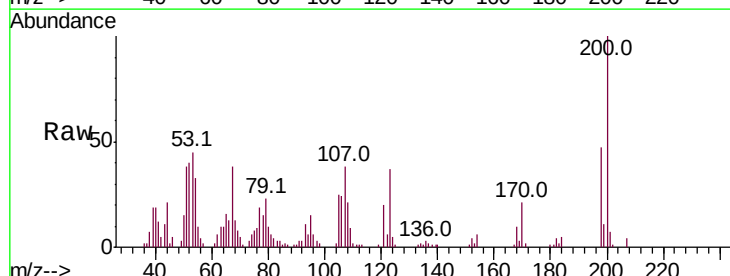
Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

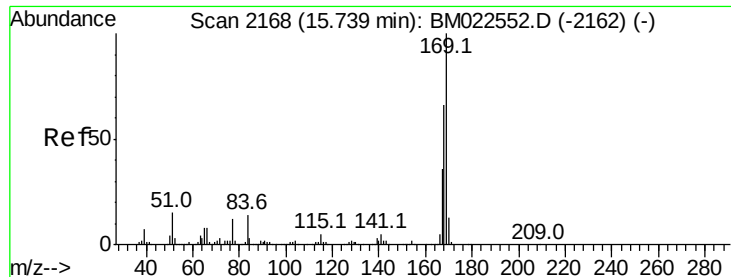
Tot Ion:138 Resp: 33088
 Ion Ratio Lower Upper
 138 100
 92 54.7 40.3 60.5
 108 81.1 62.2 93.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.166 ng/ul
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:198 Resp: 23140
 Ion Ratio Lower Upper
 198 100
 182 8.2 3.4 5.0#
 77 41.5 19.7 29.5#





#65

N-Nitrosodiphenylamine

Concen: 3.751 ng/ul

RT: 15.74 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

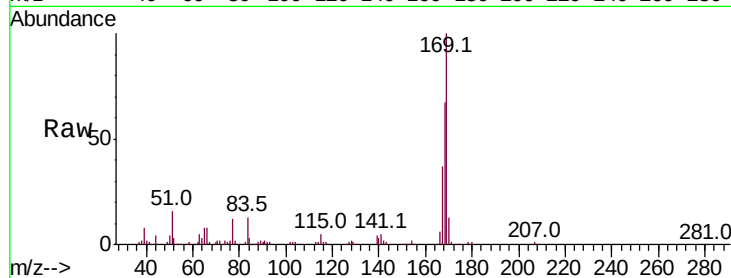
Tot Ion:169 Resp: 177873

Ion Ratio Lower Upper

169 100

168 66.5 53.5 80.3

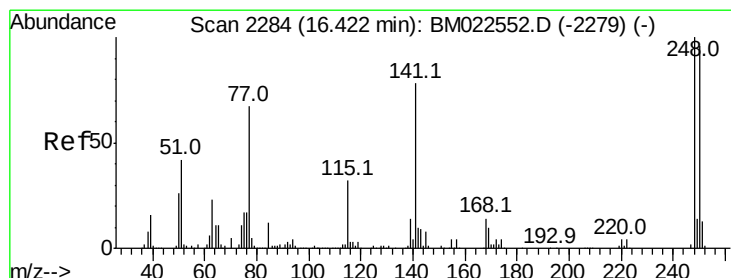
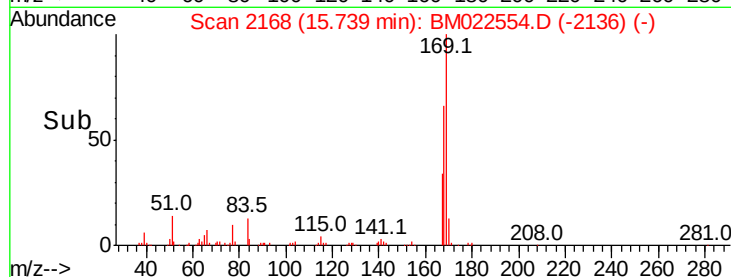
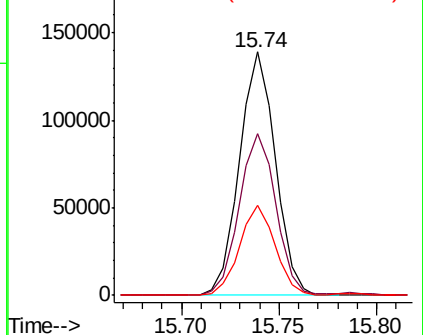
167 37.0 29.5 44.3



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: 3.450 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

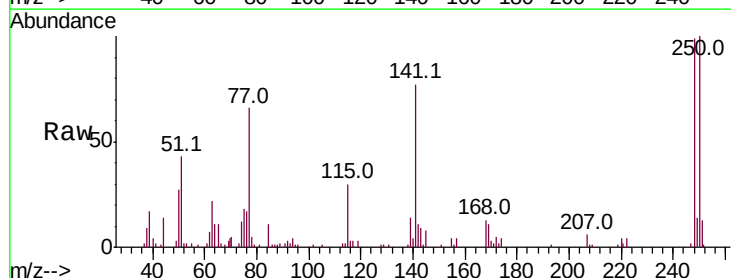
Tgt Ion:248 Resp: 59886

Ion Ratio Lower Upper

248 100

250 101.5 76.3 114.5

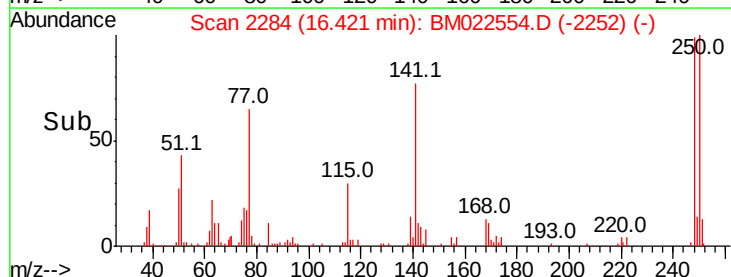
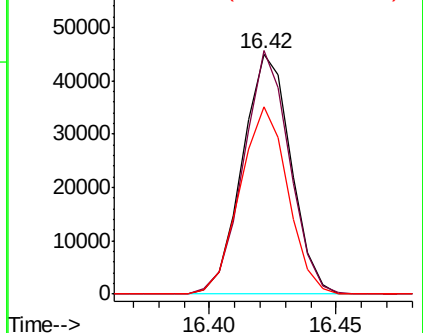
141 78.2 57.0 85.4

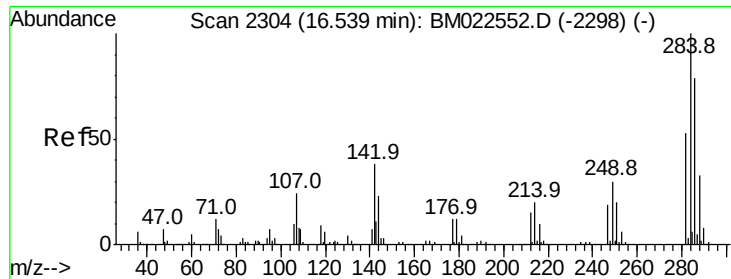


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.634 ng/ul

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

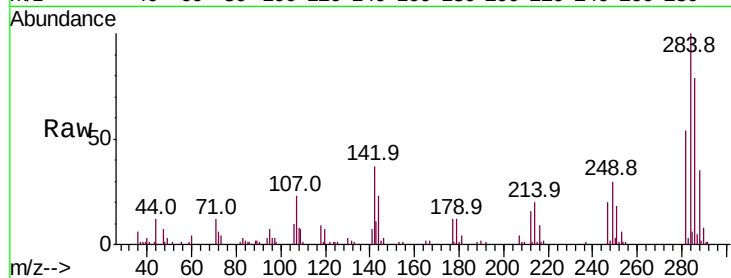
Tot Ion:284 Resp: 69525

Ion Ratio Lower Upper

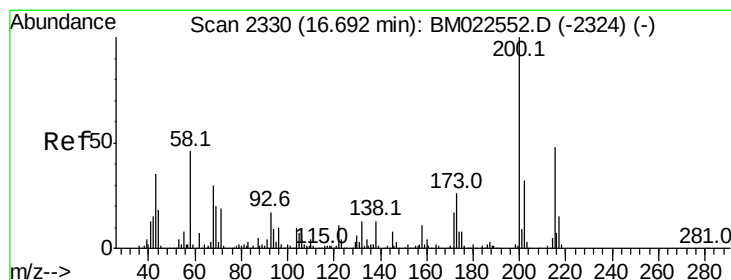
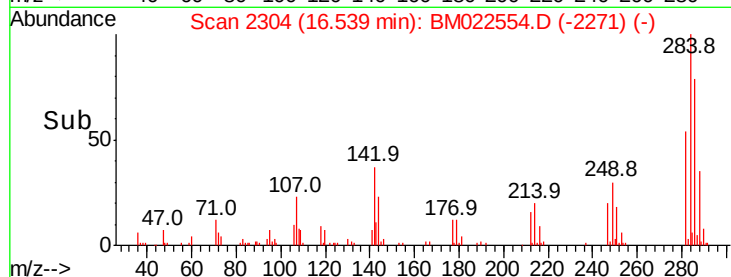
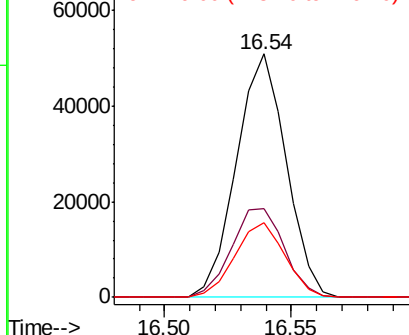
284 100

