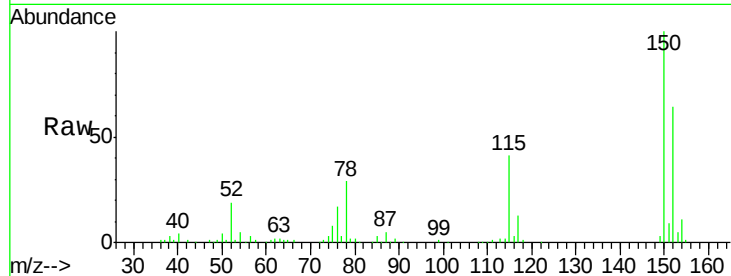


#1

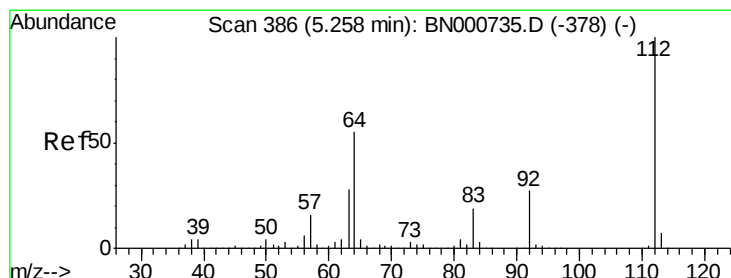
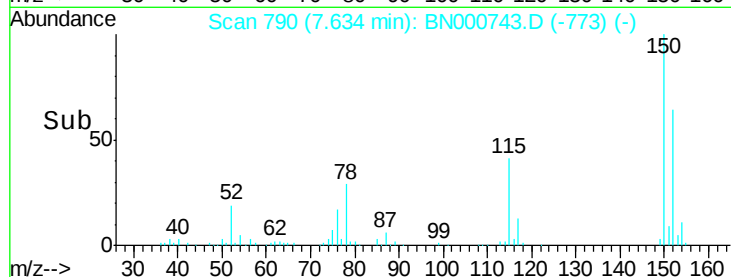
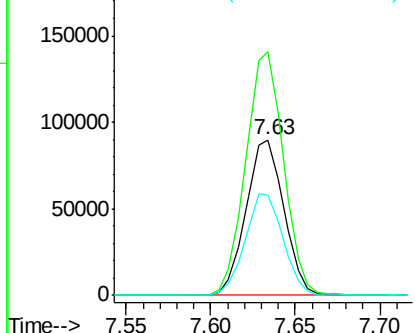
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Tot Ion:152 Resp: 139645
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 64.3 53.0 79.4



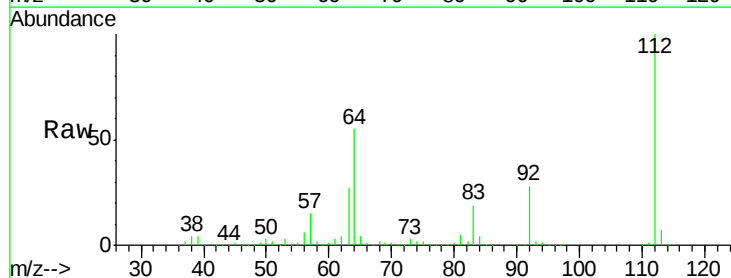
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



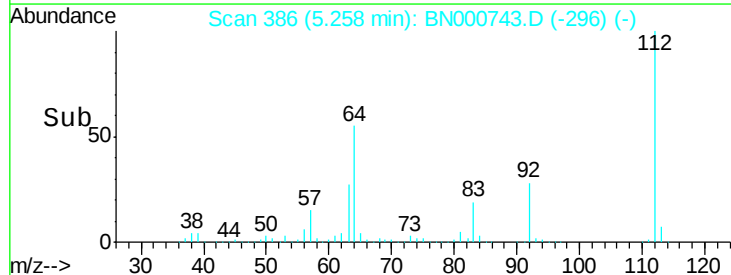
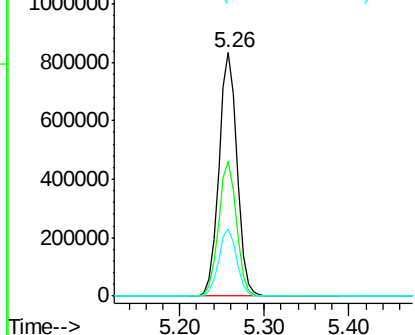
#5

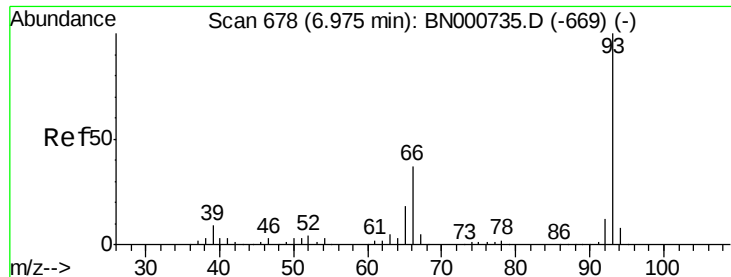
2-Fluorophenol
Concen: 132.653 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Tgt Ion:112 Resp: 1247025
Ion Ratio Lower Upper
112 100
64 55.1 56.3 84.5#
63 27.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.901 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

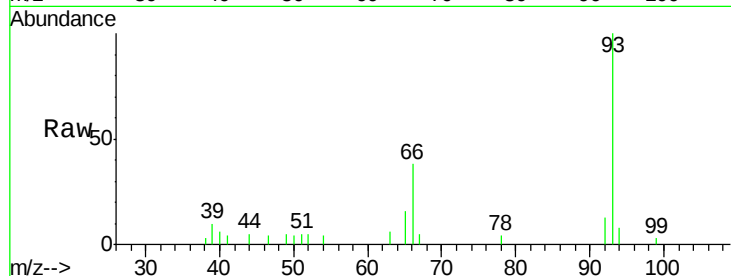
Tot Ion: 93 Resp: 15313

Ion Ratio Lower Upper

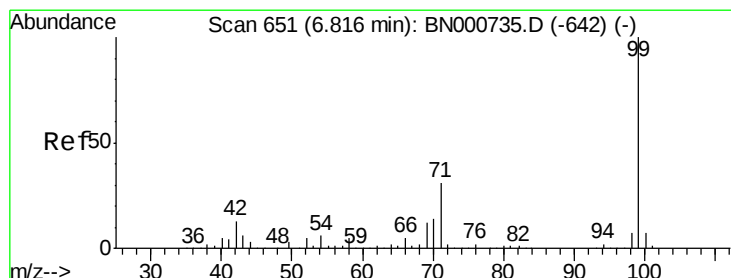
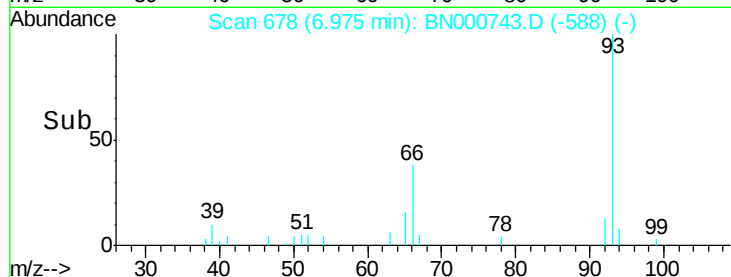
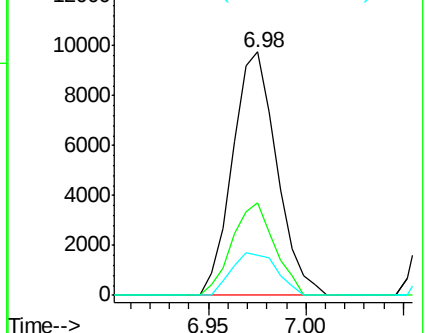
93 100

66 37.9 33.7 50.5

65 16.5 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 66.00 (65.70 to 66.70): BN0
Ion 65.00 (64.70 to 65.70): BN0



#7

Phenol-d6

Concen: 132.037 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

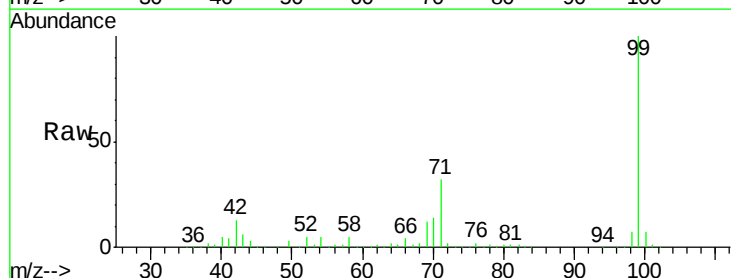
Tgt Ion: 99 Resp: 1691470

Ion Ratio Lower Upper

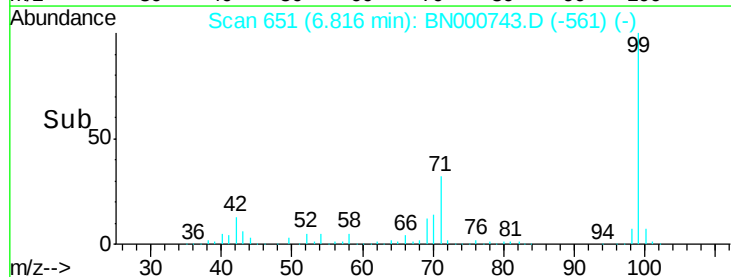
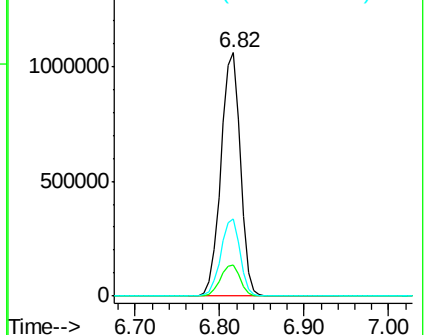
99 100

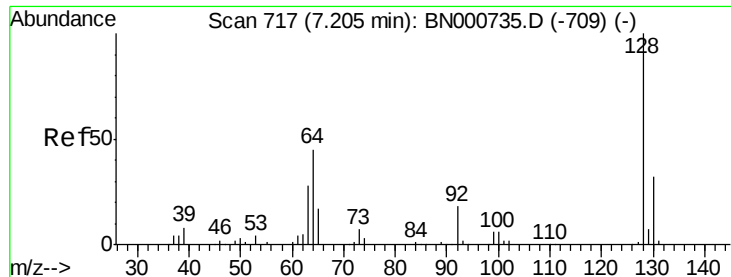
42 12.7 14.1 21.1#

71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0





#8

2-Chlorophenol

Concen: 1.013 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

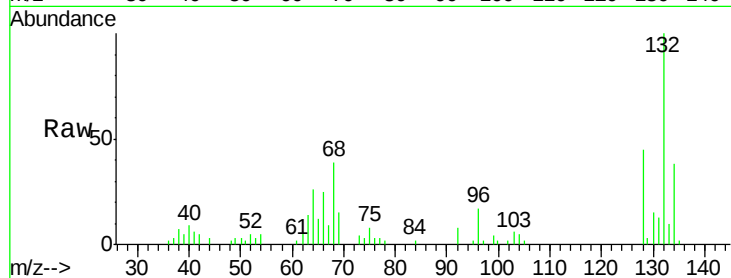
Tot Ion:128 Resp: 9852

Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

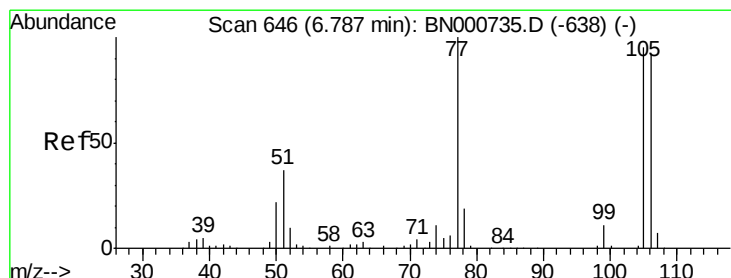
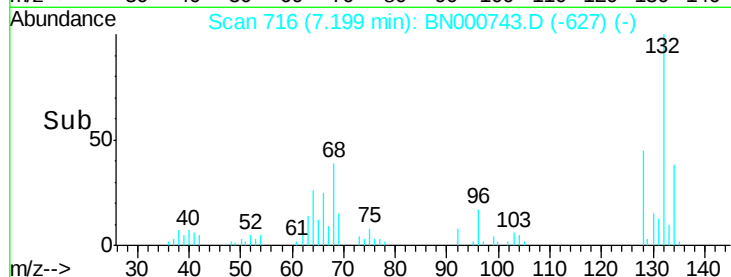
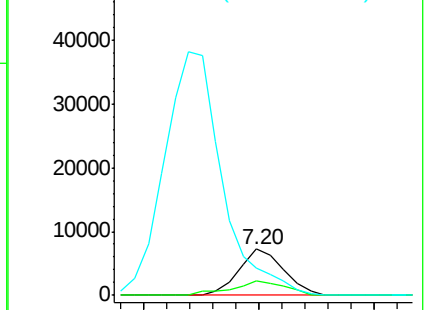
64 58.7 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BNC



#9

Benzaldehyde

Concen: Below Cal

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

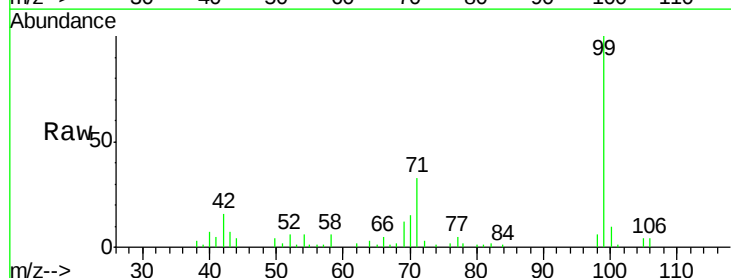
Tgt Ion: 77 Resp: 6692

Ion Ratio Lower Upper

77 100

105 92.3 71.3 111.3

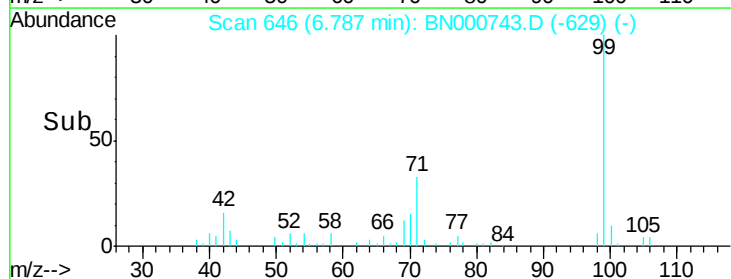
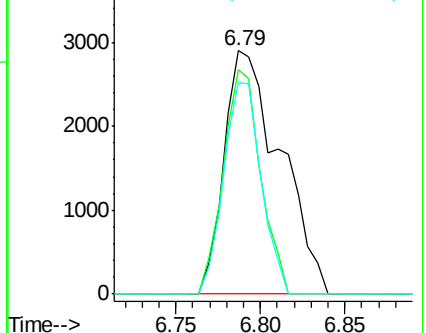
106 87.0 64.2 104.2

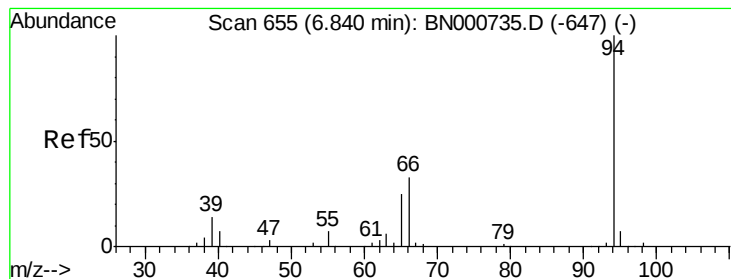


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.984 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

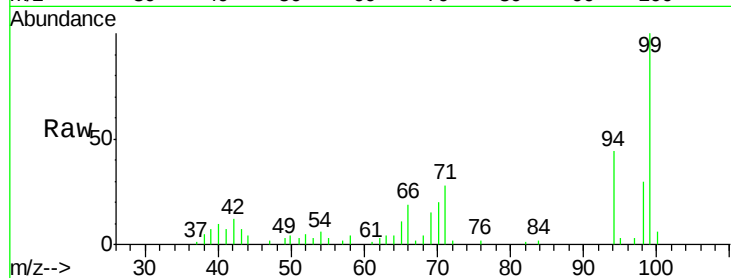
Tot Ion: 94 Resp: 13288

Ion Ratio Lower Upper

94 100

65 25.7 11.9 51.9

66 43.8 22.2 62.2

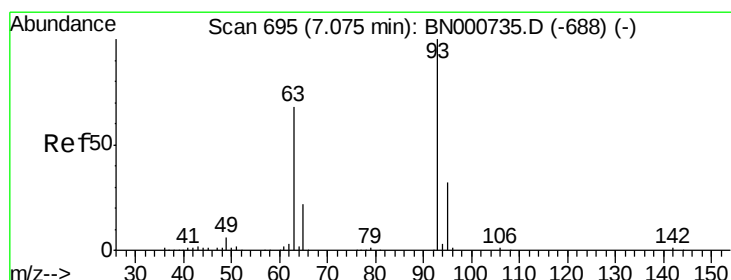
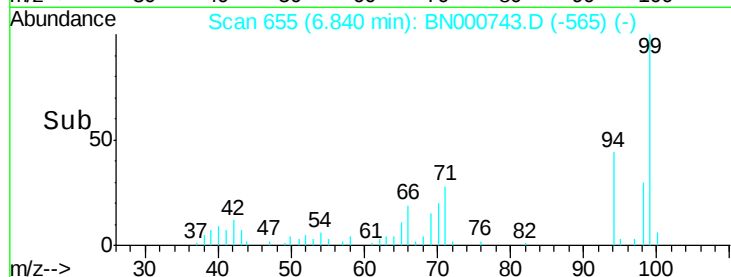
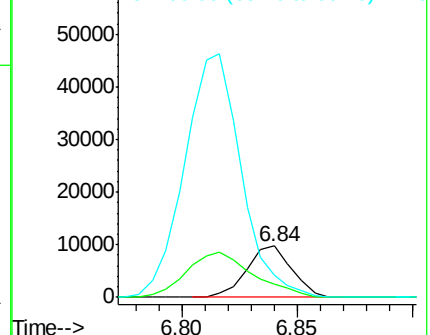


