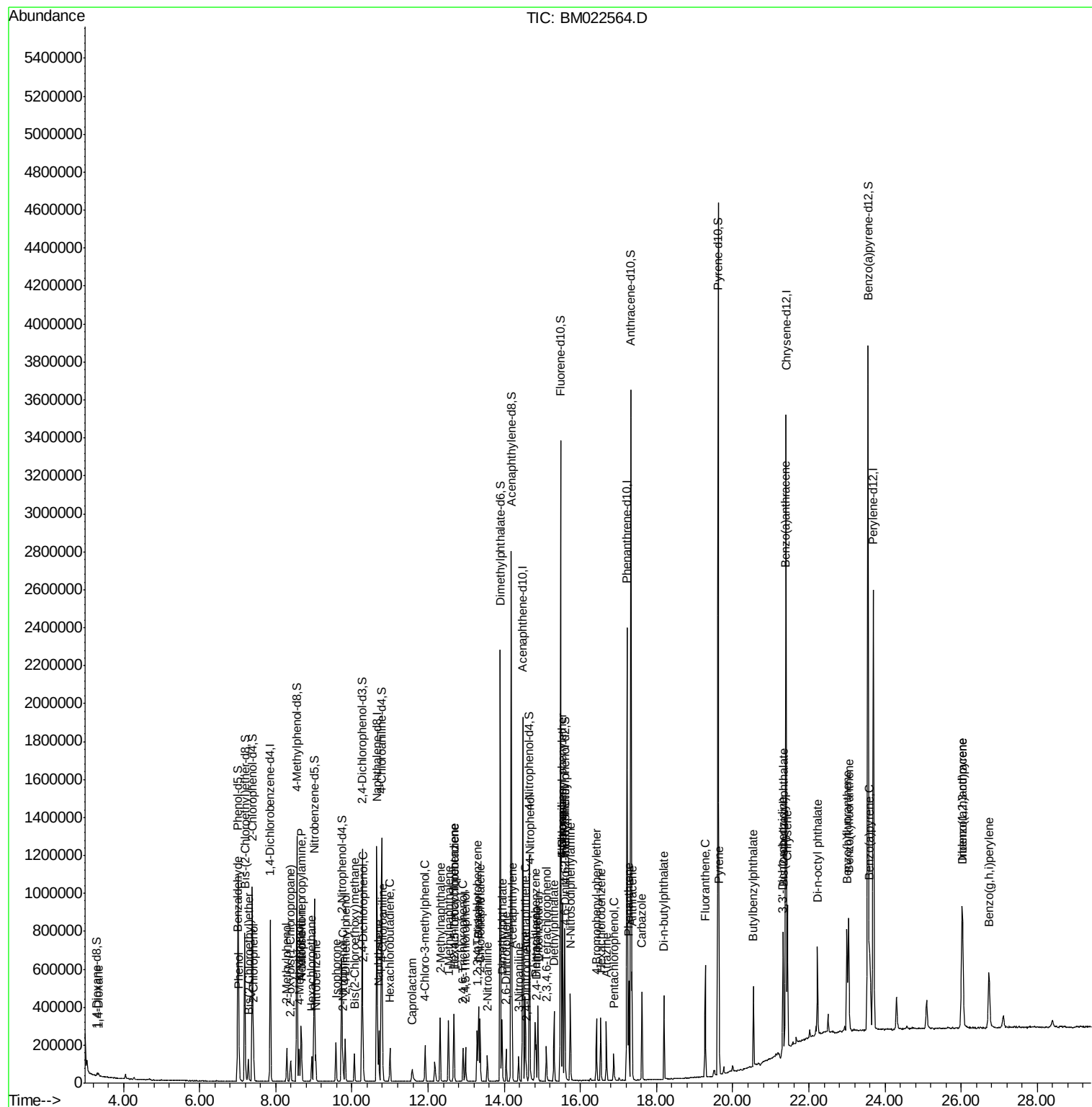
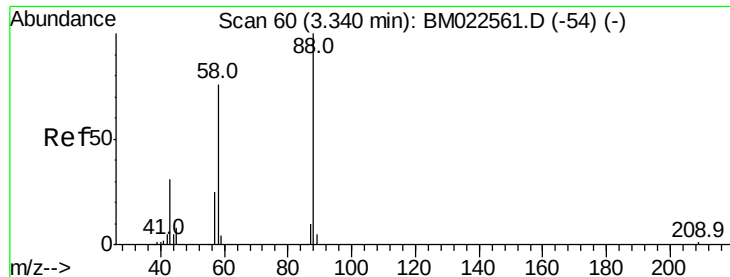


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-02

Quant Time: Sep 06 23:22:50 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: 1.525 ng/uL

RT: 3.34 min Scan# 60

Delta R.T. 0.00 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

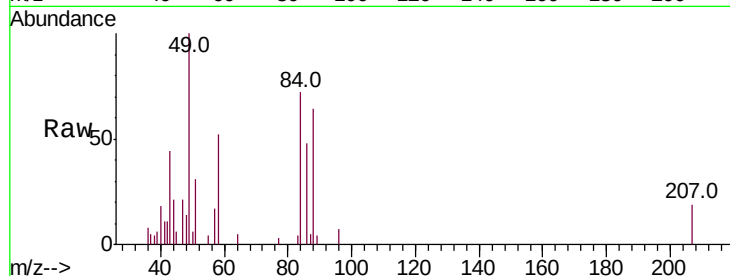
Tot Ion: 88 Resp: 8068

Ion Ratio Lower Upper

88 100

43 68.5 37.9 56.9#

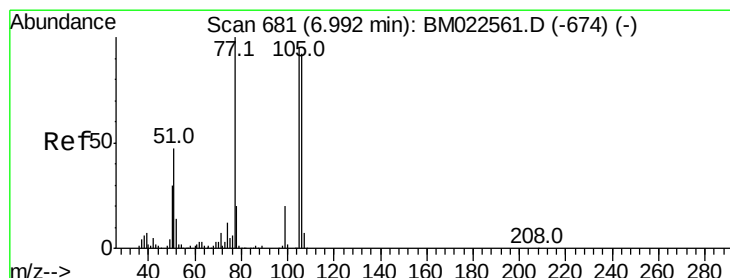
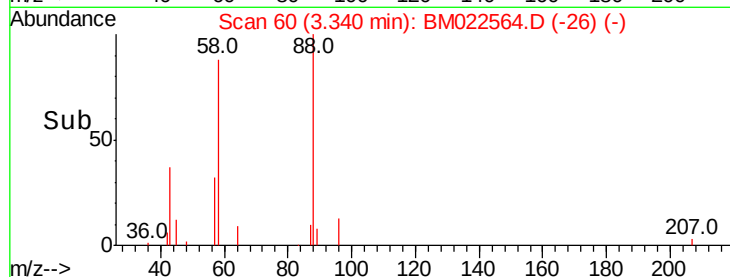
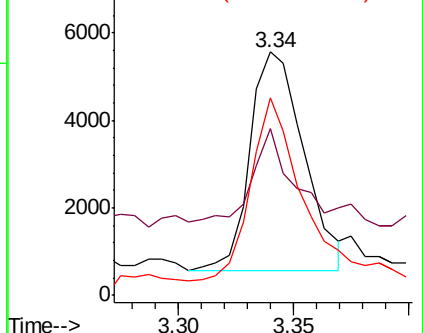
58 81.0 59.4 89.0



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: 3.280 ng/uL

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

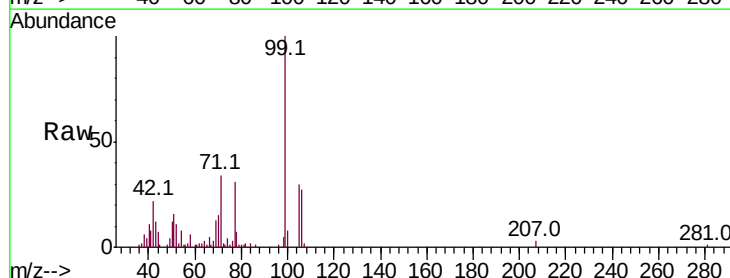
Tgt Ion: 77 Resp: 34623

Ion Ratio Lower Upper

77 100

105 96.6 79.0 118.6

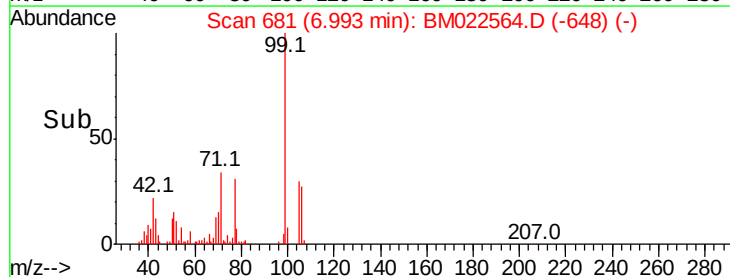
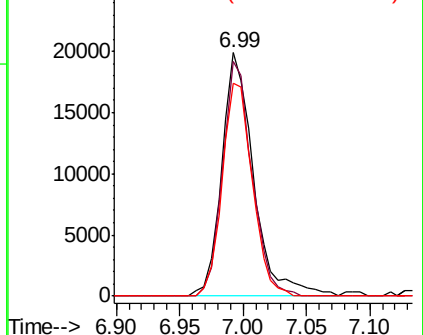
106 87.4 75.1 112.7

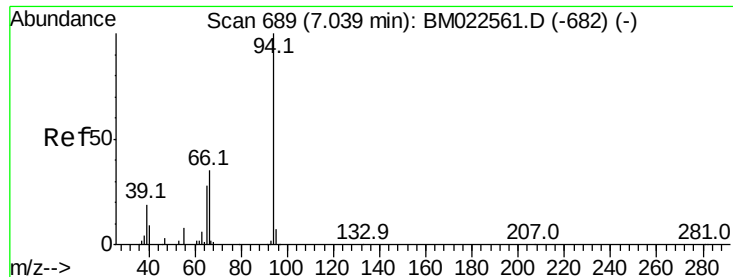


Abundance Ion 77.00 (76.70 to 77.70): BM022561.D (-674) (-)

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: 3.759 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

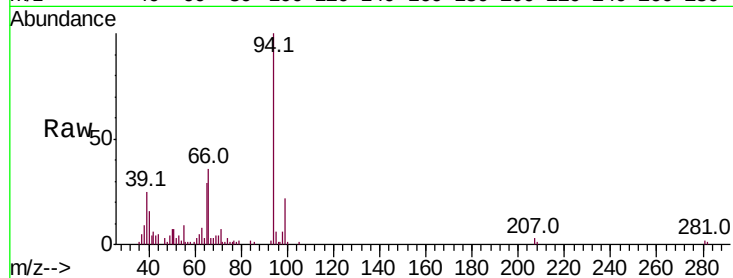
BNA_M

ClientSampleId :

MDL-S-02

Tot Ion: 94 Resp: 79412

Ion	Ratio	Lower	Upper
94	100		
65	29.4	22.8	34.2
66	36.3	29.1	43.7

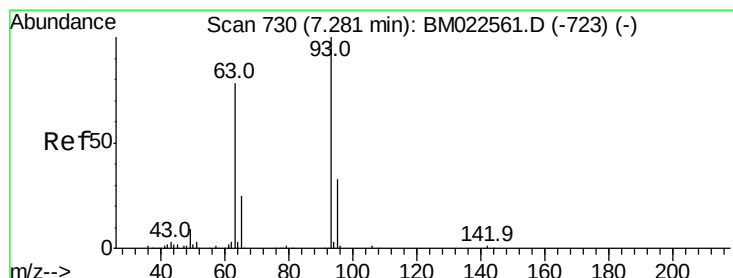
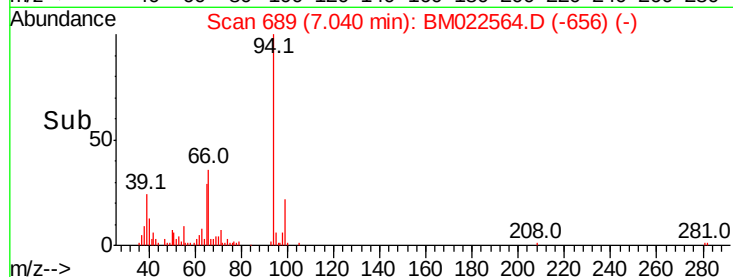
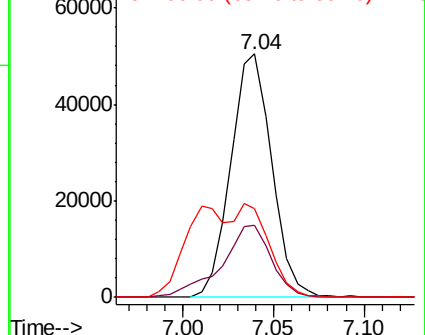


Abundance

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: 3.907 ng/ul

RT: 7.28 min Scan# 730

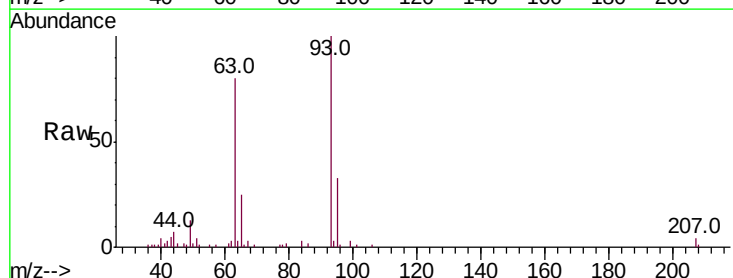
Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Tgt Ion: 93 Resp: 62688

Ion	Ratio	Lower	Upper
93	100		
63	79.9	62.2	93.2
95	33.4	26.6	39.8

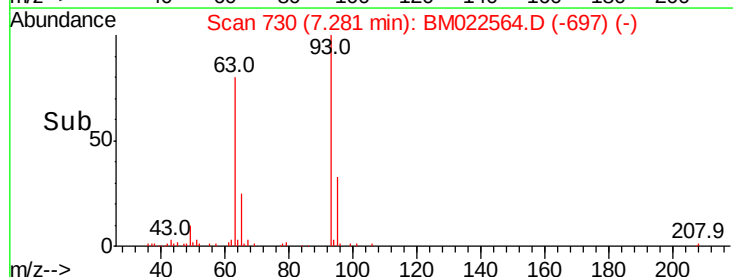
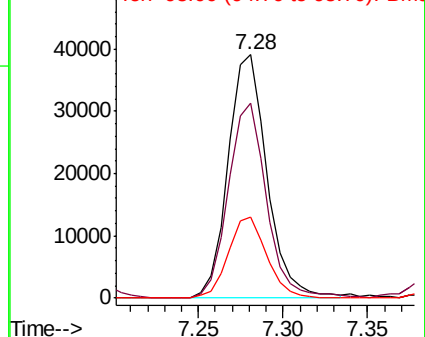


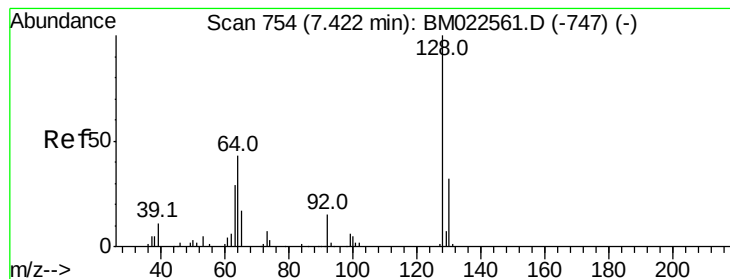
Abundance

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: 3.767 ng/ul

RT: 7.42 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

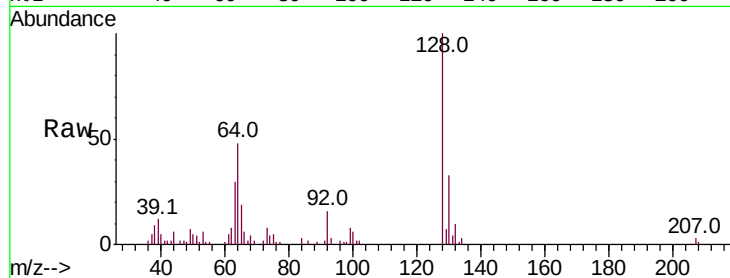
Tot Ion:128 Resp: 63227

Ion Ratio Lower Upper

128 100

64 48.2 36.0 54.0

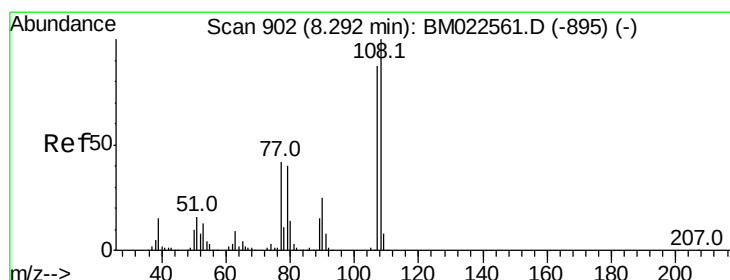
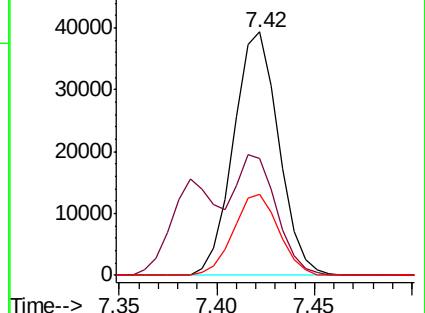
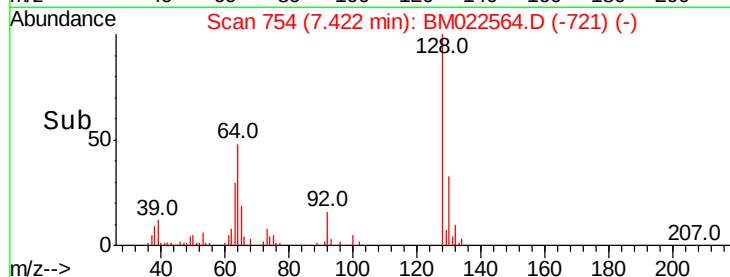
130 33.3 26.1 39.1



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: 3.411 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. -0.01 min

Lab File: BM022564.D

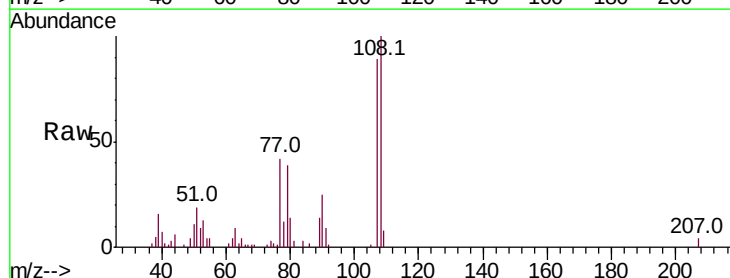
Acq: 06 Sep 2019 22:26

Tgt Ion:108 Resp: 56226

Ion Ratio Lower Upper

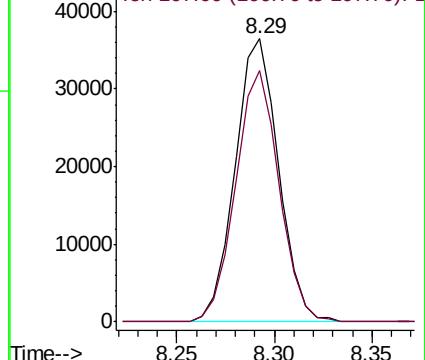
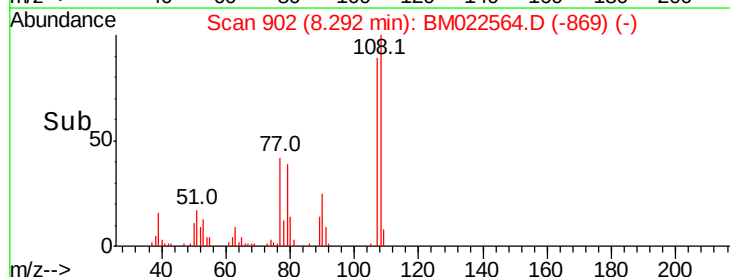
108 100

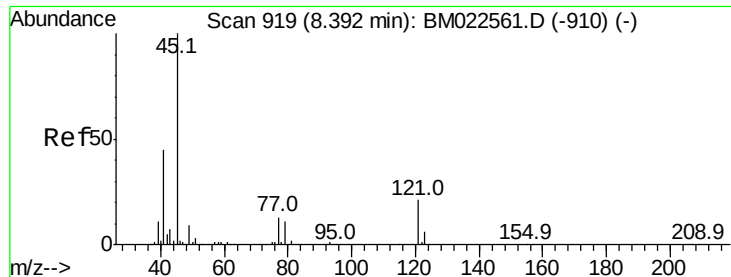
107 89.0 70.7 106.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

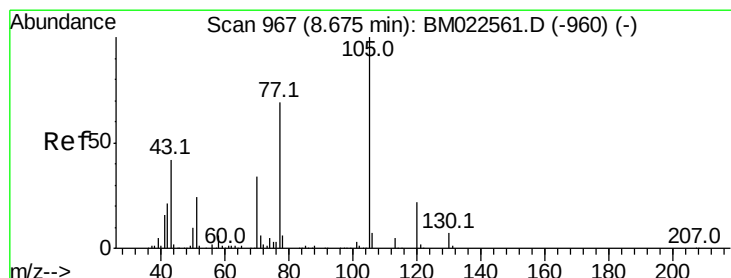
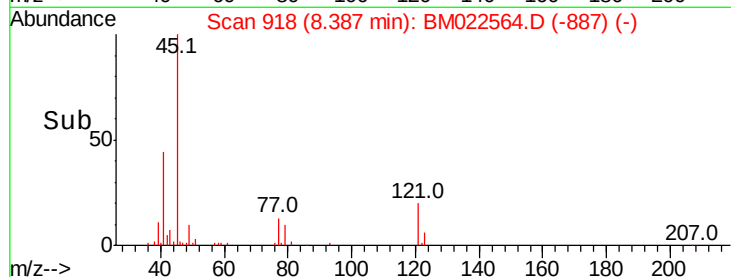
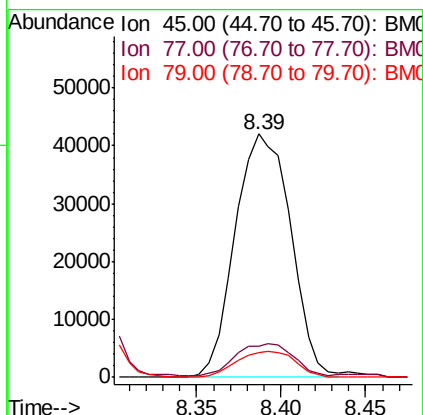
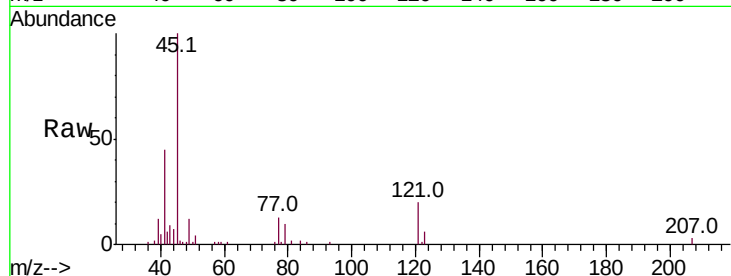




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.058 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

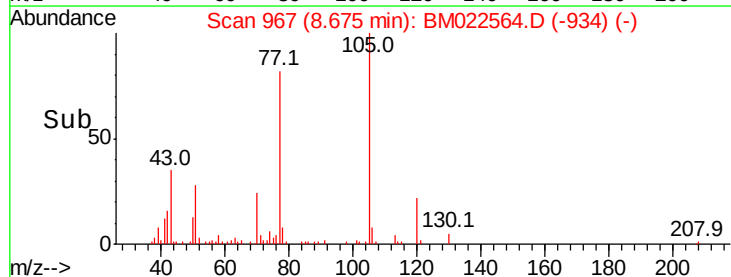
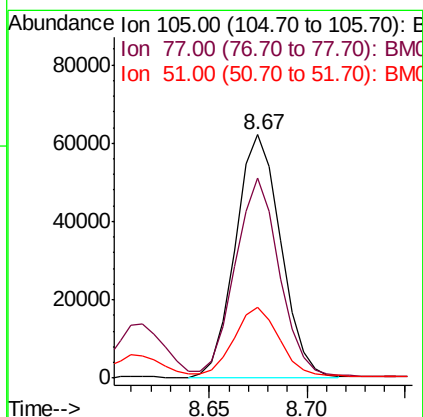
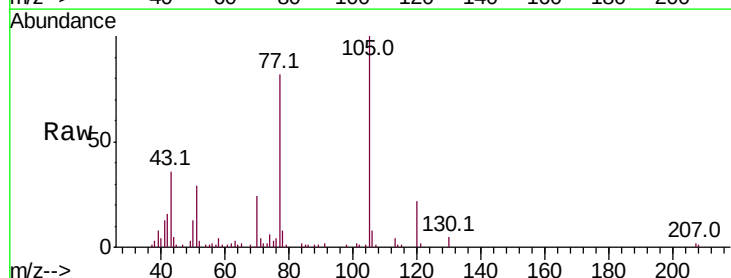
Instrument :
BNA_M
ClientSampled :
MDL-S-02