142 36.6 29.3 43.9

249 30.4 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: 3.160 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

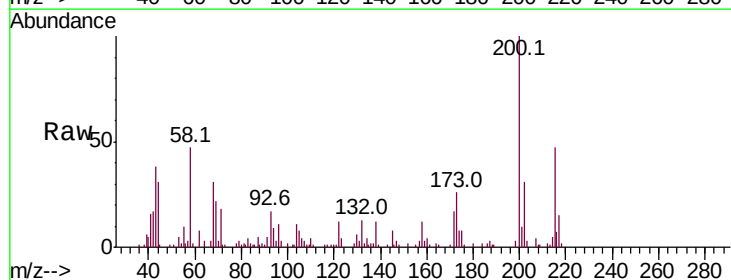
Tgt Ion:200 Resp: 57605

Ion Ratio Lower Upper

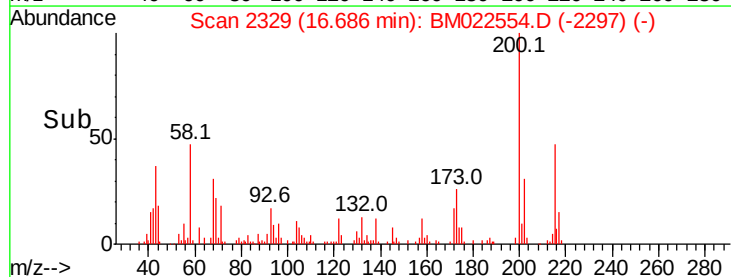
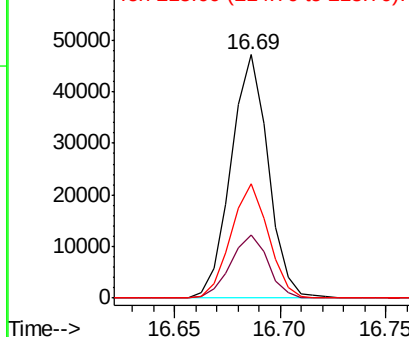
200 100

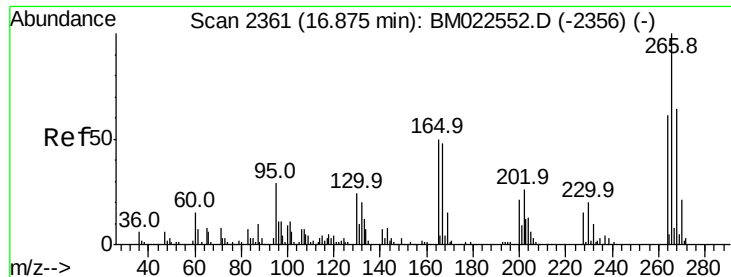
173 26.1 21.6 32.4

215 47.1 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

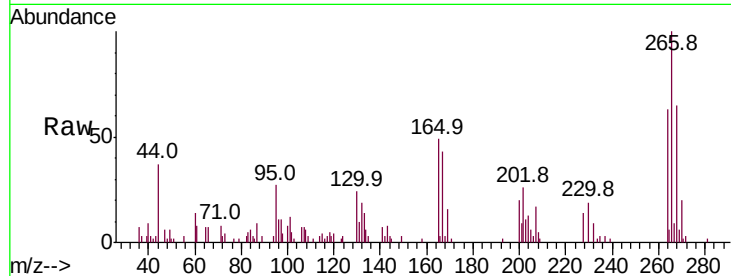




#69
 Pentachlorophenol
 Concen: 2.628 ng/ul
 RT: 16.87 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.8	76.2
268	64.7	50.9	76.3

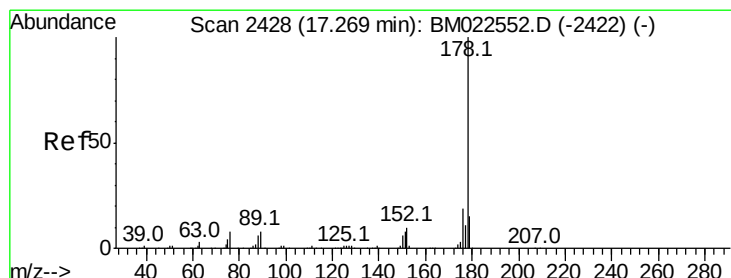
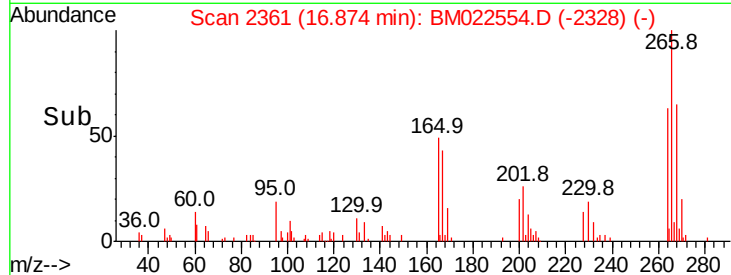
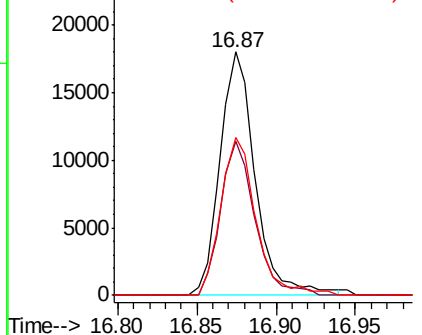


Abundance

Ion 265.70 (265.40 to 266.40): E

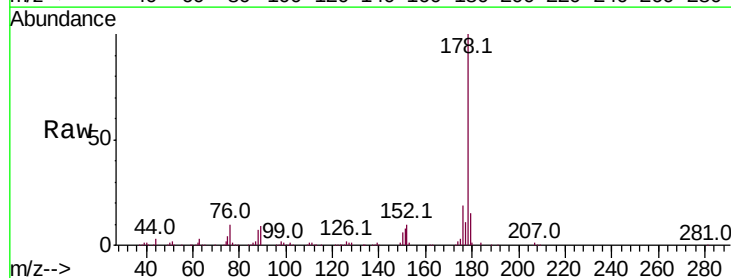
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 3.851 ng/ul
 RT: 17.27 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	19.2	15.4	23.0

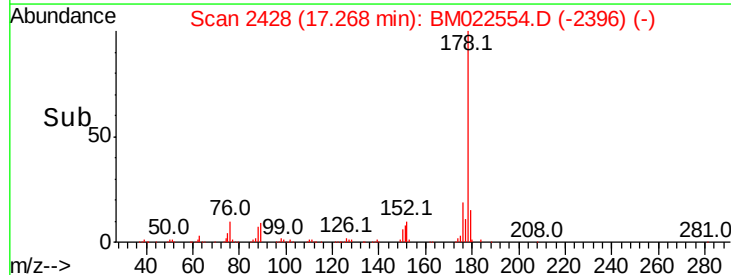
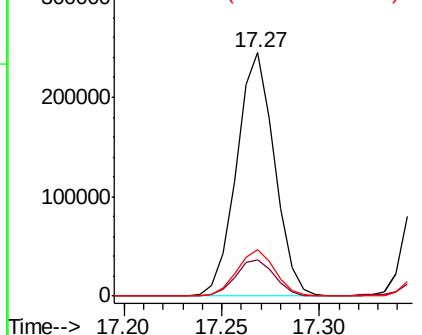