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#11

bis(2-Chloroethyl)ether

Concen: 0.970 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

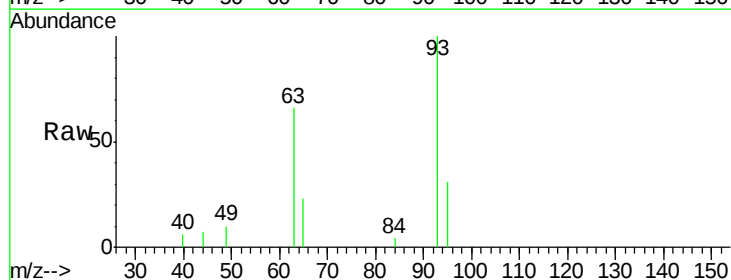
Tgt Ion: 93 Resp: 10721

Ion Ratio Lower Upper

93 100

63 65.9 67.1 107.1#

95 30.6 11.5 51.5

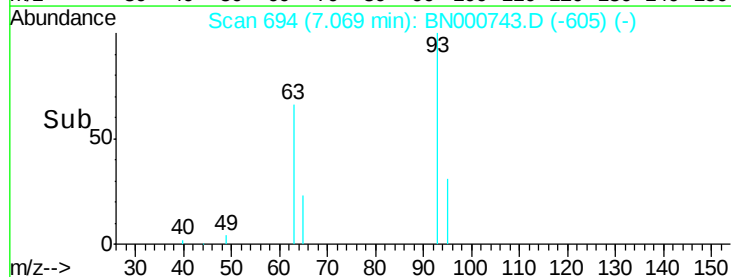
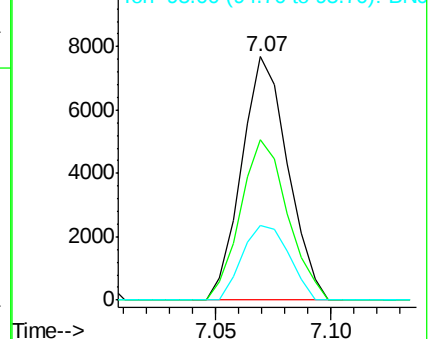


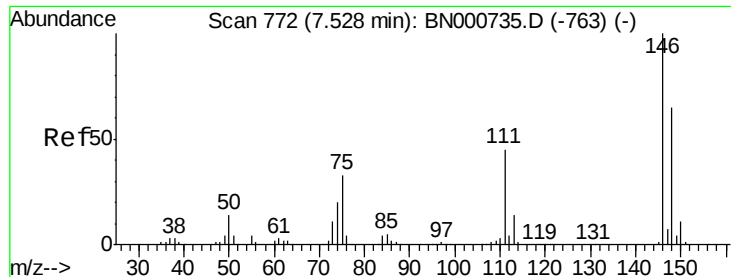
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

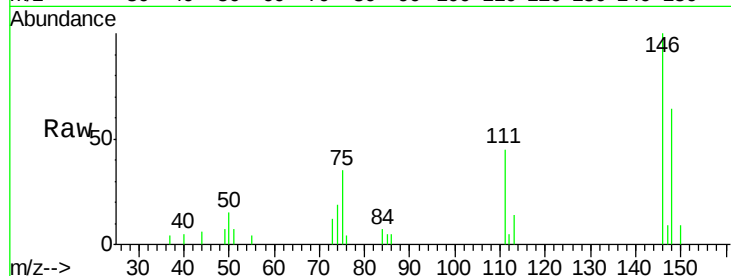




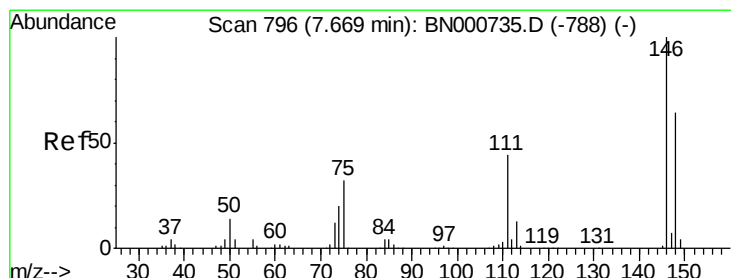
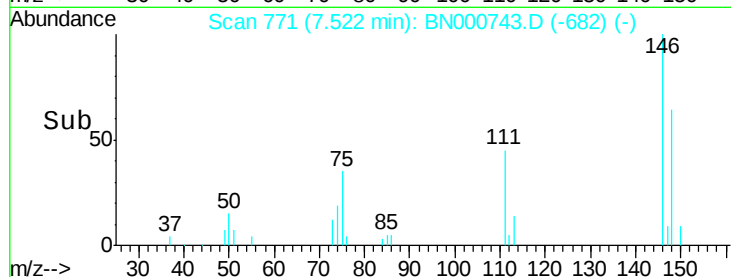
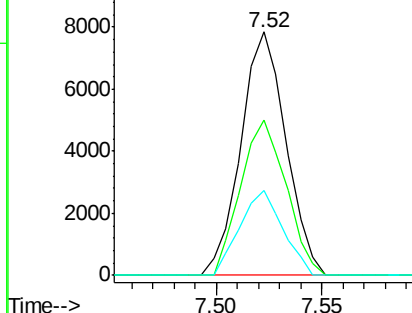
#12
 1,3-Dichlorobenzene
 Concen: 1.030 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Tot Ion:146 Resp: 11635
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 75 34.7 26.6 39.8

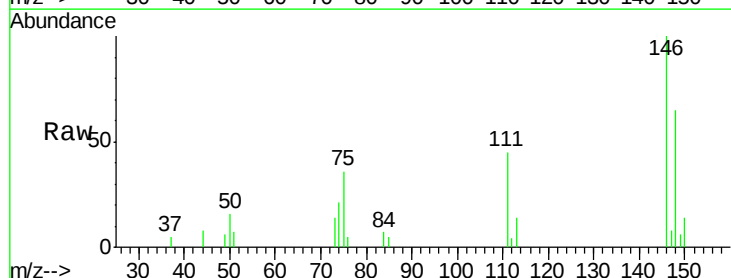


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BNC

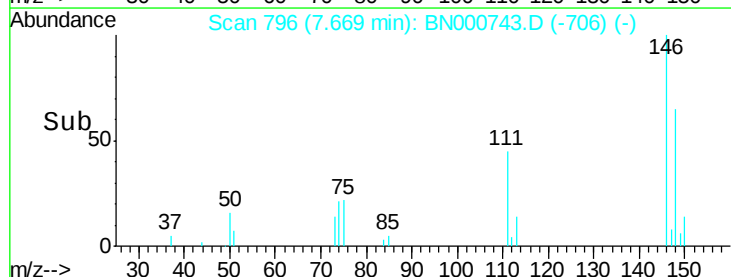
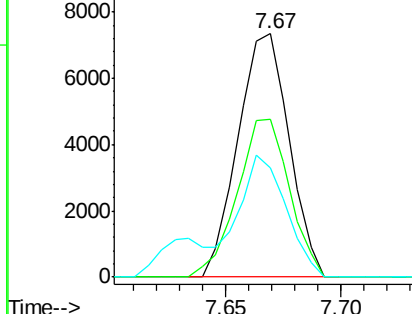


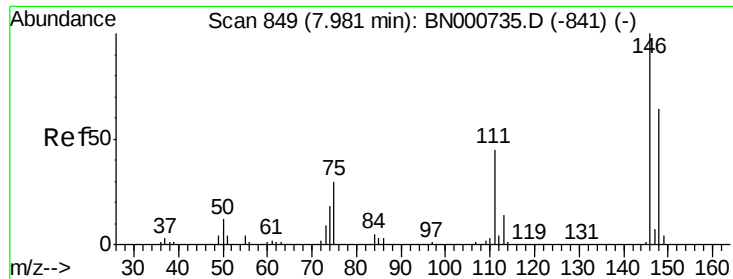
#13
 1,4-Dichlorobenzene
 Concen: 0.989 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:146 Resp: 11342
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.7 80.5
 111 44.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1.006 ng

RT: 7.98 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

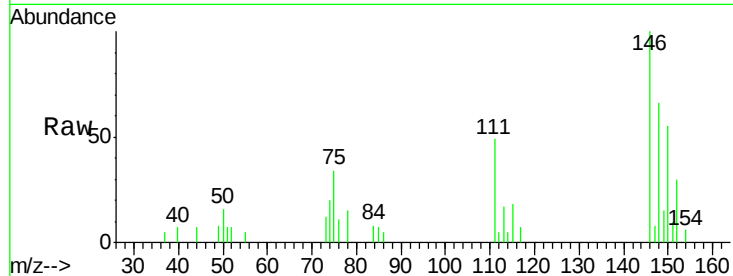
Tot Ion:146 Resp: 11005

Ion Ratio Lower Upper

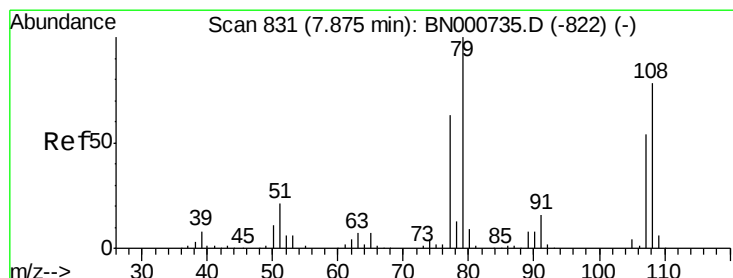
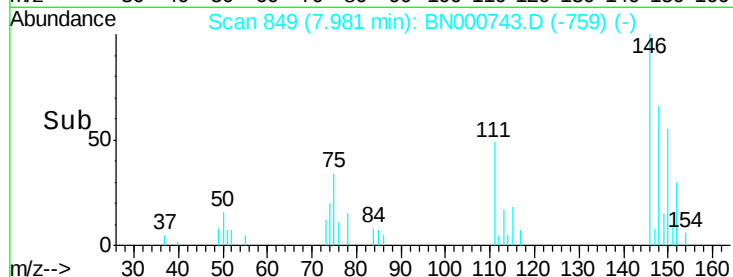
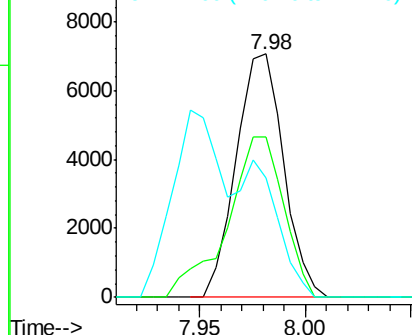
146 100

148 65.7 49.3 73.9

111 49.0 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.775 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

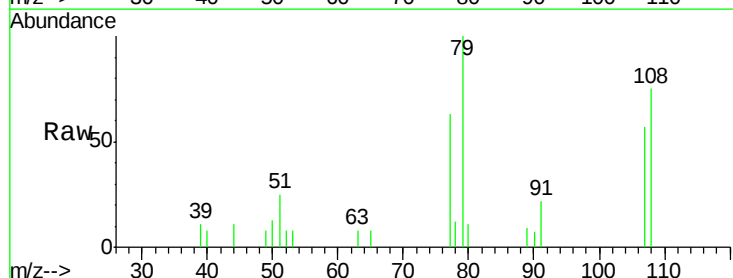
Tgt Ion: 79 Resp: 6831

Ion Ratio Lower Upper

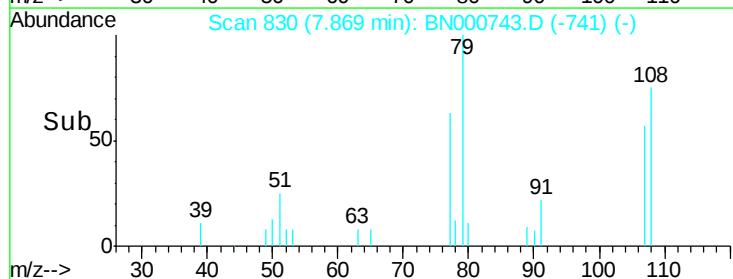
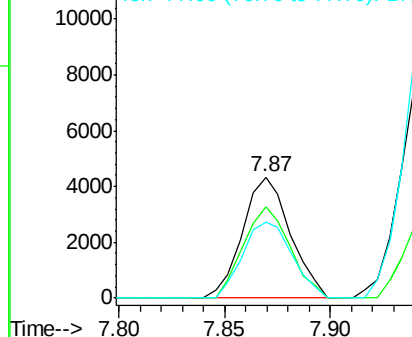
79 100

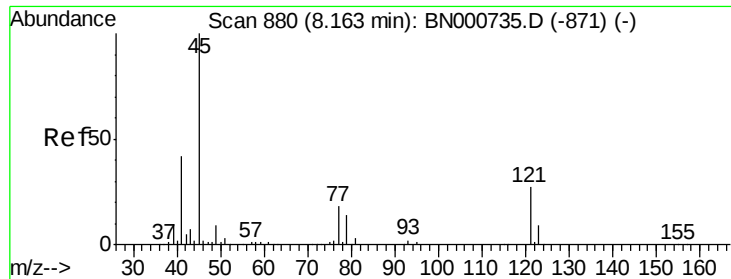
108 75.1 57.2 85.8

77 62.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC

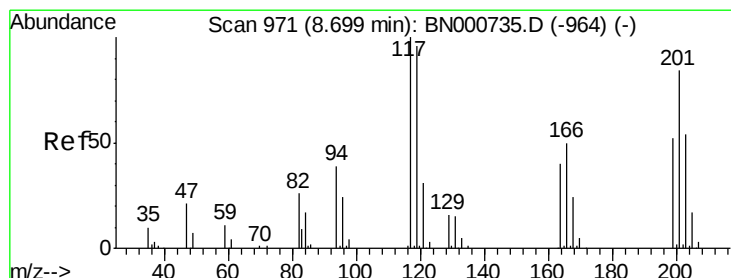
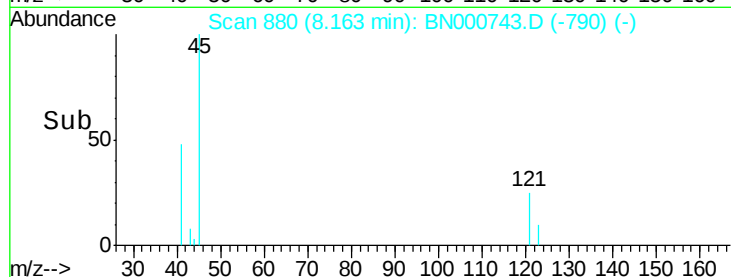
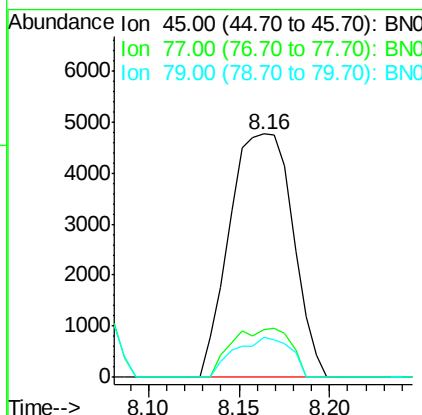
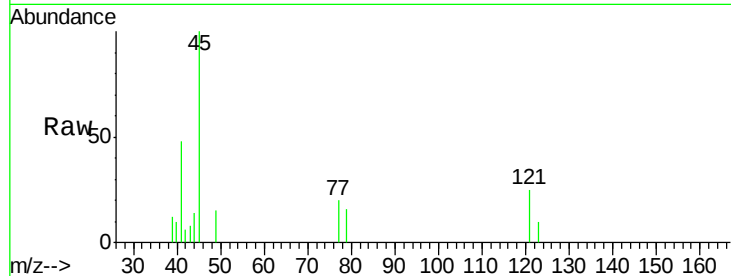




#16
2,2'-oxvbis(1-chloropropane)
Concen: 0.986 ng
RT: 8.16 min Scan# 880
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

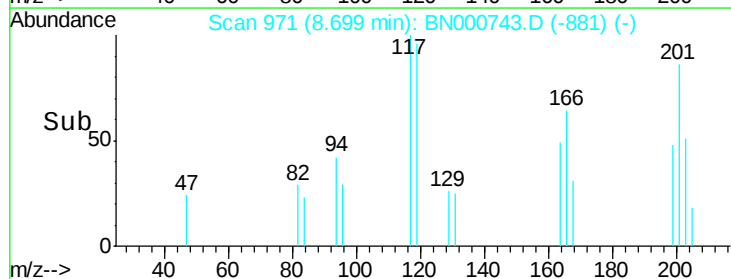
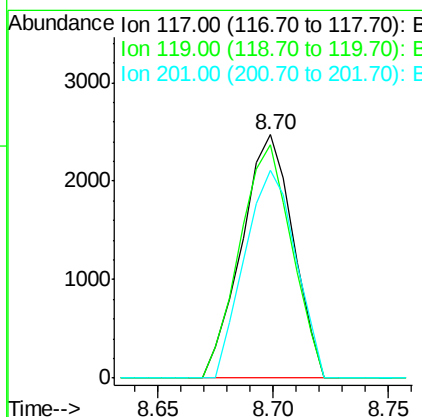
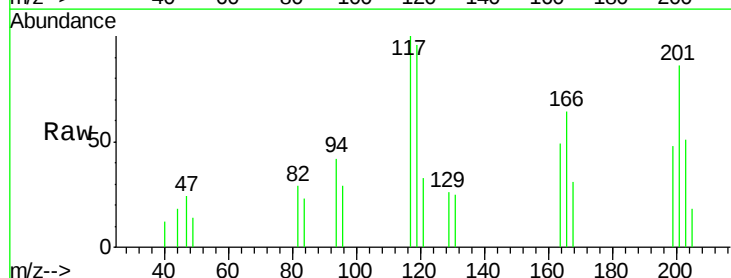
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

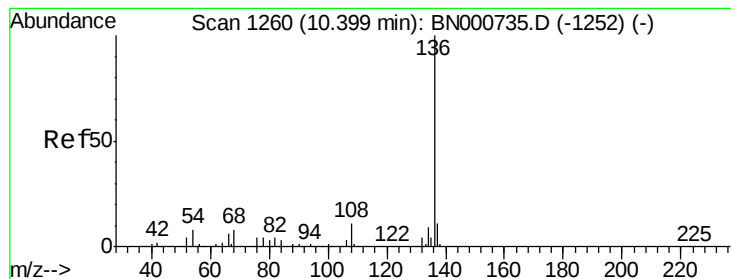
Tot Ion: 45 Resp: 11566
Ion Ratio Lower Upper
45 100
77 19.5 0.0 30.2
79 16.3 0.0 27.9



#18
Hexachloroethane
Concen: 0.910 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Tgt Ion: 117 Resp: 3843
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
201 85.5 95.7 143.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

Tot Ion:136 Resp: 617946

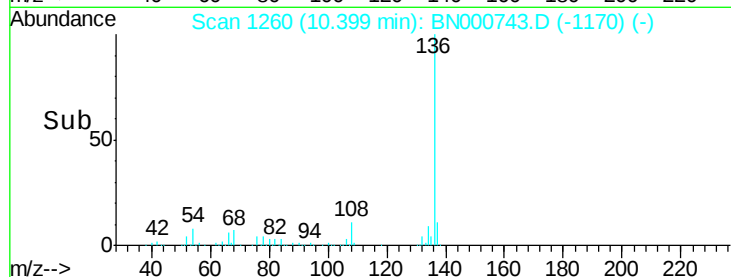
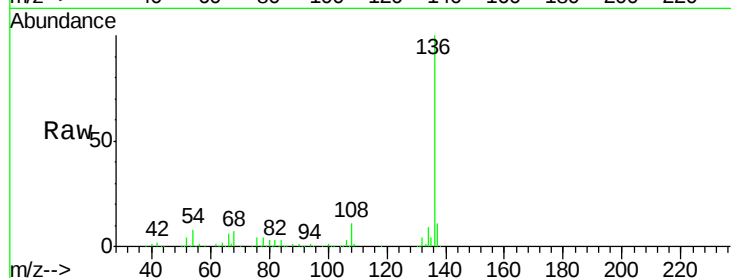
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 7.3 4.5 6.7#