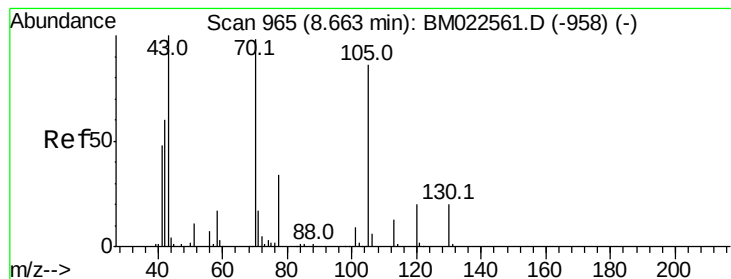
Tot Ion: 45 Resp: 95752
Ion Ratio Lower Upper
45 100
77 12.9 11.6 17.4
79 9.9 9.0 13.6



#14
Acetophenone
Concen: 3.926 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 105 Resp: 100677
Ion Ratio Lower Upper
105 100
77 82.3 62.1 93.1
51 29.0 21.8 32.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.706 ng/ul

RT: 8.66 min Scan# 965

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

Tot Ion: 70 Resp: 51333

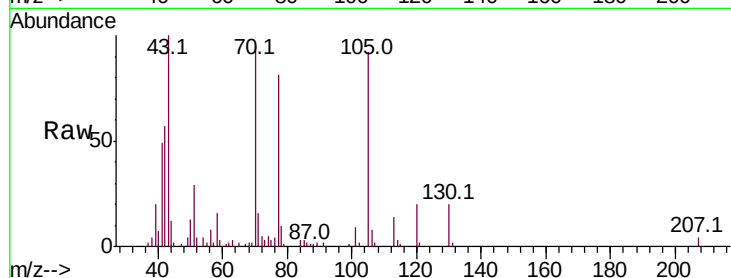
Ion Ratio Lower Upper

70 100

42 60.3 48.3 72.5

101 9.2 8.2 12.2

130 20.8 18.1 27.1

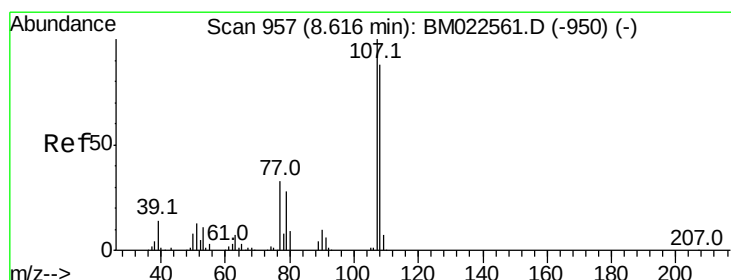
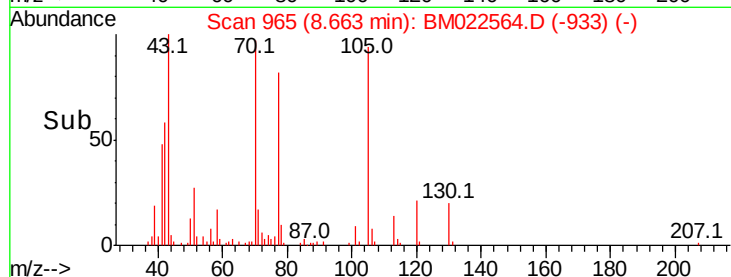
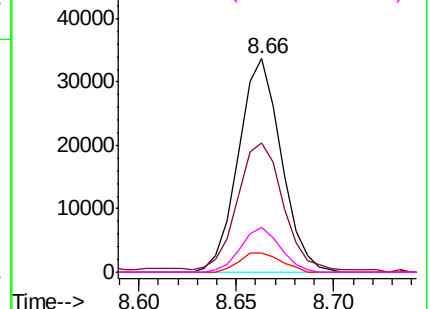


Abundance Ion 70.00 (69.70 to 70.70): BM022561.D (-958) (-)

Ion 42.00 (41.70 to 42.70): BM022561.D (-958) (-)

Ion 101.00 (100.70 to 101.70): BM022561.D (-958) (-)

Ion 130.00 (129.70 to 130.70): BM022561.D (-958) (-)



#16

4-Methylphenol

Concen: 3.644 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM022564.D

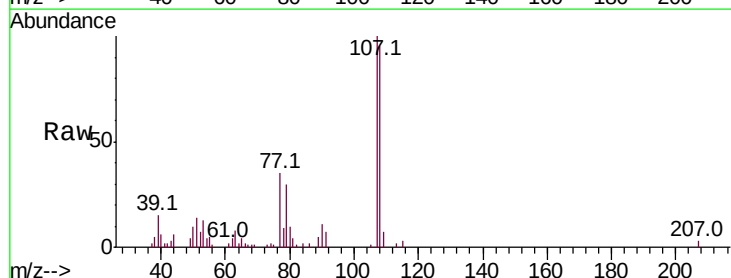
Acq: 06 Sep 2019 22:26

Tgt Ion: 108 Resp: 64871

Ion Ratio Lower Upper

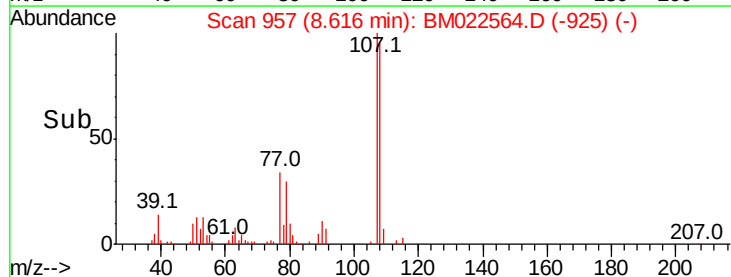
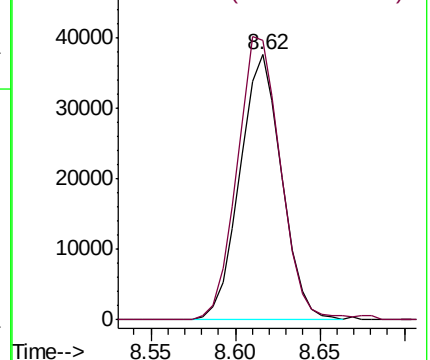
108 100

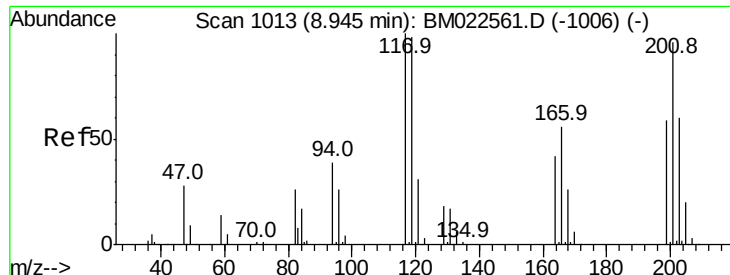
107 105.8 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): BM022561.D (-950) (-)

Ion 107.00 (106.70 to 107.70): BM022561.D (-950) (-)

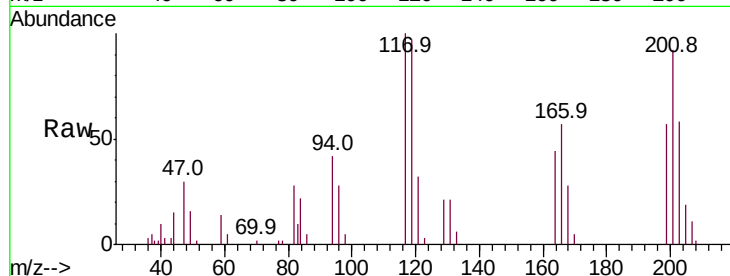




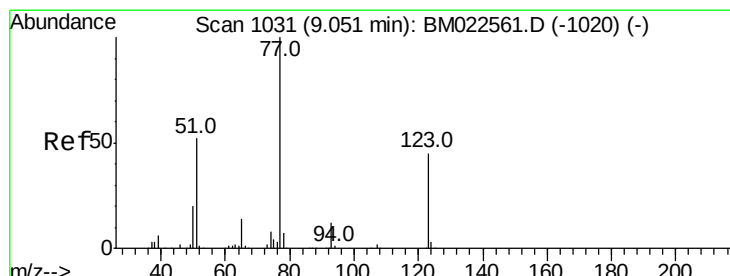
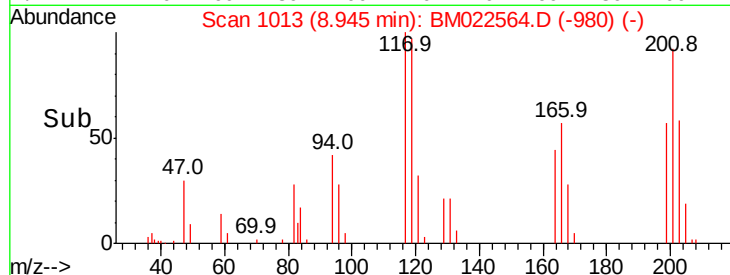
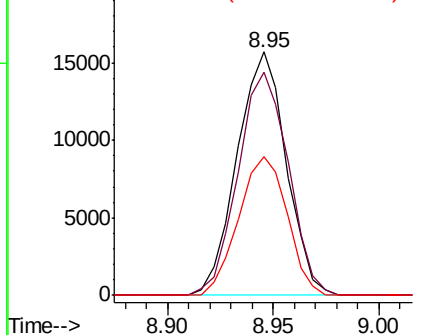
#17
 Hexachloroethane
 Concen: 3.817 ng/ul
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

Tot Ion:117 Resp: 25379
 Ion Ratio Lower Upper
 117 100
 201 91.6 77.6 116.4
 199 57.0 47.6 71.4

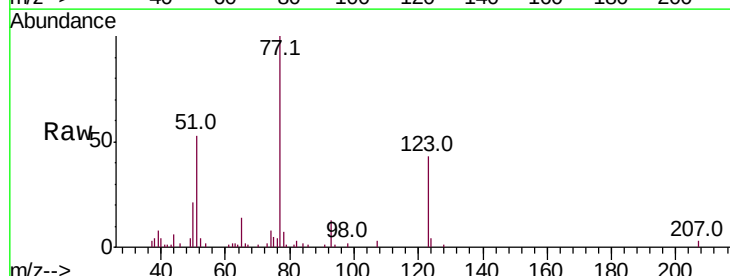


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

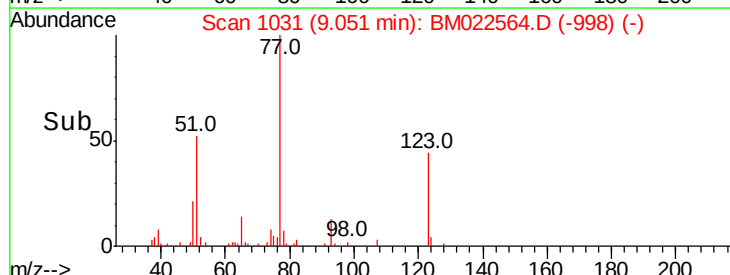
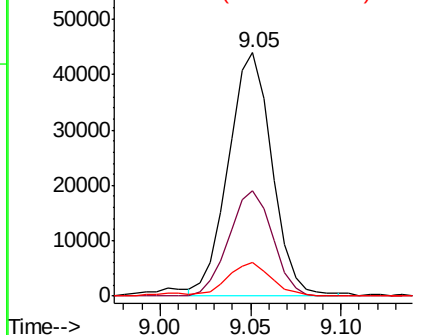


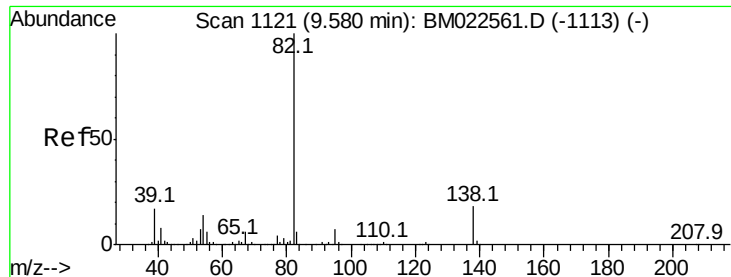
#20
 Nitrobenzene
 Concen: 4.111 ng/ul
 RT: 9.05 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion: 77 Resp: 73793
 Ion Ratio Lower Upper
 77 100
 123 43.2 35.8 53.6
 65 13.8 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM

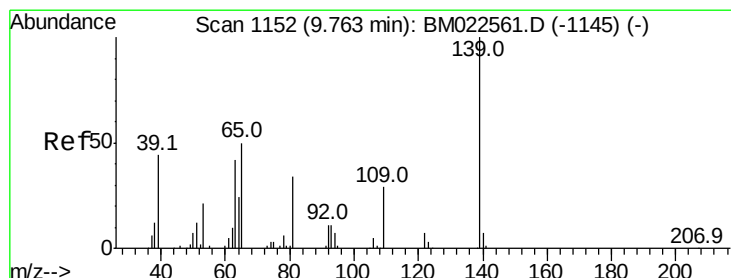
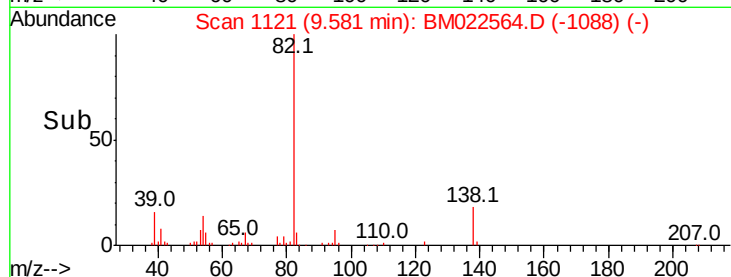
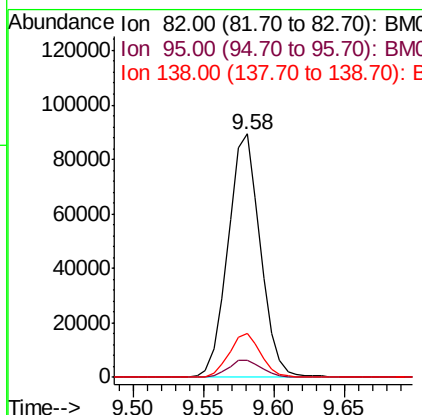
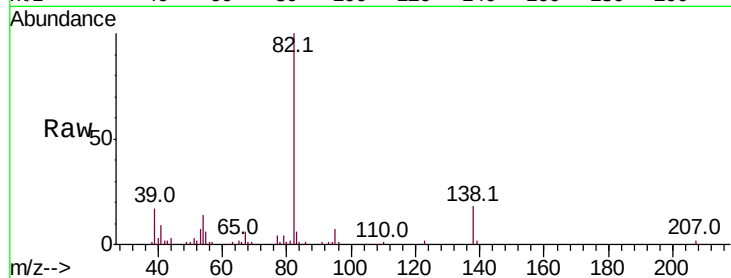




#21
Isophorone
Concen: 3.553 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

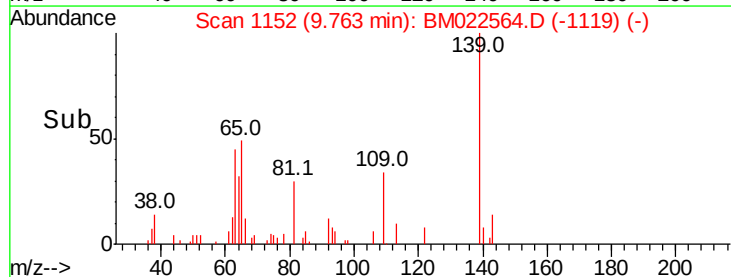
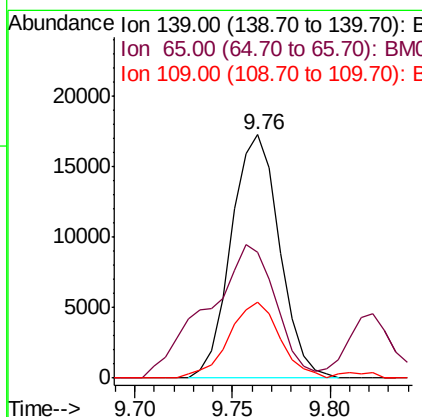
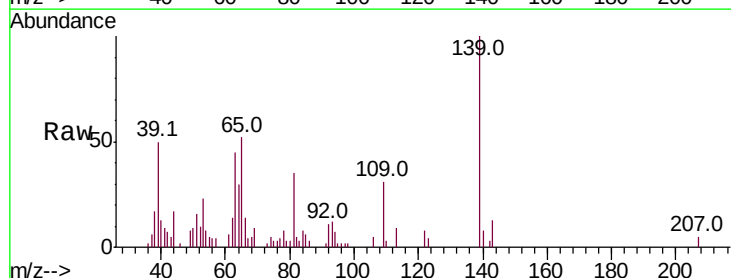
Instrument :
BNA_M
ClientSampleId :
MDL-S-02

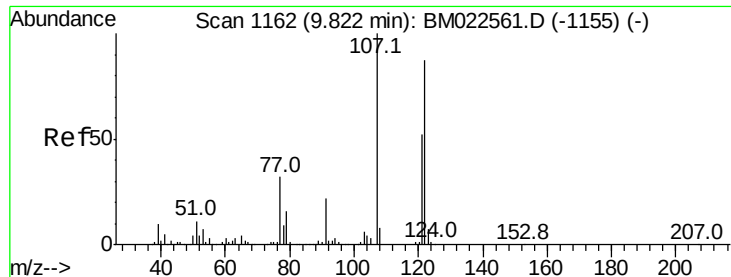
Tot Ion: 82 Resp: 142889
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 14.4 21.6



#23
2-Nitrophenol
Concen: 3.762 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 139 Resp: 29539
Ion Ratio Lower Upper
139 100
65 51.8 39.3 58.9
109 31.3 23.5 35.3

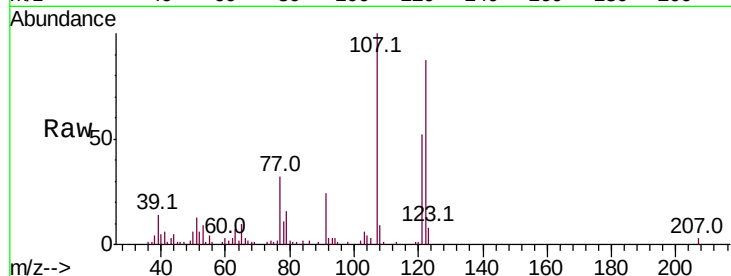




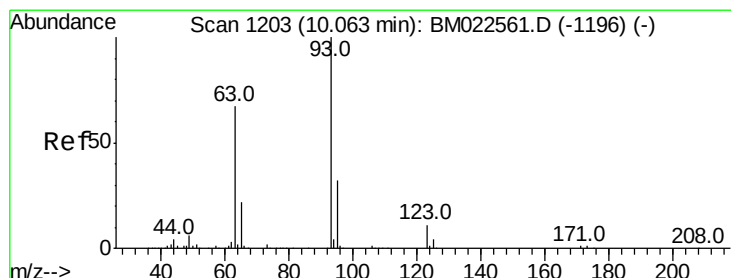
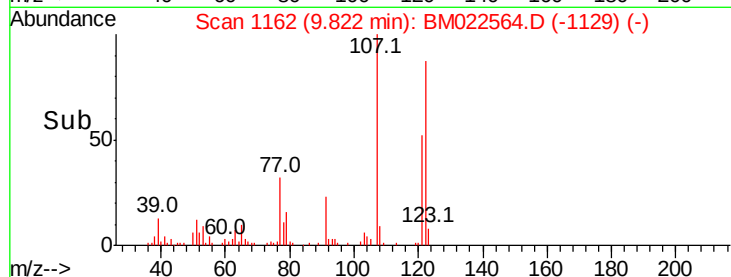
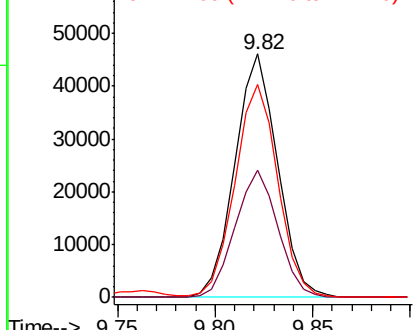
#24
 2,4-Dimethylphenol
 Concen: 3.548 ng/ul
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

Tot Ion:107 Resp: 69840
 Ion Ratio Lower Upper
 107 100
 121 52.0 40.2 60.4
 122 87.3 70.2 105.2

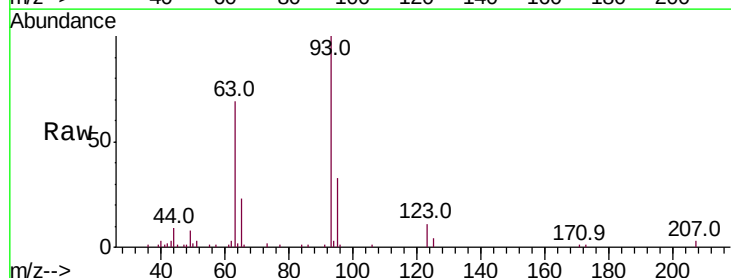


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

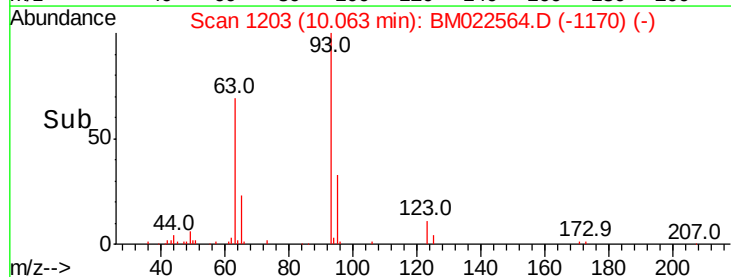
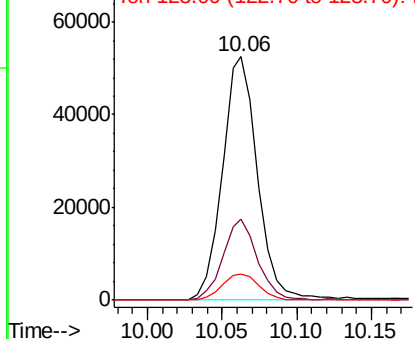


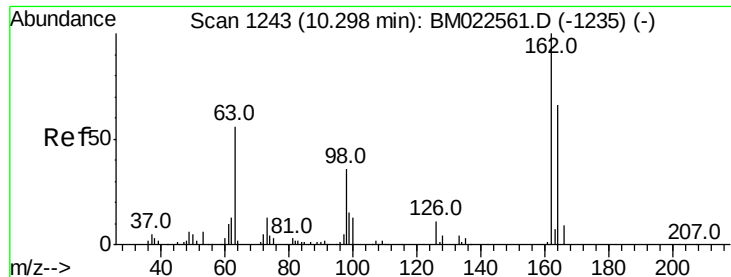
#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.661 ng/ul
 RT: 10.06 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion: 93 Resp: 86331
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.1 39.1
 123 10.7 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: 3.508 ng/ul

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

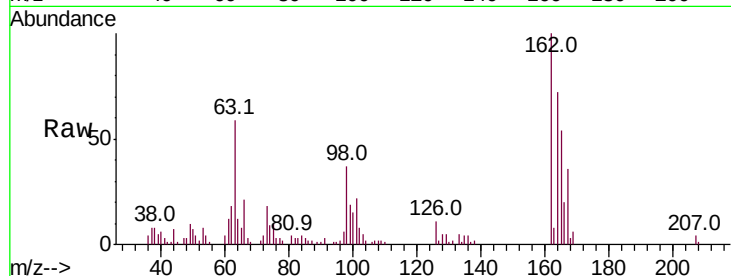
Tot Ion:162 Resp: 58174

Ion Ratio Lower Upper

162 100

164 71.9 52.1 78.1

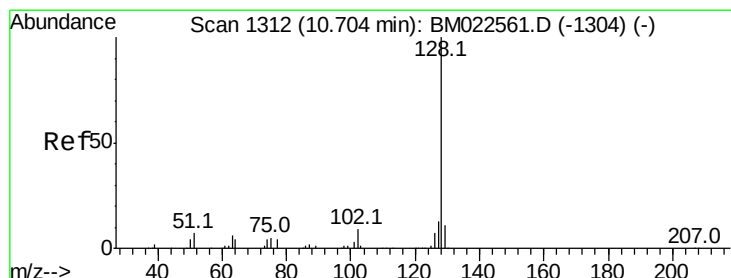
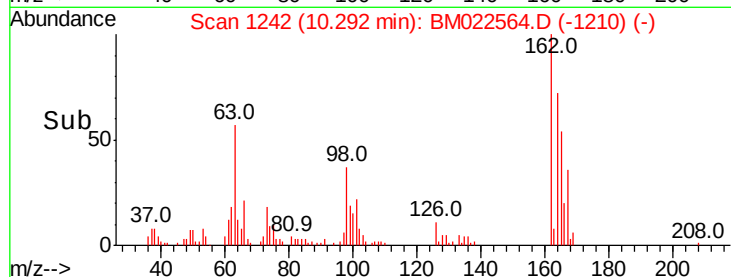
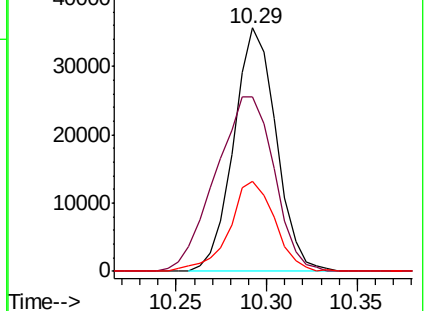
98 37.0 28.9 43.3