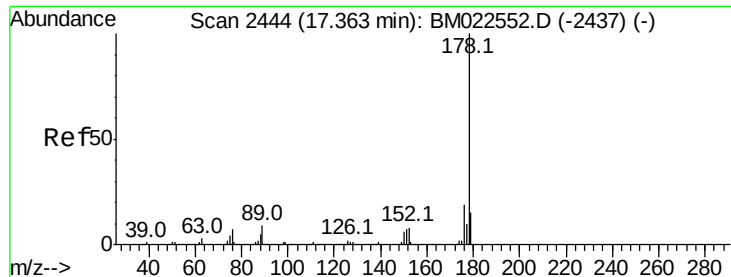
Abundance

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



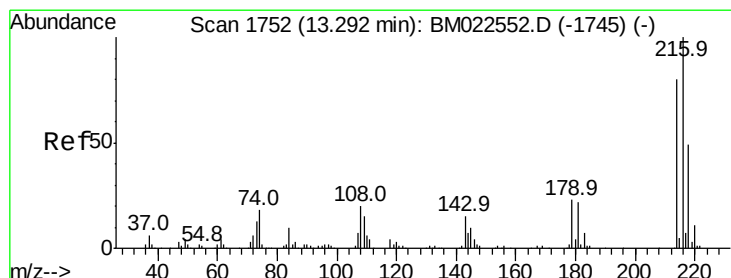
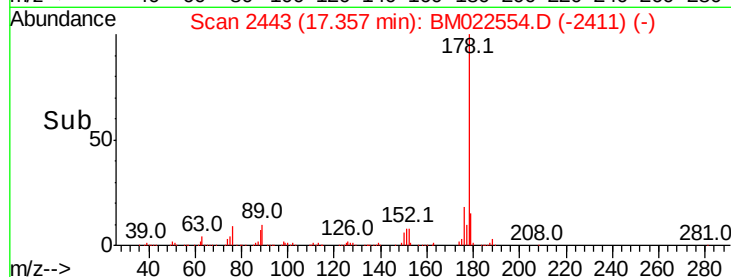
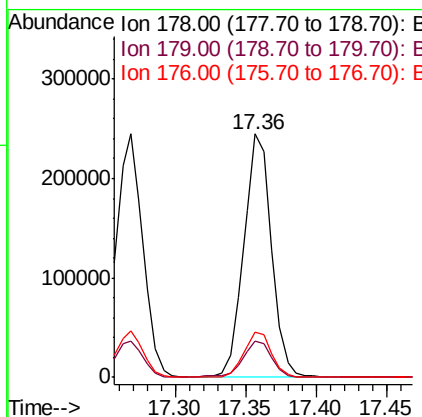
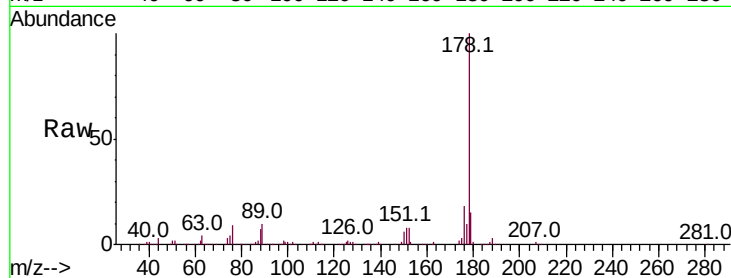


#72
 Anthracene
 Concen: 3.840 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Tot Ion:178 Resp: 335574

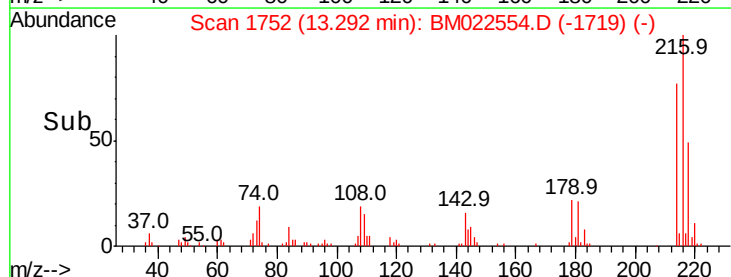
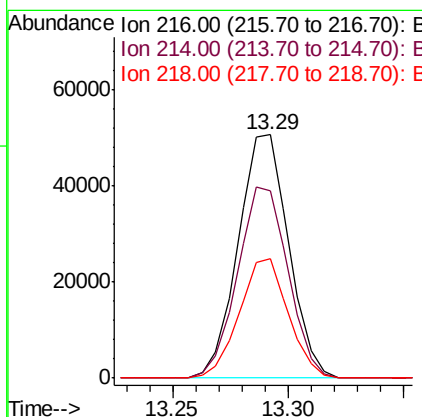
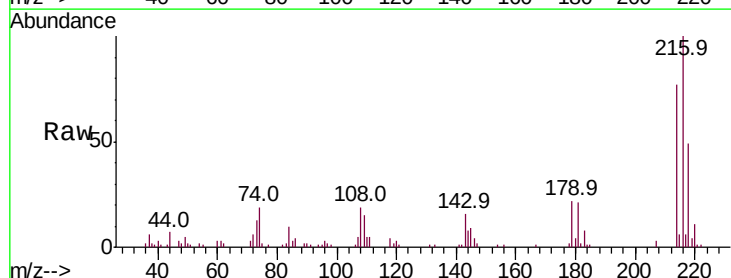
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.4	14.7	22.1

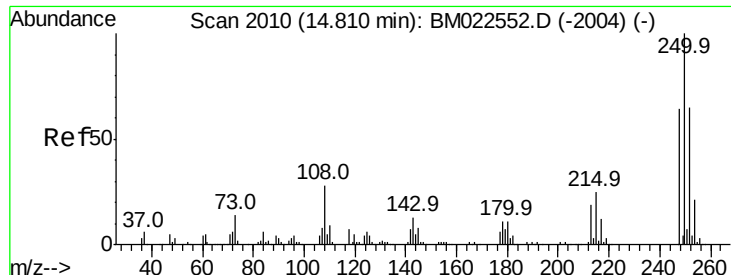


#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.573 ng/uL
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:216 Resp: 77288

Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.5	93.7
218	49.0	38.2	57.4





#74

Pentachlorobenzene

Concen: 3.646 ng/uL

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

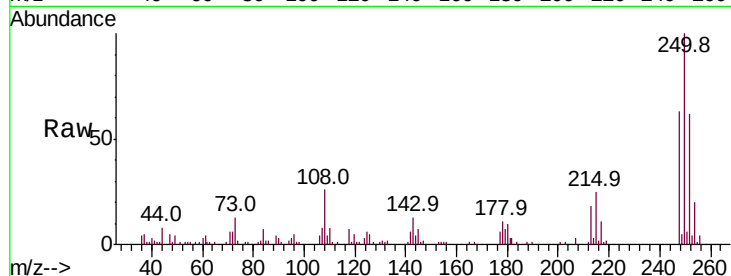
Tot Ion:250 Resp: 79495

Ion Ratio Lower Upper

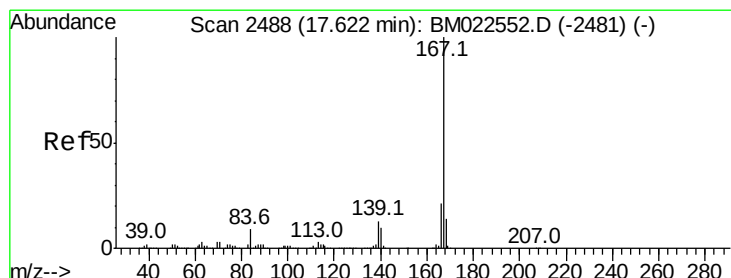
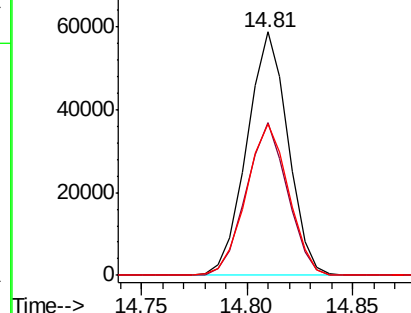
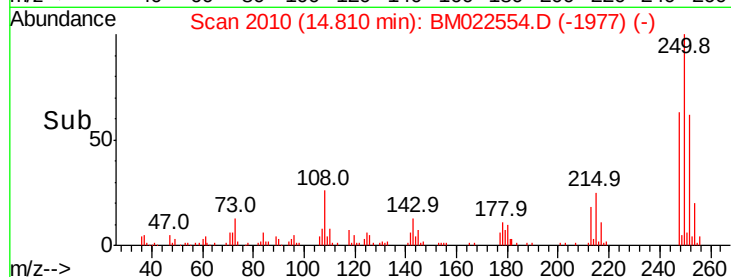
250 100

248 62.6 51.3 76.9

252 62.3 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: 3.792 ng/uL

RT: 17.62 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

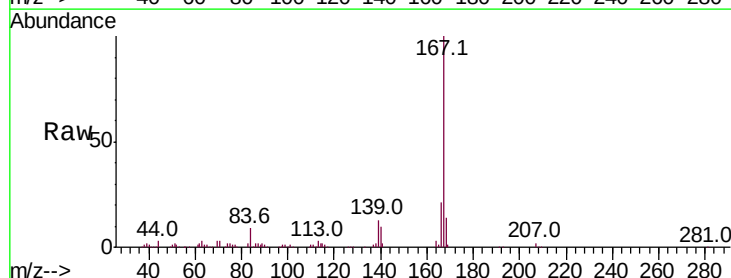
Tgt Ion:167 Resp: 297879

Ion Ratio Lower Upper

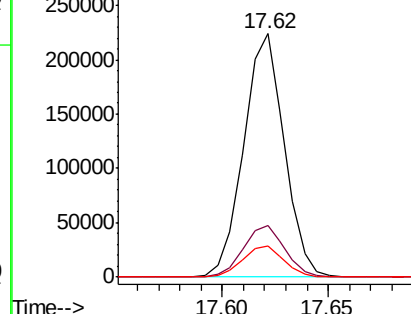
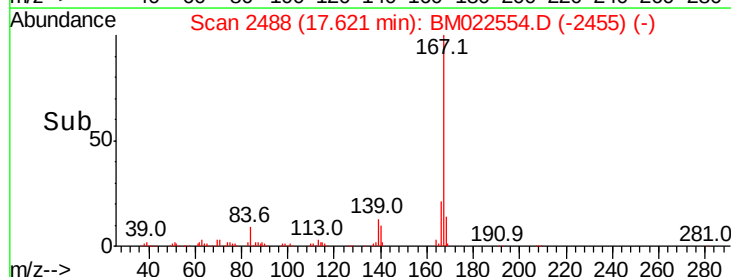
167 100

