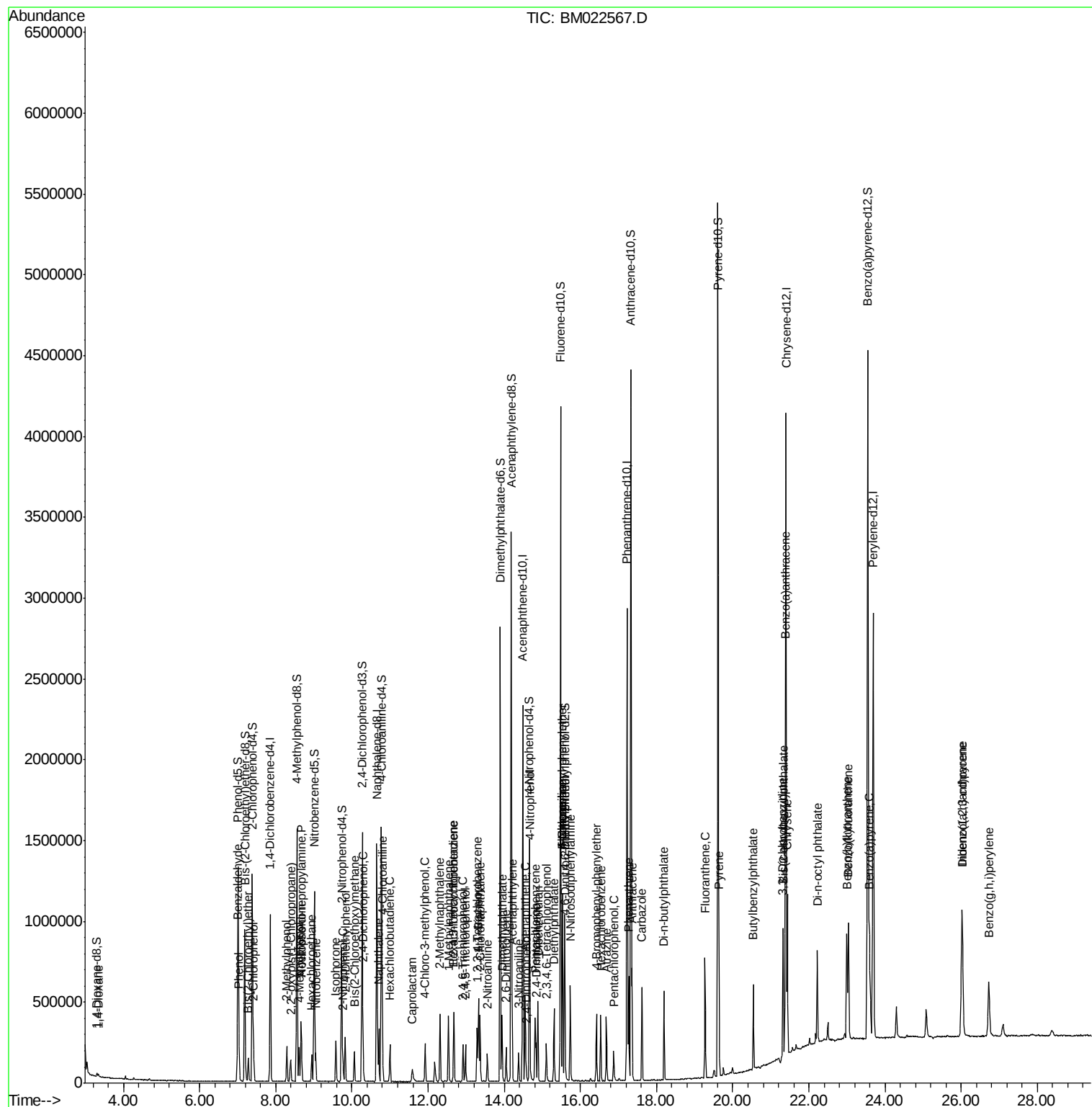
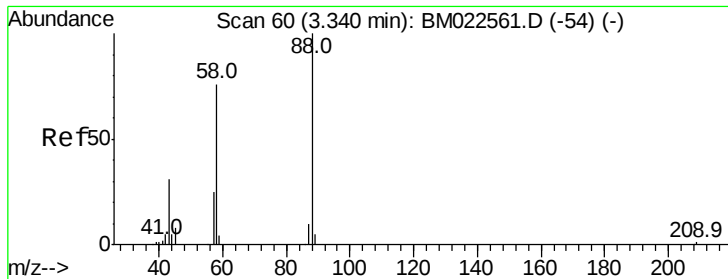


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022567.D
Acq On : 07 Sep 2019 00:15
Operator : HP/JU
Sample : MDL-S-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 08 01:35:06 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: 1.694 ng/uL

RT: 3.34 min Scan# 60

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

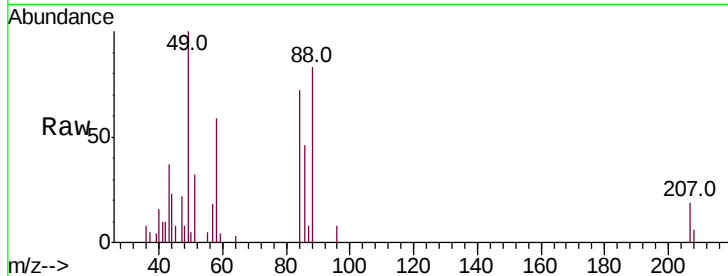
Tot Ion: 88 Resp: 10783

Ion Ratio Lower Upper

88 100

43 45.0 37.9 56.9

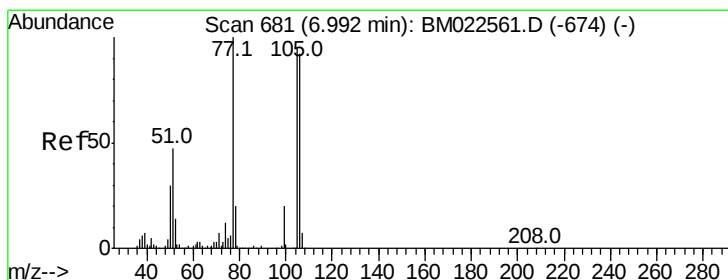
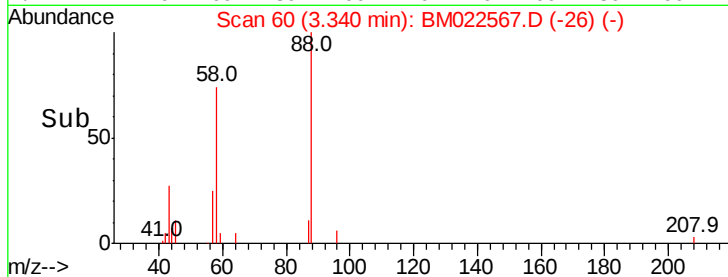
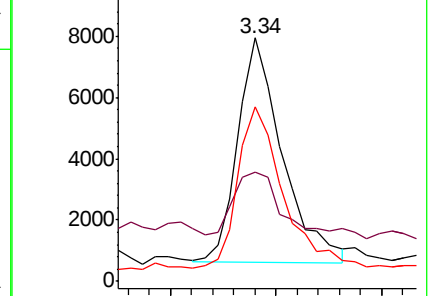
58 71.8 59.4 89.0



Abundance Ion 88.00 (87.70 to 88.70): BM022567.D (-647) (-)

Ion 43.00 (42.70 to 43.70): BM022567.D (-647) (-)

Ion 58.00 (57.70 to 58.70): BM022567.D (-647) (-)



#4

Benzaldehyde

Concen: 3.330 ng/uL

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

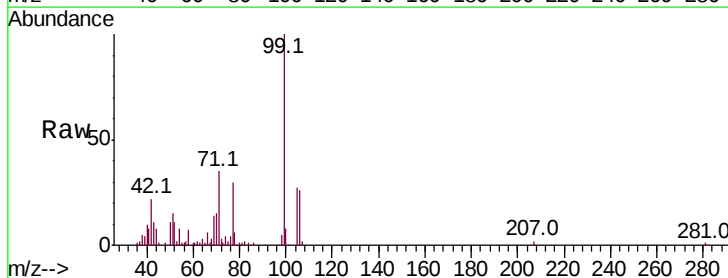
Tgt Ion: 77 Resp: 42280

Ion Ratio Lower Upper

77 100

105 90.5 79.0 118.6

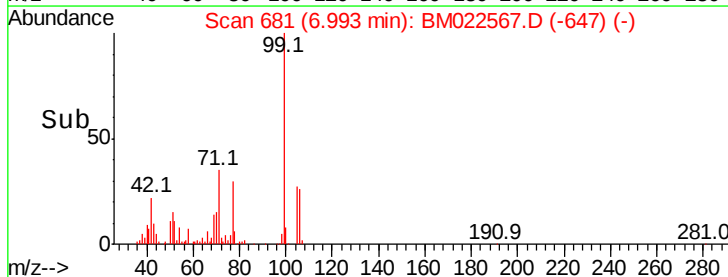
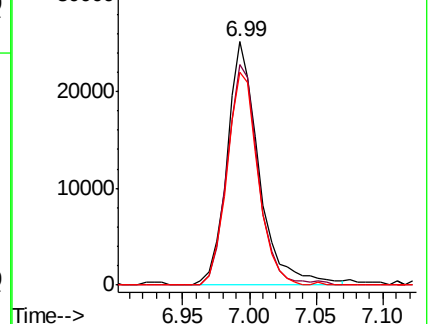
106 87.4 75.1 112.7

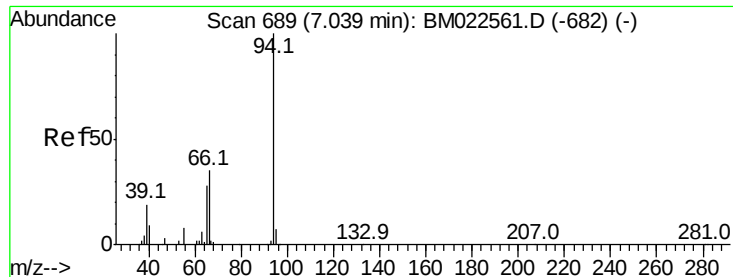


Abundance Ion 77.00 (76.70 to 77.70): BM022567.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BM022567.D (-647) (-)

Ion 106.00 (105.70 to 106.70): BM022567.D (-647) (-)





#6

Phenol

Concen: 3.884 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

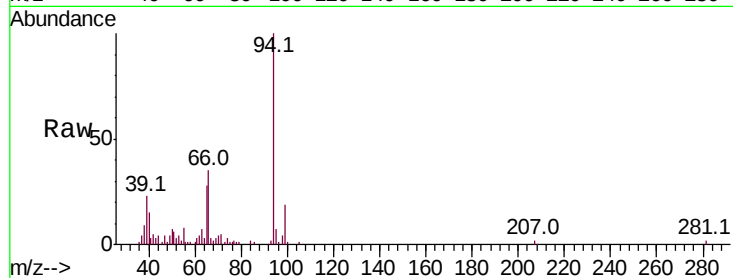
Tot Ion: 94 Resp: 98657

Ion Ratio Lower Upper

94 100

65 28.1 22.8 34.2

66 34.8 29.1 43.7

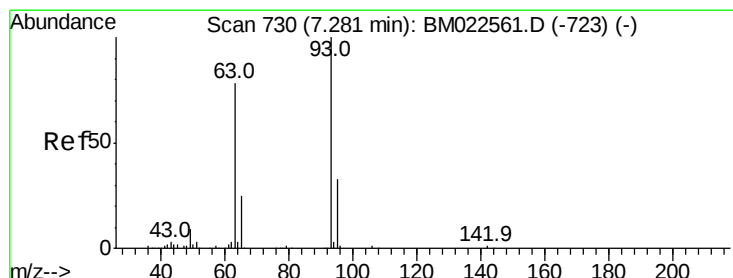
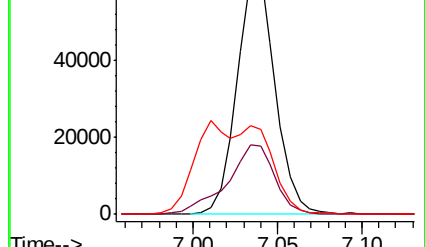
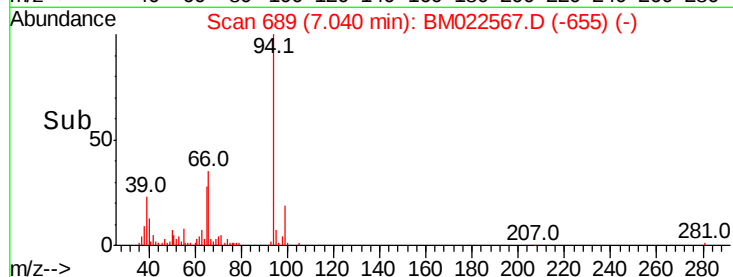


Abundance Ion 94.00 (93.70 to 94.70): BM022567.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM022567.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM022567.D (-682) (-)

7.04



#8

Bis(2-Chloroethyl)ether

Concen: 4.045 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

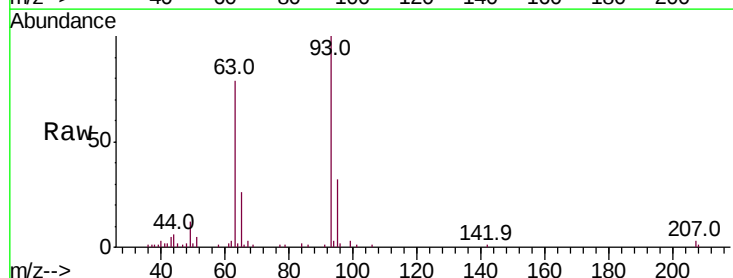
Tgt Ion: 93 Resp: 78048

Ion Ratio Lower Upper

93 100

63 78.6 62.2 93.2

95 31.6 26.6 39.8

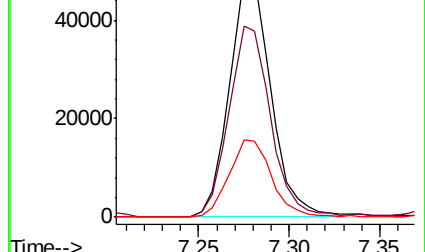
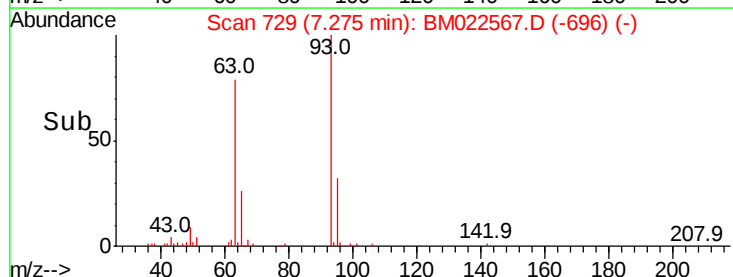


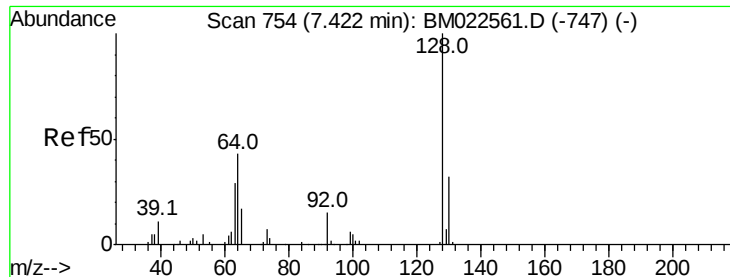
Abundance Ion 93.00 (92.70 to 93.70): BM022567.D (-723) (-)

Ion 63.00 (62.70 to 63.70): BM022567.D (-723) (-)

Ion 95.00 (94.70 to 95.70): BM022567.D (-723) (-)

7.28

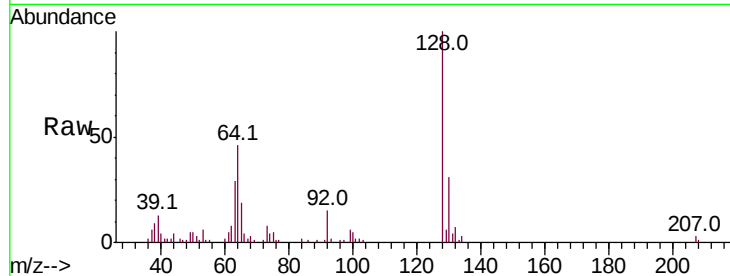




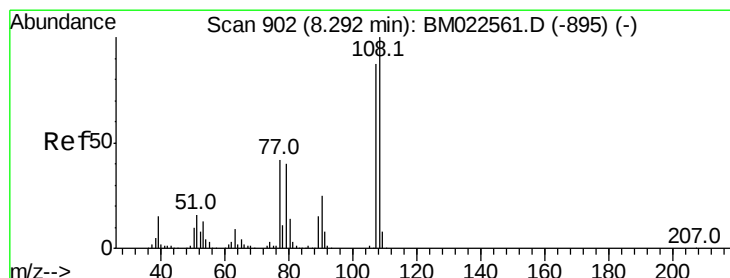
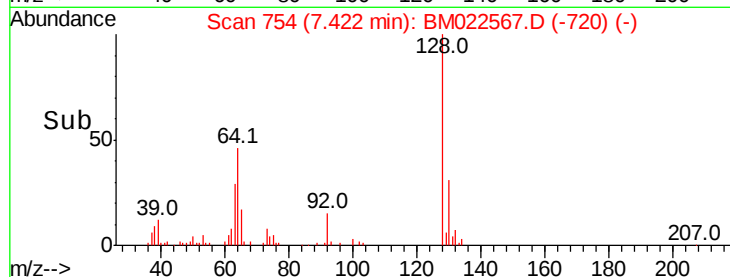
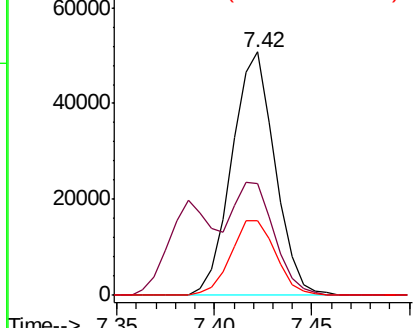
#10
2-Chlorophenol
Concen: 3.847 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Tot Ion:128 Resp: 77647
Ion Ratio Lower Upper
128 100
64 46.1 36.0 54.0
130 30.7 26.1 39.1

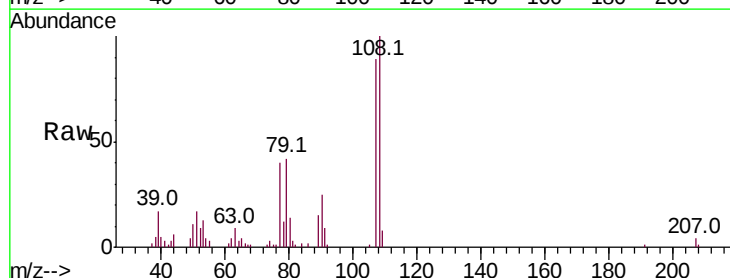


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

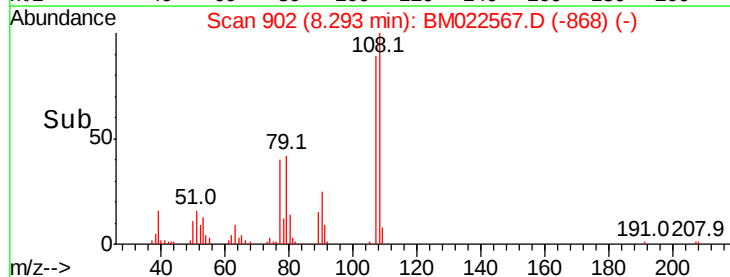
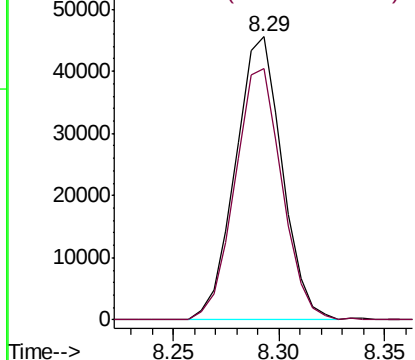


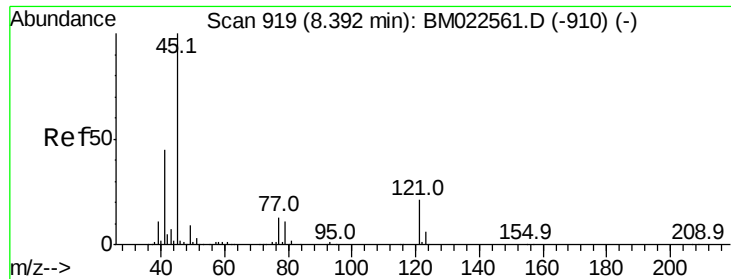
#11
2-Methylphenol
Concen: 3.525 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:108 Resp: 69880
Ion Ratio Lower Upper
108 100
107 88.9 70.7 106.1



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





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 4.319 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

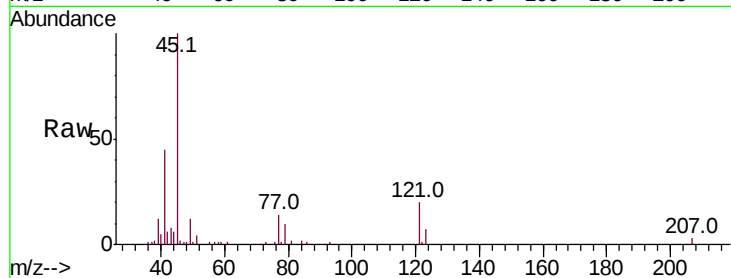
Tot Ion: 45 Resp: 122566

Ion Ratio Lower Upper

45 100

77 14.4 11.6 17.4

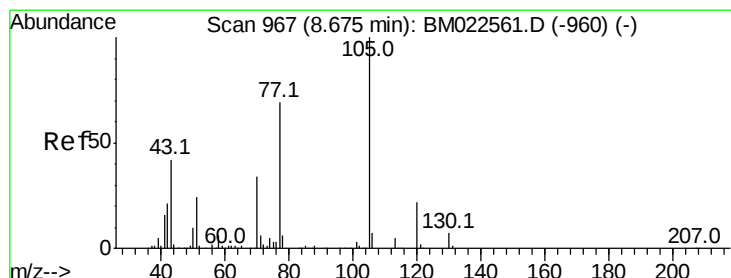
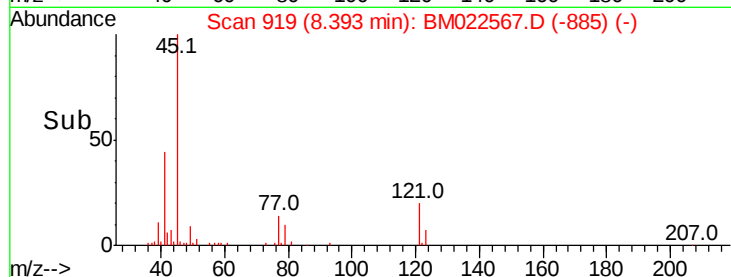
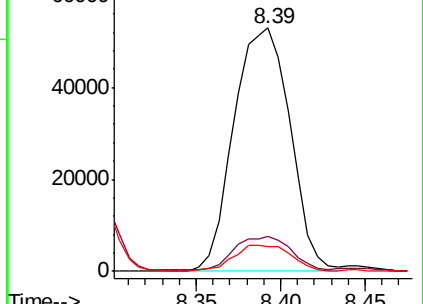
79 10.1 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): BM022561.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM022561.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM022561.D (-910) (-)



#14

Acetophenone

Concen: 4.152 ng/ul

RT: 8.68 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

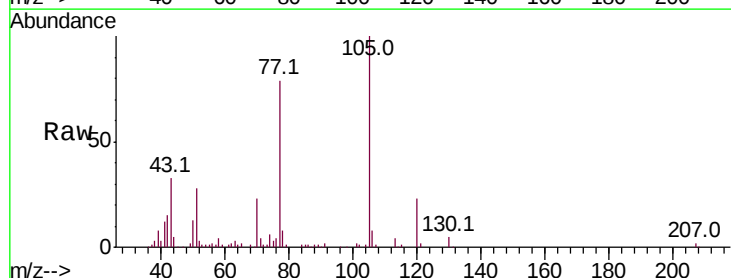
Tgt Ion:105 Resp: 128050

Ion Ratio Lower Upper

105 100

77 79.1 62.1 93.1

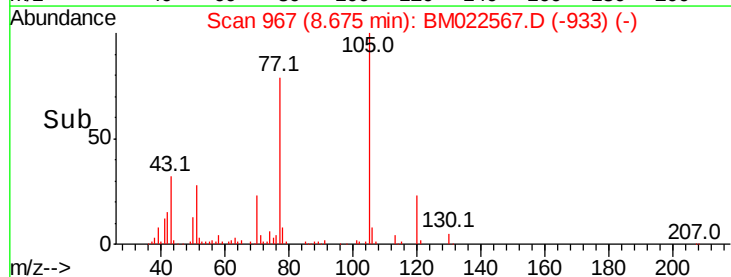
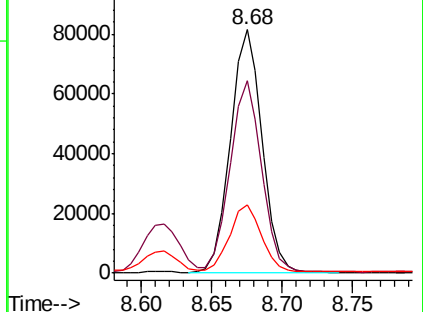
51 28.2 21.8 32.6

