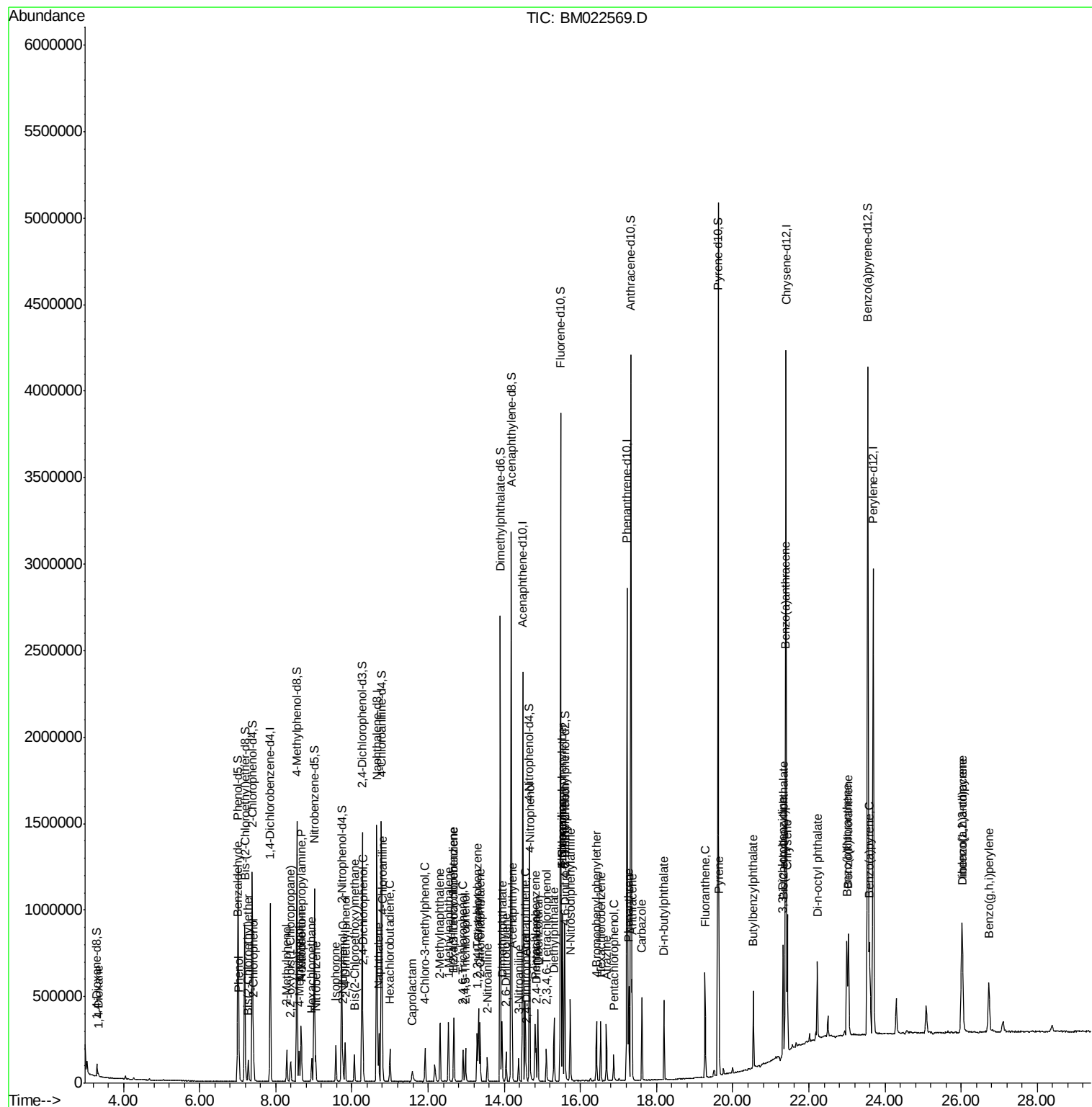
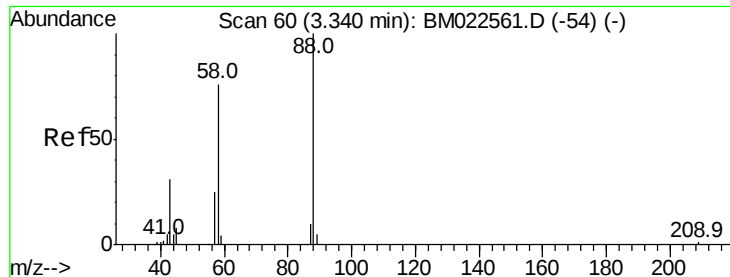


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022569.D
Acq On : 07 Sep 2019 01:28
Operator : HP/JU
Sample : MDL-S-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-07

Quant Time: Sep 08 01:35:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 06 23:41:25 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.434 ng/uL

RT: 3.34 min Scan# 60

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

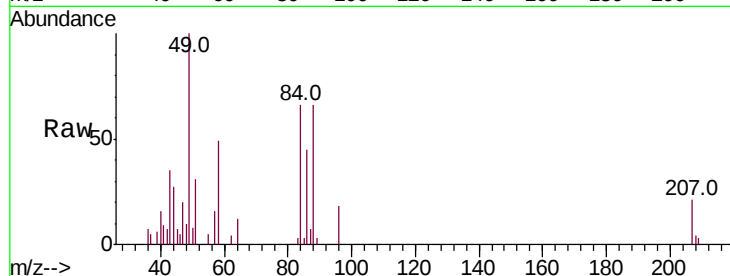
Tot Ion: 88 Resp: 9214

Ion Ratio Lower Upper

88 100

43 52.0 37.9 56.9

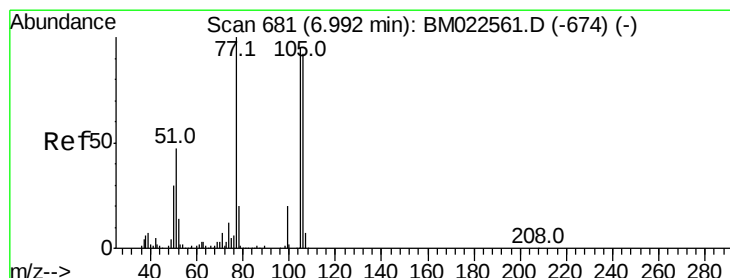
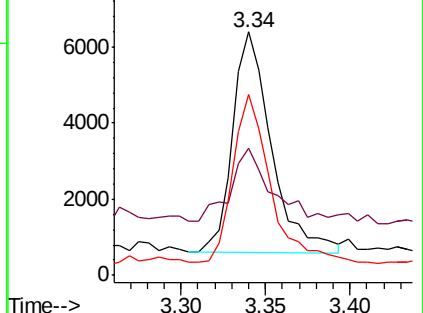
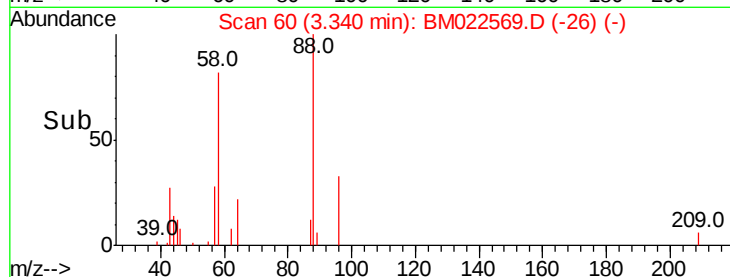
58 74.5 59.4 89.0



Abundance Ion 88.00 (87.70 to 88.70): BM022561.D (-54) (-)

Ion 43.00 (42.70 to 43.70): BM022561.D (-54) (-)

Ion 58.00 (57.70 to 58.70): BM022561.D (-54) (-)



#4

Benzaldehyde

Concen: 2.845 ng/uL

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

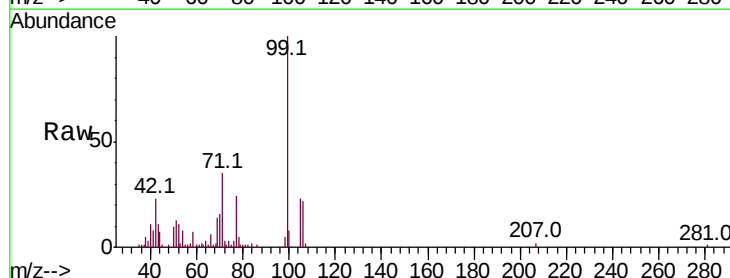
Tgt Ion: 77 Resp: 36473

Ion Ratio Lower Upper

77 100

105 93.1 79.0 118.6

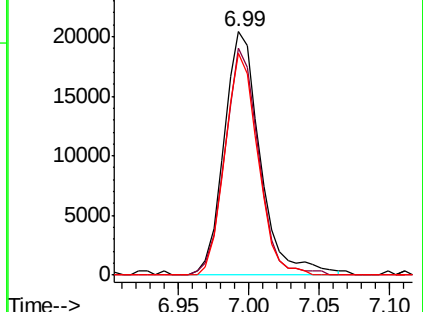
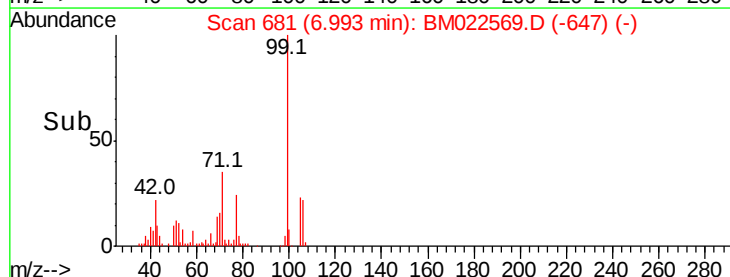
106 91.2 75.1 112.7

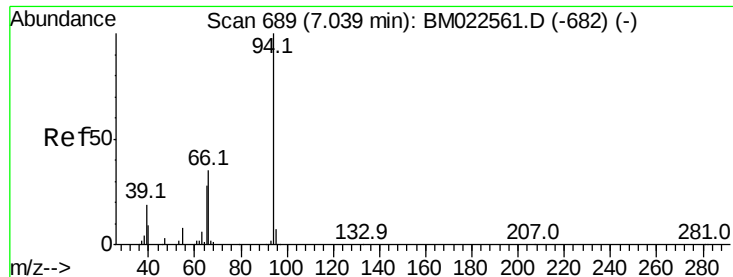


Abundance Ion 77.00 (76.70 to 77.70): BM022561.D (-674) (-)

Ion 105.00 (104.70 to 105.70): BM022561.D (-674) (-)

Ion 106.00 (105.70 to 106.70): BM022561.D (-674) (-)





#6

Phenol

Concen: 3.200 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

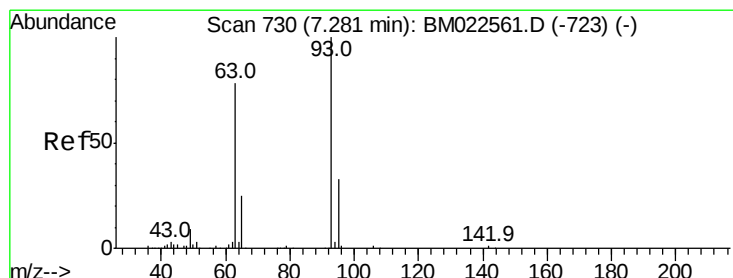
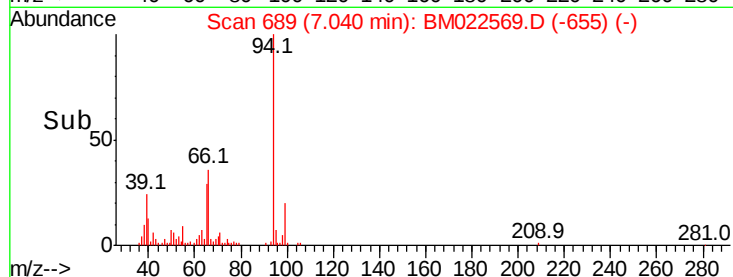
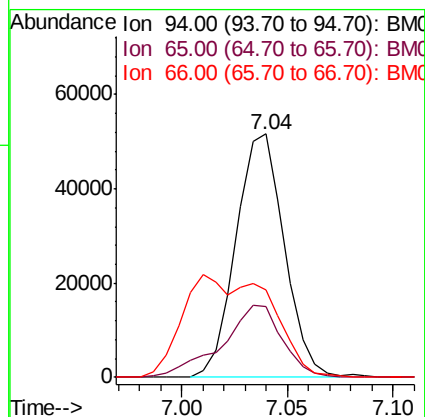
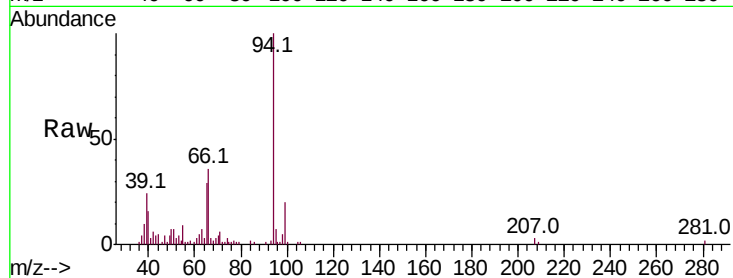
Tot Ion: 94 Resp: 82091

Ion Ratio Lower Upper

94 100

65 29.0 22.8 34.2

66 35.9 29.1 43.7



#8

Bis(2-Chloroethyl)ether

Concen: 3.380 ng/ul

RT: 7.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

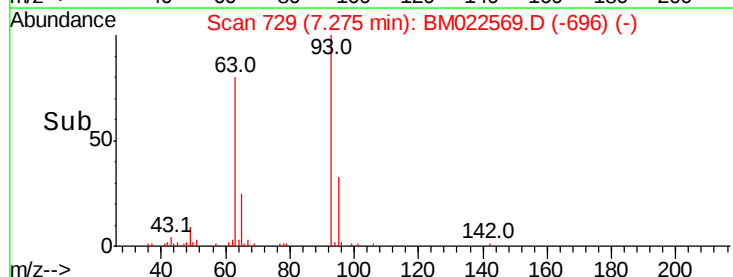
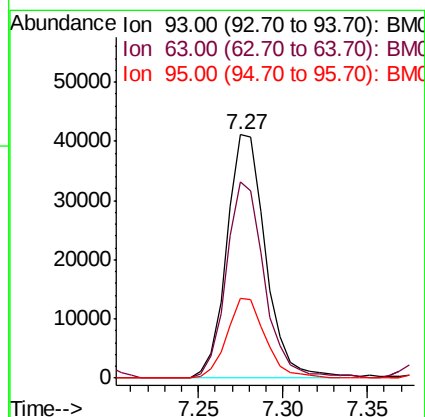
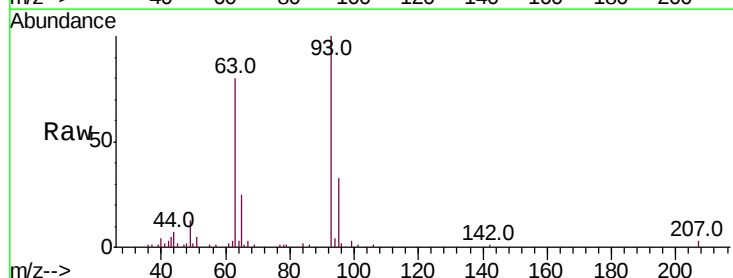
Tgt Ion: 93 Resp: 65861

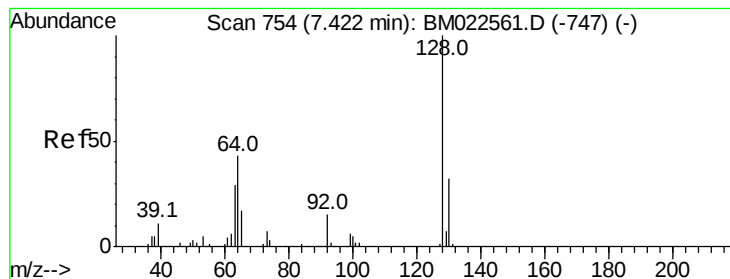
Ion Ratio Lower Upper

93 100

63 80.4 62.2 93.2

95 32.9 26.6 39.8





#10

2-Chlorophenol

Concen: 3.211 ng/ul

RT: 7.42 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

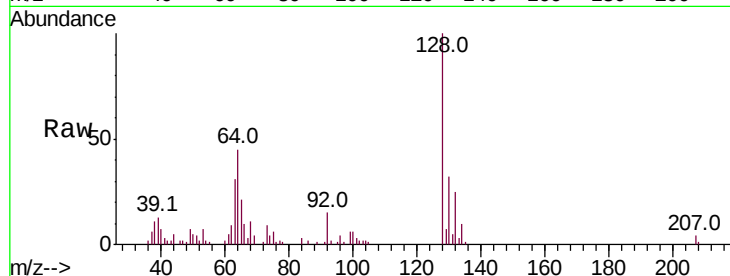
Tot Ion:128 Resp: 65457

Ion Ratio Lower Upper

128 100

64 45.5 36.0 54.0

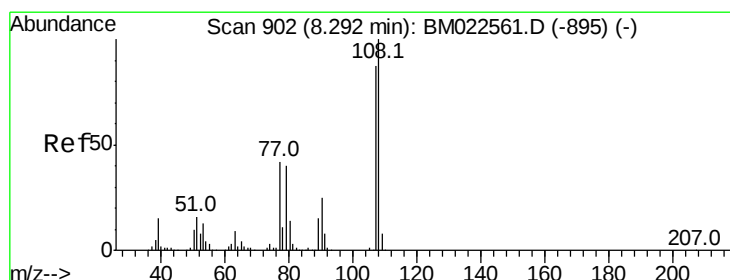
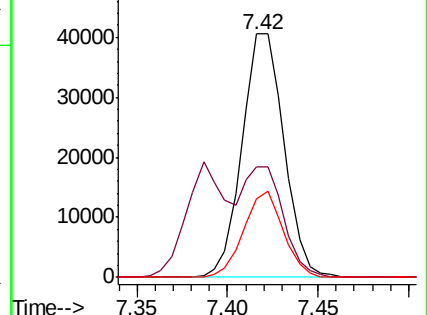
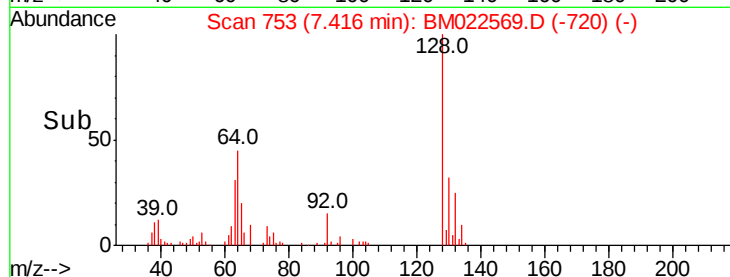
130 32.2 26.1 39.1



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: 2.905 ng/ul

RT: 8.29 min Scan# 901

Delta R.T. -0.01 min

Lab File: BM022569.D

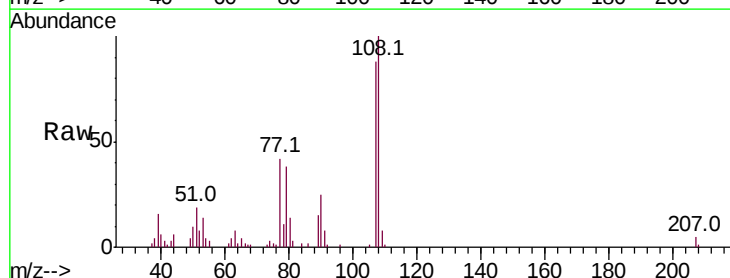
Acq: 07 Sep 2019 01:28

Tgt Ion:108 Resp: 58161

Ion Ratio Lower Upper

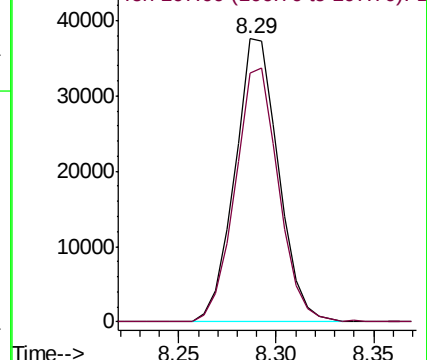
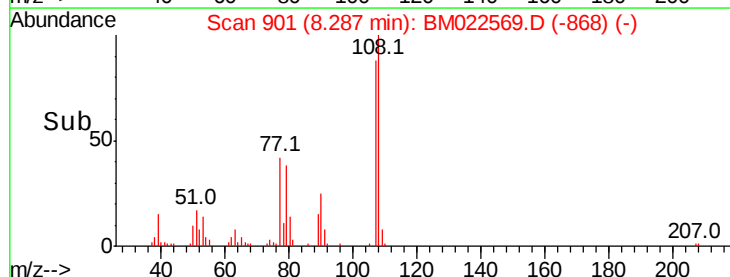
108 100

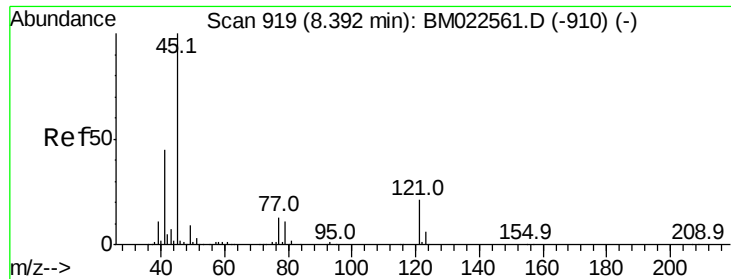
107 88.0 70.7 106.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

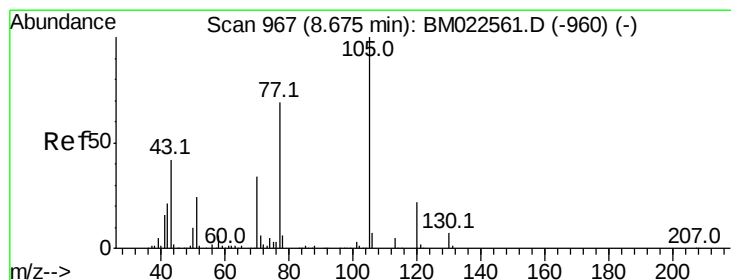
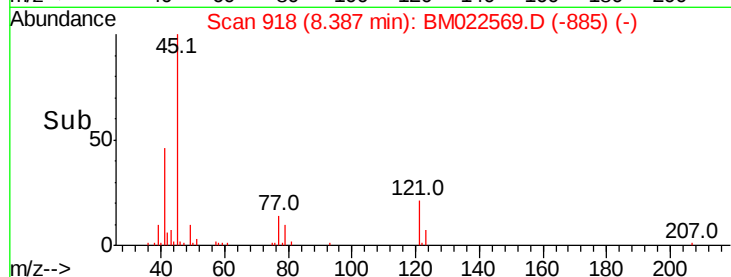
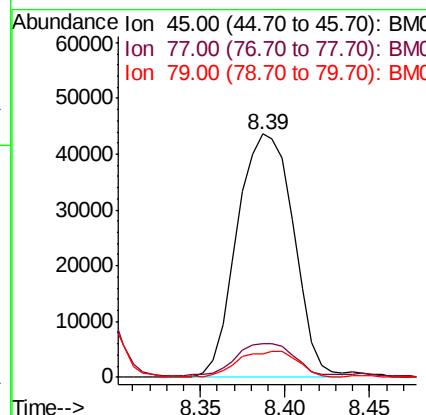
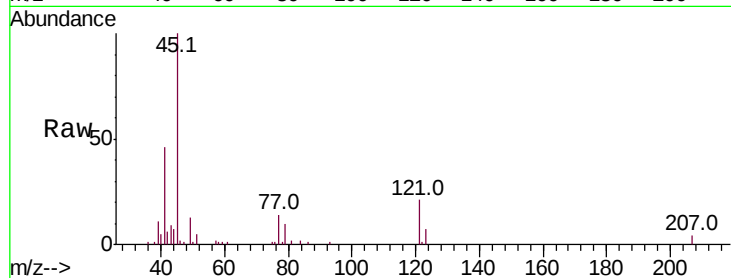




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.537 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

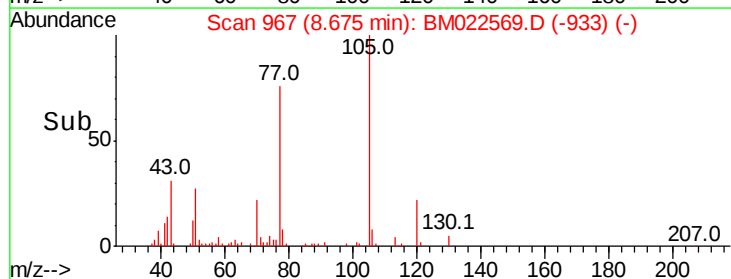
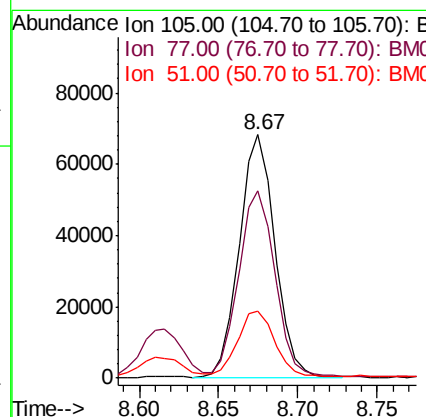
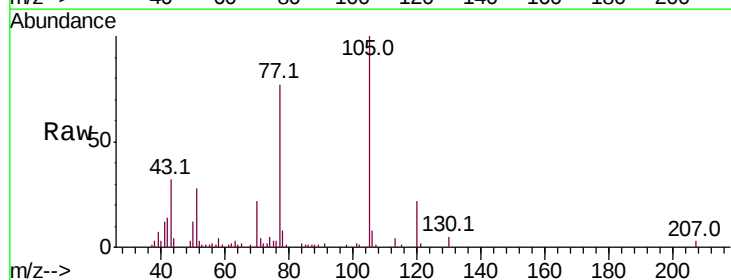
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