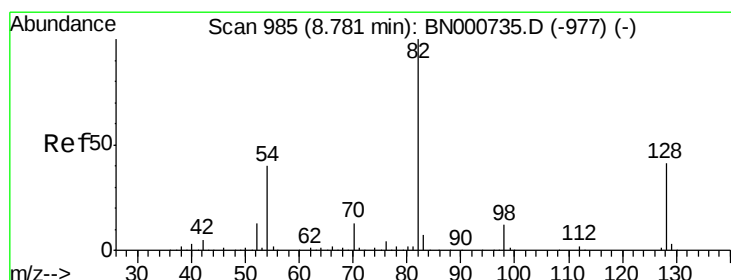
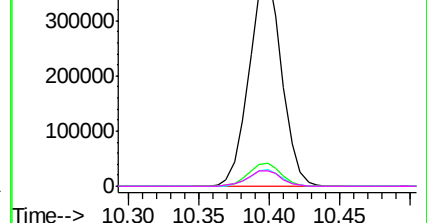


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23

Nitrobenzene-d5

Concen: 80.508 ng

RT: 8.78 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

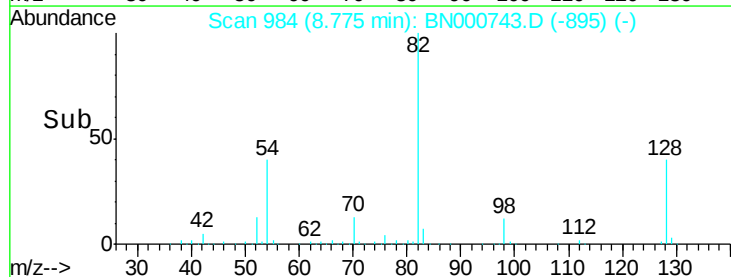
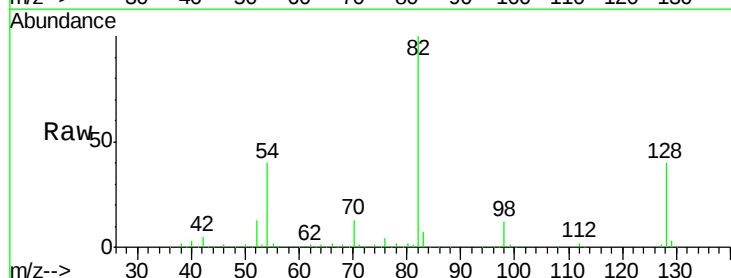
Tgt Ion: 82 Resp: 954325

Ion Ratio Lower Upper

82 100

128 40.0 29.7 44.5

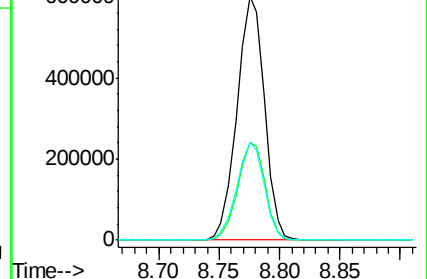
54 40.2 43.1 64.7#

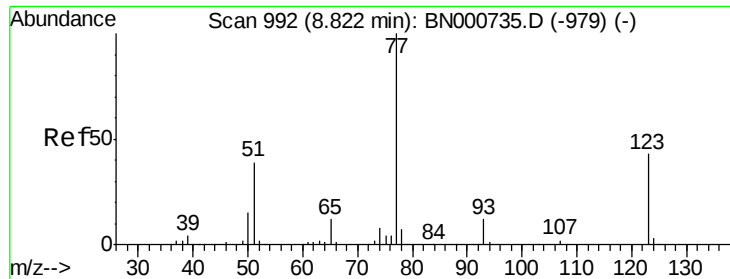


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

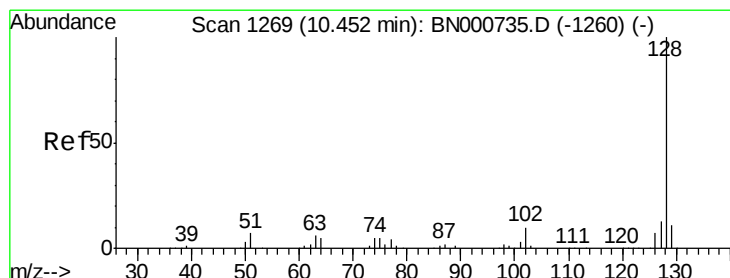
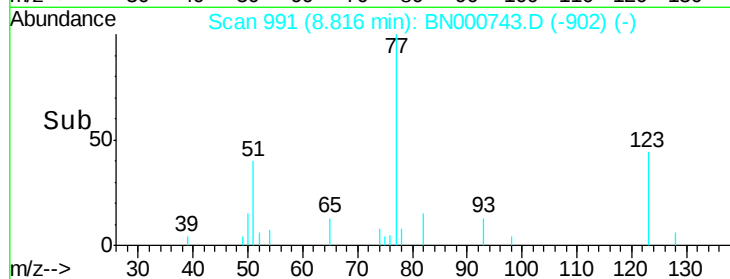
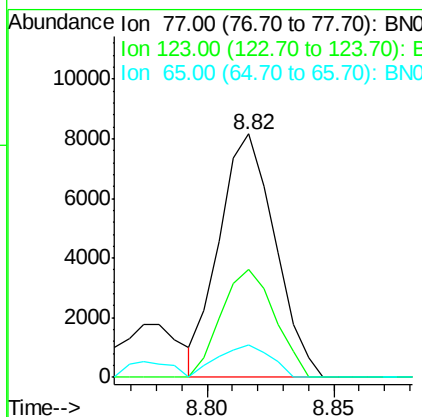
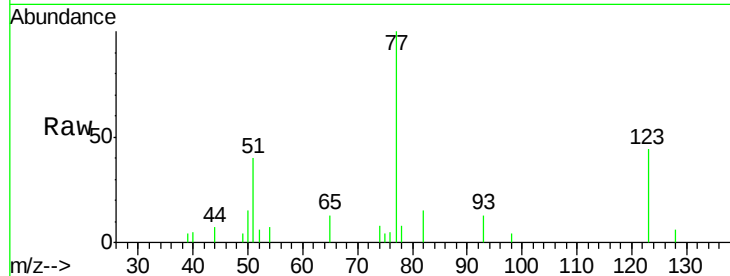




#24
 Nitrobenzene
 Concen: 0.981 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

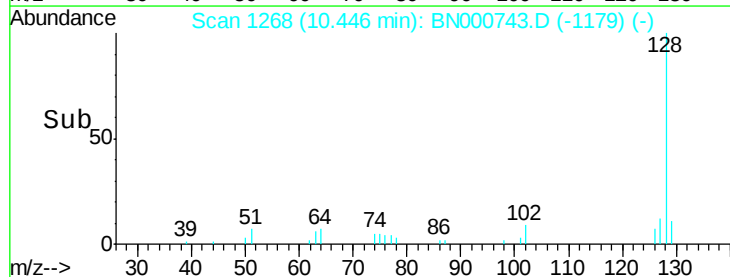
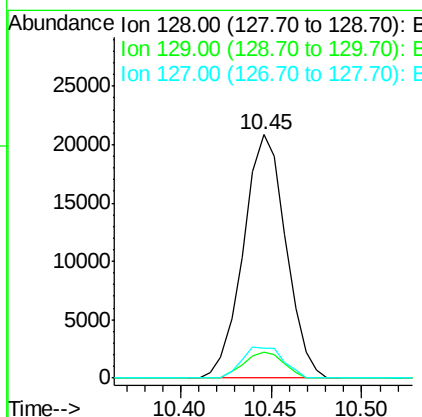
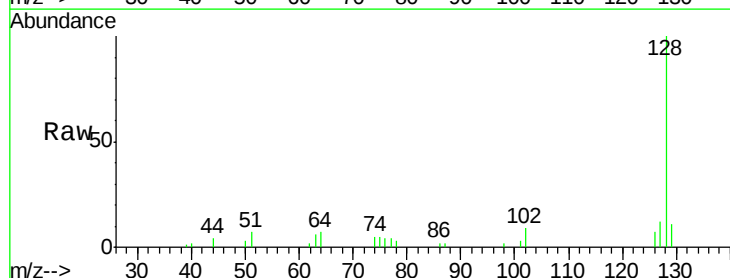
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

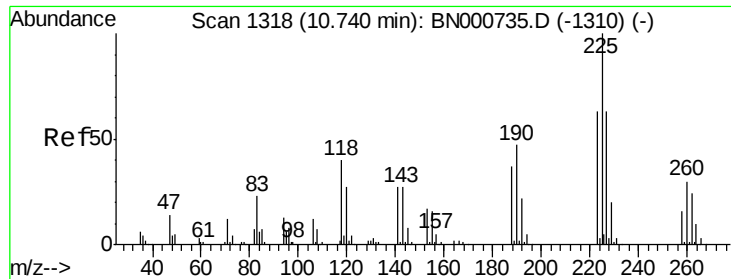
Tot Ion: 77 Resp: 12473
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.0 49.6
 65 13.3 13.0 19.6



#31
 Naphthalene
 Concen: 1.023 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion: 128 Resp: 33996
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 12.8
 127 12.4 11.6 17.4

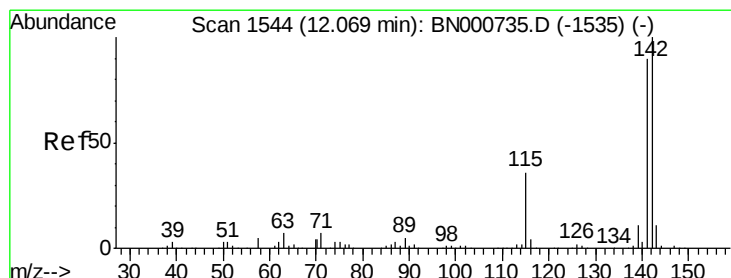
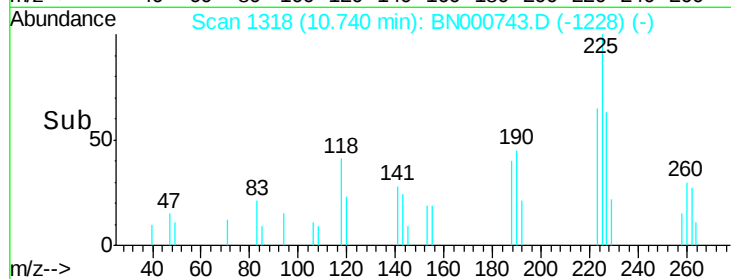
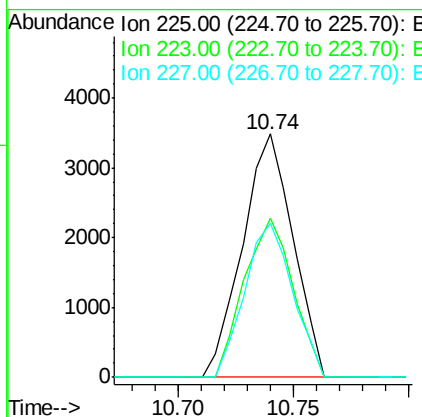
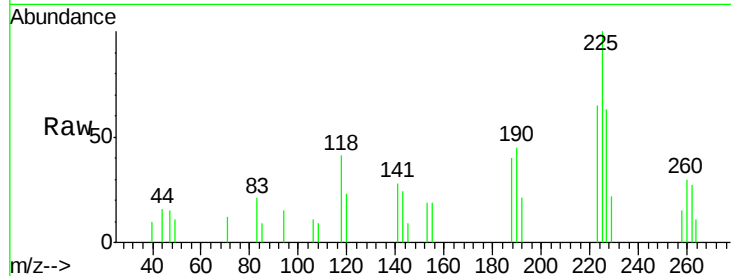




#34
Hexachlorobutadiene
Concen: 0.968 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

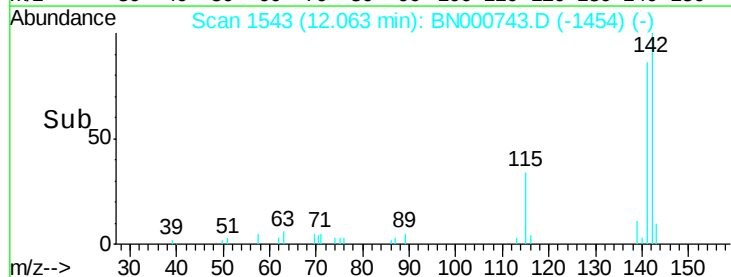
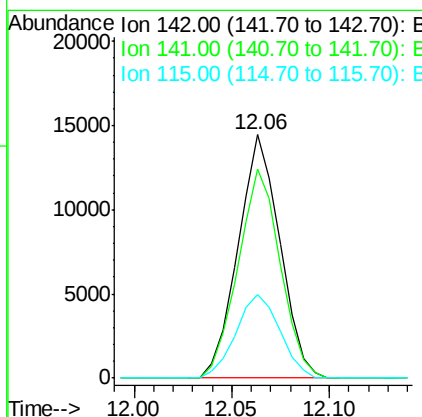
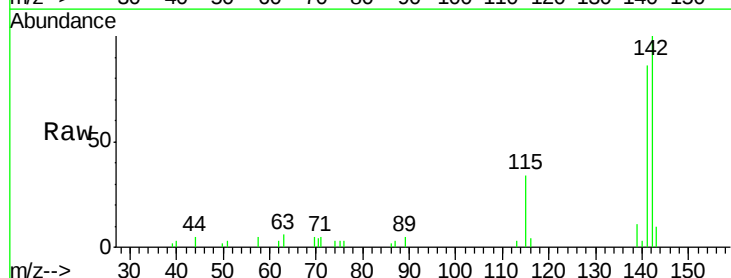
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

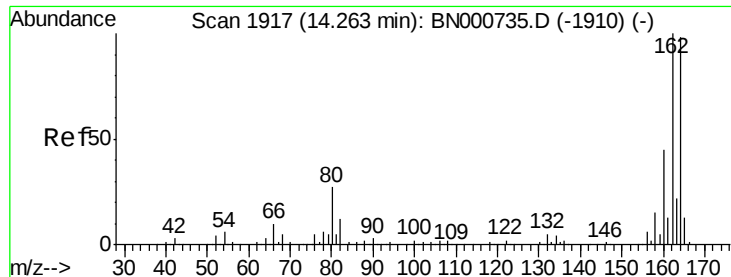
Tot Ion:225 Resp: 5305
Ion Ratio Lower Upper
225 100
223 65.3 49.7 74.5
227 63.3 48.1 72.1



#37
2-Methylnaphthalene
Concen: 0.982 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Tgt Ion:142 Resp: 21368
Ion Ratio Lower Upper
142 100
141 85.6 67.1 100.7
115 34.3 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

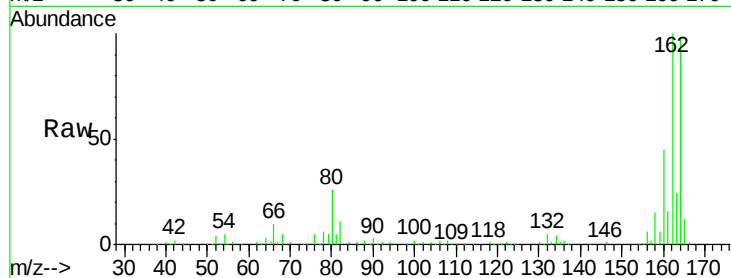
Tot Ion:164 Resp: 335152

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

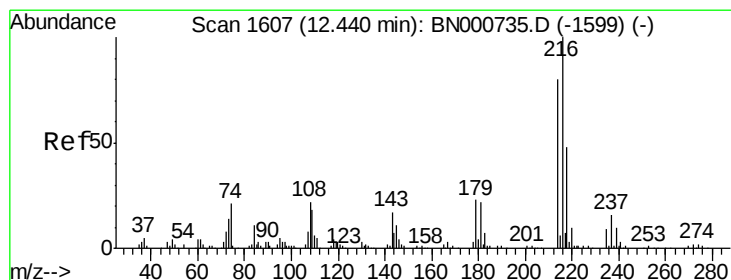
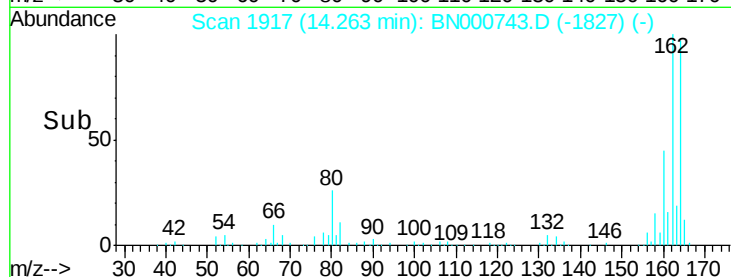
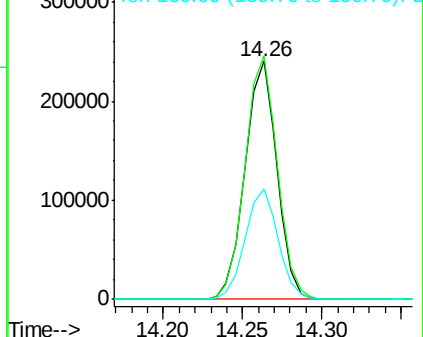
160 46.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.981 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Tgt Ion:216 Resp: 10194

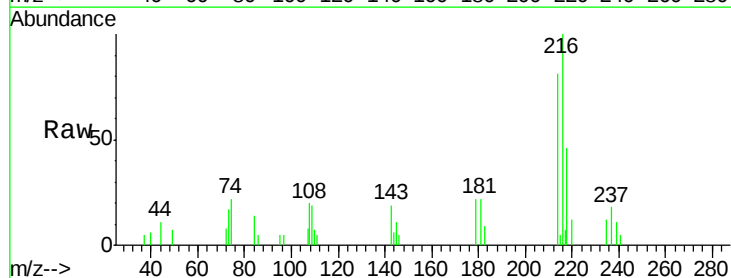
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 20.1 17.0 25.6

108 22.4 12.8 19.2#

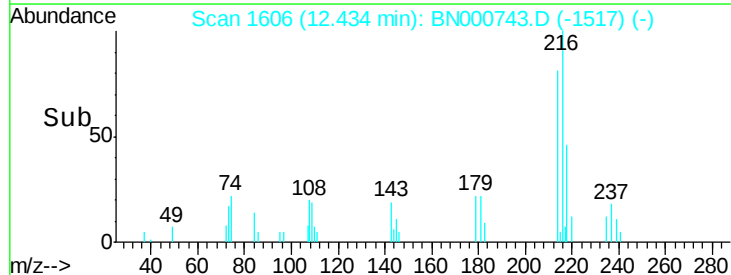
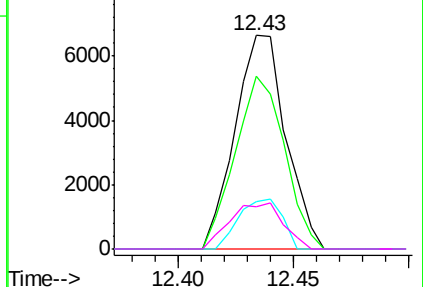