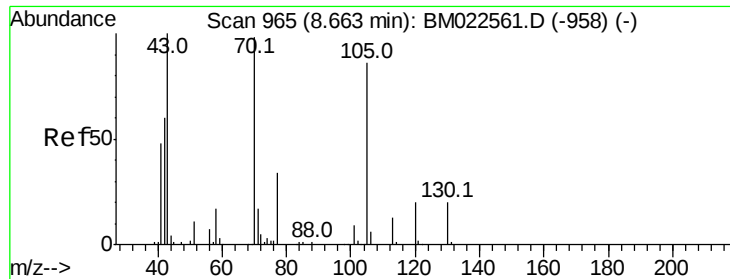


Abundance Ion 105.00 (104.70 to 105.70): BM022561.D (-960) (-)

Ion 77.00 (76.70 to 77.70): BM022561.D (-960) (-)

Ion 51.00 (50.70 to 51.70): BM022561.D (-960) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 3.925 ng/ul

RT: 8.66 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

Tot Ion: 70 Resp: 65386

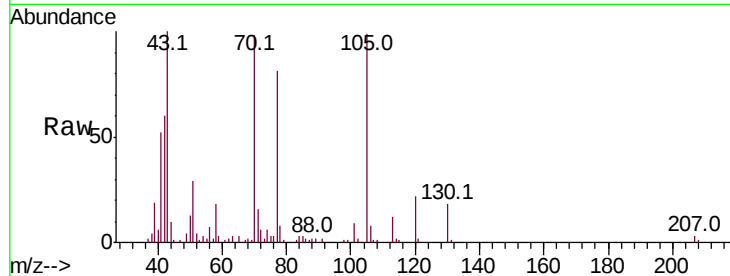
Ion Ratio Lower Upper

70 100

42 61.1 48.3 72.5

101 9.2 8.2 12.2

130 18.2 18.1 27.1

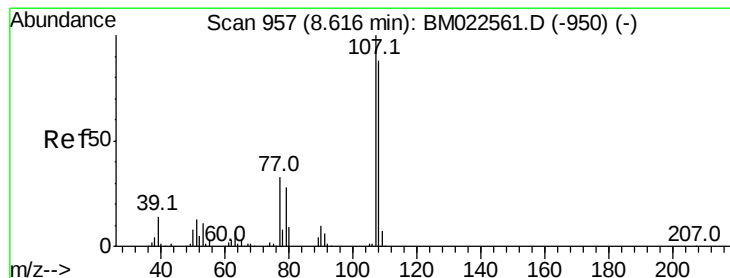
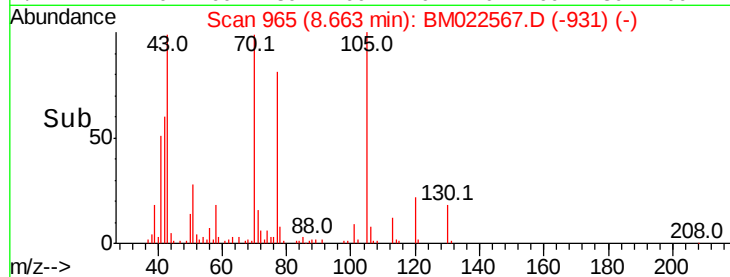
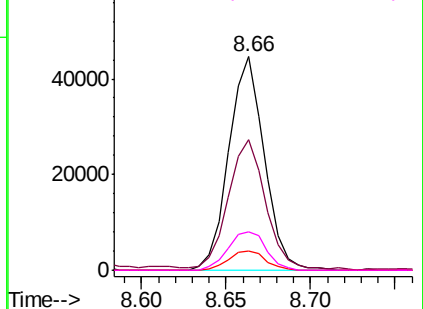


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 3.809 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM022567.D

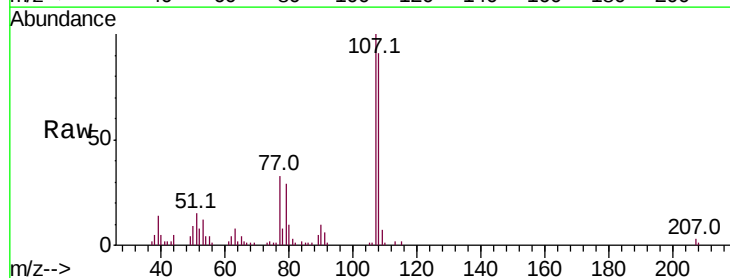
Acq: 07 Sep 2019 00:15

Tgt Ion: 108 Resp: 81529

Ion Ratio Lower Upper

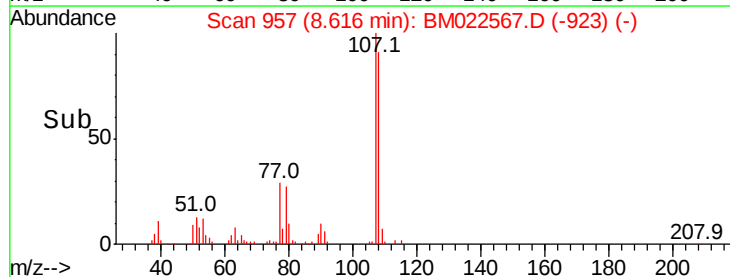
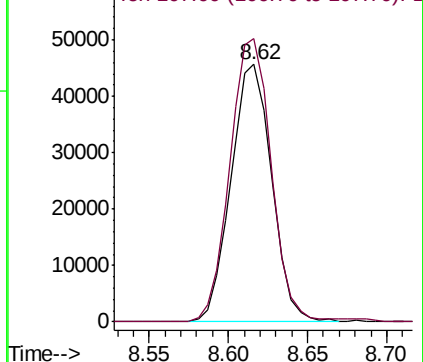
108 100

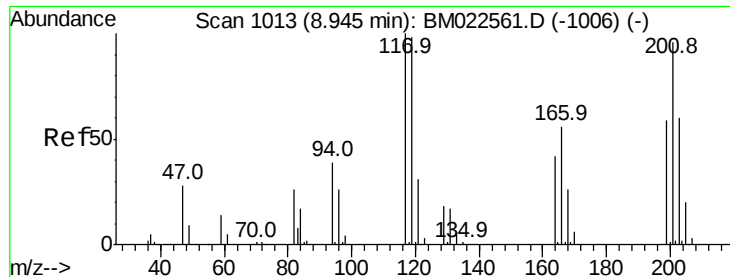
107 110.0 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

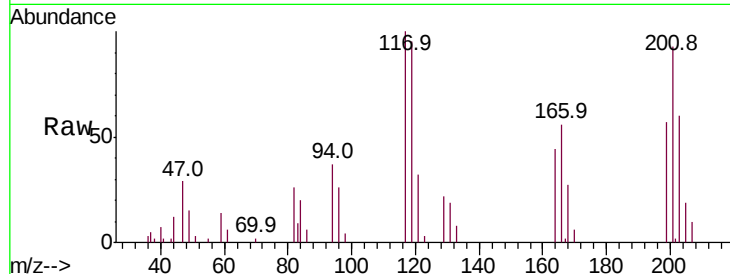




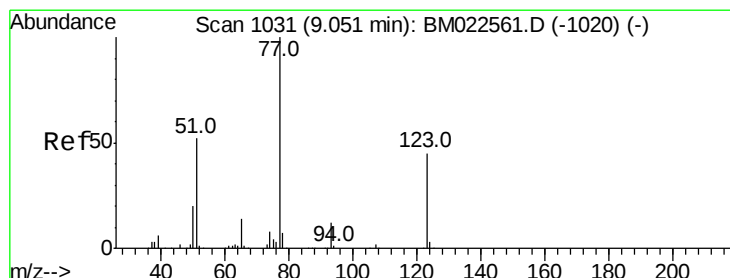
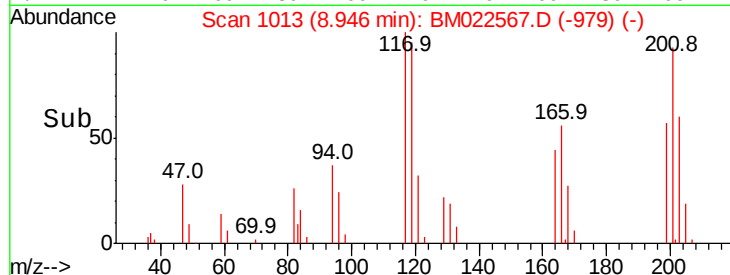
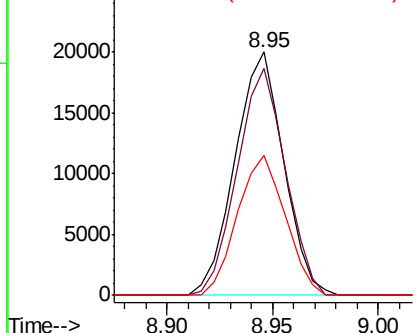
#17
Hexachloroethane
Concen: 4.000 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Instrument :
BNA_M
ClientSampled :
MDL-S-05

Tot Ion:117 Resp: 31986
Ion Ratio Lower Upper
117 100
201 95.3 77.6 116.4
199 57.4 47.6 71.4

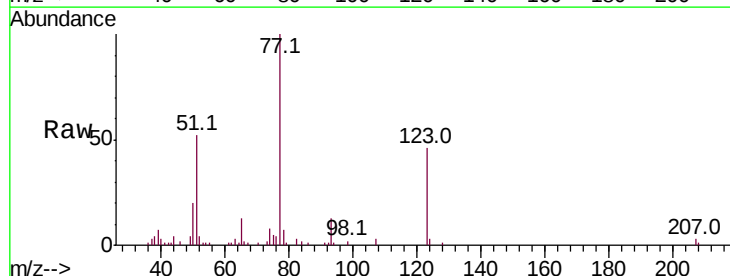


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

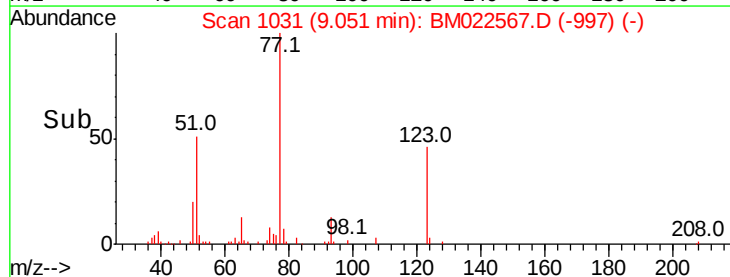
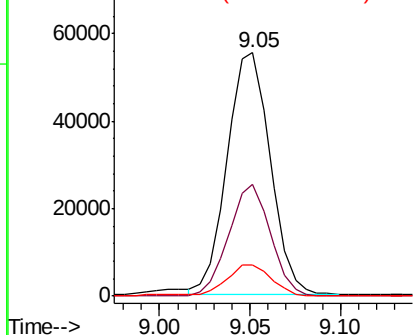


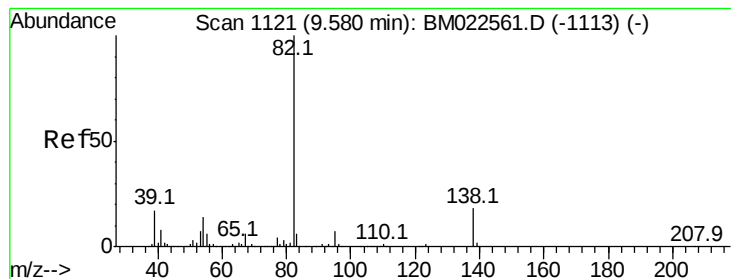
#20
Nitrobenzene
Concen: 4.227 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion: 77 Resp: 91772
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.6
65 12.8 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.688 ng/ul

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampled :

MDL-S-05

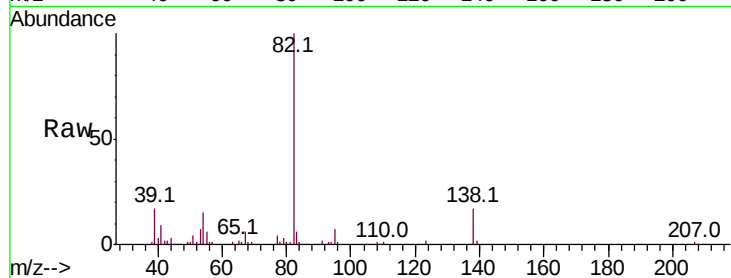
Tot Ion: 82 Resp: 179441

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

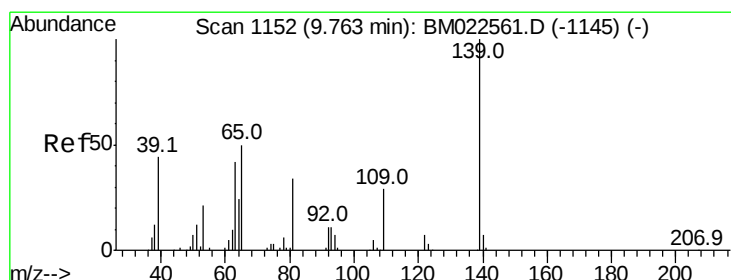
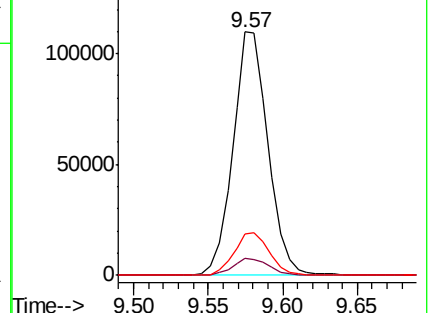
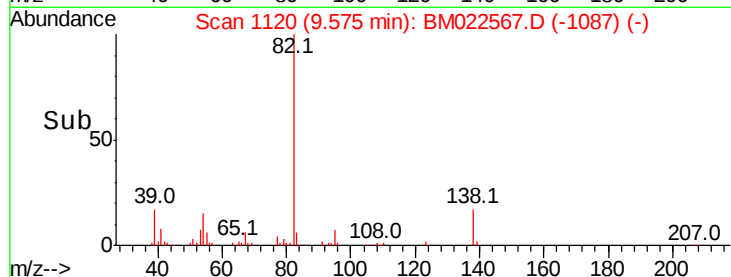
138 16.8 14.4 21.6



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

Ion 95.00 (94.70 to 95.70): BM022567.D (-1087) (-)

Ion 138.00 (137.70 to 138.70): BM022567.D (-1087) (-)



#23

2-Nitrophenol

Concen: 3.973 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

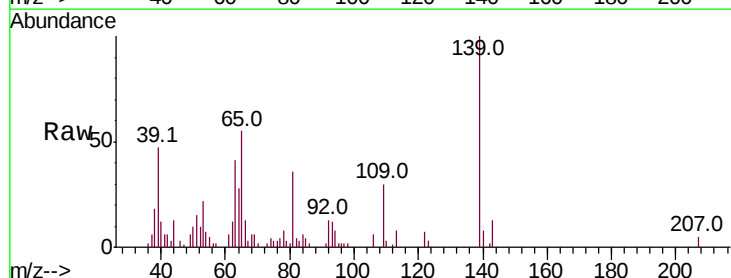
Tgt Ion: 139 Resp: 37734

Ion Ratio Lower Upper

139 100

65 54.9 39.3 58.9

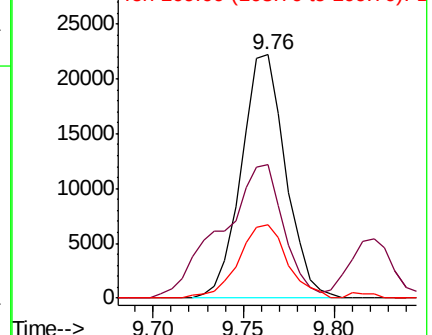
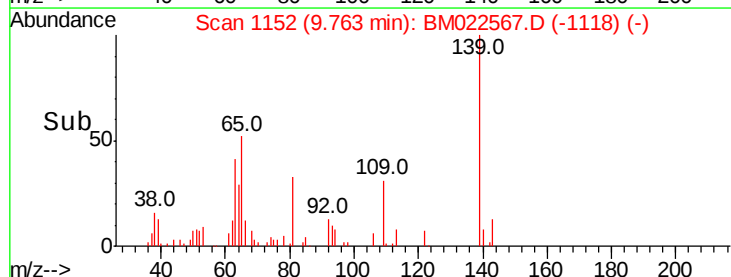
109 30.2 23.5 35.3

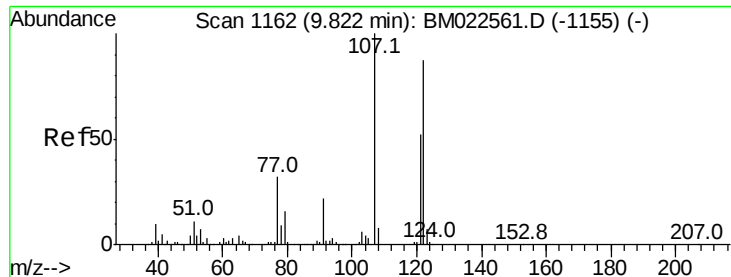


Abundance Ion 139.00 (138.70 to 139.70): BM022561.D (-1145) (-)

Ion 65.00 (64.70 to 65.70): BM022567.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM022567.D (-1118) (-)





#24

2,4-Dimethylphenol

Concen: 3.769 ng/ul

RT: 9.82 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

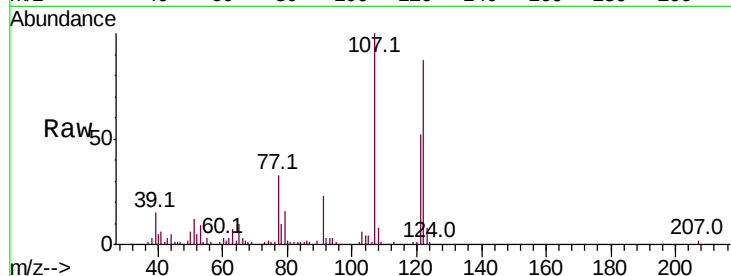
Tot Ion:107 Resp: 89757

Ion Ratio Lower Upper

107 100

121 51.9 40.2 60.4

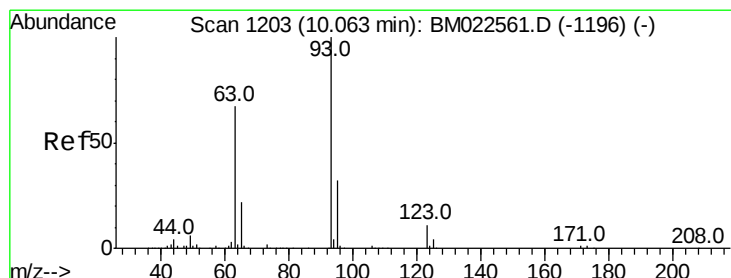
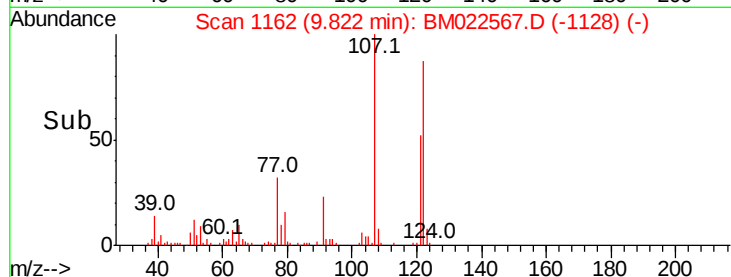
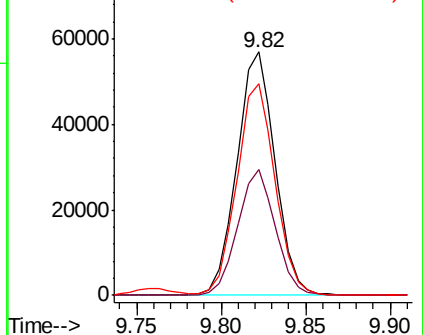
122 87.2 70.2 105.2



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: 3.902 ng/ul

RT: 10.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

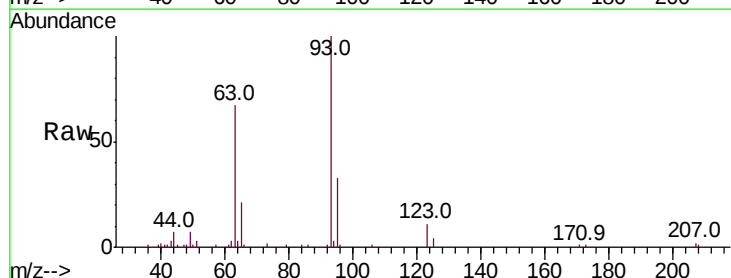
Tgt Ion: 93 Resp: 111309

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

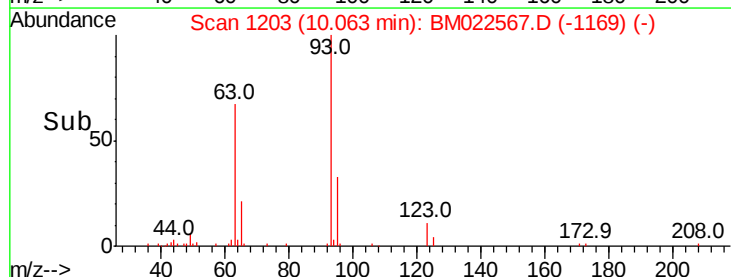
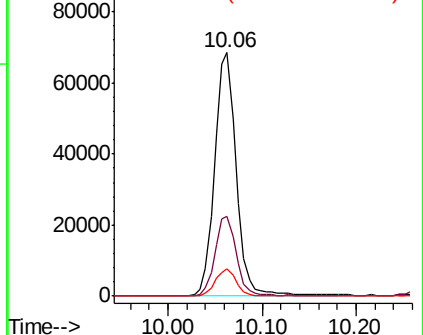
123 11.5 9.2 13.8

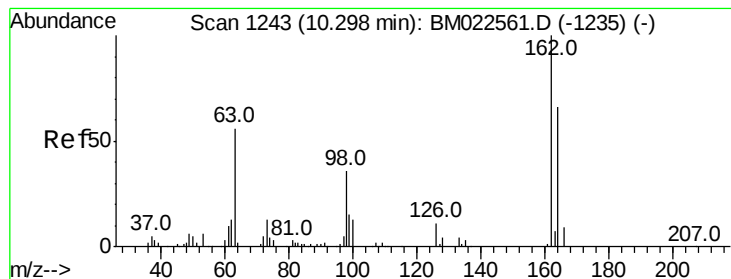


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 3.689 ng/ul

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

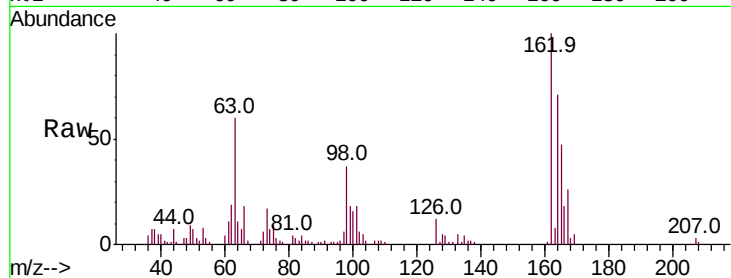
Tot Ion:162 Resp: 73989

Ion Ratio Lower Upper

162 100

164 70.7 52.1 78.1

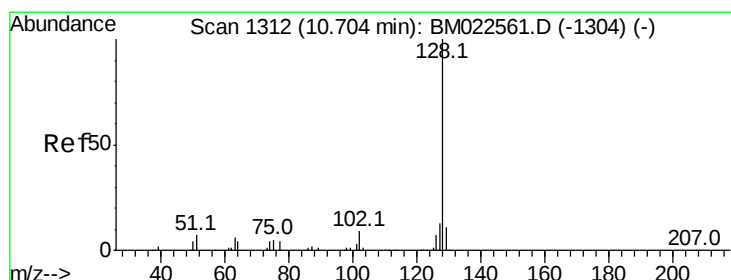
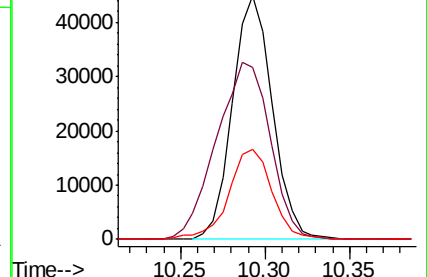
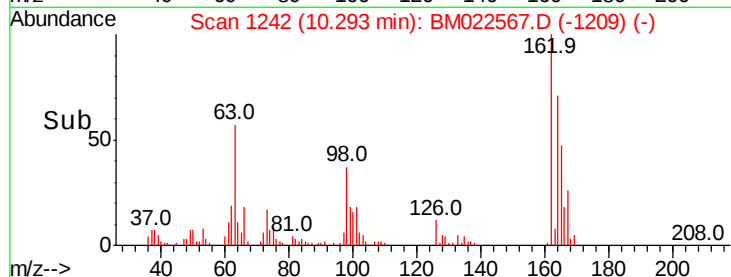
98 37.0 28.9 43.3