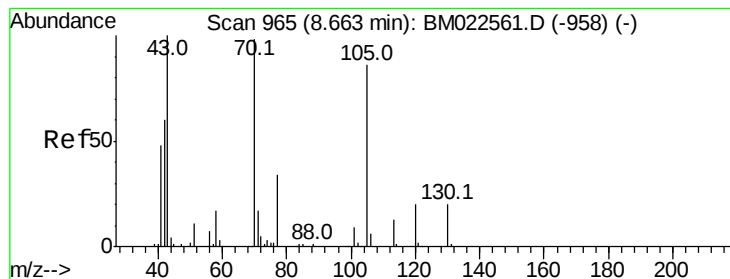
Tot Ion: 45 Resp: 101377
Ion Ratio Lower Upper
45 100
77 14.1 11.6 17.4
79 9.9 9.0 13.6



#14
Acetophenone
Concen: 3.442 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion: 105 Resp: 107226
Ion Ratio Lower Upper
105 100
77 76.9 62.1 93.1
51 27.8 21.8 32.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.223 ng/ul

RT: 8.66 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

Tot Ion: 70 Resp: 54229

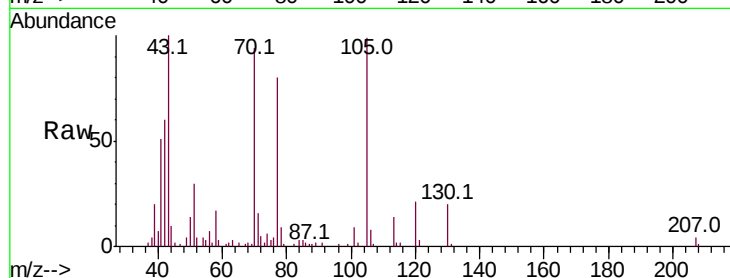
Ion Ratio Lower Upper

70 100

42 64.2 48.3 72.5

101 9.4 8.2 12.2

130 20.8 18.1 27.1

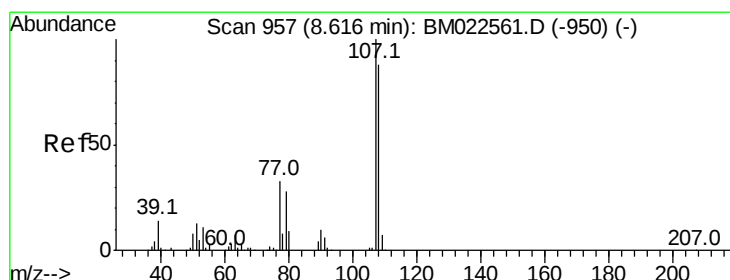
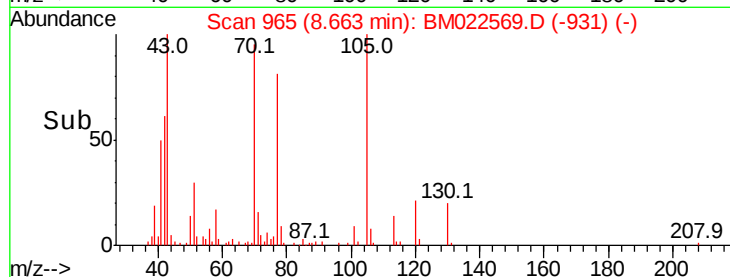
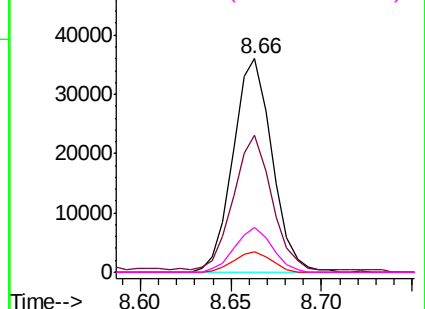


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 3.074 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM022569.D

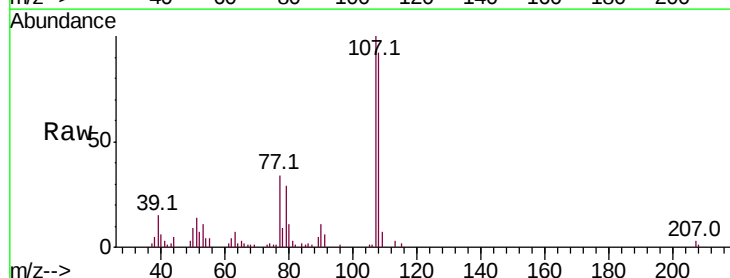
Acq: 07 Sep 2019 01:28

Tgt Ion: 108 Resp: 66460

Ion Ratio Lower Upper

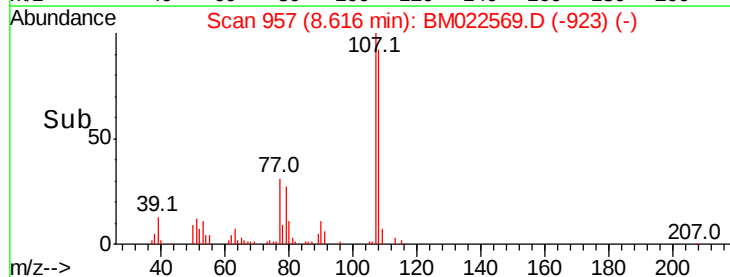
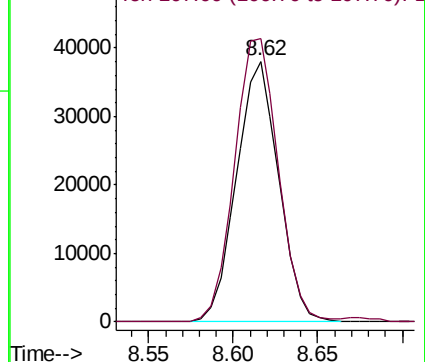
108 100

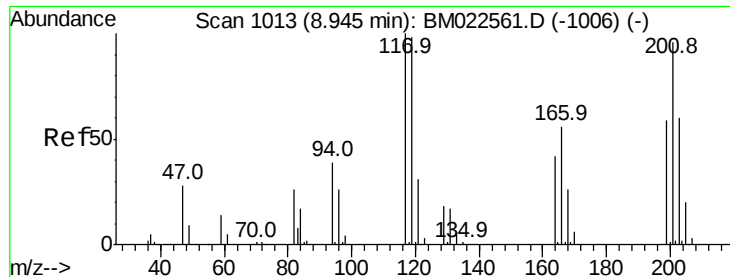
107 108.6 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

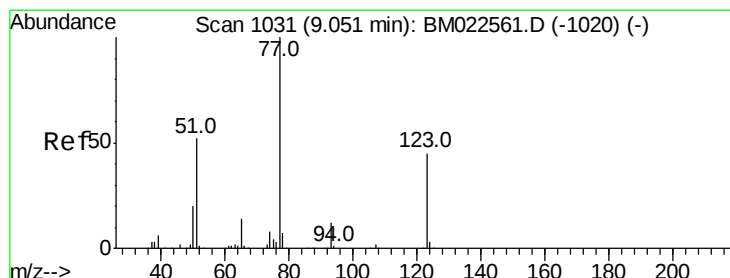
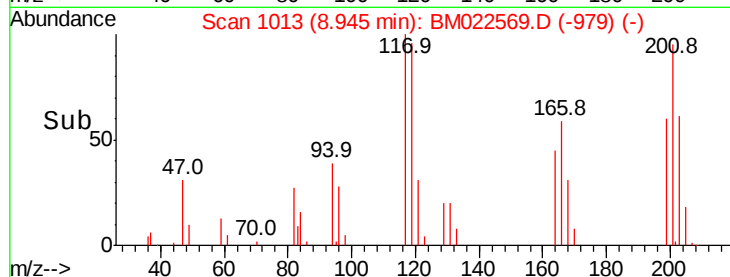
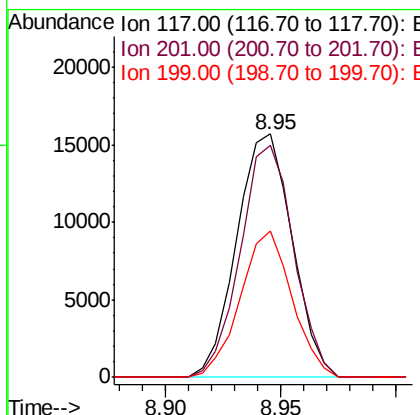
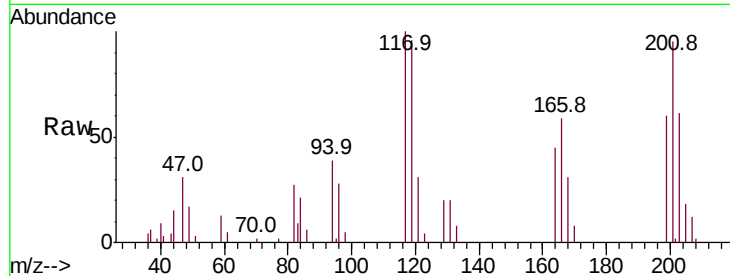




#17
 Hexachloroethane
 Concen: 3.251 ng/ul
 RT: 8.95 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

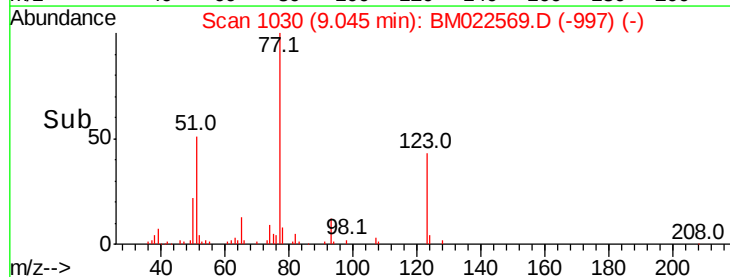
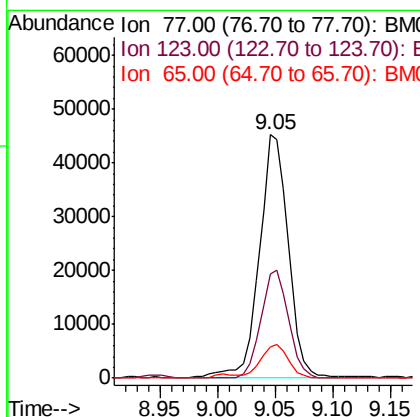
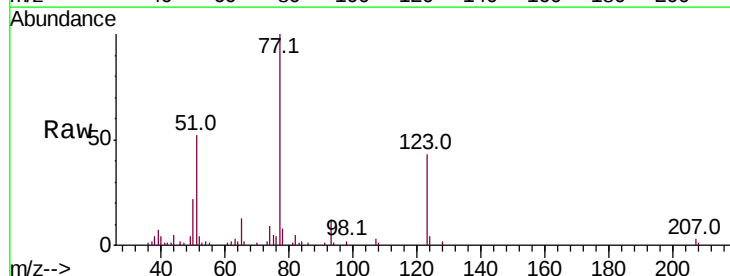
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

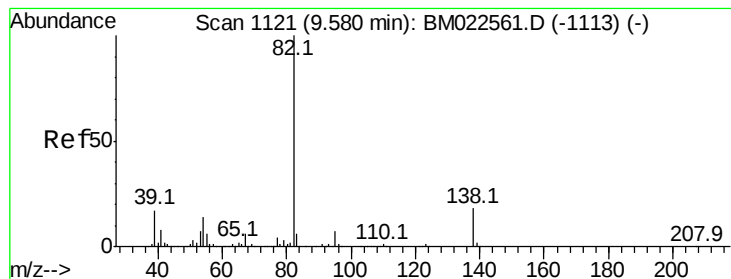
Tot Ion:117 Resp: 26250
 Ion Ratio Lower Upper
 117 100
 201 95.4 77.6 116.4
 199 60.2 47.6 71.4



#20
 Nitrobenzene
 Concen: 3.686 ng/ul
 RT: 9.05 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion: 77 Resp: 79888
 Ion Ratio Lower Upper
 77 100
 123 42.8 35.8 53.6
 65 12.9 10.5 15.7





#21

Isophorone

Concen: 3.046 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

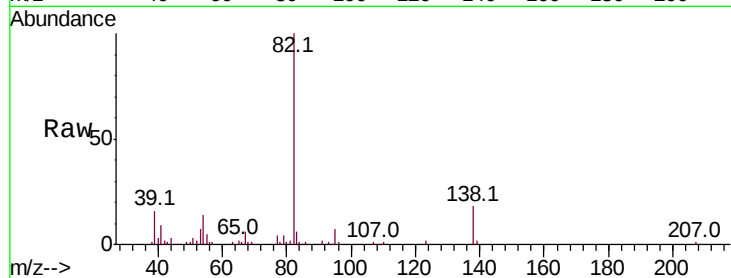
Tot Ion: 82 Resp: 147942

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

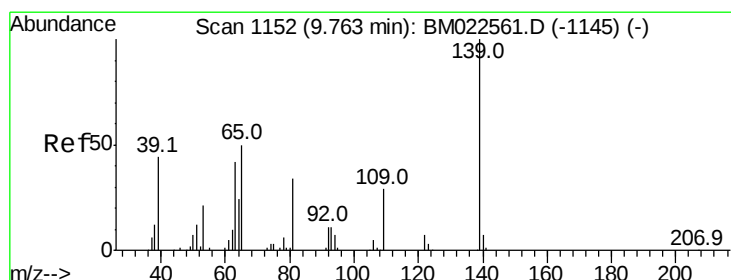
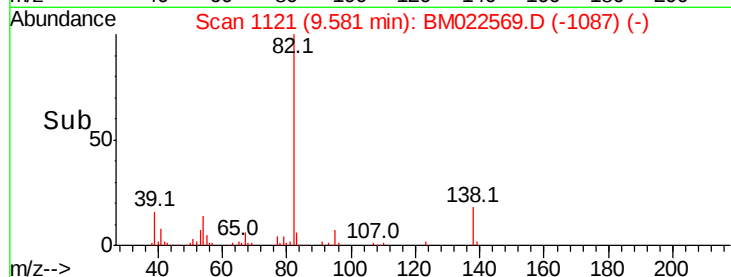
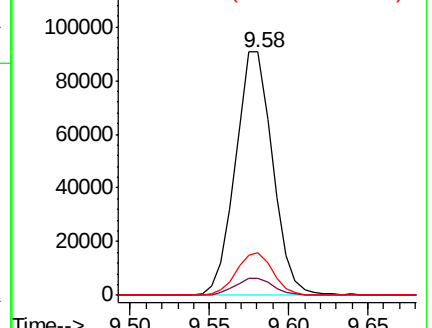
138 17.6 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BM022561.D (-1113) (-)

Ion 95.00 (94.70 to 95.70): BM022569.D (-1087) (-)

Ion 138.00 (137.70 to 138.70): BM022569.D (-1087) (-)



#23

2-Nitrophenol

Concen: 3.292 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

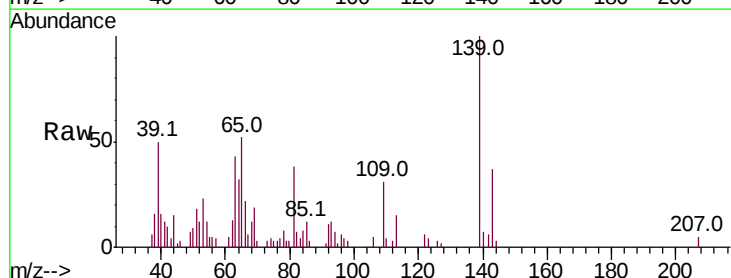
Tgt Ion: 139 Resp: 31219

Ion Ratio Lower Upper

139 100

65 51.8 39.3 58.9

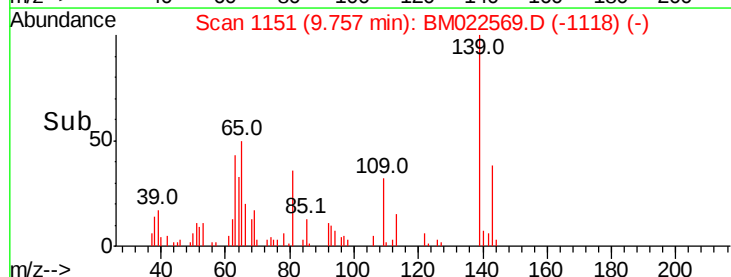
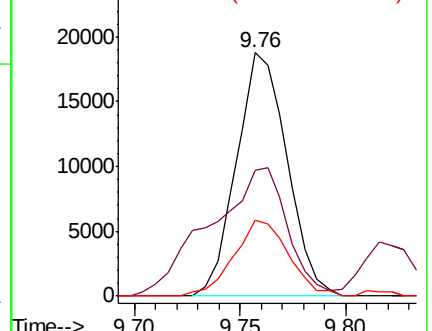
109 31.4 23.5 35.3

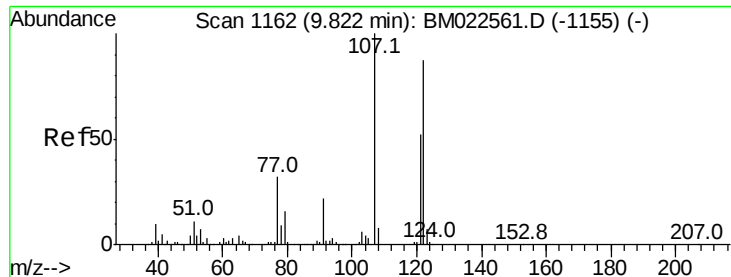


Abundance Ion 139.00 (138.70 to 139.70): BM022561.D (-1145) (-)

Ion 65.00 (64.70 to 65.70): BM022569.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM022569.D (-1087) (-)





#24

2,4-Dimethylphenol

Concen: 3.063 ng/ul

RT: 9.82 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

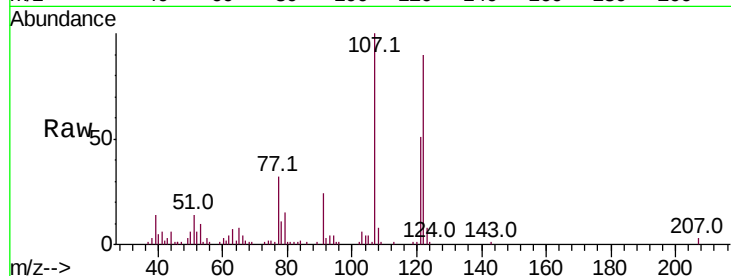
Tot Ion:107 Resp: 72819

Ion Ratio Lower Upper

107 100

121 50.7 40.2 60.4

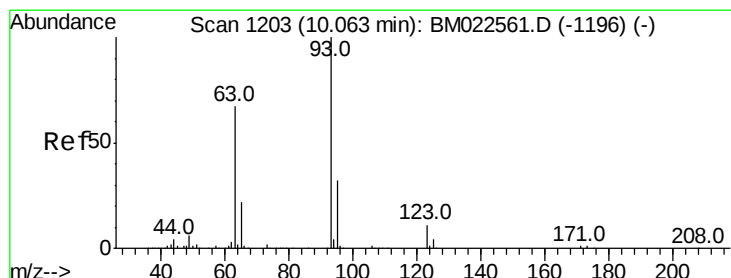
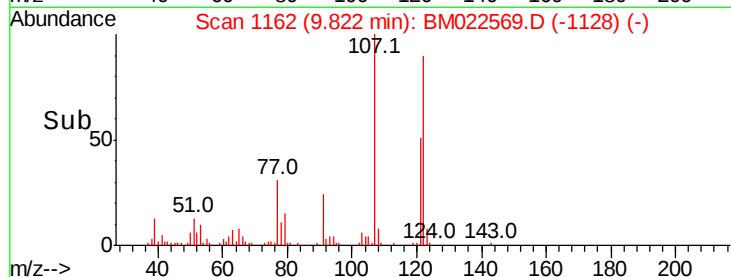
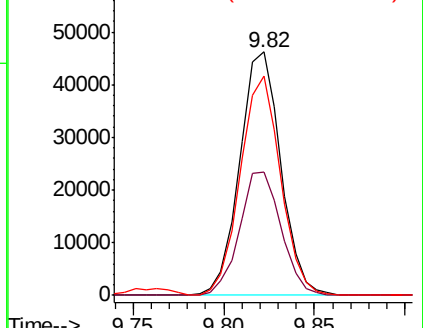
122 90.3 70.2 105.2



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: 3.233 ng/ul

RT: 10.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

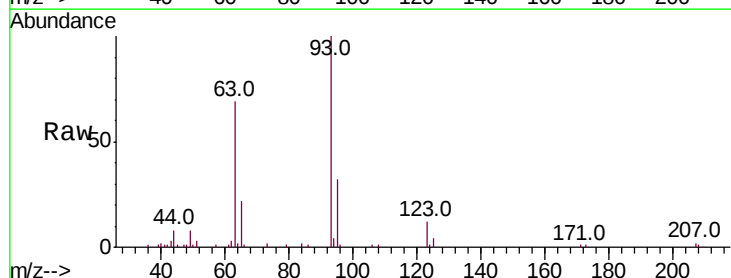
Tgt Ion: 93 Resp: 92070

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

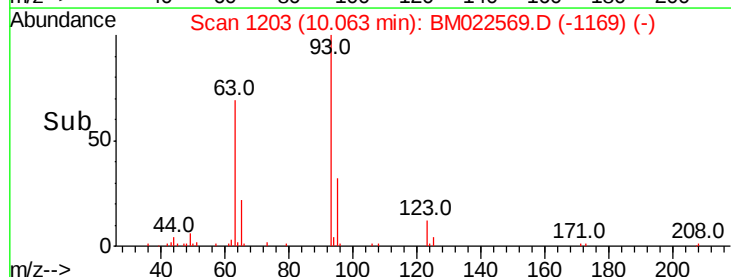
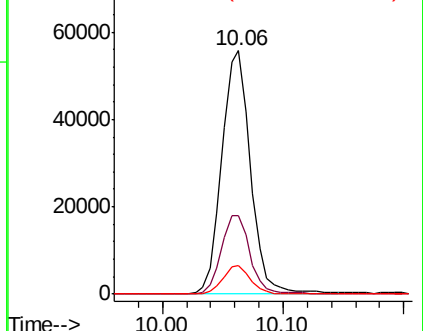
123 12.0 9.2 13.8

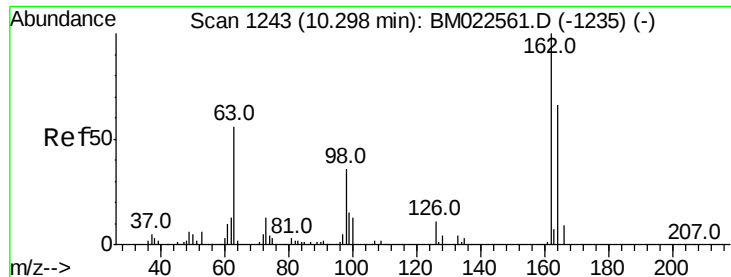


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

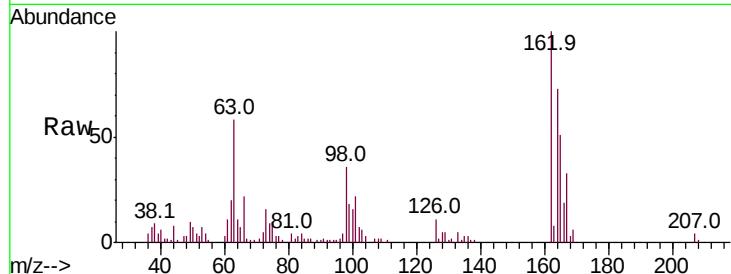




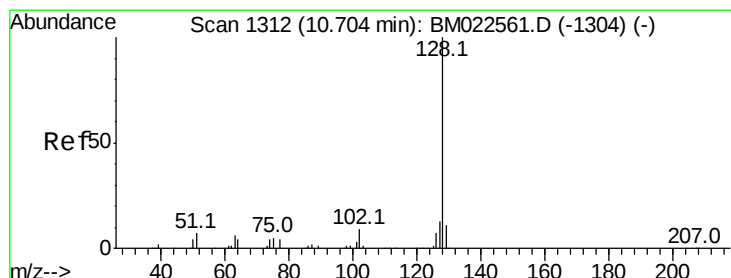
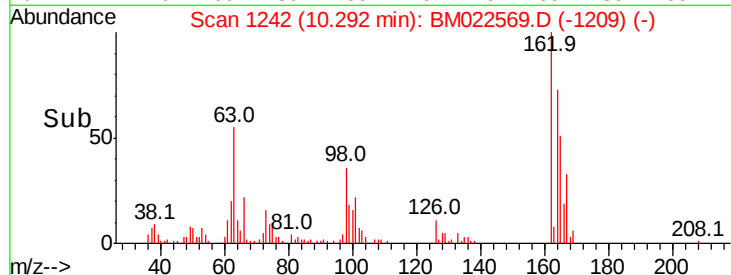
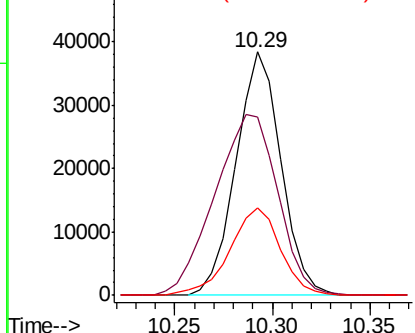
#27
 2,4-Dichlorophenol
 Concen: 3.070 ng/ul
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Tot Ion:162 Resp: 61477
 Ion Ratio Lower Upper
 162 100
 164 73.1 52.1 78.1
 98 35.7 28.9 43.3