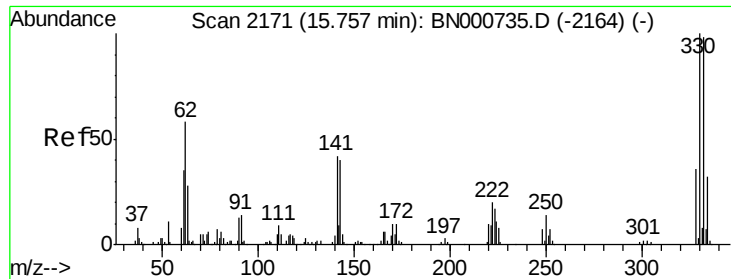
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

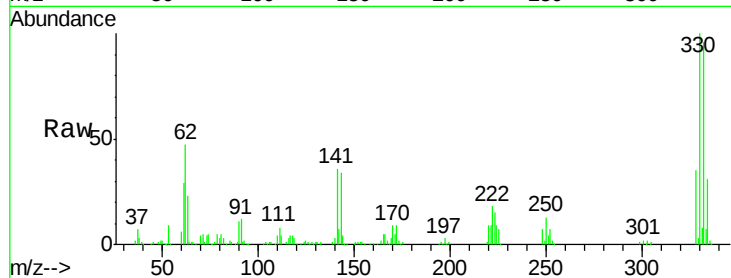




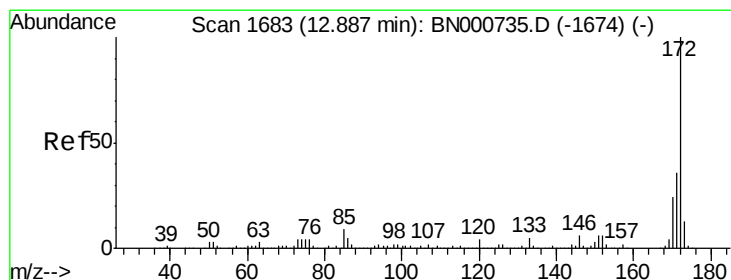
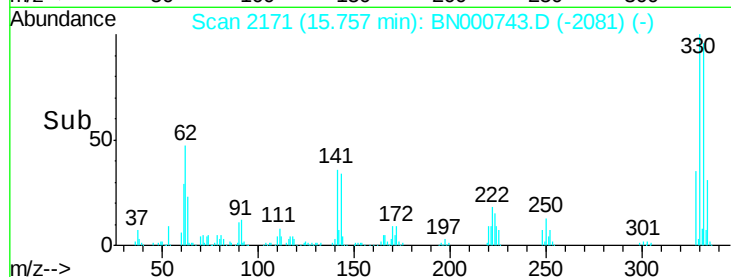
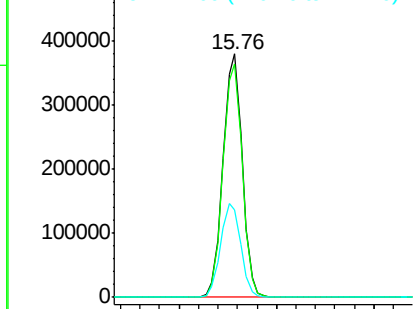
#41
 2,4,6-Tribromophenol
 Concen: 153.966 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Tot Ion:330 Resp: 519483
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 40.2 25.2 37.8#

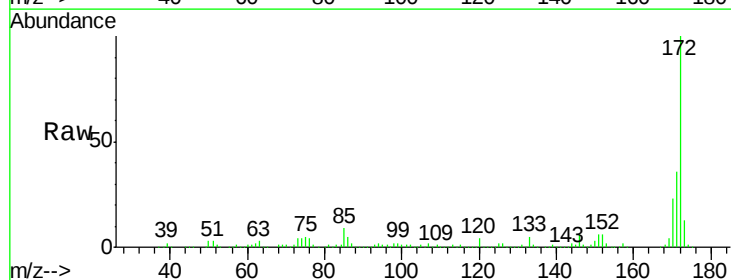


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

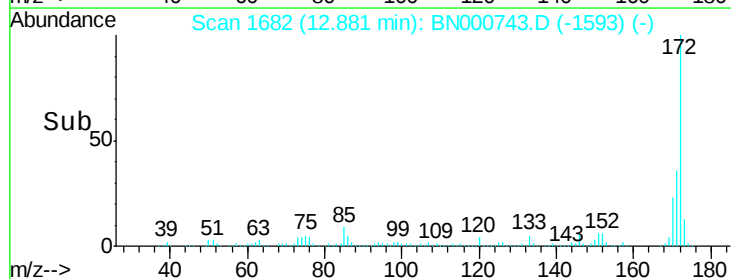
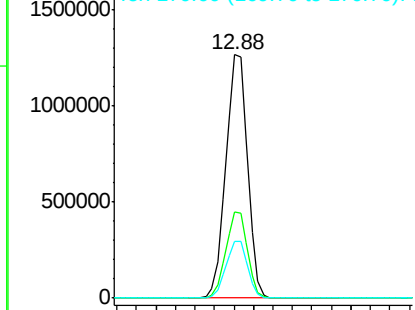


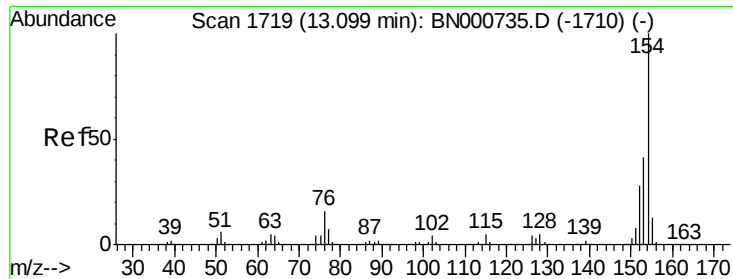
#44
 2-Fluorobiphenyl
 Concen: 80.191 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:172 Resp: 1946899
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 1.153 ng

RT: 13.09 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

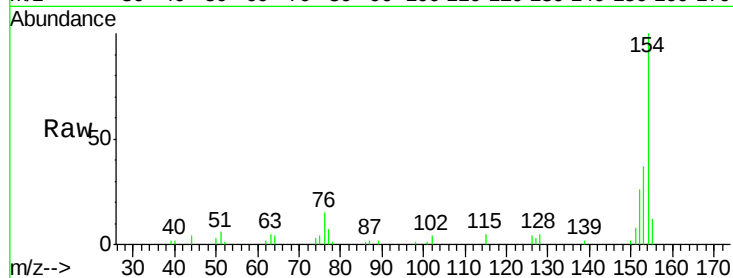
Tot Ion:154 Resp: 34585

Ion Ratio Lower Upper

154 100

153 37.4 19.8 59.8

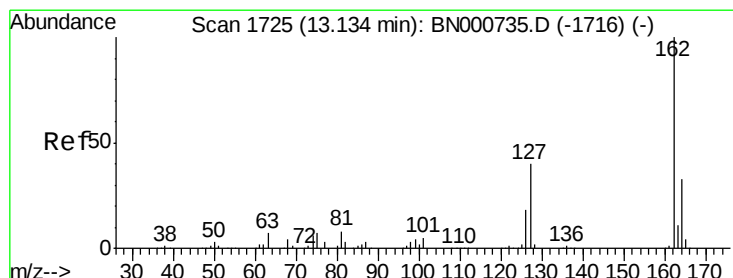
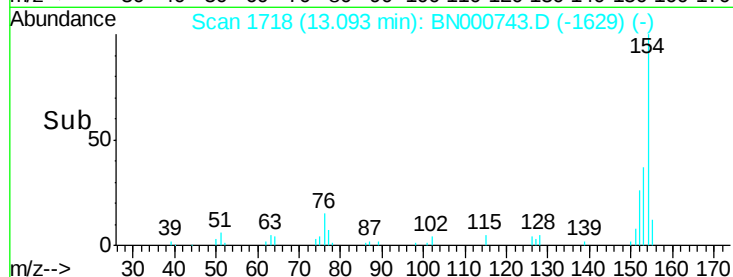
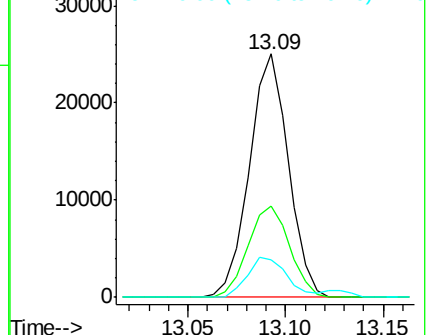
76 15.2 0.0 31.9



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): BNC



#46

2-Chloronaphthalene

Concen: 0.989 ng

RT: 13.13 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

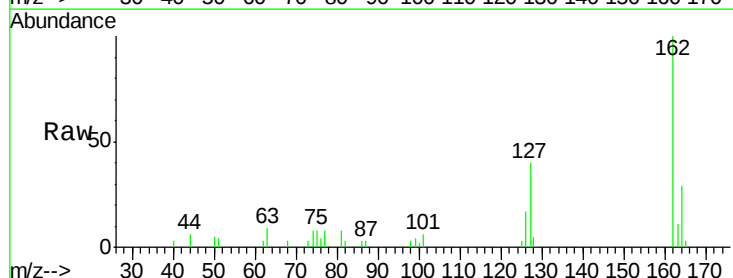
Tgt Ion:162 Resp: 22239

Ion Ratio Lower Upper

162 100

127 39.8 30.7 46.1

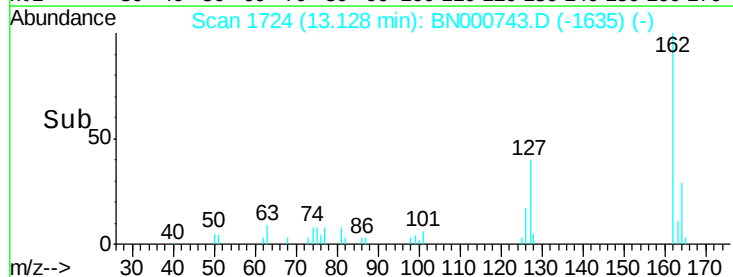
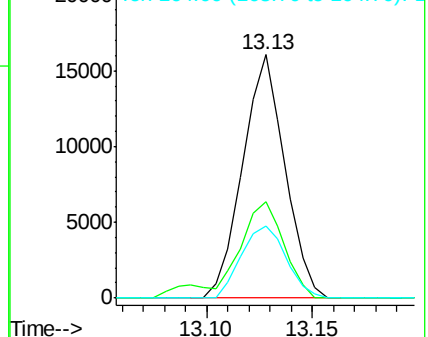
164 29.5 26.0 39.0

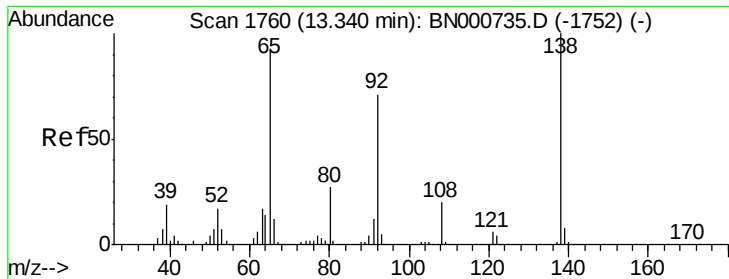


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.531 ng

RT: 13.33 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

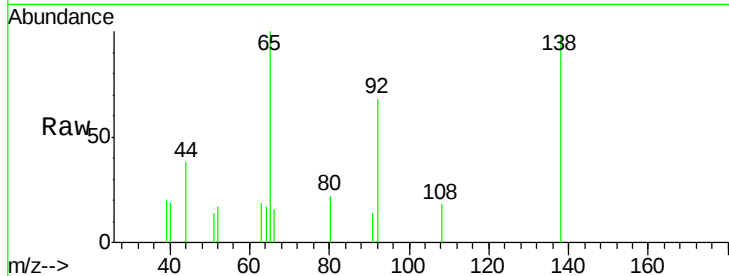
Tot Ion: 65 Resp: 3468

Ion Ratio Lower Upper

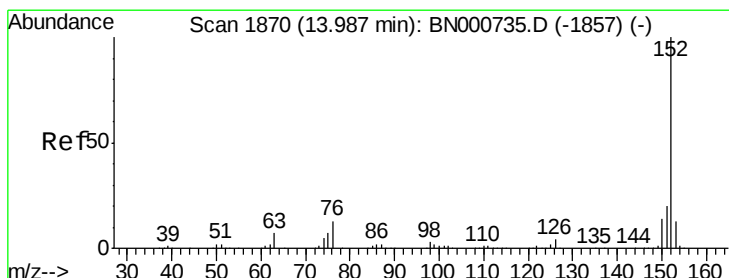
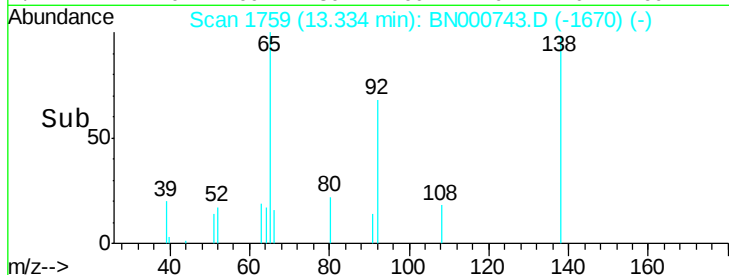
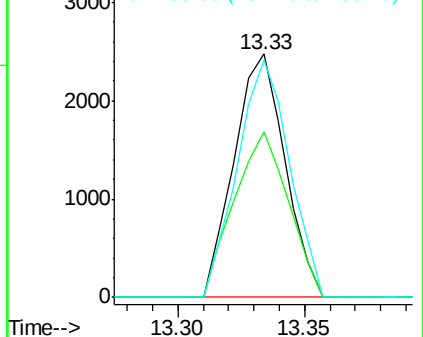
65 100

92 67.9 54.6 82.0

138 97.7 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): BNO



#48

Acenaphthylene

Concen: 0.833 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

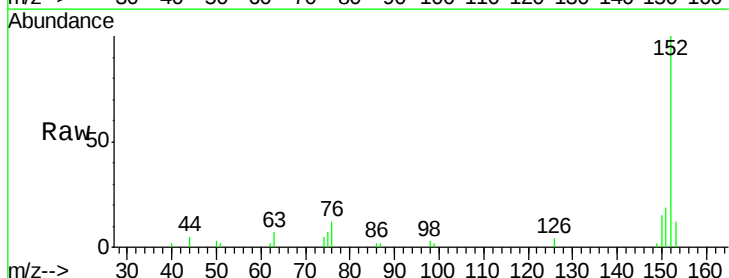
Tgt Ion: 152 Resp: 29700

Ion Ratio Lower Upper

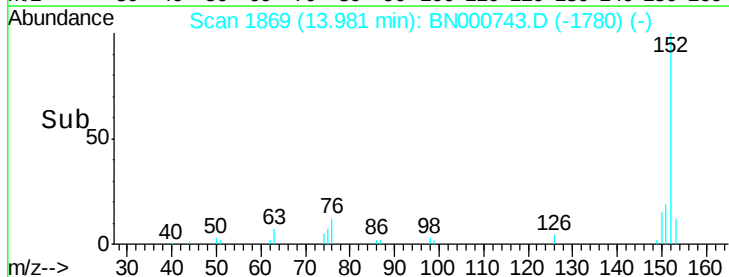
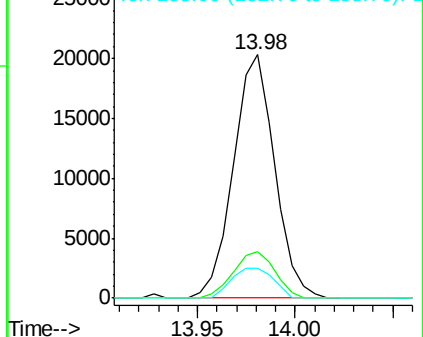
152 100

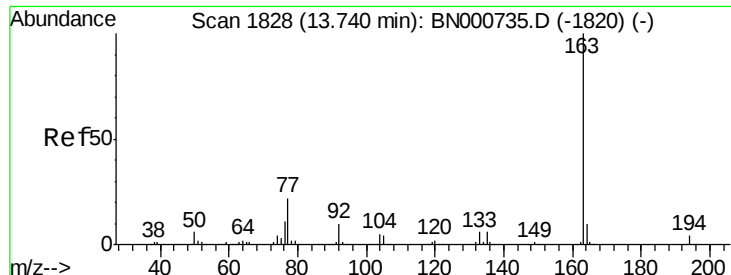
151 19.0 17.2 25.8

153 12.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.878 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

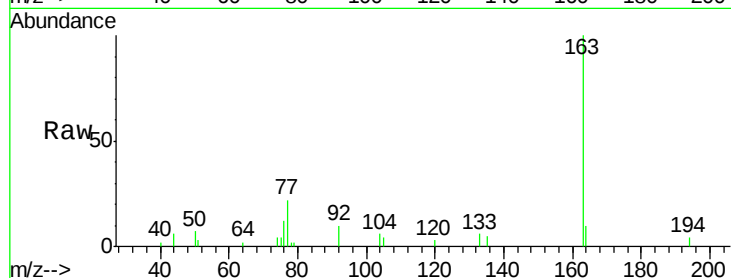
Tot Ion:163 Resp: 23524

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

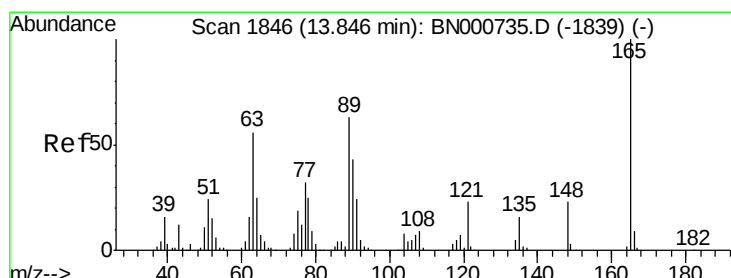
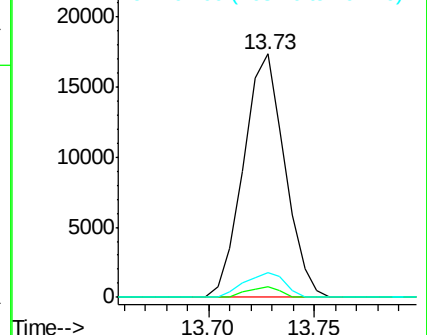
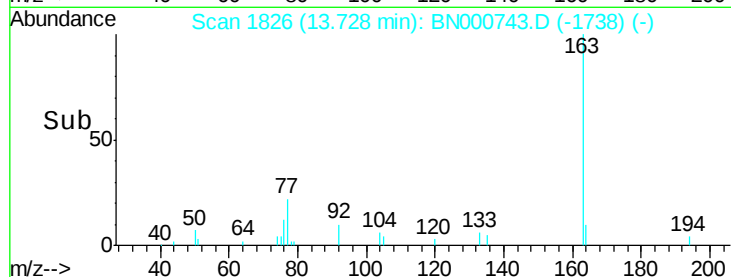
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.550 ng