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: 3.846 ng/ul

RT: 10.70 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

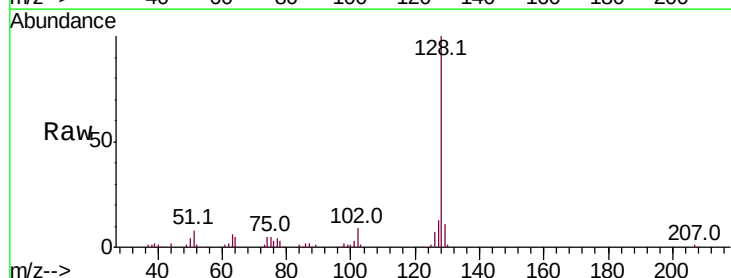
Tgt Ion:128 Resp: 212034

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

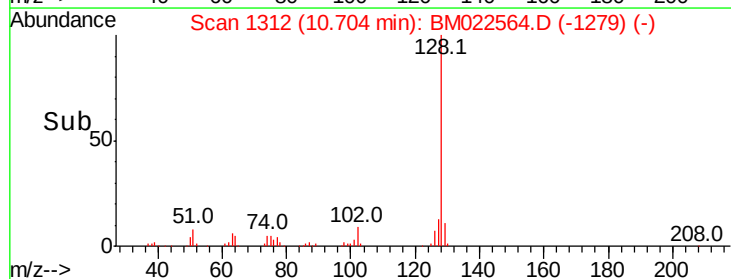
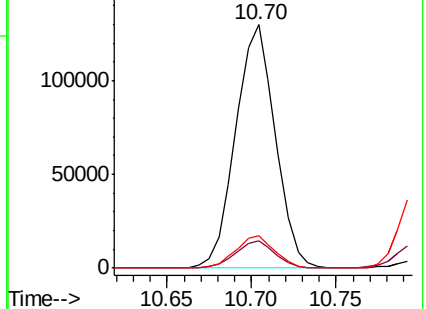
127 13.4 10.6 16.0

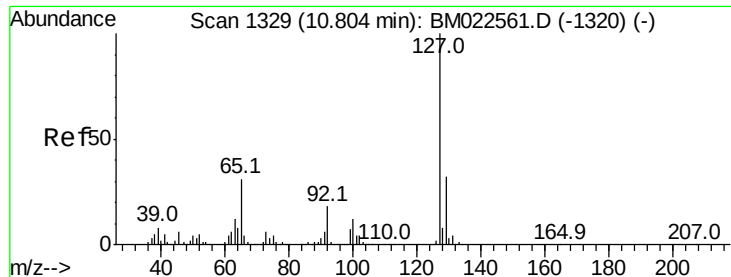


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

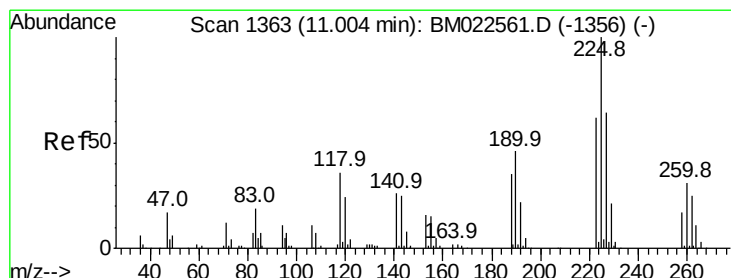
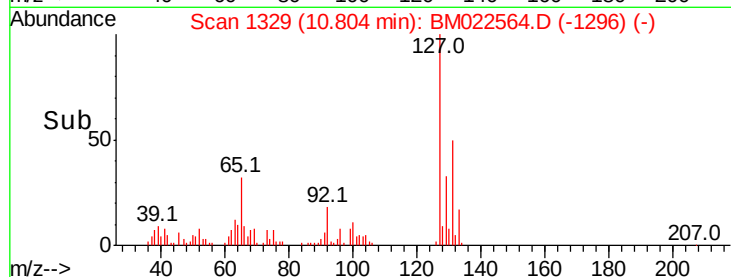
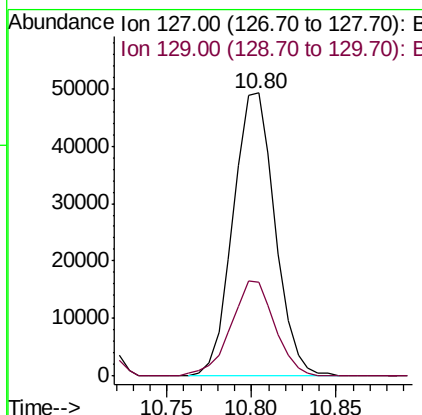
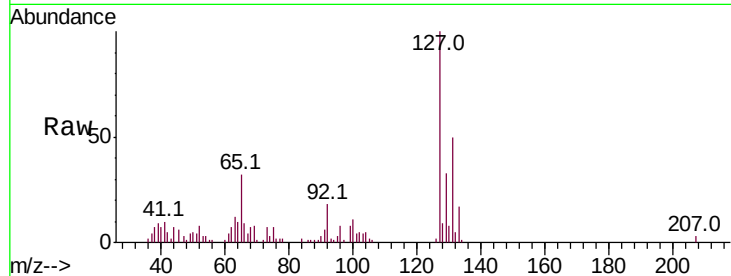




#30
4-Chloroaniline
Concen: 3.733 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

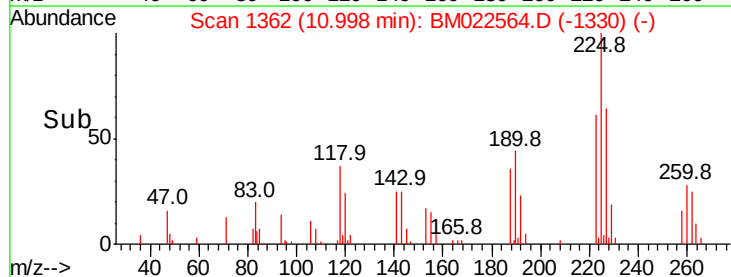
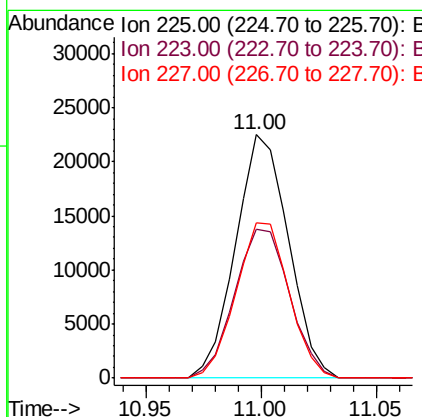
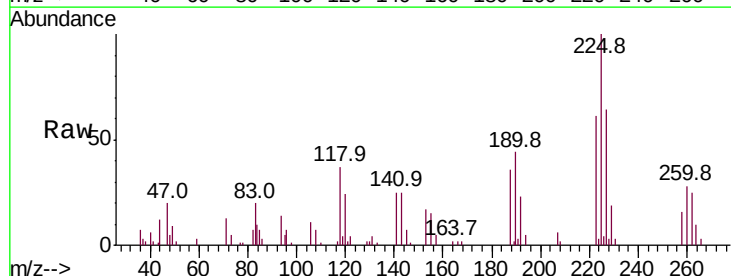
Instrument :
BNA_M
ClientSampleId :
MDL-S-02

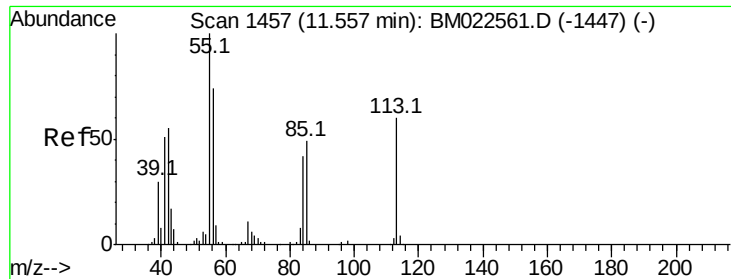
Tot Ion:127 Resp: 85086
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.2



#31
Hexachlorobutadiene
Concen: 3.520 ng/ul
RT: 11.00 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:225 Resp: 35955
Ion Ratio Lower Upper
225 100
223 61.0 50.1 75.1
227 64.0 51.8 77.8





#32

Caprolactam

Concen: 2.880 ng/ul

RT: 11.59 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

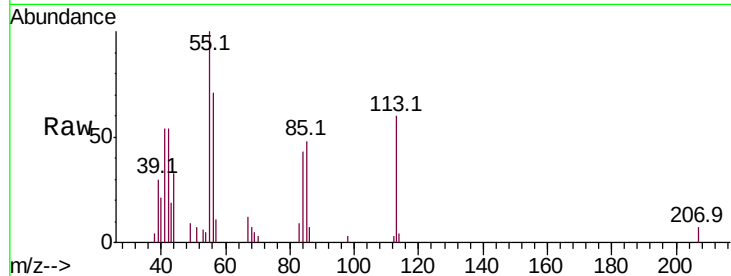
Tot Ion:113 Resp: 17775

Ion Ratio Lower Upper

113 100

55 167.9 135.6 203.4

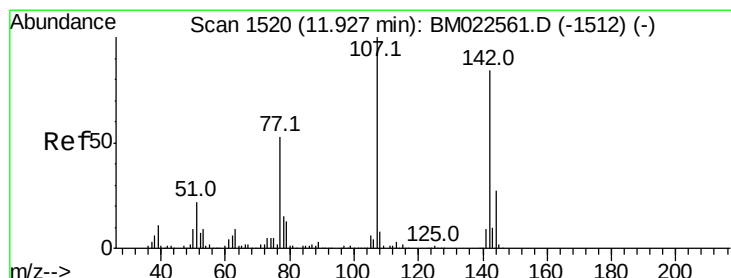
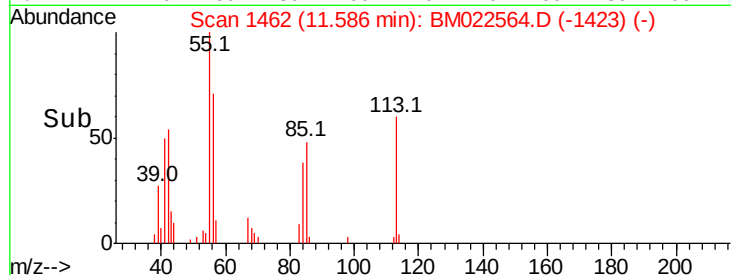
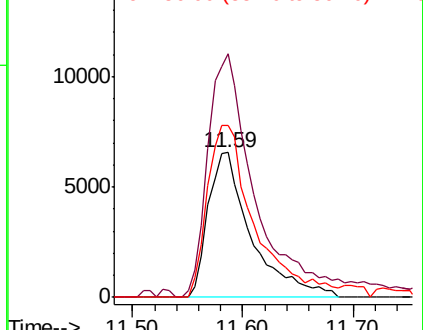
56 118.5 98.4 147.6



Abundance Ion 113.00 (112.70 to 113.70): E

15000 Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.297 ng/ul

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

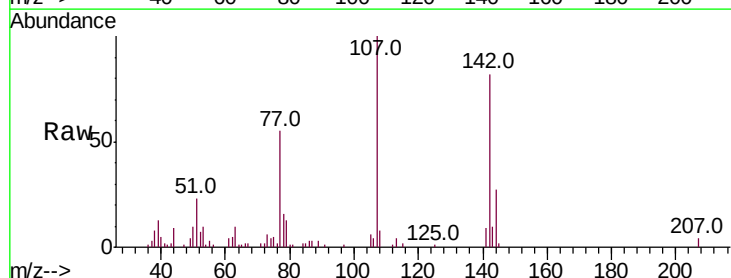
Tgt Ion:107 Resp: 60324

Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

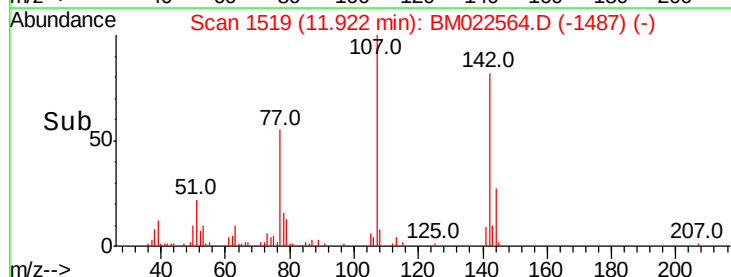
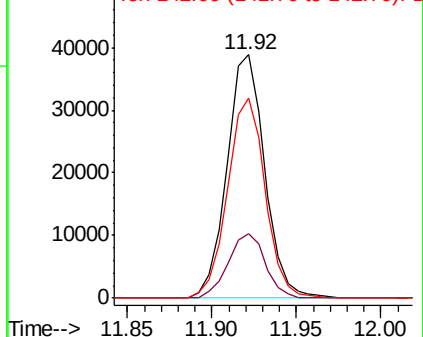
142 82.0 67.0 100.4

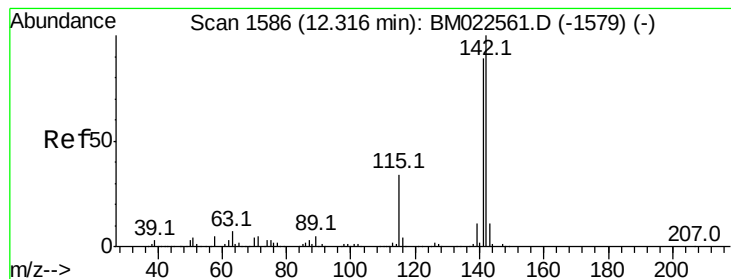


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.744 ng/ul

RT: 12.32 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampled :

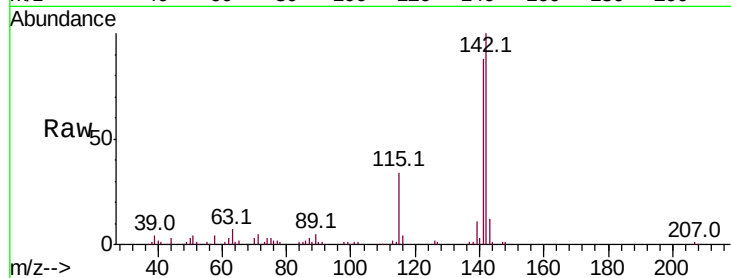
MDL-S-02

Tot Ion:142 Resp: 155506

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

120000

100000

80000

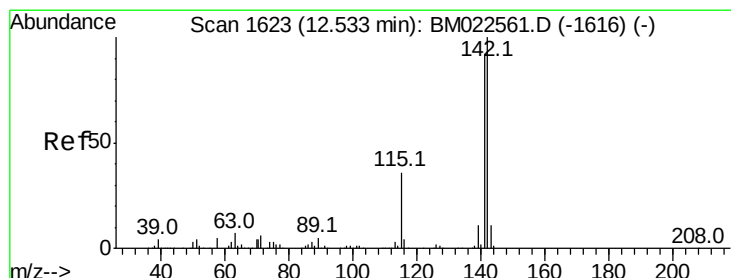
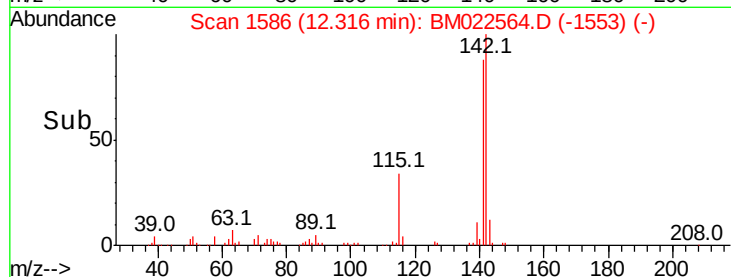
60000

40000

20000

0

Time-->



#35

1-Methylnaphthalene

Concen: 3.697 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

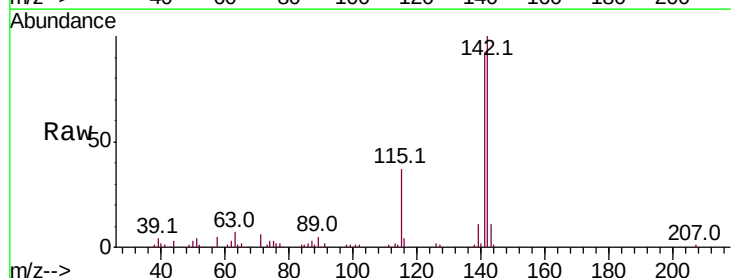
Tgt Ion:142 Resp: 146706

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8

116 3.5 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

120000

100000

80000

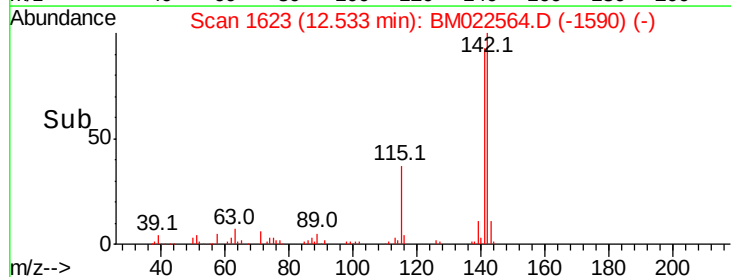
60000

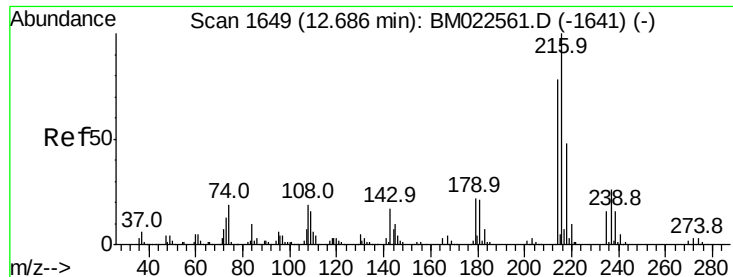
40000

20000

0

Time-->

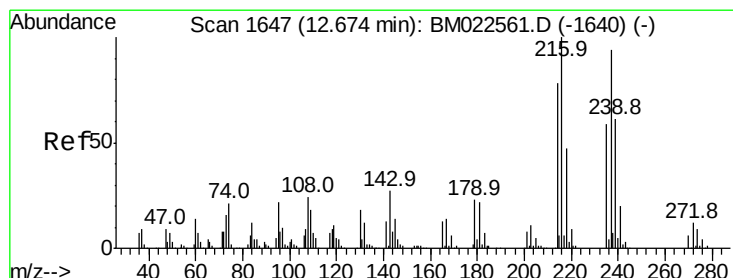
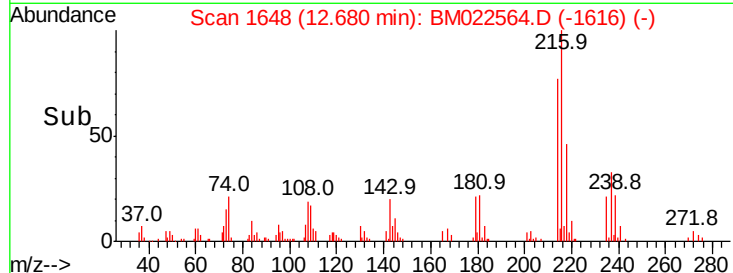
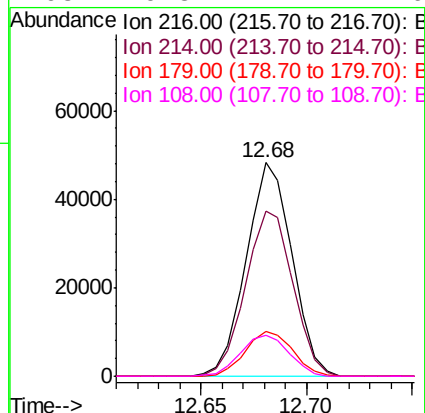
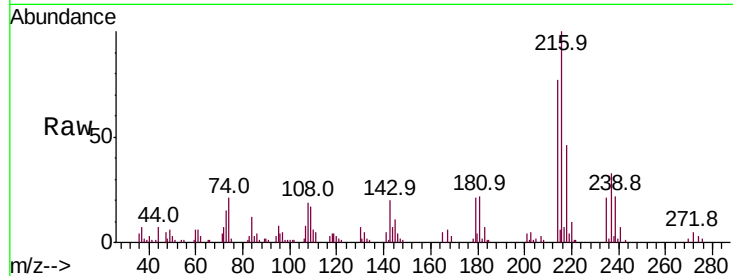




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.574 ng/ul
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

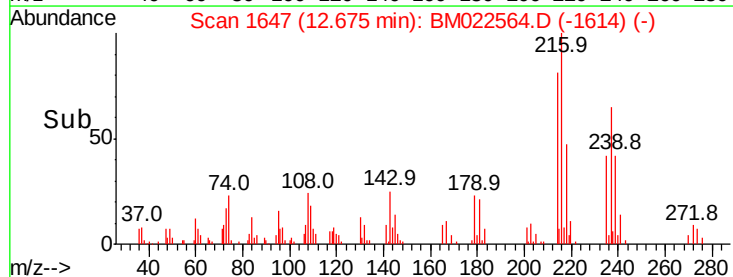
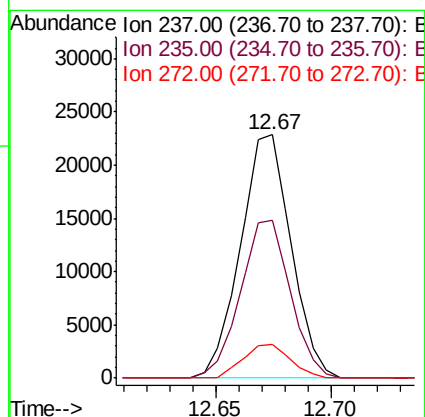
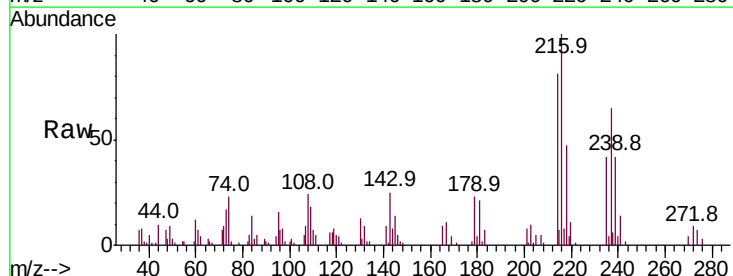
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

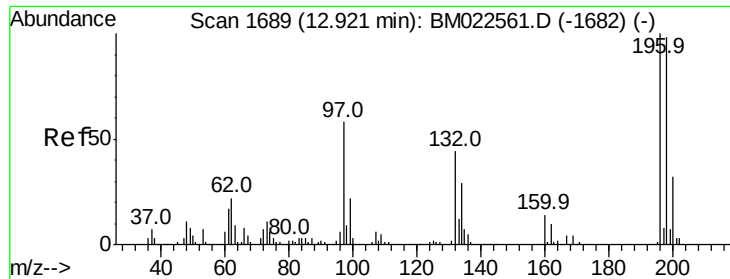
Tot Ion:	216	Resp:	72769
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.4	95.0
179	20.9	16.7	25.1
108	19.3	14.4	21.6



#38
 Hexachlorocyclopentadiene
 Concen: 2.782 ng/ul
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:	237	Resp:	34913
Ion	Ratio	Lower	Upper
237	100		
235	65.0	50.1	75.1
272	14.0	10.2	15.4





#39

2,4,6-Trichlorophenol

Concen: 3.013 ng/ul

RT: 12.92 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampled :

MDL-S-02

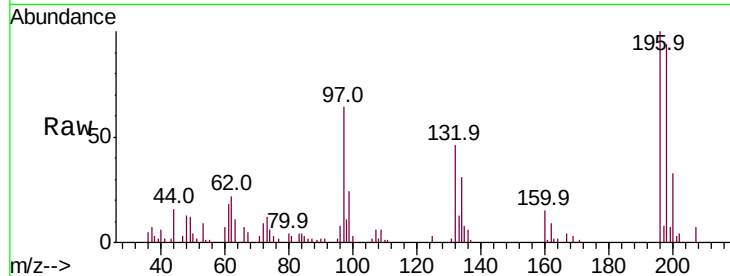
Tot Ion:196 Resp: 38395

Ion Ratio Lower Upper

196 100

198 94.1 77.7 116.5

200 32.9 24.6 37.0

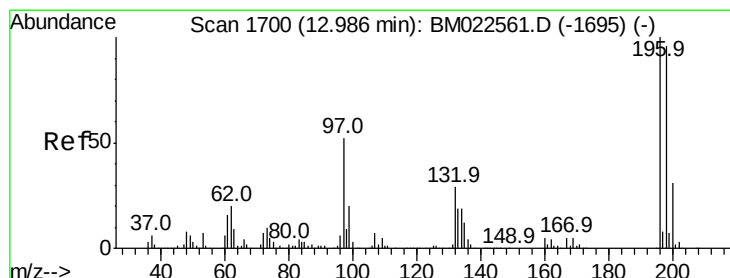
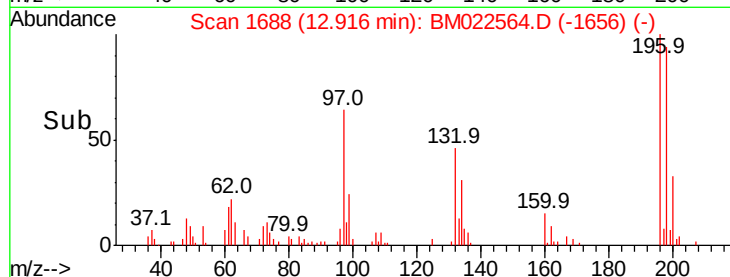
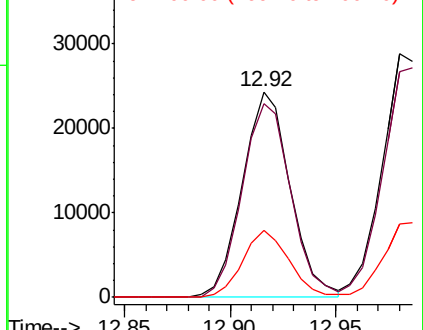


Abundance

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: 3.360 ng/ul

RT: 12.98 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

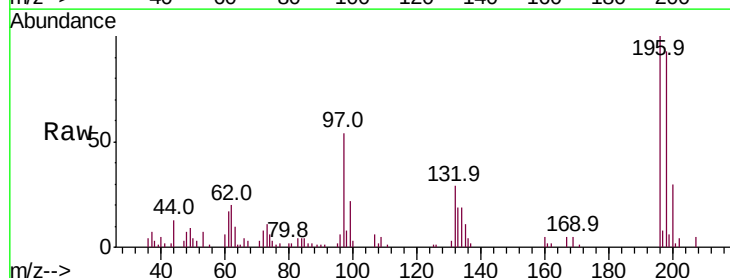
Tgt Ion:196 Resp: 46442

Ion Ratio Lower Upper

196 100

198 92.6 77.4 116.0

200 30.3 24.0 36.0

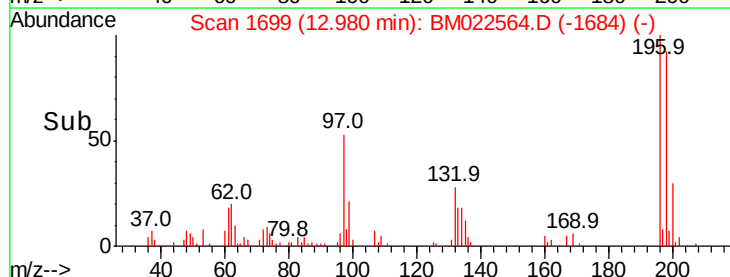
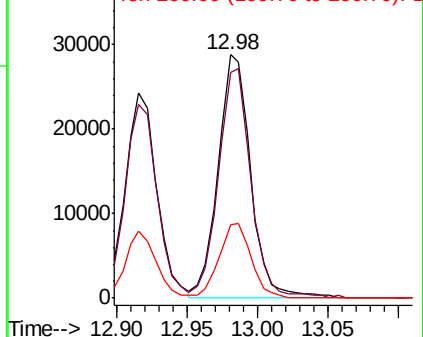


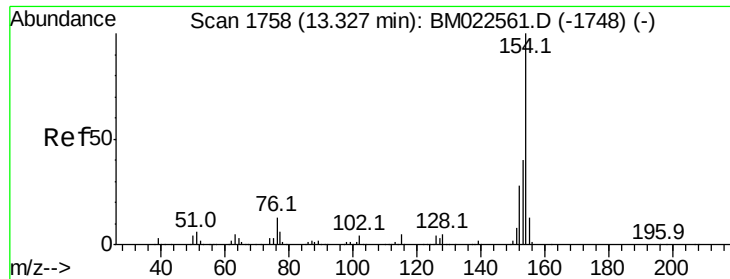
Abundance

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

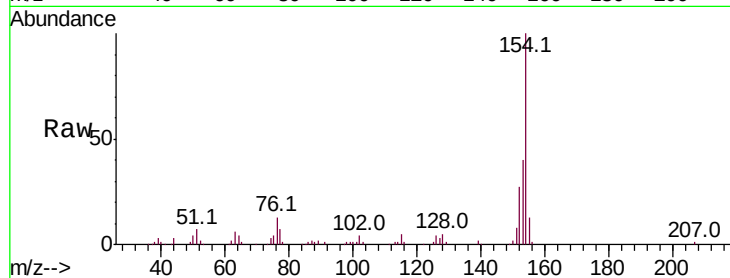




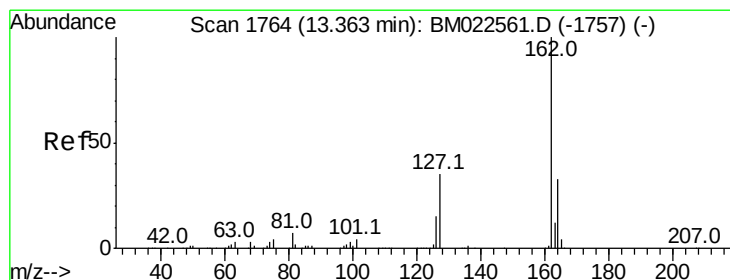
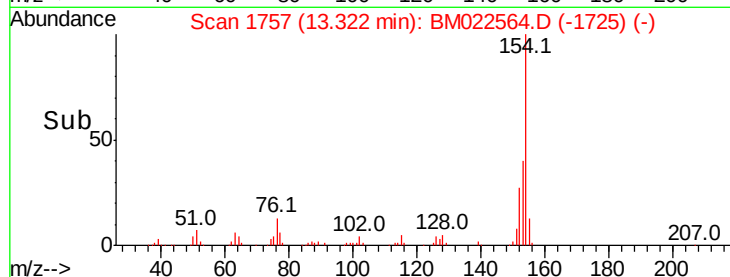
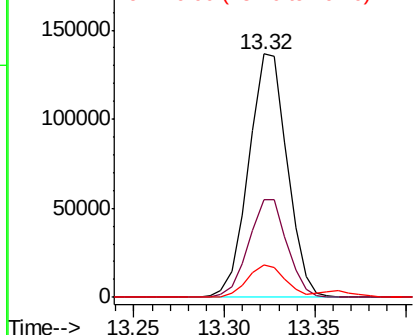
#41
 1,1'-Biphenyl
 Concen: 3.844 ng/ul
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Instrument :
 BNA_M
 ClientSampleID :
 MDL-S-02

Tot Ion:	154	Resp:	201993
Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.1	48.1
76	13.4	10.2	15.2

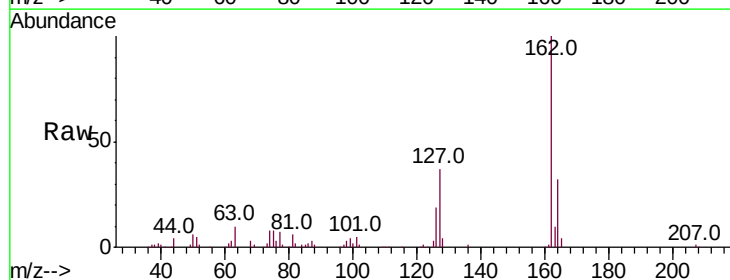


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

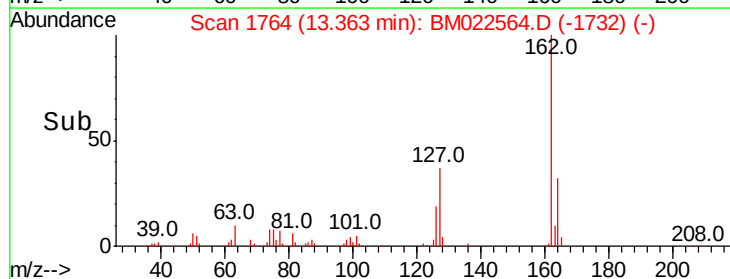
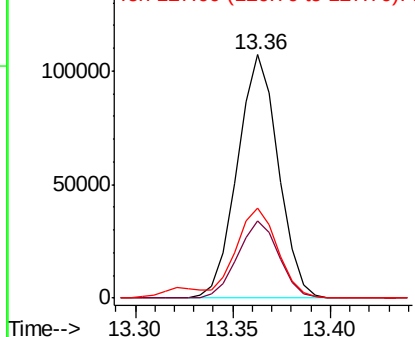


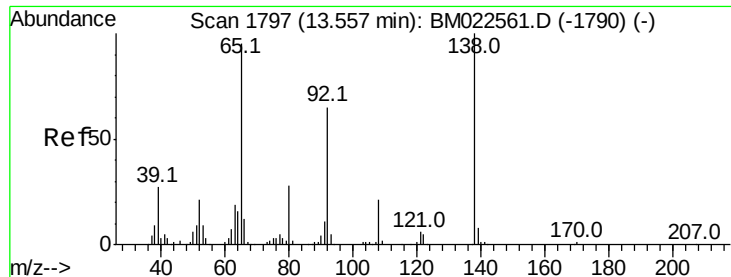
#42
 2-Chloronaphthalene
 Concen: 3.906 ng/ul
 RT: 13.36 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:	162	Resp:	155394
Ion	Ratio	Lower	Upper
162	100		
164	31.8	26.1	39.1
127	36.8	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: 3.543 ng/ul

RT: 13.56 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

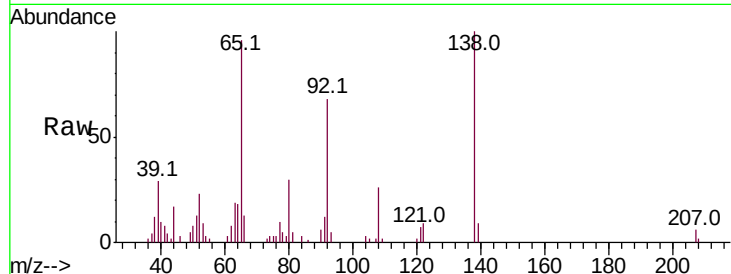
Tot Ion: 65 Resp: 32911

Ion Ratio Lower Upper

65 100

92 71.0 55.7 83.5

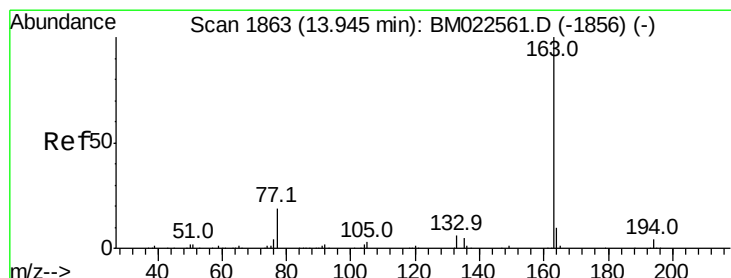
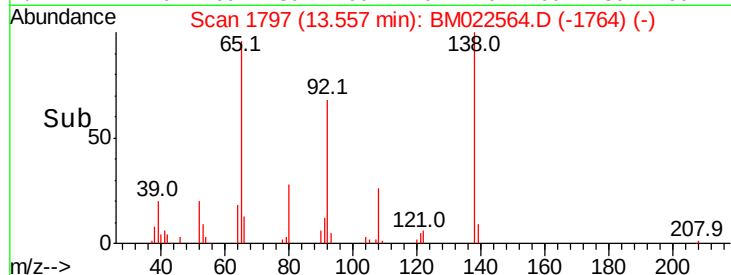
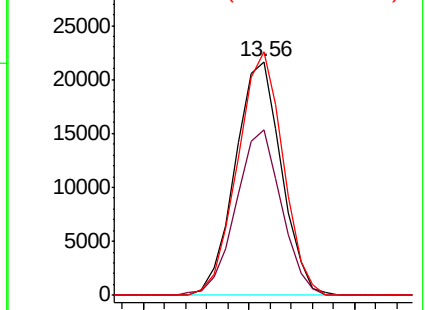
138 104.1 86.0 129.0



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: 3.822 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

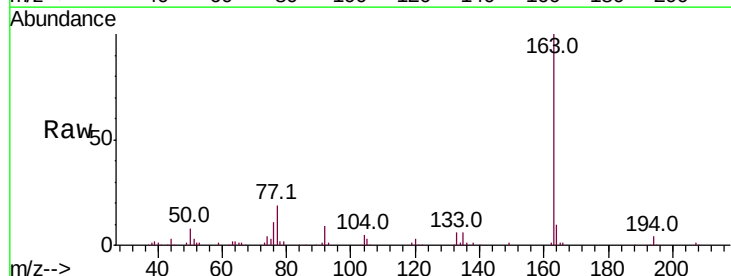
Tgt Ion:163 Resp: 198347

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

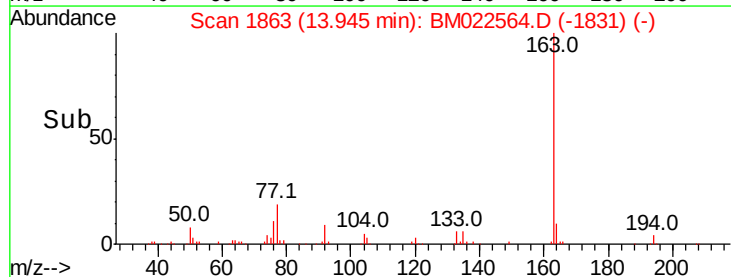
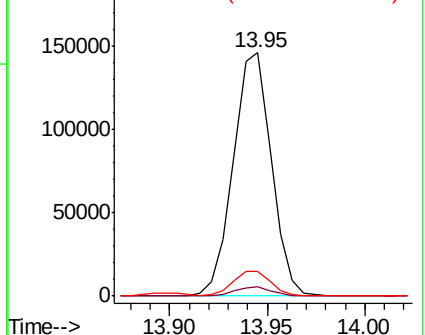
164 10.3 7.8 11.8

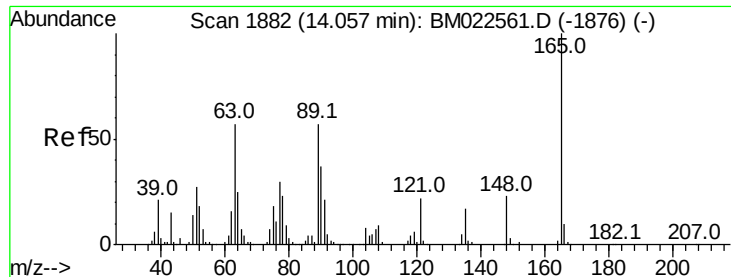


Abundance Ion 163.00 (162.70 to 163.70): BM022561.D (-1856) (-)

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

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

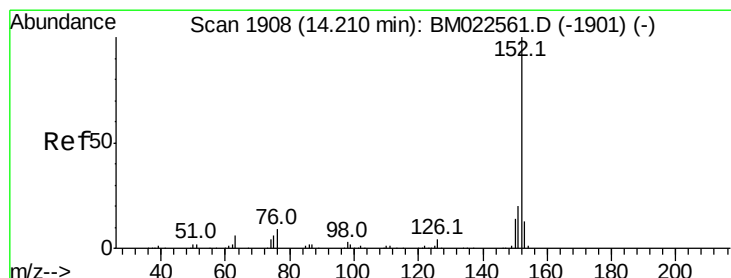
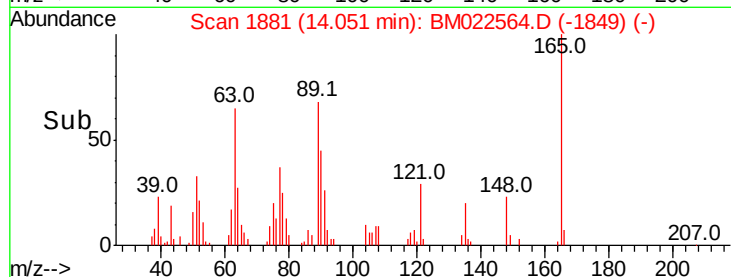
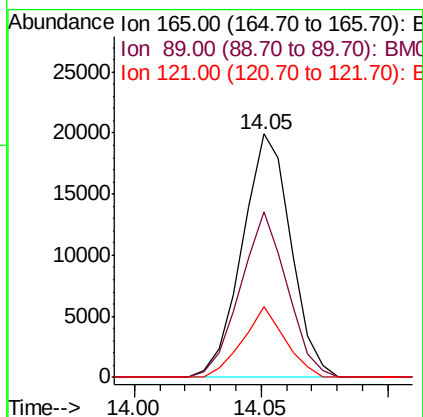
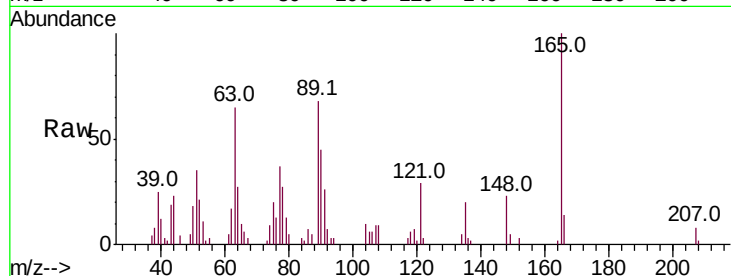




#46
 2,6-Dinitrotoluene
 Concen: 3.160 ng/ul
 RT: 14.05 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

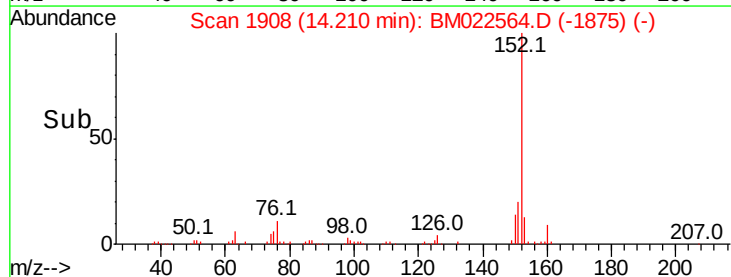
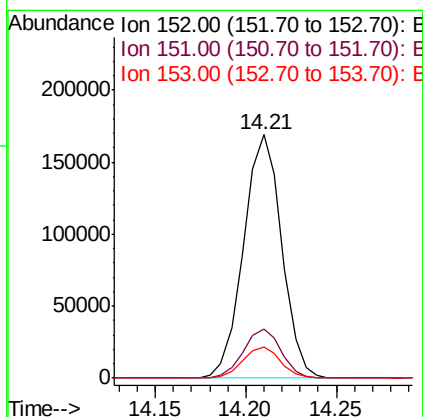
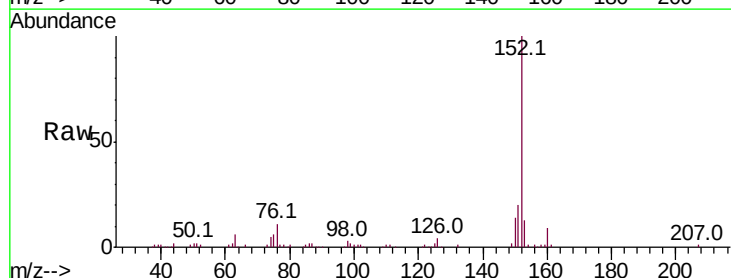
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

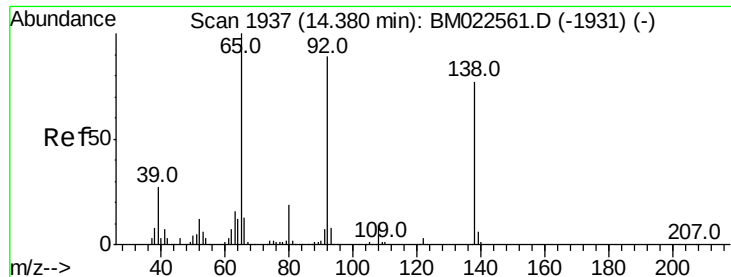
Tot Ion:165 Resp: 26701
 Ion Ratio Lower Upper
 165 100
 89 67.8 47.7 71.5
 121 29.3 18.4 27.6#



#48
 Acenaphthylene
 Concen: 3.882 ng/ul
 RT: 14.21 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:152 Resp: 246503
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.8 23.8
 153 12.9 10.4 15.6





#49

3-Nitroaniline

Concen: 2.936 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

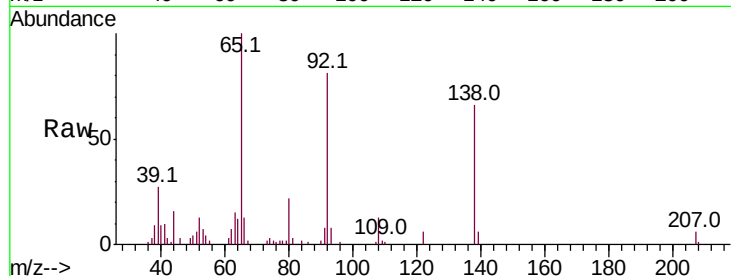
Tot Ion:138 Resp: 26902

Ion Ratio Lower Upper

138 100

108 19.6 13.5 20.3

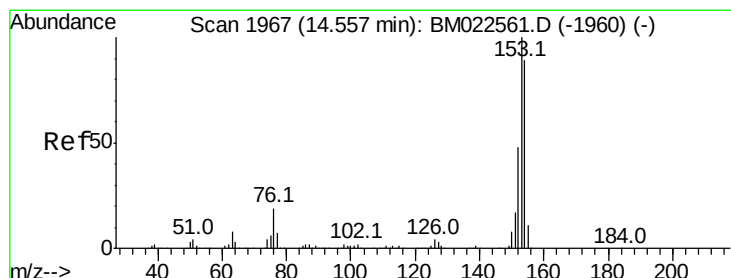
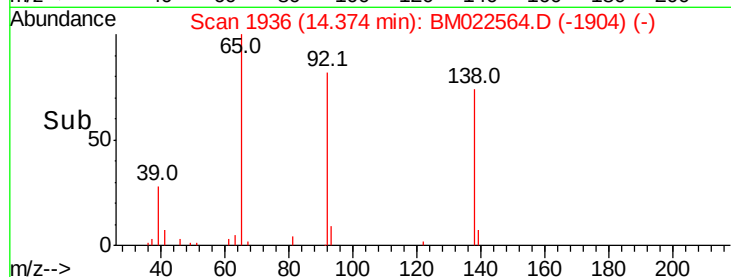
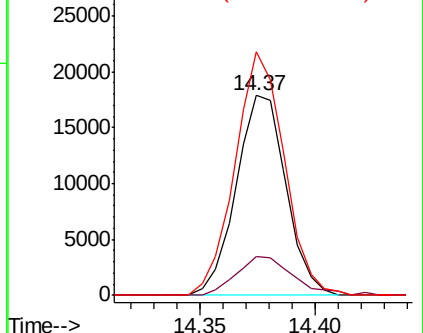
92 122.1 93.7 140.5