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): B



#28

Naphthalene

Concen: 4.004 ng/ul

RT: 10.70 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

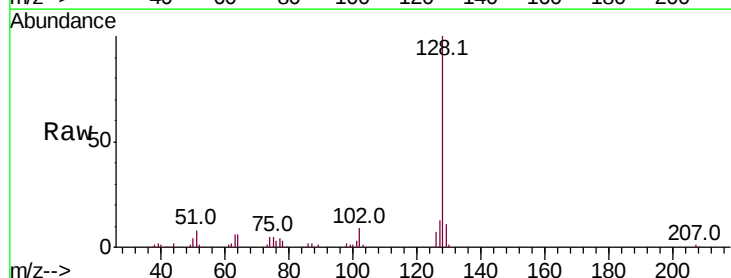
Tgt Ion:128 Resp: 267043

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

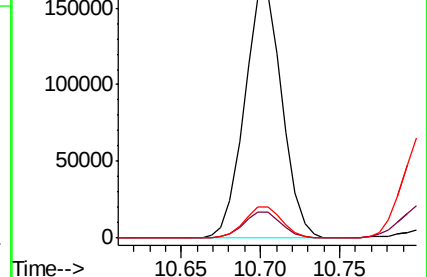
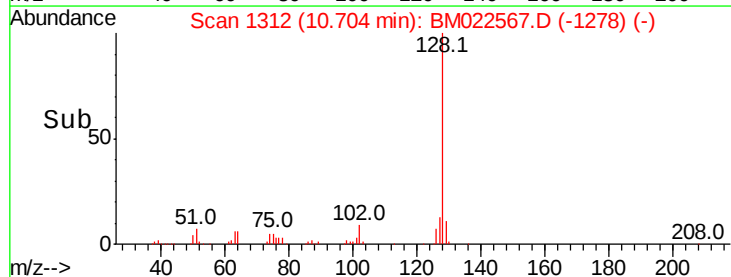
127 12.9 10.6 16.0

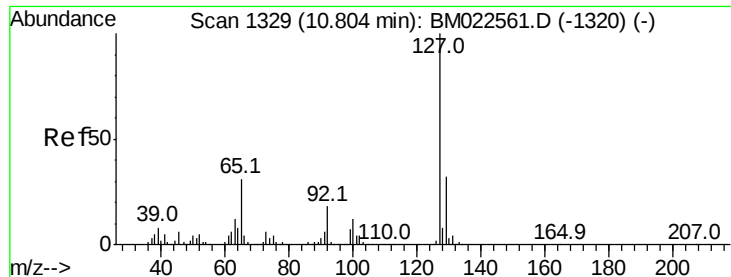


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

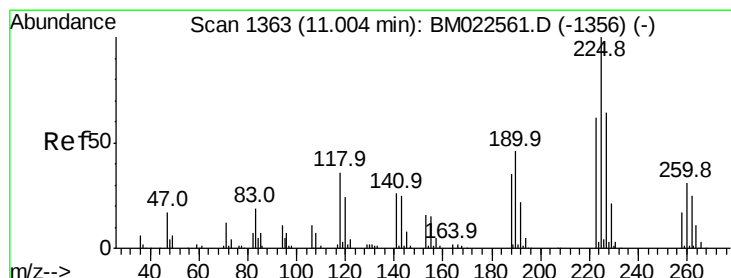
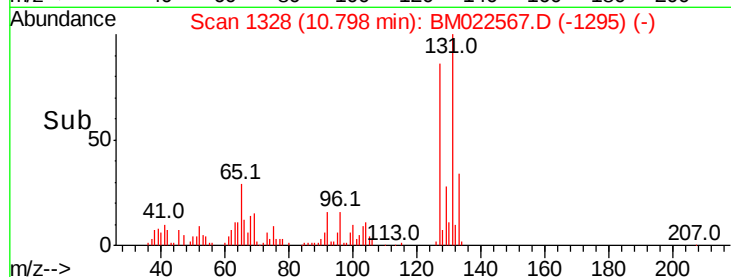
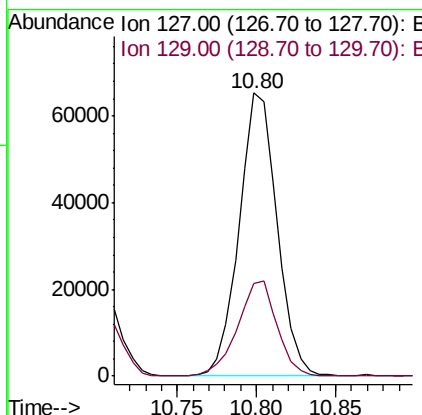
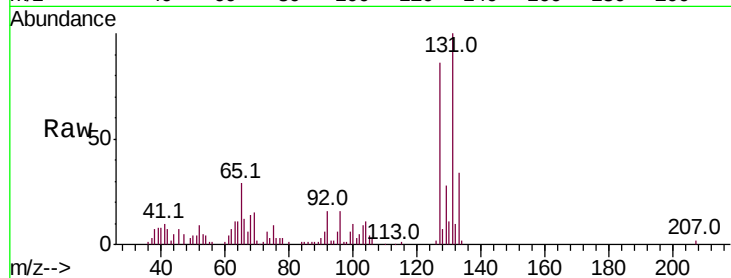




#30
4-Chloroaniline
Concen: 3.929 ng/ul
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

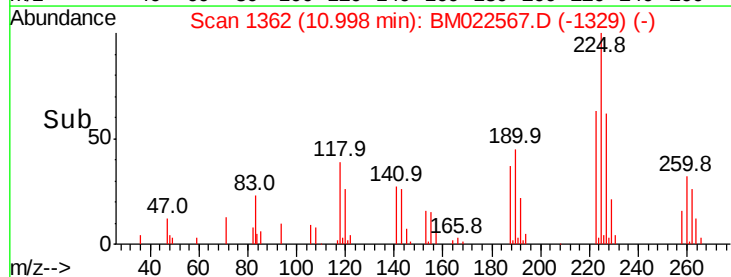
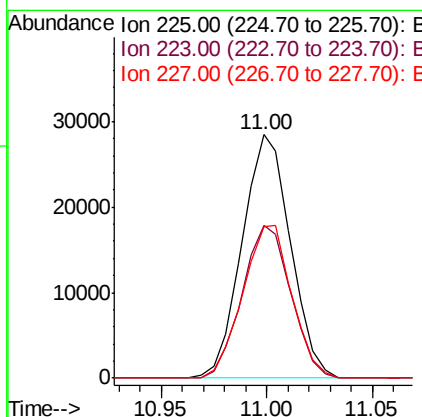
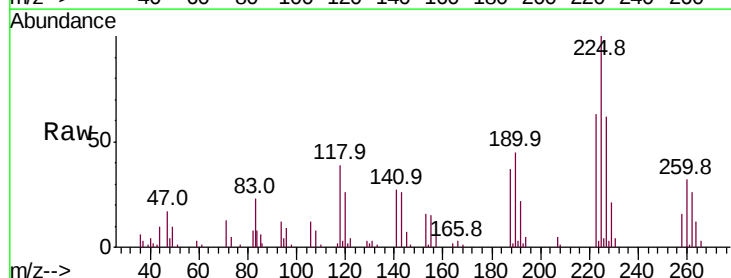
Instrument :
BNA_M
ClientSampleId :
MDL-S-05

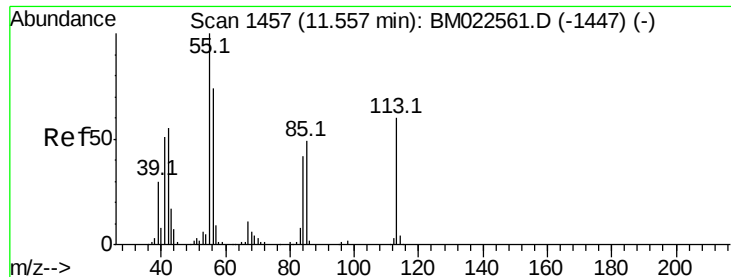
Tot Ion:127 Resp: 108322
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.2



#31
Hexachlorobutadiene
Concen: 3.654 ng/ul
RT: 11.00 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:225 Resp: 45148
Ion Ratio Lower Upper
225 100
223 62.9 50.1 75.1
227 62.4 51.8 77.8





#32

Caprolactam

Concen: 2.901 ng/ul

RT: 11.59 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

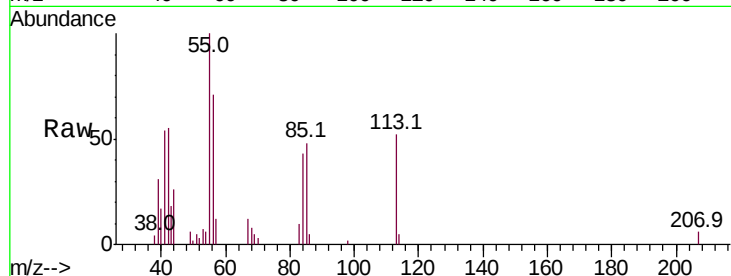
Tot Ion:113 Resp: 21661

Ion Ratio Lower Upper

113 100

55 190.7 135.6 203.4

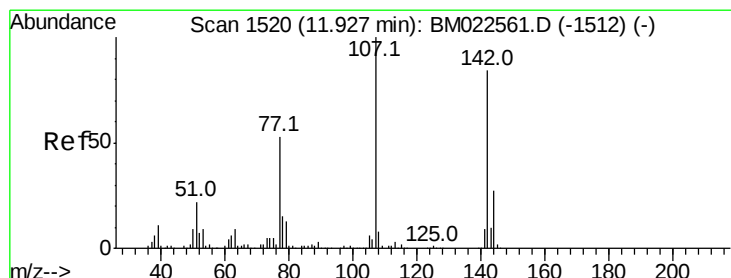
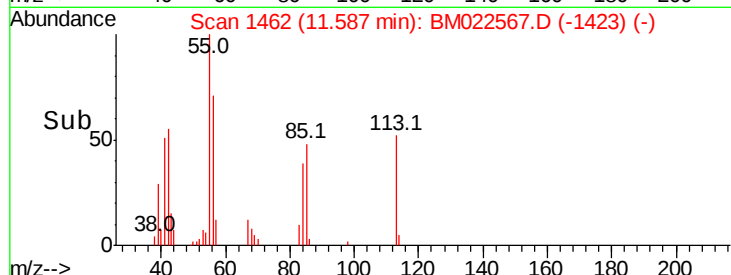
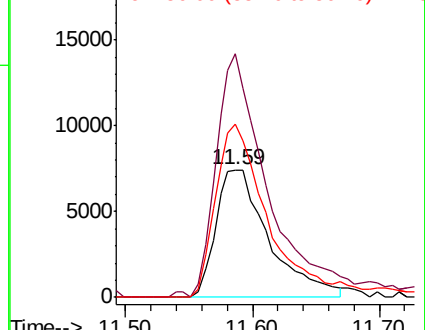
56 135.5 98.4 147.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.452 ng/ul

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

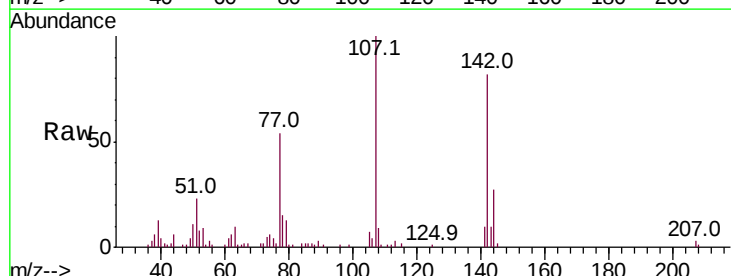
Tgt Ion:107 Resp: 76418

Ion Ratio Lower Upper

107 100

144 27.3 22.6 34.0

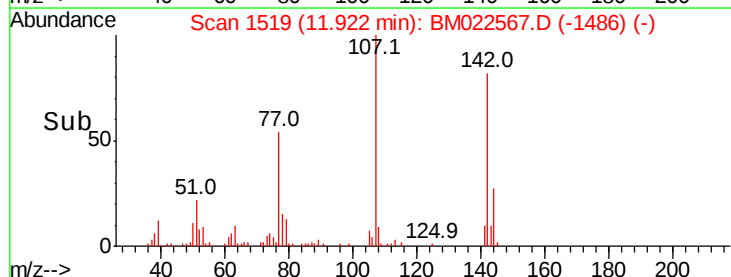
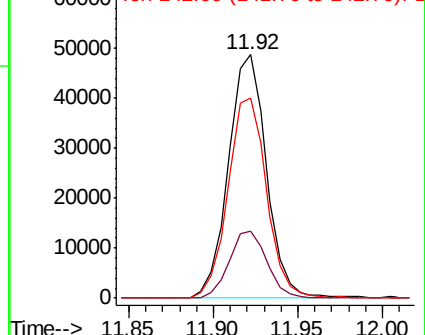
142 82.2 67.0 100.4

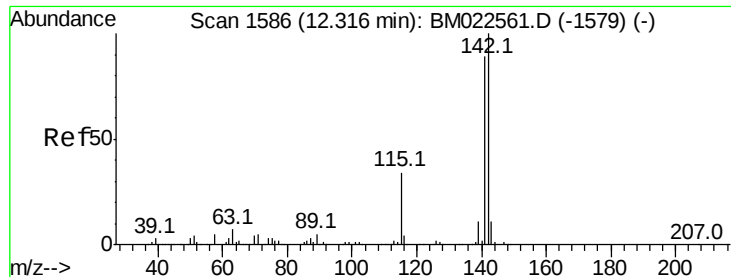


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

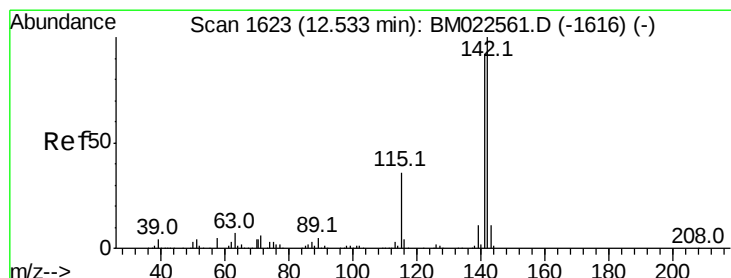
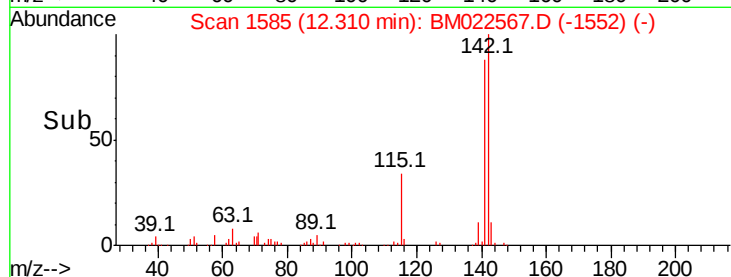
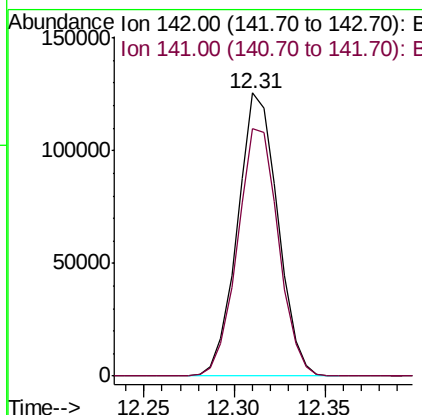
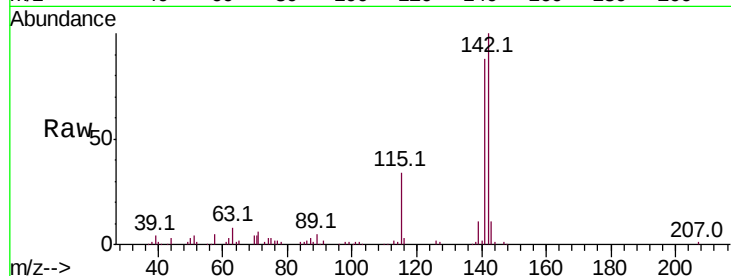




#34
2-Methylnaphthalene
Concen: 3.864 ng/ul
RT: 12.31 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

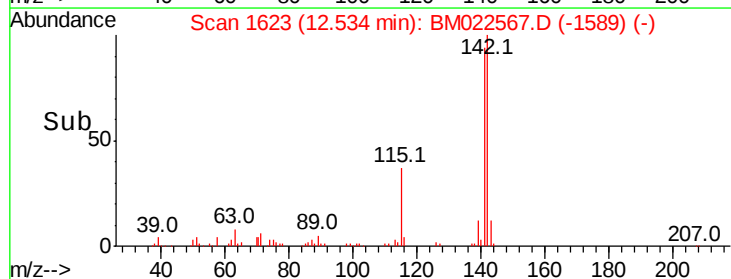
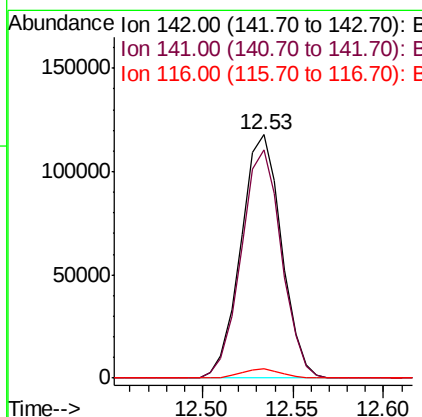
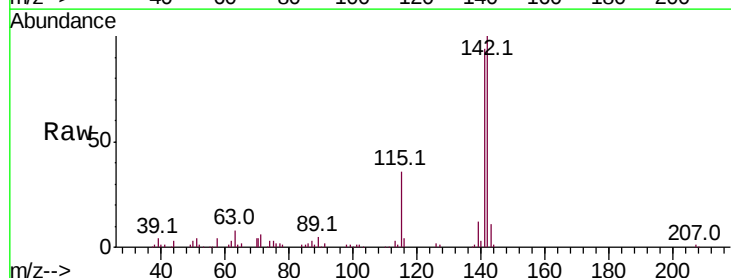
Instrument :
BNA_M
ClientSampleId :
MDL-S-05

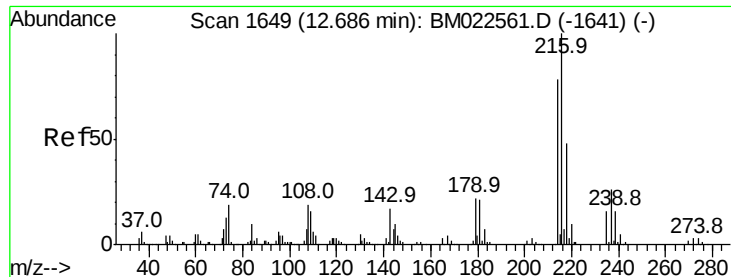
Tot Ion:142 Resp: 194123
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.4



#35
1-Methylnaphthalene
Concen: 3.833 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:142 Resp: 183977
Ion Ratio Lower Upper
142 100
141 93.9 72.6 108.8
116 3.7 3.0 4.4

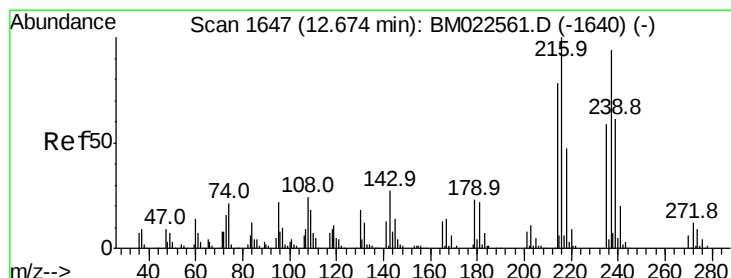
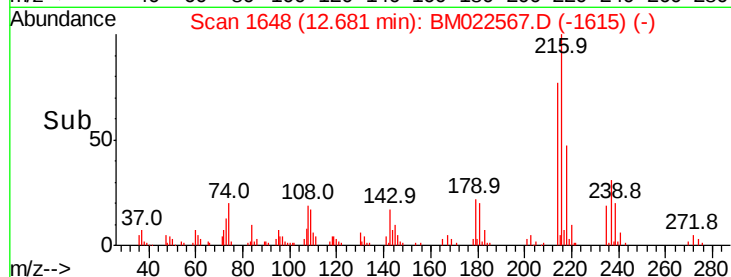
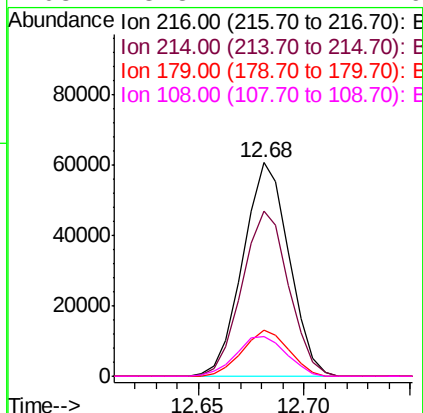
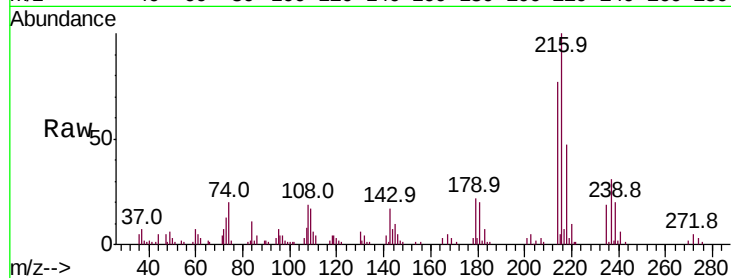




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.702 ng/ul
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

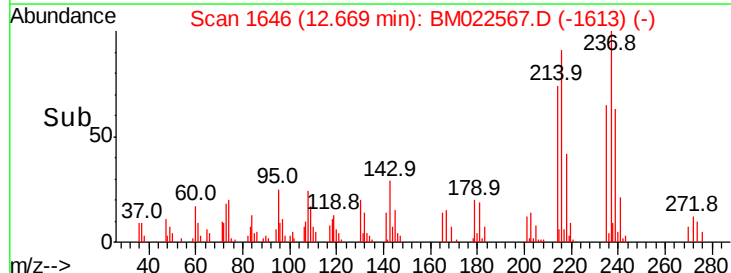
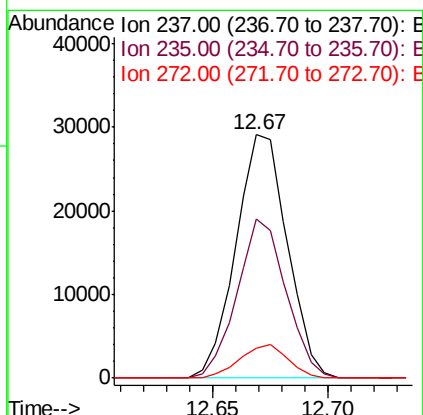
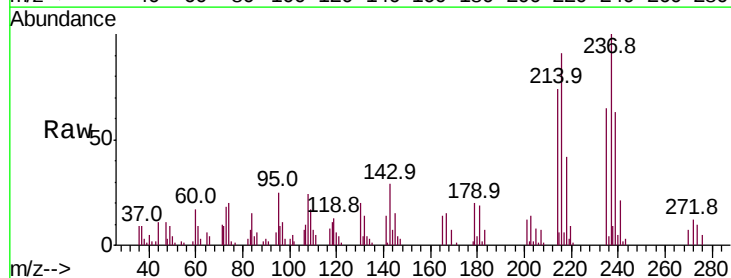
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

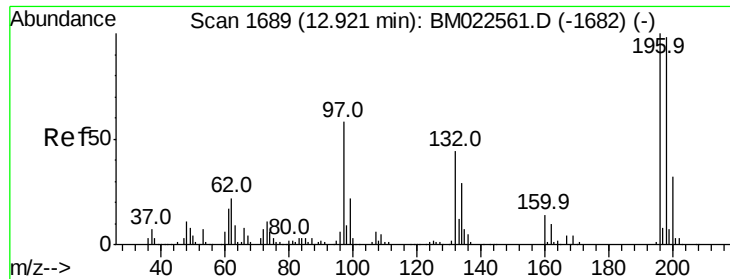
Tot Ion:	216	Resp:	91959
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.4	95.0
179	21.9	16.7	25.1
108	18.8	14.4	21.6



#38
 Hexachlorocyclopentadiene
 Concen: 2.945 ng/ul
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Tgt Ion:	237	Resp:	45096
Ion	Ratio	Lower	Upper
237	100		
235	65.3	50.1	75.1
272	12.2	10.2	15.4