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

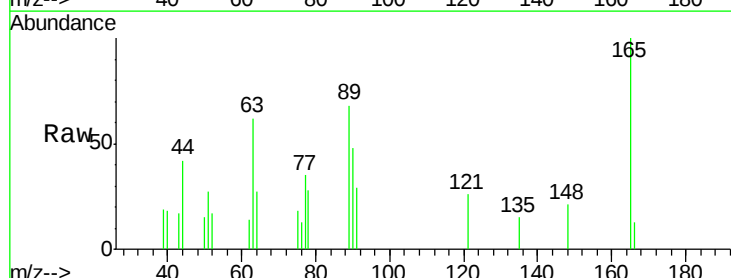
Tgt Ion:165 Resp: 3118

Ion Ratio Lower Upper

165 100

63 61.6 52.7 79.1

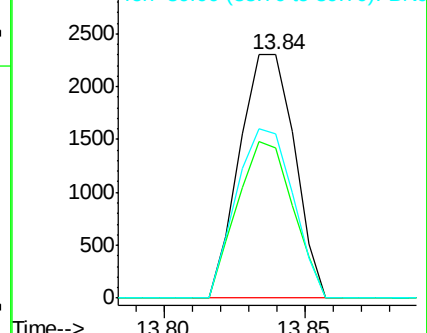
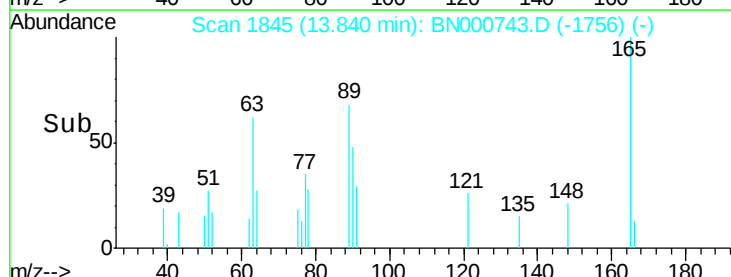
89 67.7 49.2 73.8

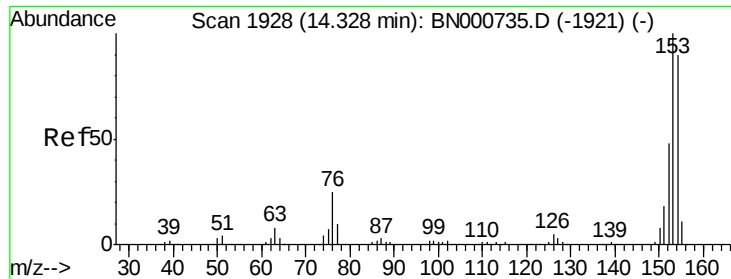


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 1.005 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

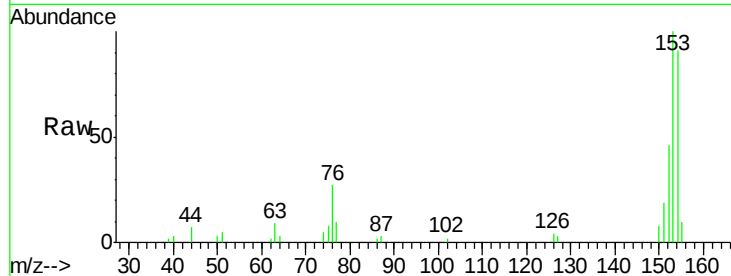
Tot Ion:154 Resp: 21838

Ion Ratio Lower Upper

154 100

153 109.6 90.4 135.6

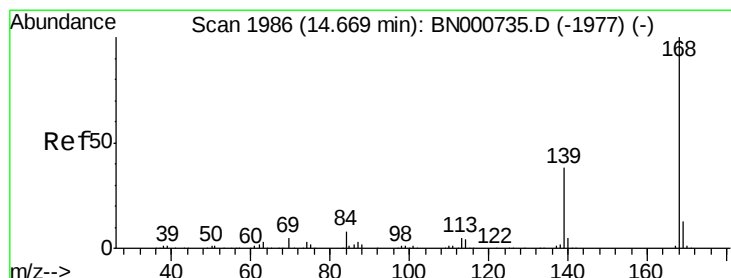
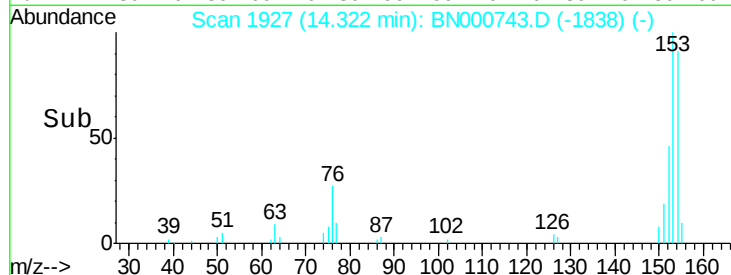
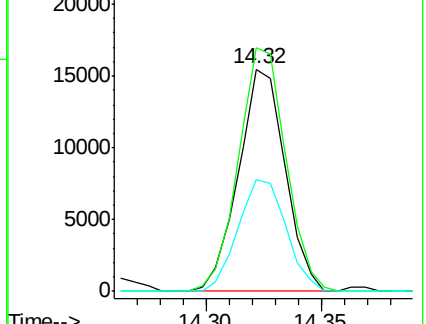
152 50.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.994 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

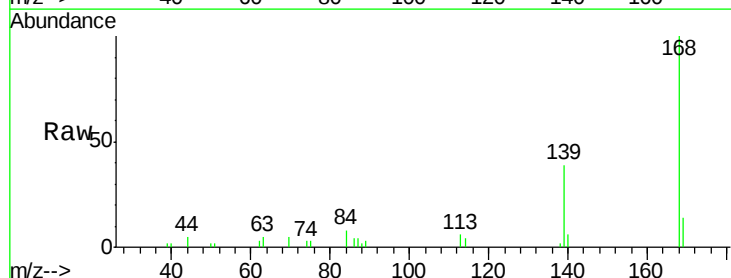
Tgt Ion:168 Resp: 31437

Ion Ratio Lower Upper

168 100

139 38.5 28.6 43.0

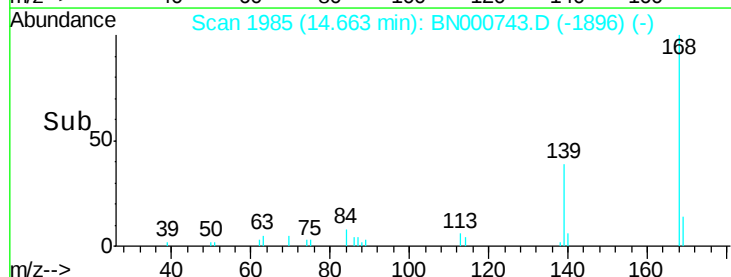
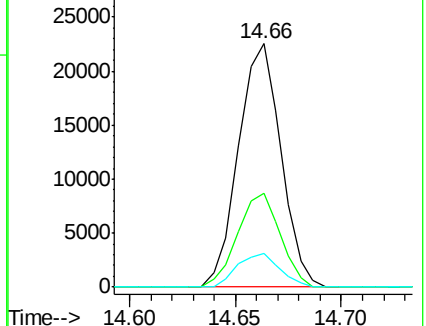
169 13.7 11.2 16.8

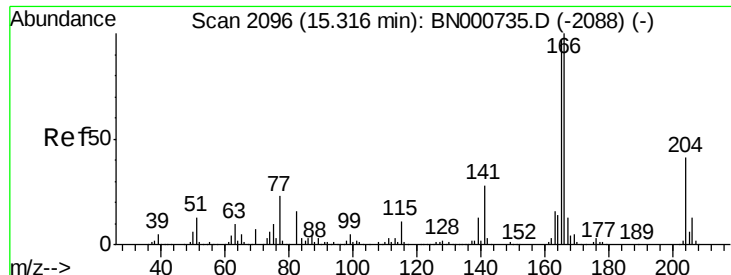


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

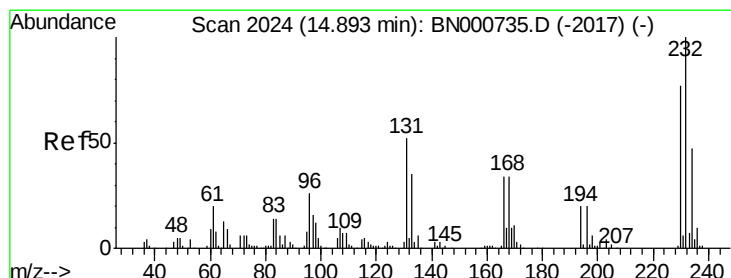
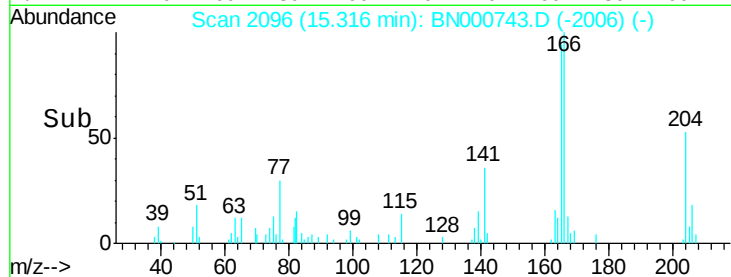
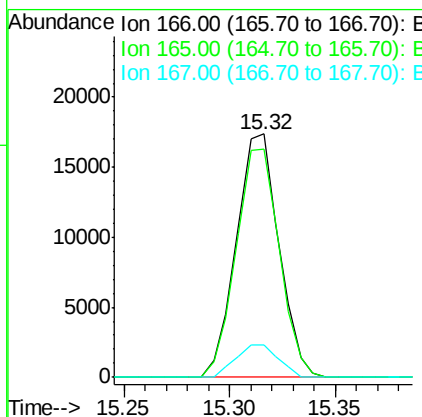
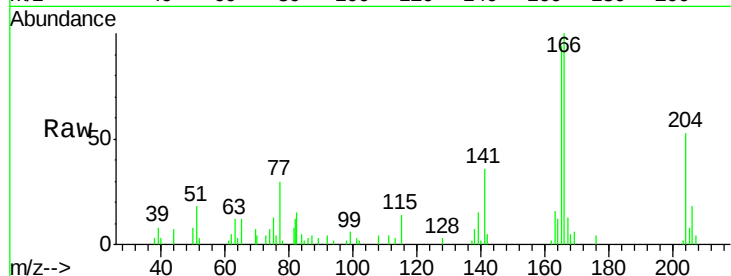




#57
Fluorene
 Concen: 0.972 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

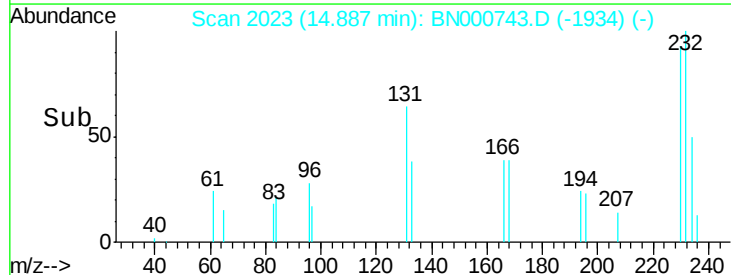
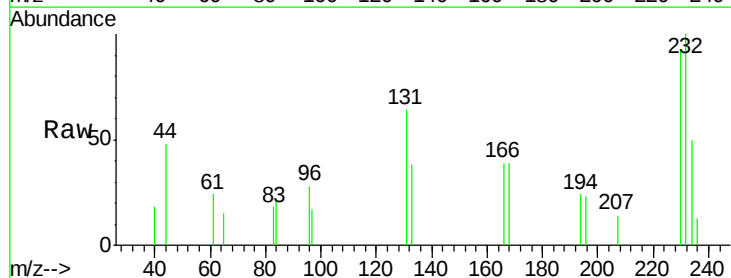
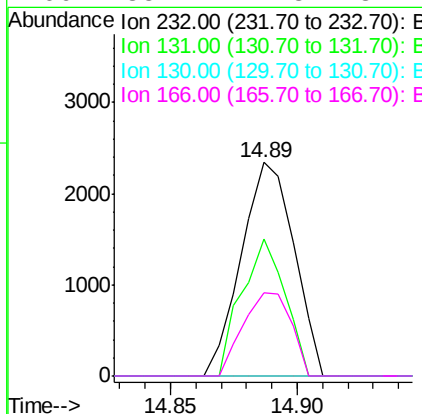
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

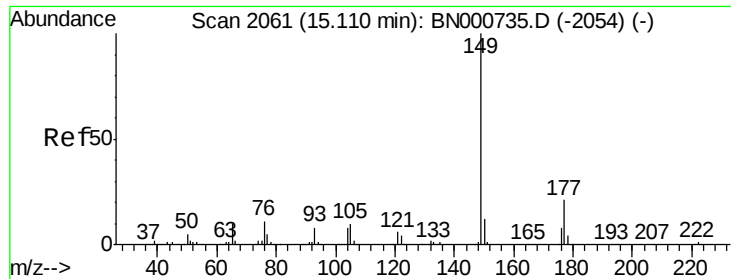
Tot Ion:166 Resp: 24321
 Ion Ratio Lower Upper
 166 100
 165 93.7 80.6 121.0
 167 13.2 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.605 ng
 RT: 14.89 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:232 Resp: 3388
 Ion Ratio Lower Upper
 232 100
 131 52.7 33.5 50.3#
 130 0.0 2.2 3.2#
 166 35.4 24.8 37.2

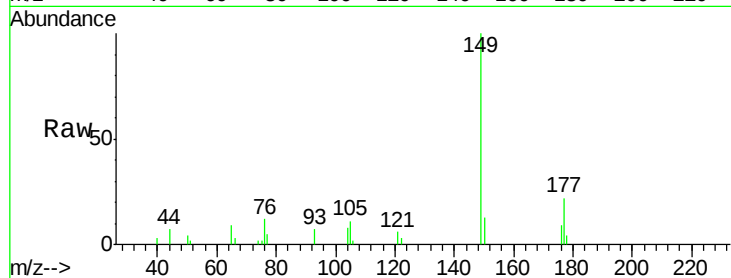




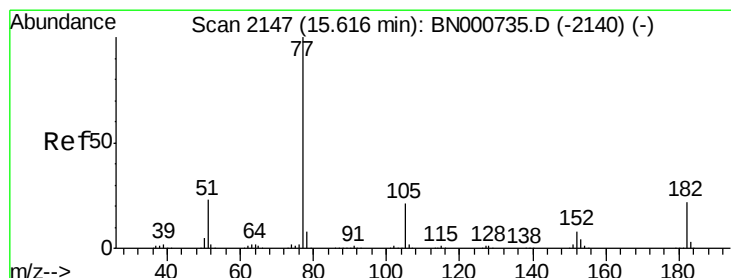
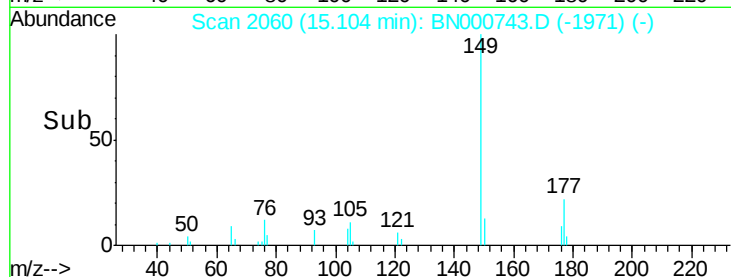
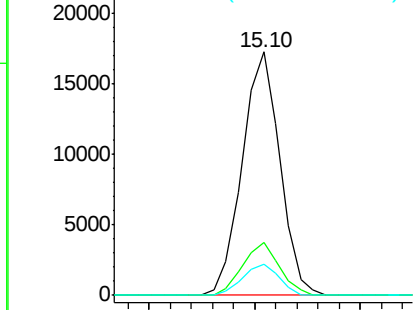
#59
Diethylphthalate
Concen: 0.805 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Tot Ion:149 Resp: 21377
Ion Ratio Lower Upper
149 100
177 21.9 18.5 27.7
150 12.6 10.2 15.2

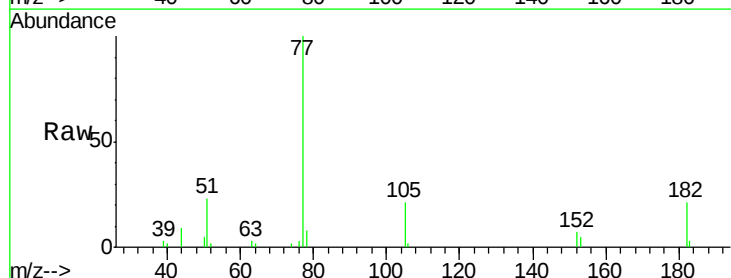


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

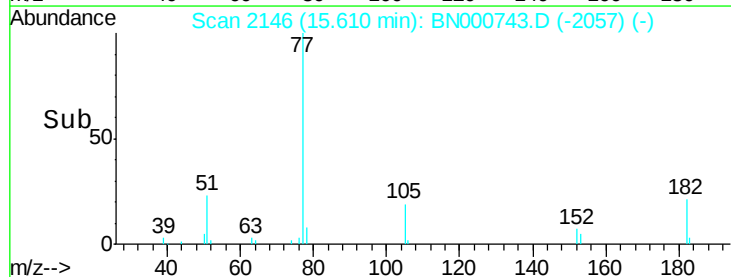
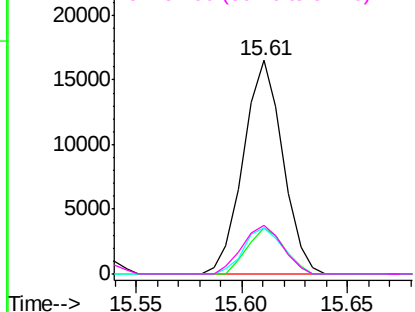


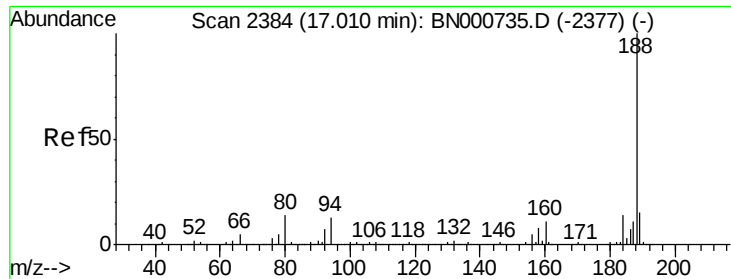
#62
Azobenzene
Concen: 0.755 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Tgt Ion: 77 Resp: 21469
Ion Ratio Lower Upper
77 100
182 21.4 7.4 47.4
105 21.5 0.3 40.3
51 22.6 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC