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): B



#50

Acenaphthene

Concen: 3.846 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

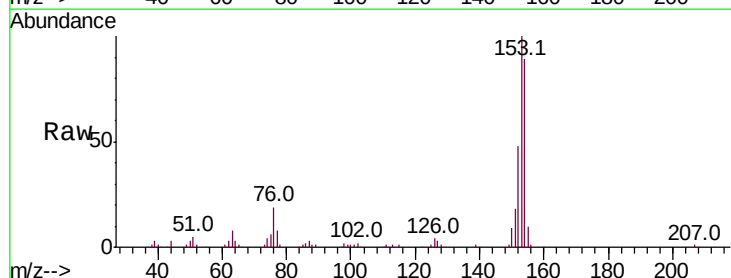
Tgt Ion:153 Resp: 169214

Ion Ratio Lower Upper

153 100

152 47.6 37.5 56.3

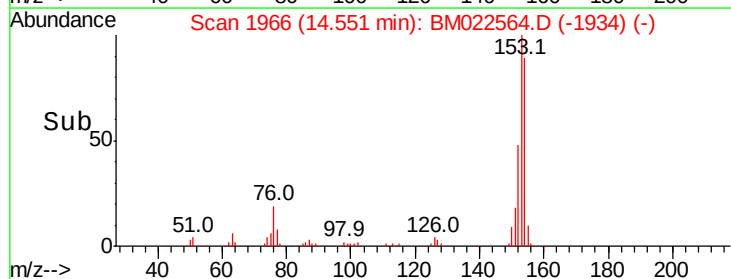
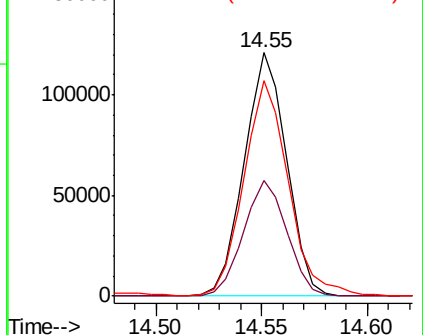
154 88.6 71.4 107.0

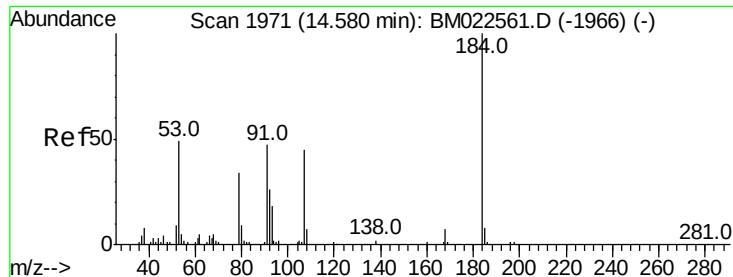


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

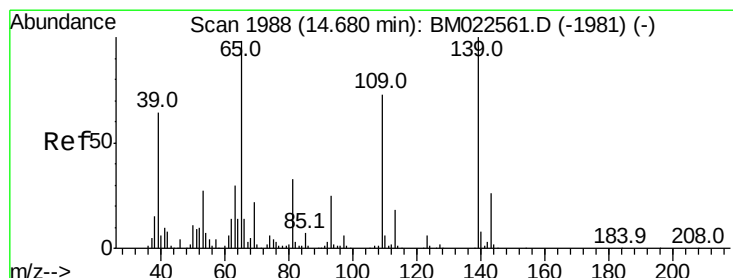
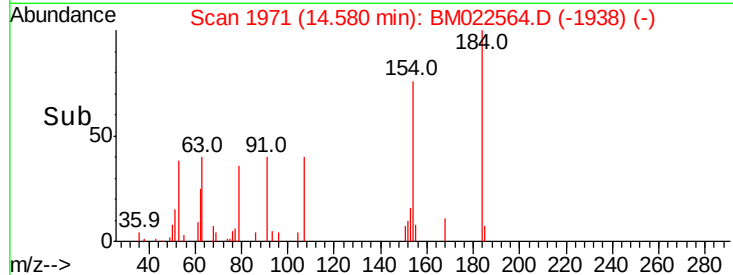
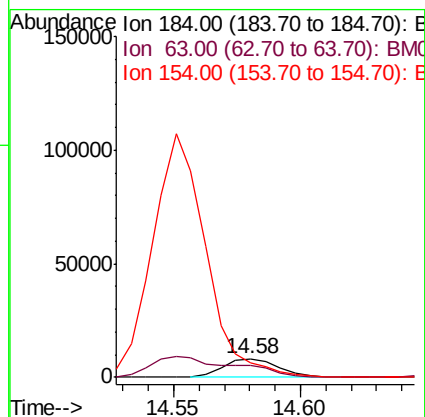
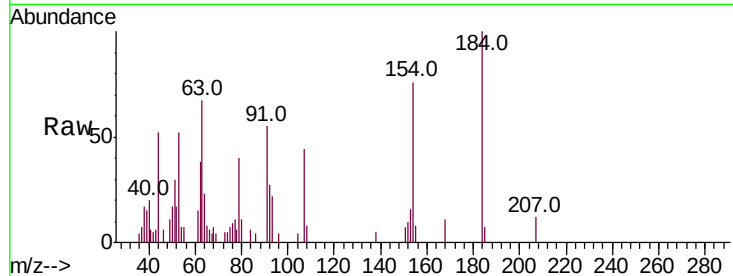




#51
2,4-Dinitrophenol
Concen: 3.136 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

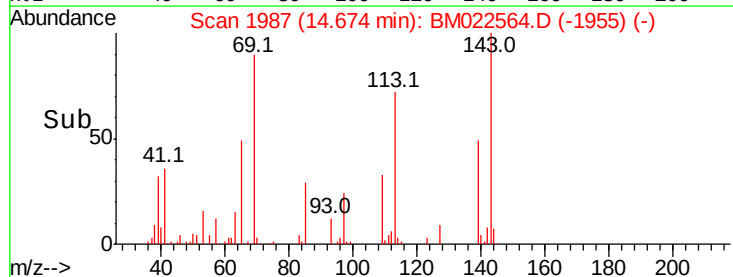
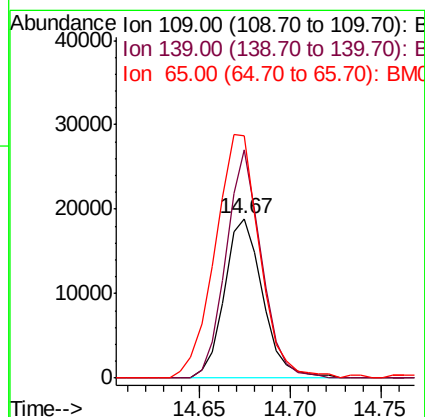
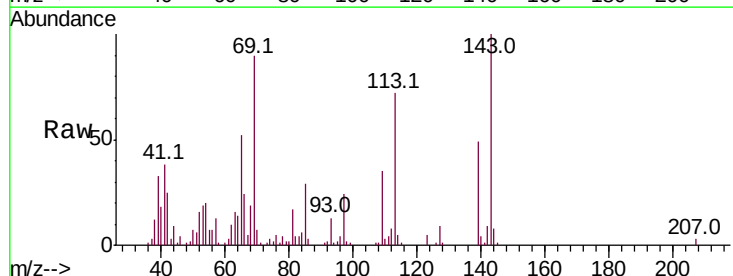
Instrument :
BNA_M
ClientSampleId :
MDL-S-02

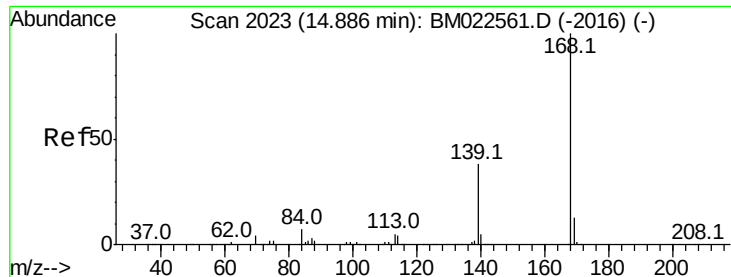
Tot Ion:184 Resp: 12157
Ion Ratio Lower Upper
184 100
63 66.9 51.5 77.3
154 75.7 81.9 122.9#



#53
4-Nitrophenol
Concen: 3.964 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:109 Resp: 27816
Ion Ratio Lower Upper
109 100
139 142.9 107.6 161.4
65 151.4 101.9 152.9





#54

Dibenzenofuran

Concen: 3.880 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

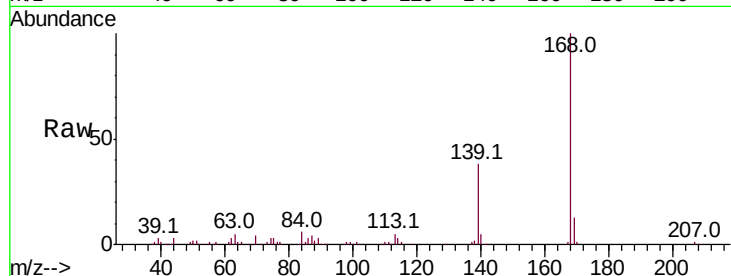
MDL-S-02

Tot Ion:168 Resp: 236931

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

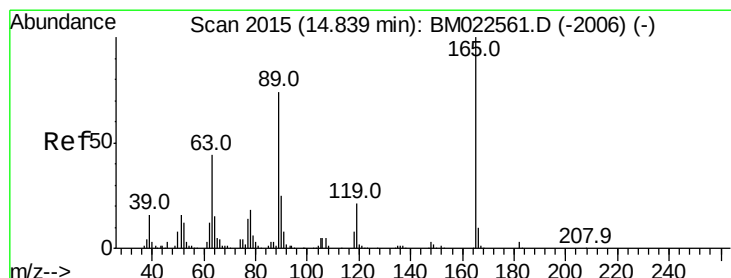
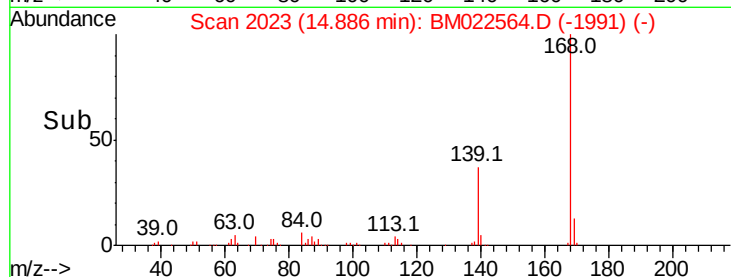
150000

100000

50000

0

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.433 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

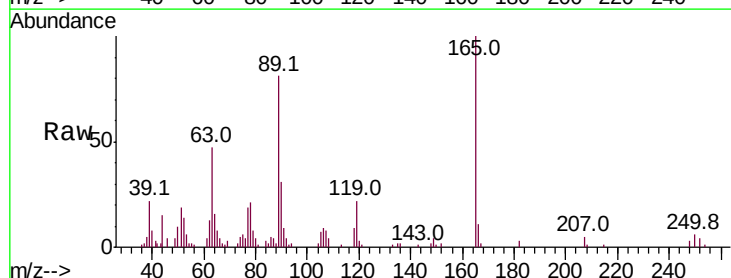
Tgt Ion:165 Resp: 42488

Ion Ratio Lower Upper

165 100

63 47.0 35.7 53.5

182 3.3 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

14.83

40000

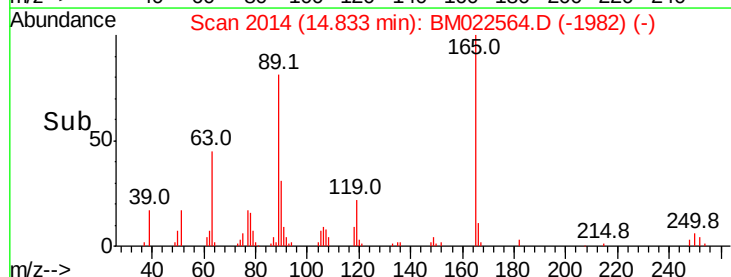
30000

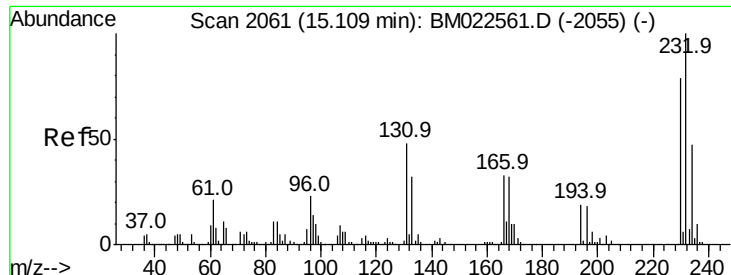
20000

10000

0

Time-->

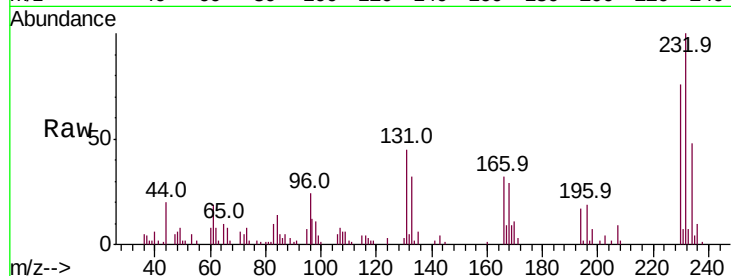




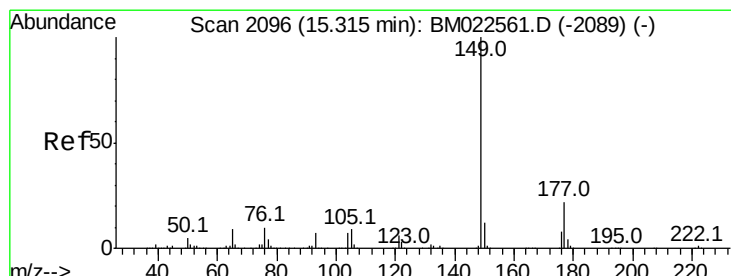
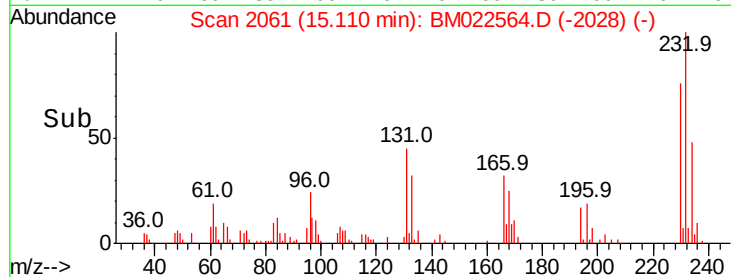
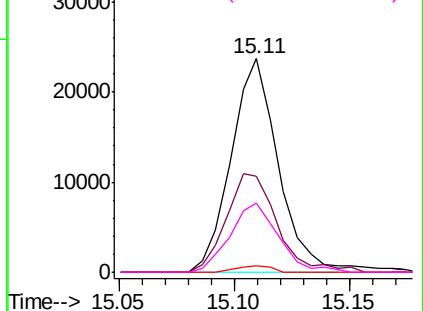
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.922 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

Tot Ion:	232	Resp:	33543
Ion	Ratio	Lower	Upper
232	100		
131	44.7	36.9	55.3
130	2.8	2.0	3.0
166	32.4	25.2	37.8

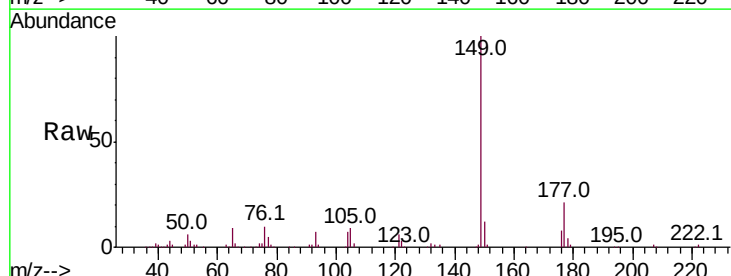


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

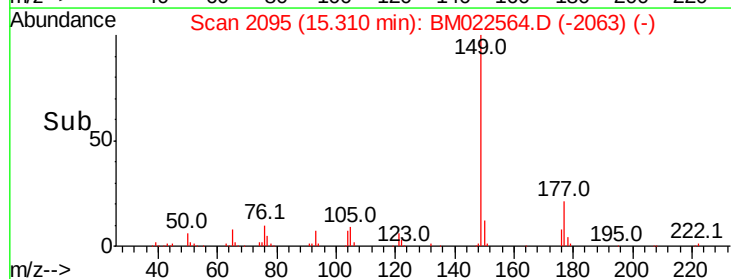
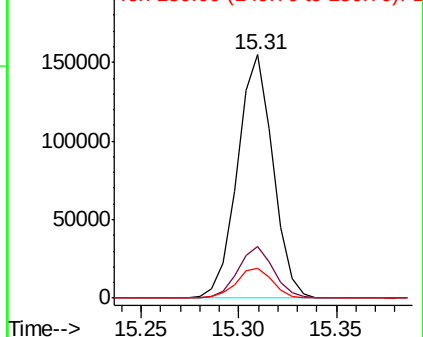


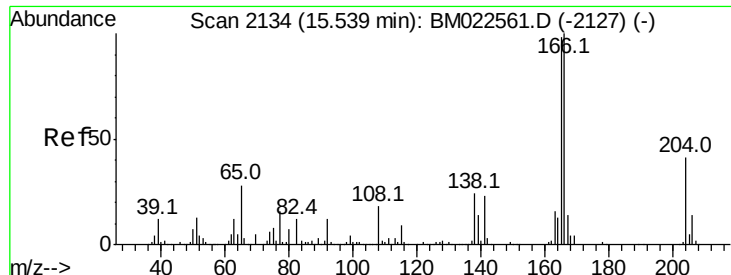
#57
 Diethylphthalate
 Concen: 3.635 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:	149	Resp:	195182
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.3	25.9
150	12.3	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

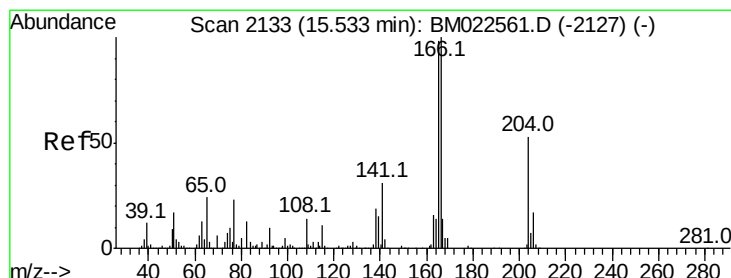
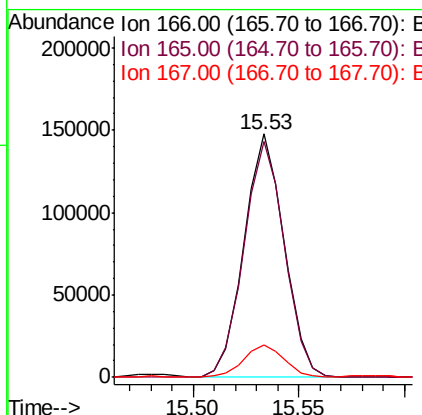
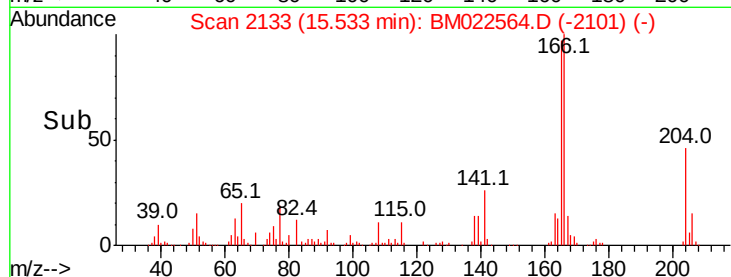
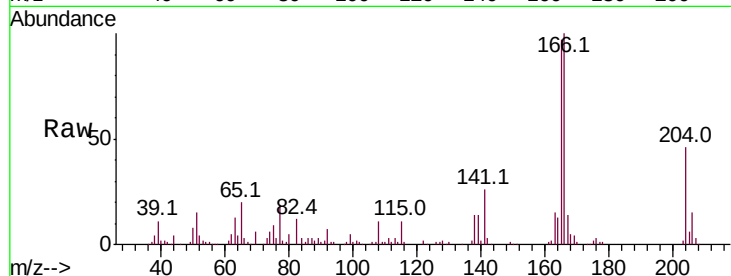




#59
 Fluorene
 Concen: 3.888 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

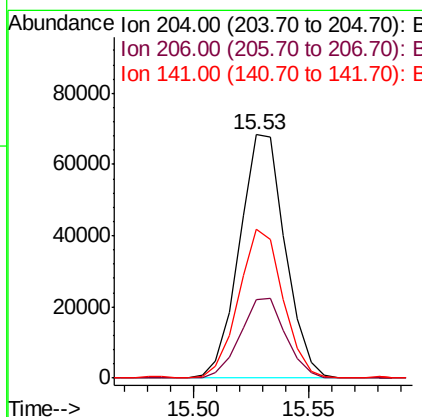
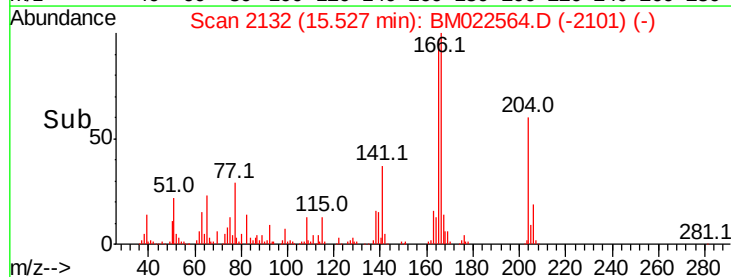
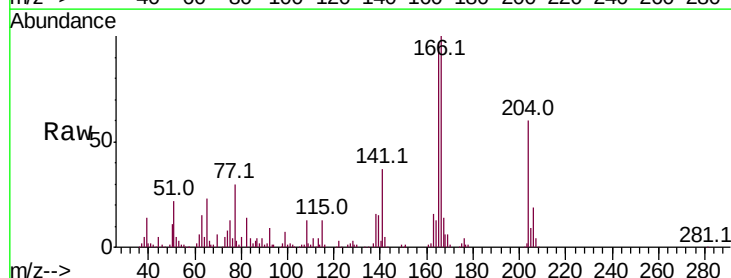
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

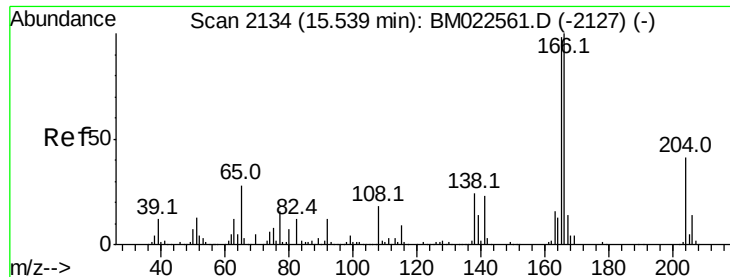
Tot Ion:166 Resp: 195359
 Ion Ratio Lower Upper
 166 100
 165 96.9 77.8 116.8
 167 13.5 10.9 16.3



#60
 4-Chlorophenyl-phenylether
 Concen: 3.793 ng/ul
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.02 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:204 Resp: 94303
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.0 39.0
 141 61.2 45.4 68.2

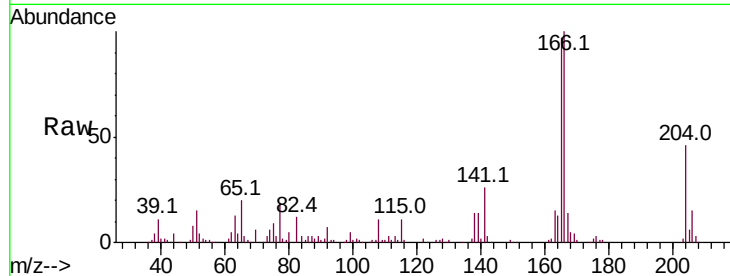




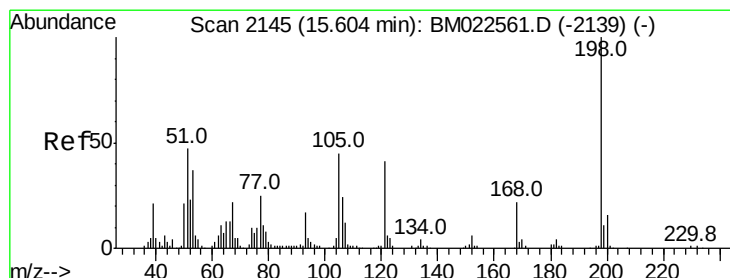
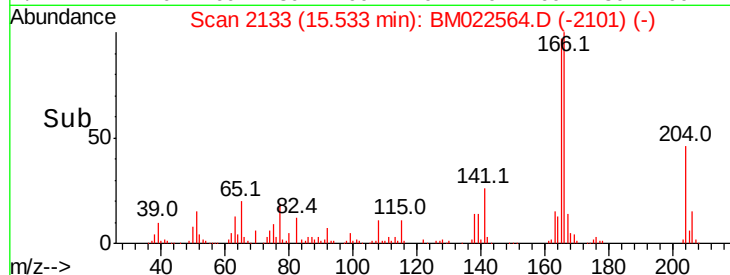
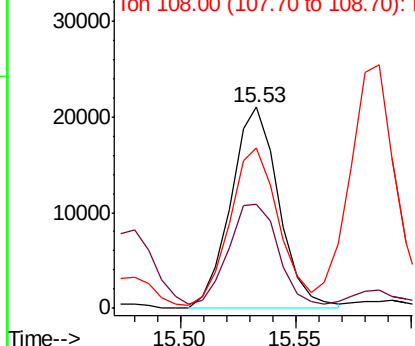
#61
4-Nitroaniline
Concen: 2.916 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :
MDL-S-02