#39

2,4,6-Trichlorophenol

Concen: 3.185 ng/ul

RT: 12.92 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

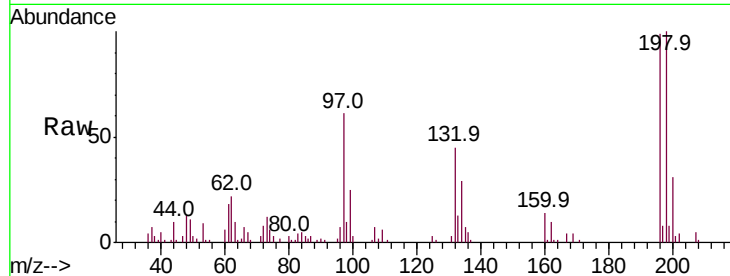
Tot Ion:196 Resp: 49524

Ion Ratio Lower Upper

196 100

198 100.6 77.7 116.5

200 31.6 24.6 37.0

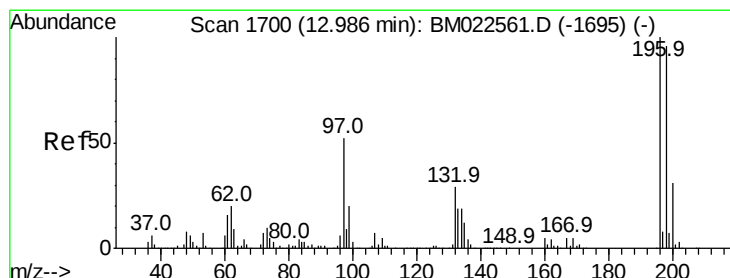
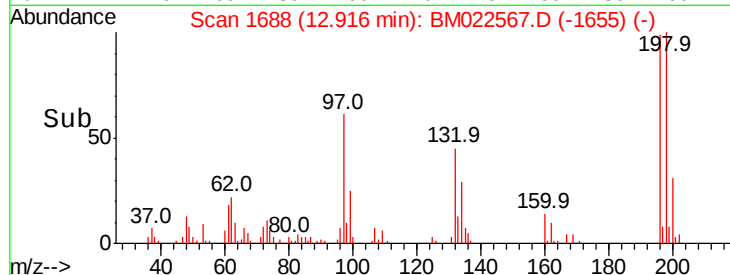
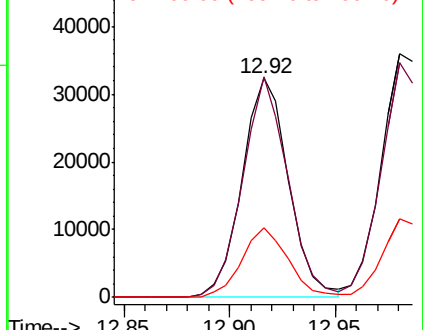


Abundance

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: 3.287 ng/ul

RT: 12.98 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

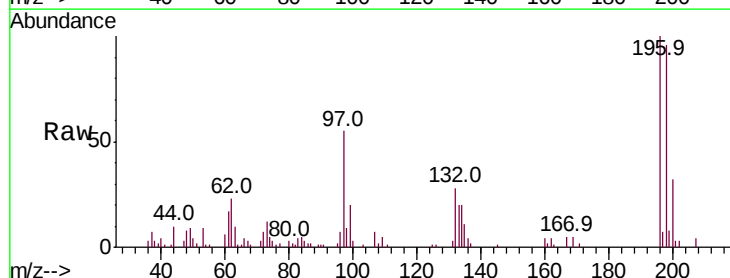
Tgt Ion:196 Resp: 55429

Ion Ratio Lower Upper

196 100

198 96.4 77.4 116.0

200 32.4 24.0 36.0

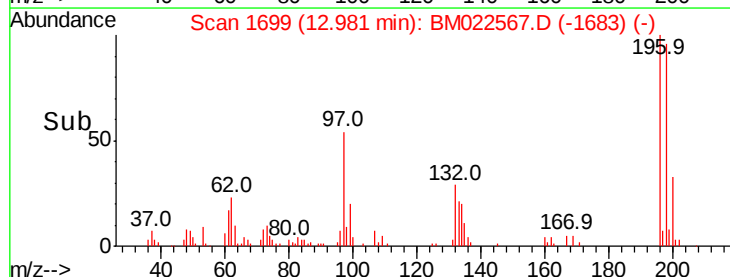
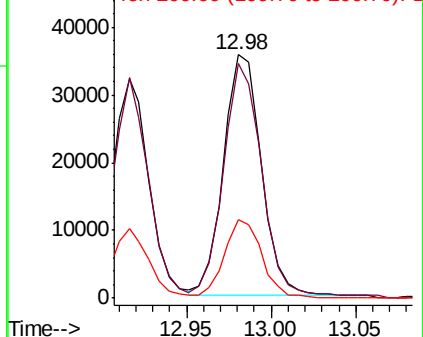


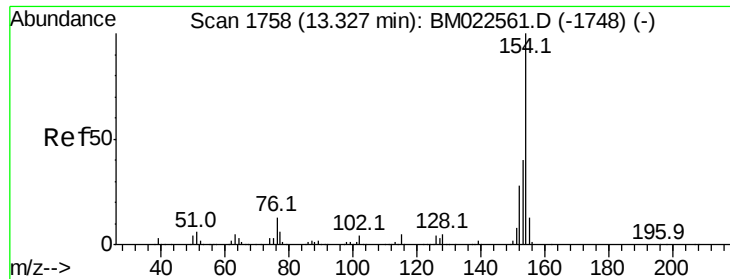
Abundance

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

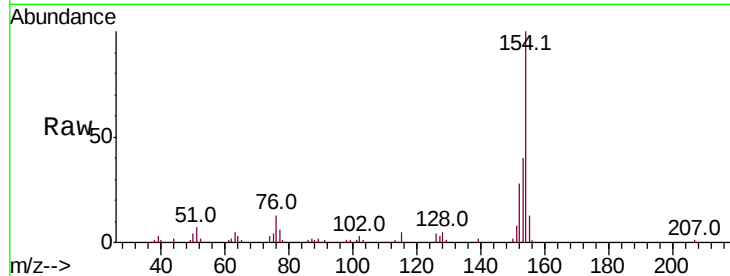




#41
 1,1'-Biphenyl
 Concen: 3.984 ng/ul
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.1	48.1
76	13.2	10.2	15.2

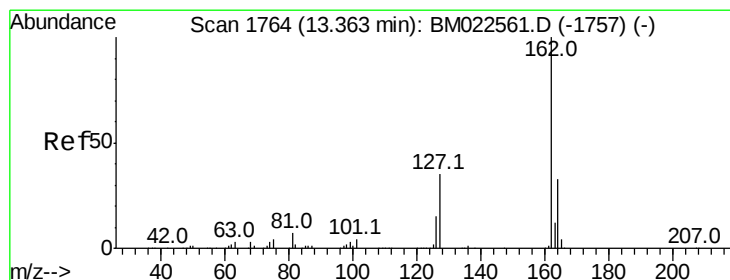
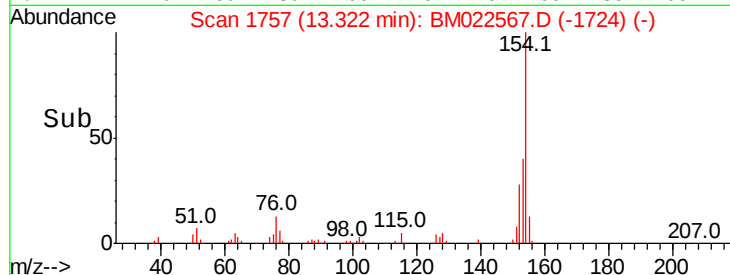
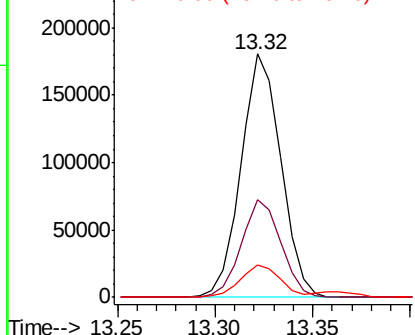


Abundance

Ion 154.00 (153.70 to 154.70): E

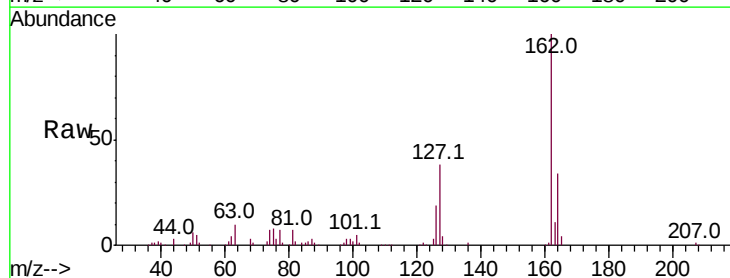
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42
 2-Chloronaphthalene
 Concen: 3.990 ng/ul
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.9	26.1	39.1
127	37.9	30.1	45.1

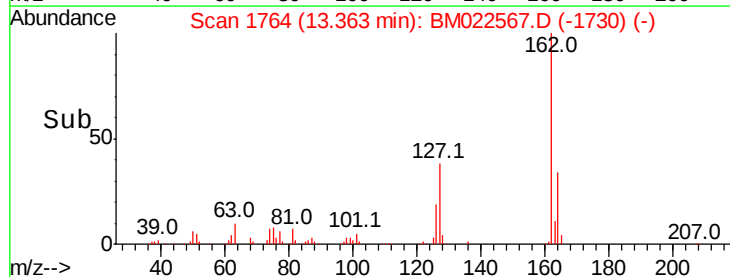
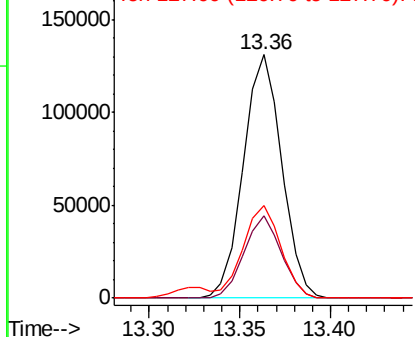


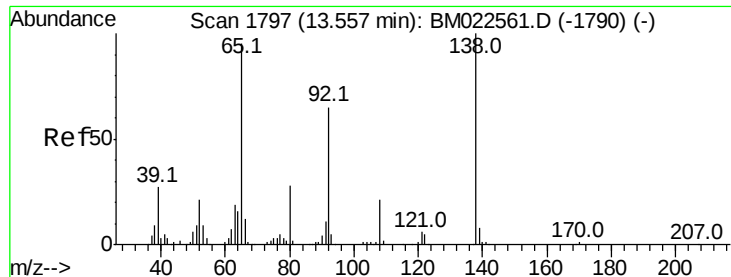
Abundance

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: 3.821 ng/ul

RT: 13.56 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

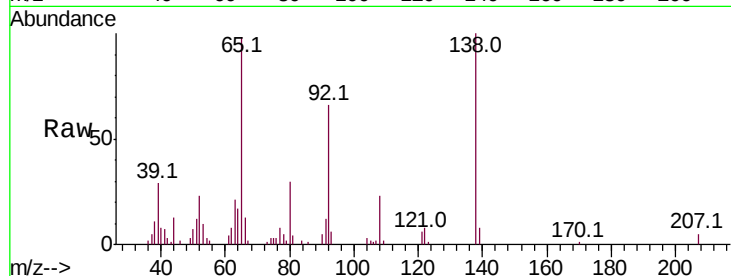
Tot Ion: 65 Resp: 43298

Ion Ratio Lower Upper

65 100

92 67.2 55.7 83.5

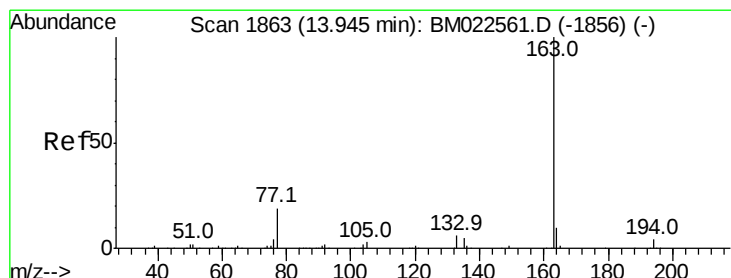
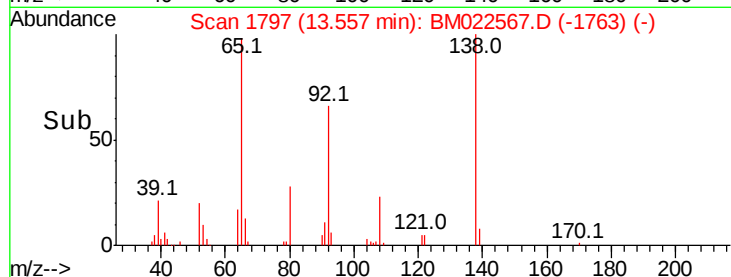
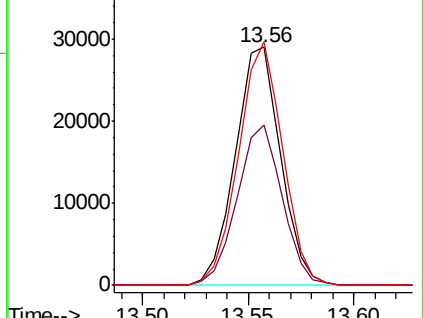
138 102.2 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BM022567.D (-1790) (-)

Ion 92.00 (91.70 to 92.70): BM022567.D (-1790) (-)

Ion 138.00 (137.70 to 138.70): BM022567.D (-1790) (-)



#45

Dimethylphthalate

Concen: 3.940 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

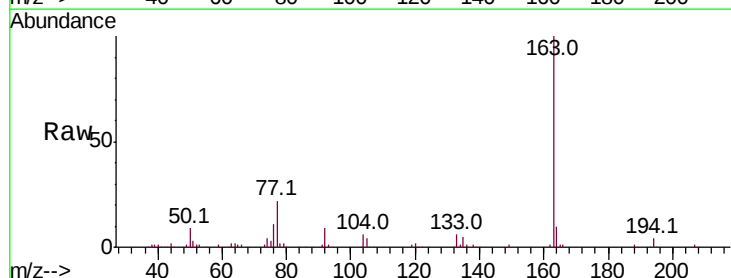
Tgt Ion:163 Resp: 249476

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

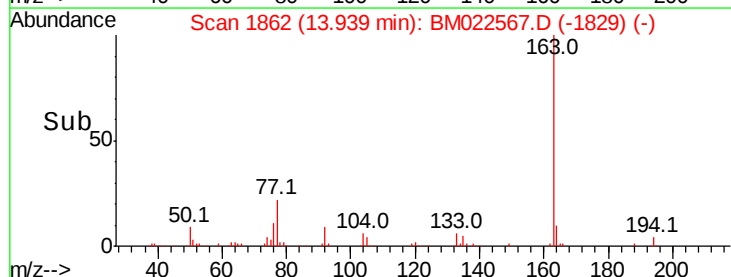
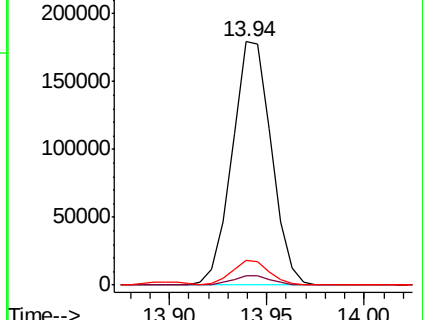
164 10.2 7.8 11.8

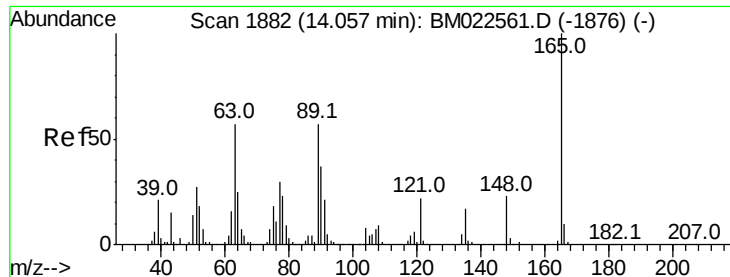


Abundance Ion 163.00 (162.70 to 163.70): BM022567.D (-1829) (-)

Ion 194.00 (193.70 to 194.70): BM022567.D (-1829) (-)

Ion 164.00 (163.70 to 164.70): BM022567.D (-1829) (-)

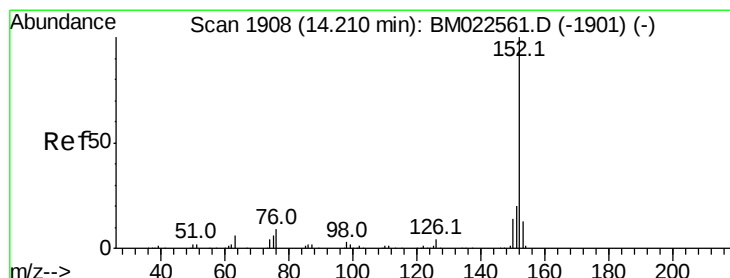
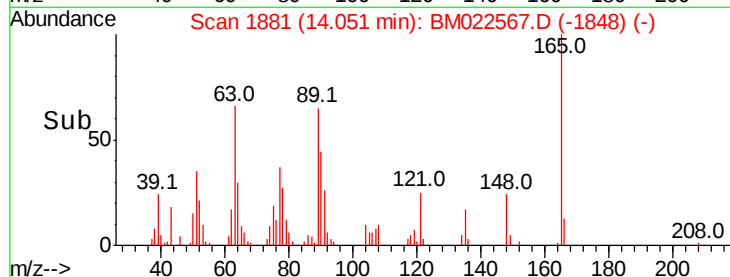
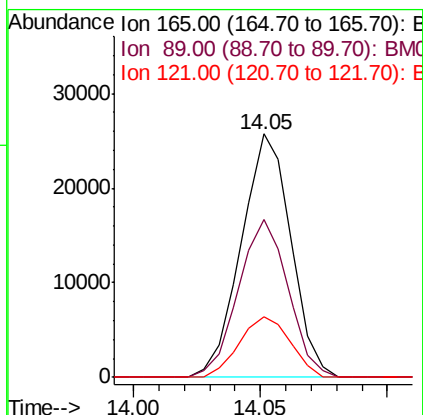
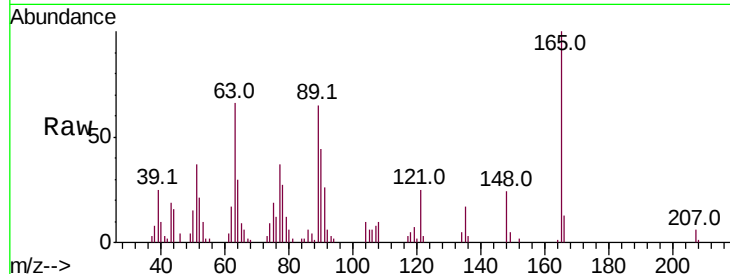




#46
 2,6-Dinitrotoluene
 Concen: 3.418 ng/ul
 RT: 14.05 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

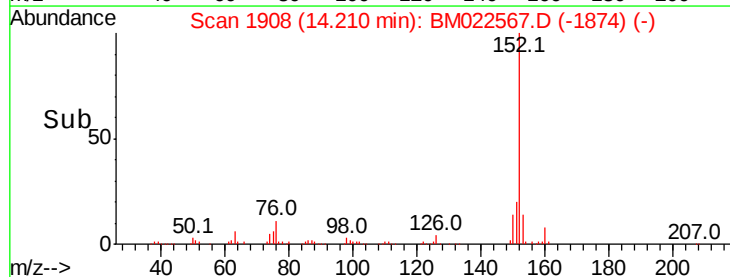
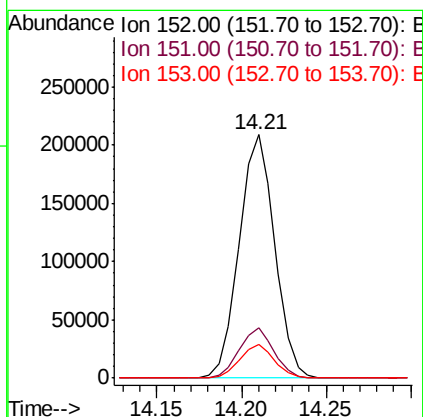
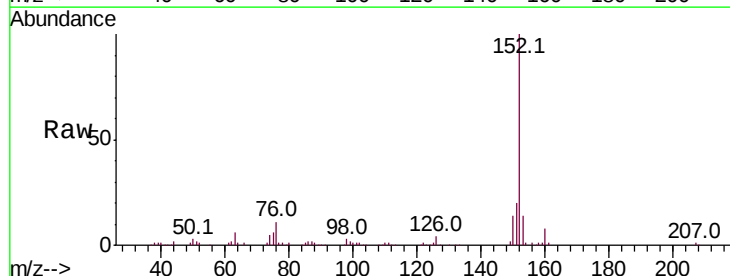
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

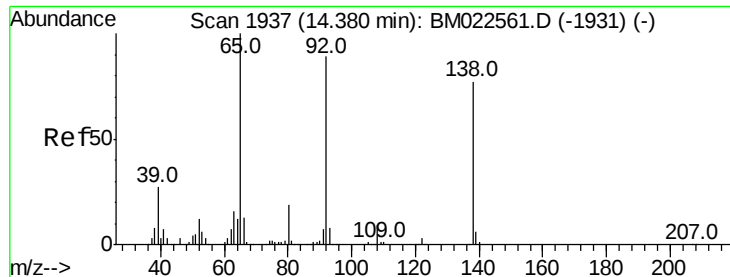
Tot Ion	Ratio	Lower	Upper
165	100		
89	64.8	47.7	71.5
121	25.0	18.4	27.6



#48
 Acenaphthylene
 Concen: 3.938 ng/ul
 RT: 14.21 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.6	10.4	15.6





#49

3-Nitroaniline

Concen: 3.134 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

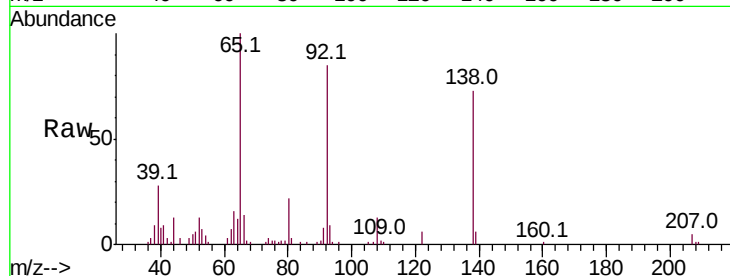
Tot Ion:138 Resp: 35036

Ion Ratio Lower Upper

138 100

108 17.7 13.5 20.3

92 116.7 93.7 140.5

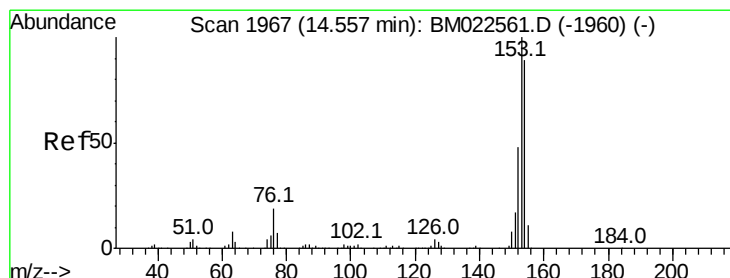
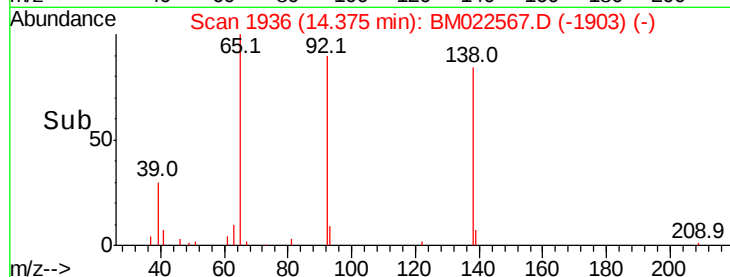
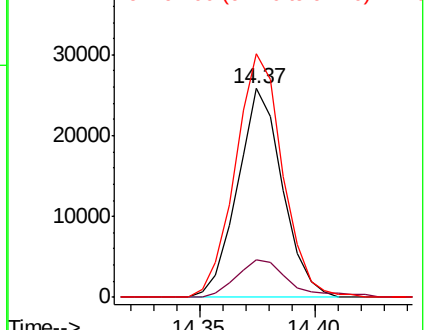


Abundance

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: 3.908 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