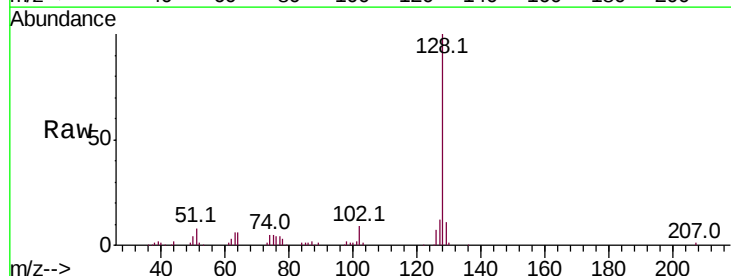


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

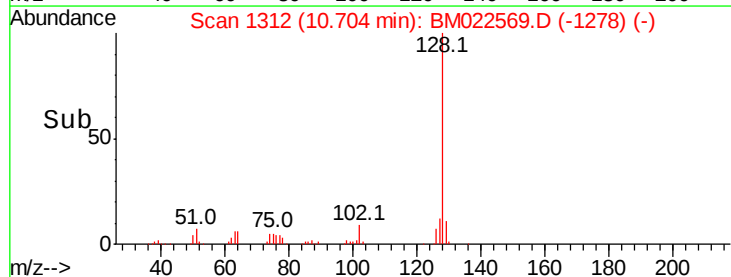
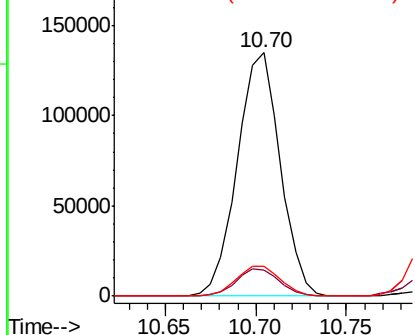


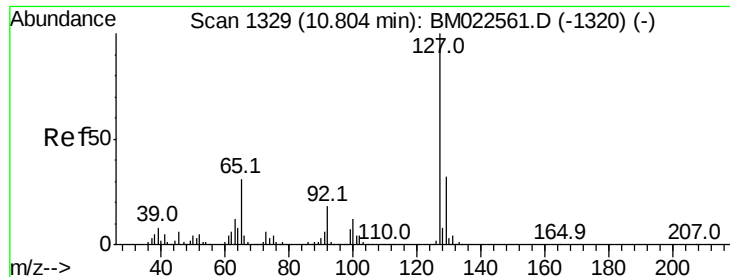
#28
 Naphthalene
 Concen: 3.344 ng/ul
 RT: 10.70 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:128 Resp: 222660
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.9 13.3
 127 12.1 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

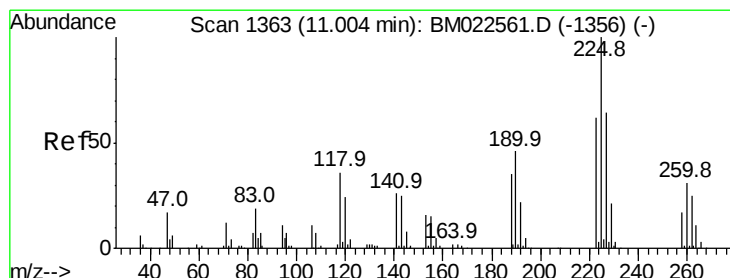
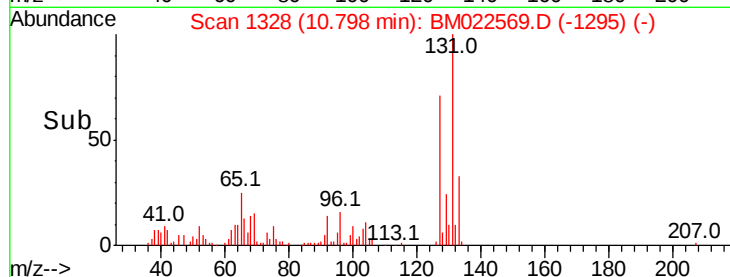
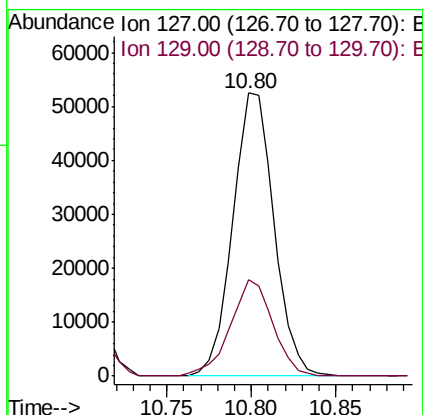
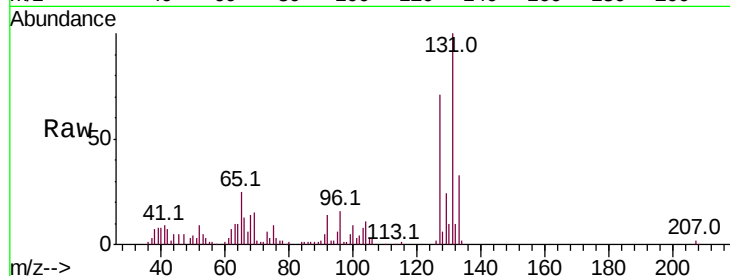




#30
4-Chloroaniline
Concen: 3.251 ng/ul
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

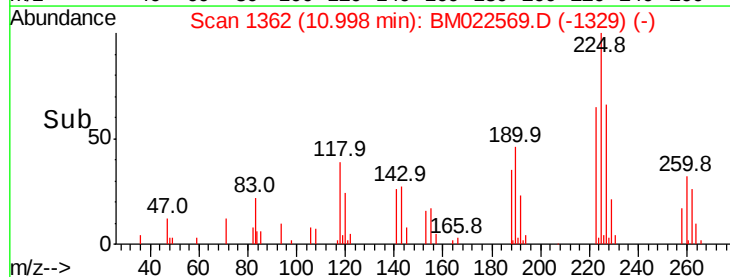
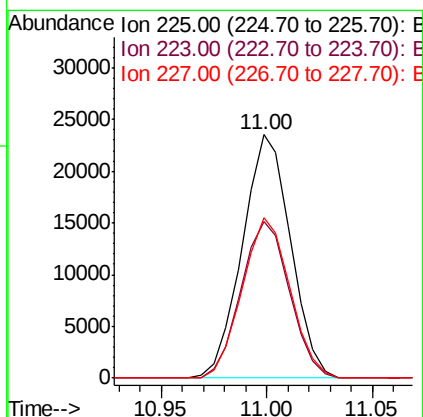
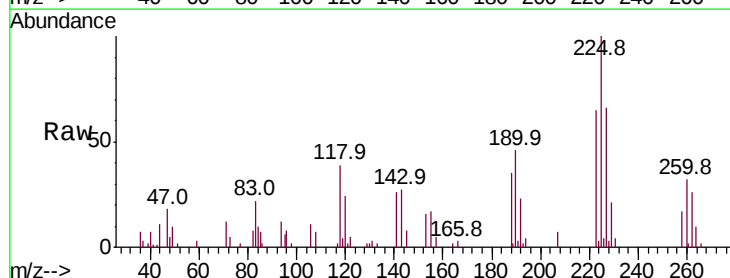
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

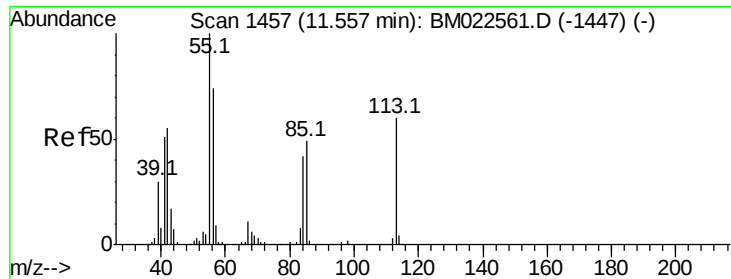
Tot Ion:127 Resp: 89466
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.2



#31
Hexachlorobutadiene
Concen: 3.034 ng/ul
RT: 11.00 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:225 Resp: 37435
Ion Ratio Lower Upper
225 100
223 64.5 50.1 75.1
227 66.1 51.8 77.8





#32

Caprolactam

Concen: 2.326 ng/ul

RT: 11.58 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

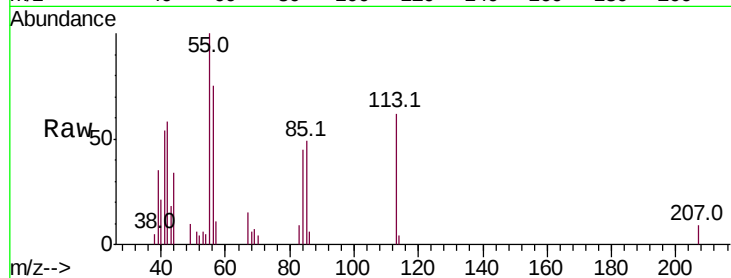
Tot Ion:113 Resp: 17339

Ion Ratio Lower Upper

113 100

55 162.4 135.6 203.4

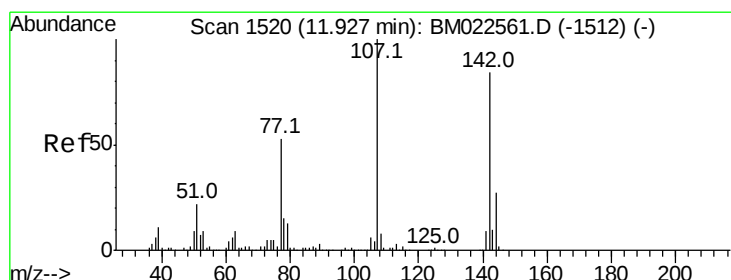
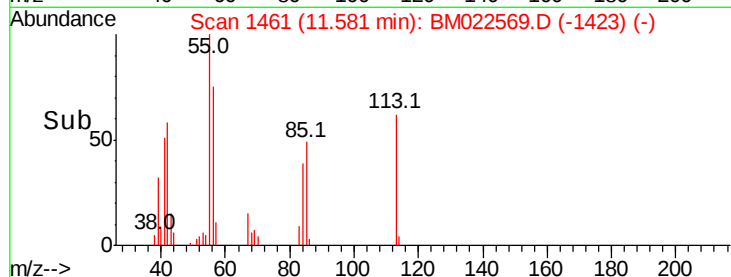
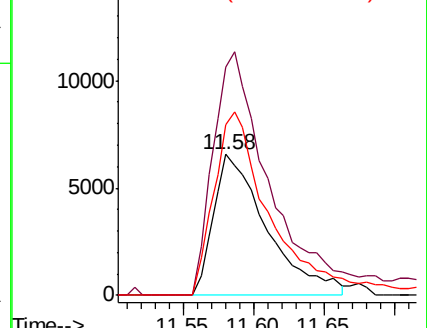
56 121.0 98.4 147.6



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: 2.779 ng/ul

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

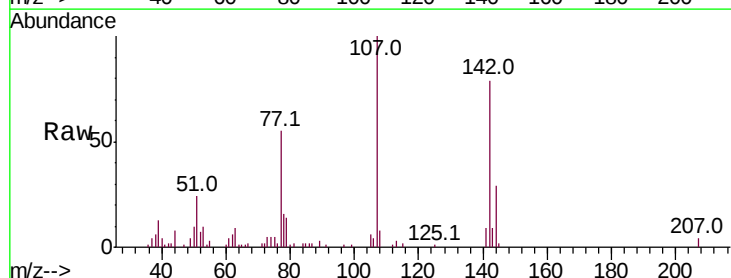
Tgt Ion:107 Resp: 61420

Ion Ratio Lower Upper

107 100

144 29.3 22.6 34.0

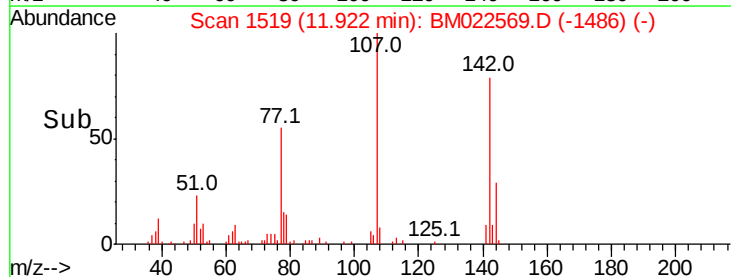
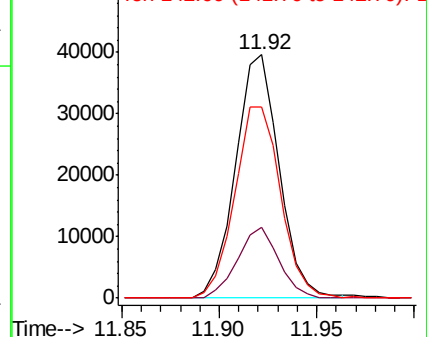
142 78.7 67.0 100.4

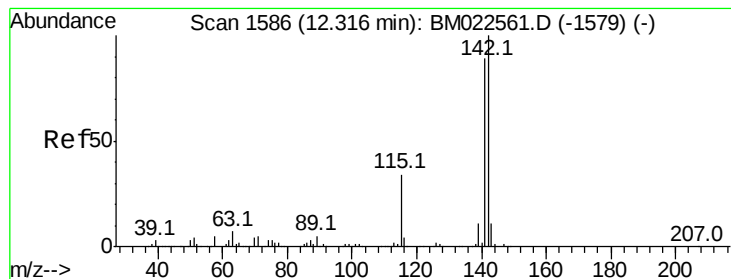


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.229 ng/ul

RT: 12.31 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampled :

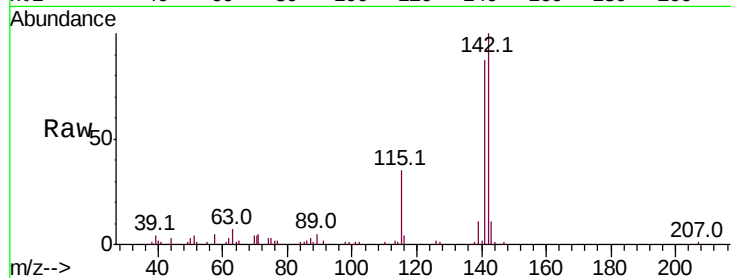
MDL-S-07

Tot Ion:142 Resp: 161958

Ion Ratio Lower Upper

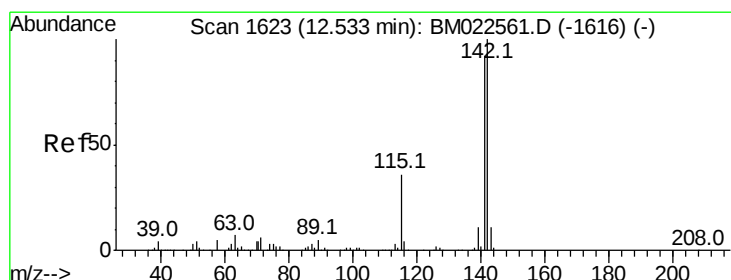
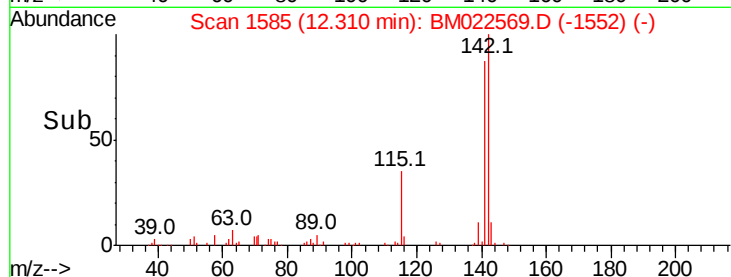
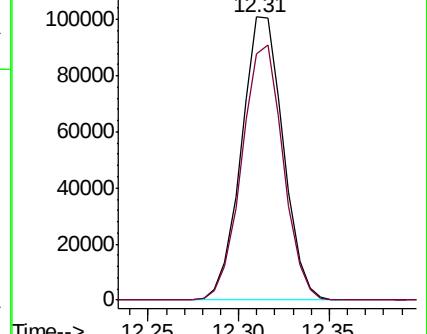
142 100

141 87.0 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 3.214 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

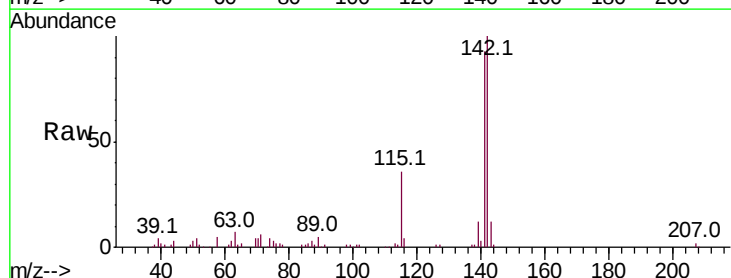
Tgt Ion:142 Resp: 154017

Ion Ratio Lower Upper

142 100

141 92.8 72.6 108.8

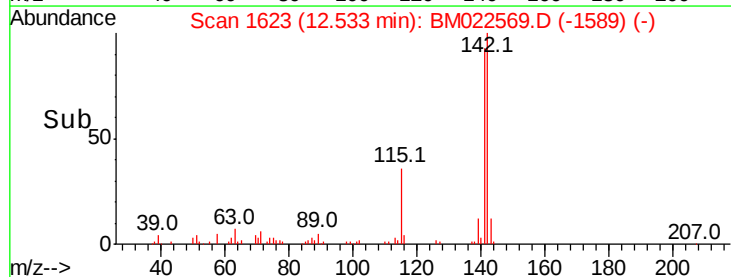
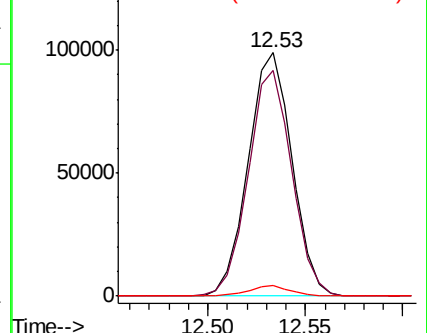
116 4.2 3.0 4.4

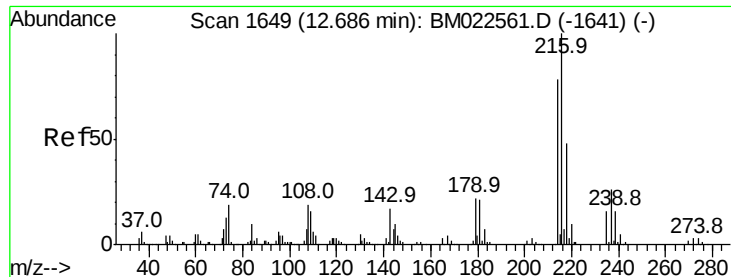


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

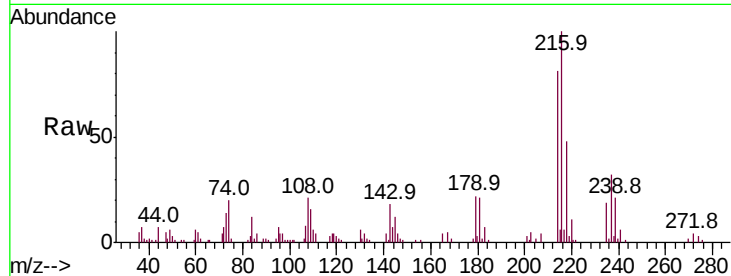




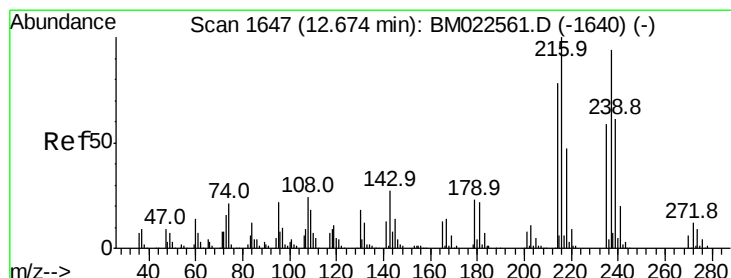
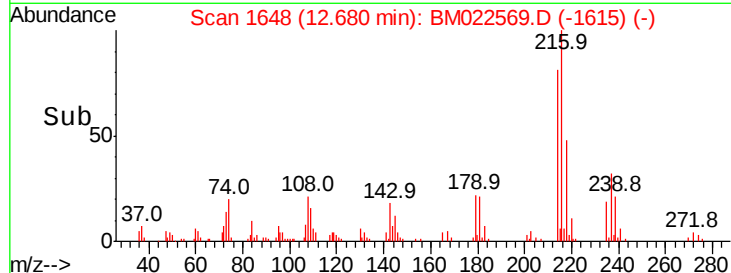
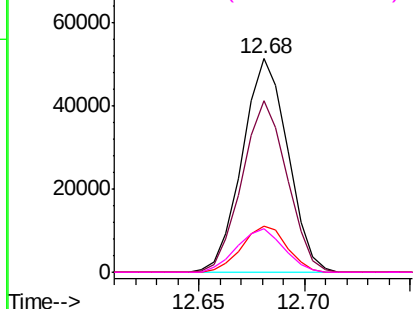
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.093 ng/ul
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Tot Ion:	216	Resp:	76578
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.0
179	21.7	16.7	25.1
108	20.6	14.4	21.6

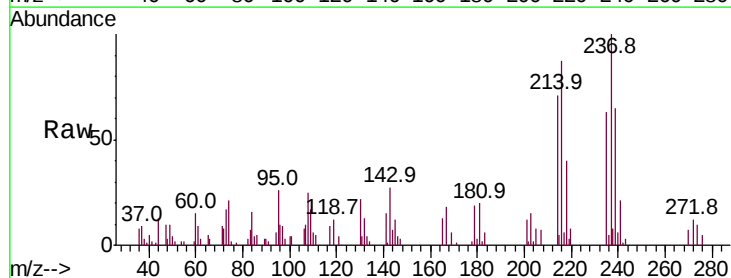


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

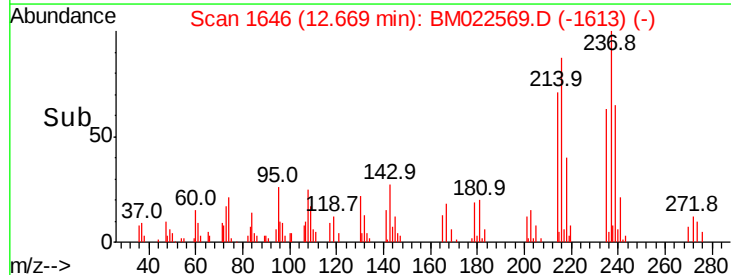
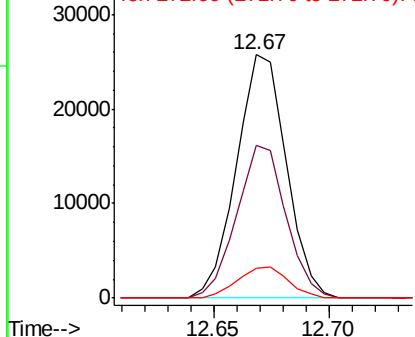


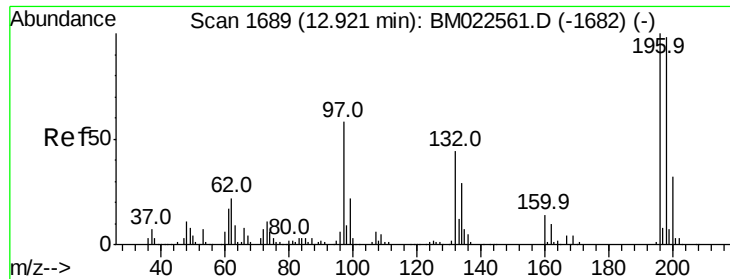
#38
 Hexachlorocyclopentadiene
 Concen: 2.540 ng/ul
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:	237	Resp:	38763
Ion	Ratio	Lower	Upper
237	100		
235	62.5	50.1	75.1
272	12.1	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