Tot Ion:138 Resp: 30445
Ion Ratio Lower Upper
138 100
92 52.0 40.3 60.5
108 79.6 62.2 93.2

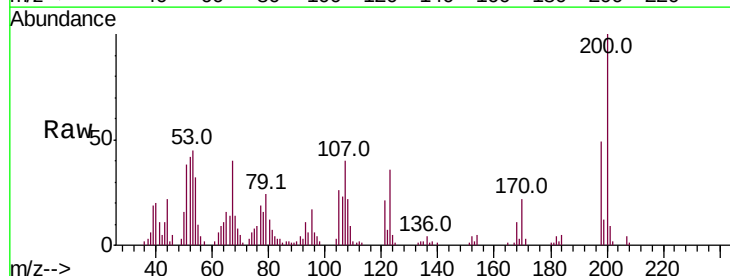


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

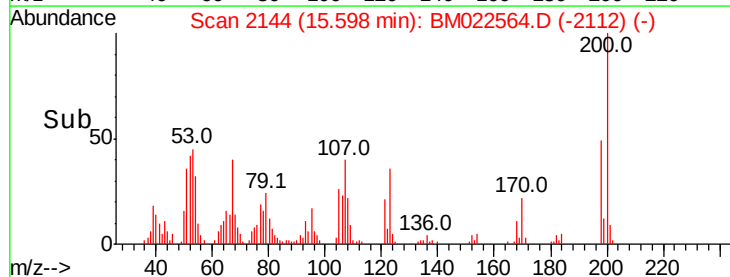
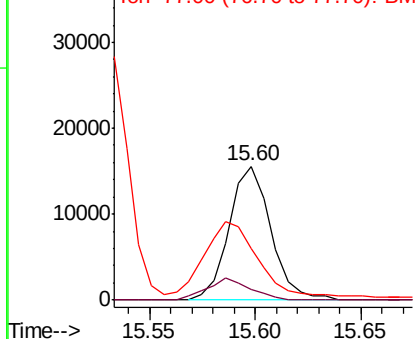


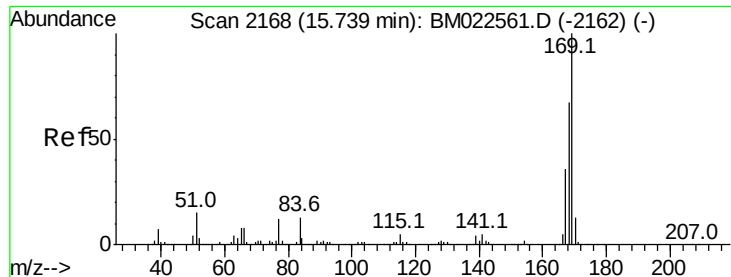
#64
4,6-Dinitro-2-methylphenol
Concen: 3.108 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:198 Resp: 21400
Ion Ratio Lower Upper
198 100
182 8.0 3.4 5.0#
77 38.3 19.7 29.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM





#65

N-Nitrosodiphenylamine

Concen: 3.729 ng/ul

RT: 15.74 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

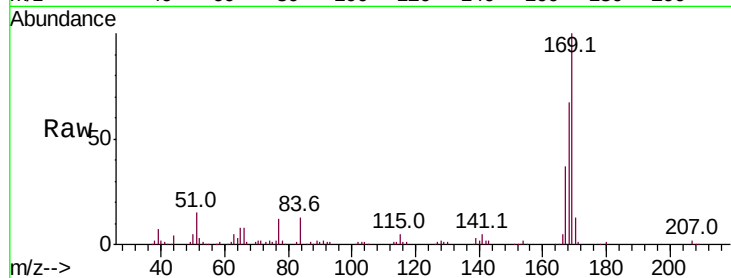
Tot Ion:169 Resp: 166617

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

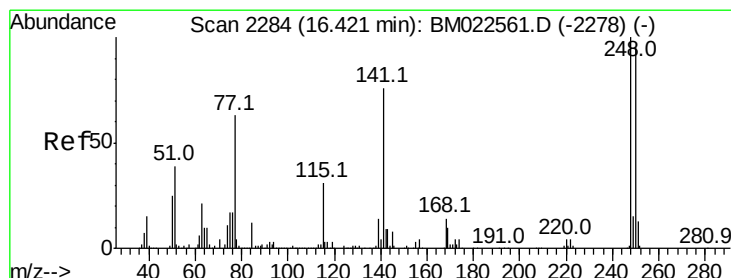
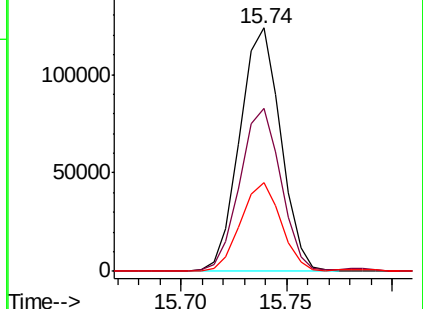
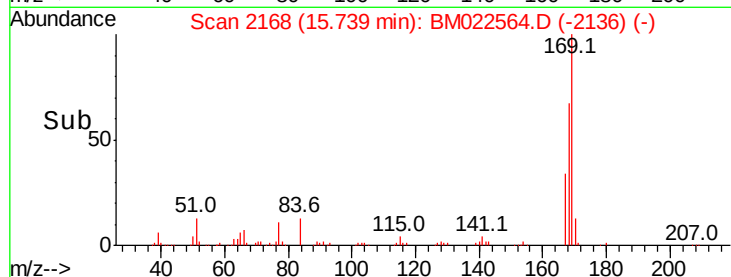
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.366 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

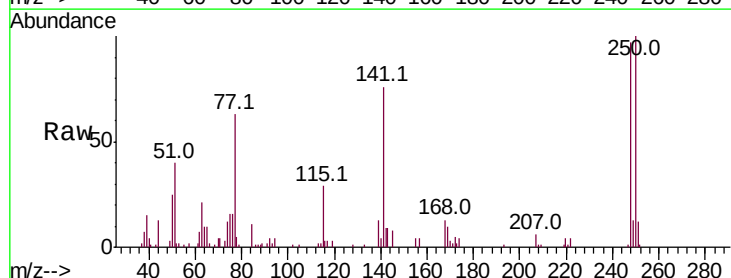
Tgt Ion:248 Resp: 55060

Ion Ratio Lower Upper

248 100

250 102.6 76.3 114.5

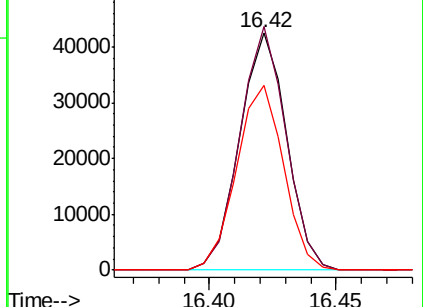
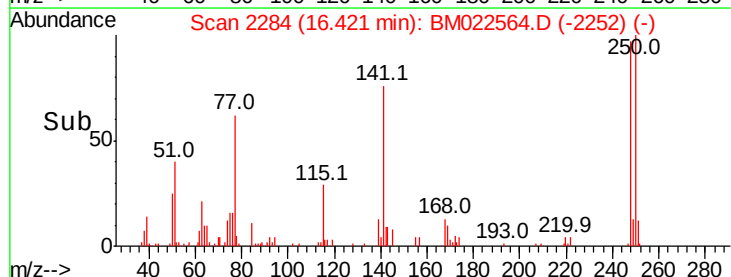
141 77.8 57.0 85.4

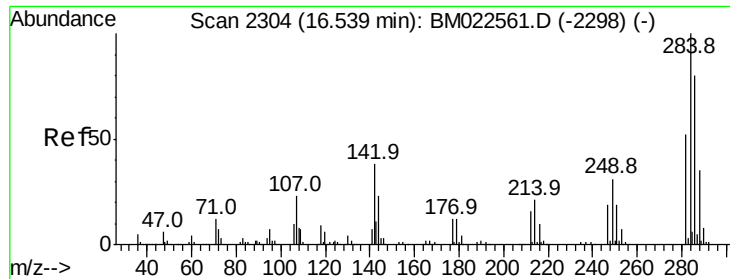


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.619 ng/ul

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

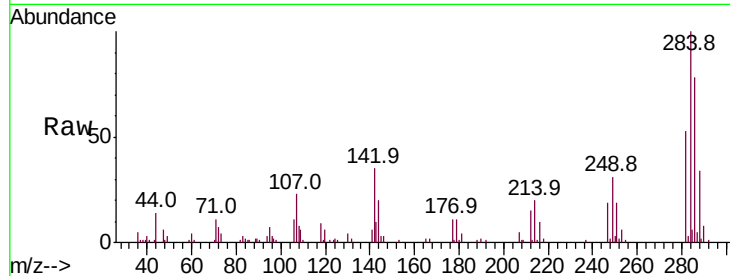
Tot Ion:284 Resp: 65248

Ion Ratio Lower Upper

284 100

142 34.8 29.3 43.9

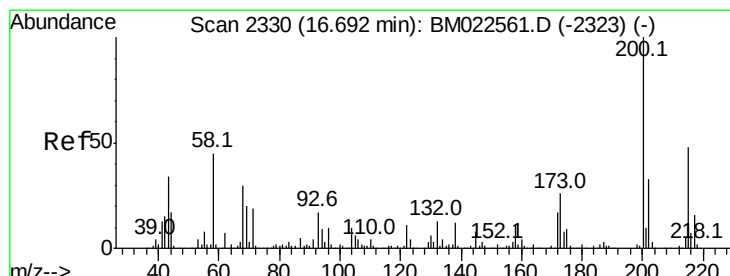
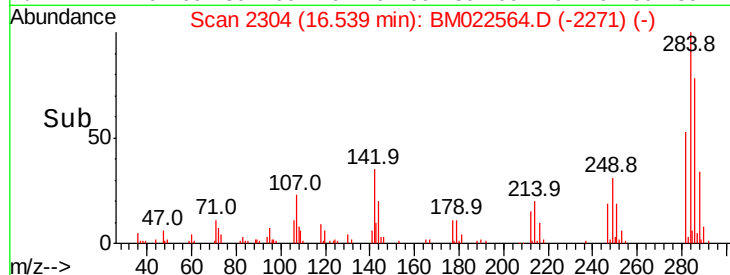
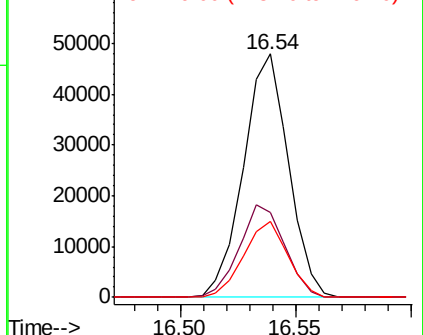
249 31.0 24.7 37.1



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: 3.019 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

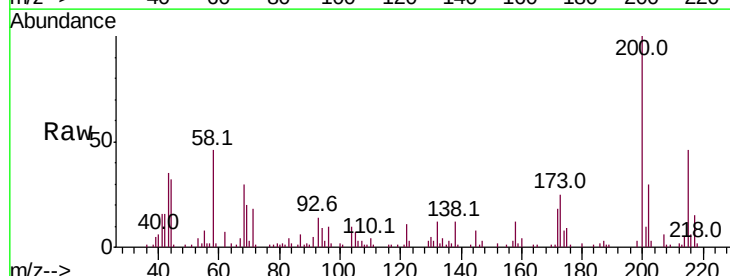
Tgt Ion:200 Resp: 51861

Ion Ratio Lower Upper

200 100

173 24.9 21.6 32.4

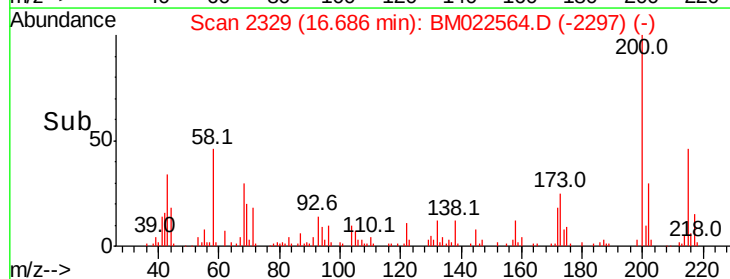
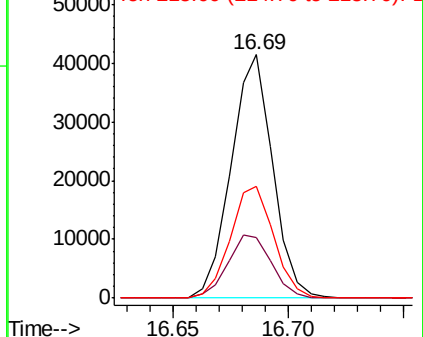
215 45.8 39.0 58.4

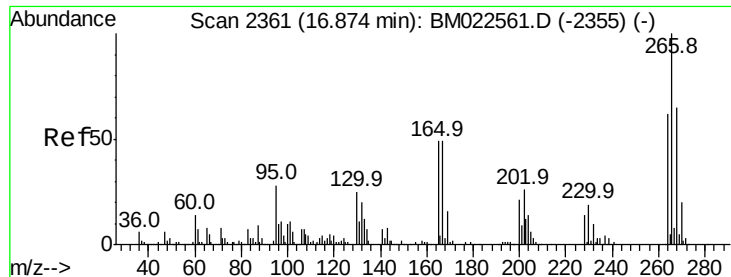


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

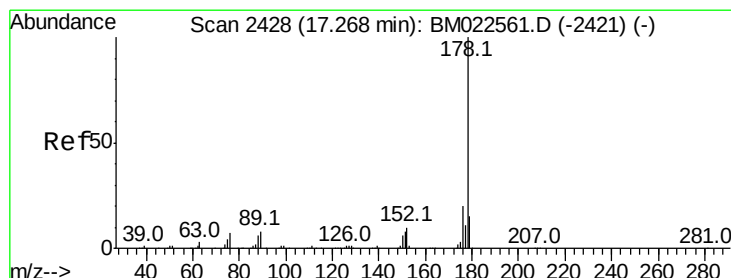
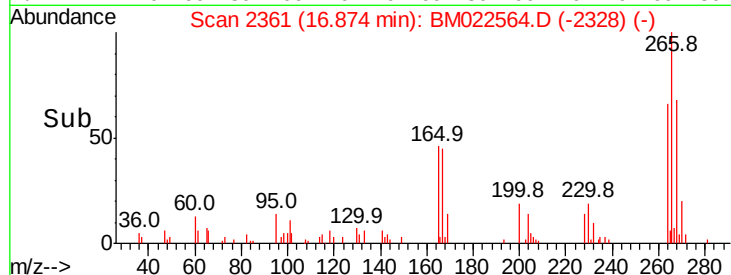
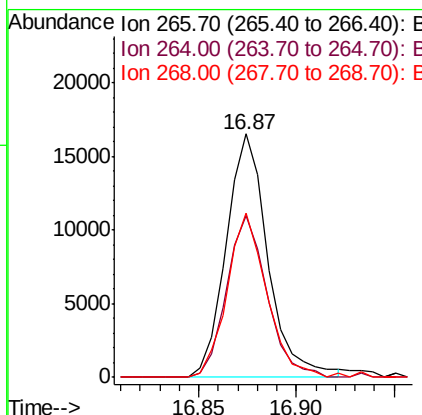
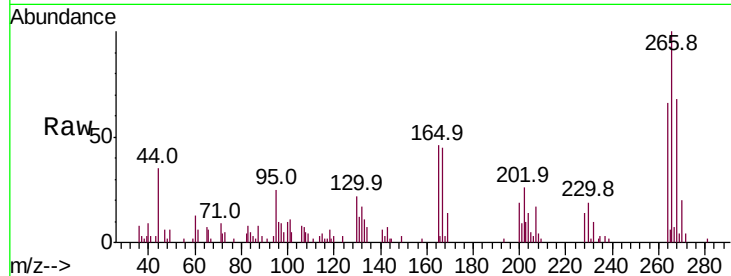




#69
 Pentachlorophenol
 Concen: 2.461 ng/ul
 RT: 16.87 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

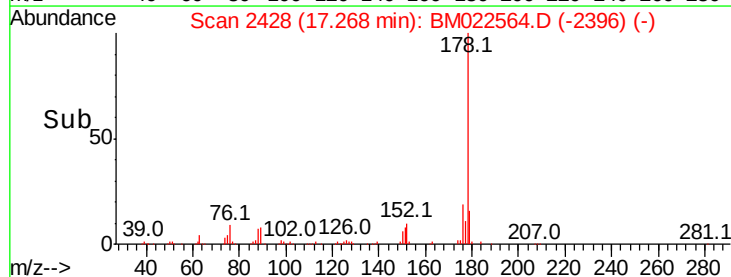
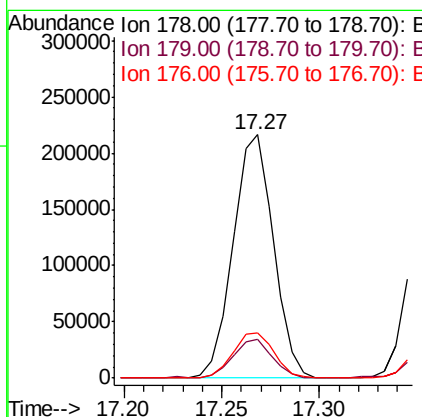
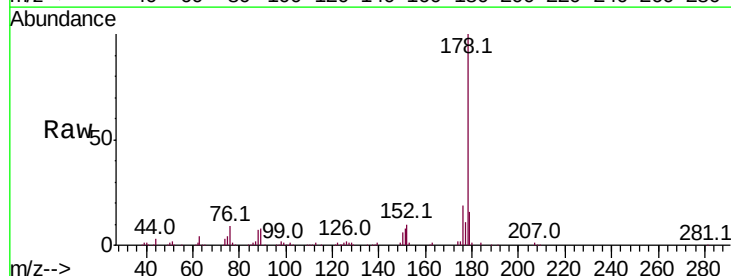
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

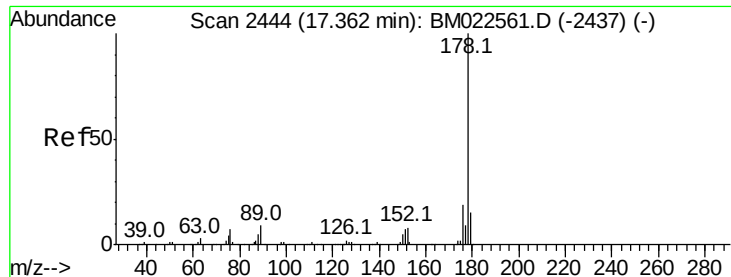
Tot Ion:266 Resp: 24481
 Ion Ratio Lower Upper
 266 100
 264 66.4 50.8 76.2
 268 67.6 50.9 76.3



#70
 Phenanthrene
 Concen: 3.857 ng/ul
 RT: 17.27 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:178 Resp: 309239
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.0 18.0
 176 18.7 15.4 23.0

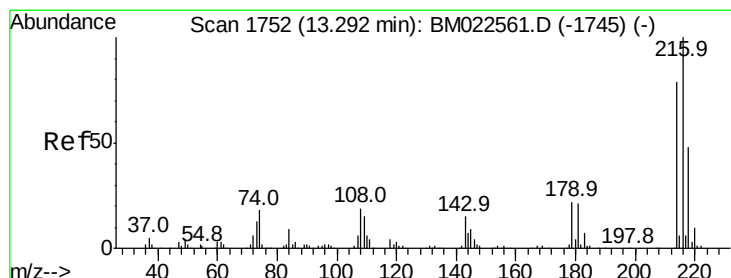
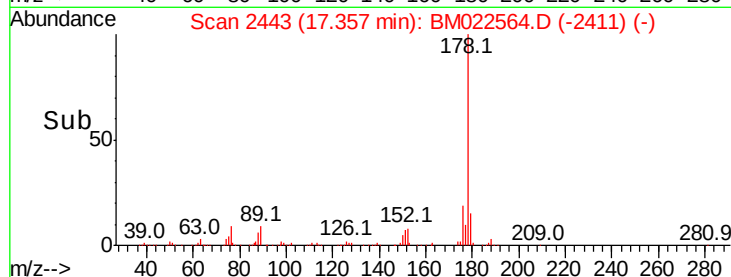
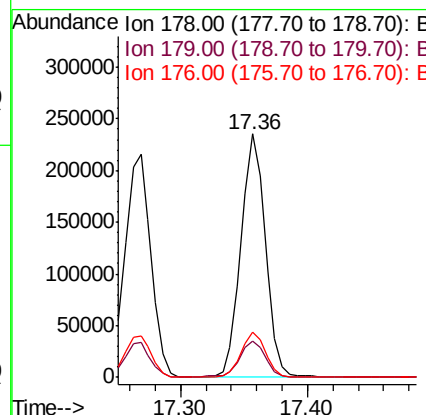
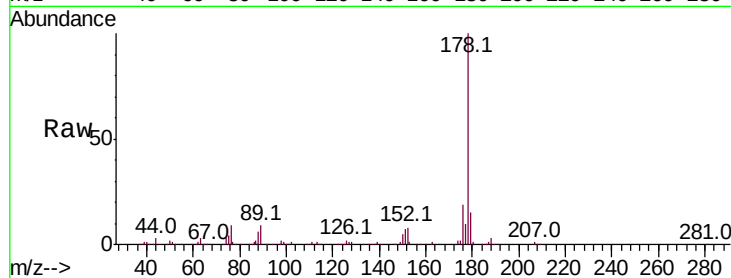




#72
 Anthracene
 Concen: 3.808 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

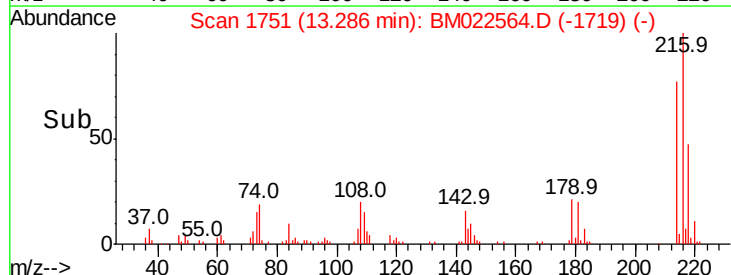
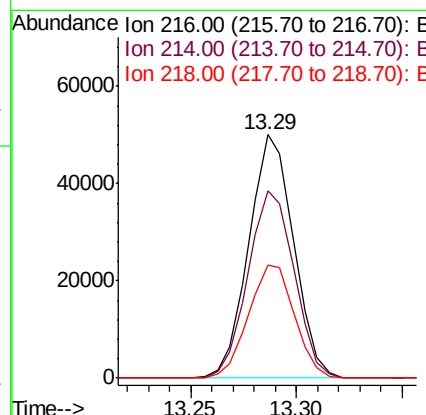
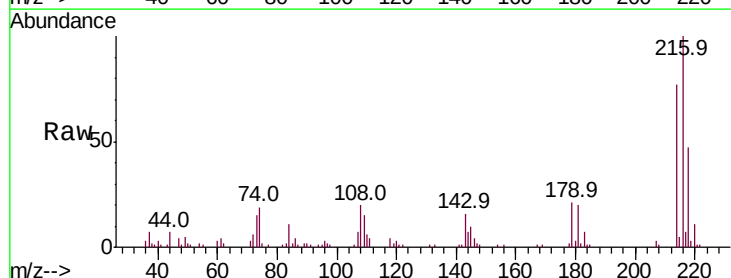
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

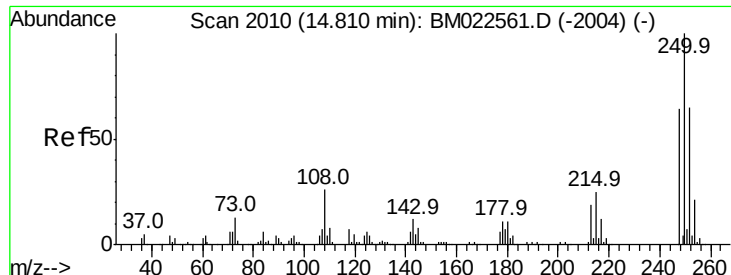
Tot Ion:178 Resp: 313612
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.3 18.5
 176 18.7 14.7 22.1



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.624 ng/uL
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:216 Resp: 73875
 Ion Ratio Lower Upper
 216 100
 214 77.1 62.5 93.7
 218 46.6 38.2 57.4