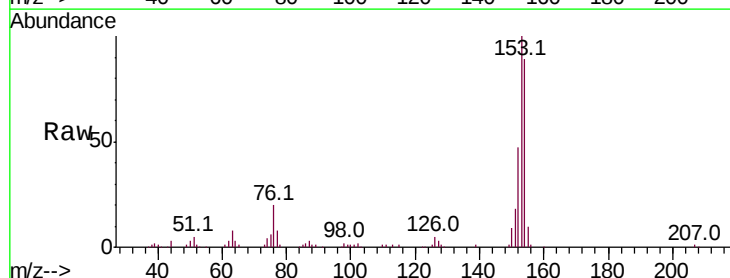
Tgt Ion:153 Resp: 209811

Ion Ratio Lower Upper

153 100

152 47.3 37.5 56.3

154 88.9 71.4 107.0

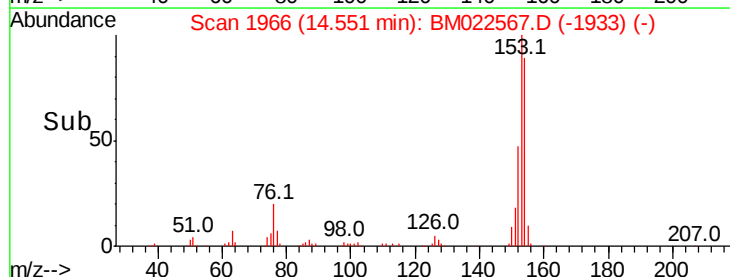
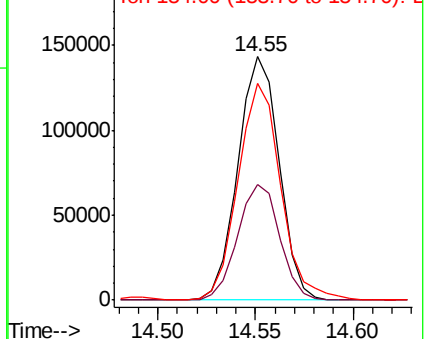


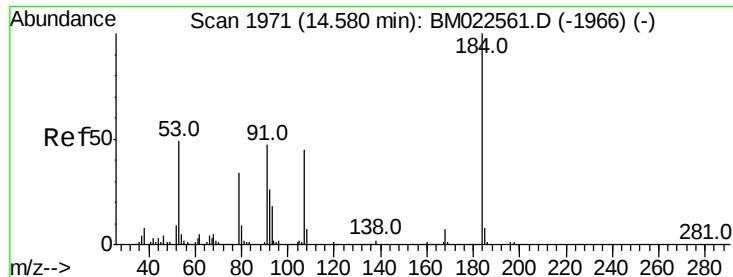
Abundance

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: 2.711 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

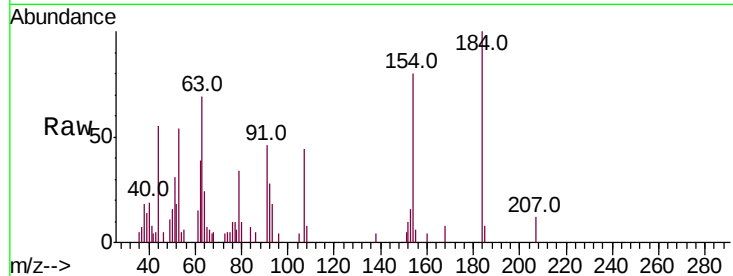
Tot Ion:184 Resp: 12822

Ion Ratio Lower Upper

184 100

63 69.1 51.5 77.3

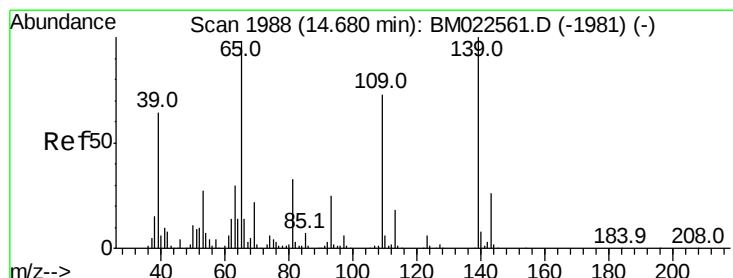
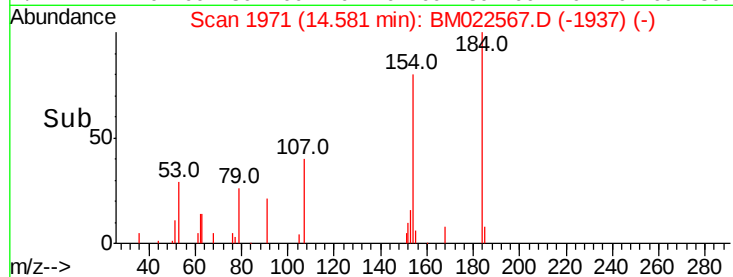
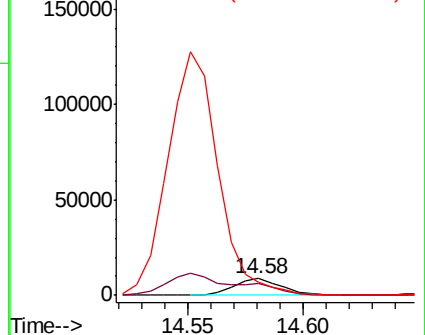
154 79.7 81.9 122.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 4.089 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

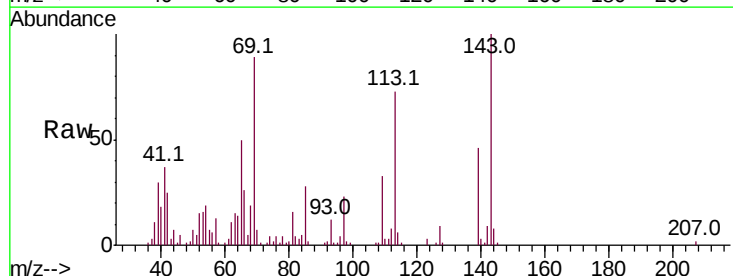
Tgt Ion:109 Resp: 35004

Ion Ratio Lower Upper

109 100

139 137.8 107.6 161.4

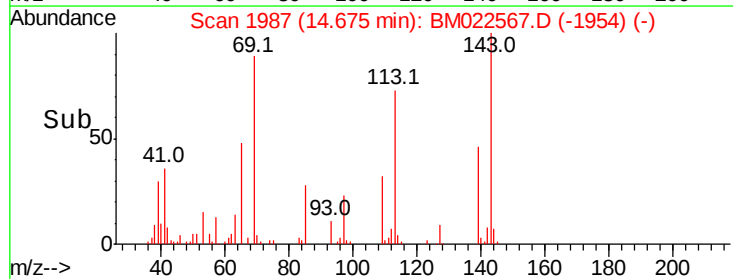
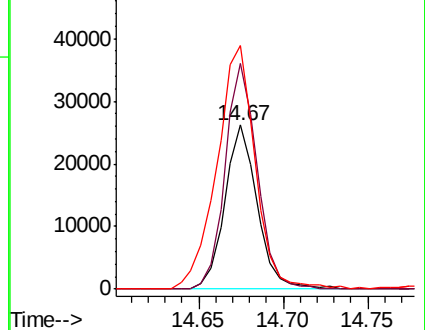
65 148.8 101.9 152.9

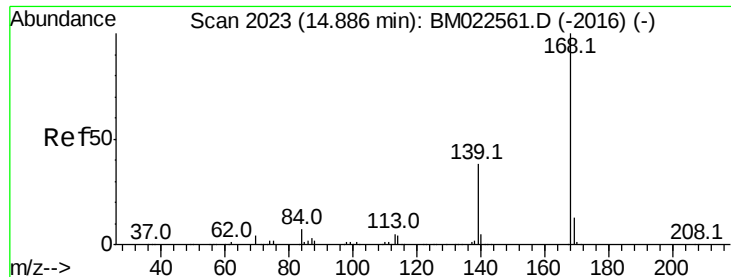


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzenofuran

Concen: 4.012 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

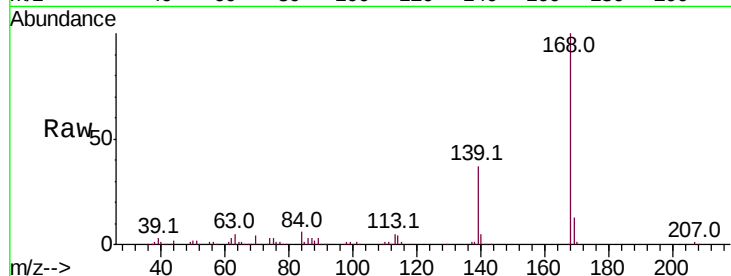
MDL-S-05

Tot Ion:168 Resp: 298934

Ion Ratio Lower Upper

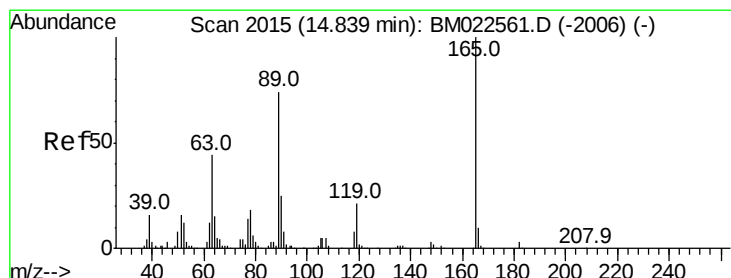
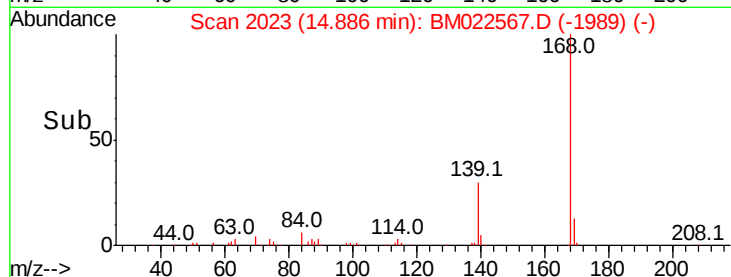
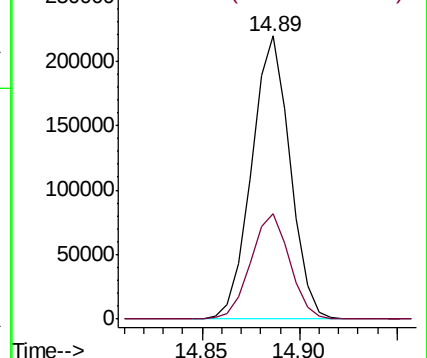
168 100

139 37.1 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: 3.685 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

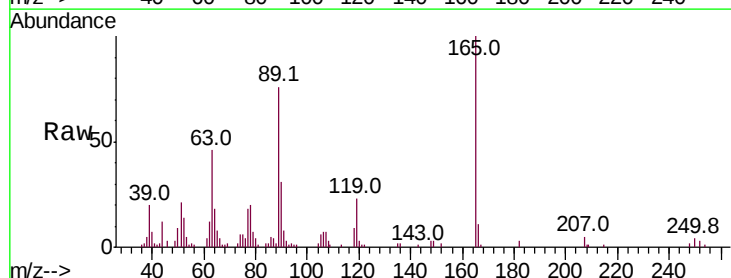
Tgt Ion:165 Resp: 55645

Ion Ratio Lower Upper

165 100

63 45.7 35.7 53.5

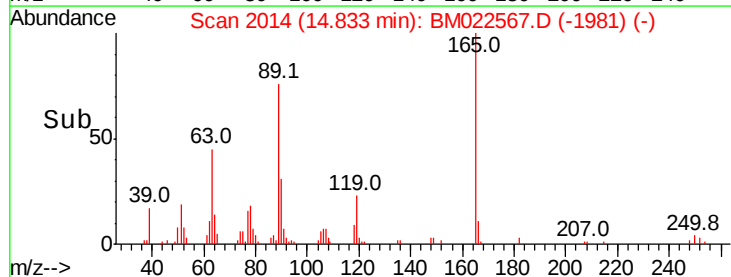
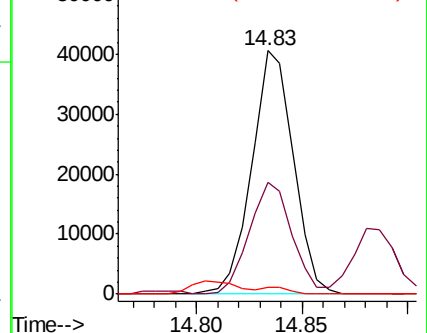
182 2.7 2.2 3.2

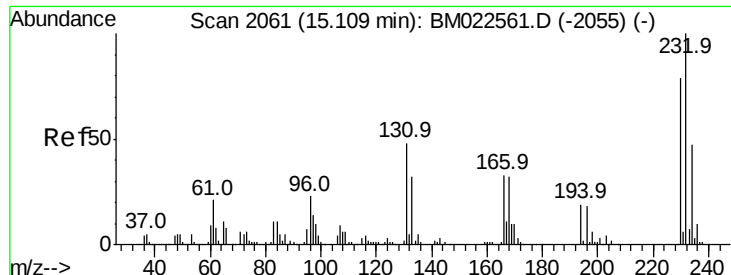


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

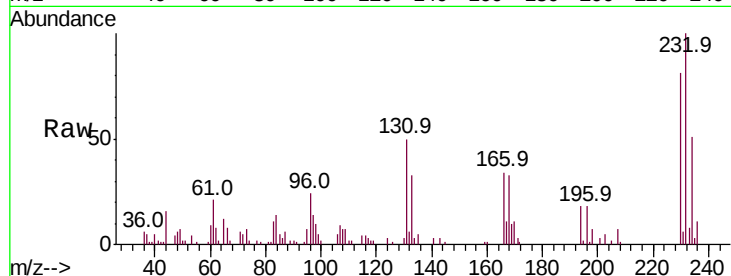




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.038 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Instrument :
 BNA_M
 ClientSampled :
 MDL-S-05

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.2	36.9	55.3
130	3.1	2.0	3.0
166	33.9	25.2	37.8



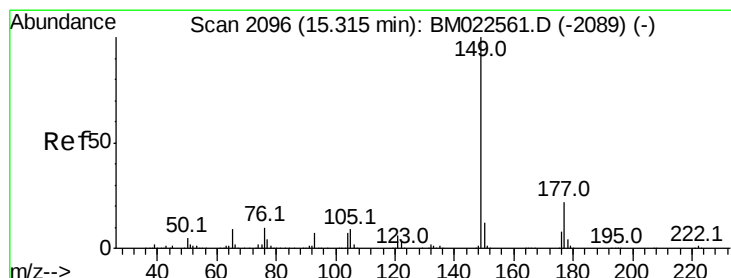
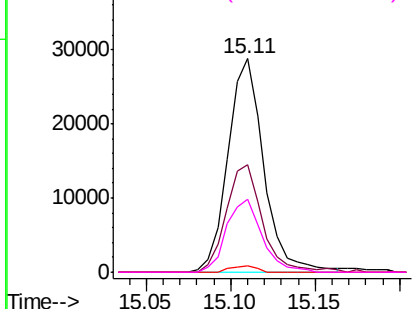
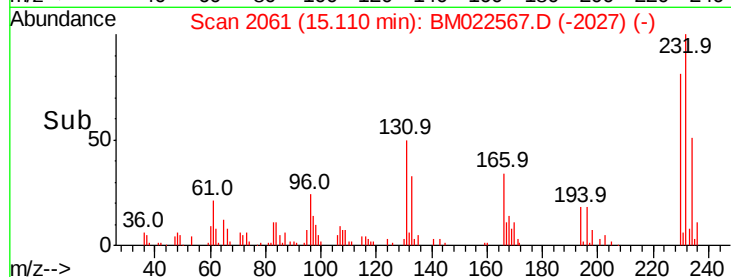
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

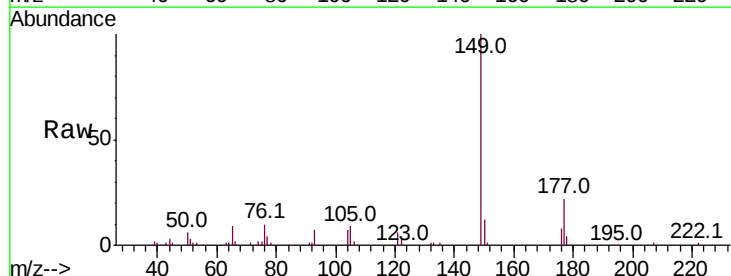
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.736 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

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

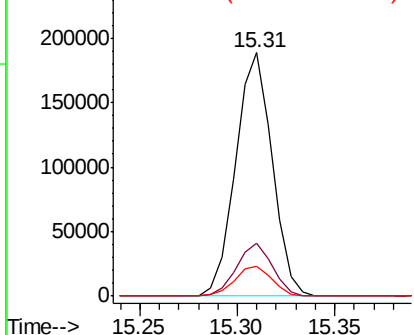
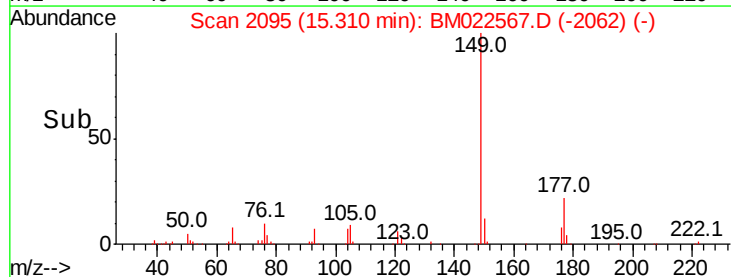


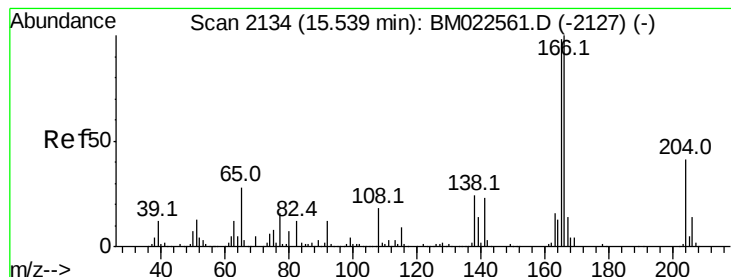
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.020 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampled :

MDL-S-05

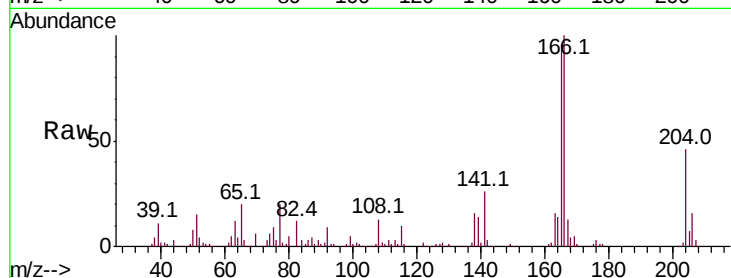
Tot Ion:166 Resp: 246437

Ion Ratio Lower Upper

166 100

165 95.8 77.8 116.8

167 13.4 10.9 16.3

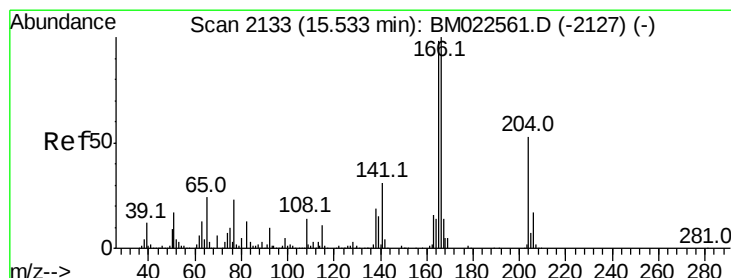
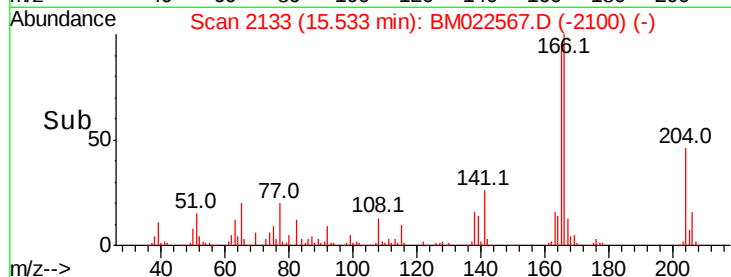
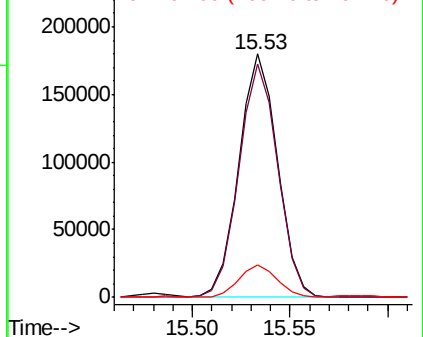


Abundance

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: 3.842 ng/ul

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

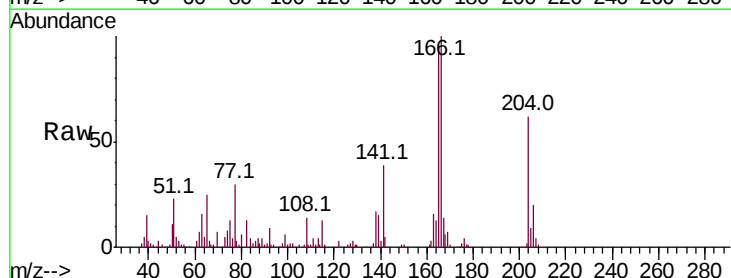
Tgt Ion:204 Resp: 116554

Ion Ratio Lower Upper

204 100

206 32.5 26.0 39.0

141 62.6 45.4 68.2

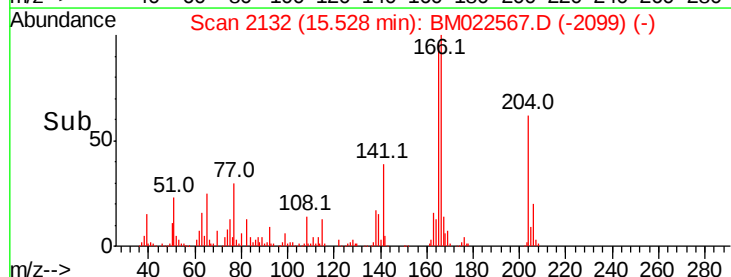
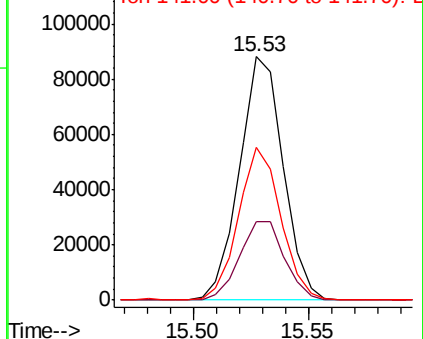


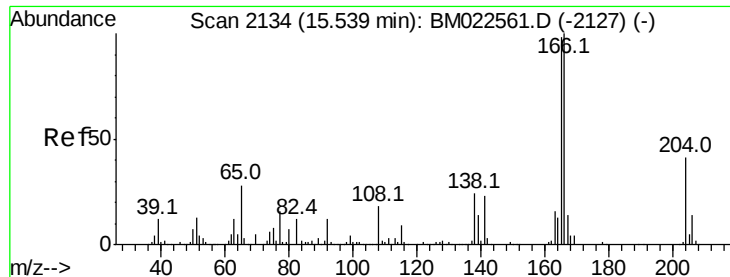
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

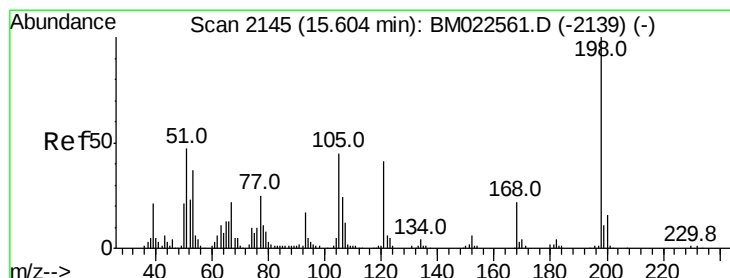
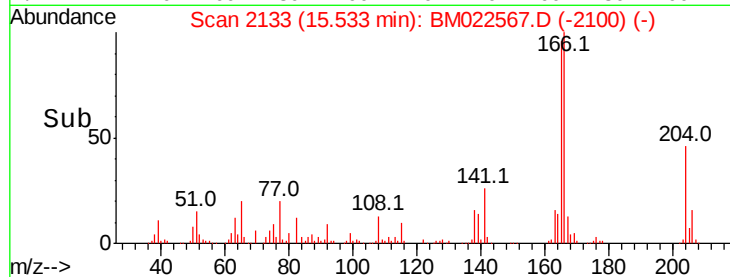
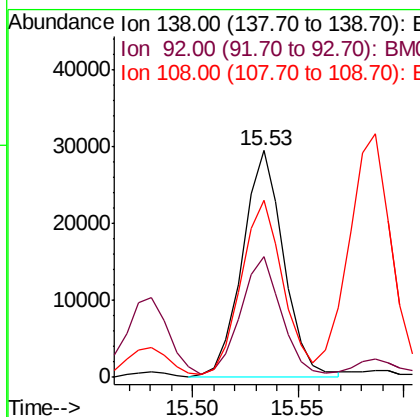
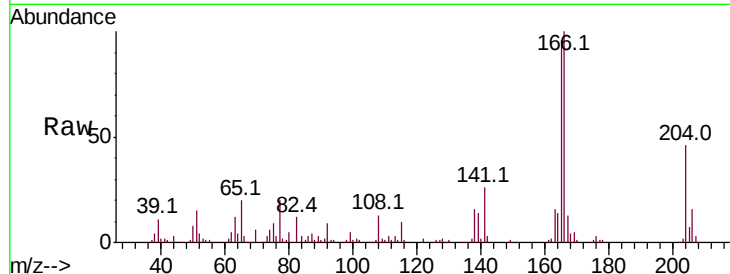