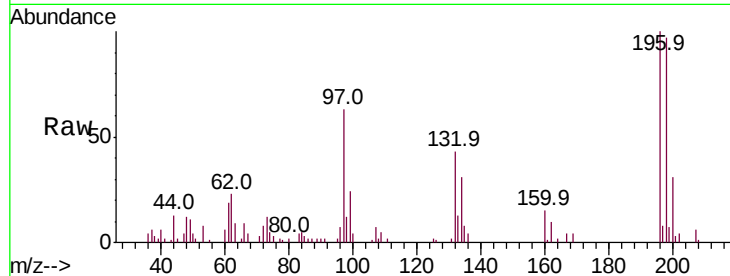




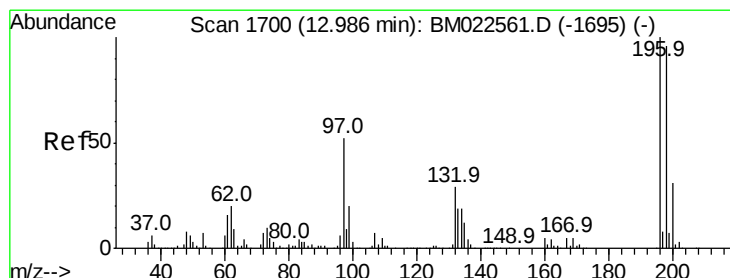
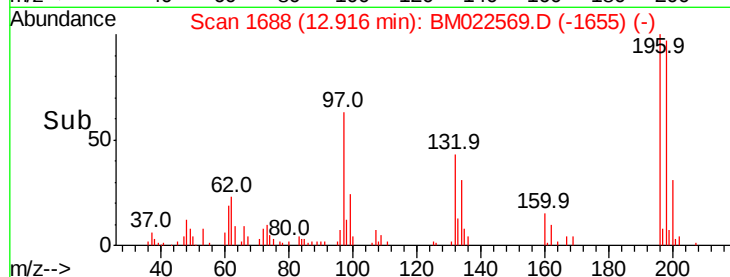
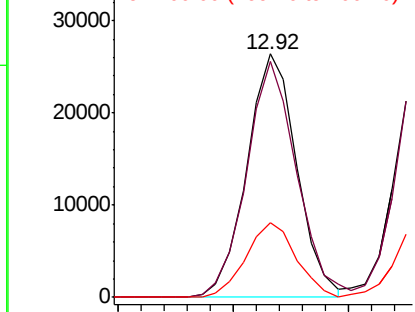
#39
 2,4,6-Trichlorophenol
 Concen: 2.566 ng/ul
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Tot Ion:196 Resp: 39764
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.7 116.5
 200 30.9 24.6 37.0

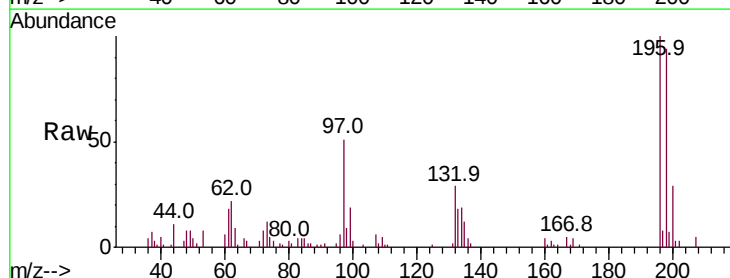


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

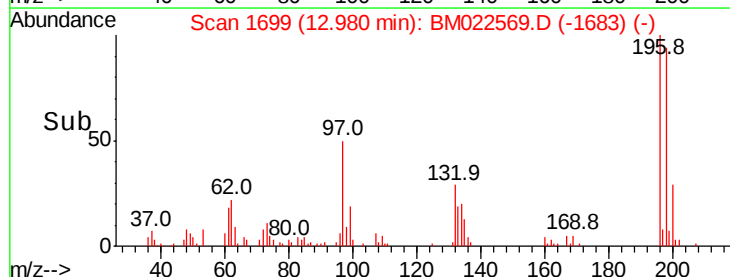
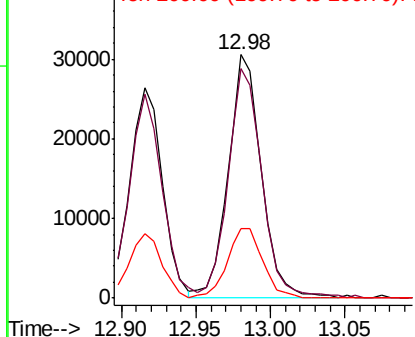


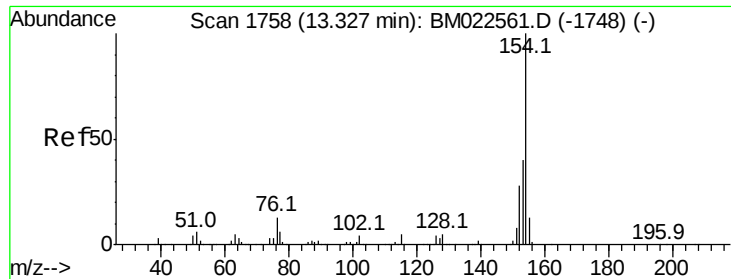
#40
 2,4,5-Trichlorophenol
 Concen: 2.837 ng/ul
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:196 Resp: 47683
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.4 116.0
 200 28.6 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: 3.322 ng/ul

RT: 13.32 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

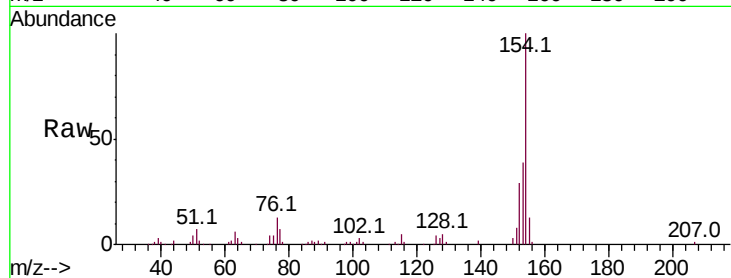
Tot Ion:154 Resp: 212231

Ion Ratio Lower Upper

154 100

153 39.5 32.1 48.1

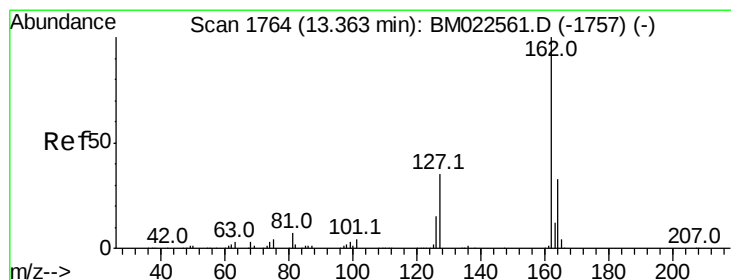
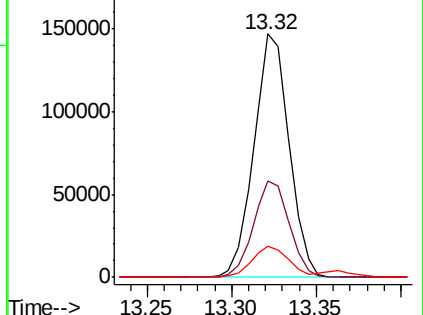
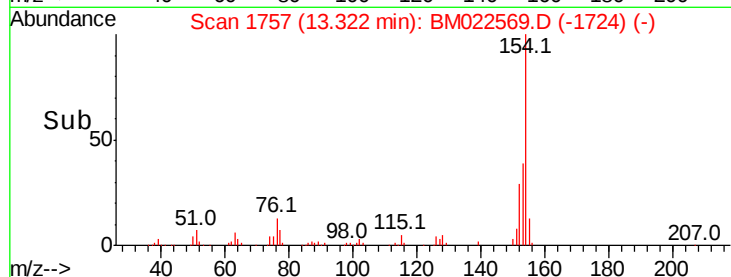
76 13.0 10.2 15.2



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: 3.280 ng/ul

RT: 13.36 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

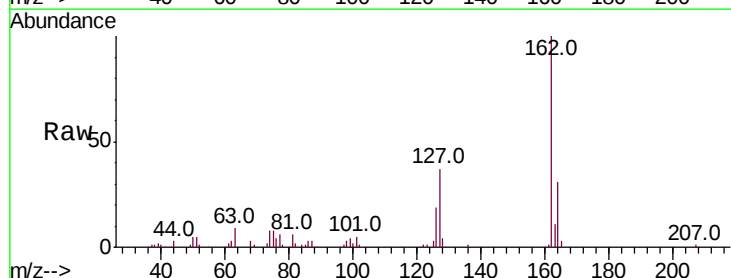
Tgt Ion:162 Resp: 158666

Ion Ratio Lower Upper

162 100

164 31.1 26.1 39.1

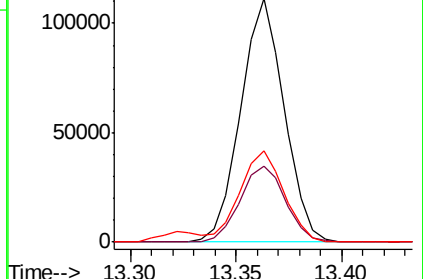
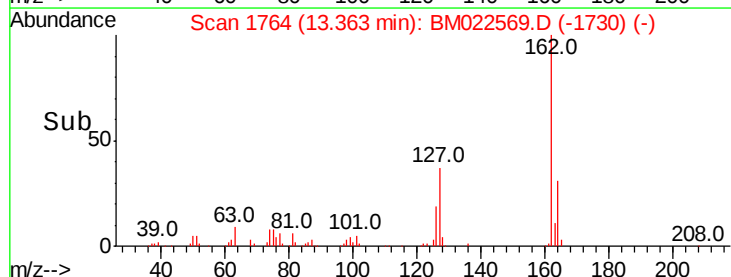
127 37.3 30.1 45.1

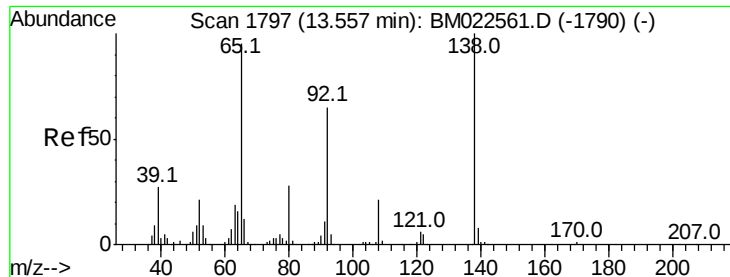


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 3.023 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

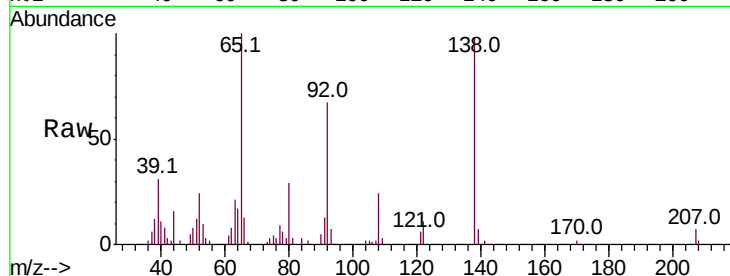
Tot Ion: 65 Resp: 34143

Ion Ratio Lower Upper

65 100

92 67.4 55.7 83.5

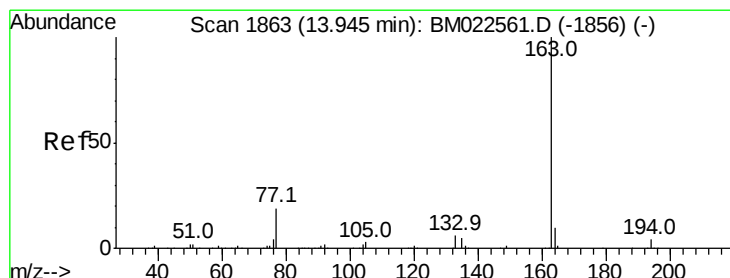
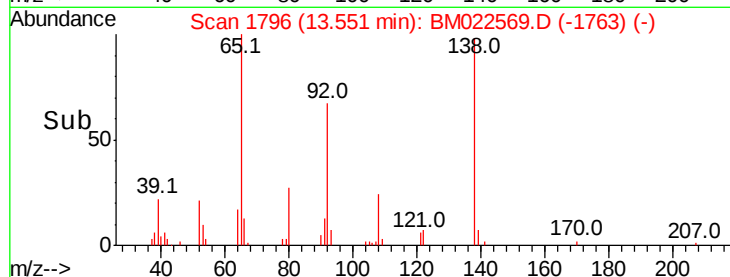
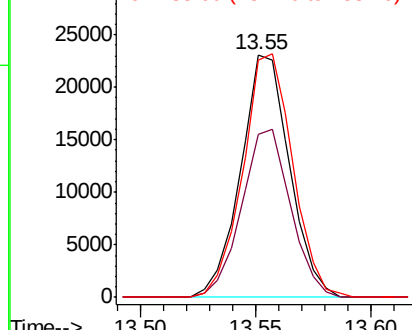
138 97.9 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BM022561.D (-1790) (-)

Ion 92.00 (91.70 to 92.70): BM022561.D (-1790) (-)

Ion 138.00 (137.70 to 138.70): BM022561.D (-1790) (-)



#45

Dimethylphthalate

Concen: 3.276 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

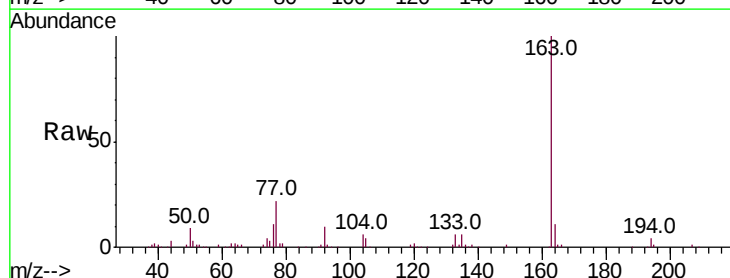
Tgt Ion:163 Resp: 206754

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

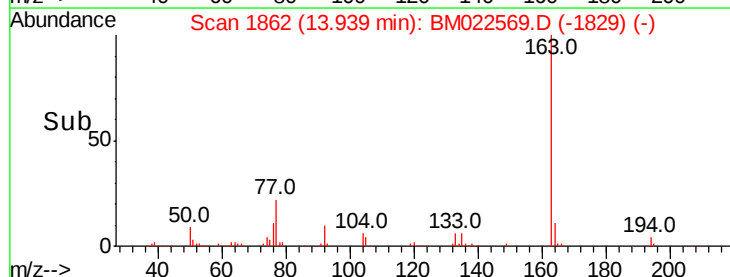
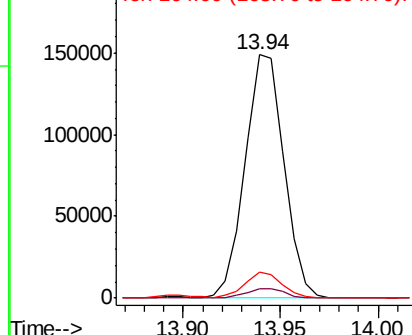
164 10.5 7.8 11.8

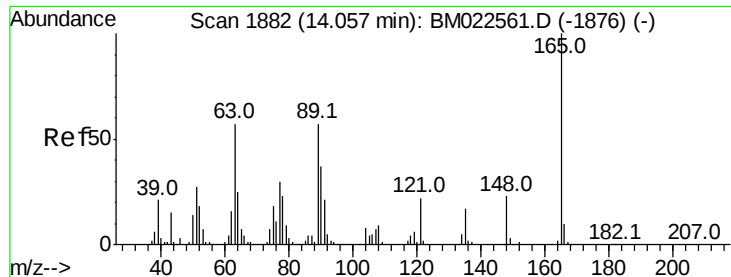


Abundance Ion 163.00 (162.70 to 163.70): BM022561.D (-1856) (-)

Ion 194.00 (193.70 to 194.70): BM022561.D (-1856) (-)

Ion 164.00 (163.70 to 164.70): BM022561.D (-1856) (-)

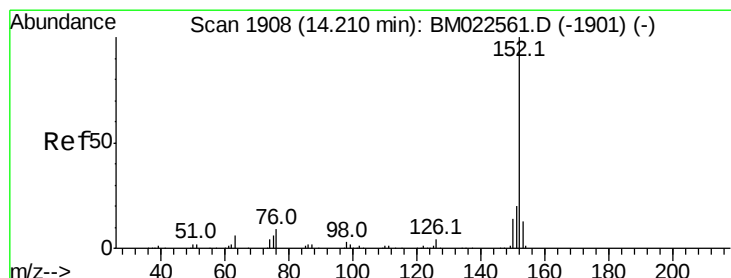
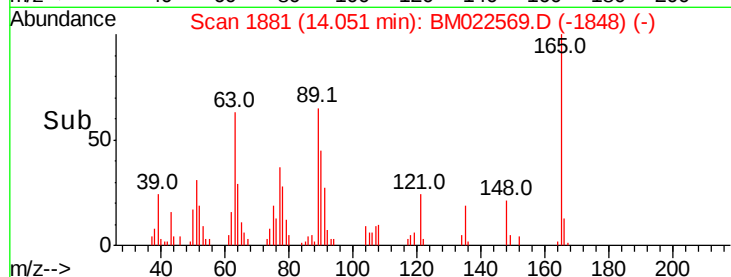
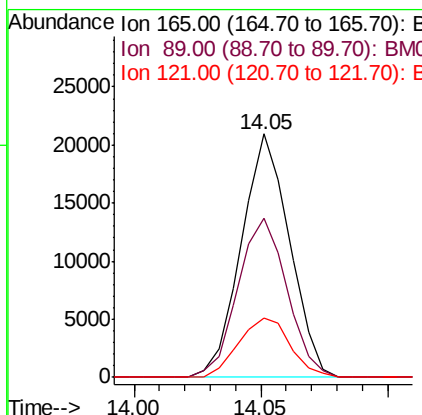
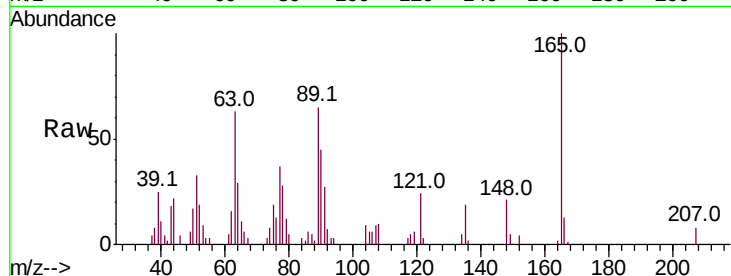




#46
 2,6-Dinitrotoluene
 Concen: 2.695 ng/ul
 RT: 14.05 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

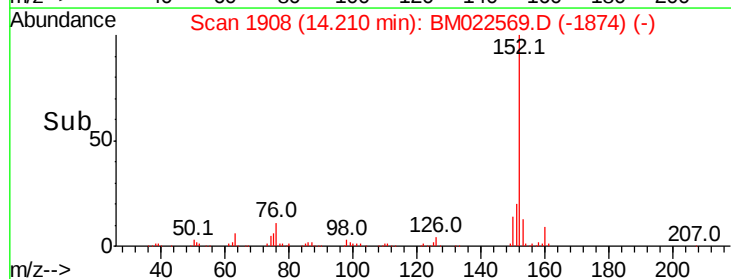
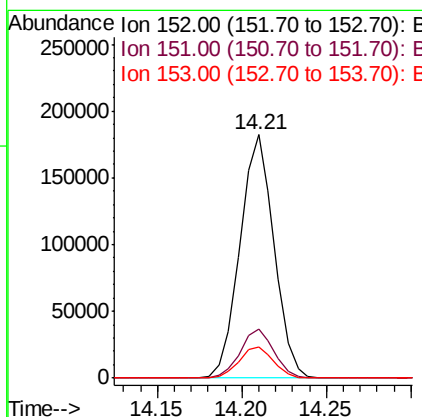
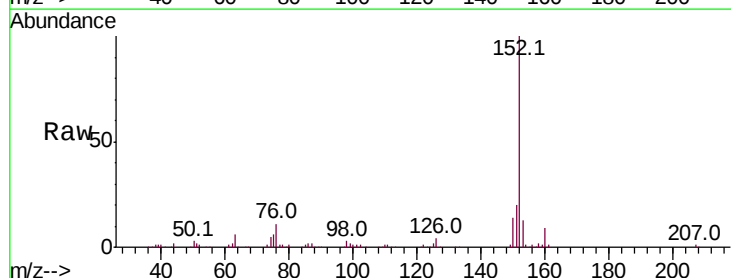
Instrument :
 BNA_M
 ClientSampled :
 MDL-S-07

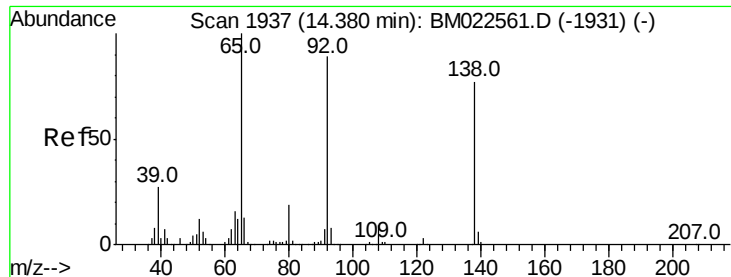
Tot Ion:165 Resp: 27691
 Ion Ratio Lower Upper
 165 100
 89 65.5 47.7 71.5
 121 24.5 18.4 27.6



#48
 Acenaphthylene
 Concen: 3.317 ng/ul
 RT: 14.21 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:152 Resp: 256162
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.8 23.8
 153 12.8 10.4 15.6





#49

3-Nitroaniline

Concen: 2.510 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

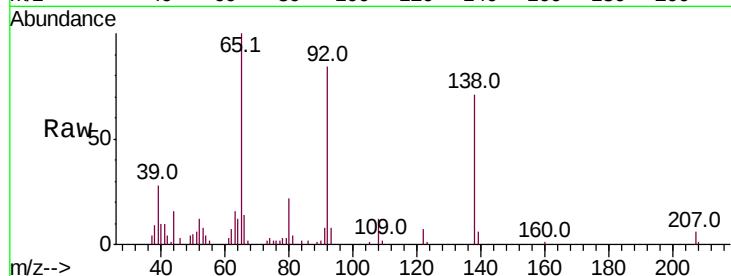
Tot Ion:138 Resp: 27962

Ion Ratio Lower Upper

138 100

108 16.8 13.5 20.3

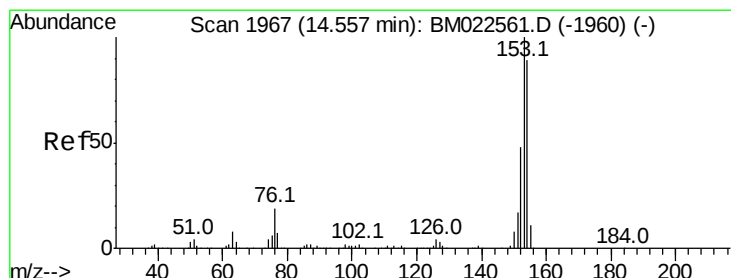
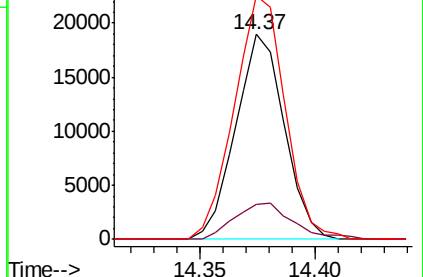
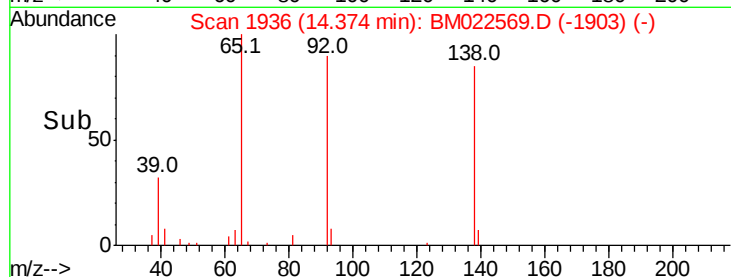
92 118.7 93.7 140.5



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: 3.290 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