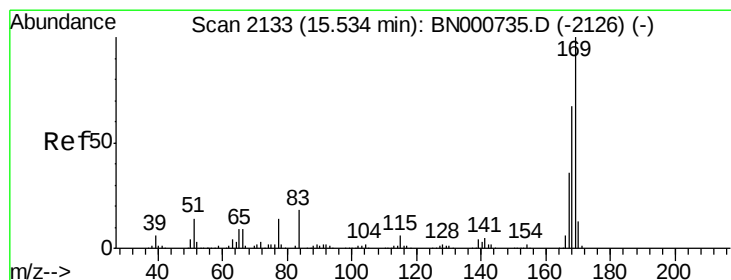
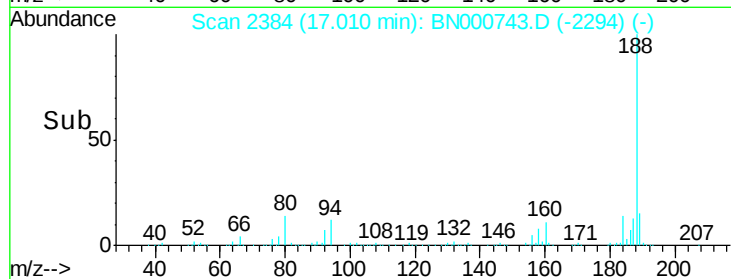
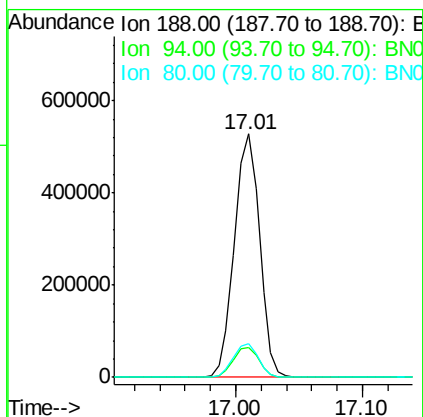
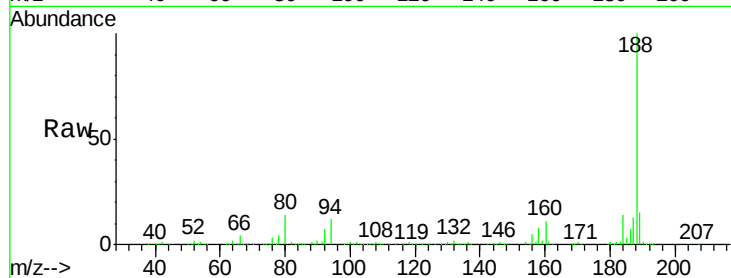




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.01 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

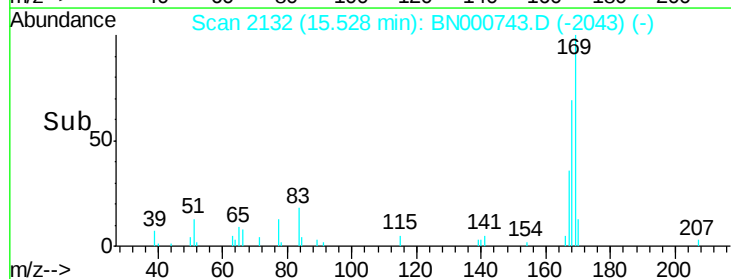
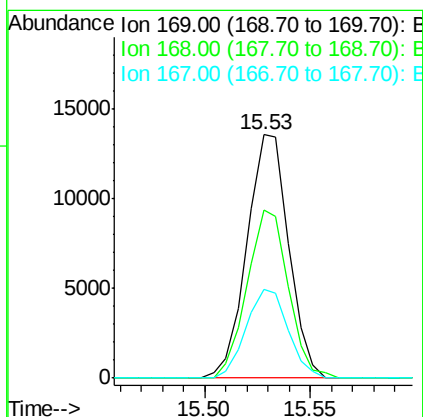
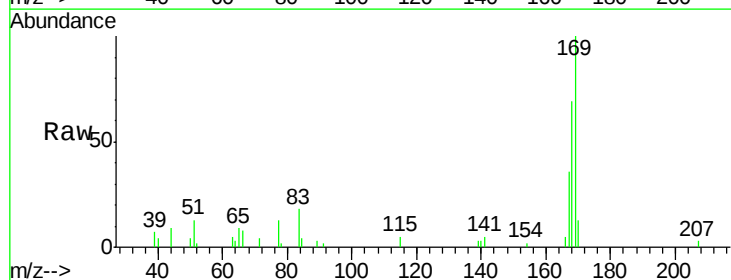
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

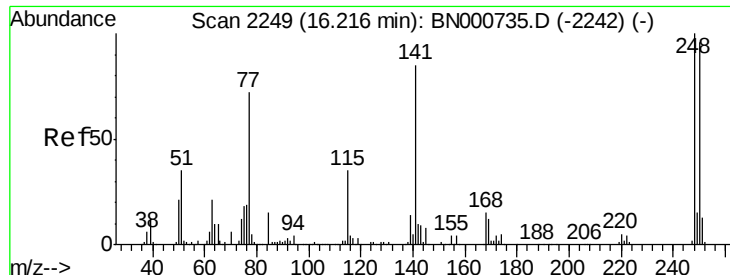
Tot Ion:188 Resp: 725129
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.9 10.3#
 80 14.1 7.7 11.5#



#65
 n-Nitrosodiphenylamine
 Concen: 0.765 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:169 Resp: 18628
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.7 83.5
 167 36.4 30.1 45.1

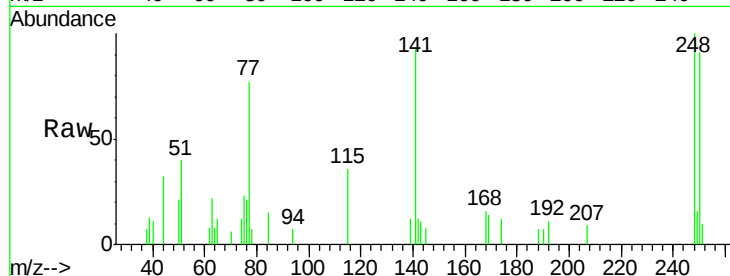




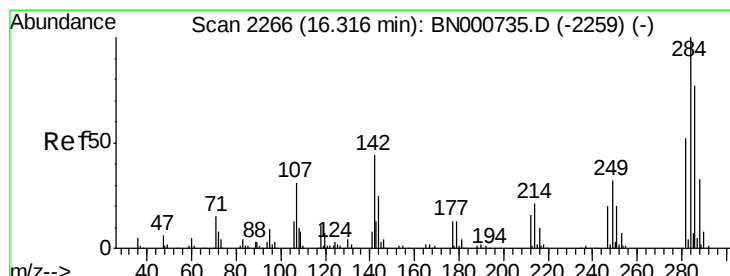
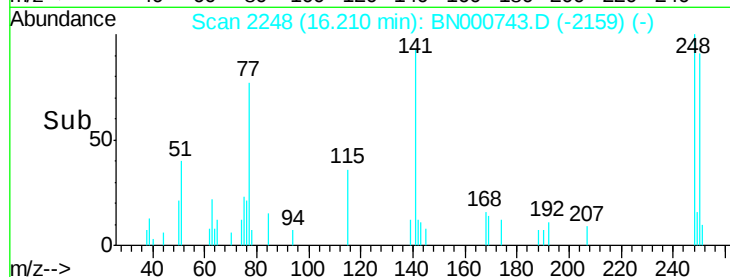
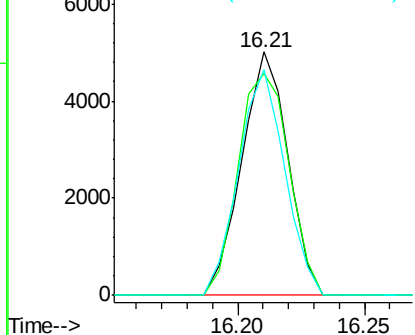
#66
4-Bromophenyl-phenylether
Concen: 0.862 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2018

Tot Ion:248 Resp: 6354
Ion Ratio Lower Upper
248 100
250 91.3 77.1 115.7
141 92.7 50.8 76.2#

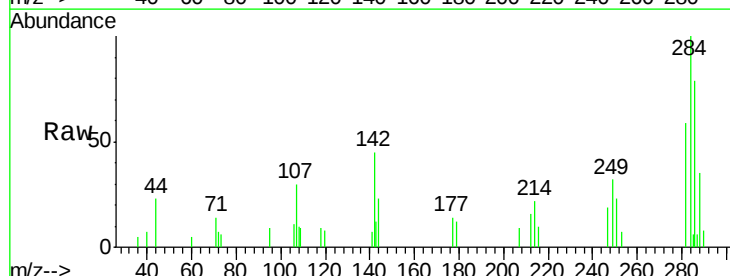


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

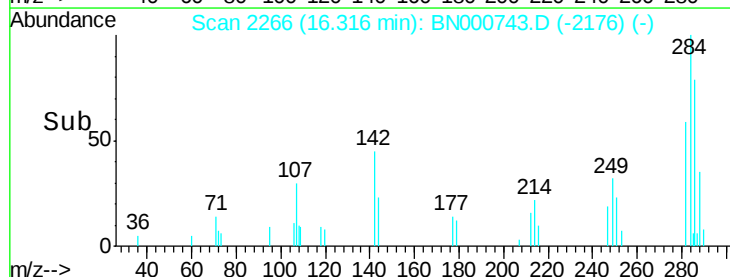
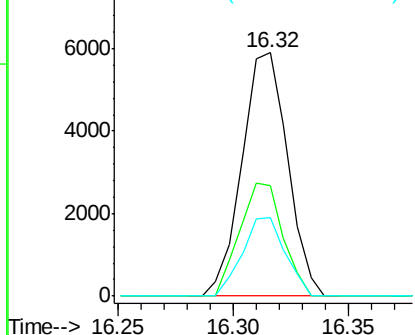


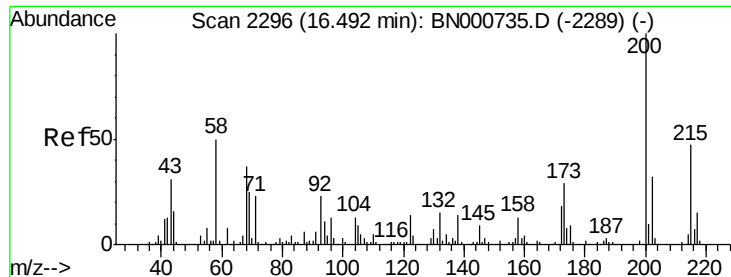
#67
Hexachlorobenzene
Concen: 0.955 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BN000743.D
Acq: 18 Apr 2018 17:22

Tgt Ion:284 Resp: 8150
Ion Ratio Lower Upper
284 100
142 45.5 26.8 40.2#
249 32.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

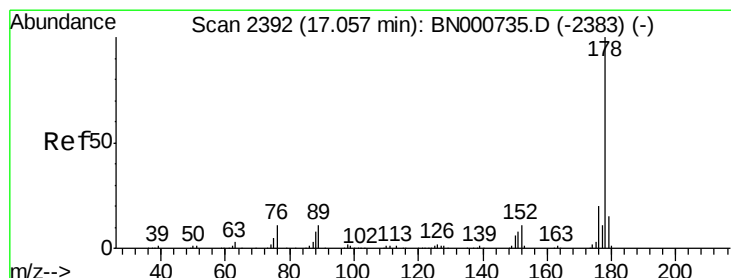
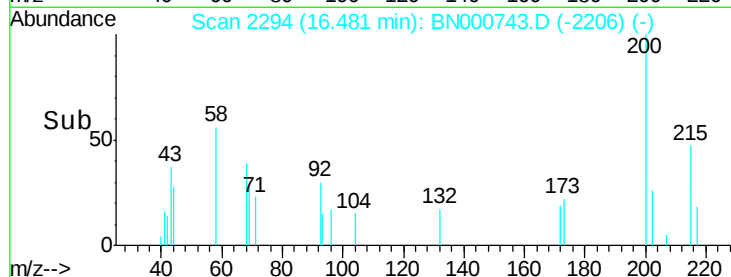
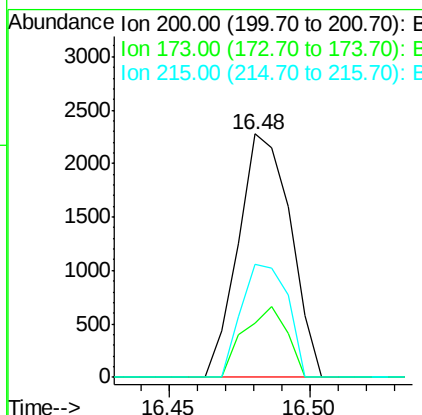
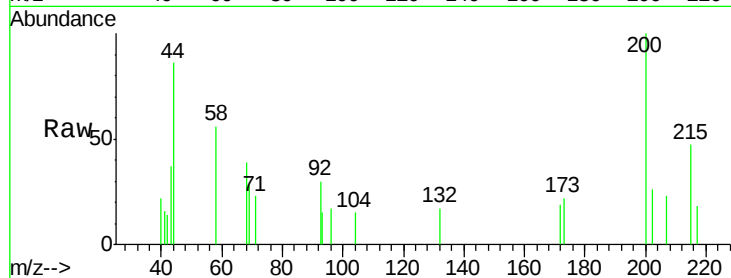




#68
 Atrazine
 Concen: 0.443 ng
 RT: 16.48 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

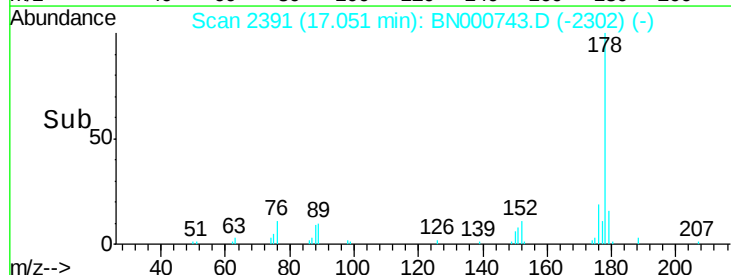
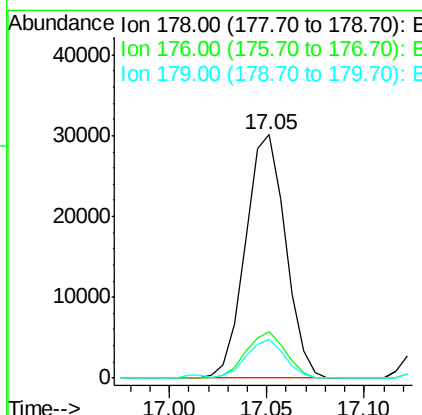
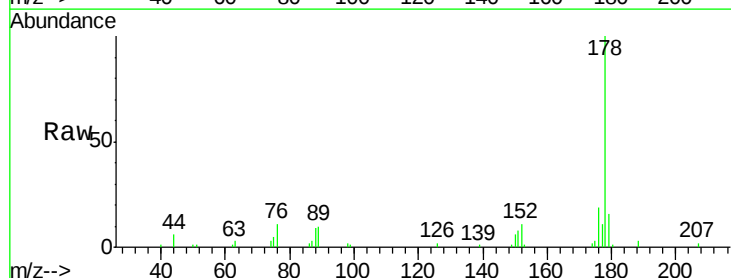
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

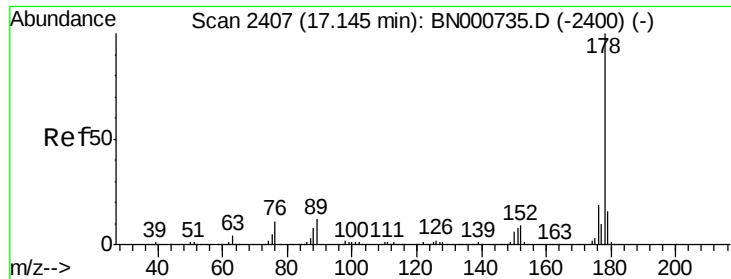
Tot Ion:200 Resp: 2925
 Ion Ratio Lower Upper
 200 100
 173 22.0 5.2 45.2
 215 46.7 30.4 70.4



#70
 Phenanthrene
 Concen: 1.016 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:178 Resp: 42684
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.7 23.5
 179 15.7 12.5 18.7

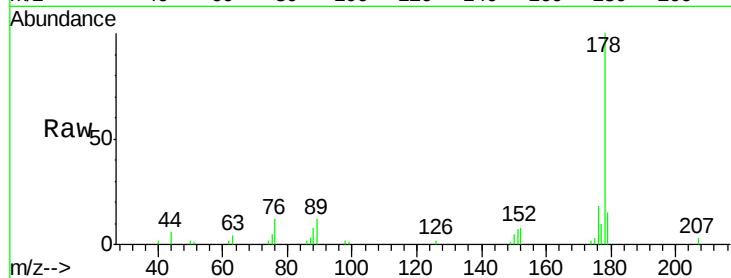




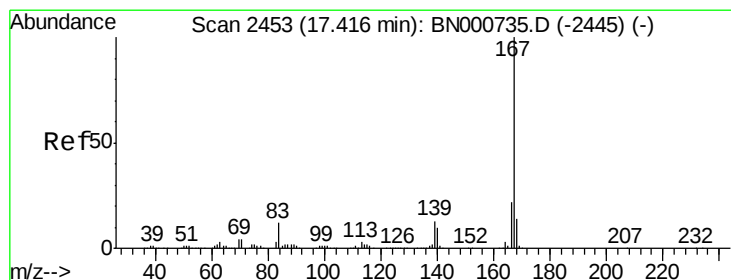
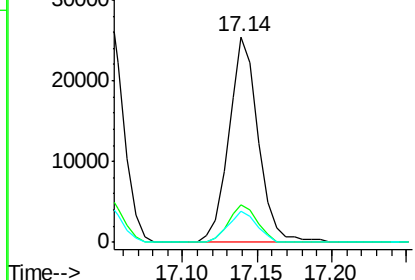
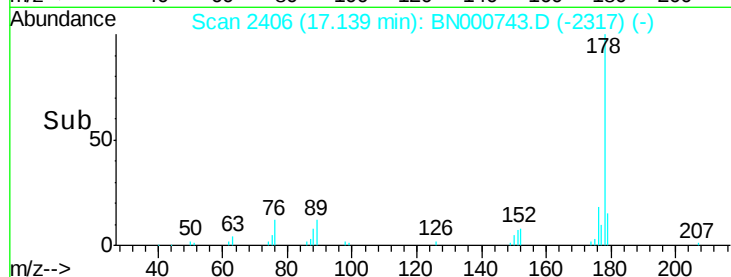
#71
 Anthracene
 Concen: 0.852 ng
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Tot Ion:178 Resp: 35059
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.0 24.0
 179 15.4 12.5 18.7