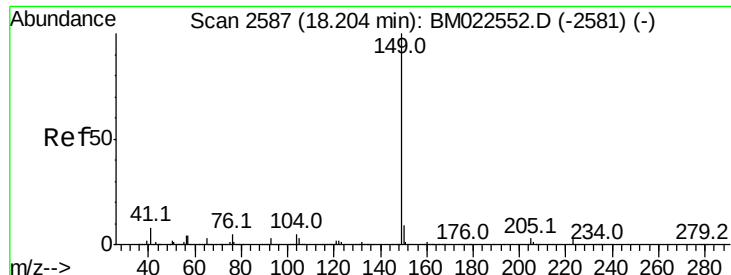
166 21.0 17.4 26.0

139 12.9 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

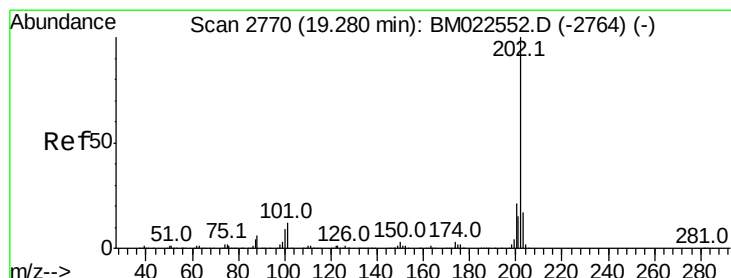
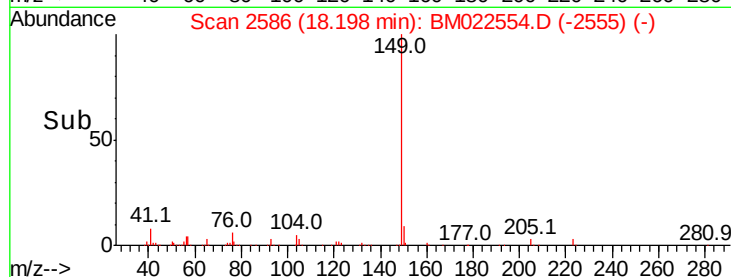
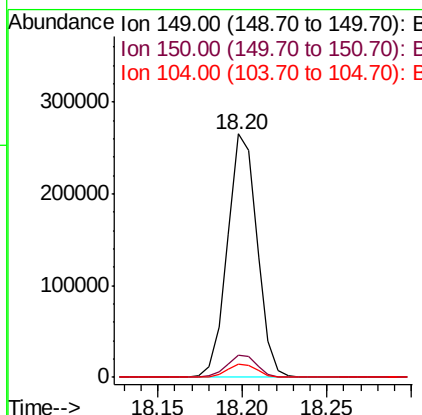
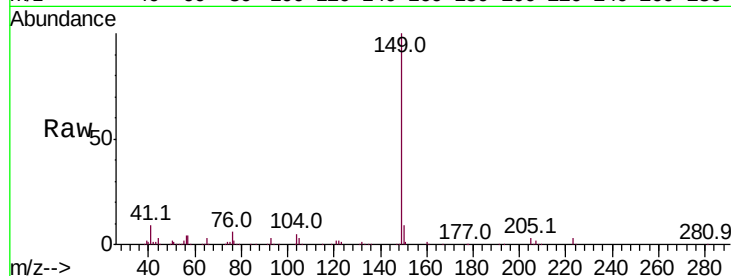




#76
Di-n-butylphthalate
Concen: 3.260 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

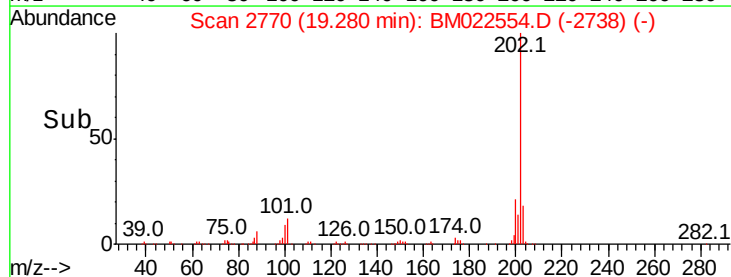
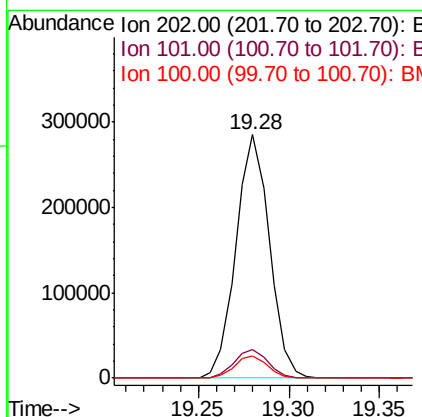
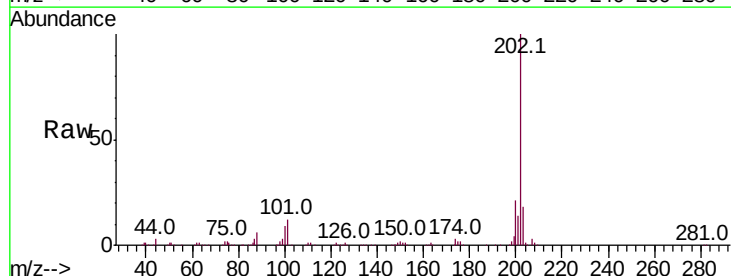
Instrument :
BNA_M
ClientSampleId :
MDL-W-01

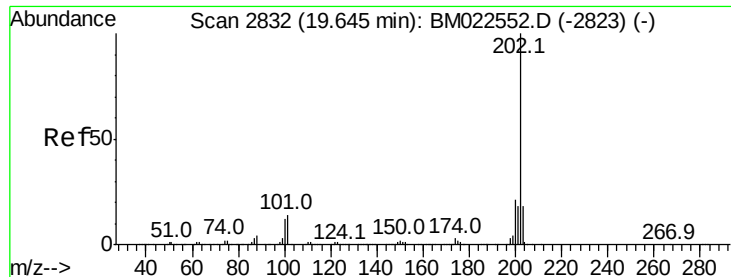
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.4	3.9	5.9



#77
Fluoranthene
Concen: 3.795 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.8	13.2
100	8.9	6.3	9.5

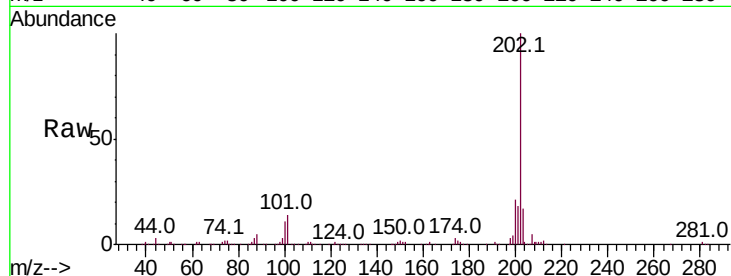




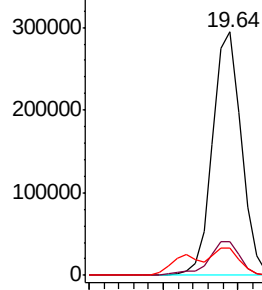
#80
Pvrene
Concen: 3.869 ng/ul
RT: 19.64 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

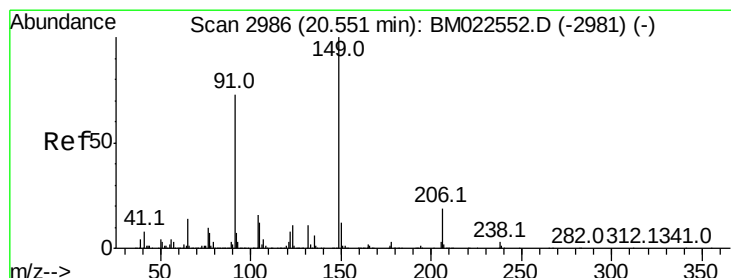
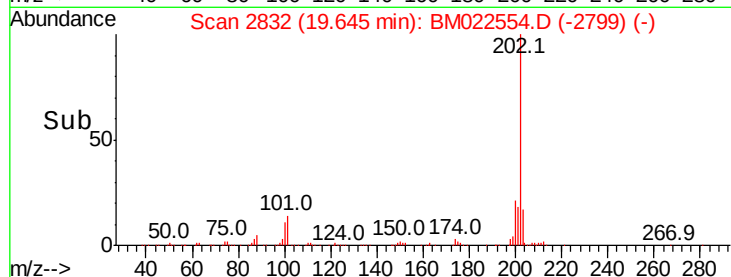
Tot Ion:	202	Resp:	393214
Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	16.0
100	11.3	8.6	13.0



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

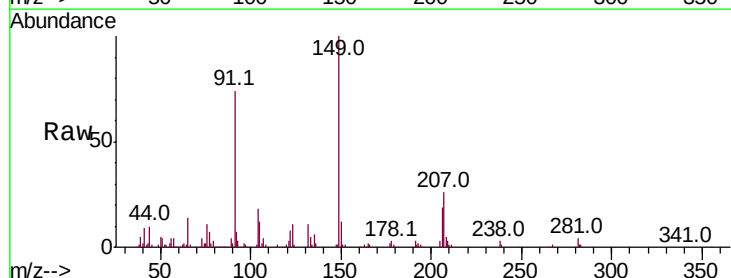


Time--> 19.55 19.60 19.65 19.70

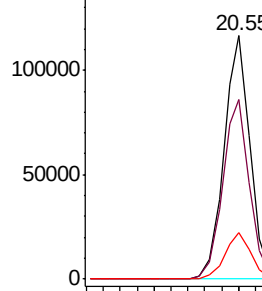


#81
Butylbenzylphthalate
Concen: 2.916 ng/ul
RT: 20.55 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