#61
 4-Nitroaniline
 Concen: 3.144 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

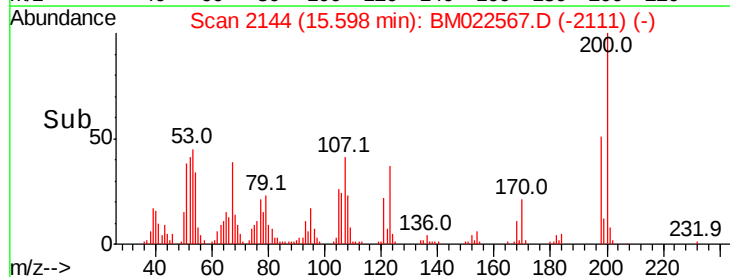
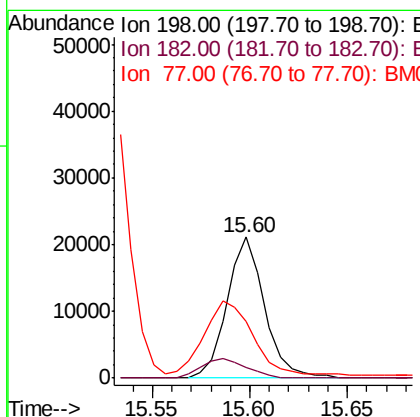
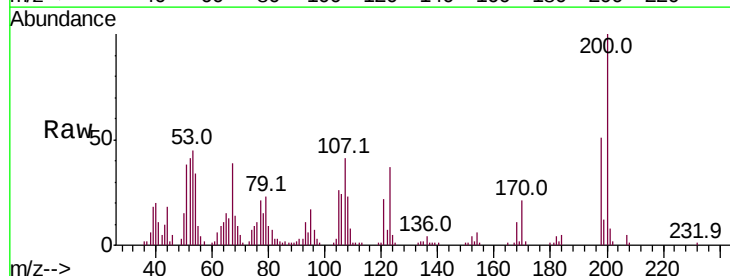
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

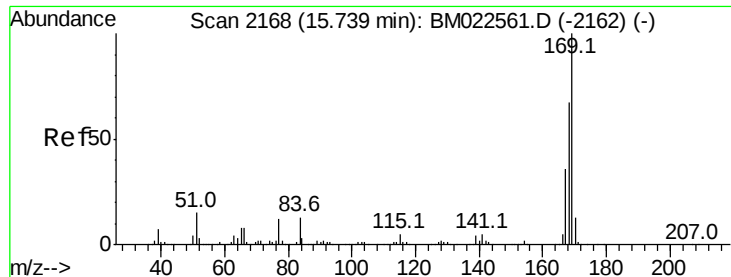
Tot Ion:138 Resp: 40053
 Ion Ratio Lower Upper
 138 100
 92 53.2 40.3 60.5
 108 78.0 62.2 93.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.355 ng/ul
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Tgt Ion:198 Resp: 28060
 Ion Ratio Lower Upper
 198 100
 182 7.9 3.4 5.0#
 77 40.1 19.7 29.5#

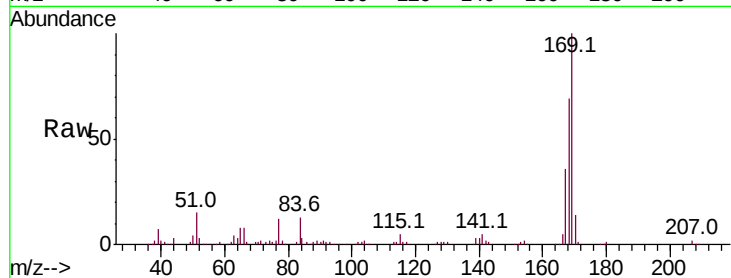




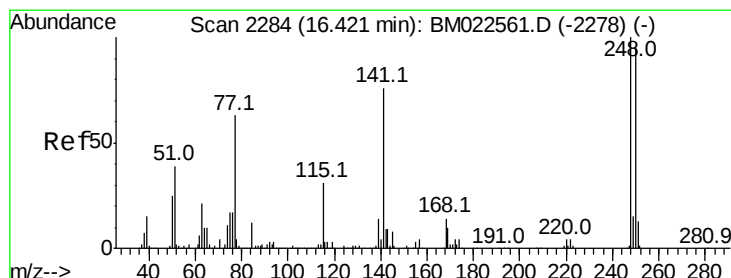
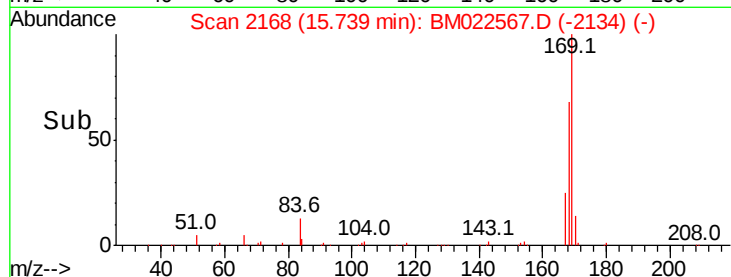
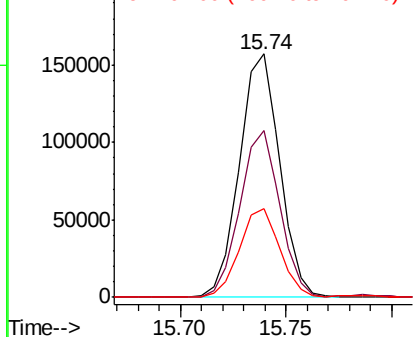
#65
N-Nitrosodiphenylamine
Concen: 3.832 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Tot Ion:169 Resp: 207934
Ion Ratio Lower Upper
169 100
168 68.6 53.5 80.3
167 36.3 29.5 44.3

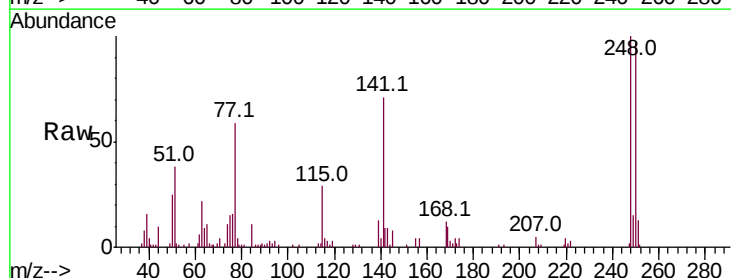


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

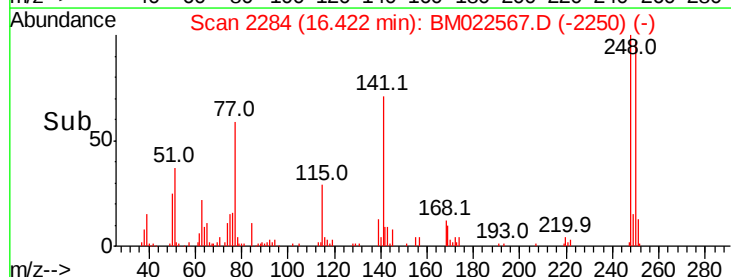
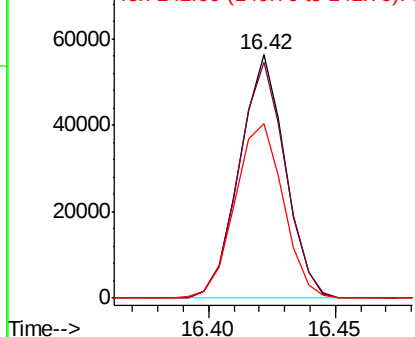


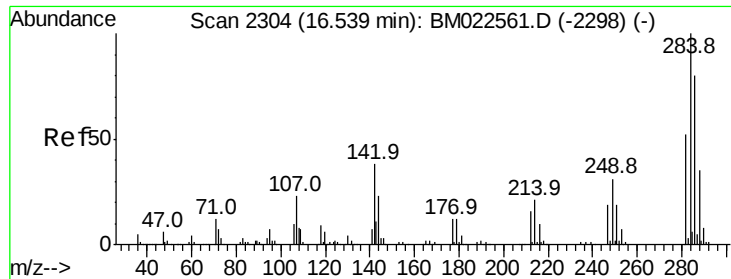
#66
4-Bromophenyl-phenylether
Concen: 3.535 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:248 Resp: 70237
Ion Ratio Lower Upper
248 100
250 96.7 76.3 114.5
141 71.4 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: 3.718 ng/ul

RT: 16.54 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

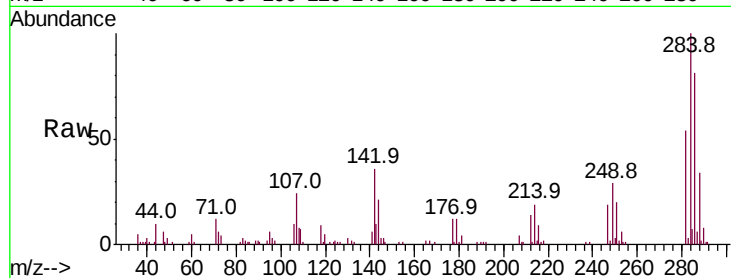
Tot Ion:284 Resp: 81412

Ion Ratio Lower Upper

284 100

142 36.3 29.3 43.9

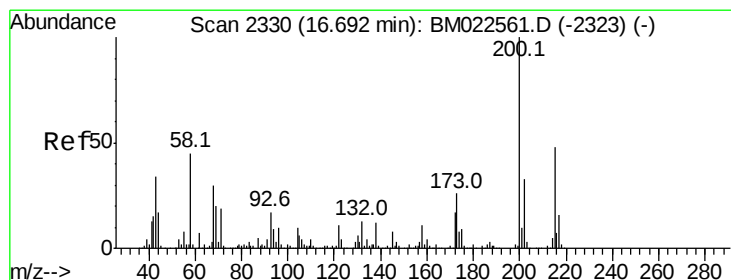
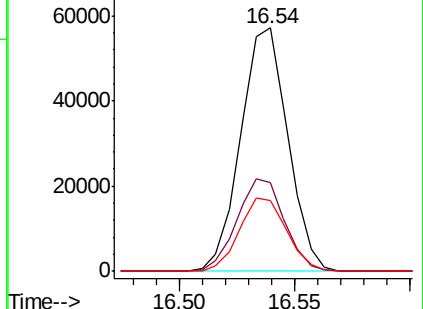
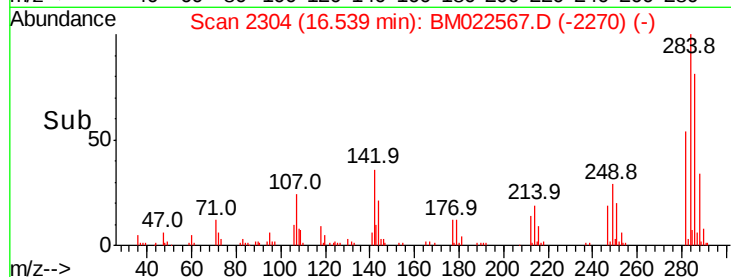
249 29.1 24.7 37.1



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: 3.134 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

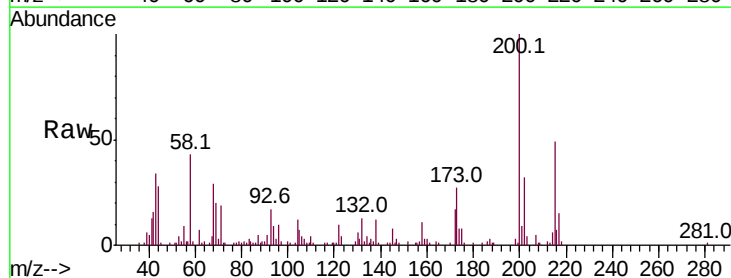
Tgt Ion:200 Resp: 65368

Ion Ratio Lower Upper

200 100

173 27.0 21.6 32.4

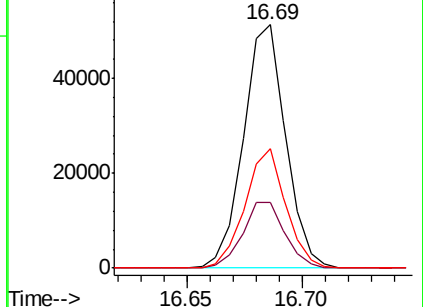
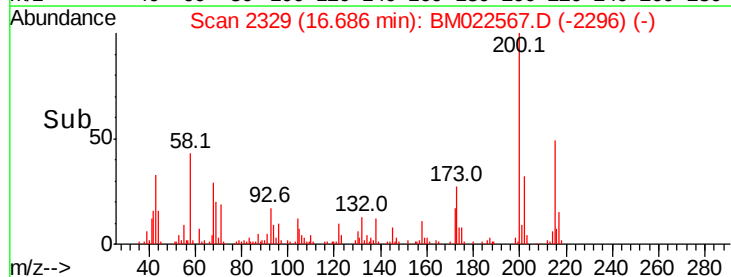
215 49.1 39.0 58.4

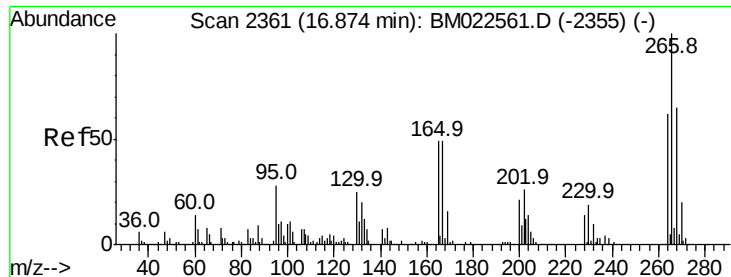


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

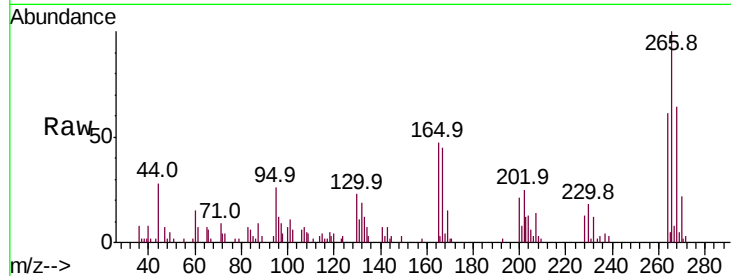




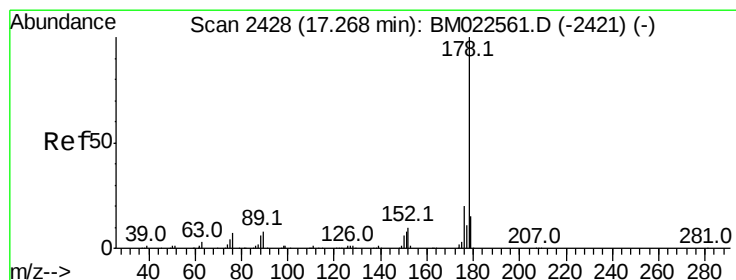
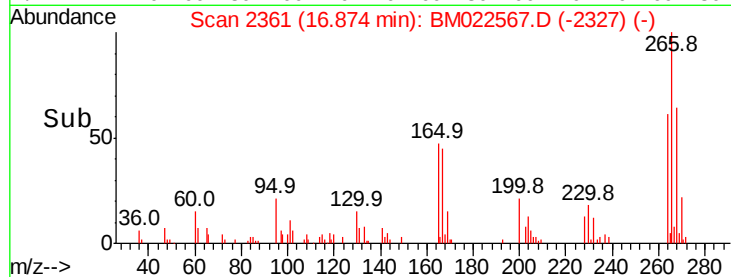
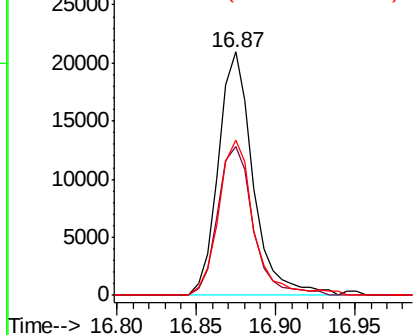
#69
 Pentachlorophenol
 Concen: 2.647 ng/ul
 RT: 16.87 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Tot Ion:266 Resp: 31972
 Ion Ratio Lower Upper
 266 100
 264 61.1 50.8 76.2
 268 63.8 50.9 76.3

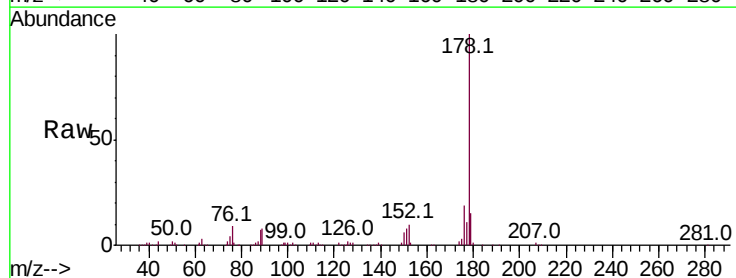


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

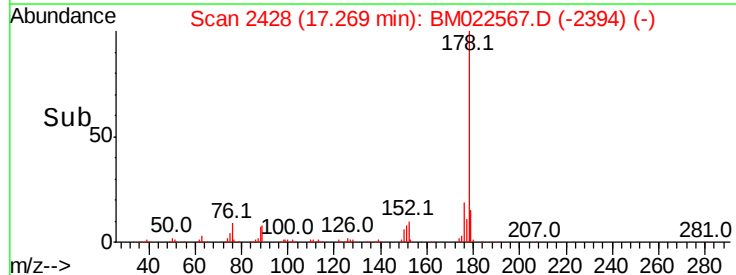
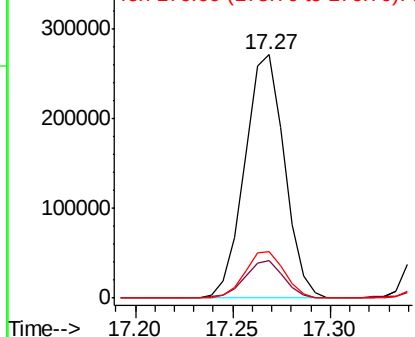


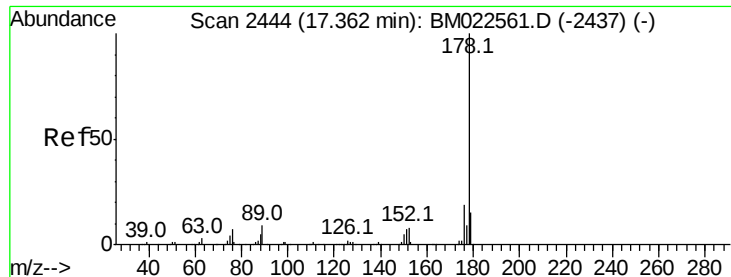
#70
 Phenanthrene
 Concen: 3.924 ng/ul
 RT: 17.27 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM022567.D
 Acq: 07 Sep 2019 00:15

Tgt Ion:178 Resp: 382069
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.0 18.0
 176 18.9 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.918 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

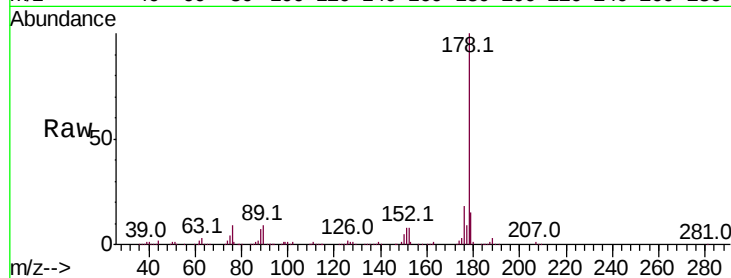
Tot Ion:178 Resp: 391840

Ion Ratio Lower Upper

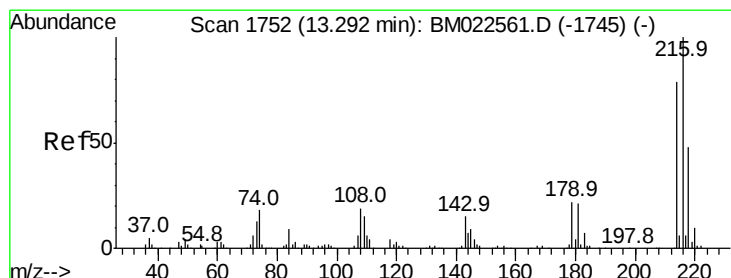
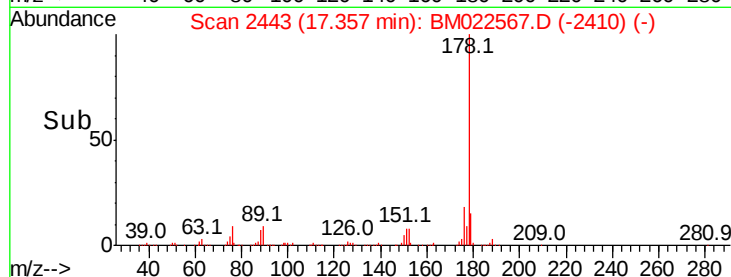
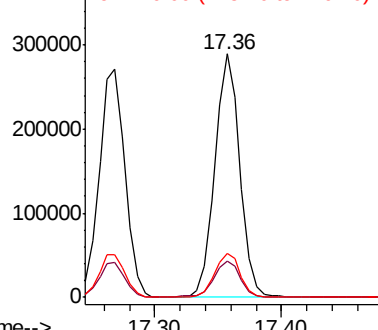
178 100

179 15.1 12.3 18.5

176 18.3 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: 3.698 ng/uL

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

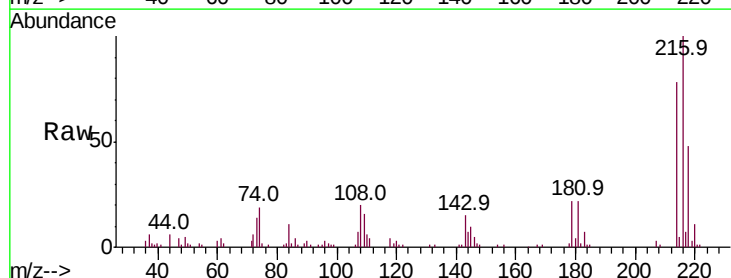
Tgt Ion:216 Resp: 91547

Ion Ratio Lower Upper

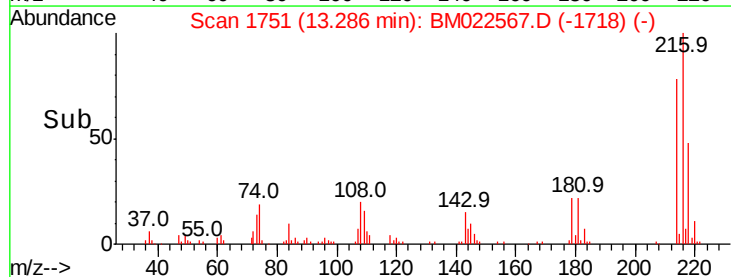
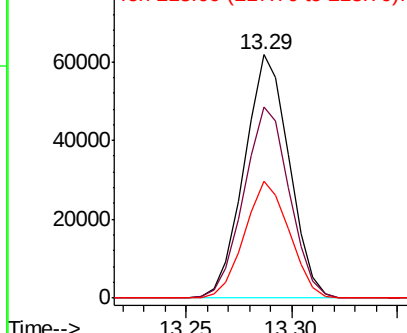
216 100