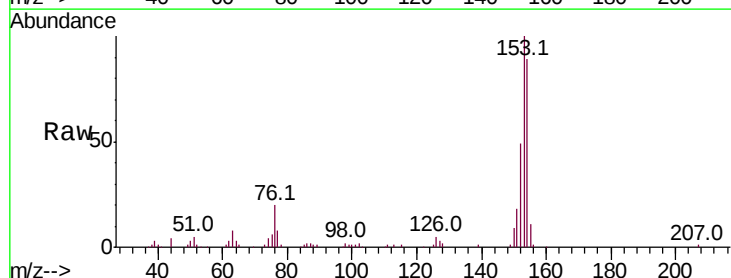
Tgt Ion:153 Resp: 176041

Ion Ratio Lower Upper

153 100

152 48.8 37.5 56.3

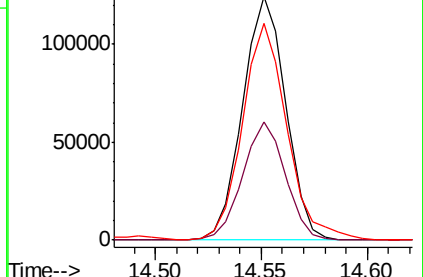
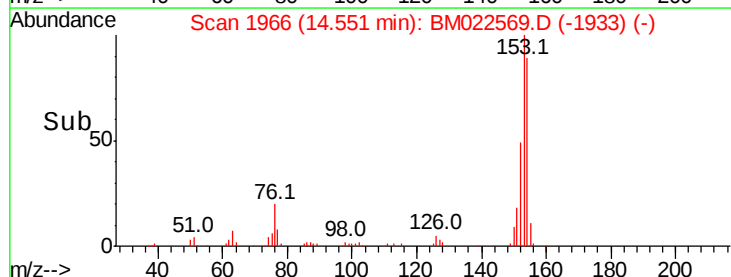
154 88.9 71.4 107.0

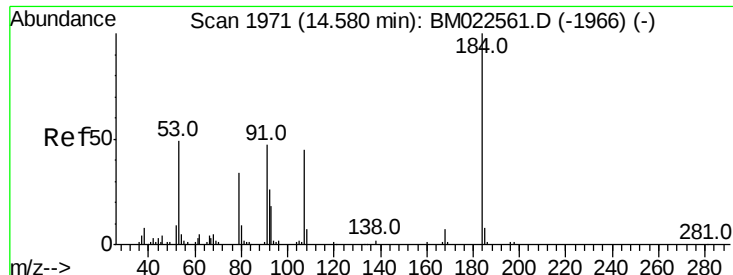


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

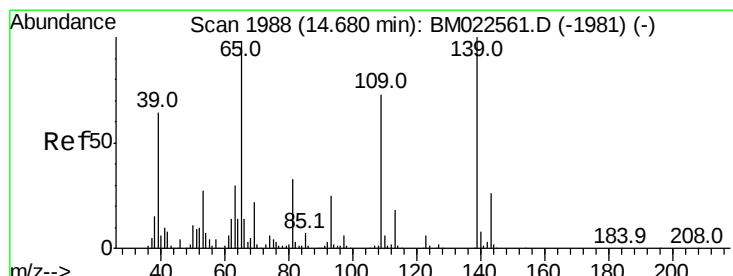
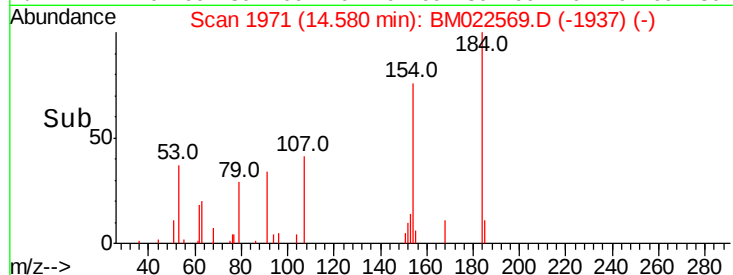
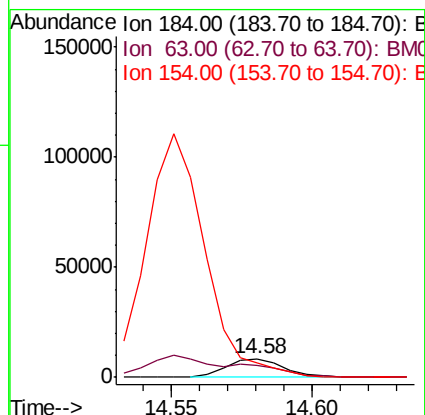
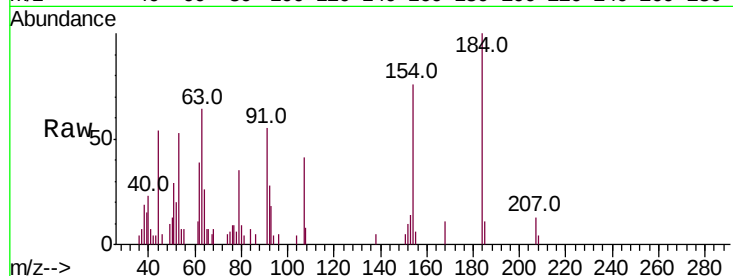




#51
2,4-Dinitrophenol
Concen: 2.523 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

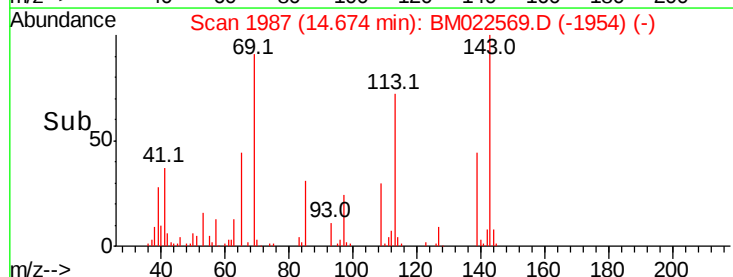
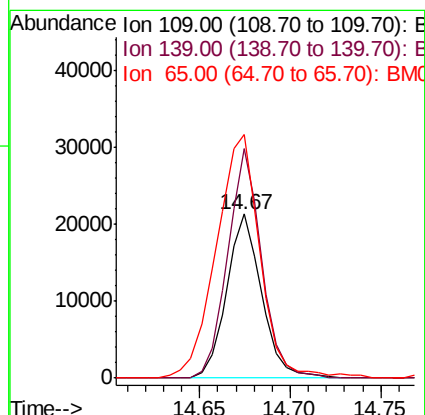
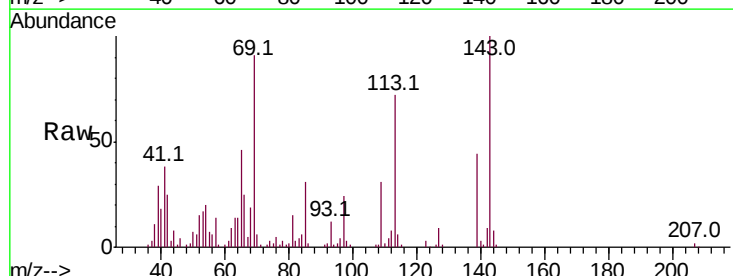
Instrument :
BNA_M
ClientSampled :
MDL-S-07

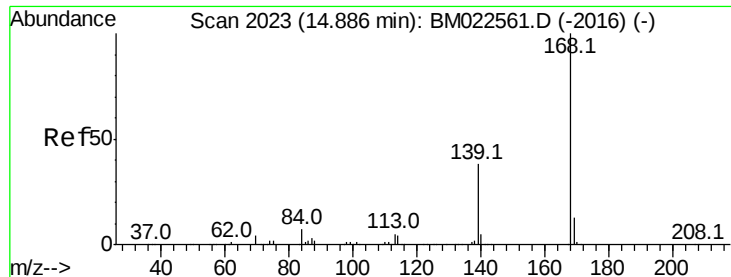
Tot Ion:184 Resp: 11895
Ion Ratio Lower Upper
184 100
63 64.0 51.5 77.3
154 76.0 81.9 122.9#



#53
4-Nitrophenol
Concen: 3.357 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:109 Resp: 28644
Ion Ratio Lower Upper
109 100
139 140.3 107.6 161.4
65 148.4 101.9 152.9





#54

Dibenzo(f,h)quinoxaline

Concen: 3.343 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

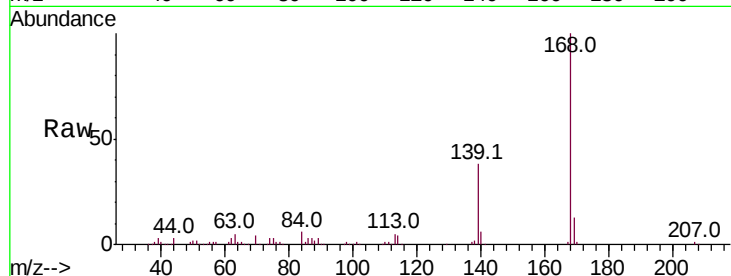
MDL-S-07

Tot Ion:168 Resp: 248266

Ion Ratio Lower Upper

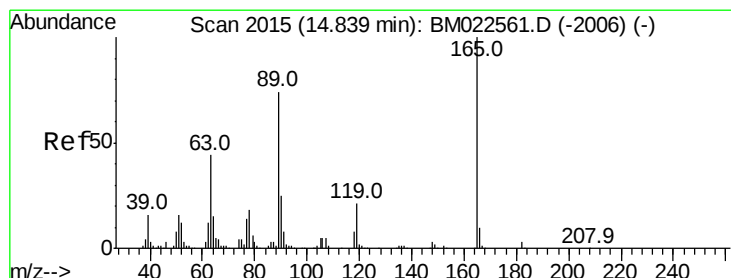
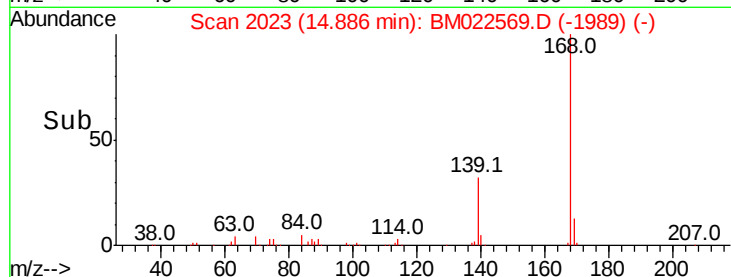
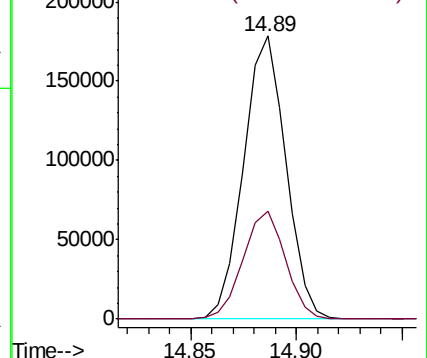
168 100

139 38.4 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.015 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

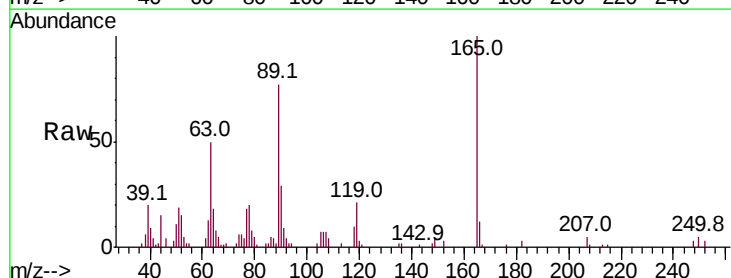
Tgt Ion:165 Resp: 45377

Ion Ratio Lower Upper

165 100

63 50.3 35.7 53.5

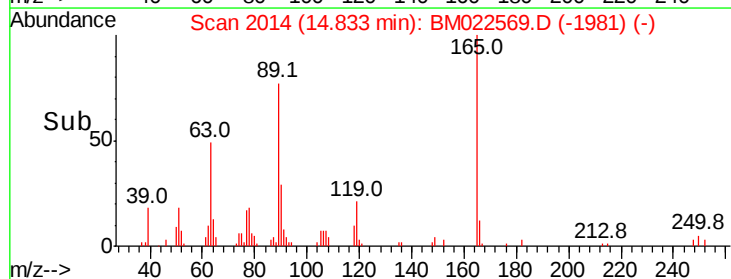
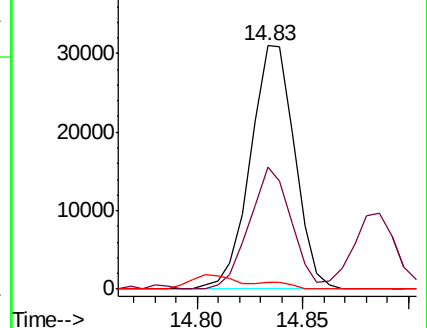
182 3.1 2.2 3.2

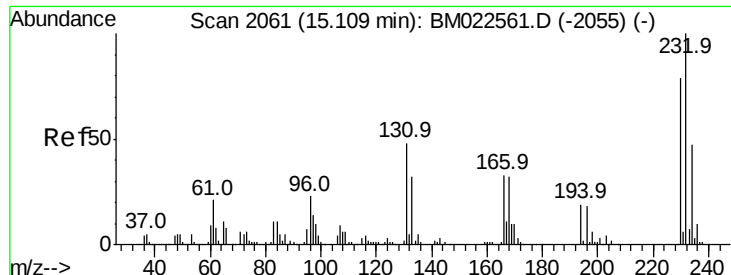


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

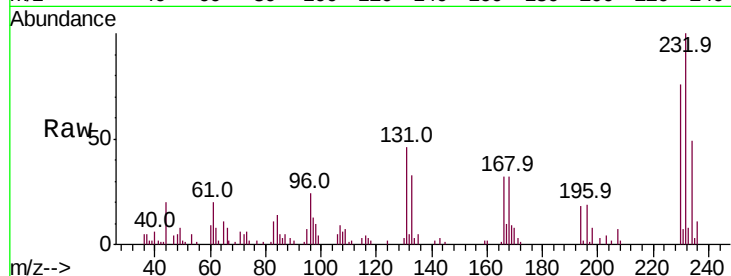




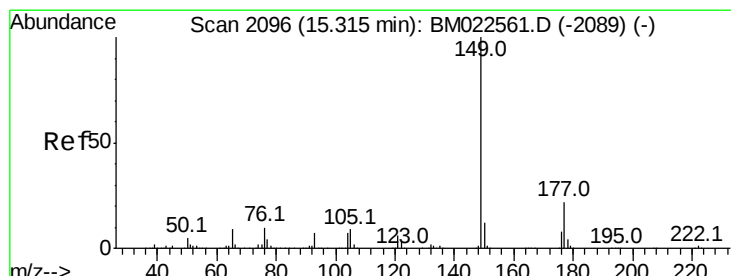
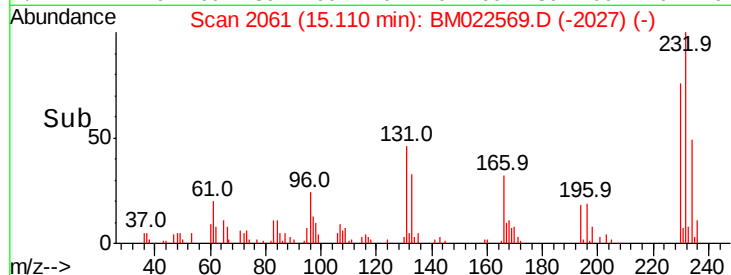
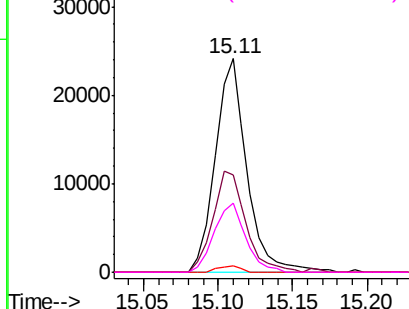
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.558 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Tot Ion:	232	Resp:	35718
Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.9	55.3
130	2.8	2.0	3.0
166	32.3	25.2	37.8

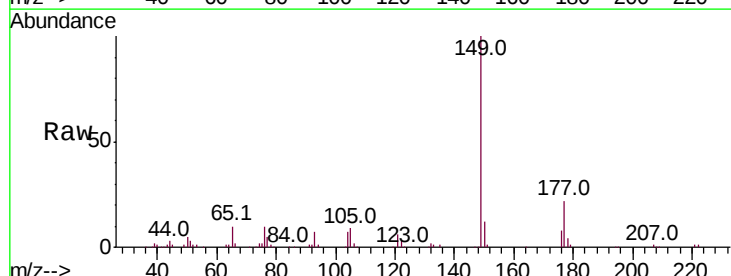


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

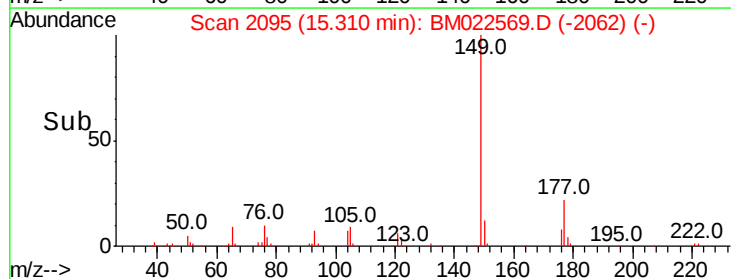
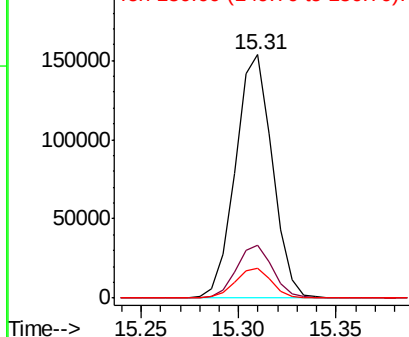


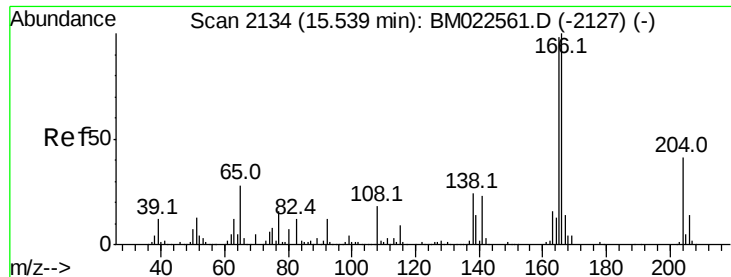
#57
 Diethylphthalate
 Concen: 3.074 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:	149	Resp:	200745
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.5	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: 3.309 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

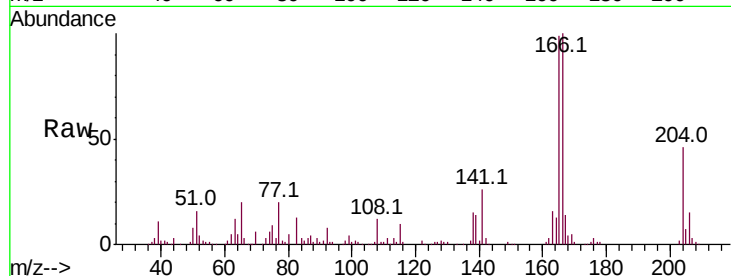
Tot Ion:166 Resp: 202188

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

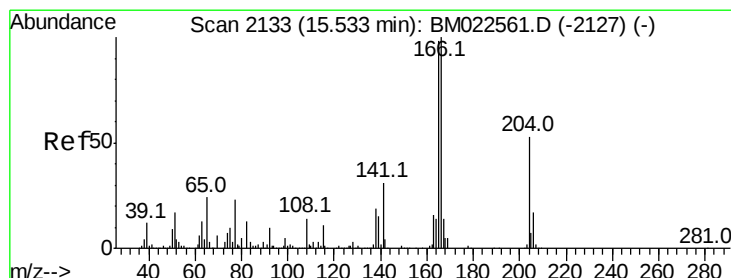
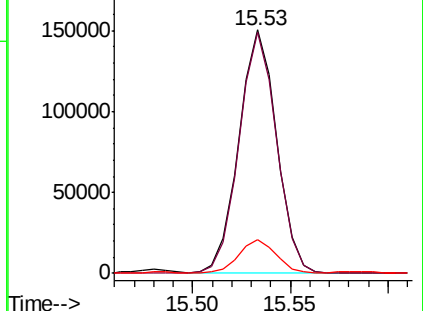
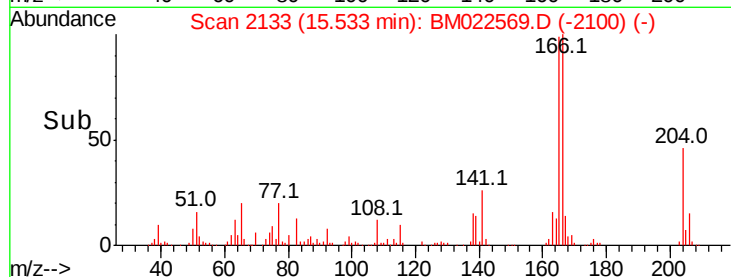
167 13.7 10.9 16.3



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: 3.240 ng/ul

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

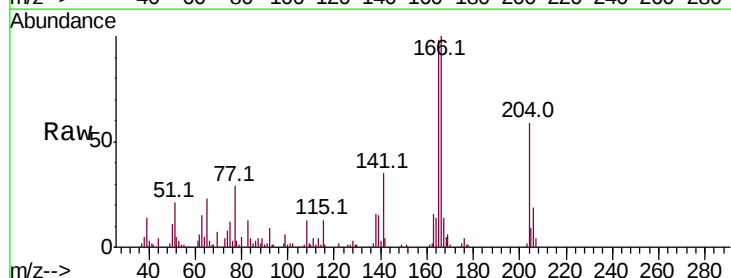
Tgt Ion:204 Resp: 97977

Ion Ratio Lower Upper

204 100

206 32.6 26.0 39.0

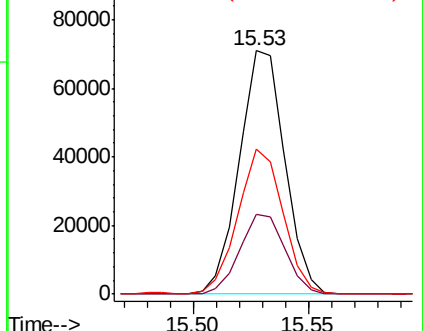
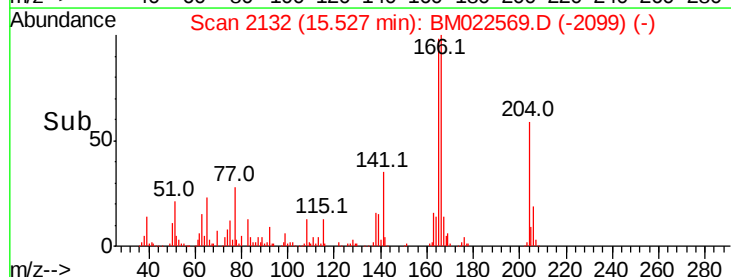
141 59.4 45.4 68.2

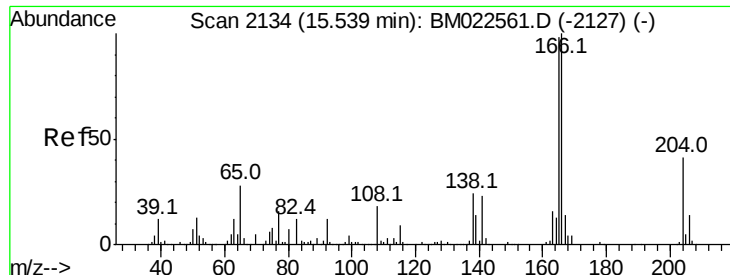


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

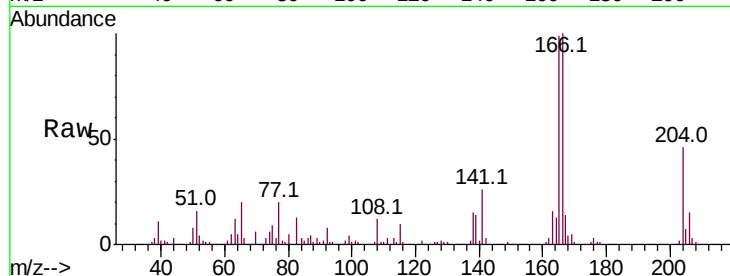




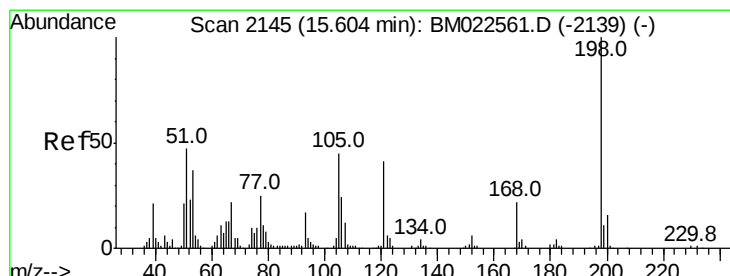
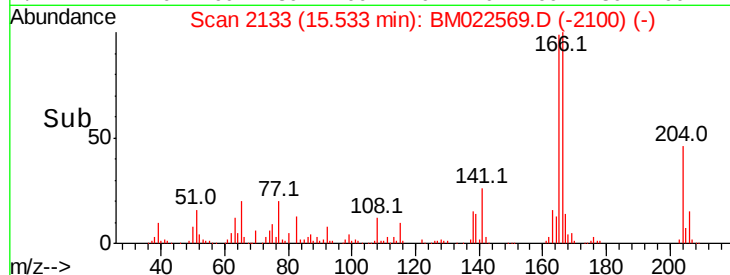
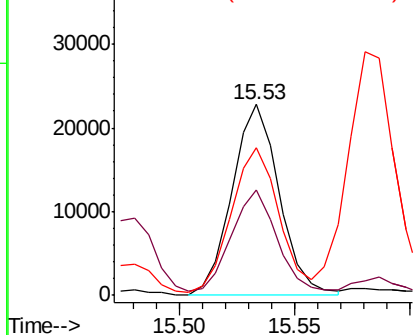
#61
 4-Nitroaniline
 Concen: 2.565 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Tot Ion:138 Resp: 32564
 Ion Ratio Lower Upper
 138 100
 92 55.2 40.3 60.5
 108 77.4 62.2 93.2