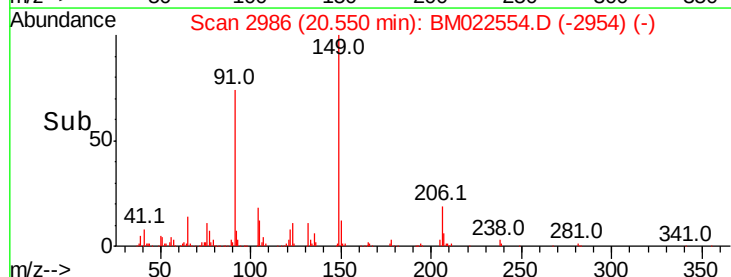
Tgt Ion:	149	Resp:	124922
Ion	Ratio	Lower	Upper
149	100		
91	73.7	55.4	83.0
206	19.3	17.0	25.4

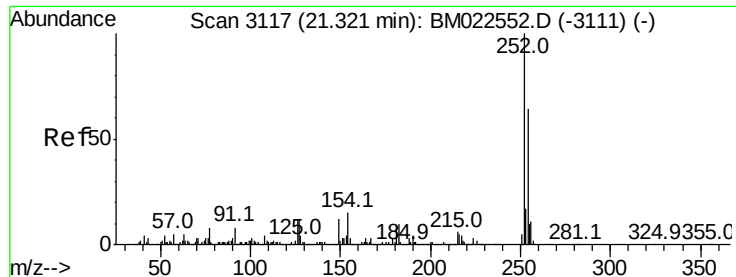


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E



Time--> 20.50 20.55 20.60





#82

3,3'-Dichlorobenzidine

Concen: 2.586 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

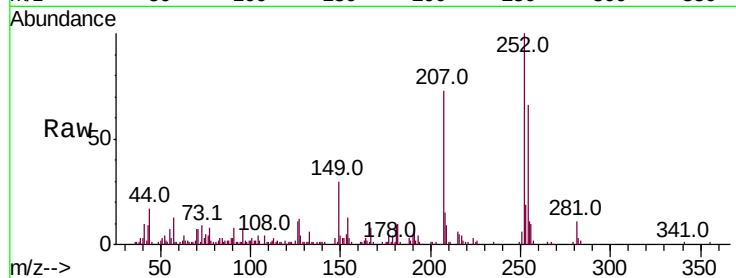
Tot Ion:252 Resp: 92357

Ion Ratio Lower Upper

252 100

254 66.3 51.2 76.8

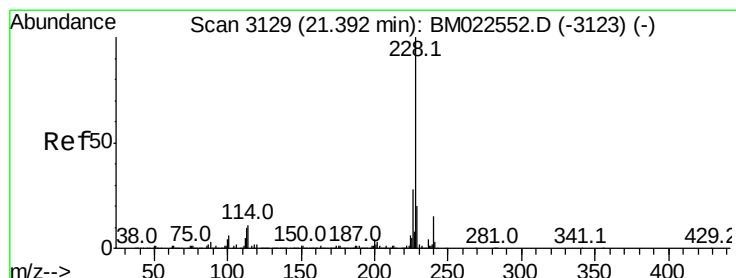
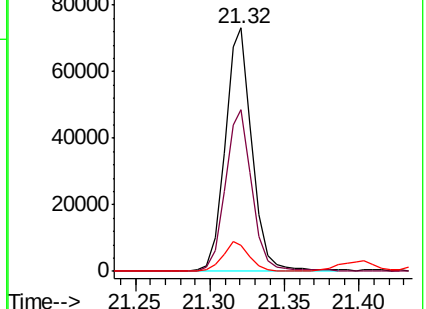
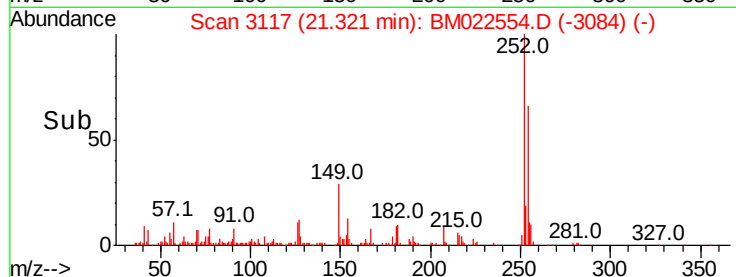
126 10.9 8.6 13.0



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: 3.810 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

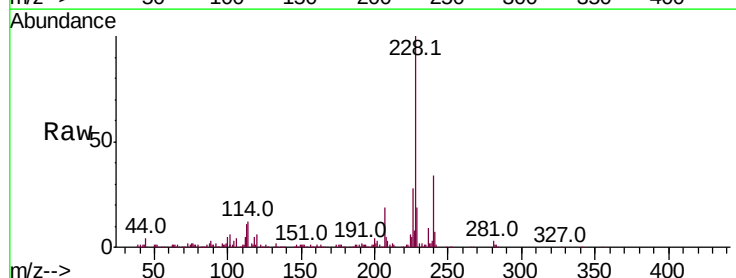
Tgt Ion:228 Resp: 396936

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

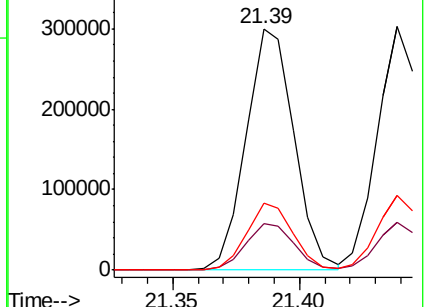
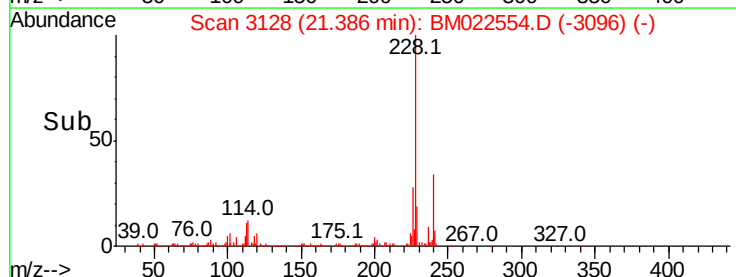
226 27.7 22.2 33.2

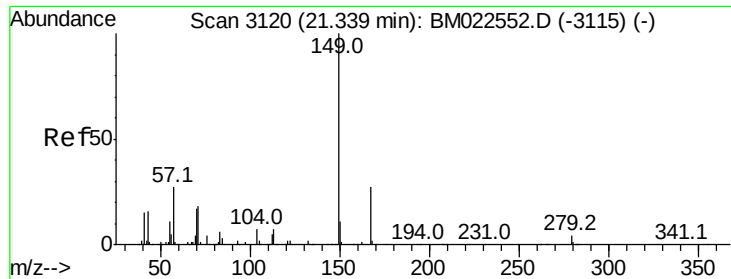


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

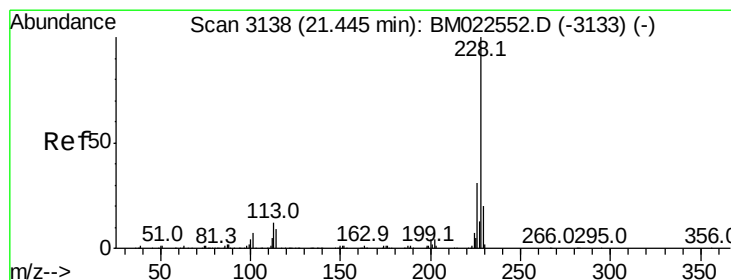
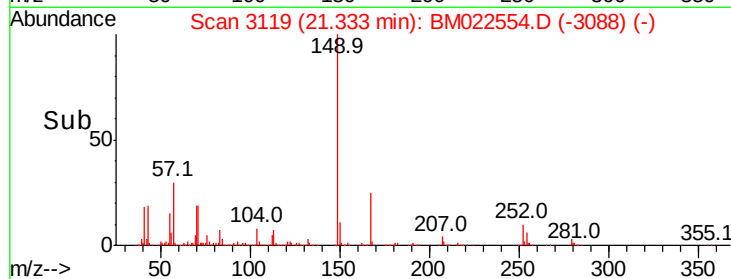
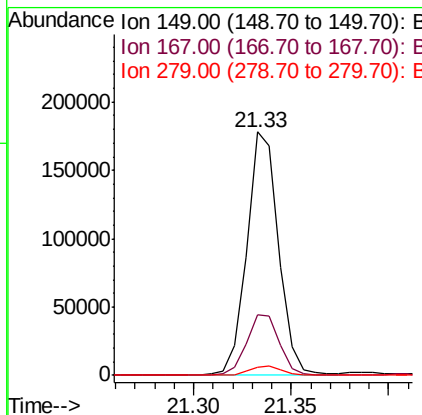
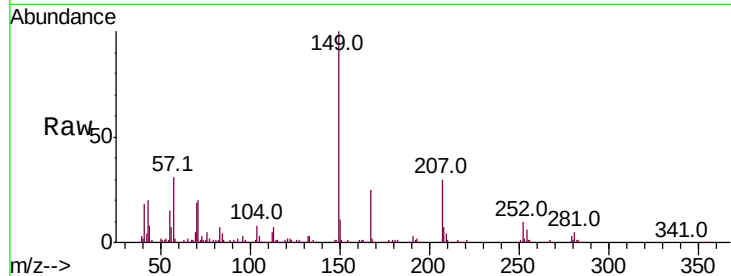