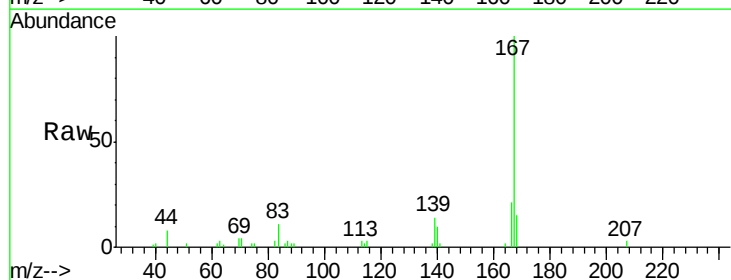


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

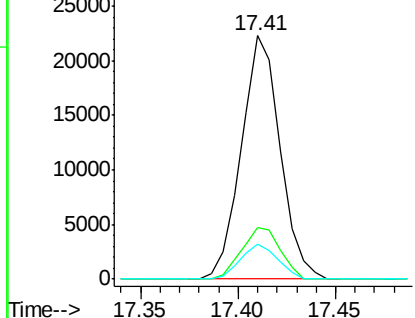
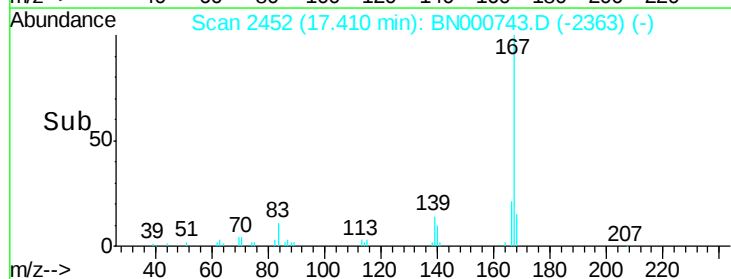


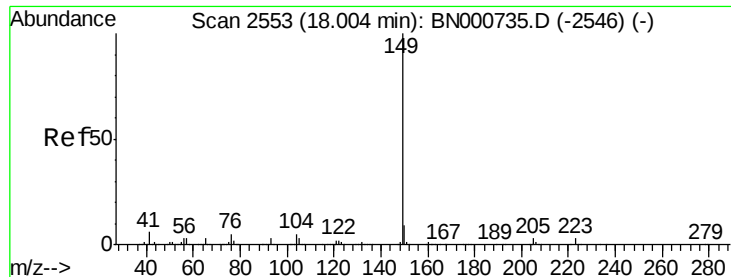
#72
 Carbazole
 Concen: 0.793 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:167 Resp: 30669
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 14.2 9.4 14.2#



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





#73

Di-n-butylphthalate

Concen: 0.594 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

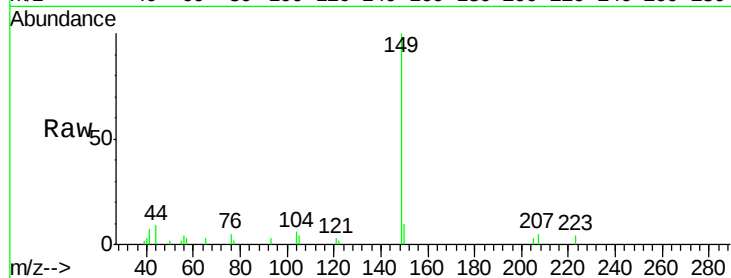
Tot Ion:149 Resp: 26169

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

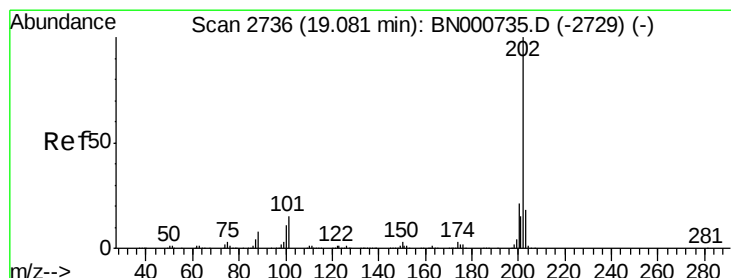
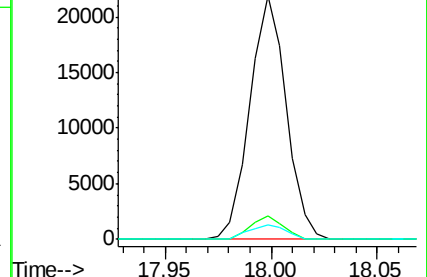
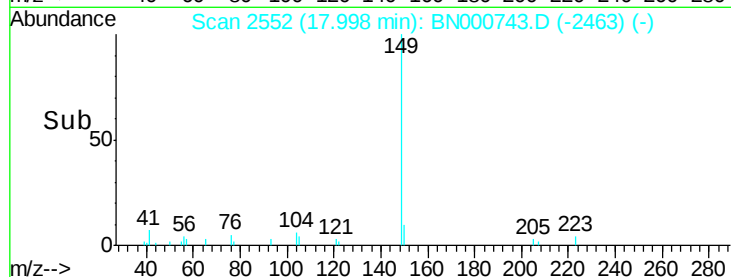
104 6.1 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.880 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

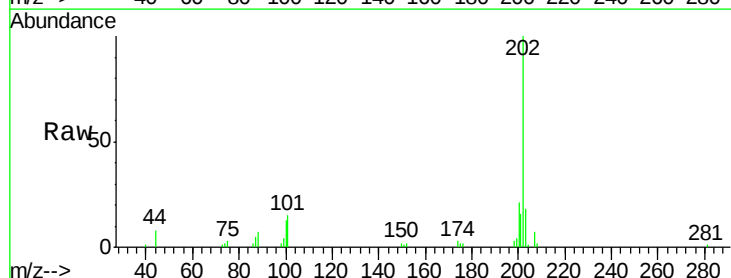
Tgt Ion:202 Resp: 37236

Ion Ratio Lower Upper

202 100

101 15.0 0.0 28.9

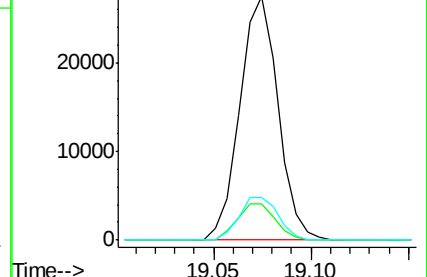
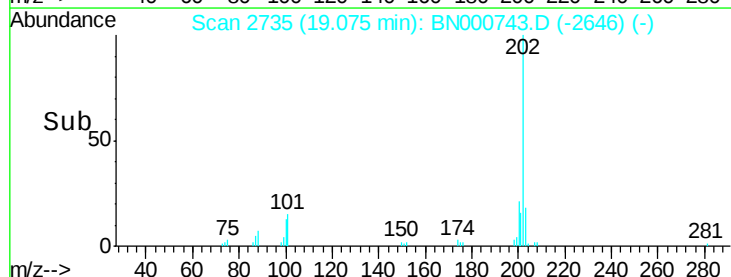
203 17.6 0.0 37.5

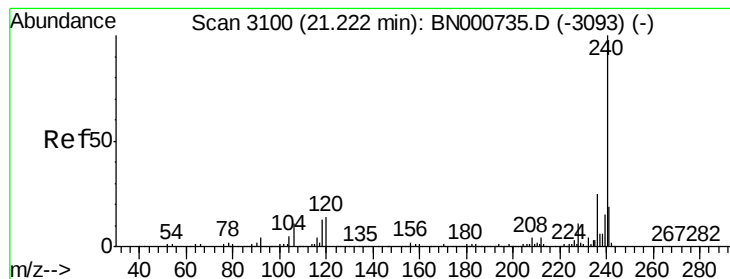


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

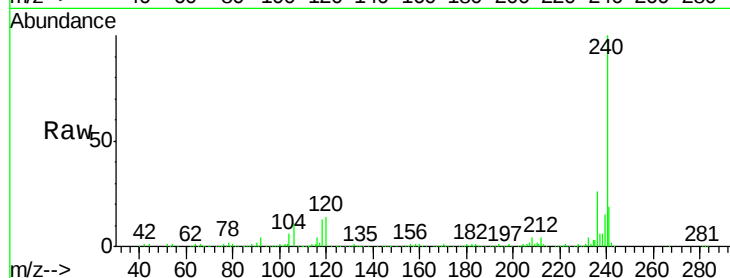
Tot Ion:240 Resp: 733744

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

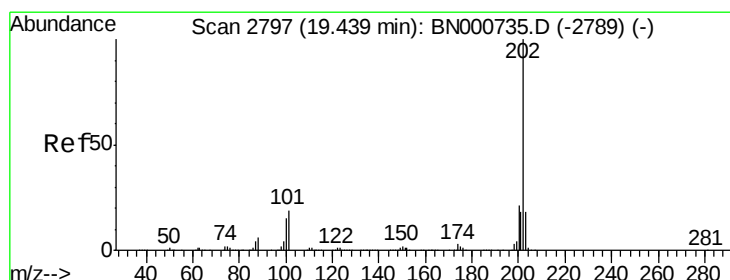
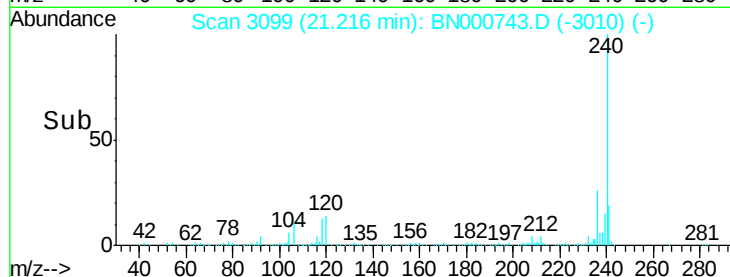
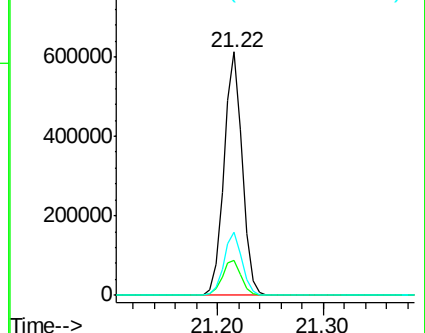
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.772 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

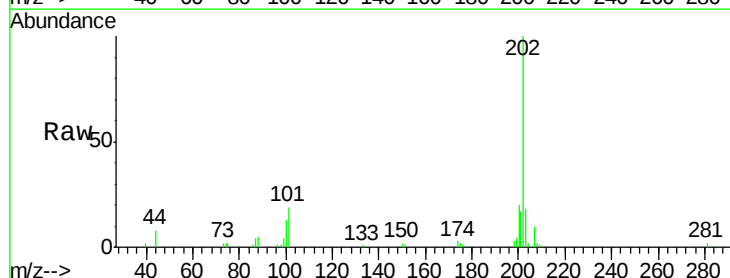
Tgt Ion:202 Resp: 40824

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

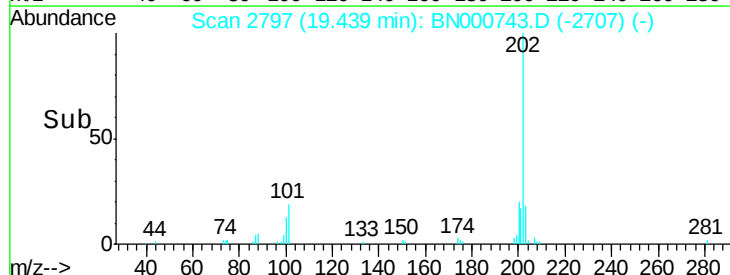
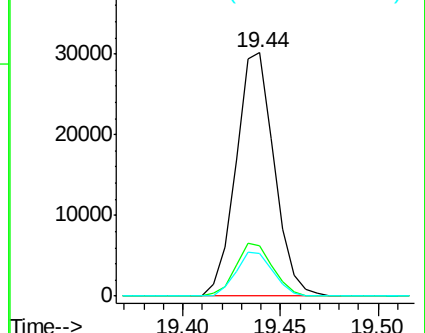
203 17.7 13.9 20.9

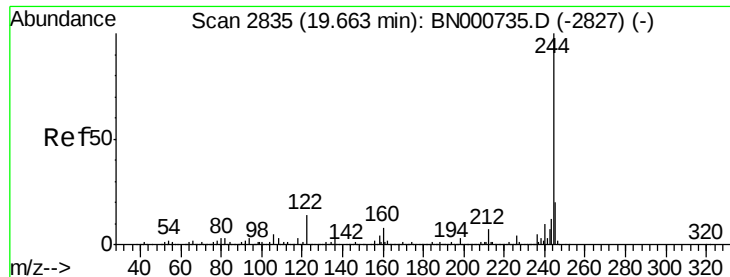


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.086 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

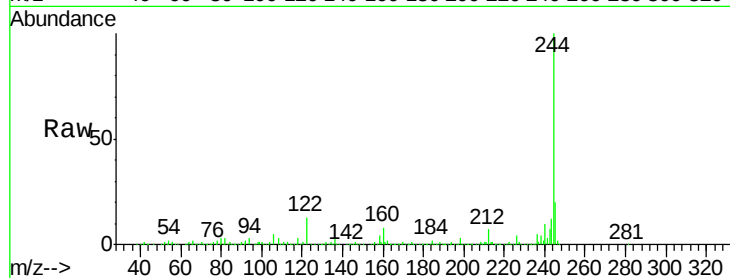
Tot Ion:244 Resp: 2623272

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

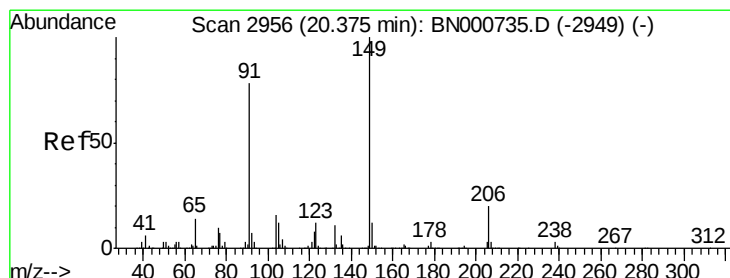
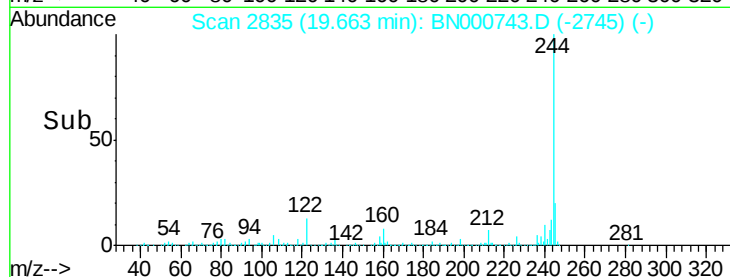
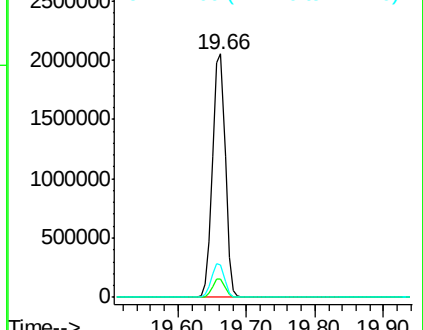
122 13.2 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.401 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

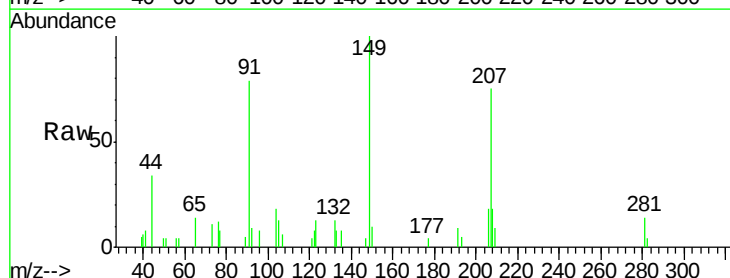
Tgt Ion:149 Resp: 8935

Ion Ratio Lower Upper

149 100

91 79.3 62.2 93.2

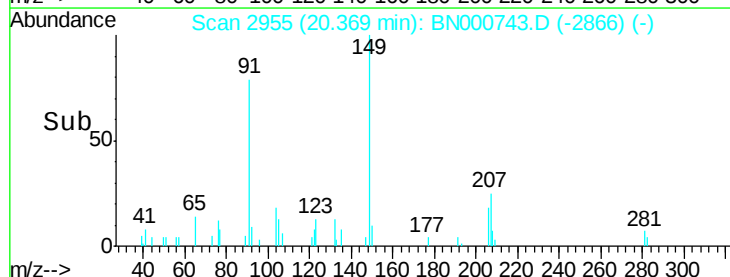
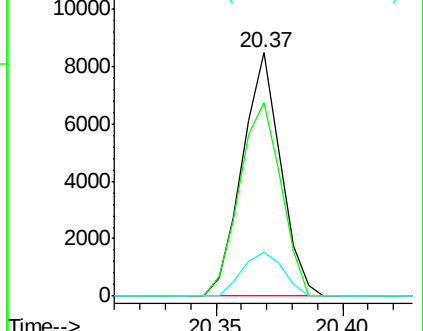
206 18.1 18.6 27.8#

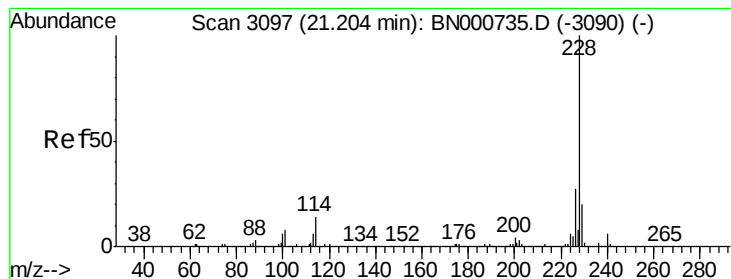


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.906 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

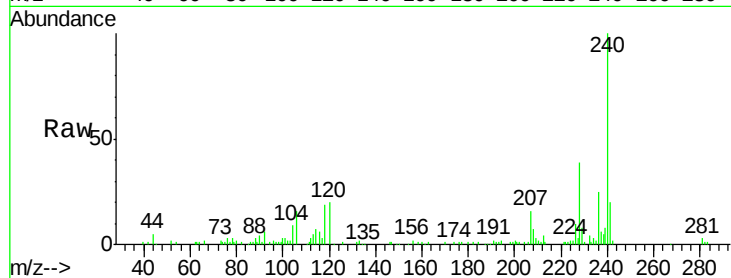
Tot Ion:228 Resp: 41896

Ion Ratio Lower Upper

228 100

226 26.9 22.7 34.1

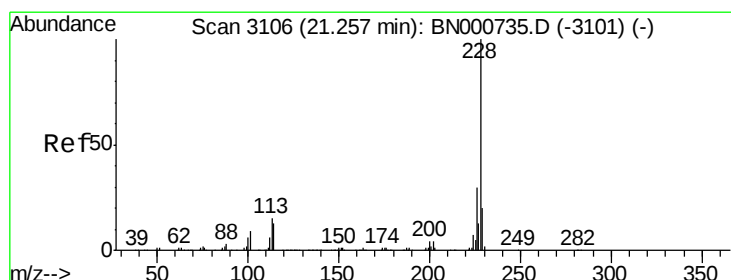
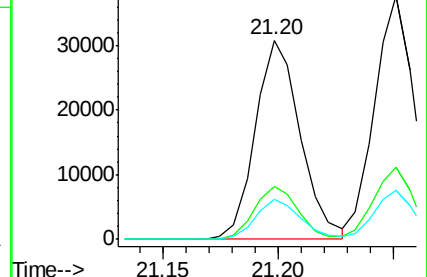
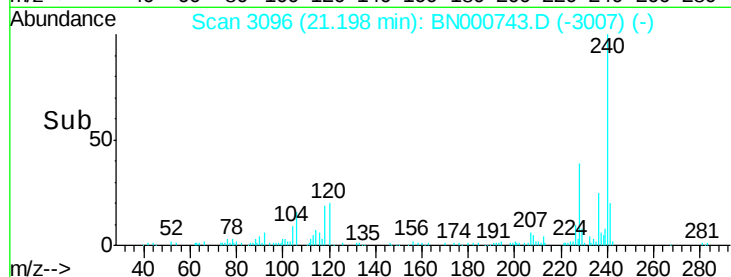
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 1.005 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