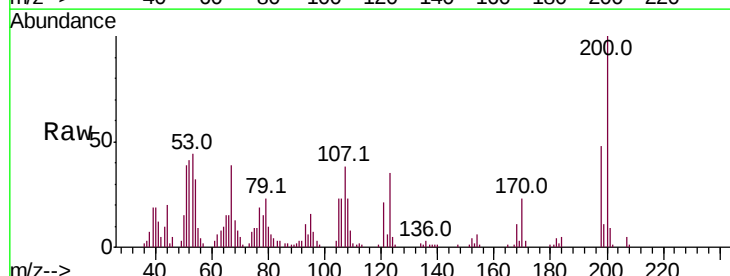


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E

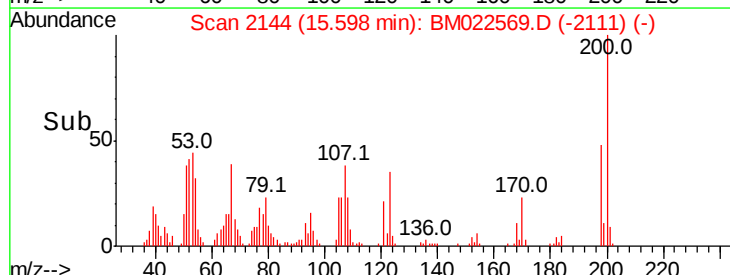
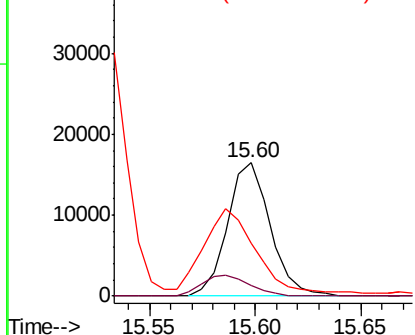


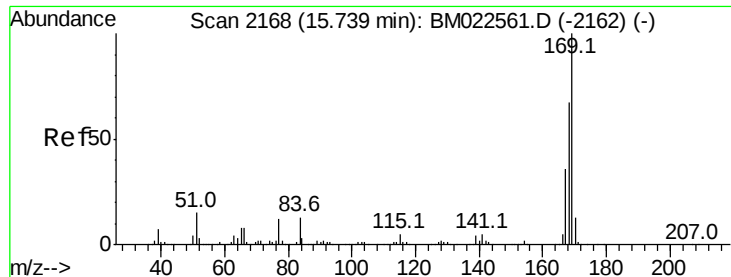
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.781 ng/ul
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion:198 Resp: 23092
 Ion Ratio Lower Upper
 198 100
 182 8.3 3.4 5.0#
 77 39.8 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): BM





#65

N-Nitrosodiphenylamine

Concen: 3.187 ng/ul

RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampled :

MDL-S-07

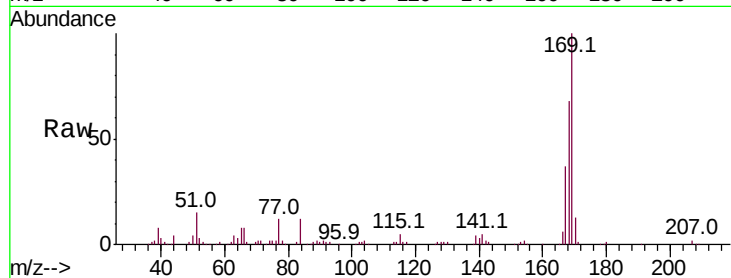
Tot Ion:169 Resp: 171741

Ion Ratio Lower Upper

169 100

168 68.3 53.5 80.3

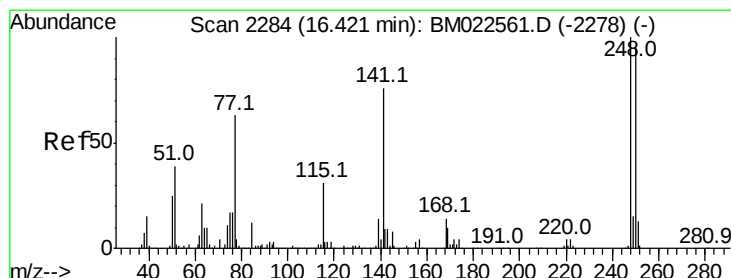
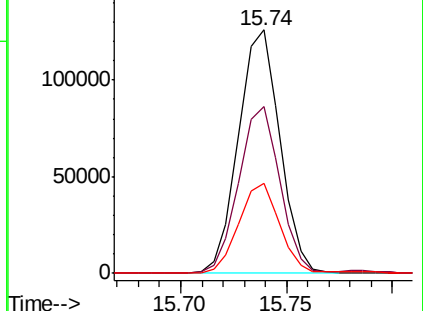
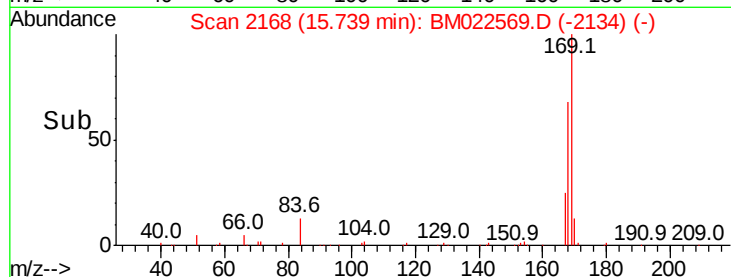
167 36.9 29.5 44.3



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: 2.925 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

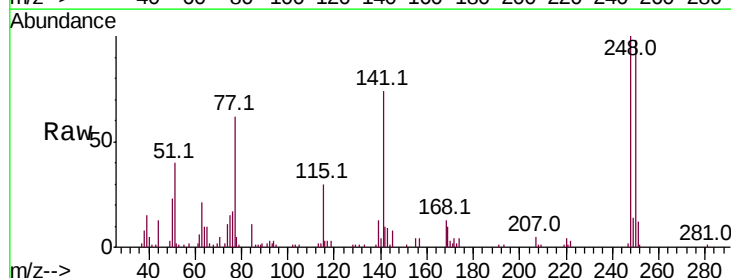
Tgt Ion:248 Resp: 57697

Ion Ratio Lower Upper

248 100

250 97.6 76.3 114.5

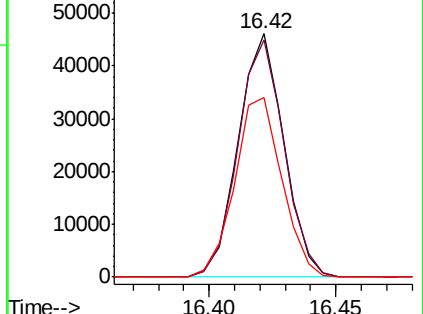
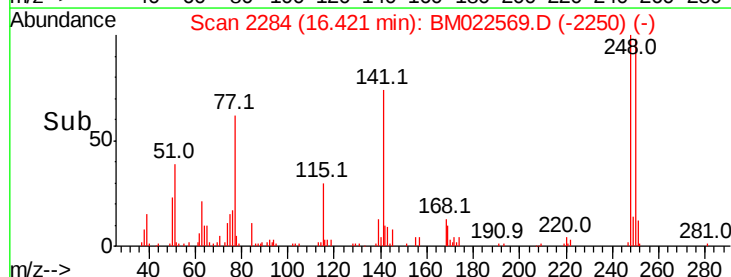
141 73.8 57.0 85.4

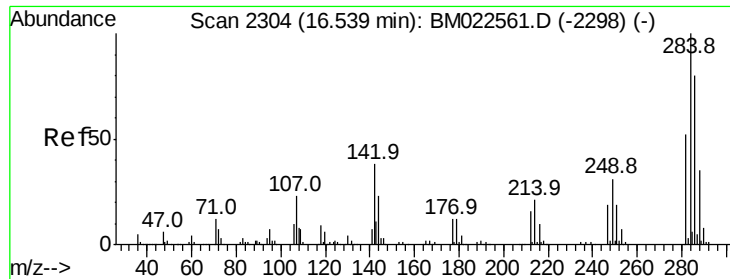


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

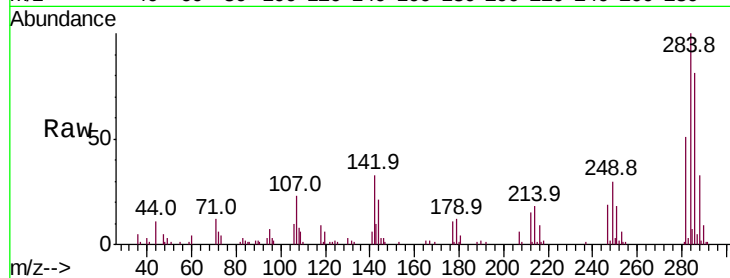




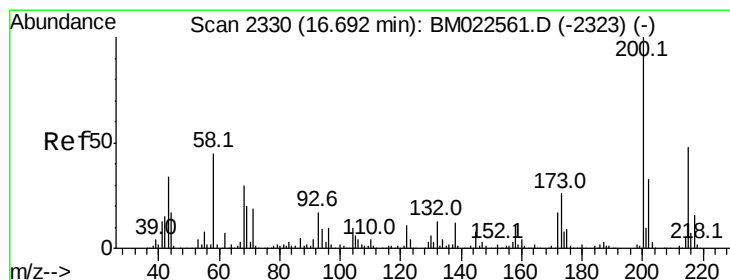
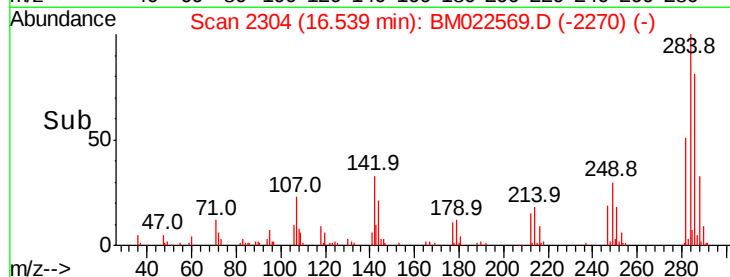
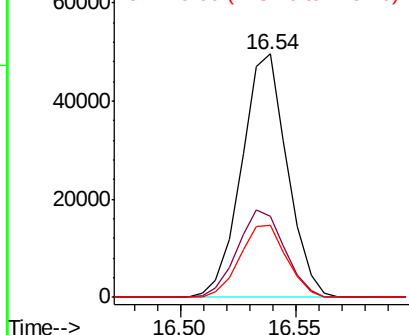
#67
Hexachlorobenzene
Concen: 3.147 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Instrument :
BNA_M
ClientSampleId :
MDL-S-07

Tot Ion:284 Resp: 68417
Ion Ratio Lower Upper
284 100
142 33.1 29.3 43.9
249 29.6 24.7 37.1

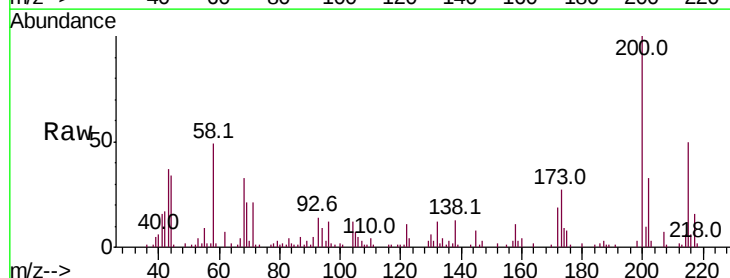


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

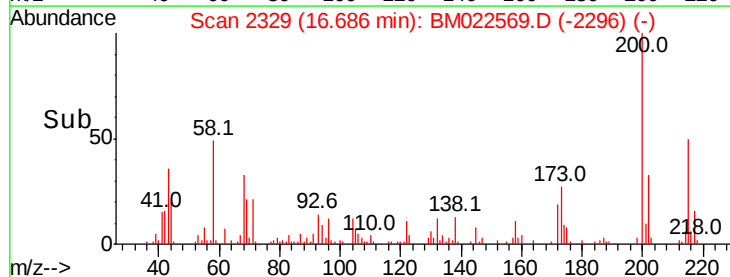
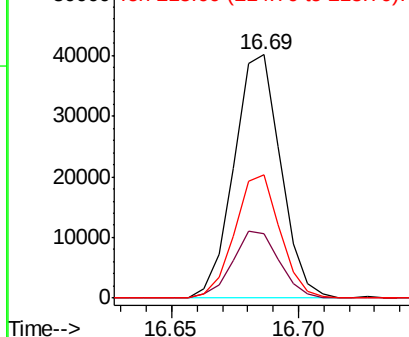


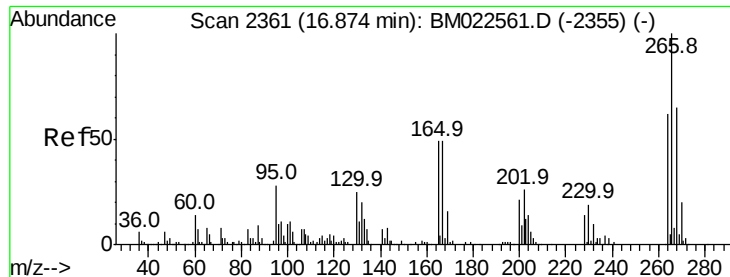
#68
Atrazine
Concen: 2.486 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:200 Resp: 51495
Ion Ratio Lower Upper
200 100
173 26.7 21.6 32.4
215 50.5 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

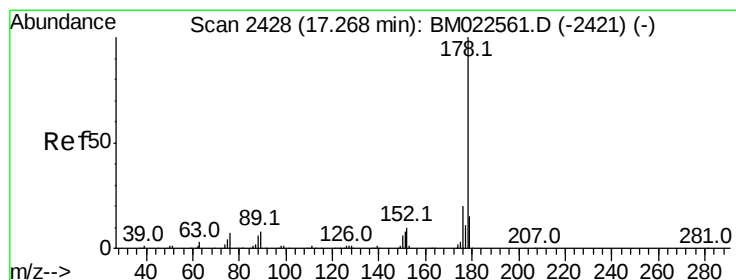
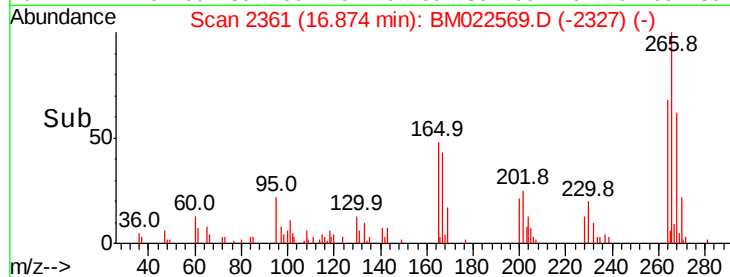
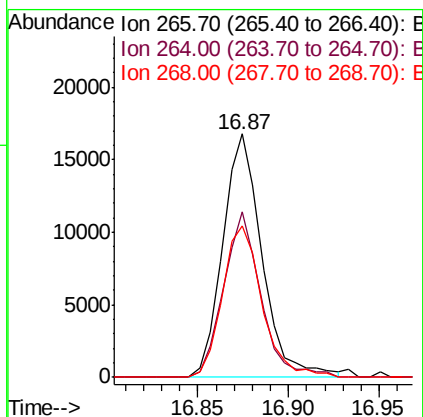
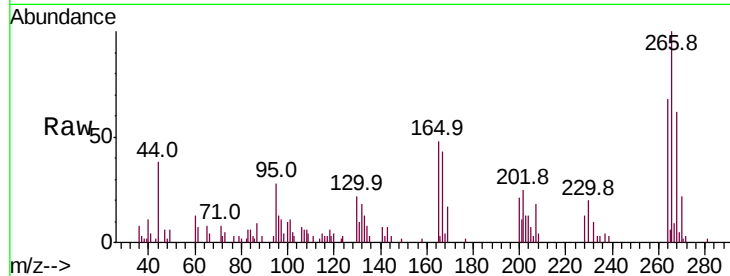




#69
 Pentachlorophenol
 Concen: 2.102 ng/ul
 RT: 16.87 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

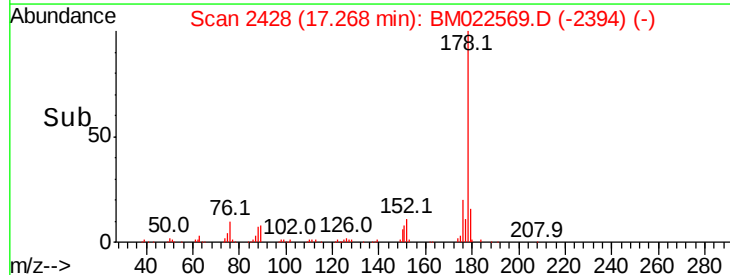
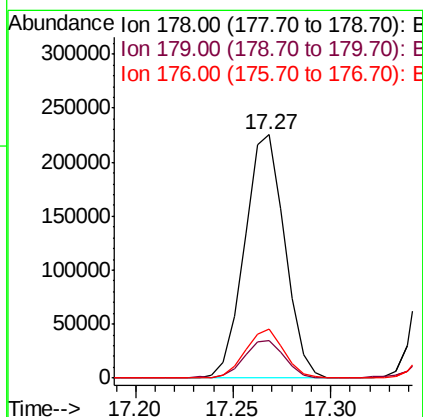
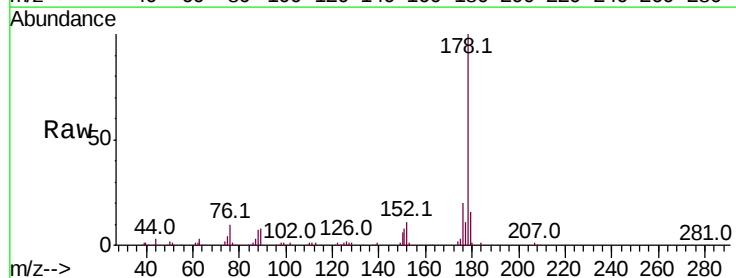
Instrument :
 BNA_M
 ClientSampled :
 MDL-S-07

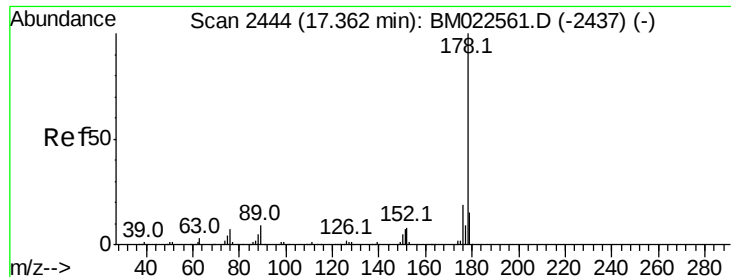
Tot Ion	Ratio	Lower	Upper
266	100		
264	68.2	50.8	76.2
268	62.4	50.9	76.3



#70
 Phenanthrene
 Concen: 3.305 ng/ul
 RT: 17.27 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM022569.D
 Acq: 07 Sep 2019 01:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	20.0	15.4	23.0





#72

Anthracene

Concen: 3.271 ng/uL

RT: 17.36 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

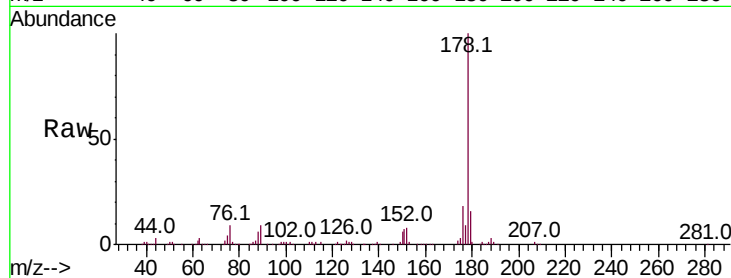
Tot Ion:178 Resp: 324864

Ion Ratio Lower Upper

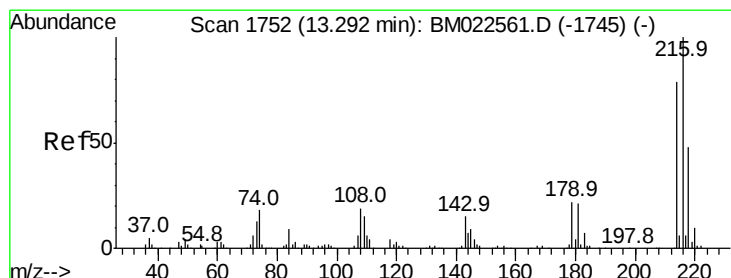
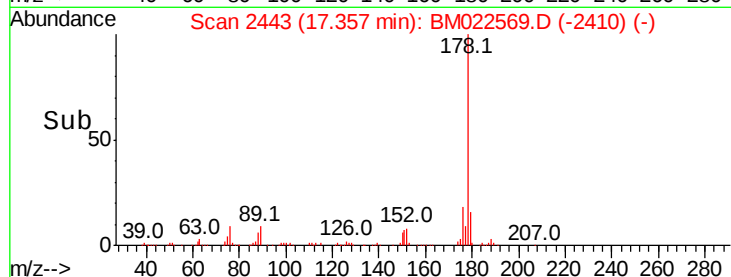
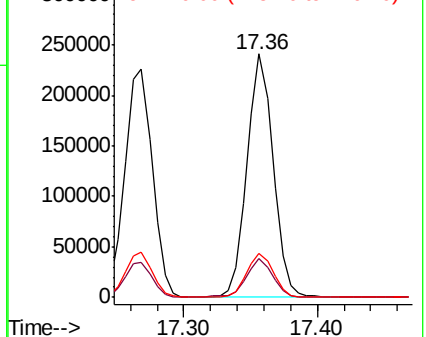
178 100

179 15.7 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: 3.114 ng/uL

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

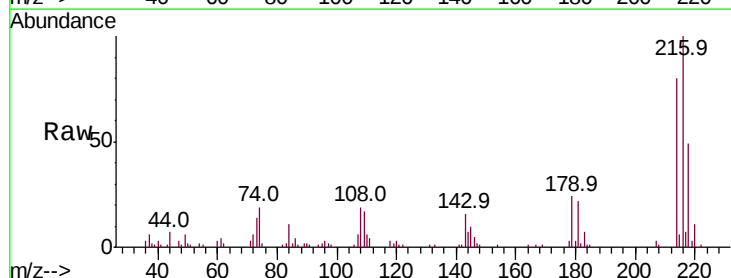
Tgt Ion:216 Resp: 76553

Ion Ratio Lower Upper

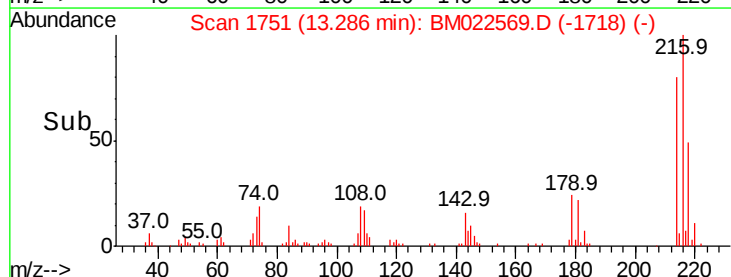
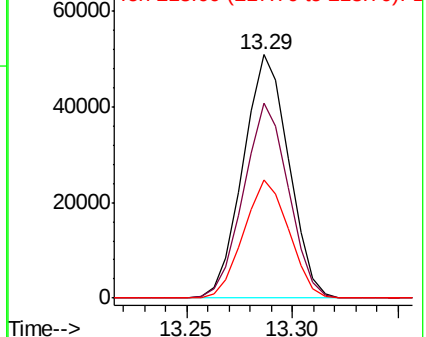
216 100