#74

Pentachlorobenzene

Concen: 3.671 ng/uL

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

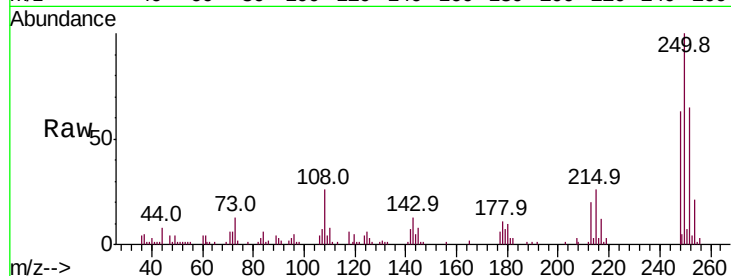
Tot Ion:250 Resp: 75436

Ion Ratio Lower Upper

250 100

248 63.2 51.3 76.9

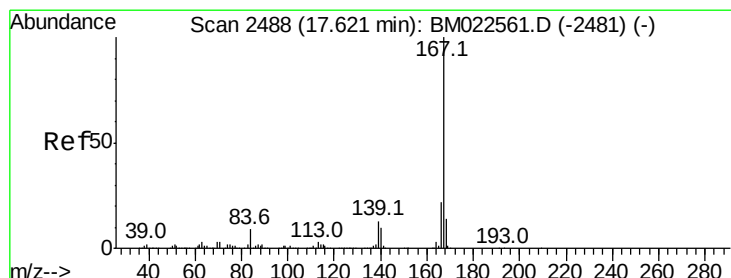
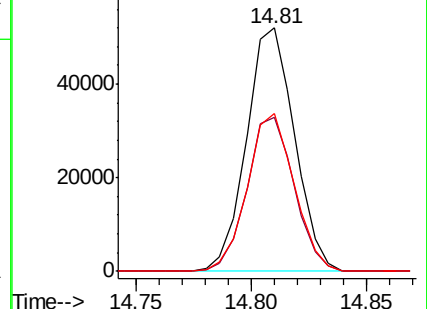
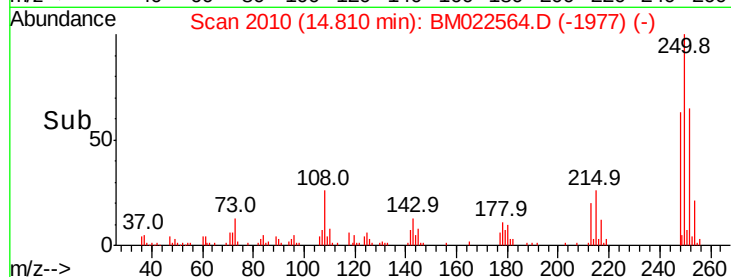
252 65.0 51.1 76.7



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: 3.784 ng/uL

RT: 17.62 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

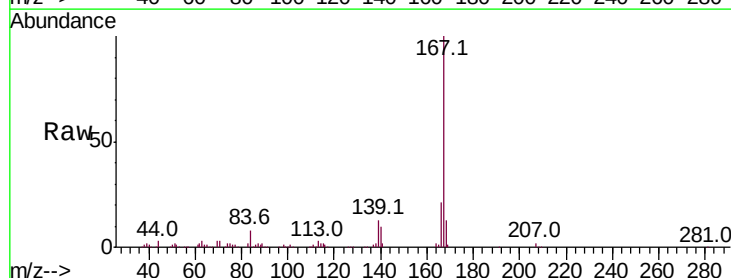
Tgt Ion:167 Resp: 280080

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

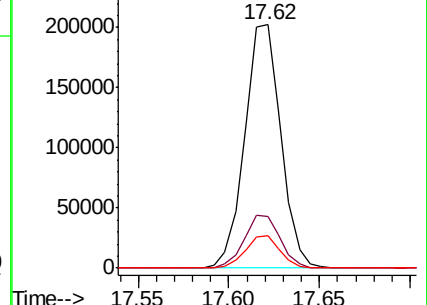
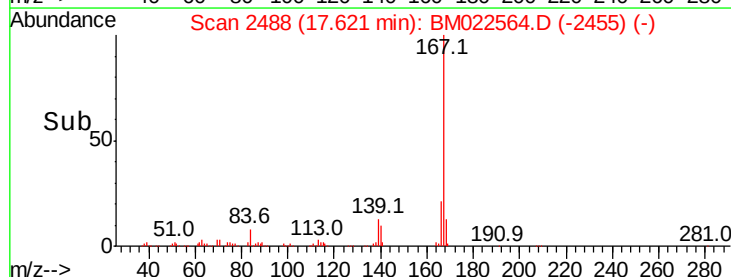
139 13.2 10.6 15.8

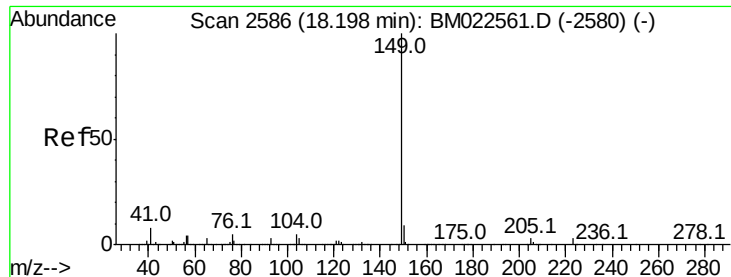


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

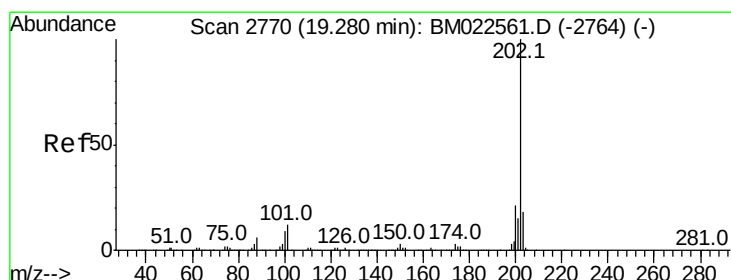
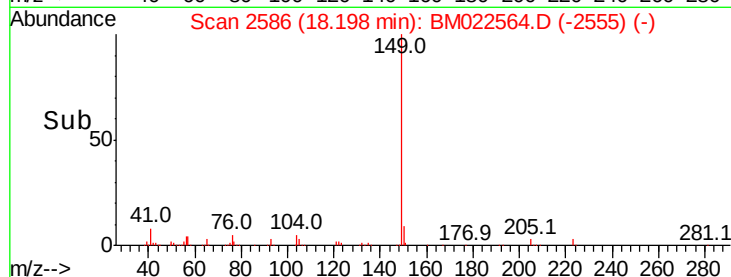
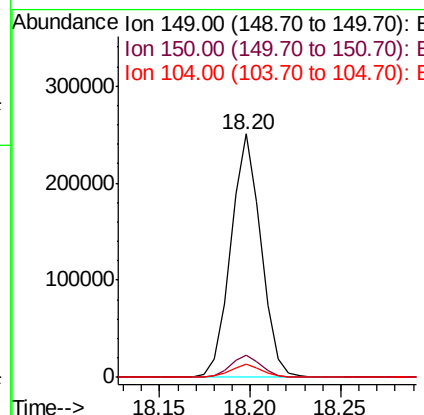
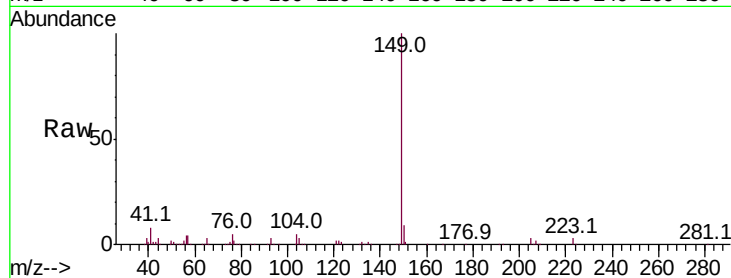




#76
Di-n-butylphthalate
Concen: 3.086 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

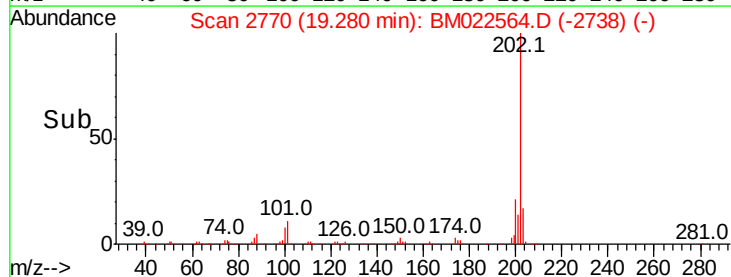
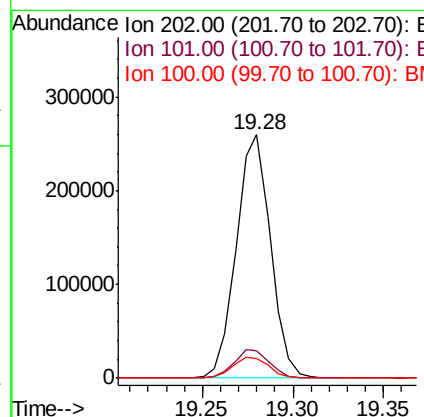
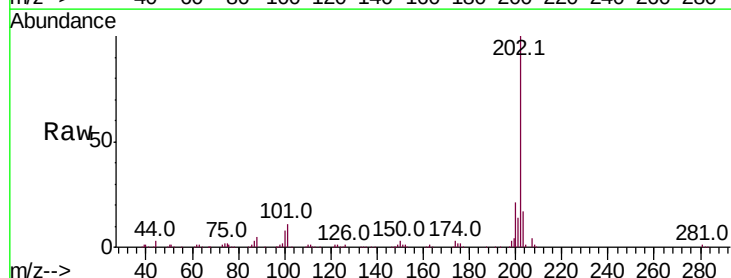
Instrument :
BNA_M
ClientSampleId :
MDL-S-02

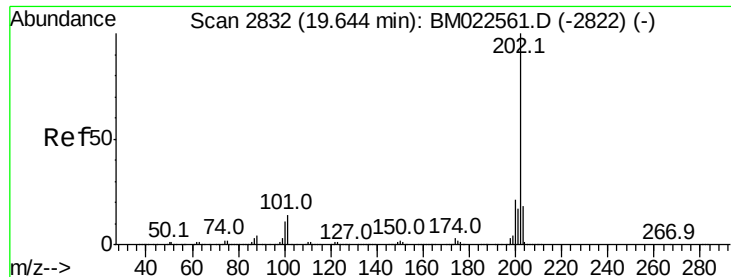
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.5	3.9	5.9



#77
Fluoranthene
Concen: 3.739 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.3	6.3	9.5

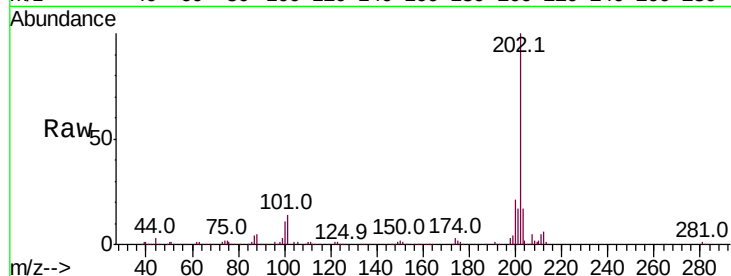




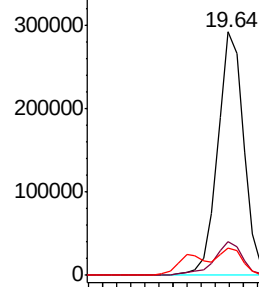
#80
Pvrene
Concen: 3.816 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :
MDL-S-02

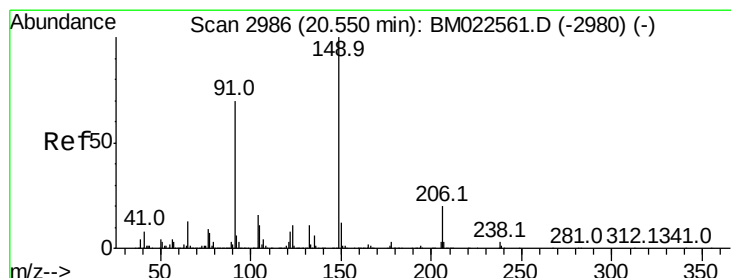
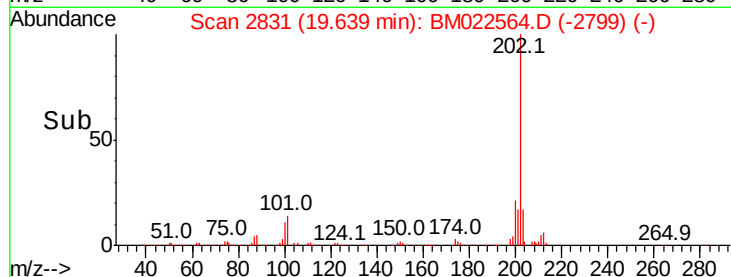
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.6	13.0



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

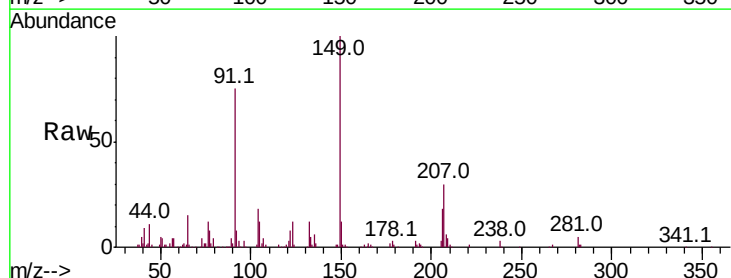


Time--> 19.55 19.60 19.65 19.70

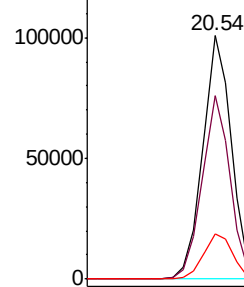


#81
Butylbenzylphthalate
Concen: 2.676 ng/ul
RT: 20.54 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

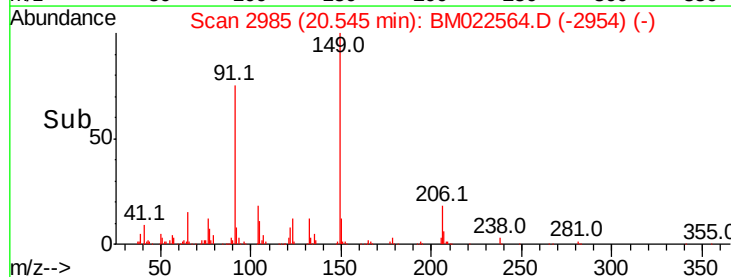
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	55.4	83.0
206	18.4	17.0	25.4

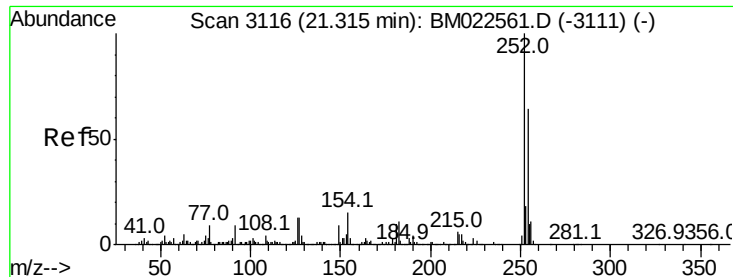


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E



Time--> 20.50 20.55 20.60

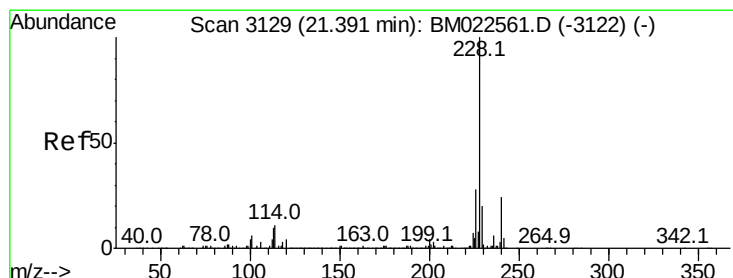
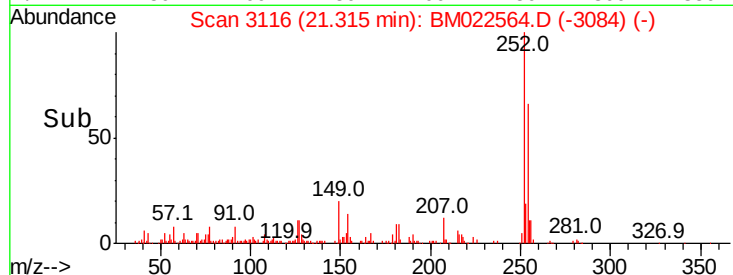
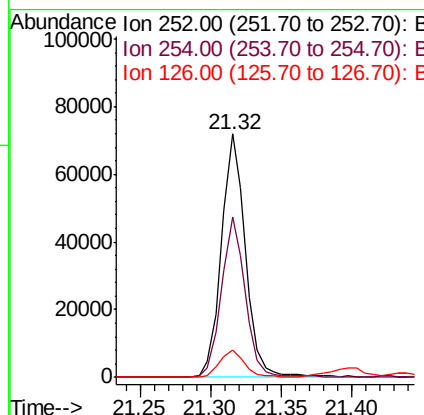
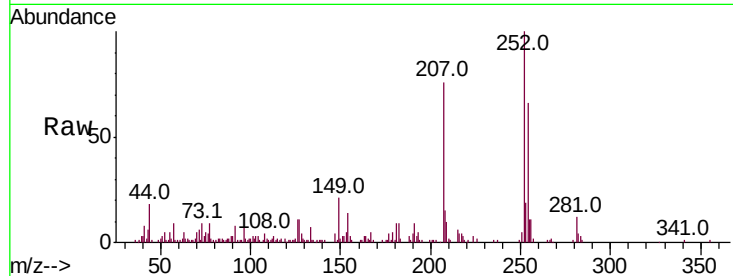




#82
 3,3'-Dichlorobenzidine
 Concen: 2.461 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

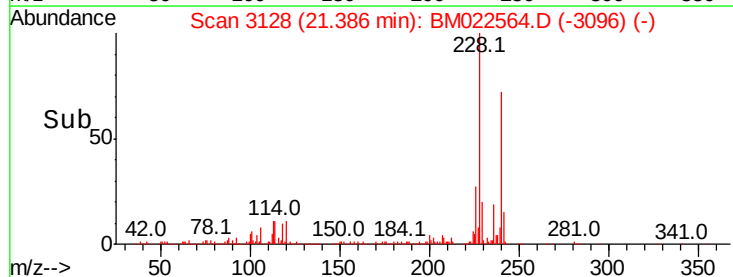
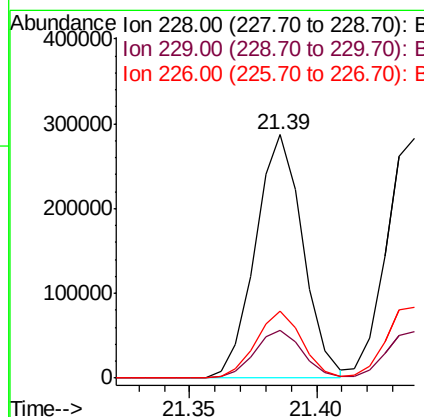
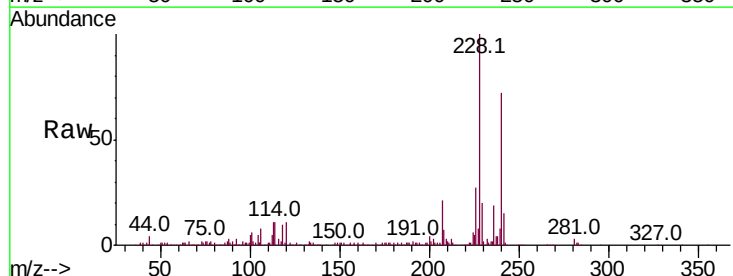
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

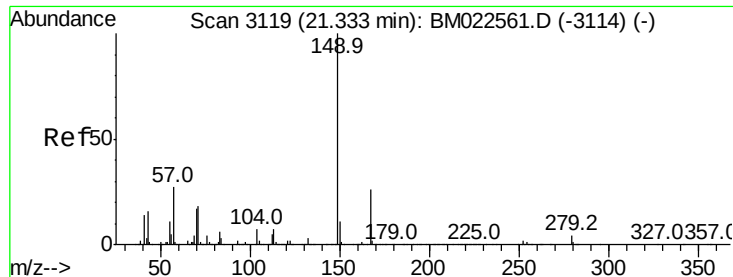
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.2	76.8
126	11.5	8.6	13.0



#83
 Benzo(a)anthracene
 Concen: 3.704 ng/ul
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.4	22.2	33.2

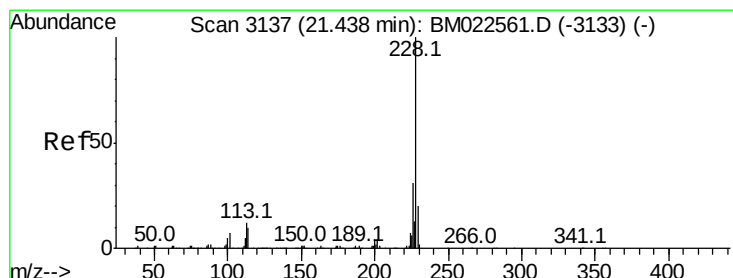
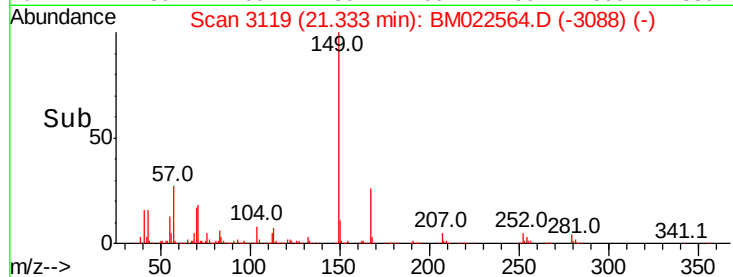
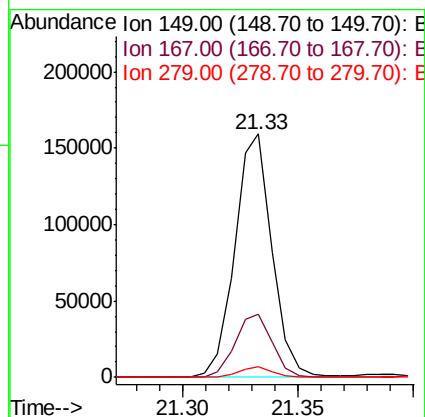
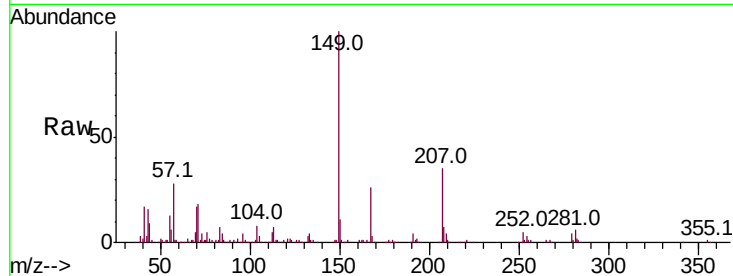




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.781 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

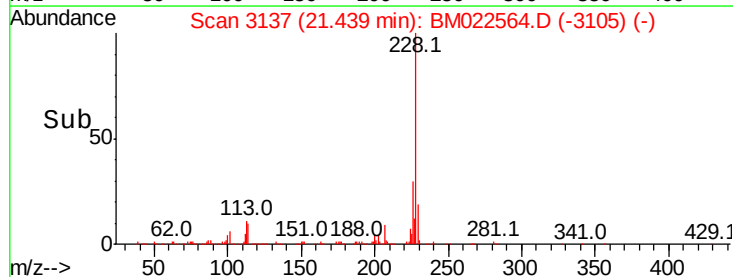
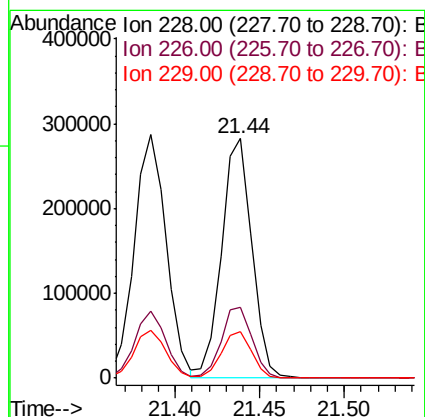
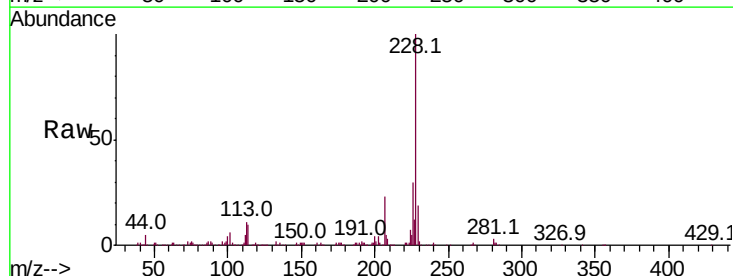
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