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.049 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

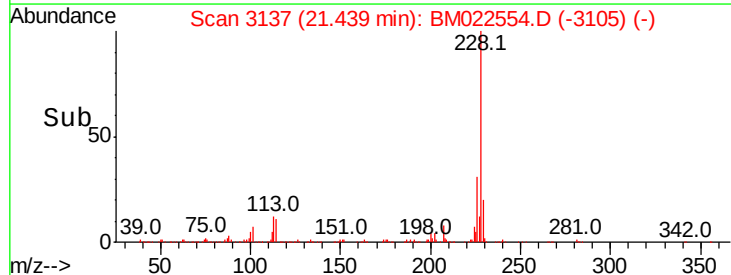
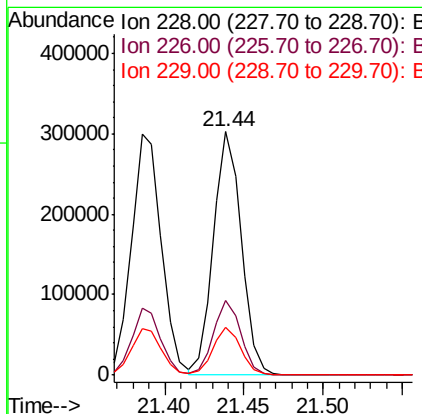
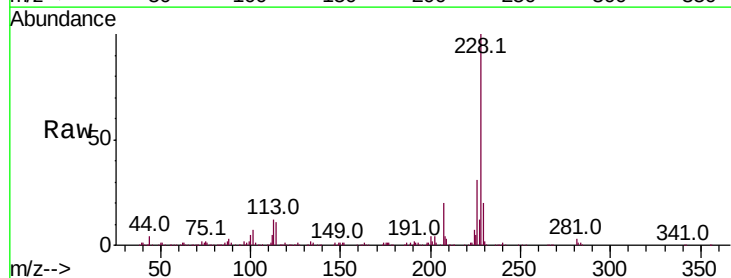
Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

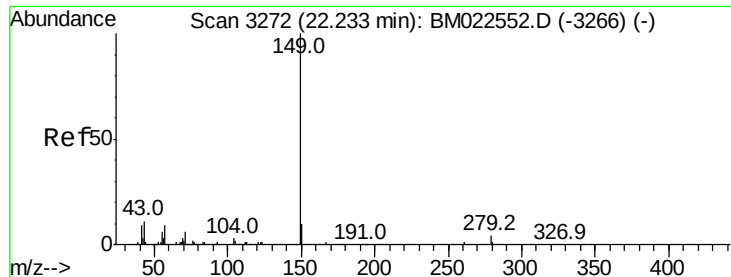
Tot Ion:149 Resp: 198258
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.7 32.5
 279 3.3 3.5 5.3#



#85
 Chrysene
 Concen: 3.881 ng/ul
 RT: 21.44 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BM022554.D
 Acq: 06 Sep 2019 16:19

Tgt Ion:228 Resp: 371984
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.4
 229 19.5 15.8 23.6





#87

Di-n-octyl phthalate

Concen: 2.619 ng/ul

RT: 22.23 min Scan# 3272

Delta R.T. -0.02 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

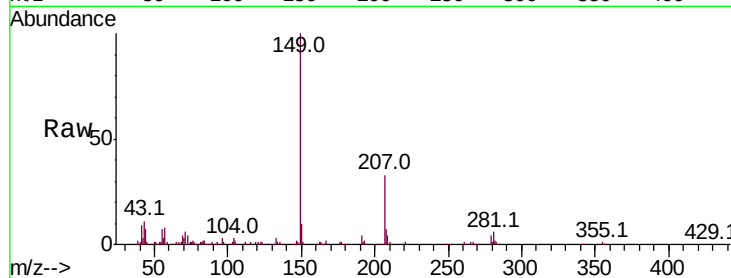
Instrument :

BNA_M

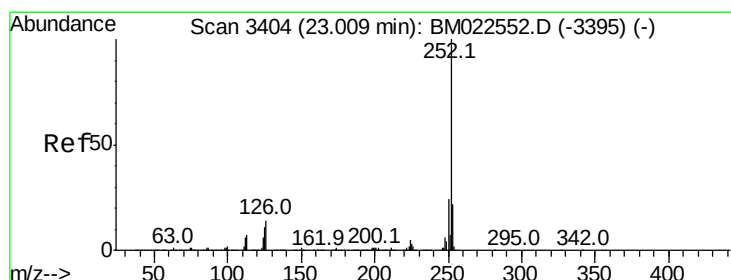
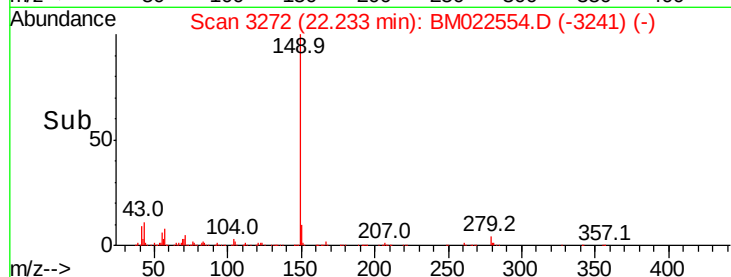
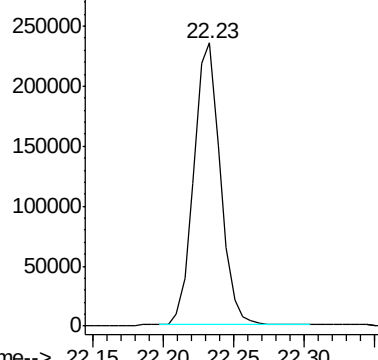
ClientSampleId :

MDL-W-01

Tgt Ion:149 Resp: 306645



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.588 ng/ul

RT: 23.00 min Scan# 3403

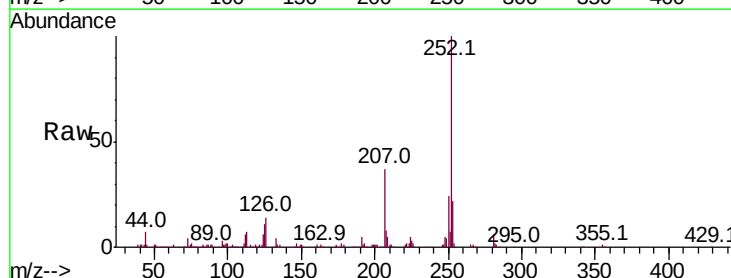
Delta R.T. -0.02 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Tgt Ion:252 Resp: 386131

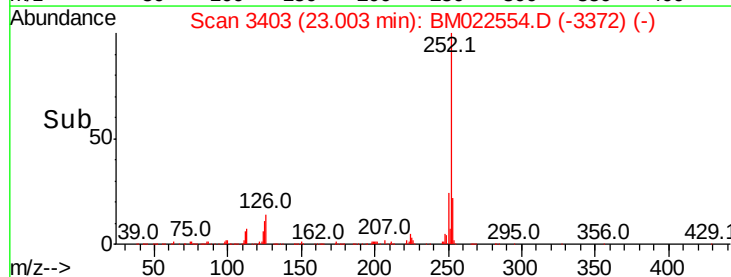
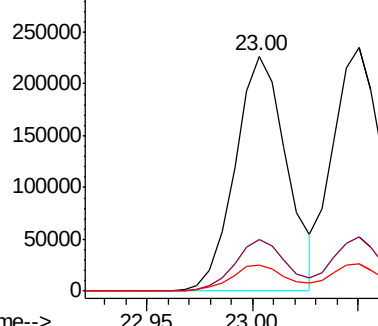
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.1	8.0	12.0