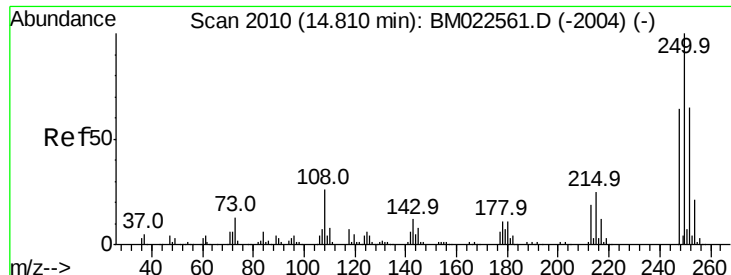
214 80.3 62.5 93.7

218 48.7 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: 3.092 ng/uL

RT: 14.81 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

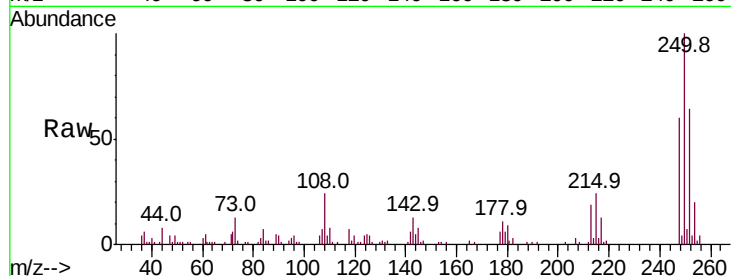
Tot Ion:250 Resp: 76624

Ion Ratio Lower Upper

250 100

248 60.2 51.3 76.9

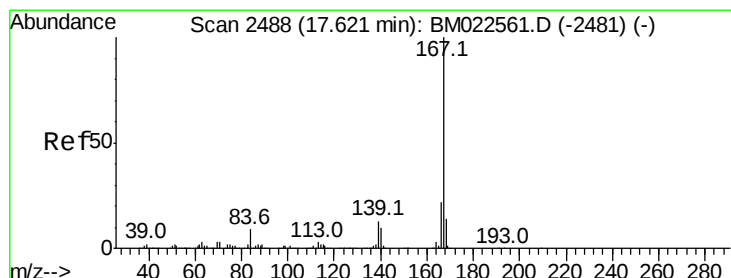
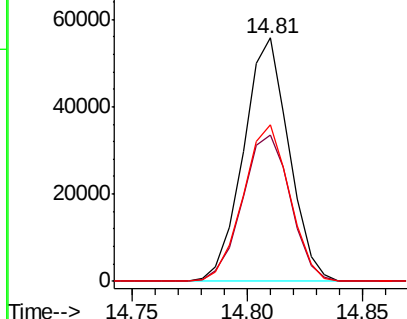
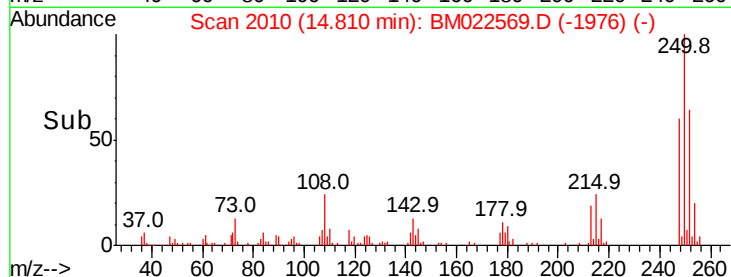
252 64.3 51.1 76.7



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: 3.197 ng/uL

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

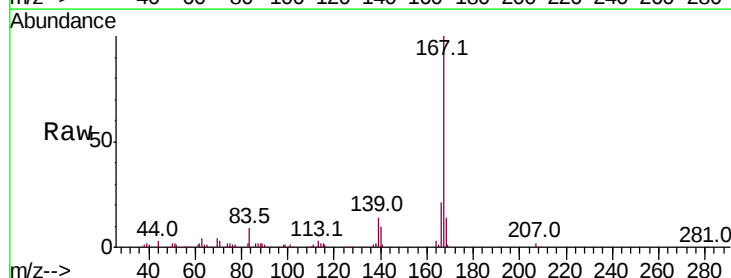
Tgt Ion:167 Resp: 285318

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

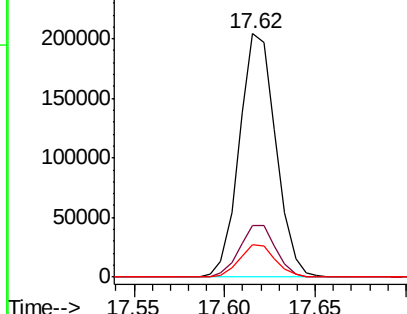
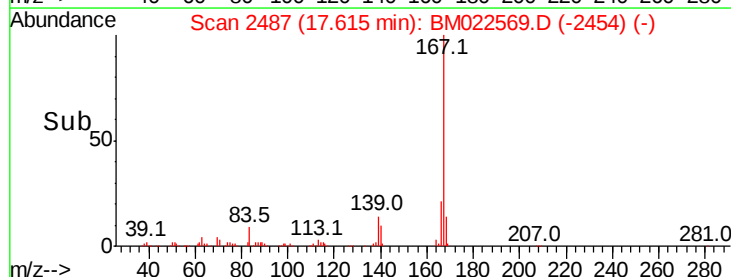
139 13.6 10.6 15.8

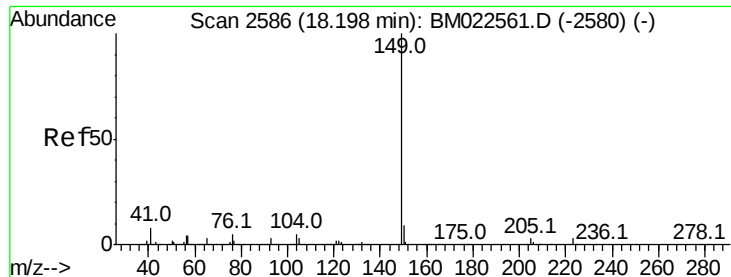


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

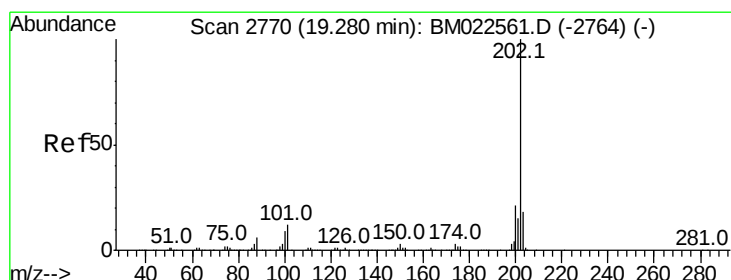
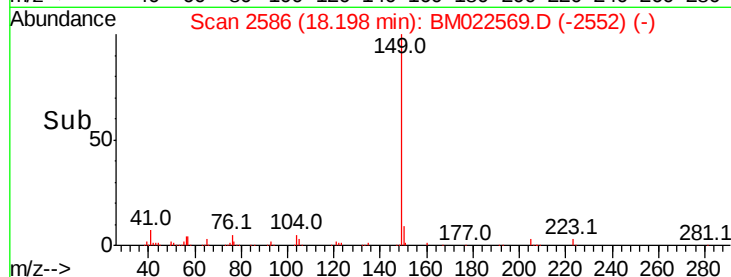
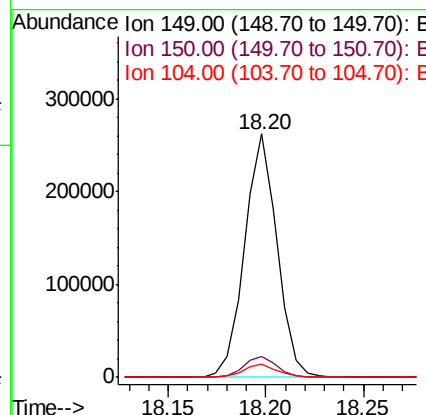
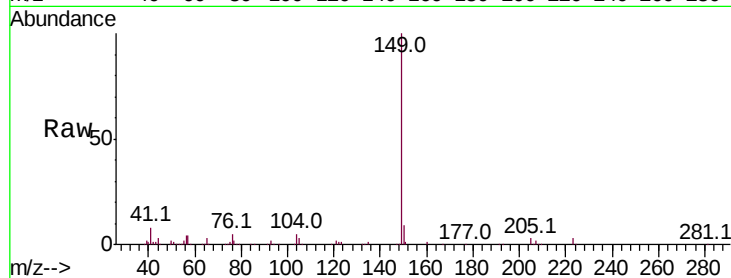




#76
Di-n-butylphthalate
Concen: 2.662 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

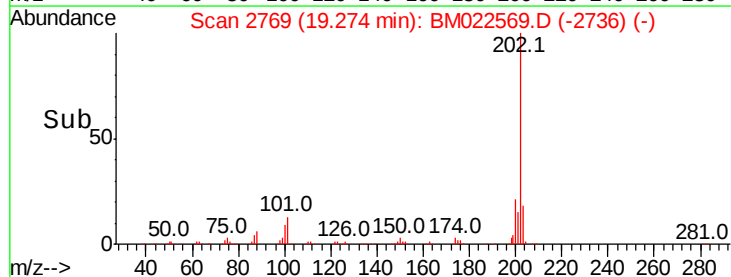
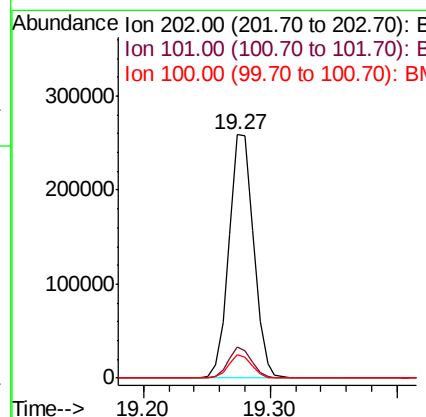
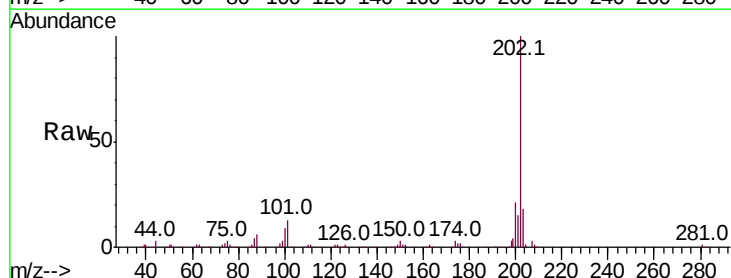
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

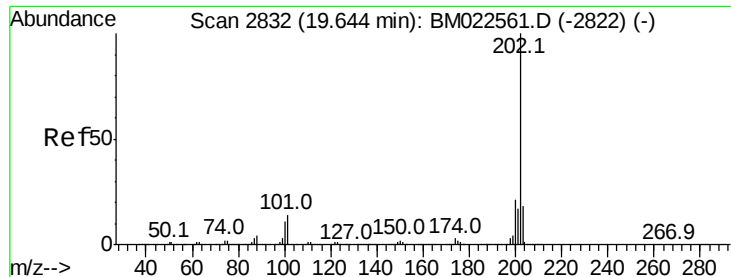
Tot Ion:149 Resp: 300884
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 5.5 3.9 5.9



#77
Fluoranthene
Concen: 3.174 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:202 Resp: 348180
Ion Ratio Lower Upper
202 100
101 13.0 8.8 13.2
100 9.4 6.3 9.5

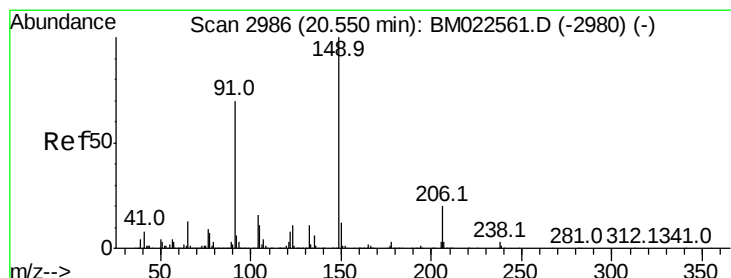
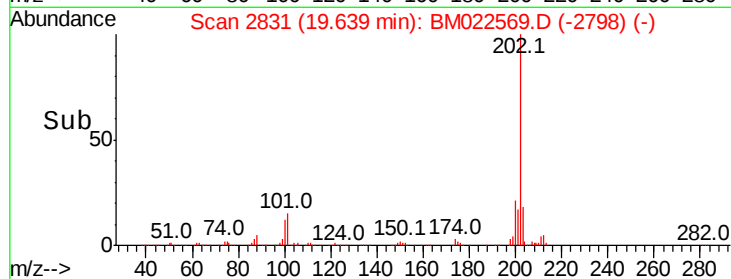
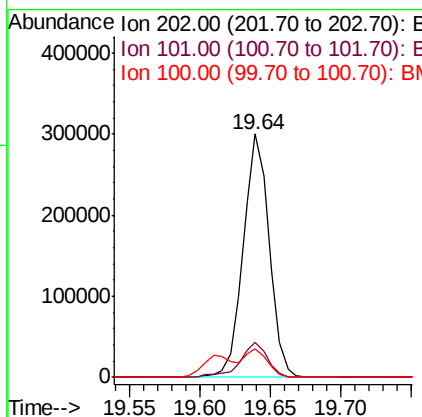
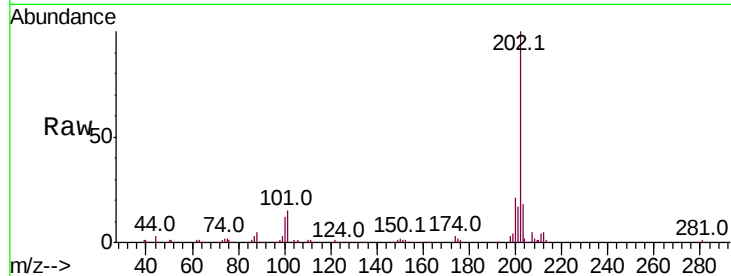




#80
Pvrene
Concen: 3.331 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

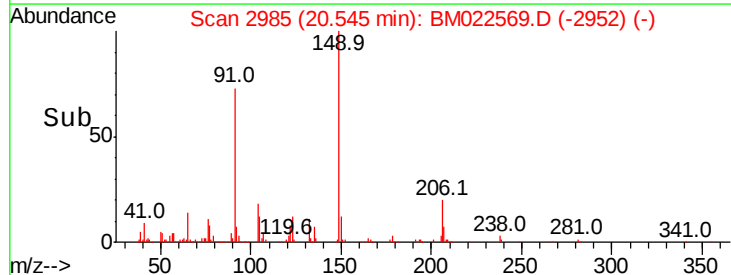
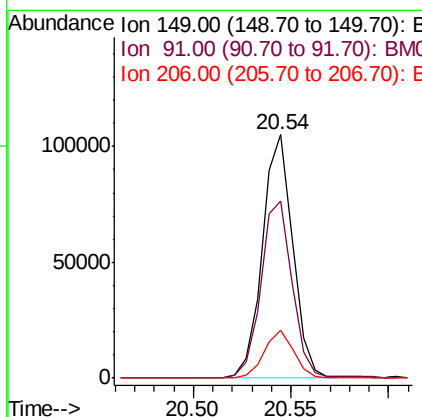
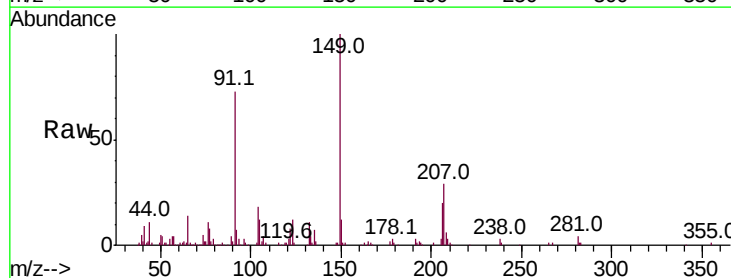
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

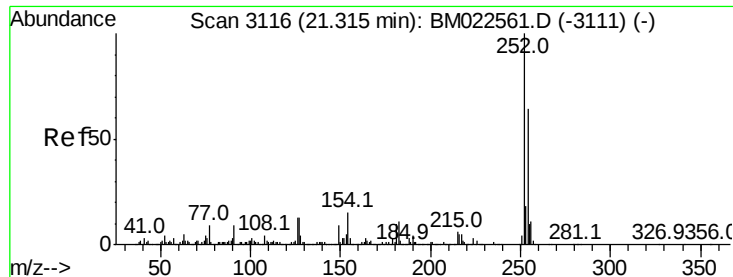
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.6	16.0
100	11.8	8.6	13.0



#81
Butylbenzylphthalate
Concen: 2.322 ng/ul
RT: 20.54 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	55.4	83.0
206	19.9	17.0	25.4





#82

3,3'-Dichlorobenzidine

Concen: 1.965 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

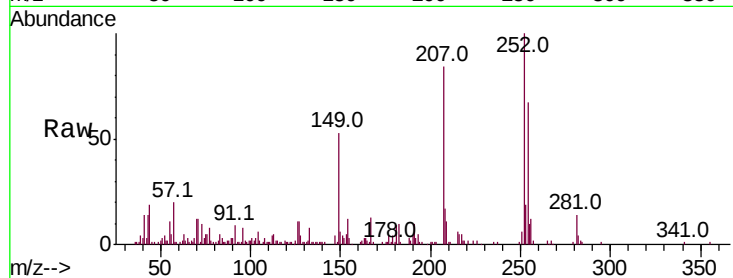
Tot Ion:252 Resp: 80167

Ion Ratio Lower Upper

252 100

254 66.8 51.2 76.8

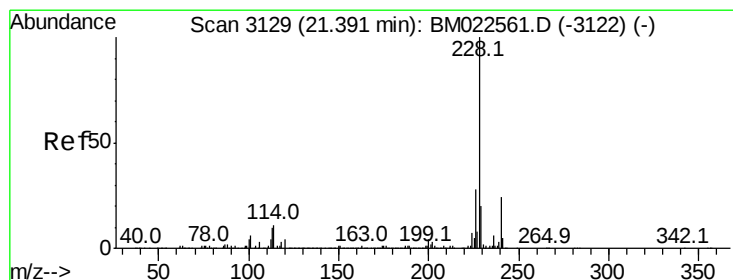
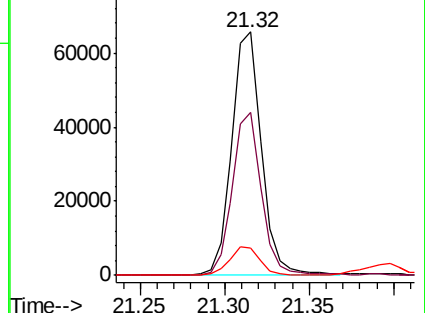
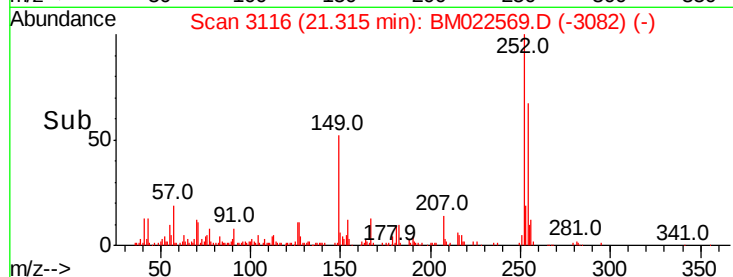
126 11.0 8.6 13.0



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: 3.222 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

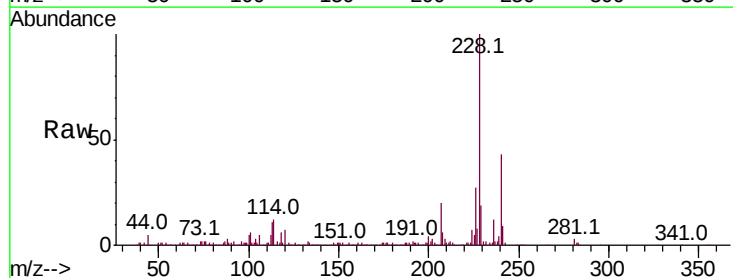
Tgt Ion:228 Resp: 383393

Ion Ratio Lower Upper

228 100

229 18.9 15.7 23.5

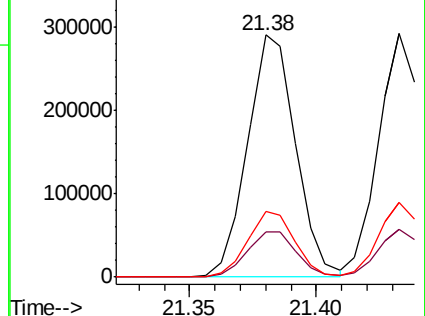
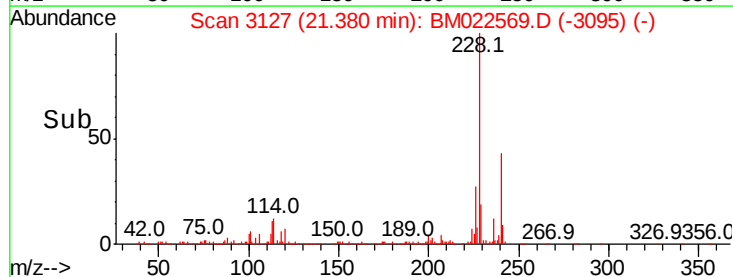
226 27.0 22.2 33.2

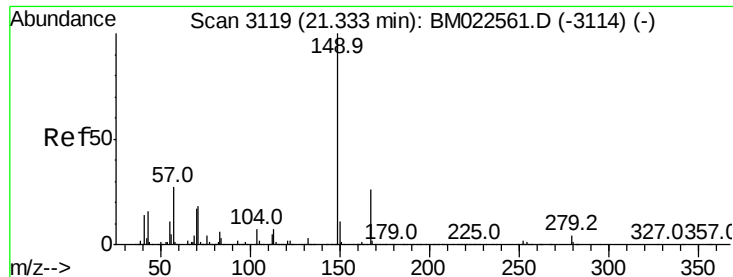


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

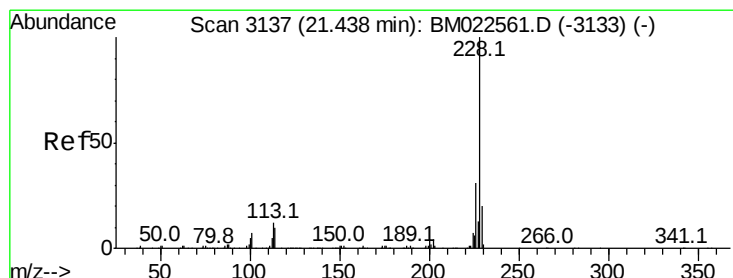
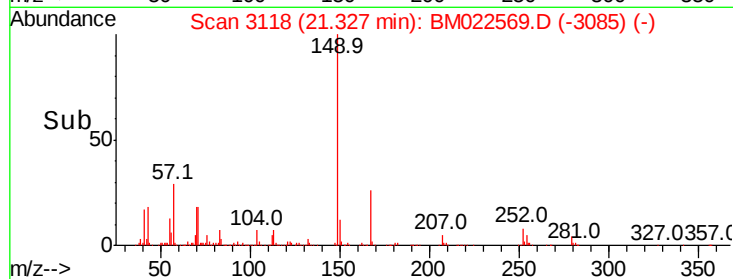
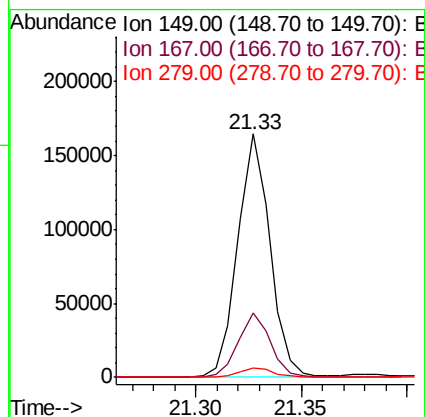
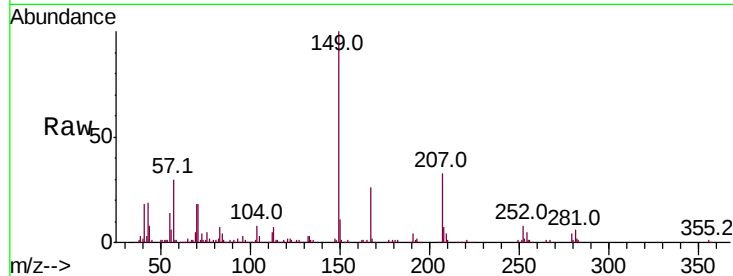




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.324 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

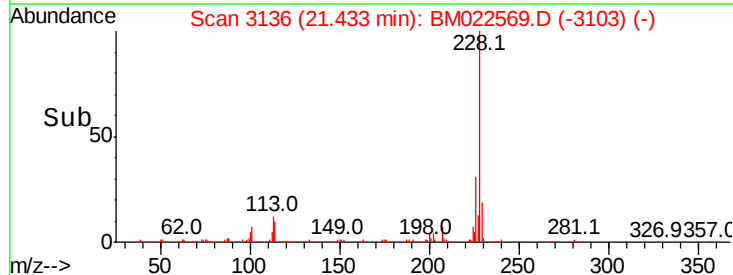
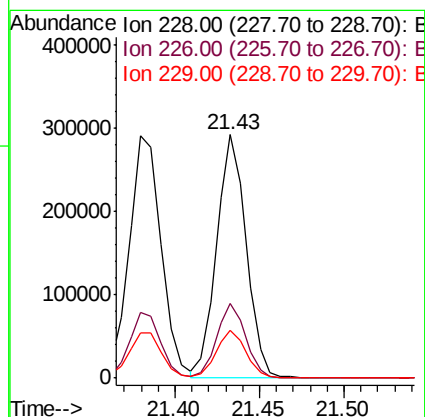
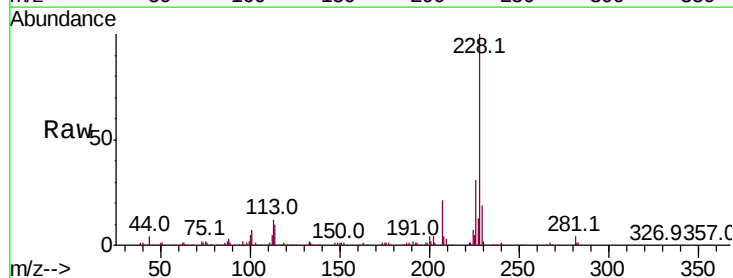
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