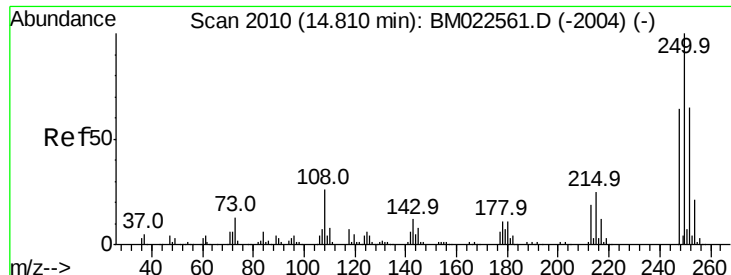
214 78.3 62.5 93.7

218 47.8 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: 3.726 ng/uL

RT: 14.81 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

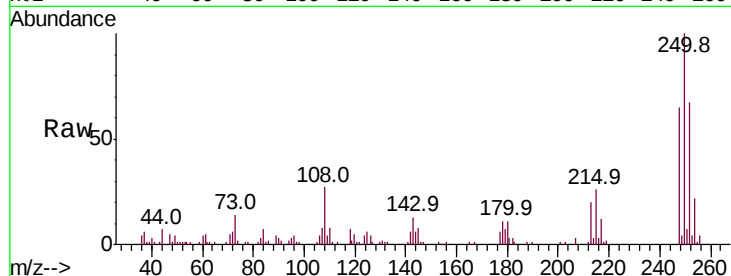
Tot Ion:250 Resp: 92978

Ion Ratio Lower Upper

250 100

248 65.4 51.3 76.9

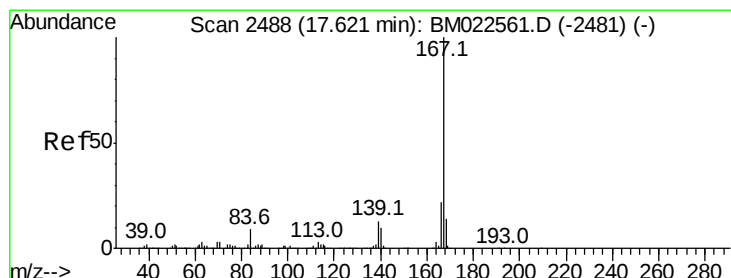
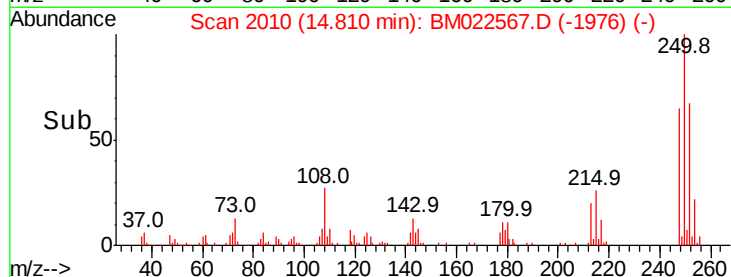
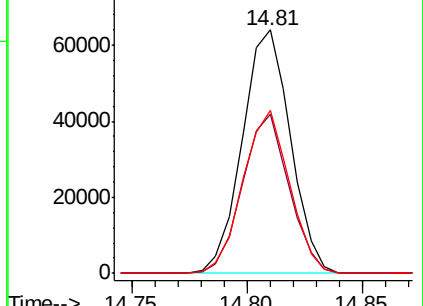
252 66.7 51.1 76.7



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: 3.875 ng/uL

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

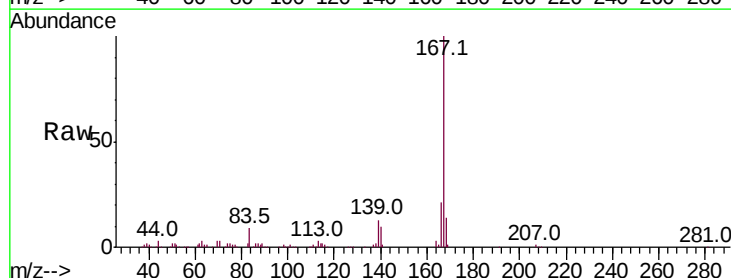
Tgt Ion:167 Resp: 348280

Ion Ratio Lower Upper

167 100

166 20.7 17.4 26.0

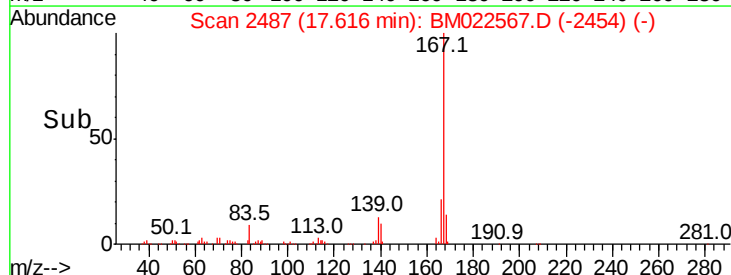
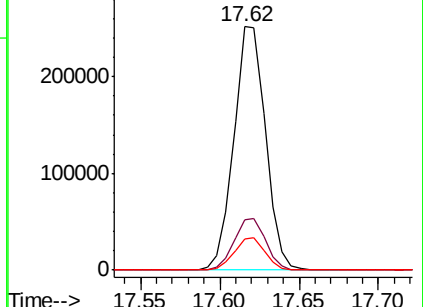
139 12.9 10.6 15.8

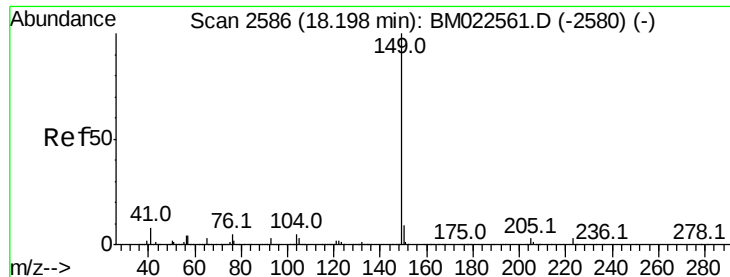


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

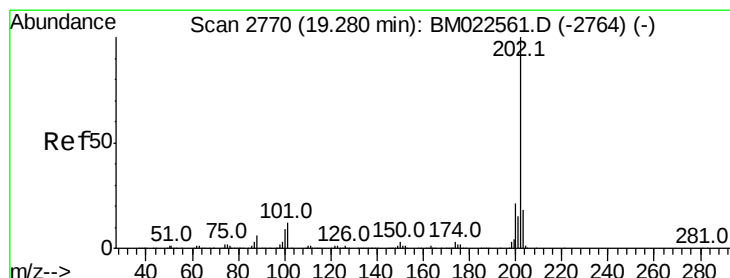
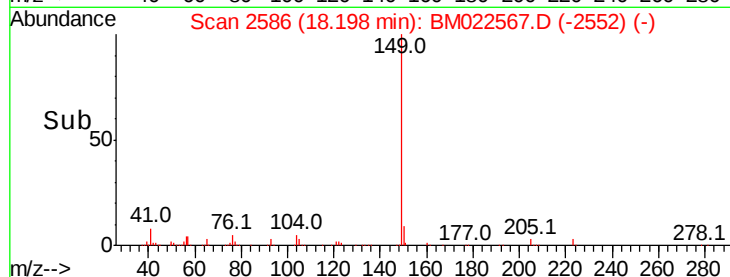
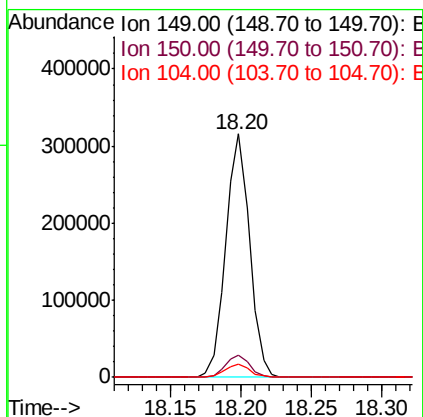
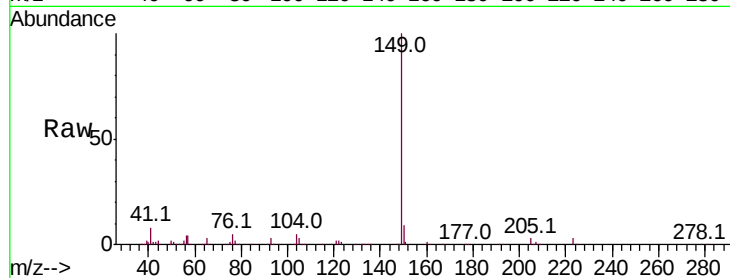




#76
Di-n-butylphthalate
Concen: 3.260 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

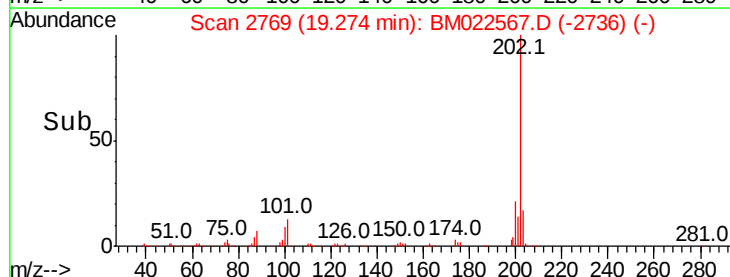
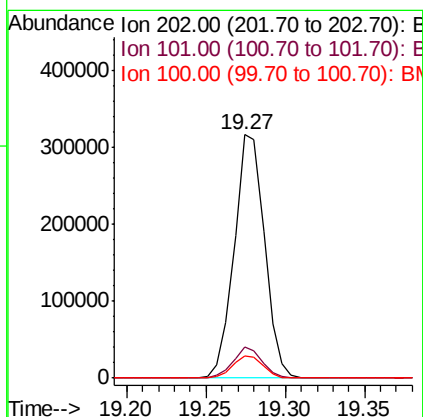
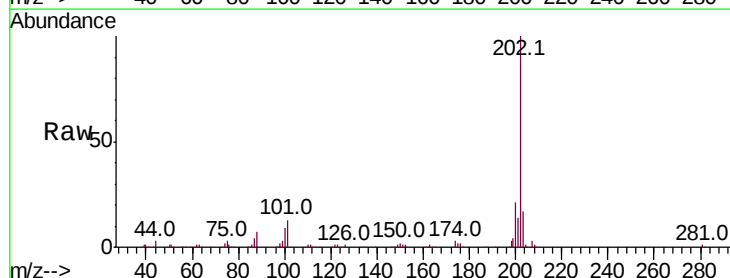
Instrument :
BNA_M
ClientSampleId :
MDL-S-05

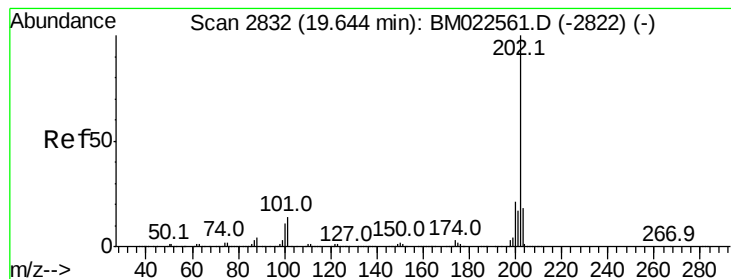
Tot Ion:149 Resp: 371073
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.2 3.9 5.9



#77
Fluoranthene
Concen: 3.813 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:202 Resp: 421261
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 9.1 6.3 9.5





#80

Pvrene

Concen: 3.986 ng/ul

RT: 19.64 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

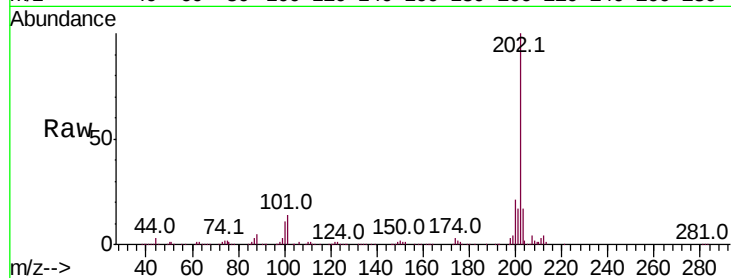
Tot Ion:202 Resp: 460610

Ion Ratio Lower Upper

202 100

101 13.9 10.6 16.0

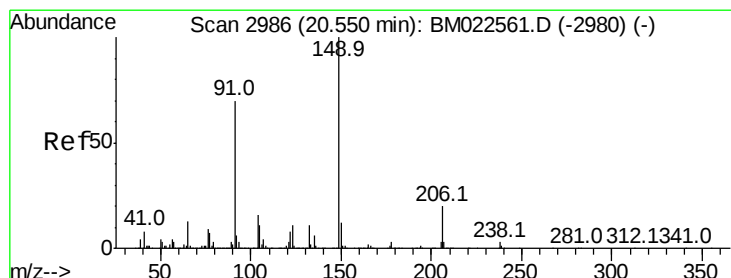
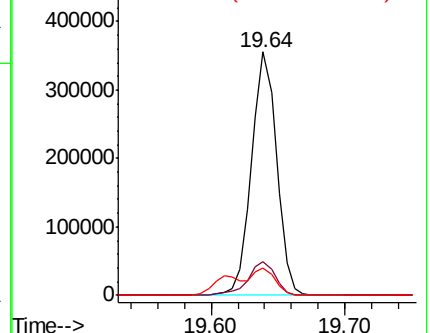
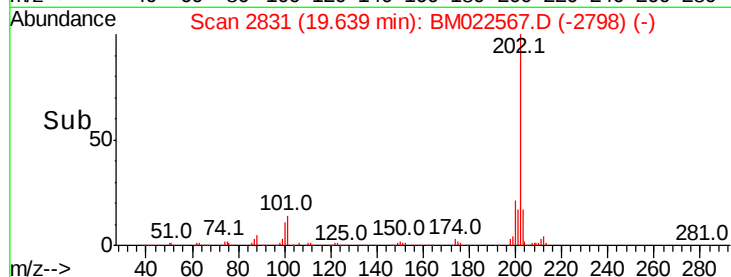
100 11.3 8.6 13.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 2.871 ng/ul

RT: 20.54 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

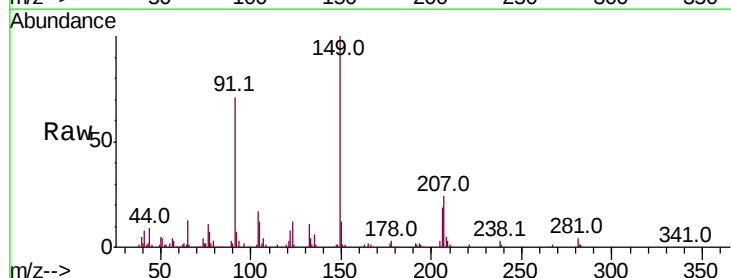
Tgt Ion:149 Resp: 139846

Ion Ratio Lower Upper

149 100

91 71.4 55.4 83.0

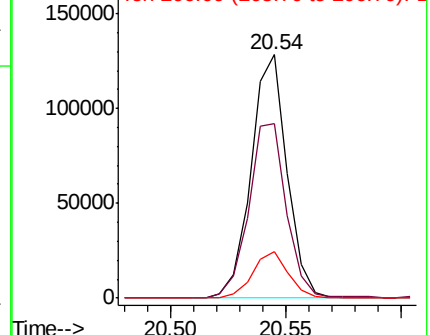
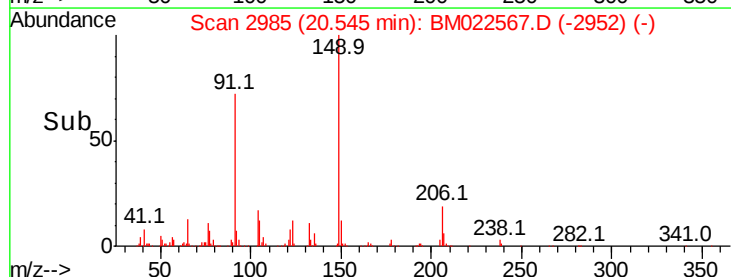
206 19.3 17.0 25.4

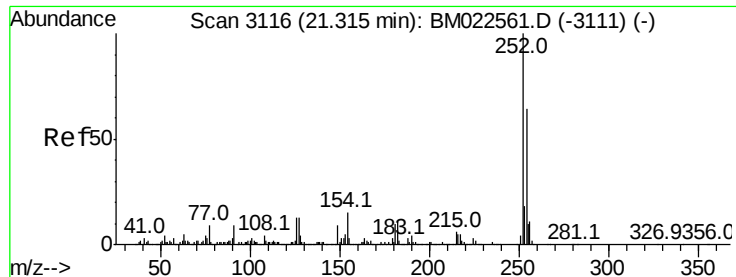


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.495 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

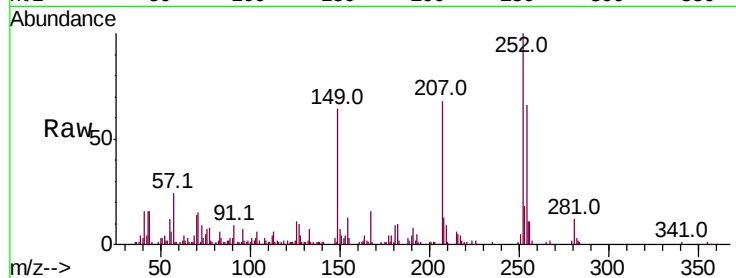
Tot Ion:252 Resp: 101319

Ion Ratio Lower Upper

252 100

254 66.0 51.2 76.8

126 11.3 8.6 13.0

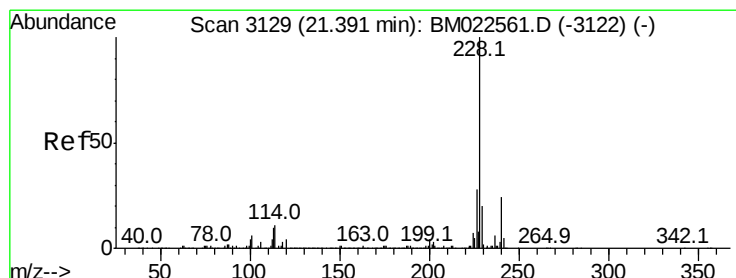
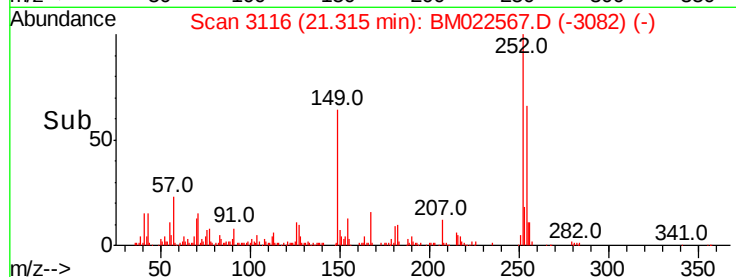
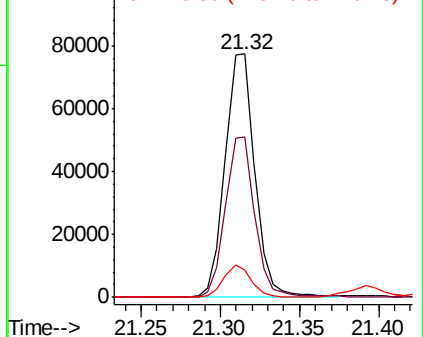


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 3.880 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

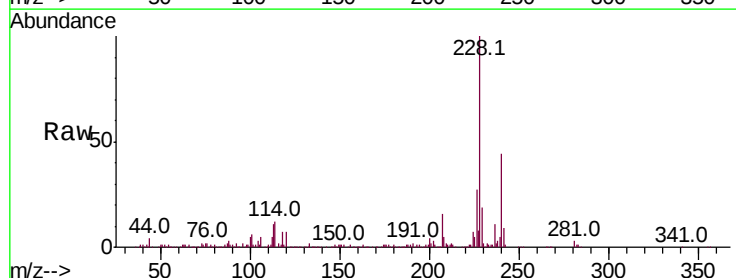
Tgt Ion:228 Resp: 459556

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

226 27.4 22.2 33.2

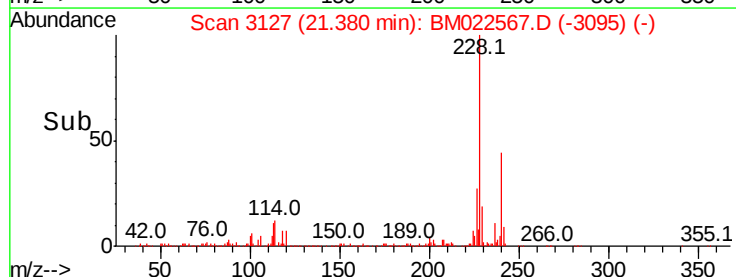
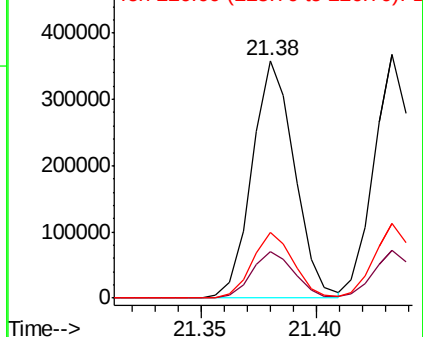


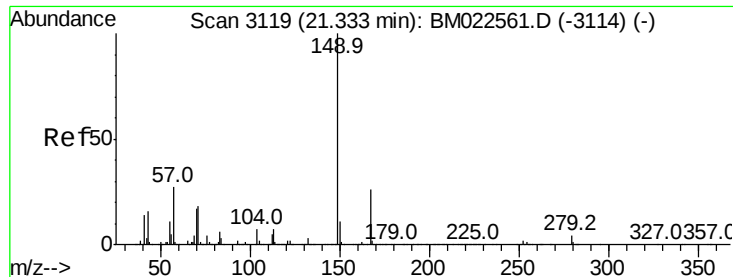
Abundance

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

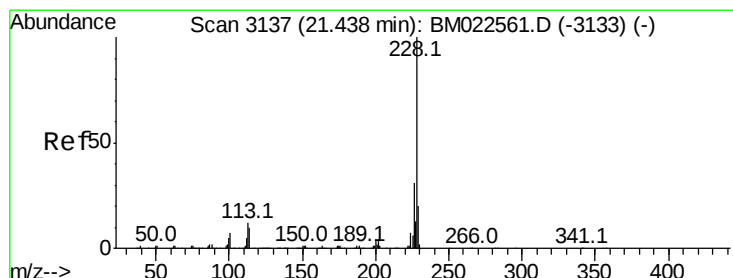
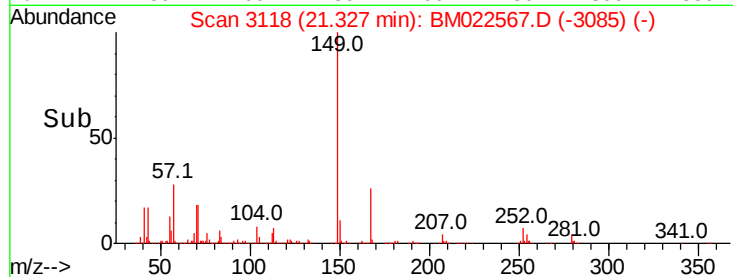
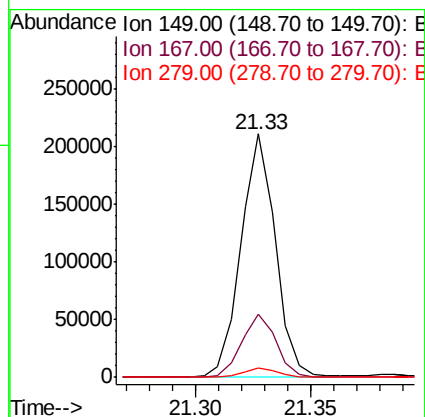
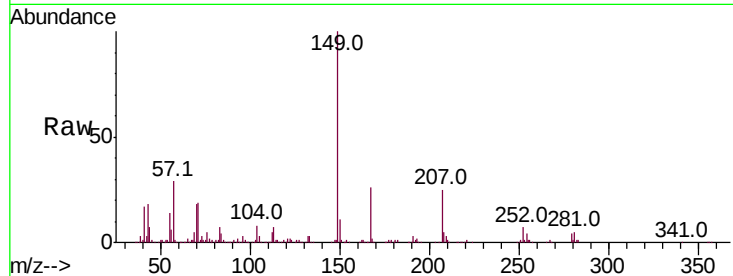




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.940 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

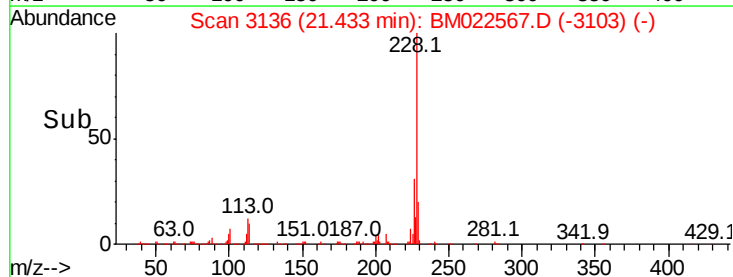
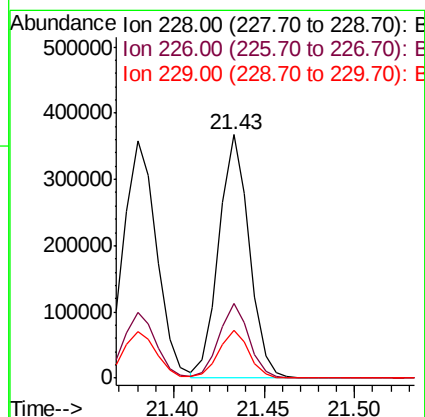
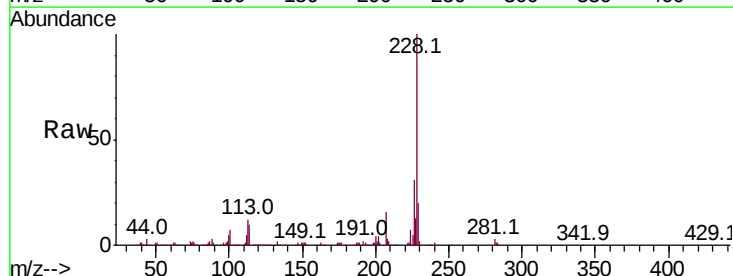
Instrument :
BNA_M
ClientSampleId :
MDL-S-05