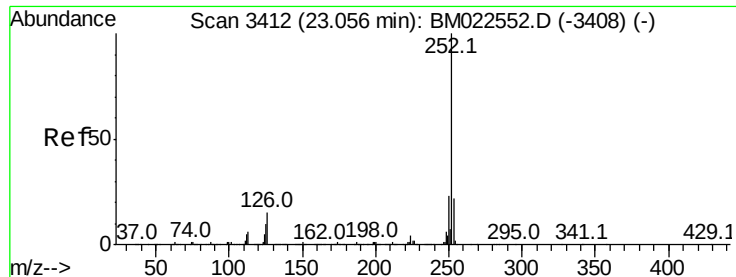


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

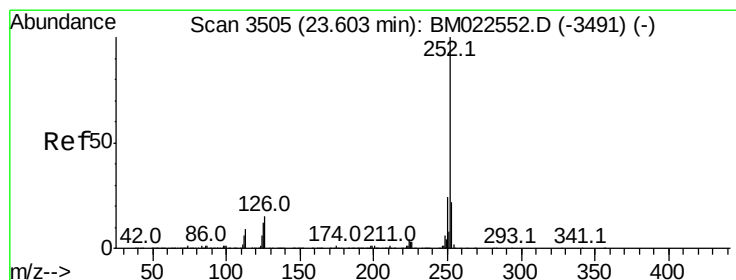
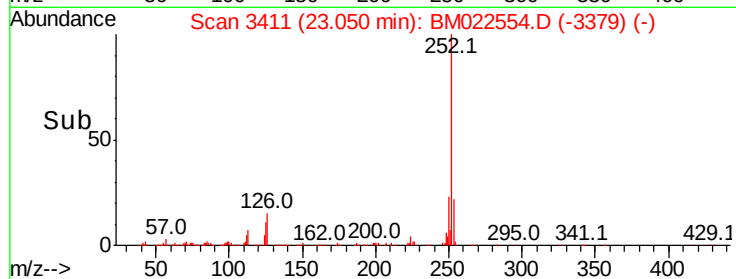
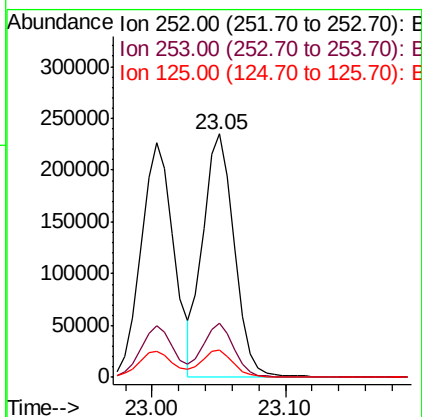
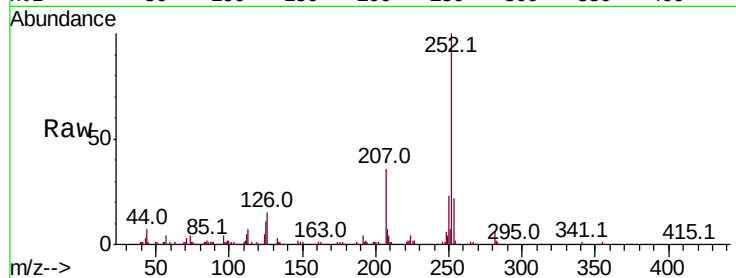




#89
Benzo(k)fluoranthene
Concen: 3.677 ng/ul
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

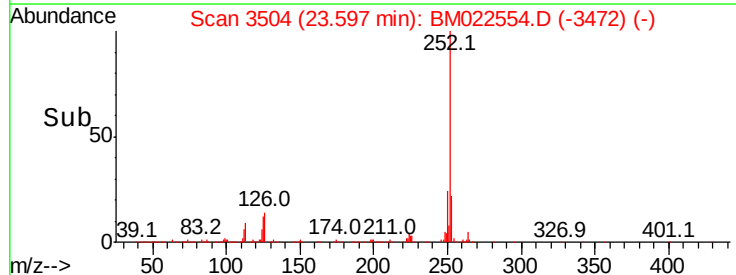
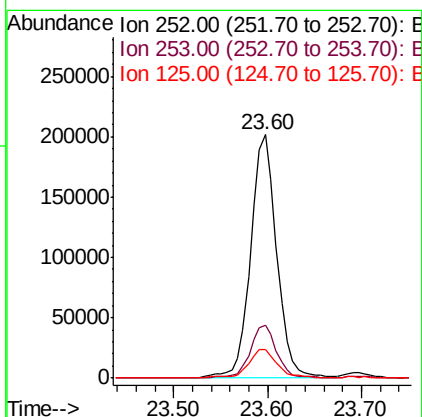
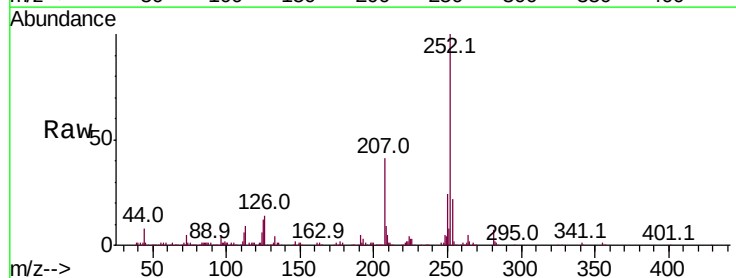
Instrument :
BNA_M
ClientSampleId :
MDL-W-01

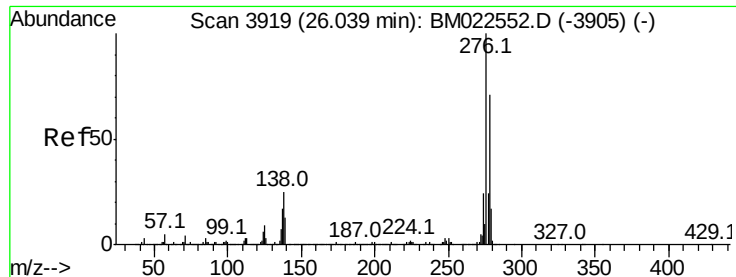
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.2	8.2	12.2



#91
Benzo(a)pyrene
Concen: 3.794 ng/ul
RT: 23.60 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.7	8.9	13.3



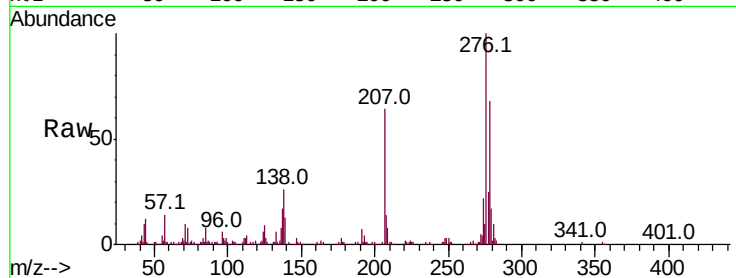


#92

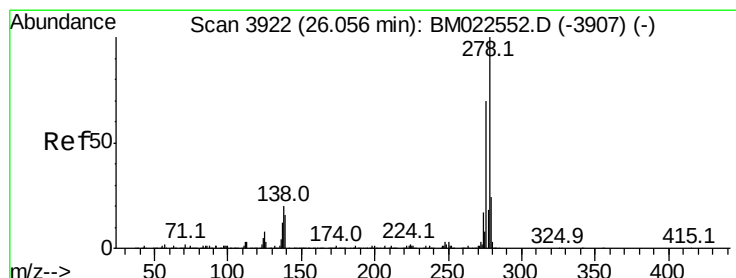
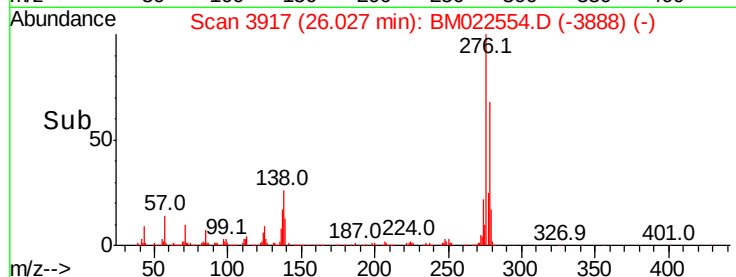
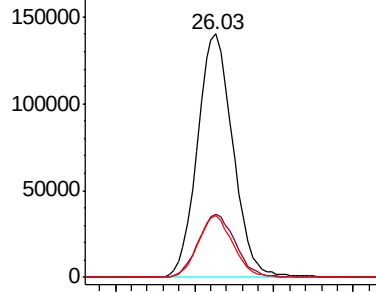
Indeno(1,2,3-cd)pyrene
Concen: 3.670 ng/ul
RT: 26.03 min Scan# 3917
Delta R.T. -0.03 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.2	28.8
277	25.3	19.8	29.8



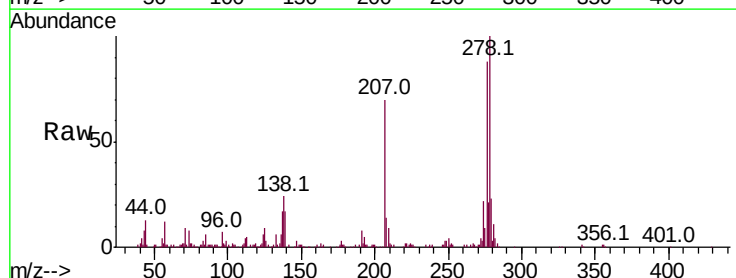
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



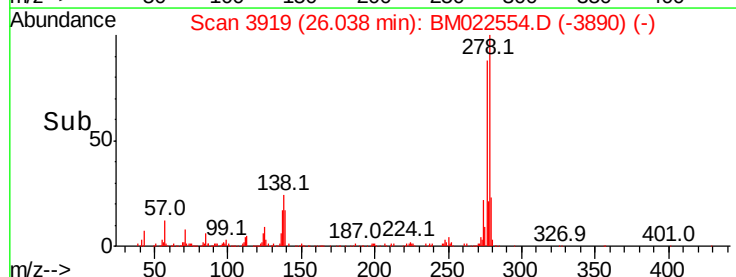
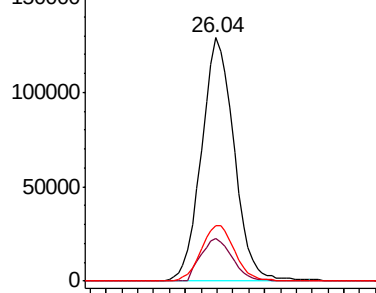
#93