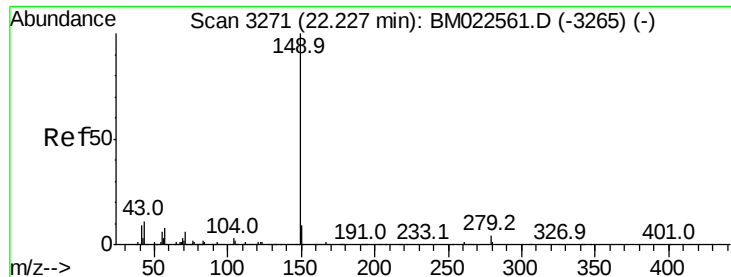
Tot Ion:149 Resp: 172626
Ion Ratio Lower Upper
149 100
167 26.4 21.7 32.5
279 4.1 3.5 5.3



#85
Chrysene
Concen: 3.262 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:228 Resp: 357249
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.5 15.8 23.6

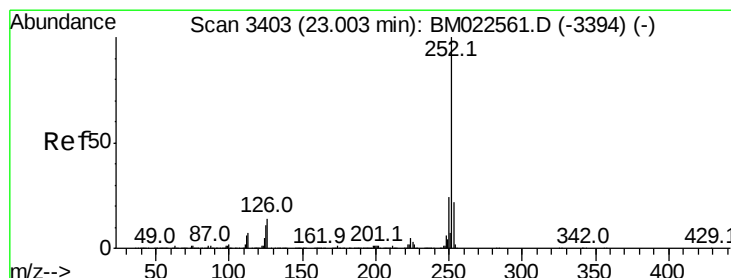
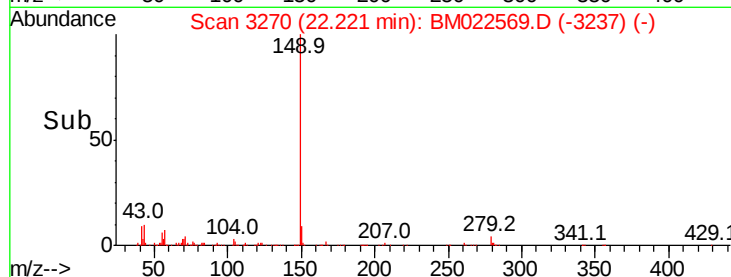
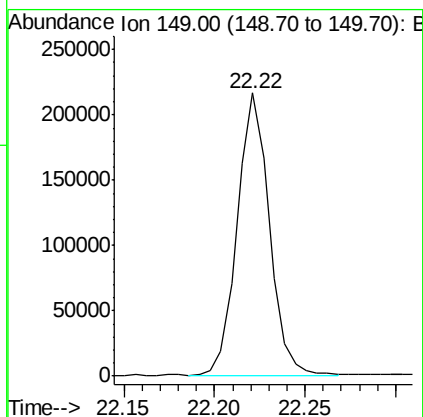
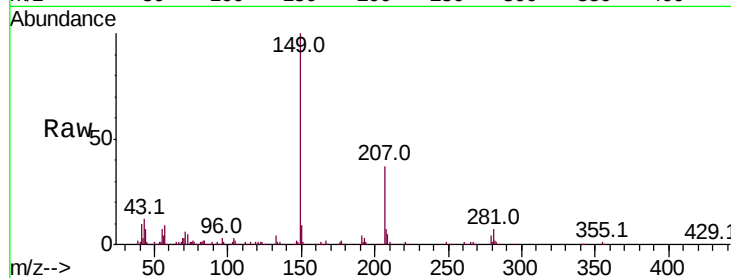




#87
Di-n-octyl phthalate
Concen: 1.996 ng/ul
RT: 22.22 min Scan# 3270
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

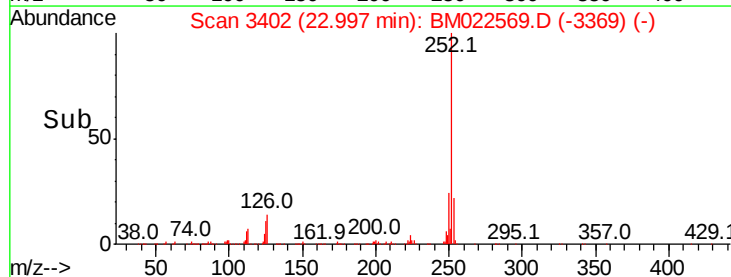
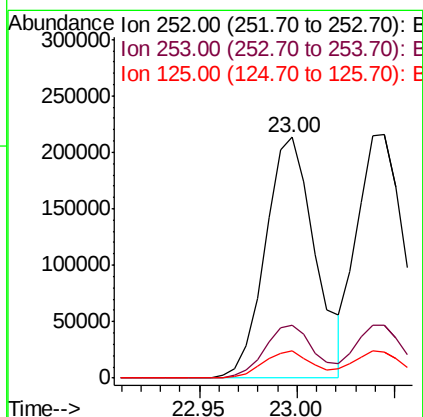
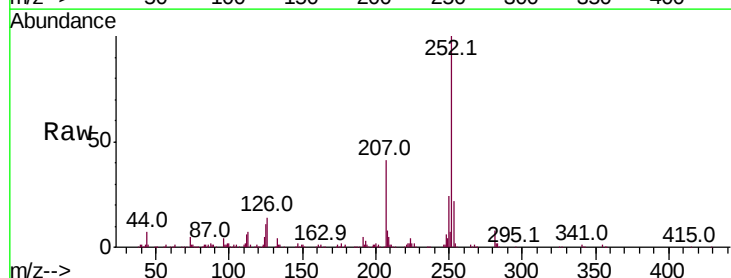
Instrument :
BNA_M
ClientSampleId :
MDL-S-07

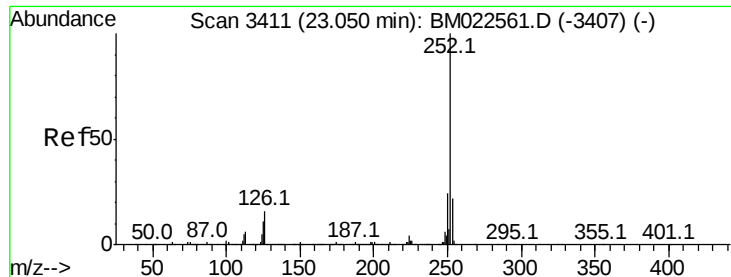
Tgt Ion:149 Resp: 265487



#88
Benzo(b)fluoranthene
Concen: 3.083 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:252 Resp: 376886
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 3.054 ng/ul

RT: 23.04 min Scan# 3410

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

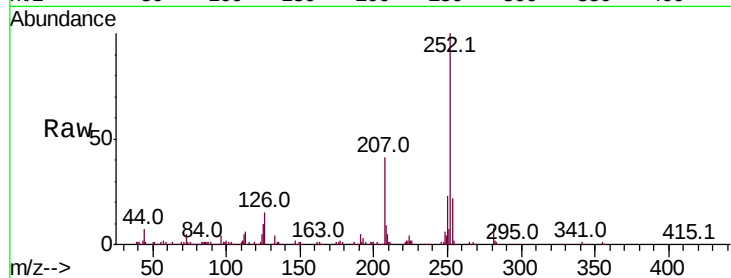
Tot Ion:252 Resp: 362776

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.5 8.2 12.2

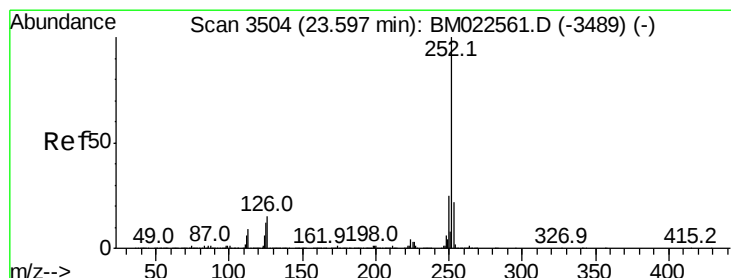
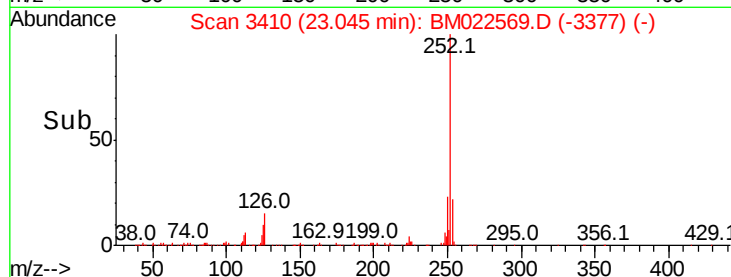
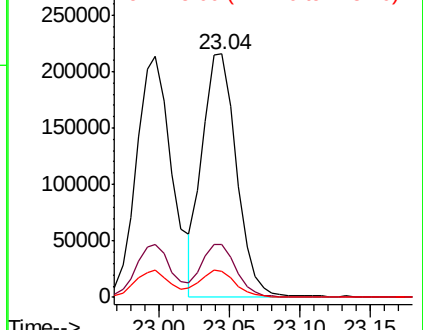


Abundance

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



#91

Benzo(a)pyrene

Concen: 3.232 ng/ul

RT: 23.59 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

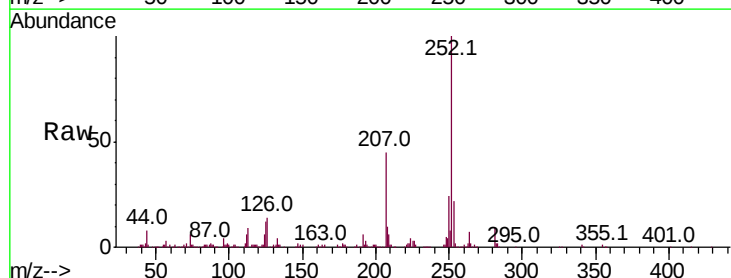
Tgt Ion:252 Resp: 376950

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.6 8.9 13.3

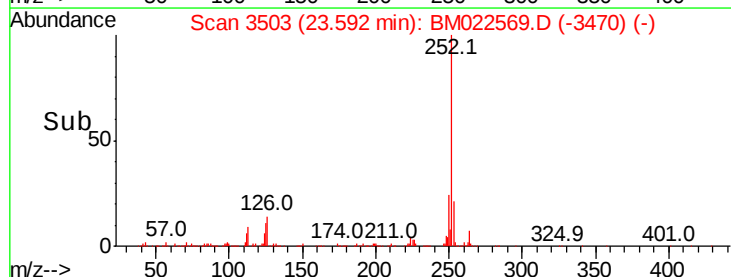
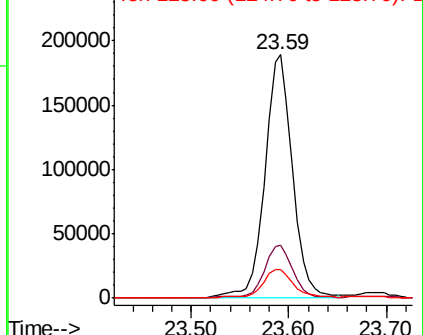


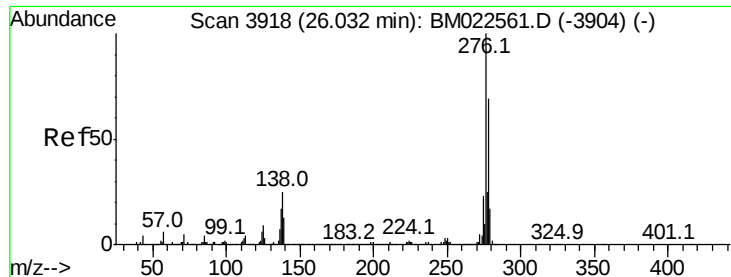
Abundance

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



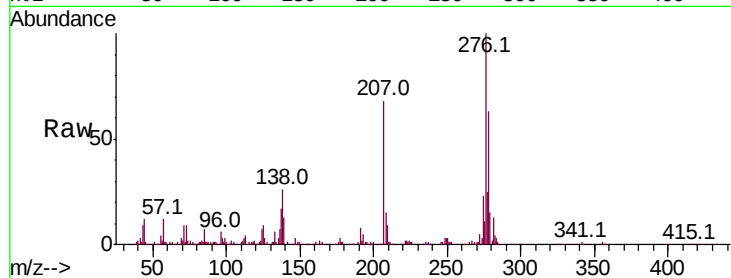


#92

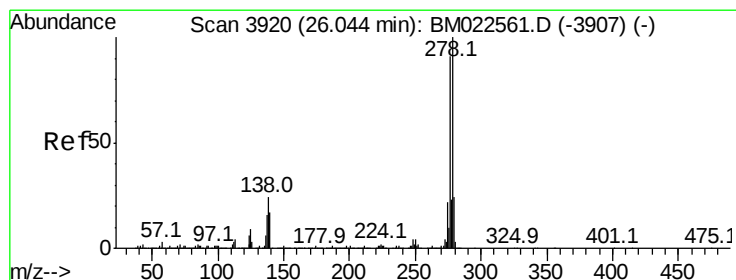
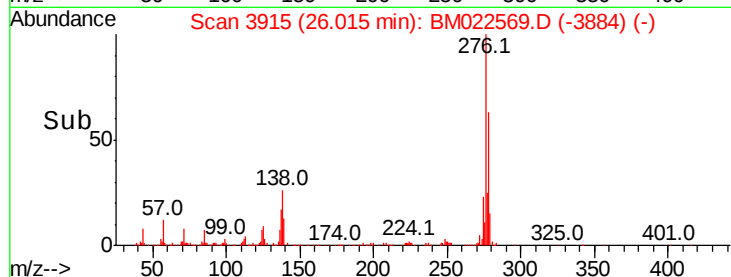
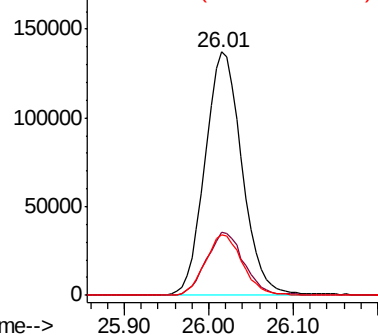
Indeno(1,2,3-cd)pyrene
Concen: 3.091 ng/ul
RT: 26.01 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Instrument :
BNA_M
ClientSampleId :
MDL-S-07

Tot Ion:276 Resp: 416550
Ion Ratio Lower Upper
276 100
138 25.8 19.2 28.8
277 24.7 19.8 29.8



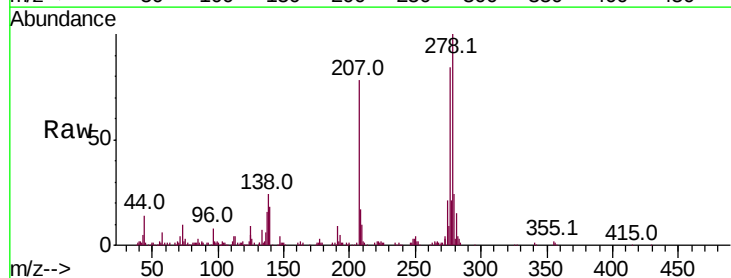
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



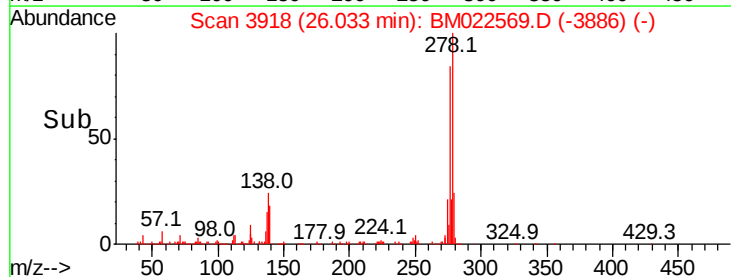
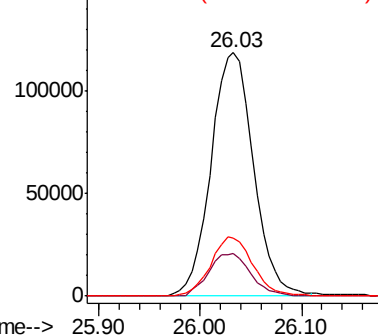
#93

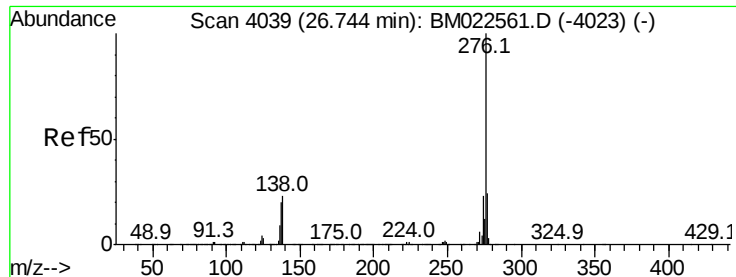
Dibenzo(a,h)anthracene
Concen: 3.089 ng/ul
RT: 26.03 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM022569.D
Acq: 07 Sep 2019 01:28

Tgt Ion:278 Resp: 346345
Ion Ratio Lower Upper
278 100
139 17.7 13.3 19.9
279 23.8 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: 3.062 ng/ul

RT: 26.73 min Scan# 4036

Delta R.T. -0.02 min

Lab File: BM022569.D

Acq: 07 Sep 2019 01:28

Instrument :

BNA_M

ClientSampleId :

MDL-S-07

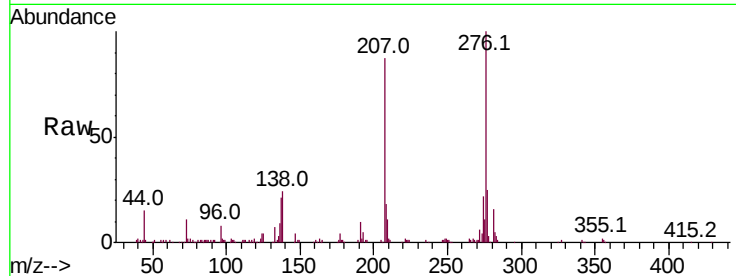
Tot Ion:276 Resp: 338978

Ion Ratio Lower Upper

276 100

138 23.7 17.0 25.6

277 24.9 18.8 28.2

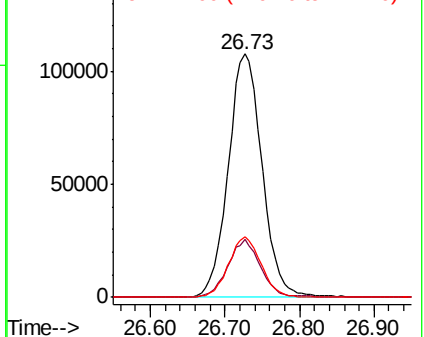
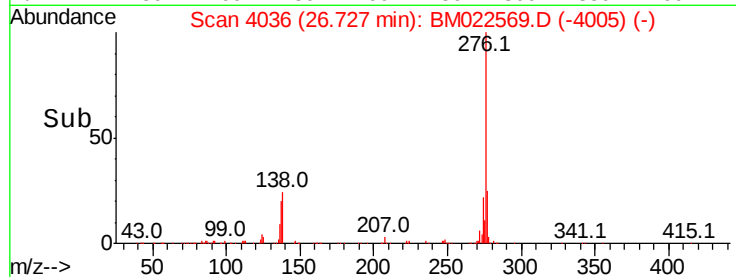


Abundance

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 : BM022569.D
 Acq On : 07 Sep 2019 01:28
 Operator : HP/JU
 Sample : MDL-S-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Quant Time: Sep 08 01:35:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 06 23:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	266177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1200877	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	767315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1578915	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1604236	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1858191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	40299	6.31	ng/uL	0.00
5) Phenol-d5	7.01	99	656774	26.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	410083	29.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	530903	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	537698	26.94	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	256701	29.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	231509	28.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	506642	24.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	778085	29.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1731465	27.85	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	2163573	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	287126	27.04	ng/ul	0.00
58) Fluorene-d10	15.48	176	1455761	27.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	174475	24.31	ng/ul	0.00
71) Anthracene-d10	17.32	188	2281819	28.21	ng/ul	0.00
79) Pyrene-d10	19.61	212	2479307	27.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	2670073	26.73	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	9214	1.434	ng/uL 97
4) Benzaldehyde	6.99	77	36473	2.845	ng/ul 96
6) Phenol	7.04	94	82091	3.200	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.27	93	65861	3.380	ng/ul 98
10) 2-Chlorophenol	7.42	128	65457	3.211	ng/ul 99
11) 2-Methylphenol	8.29	108	58161	2.905	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	101377	3.537	ng/ul 98
14) Acetophenone	8.67	105	107226	3.442	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.66	70	54229	3.223	ng/ul 96
16) 4-Methylphenol	8.62	108	66460	3.074	ng/ul 100
17) Hexachloroethane	8.95	117	26250	3.251	ng/ul 99
20) Nitrobenzene	9.05	77	79888	3.686	ng/ul 98
21) Isophorone	9.58	82	147942	3.046	ng/ul 99
23) 2-Nitrophenol	9.76	139	31219	3.292	ng/ul 96
24) 2,4-Dimethylphenol	9.82	107	72819	3.063	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.06	93	92070	3.233	ng/ul 99
27) 2,4-Dichlorophenol	10.29	162	61477	3.070	ng/ul 93
28) Naphthalene	10.70	128	222660	3.344	ng/ul 98
30) 4-Chloroaniline	10.80	127	89466	3.251	ng/ul 96
31) Hexachlorobutadiene	11.00	225	37435	3.034	ng/ul 98
32) Caprolactam	11.58	113	17339	2.326	ng/ul 96
33) 4-Chloro-3-methylphenol	11.92	107	61420	2.779	ng/ul 95
34) 2-Methylnaphthalene	12.31	142	161958	3.229	ng/ul 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
 Data File : BM022569.D
 Acq On : 07 Sep 2019 01:28
 Operator : HP/JU
 Sample : MDL-S-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-07

Quant Time: Sep 08 01:35:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 06 23:41:25 2019
 Response via : Initial Calibration

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

35) 1-Methylnaphthalene	12.53	142	154017	3.214	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	76578	3.093	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	38763	2.540	ng/ul	100
39) 2,4,6-Trichlorophenol	12.92	196	39764	2.566	ng/ul	100
40) 2,4,5-Trichlorophenol	12.98	196	47683	2.837	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	212231	3.322	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	158666	3.280	ng/ul	98
43) 2-Nitroaniline	13.55	65	34143	3.023	ng/ul	93
45) Dimethylphthalate	13.94	163	206754	3.276	ng/ul	98
46) 2,6-Dinitrotoluene	14.05	165	27691	2.695	ng/ul	94
48) Acenaphthylene	14.21	152	256162	3.317	ng/ul	99
49) 3-Nitroaniline	14.37	138	27962	2.510	ng/ul	99
50) Acenaphthene	14.55	153	176041	3.290	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	11895	2.523	ng/ul#	84
53) 4-Nitrophenol	14.67	109	28644	3.357	ng/ul	89
54) Dibenzofuran	14.89	168	248266	3.343	ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	45377	3.015	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.11	232	35718	2.558	ng/ul	99
57) Diethylphthalate	15.31	149	200745	3.074	ng/ul	100
59) Fluorene	15.53	166	202188	3.309	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	97977	3.240	ng/ul	98
61) 4-Nitroaniline	15.53	138	32564	2.565	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	23092	2.781	ng/ul#	72
65) N-Nitrosodiphenylamine	15.74	169	171741	3.187	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	57697	2.925	ng/ul	97
67) Hexachlorobenzene	16.54	284	68417	3.147	ng/ul	96
68) Atrazine	16.69	200	51495	2.486	ng/ul	98
69) Pentachlorophenol	16.87	266	25212	2.102	ng/ul	96
70) Phenanthrene	17.27	178	319532	3.305	ng/ul	98
72) Anthracene	17.36	178	324864	3.271	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	76553	3.114	ng/uL	98
74) Pentachlorobenzene	14.81	250	76624	3.092	ng/uL	97
75) Carbazole	17.62	167	285318	3.197	ng/ul	99
76) Di-n-butylphthalate	18.20	149	300884	2.662	ng/ul	99
77) Fluoranthene	19.27	202	348180	3.174	ng/ul	95
80) Pvrene	19.64	202	386780	3.331	ng/ul	97
81) Butylbenzylphthalate	20.54	149	113679	2.322	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	80167	1.965	ng/ul	97
83) Benzo(a)anthracene	21.38	228	383393	3.222	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	172626	2.324	ng/ul	99
85) Chrysene	21.43	228	357249	3.262	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	265487	1.996	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	376886	3.083	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	362776	3.054	ng/ul	99
91) Benzo(a)pyrene	23.59	252	376950	3.232	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	416550	3.091	ng/ul	98
93) Dibenzo(a,h)anthracene	26.03	278	346345	3.089	ng/ul	99
94) Benzo(a,h,i)perylene	26.73	276	338978	3.062	ng/ul	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022569.D
Acq On : 07 Sep 2019 01:28
Operator : HP/JU
Sample : MDL-S-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-07

Quant Time: Sep 08 01:35:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 06 23:41:25 2019
Response via : Initial Calibration

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

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