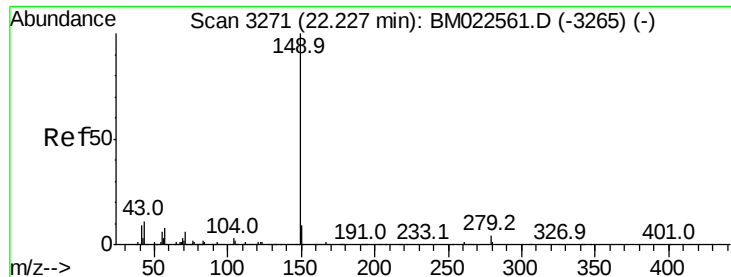
Tot Ion:149 Resp: 217360
Ion Ratio Lower Upper
149 100
167 26.1 21.7 32.5
279 4.1 3.5 5.3



#85
Chrysene
Concen: 3.928 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion:228 Resp: 428078
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 19.6 15.8 23.6





#87

Di-n-octyl phthalate

Concen: 2.540 ng/ul

RT: 22.22 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

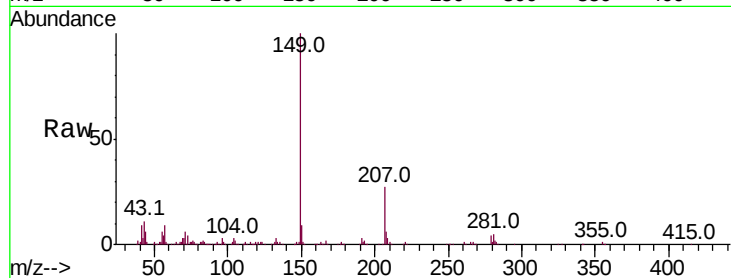
Instrument :

BNA_M

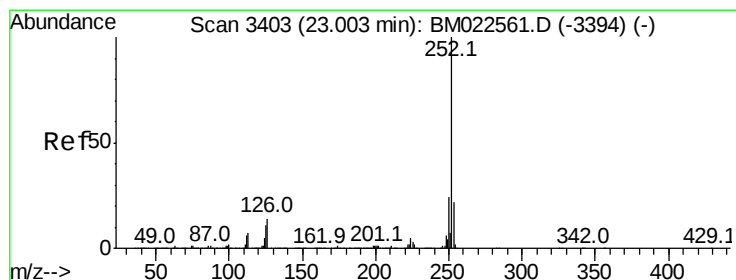
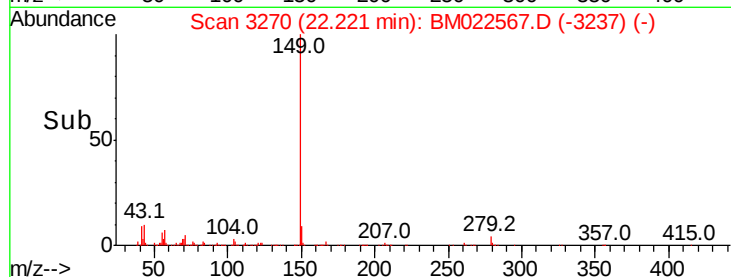
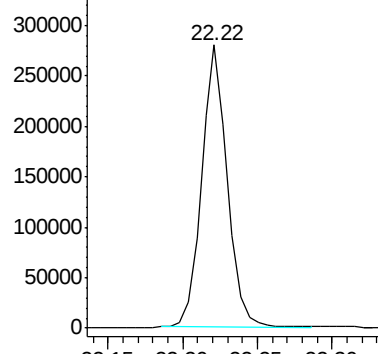
ClientSampleId :

MDL-S-05

Tgt Ion:149 Resp: 334413



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.542 ng/ul

RT: 23.00 min Scan# 3402

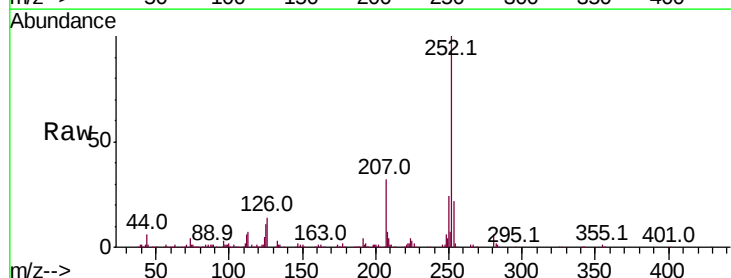
Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Tgt Ion:252 Resp: 428683

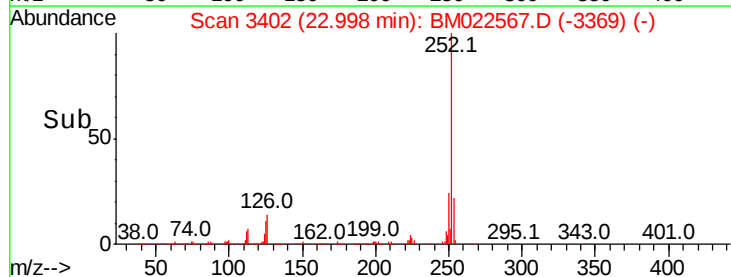
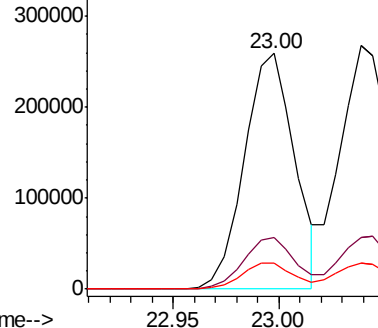
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	8.0	12.0

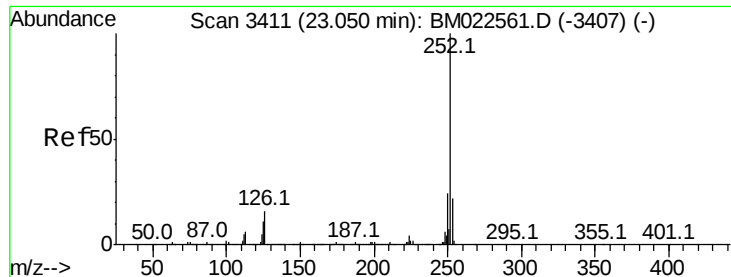


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.887 ng/ul

RT: 23.04 min Scan# 3409

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

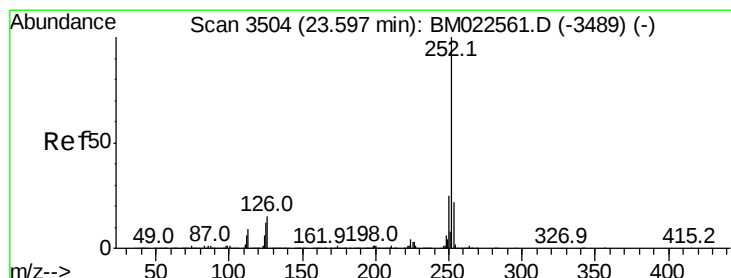
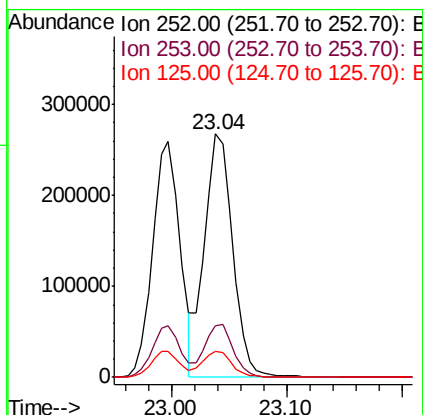
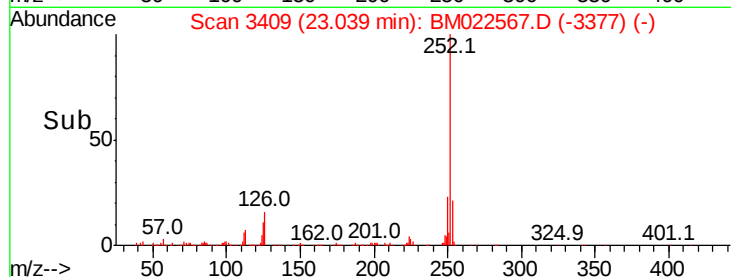
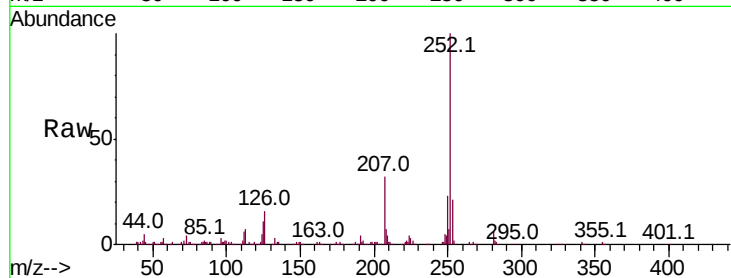
Tot Ion:252 Resp: 457099

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 10.8 8.2 12.2



#91

Benzo(a)pyrene

Concen: 3.892 ng/ul

RT: 23.59 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

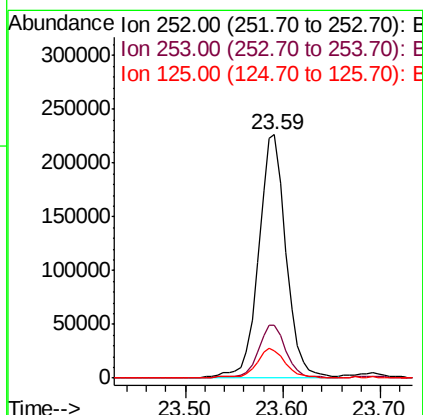
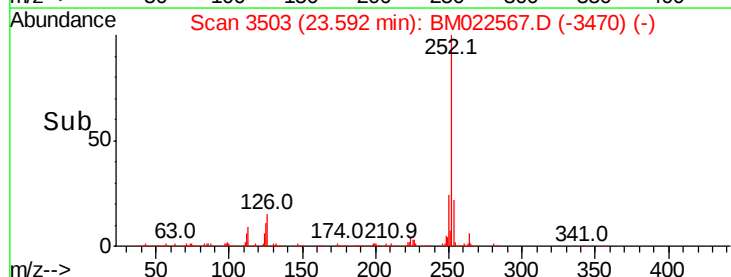
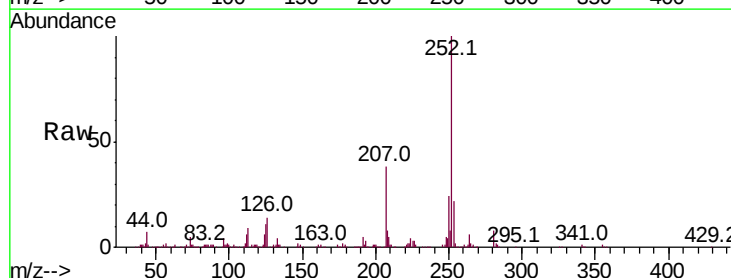
Tgt Ion:252 Resp: 449368

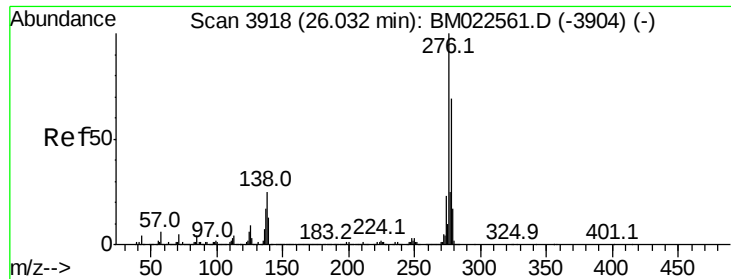
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.3 8.9 13.3



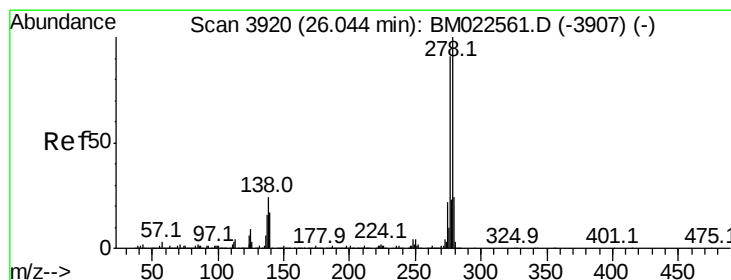
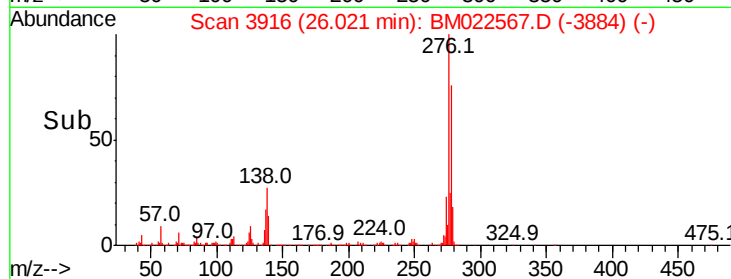
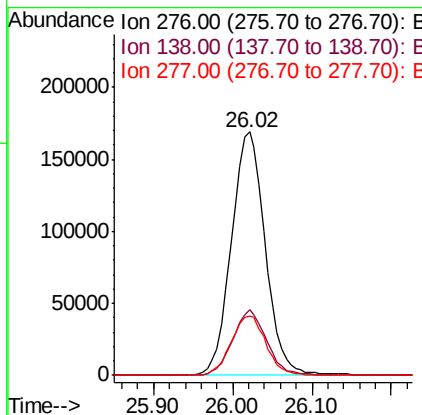
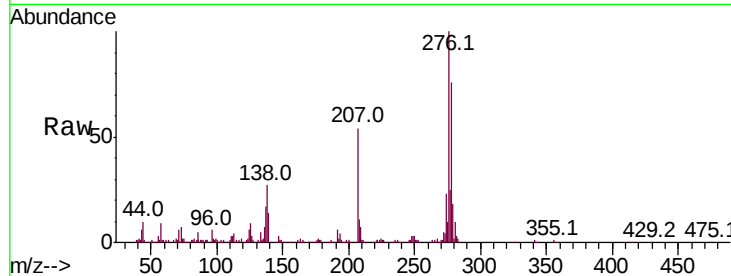


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.751 ng/ul
RT: 26.02 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

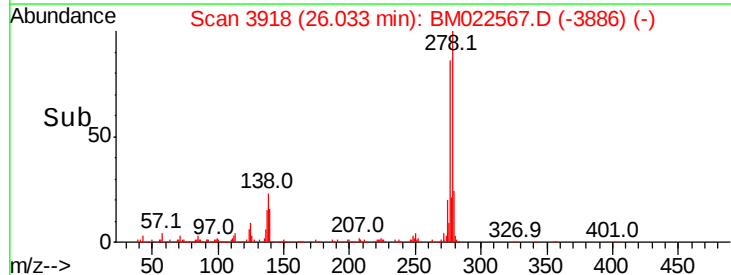
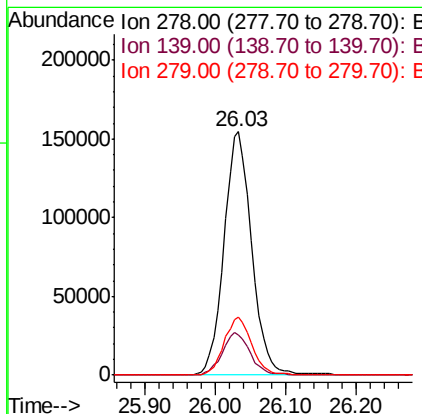
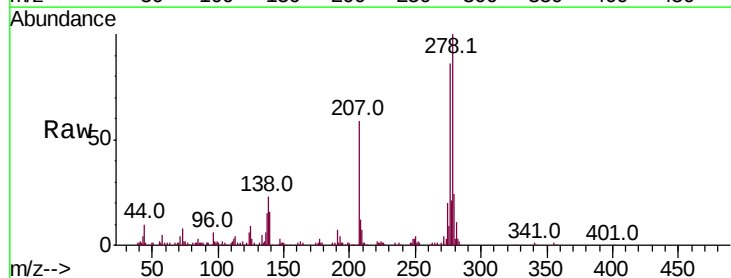
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.2	28.8
277	24.5	19.8	29.8

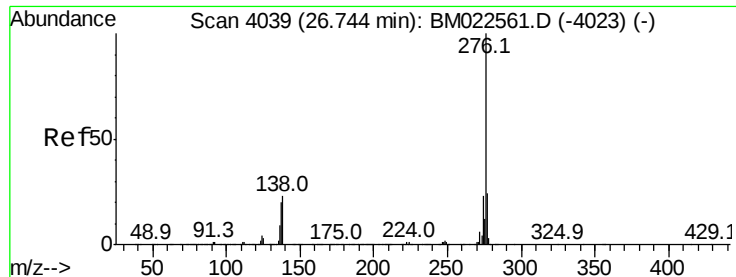


#93

Dibenzo(a,h)anthracene
Concen: 3.802 ng/ul
RT: 26.03 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM022567.D
Acq: 07 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	24.1	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 3.701 ng/ul

RT: 26.73 min Scan# 4036

Delta R.T. -0.02 min

Lab File: BM022567.D

Acq: 07 Sep 2019 00:15

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

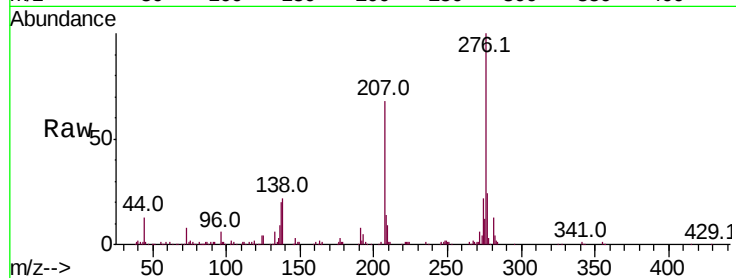
Tot Ion:276 Resp: 405565

Ion Ratio Lower Upper

276 100

138 22.3 17.0 25.6

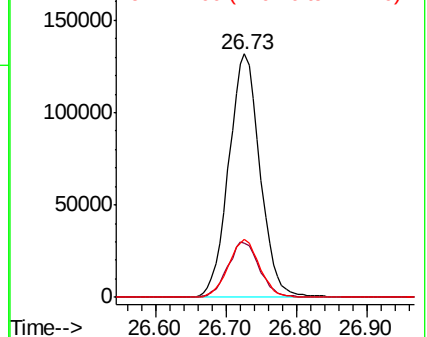
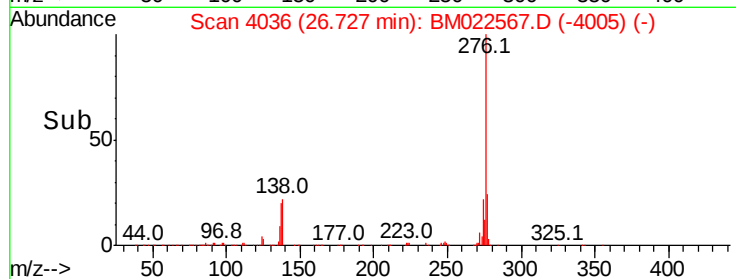
277 23.7 18.8 28.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
 Data File : BM022567.D
 Acq On : 07 Sep 2019 00:15
 Operator : HP/JU
 Sample : MDL-S-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Quant Time: Sep 08 01:35:06 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	263555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1202838	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	769801	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1590116	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1596584	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1839465	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	11427	1.81	ng/uL	0.00
5) Phenol-d5	7.01	99	694356	28.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	433252	31.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	556898	29.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	571114	28.89	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	269028	31.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	247013	30.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	538450	26.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	813433	30.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1820210	29.18	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	2290256	30.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	311579	29.24	ng/ul	0.00
58) Fluorene-d10	15.48	176	1541178	29.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	183415	25.38	ng/ul	0.00
71) Anthracene-d10	17.32	188	2410042	29.59	ng/ul	0.00
79) Pyrene-d10	19.61	212	2621633	29.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	2827164	28.60	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	10783	1.694	ng/uL 97
4) Benzaldehyde	6.99	77	42280	3.330	ng/ul 92
6) Phenol	7.04	94	98657	3.884	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.28	93	78048	4.045	ng/ul 98
10) 2-Chlorophenol	7.42	128	77647	3.847	ng/ul 98
11) 2-Methylphenol	8.29	108	69880	3.525	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	122566	4.319	ng/ul 98
14) Acetophenone	8.68	105	128050	4.152	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.66	70	65386	3.925	ng/ul 97
16) 4-Methylphenol	8.62	108	81529	3.809	ng/ul 99
17) Hexachloroethane	8.95	117	31986	4.000	ng/ul 98
20) Nitrobenzene	9.05	77	91772	4.227	ng/ul 99
21) Isophorone	9.57	82	179441	3.688	ng/ul 98
23) 2-Nitrophenol	9.76	139	37734	3.973	ng/ul 94
24) 2,4-Dimethylphenol	9.82	107	89757	3.769	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.06	93	111309	3.902	ng/ul 100
27) 2,4-Dichlorophenol	10.29	162	73989	3.689	ng/ul 95
28) Naphthalene	10.70	128	267043	4.004	ng/ul 99
30) 4-Chloroaniline	10.80	127	108322	3.929	ng/ul 98
31) Hexachlorobutadiene	11.00	225	45148	3.654	ng/ul 98
32) Caprolactam	11.59	113	21661	2.901	ng/ul 86
33) 4-Chloro-3-methylphenol	11.92	107	76418	3.452	ng/ul 98
34) 2-Methylnaphthalene	12.31	142	194123	3.864	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
 Data File : BM022567.D
 Acq On : 07 Sep 2019 00:15
 Operator : HP/JU
 Sample : MDL-S-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Quant Time: Sep 08 01:35:06 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	183977	3.833	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	91959	3.702	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	45096	2.945	ng/ul	97
39) 2,4,6-Trichlorophenol	12.92	196	49524	3.185	ng/ul	97
40) 2,4,5-Trichlorophenol	12.98	196	55429	3.287	ng/ul	99
41) 1,1'-Biphenyl	13.32	154	255372	3.984	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	193642	3.990	ng/ul	99
43) 2-Nitroaniline	13.56	65	43298	3.821	ng/ul	96
45) Dimethylphthalate	13.94	163	249476	3.940	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	35235	3.418	ng/ul	94
48) Acenaphthylene	14.21	152	305072	3.938	ng/ul	99
49) 3-Nitroaniline	14.37	138	35036	3.134	ng/ul	99
50) Acenaphthene	14.55	153	209811	3.908	ng/ul	100
51) 2,4-Dinitrophenol	14.58	184	12822	2.711	ng/ul#	84
53) 4-Nitrophenol	14.67	109	35004	4.089	ng/ul	90
54) Dibenzofuran	14.89	168	298934	4.012	ng/ul	100
55) 2,4-Dinitrotoluene	14.83	165	55645	3.685	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.11	232	42550	3.038	ng/ul#	95
57) Diethylphthalate	15.31	149	244723	3.736	ng/ul	99
59) Fluorene	15.53	166	246437	4.020	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	116554	3.842	ng/ul	95
61) 4-Nitroaniline	15.53	138	40053	3.144	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	28060	3.355	ng/ul#	72
65) N-Nitrosodiphenylamine	15.74	169	207934	3.832	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	70237	3.535	ng/ul	99
67) Hexachlorobenzene	16.54	284	81412	3.718	ng/ul	98
68) Atrazine	16.69	200	65368	3.134	ng/ul	100
69) Pentachlorophenol	16.87	266	31972	2.647	ng/ul	98
70) Phenanthrene	17.27	178	382069	3.924	ng/ul	99
72) Anthracene	17.36	178	391840	3.918	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	91547	3.698	ng/uL	100
74) Pentachlorobenzene	14.81	250	92978	3.726	ng/uL	97
75) Carbazole	17.62	167	348280	3.875	ng/ul	98
76) Di-n-butylphthalate	18.20	149	371073	3.260	ng/ul	99
77) Fluoranthene	19.27	202	421261	3.813	ng/ul	96
80) Pvrene	19.64	202	460610	3.986	ng/ul	99
81) Butylbenzylphthalate	20.54	149	139846	2.871	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.32	252	101319	2.495	ng/ul	98
83) Benzo(a)anthracene	21.38	228	459556	3.880	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.33	149	217360	2.940	ng/ul	98
85) Chrysene	21.43	228	428078	3.928	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	334413	2.540	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	428683	3.542	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	457099	3.887	ng/ul	99
91) Benzo(a)pyrene	23.59	252	449368	3.892	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.02	276	500321	3.751	ng/ul	97
93) Dibenzo(a,h)anthracene	26.03	278	422037	3.802	ng/ul	100
94) Benzo(a,h,i)perylene	26.73	276	405565	3.701	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022567.D
Acq On : 07 Sep 2019 00:15
Operator : HP/JU
Sample : MDL-S-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 08 01:35:06 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						