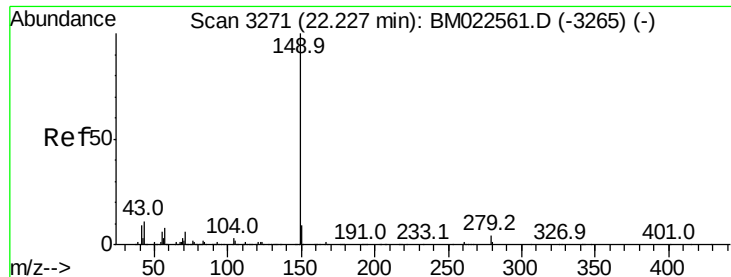
Tot Ion:149 Resp: 175629
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.7 32.5
 279 4.2 3.5 5.3



#85
 Chrysene
 Concen: 3.788 ng/ul
 RT: 21.44 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:228 Resp: 352723
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.4
 229 19.3 15.8 23.6





#87

Di-n-octyl phthalate

Concen: 2.395 ng/ul

RT: 22.23 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

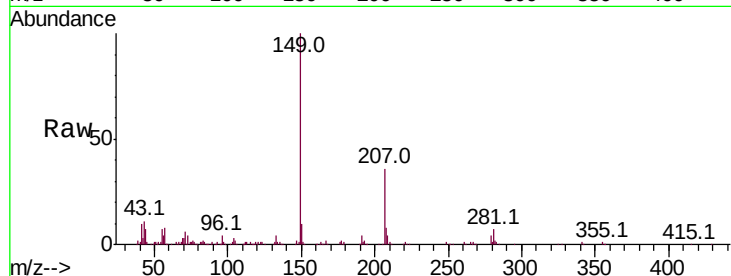
Instrument :

BNA_M

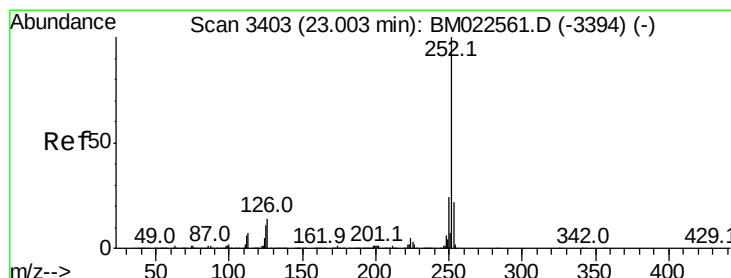
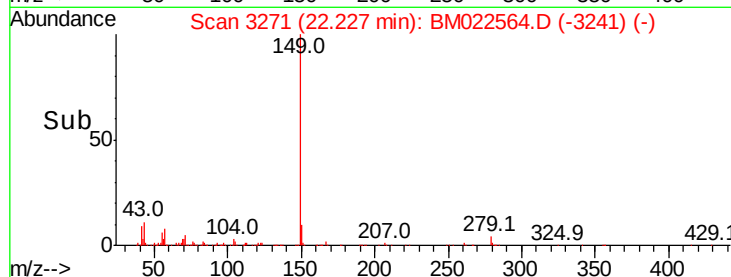
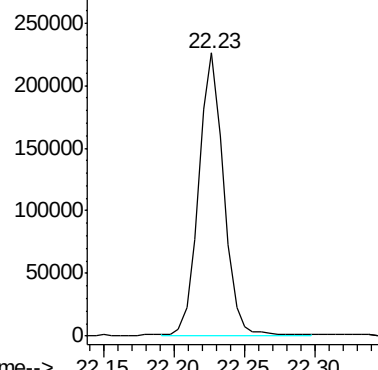
ClientSampleId :

MDL-S-02

Tgt Ion:149 Resp: 274939



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.441 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. -0.02 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

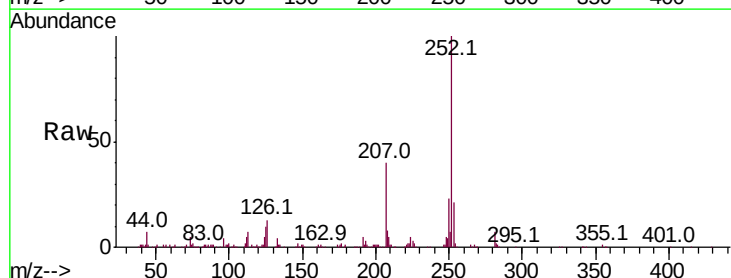
Tgt Ion:252 Resp: 363034

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	10.4	8.0	12.0

252 100

253 21.4 17.8 26.6

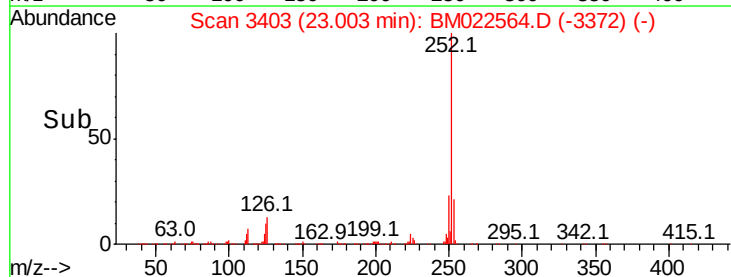
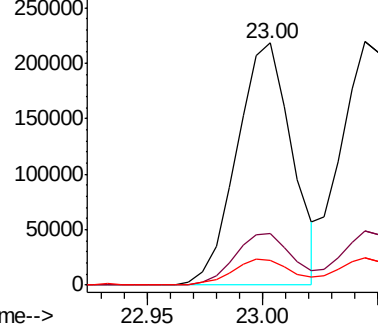
125 10.4 8.0 12.0

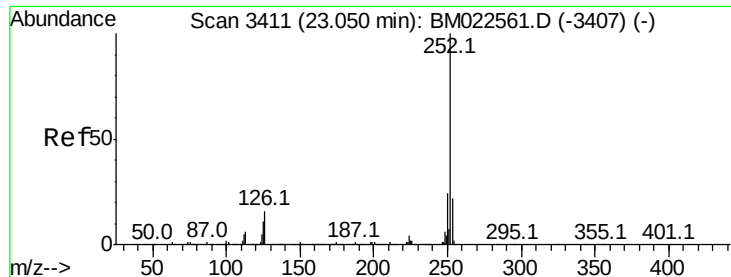


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.698 ng/ul

RT: 23.04 min Scan# 3410

Delta R.T. -0.02 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

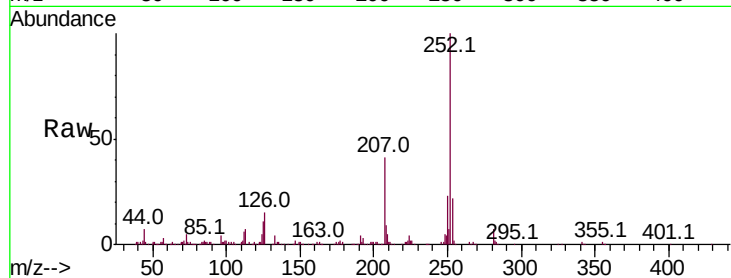
Tot Ion:252 Resp: 379055

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

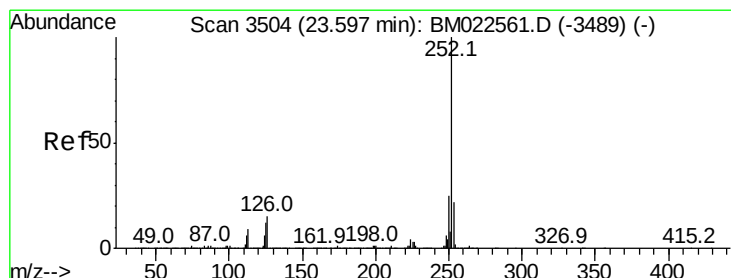
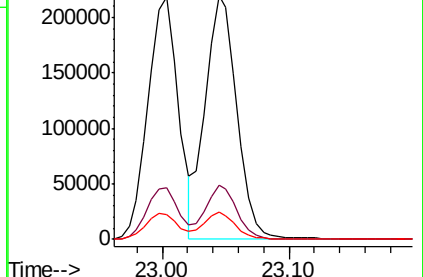
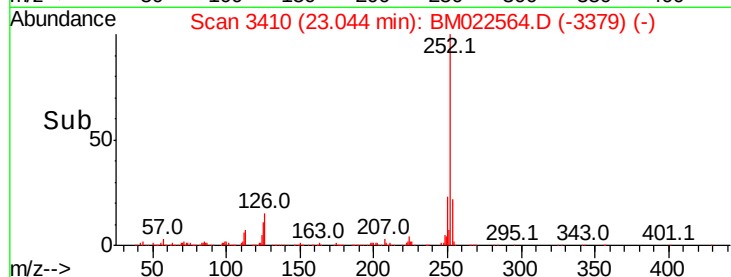
125 11.2 8.2 12.2



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: 3.752 ng/ul

RT: 23.59 min Scan# 3503

Delta R.T. -0.02 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

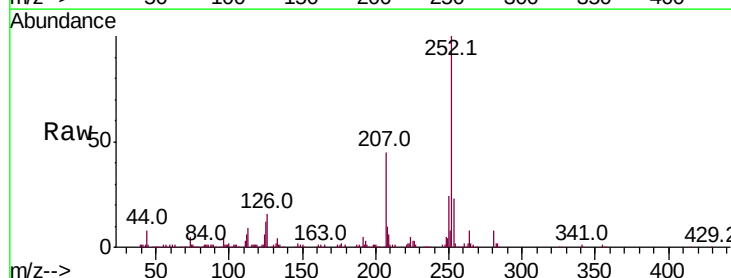
Tgt Ion:252 Resp: 377601

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

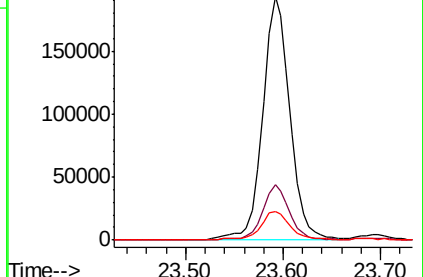
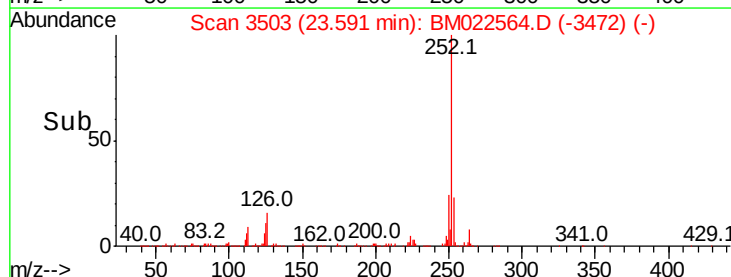
125 11.5 8.9 13.3

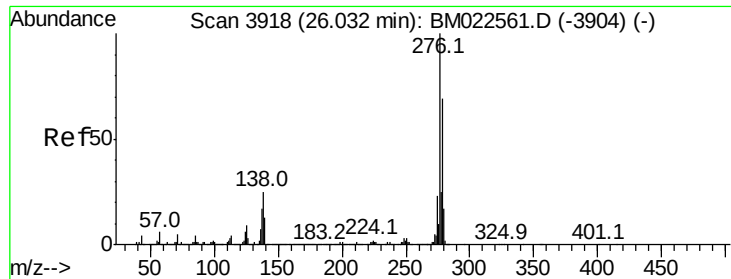


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

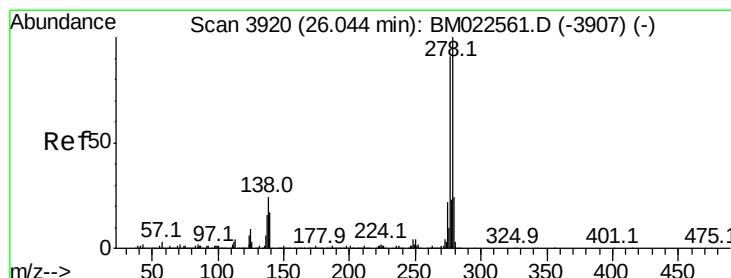
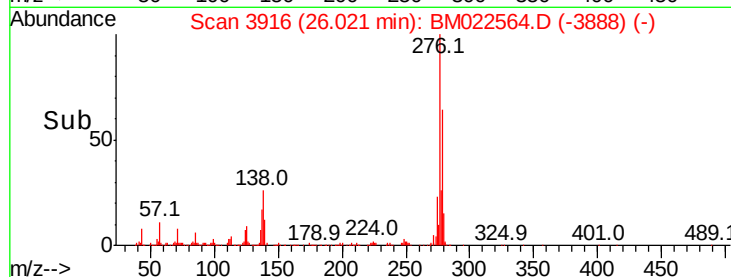
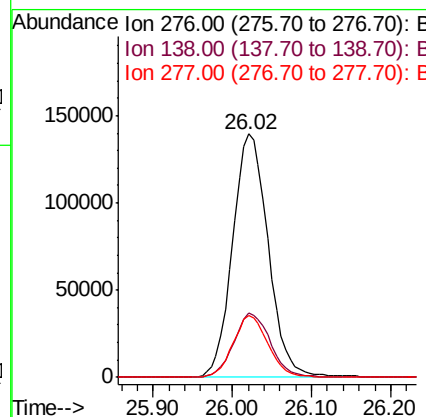
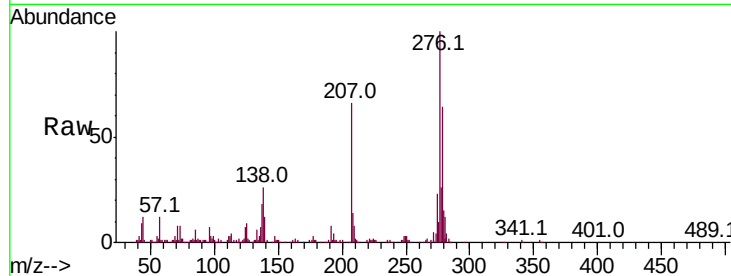




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.741 ng/ul
 RT: 26.02 min Scan# 3916
 Delta R.T. -0.04 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

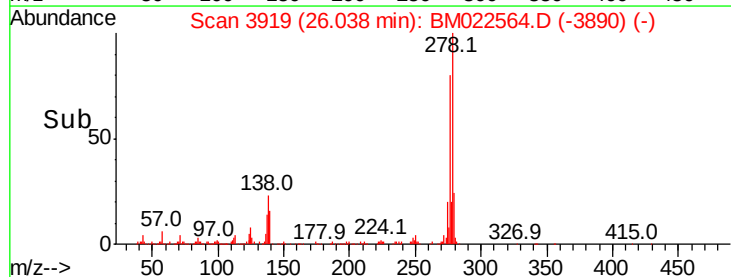
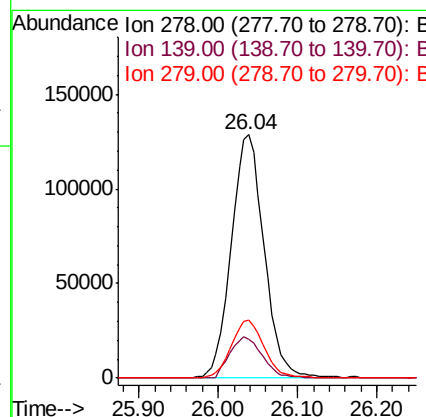
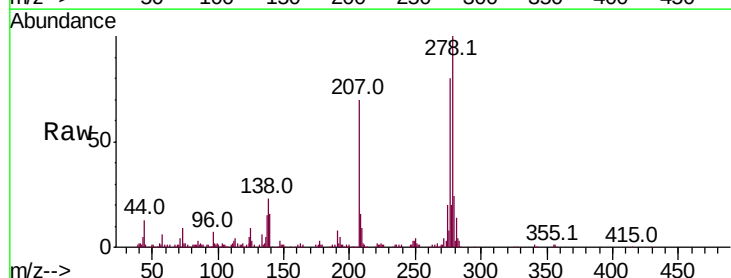
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

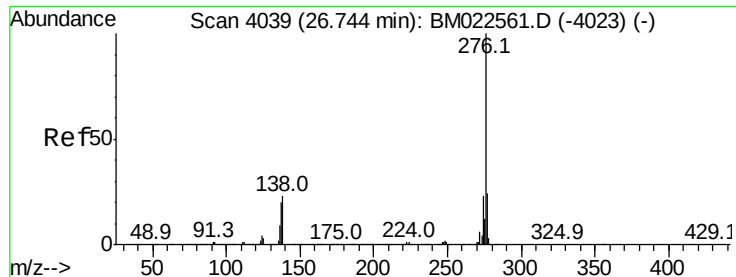
Tot Ion:276 Resp: 434975
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.2 28.8
 277 25.6 19.8 29.8



#93
 Dibenzo(a,h)anthracene
 Concen: 3.823 ng/ul
 RT: 26.04 min Scan# 3919
 Delta R.T. -0.03 min
 Lab File: BM022564.D
 Acq: 06 Sep 2019 22:26

Tgt Ion:278 Resp: 369927
 Ion Ratio Lower Upper
 278 100
 139 16.1 13.3 19.9
 279 24.0 19.2 28.8





#94

Benzo(a,h,i)perylene

Concen: 3.735 ng/ul

RT: 26.73 min Scan# 4037

Delta R.T. -0.04 min

Lab File: BM022564.D

Acq: 06 Sep 2019 22:26

Instrument :

BNA_M

ClientSampleId :

MDL-S-02

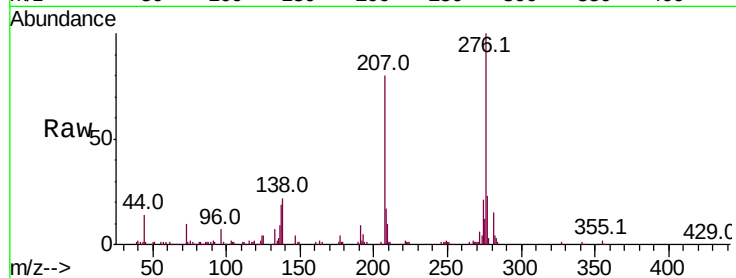
Tot Ion:276 Resp: 356714

Ion Ratio Lower Upper

276 100

138 22.3 17.0 25.6

277 23.3 18.8 28.2

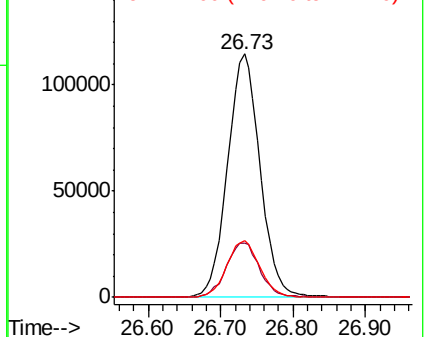
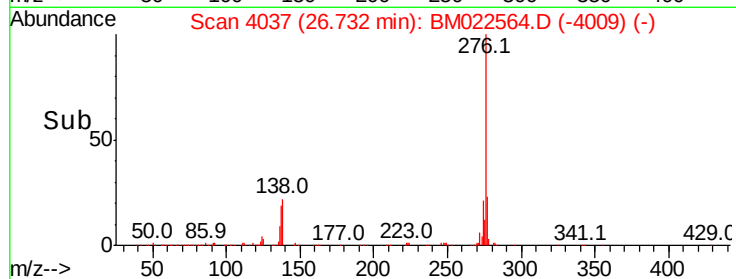


Abundance

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 : BM022564.D
 Acq On : 06 Sep 2019 22:26
 Operator : HP/JU
 Sample : MDL-S-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

Quant Time: Sep 06 23:22:50 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	219156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	994377	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	630985	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1309347	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1363960	20.00	ng/ul	-0.01
86) Perylene-d12	23.69	264	1603459	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8721	1.66	ng/uL	0.00
5) Phenol-d5	7.01	99	566297	28.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	354244	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	455064	28.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	464108	28.24	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	217477	30.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	194382	29.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	433488	25.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	664716	29.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1485019	29.04	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1854281	30.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	247391	28.33	ng/ul	0.00
58) Fluorene-d10	15.48	176	1260354	29.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	146840	24.67	ng/ul	-0.01
71) Anthracene-d10	17.32	188	1979688	29.51	ng/ul	-0.01
79) Pyrene-d10	19.62	212	2158280	28.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2426463	28.16	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.34	88	8068	1.525	ng/uL# 83
4) Benzaldehyde	6.99	77	34623	3.280	ng/ul 96
6) Phenol	7.04	94	79412	3.759	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.28	93	62688	3.907	ng/ul 98
10) 2-Chlorophenol	7.42	128	63227	3.767	ng/ul 97
11) 2-Methylphenol	8.29	108	56226	3.411	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	95752	4.058	ng/ul 96
14) Acetophenone	8.67	105	100677	3.926	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.66	70	51333	3.706	ng/ul 99
16) 4-Methylphenol	8.62	108	64871	3.644	ng/ul 97
17) Hexachloroethane	8.95	117	25379	3.817	ng/ul 95
20) Nitrobenzene	9.05	77	73793	4.111	ng/ul 98
21) Isophorone	9.58	82	142889	3.553	ng/ul 100
23) 2-Nitrophenol	9.76	139	29539	3.762	ng/ul 96
24) 2,4-Dimethylphenol	9.82	107	69840	3.548	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.06	93	86331	3.661	ng/ul 99
27) 2,4-Dichlorophenol	10.29	162	58174	3.508	ng/ul 94
28) Naphthalene	10.70	128	212034	3.846	ng/ul 100
30) 4-Chloroaniline	10.80	127	85086	3.733	ng/ul 98
31) Hexachlorobutadiene	11.00	225	35955	3.520	ng/ul 99
32) Caprolactam	11.59	113	17775	2.880	ng/ul 98
33) 4-Chloro-3-methylphenol	11.92	107	60324	3.297	ng/ul 98
34) 2-Methylnaphthalene	12.32	142	155506	3.744	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
 Data File : BM022564.D
 Acq On : 06 Sep 2019 22:26
 Operator : HP/JU
 Sample : MDL-S-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-02

Quant Time: Sep 06 23:22:50 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	146706	3.697	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	72769	3.574	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	34913	2.782	ng/ul	97
39) 2,4,6-Trichlorophenol	12.92	196	38395	3.013	ng/ul	97
40) 2,4,5-Trichlorophenol	12.98	196	46442	3.360	ng/ul	97
41) 1,1'-Biphenyl	13.32	154	201993	3.844	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	155394	3.906	ng/ul	99
43) 2-Nitroaniline	13.56	65	32911	3.543	ng/ul	97
45) Dimethylphthalate	13.95	163	198347	3.822	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	26701	3.160	ng/ul#	89
48) Acenaphthylene	14.21	152	246503	3.882	ng/ul	100
49) 3-Nitroaniline	14.37	138	26902	2.936	ng/ul	95
50) Acenaphthene	14.55	153	169214	3.846	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	12157	3.136	ng/ul#	83
53) 4-Nitrophenol	14.67	109	27816	3.964	ng/ul	86
54) Dibenzofuran	14.89	168	236931	3.880	ng/ul	99
55) 2,4-Dinitrotoluene	14.83	165	42488	3.433	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.11	232	33543	2.922	ng/ul	98
57) Diethylphthalate	15.31	149	195182	3.635	ng/ul	99
59) Fluorene	15.53	166	195359	3.888	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	94303	3.793	ng/ul	96
61) 4-Nitroaniline	15.53	138	30445	2.916	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	21400	3.108	ng/ul#	75
65) N-Nitrosodiphenylamine	15.74	169	166617	3.729	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	55060	3.366	ng/ul	92
67) Hexachlorobenzene	16.54	284	65248	3.619	ng/ul	98
68) Atrazine	16.69	200	51861	3.019	ng/ul	96
69) Pentachlorophenol	16.87	266	24481	2.461	ng/ul	96
70) Phenanthrene	17.27	178	309239	3.857	ng/ul	98
72) Anthracene	17.36	178	313612	3.808	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	73875	3.624	ng/uL	99
74) Pentachlorobenzene	14.81	250	75436	3.671	ng/uL	99
75) Carbazole	17.62	167	280080	3.784	ng/ul	99
76) Di-n-butylphthalate	18.20	149	289258	3.086	ng/ul	99
77) Fluoranthene	19.28	202	340148	3.739	ng/ul	99
80) Pvrene	19.64	202	376629	3.816	ng/ul	99
81) Butylbenzylphthalate	20.54	149	111361	2.676	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.32	252	85358	2.461	ng/ul	98
83) Benzo(a)anthracene	21.39	228	374800	3.704	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.33	149	175629	2.781	ng/ul	98
85) Chrysene	21.44	228	352723	3.788	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	274939	2.395	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	363034	3.441	ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	379055	3.698	ng/ul	99
91) Benzo(a)pyrene	23.59	252	377601	3.752	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	434975	3.741	ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	369927	3.823	ng/ul	100
94) Benzo(a,h,i)perylene	26.73	276	356714	3.735	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-02

Quant Time: Sep 06 23:22:50 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						