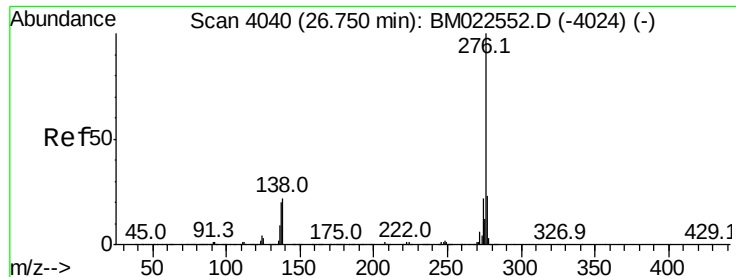
Dibenzo(a,h)anthracene
Concen: 3.717 ng/ul
RT: 26.04 min Scan# 3919
Delta R.T. -0.03 min
Lab File: BM022554.D
Acq: 06 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.3	19.9
279	22.8	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(a,h,i)perylene

Concen: 3.645 ng/ul

RT: 26.73 min Scan# 4037

Delta R.T. -0.04 min

Lab File: BM022554.D

Acq: 06 Sep 2019 16:19

Instrument :

BNA_M

ClientSampleId :

MDL-W-01

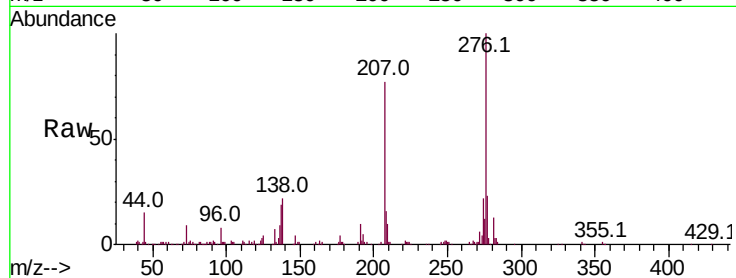
Tot Ion:276 Resp: 355142

Ion Ratio Lower Upper

276 100

138 21.5 17.0 25.6

277 22.7 18.8 28.2

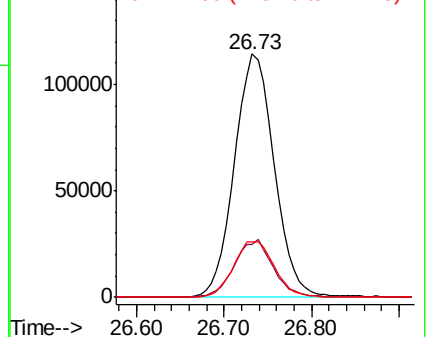
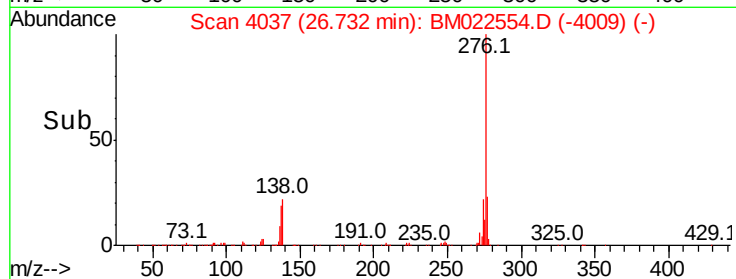


Abundance

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\BM090619\
 Data File : BM022554.D
 Acq On : 06 Sep 2019 16:19
 Operator : HP/JU
 Sample : MDL-W-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Quant Time: Sep 06 17:38:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 19:43:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	229254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1035731	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	664398	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1389450	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1404249	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1635679	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9939	1.81	ng/uL	0.00
5) Phenol-d5	7.01	99	531149	25.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	337238	27.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	430853	25.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	434584	25.28	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	204237	27.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	185587	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	411744	23.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	622387	26.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1426821	26.50	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1767390	27.42	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	233499	25.39	ng/ul	0.00
58) Fluorene-d10	15.48	176	1192904	26.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	141933	22.47	ng/ul	-0.01
71) Anthracene-d10	17.33	188	1883653	26.46	ng/ul	0.00
79) Pyrene-d10	19.62	212	2051730	26.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2211616	25.16	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.34	88	9451	1.707 ng/uL#	85
4) Benzaldehyde	7.00	77	36662	3.320 ng/ul	94
6) Phenol	7.04	94	82639	3.740 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.28	93	67462	4.020 ng/ul	98
10) 2-Chlorophenol	7.42	128	65693	3.742 ng/ul	97
11) 2-Methylphenol	8.29	108	59693	3.461 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	104095	4.217 ng/ul	99
14) Acetophenone	8.67	105	108247	4.035 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	56281	3.884 ng/ul	96
16) 4-Methylphenol	8.62	108	67501	3.625 ng/ul	96
17) Hexachloroethane	8.95	117	26631	3.829 ng/ul	94
20) Nitrobenzene	9.05	77	76808	4.108 ng/ul	99
21) Isophorone	9.58	82	155654	3.716 ng/ul	99
23) 2-Nitrophenol	9.76	139	31721	3.879 ng/ul	94
24) 2,4-Dimethylphenol	9.82	107	76001	3.707 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	93689	3.814 ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	63015	3.648 ng/ul	91
28) Naphthalene	10.70	128	221710	3.861 ng/ul	99
30) 4-Chloroaniline	10.80	127	89630	3.776 ng/ul	100
31) Hexachlorobutadiene	11.00	225	38010	3.572 ng/ul	98
32) Caprolactam	11.58	113	18630	2.898 ng/ul	87
33) 4-Chloro-3-methylphenol	11.92	107	65355	3.429 ng/ul	98
34) 2-Methylnaphthalene	12.32	142	165335	3.822 ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
 Data File : BM022554.D
 Acq On : 06 Sep 2019 16:19
 Operator : HP/JU
 Sample : MDL-W-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-01

Quant Time: Sep 06 17:38:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 19:43:58 2019
 Response via : Initial Calibration

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

35) 1-Methylnaphthalene	12.53	142	156871	3.795	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	77769	3.628	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	39521	2.990	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	41752	3.111	ng/ul	99
40) 2,4,5-Trichlorophenol	12.99	196	47888	3.291	ng/ul	97
41) 1,1'-Biphenyl	13.33	154	213014	3.850	ng/ul	98
42) 2-Chloronaphthalene	13.36	162	161388	3.853	ng/ul	99
43) 2-Nitroaniline	13.56	65	36000	3.681	ng/ul	95
45) Dimethylphthalate	13.95	163	212175	3.883	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	29634	3.331	ng/ul	93
48) Acenaphthylene	14.21	152	259953	3.888	ng/ul	100
49) 3-Nitroaniline	14.37	138	29126	3.019	ng/ul	90
50) Acenaphthene	14.55	153	178907	3.861	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	12589	3.084	ng/ul#	83
53) 4-Nitrophenol	14.67	109	29870	4.042	ng/ul	91
54) Dibenzofuran	14.89	168	251828	3.916	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	46989	3.605	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.11	232	38026	3.146	ng/ul#	97
57) Diethylphthalate	15.31	149	210762	3.728	ng/ul	100
59) Fluorene	15.53	166	208823	3.947	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	100307	3.831	ng/ul	97
61) 4-Nitroaniline	15.53	138	33088	3.010	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	23140	3.166	ng/ul#	69
65) N-Nitrosodiphenylamine	15.74	169	177873	3.751	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	59886	3.450	ng/ul	93
67) Hexachlorobenzene	16.54	284	69525	3.634	ng/ul	100
68) Atrazine	16.69	200	57605	3.160	ng/ul	98
69) Pentachlorophenol	16.87	266	27739	2.628	ng/ul	99
70) Phenanthrene	17.27	178	327592	3.851	ng/ul	100
72) Anthracene	17.36	178	335574	3.840	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	77288	3.573	ng/uL	99
74) Pentachlorobenzene	14.81	250	79495	3.646	ng/uL	98
75) Carbazole	17.62	167	297879	3.792	ng/ul	99
76) Di-n-butylphthalate	18.20	149	324329	3.260	ng/ul	99
77) Fluoranthene	19.28	202	366409	3.795	ng/ul	98
80) Pvrene	19.64	202	393214	3.869	ng/ul	99
81) Butylbenzylphthalate	20.55	149	124922	2.916	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.32	252	92357	2.586	ng/ul	97
83) Benzo(a)anthracene	21.39	228	396936	3.810	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.33	149	198258	3.049	ng/ul#	96
85) Chrysene	21.44	228	371984	3.881	ng/ul	100
87) Di-n-octyl phthalate	22.23	149	306645	2.619	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	386131	3.588	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	384558	3.677	ng/ul	98
91) Benzo(a)pyrene	23.60	252	389590	3.794	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	435280	3.670	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	366889	3.717	ng/ul	98
94) Benzo(a,h,i)perylene	26.73	276	355142	3.645	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022554.D
Acq On : 06 Sep 2019 16:19
Operator : HP/JU
Sample : MDL-W-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Quant Time: Sep 06 17:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

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

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