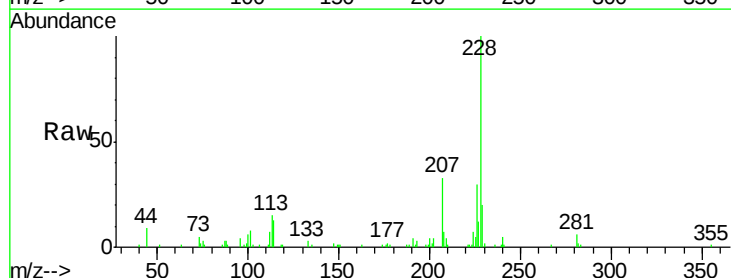
Tgt Ion:228 Resp: 45013

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

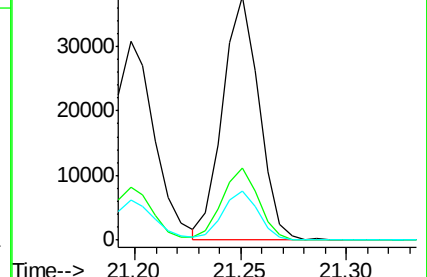
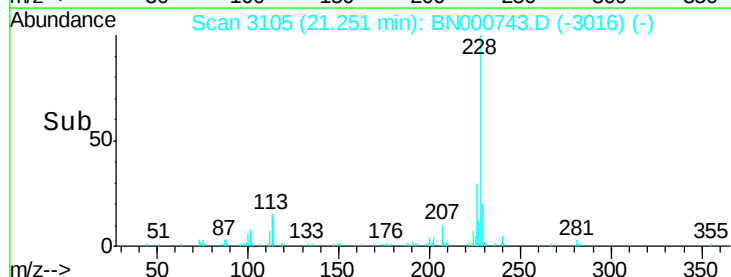
229 20.0 15.0 22.4

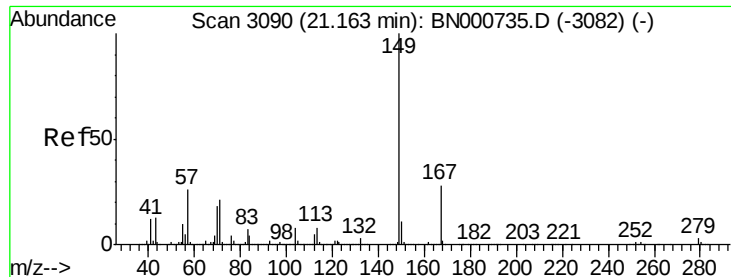


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

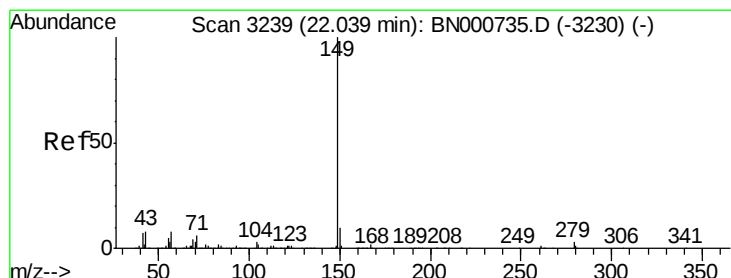
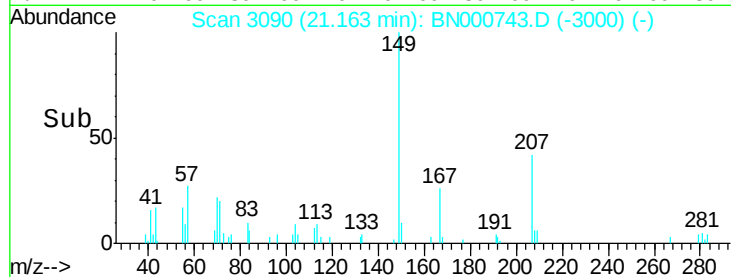
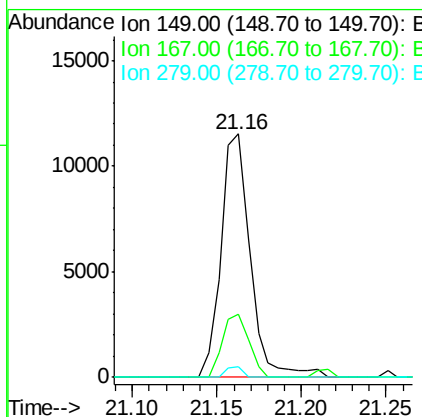
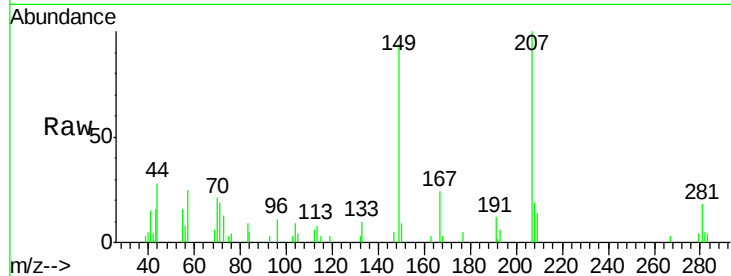




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.410 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

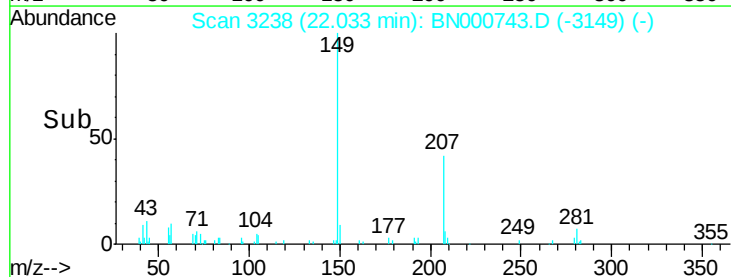
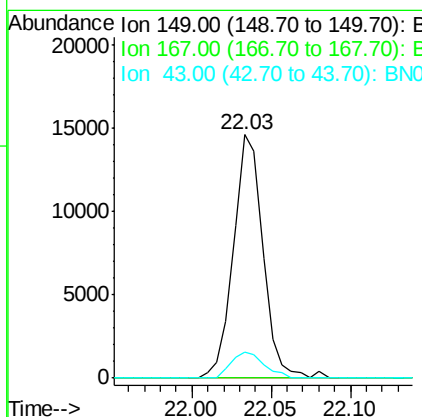
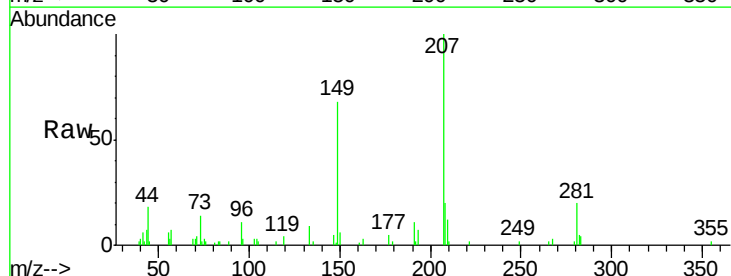
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

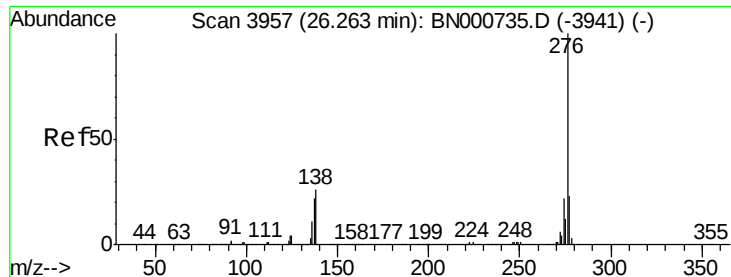
Tot Ion:149 Resp: 13945
 Ion Ratio Lower Upper
 149 100
 167 25.7 24.3 36.5
 279 4.3 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 0.389 ng
 RT: 22.03 min Scan# 3238
 Delta R.T. -0.01 min
 Lab File: BN000743.D
 Acq: 18 Apr 2018 17:22

Tgt Ion:149 Resp: 18910
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 11.9 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.715 ng

RT: 26.24 min Scan# 3953

Delta R.T. -0.02 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

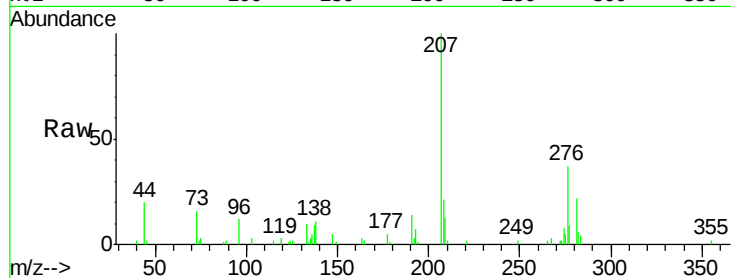
Tot Ion:276 Resp: 27522

Ion Ratio Lower Upper

276 100

138 26.8 16.0 24.0#

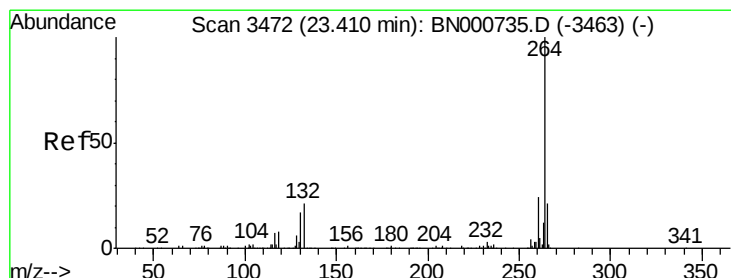
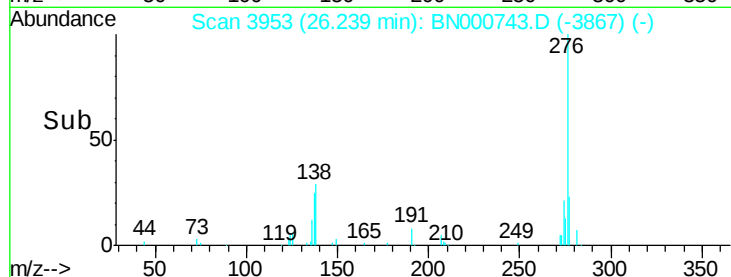
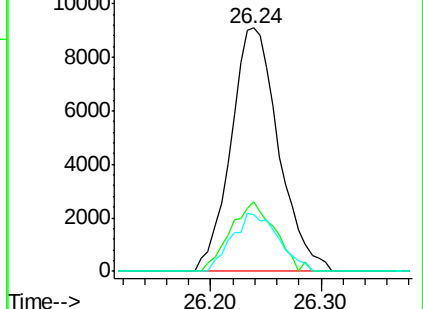
277 23.2 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

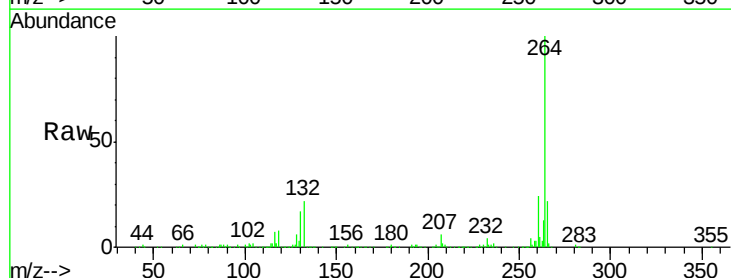
Tgt Ion:264 Resp: 721099

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

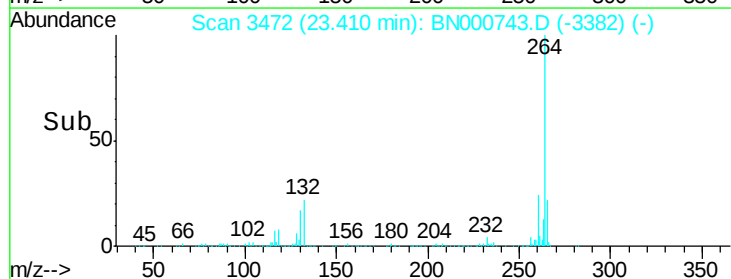
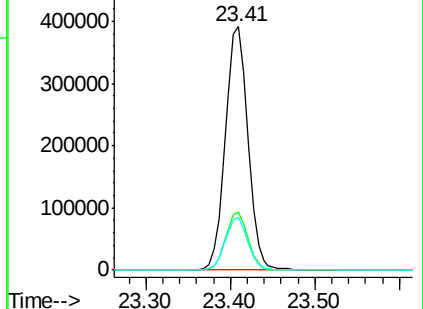
265 21.8 17.7 26.5

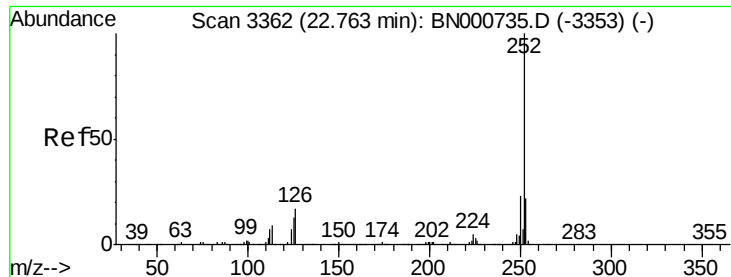


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.822 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

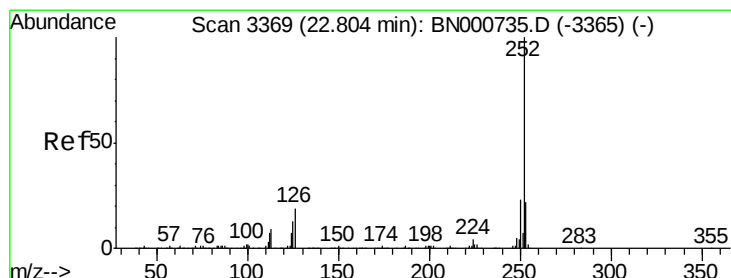
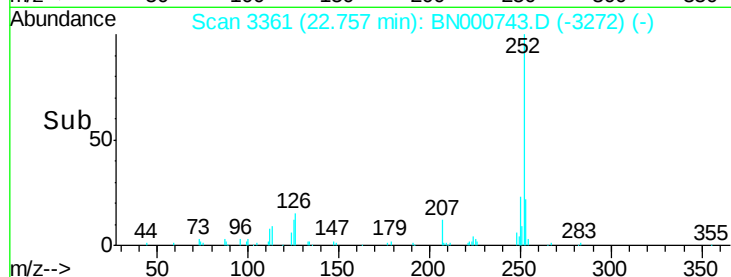
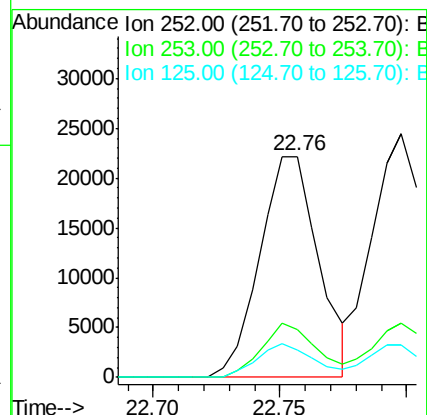
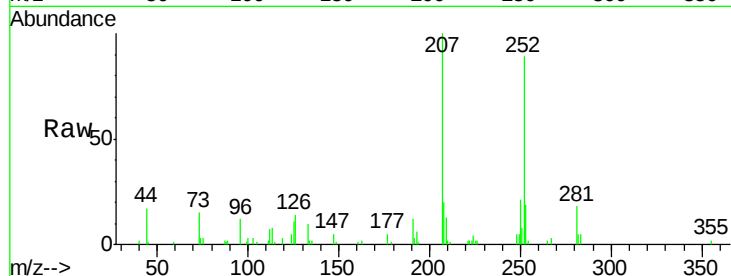
Tot Ion:252 Resp: 36003

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

125 12.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 0.863 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

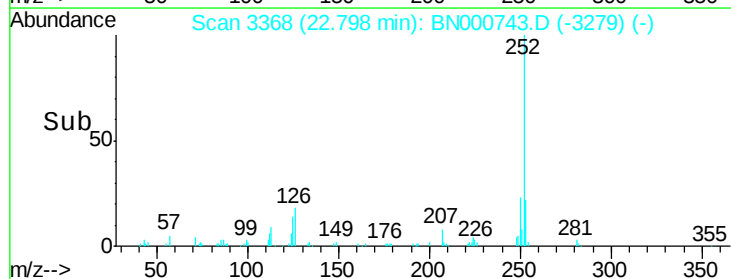
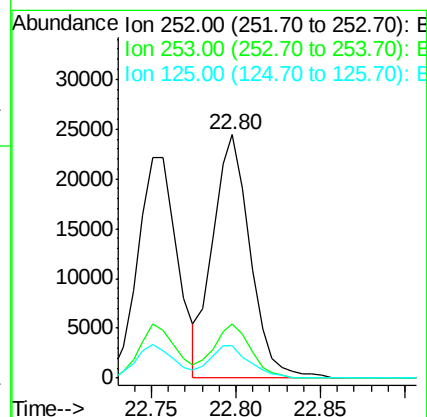
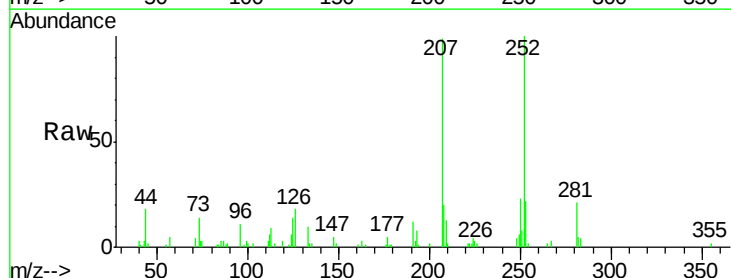
Tgt Ion:252 Resp: 37660

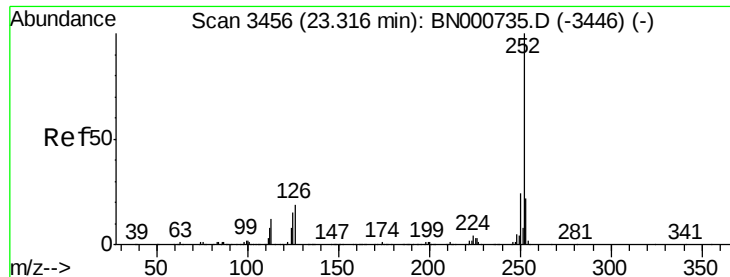
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 13.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 0.752 ng

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

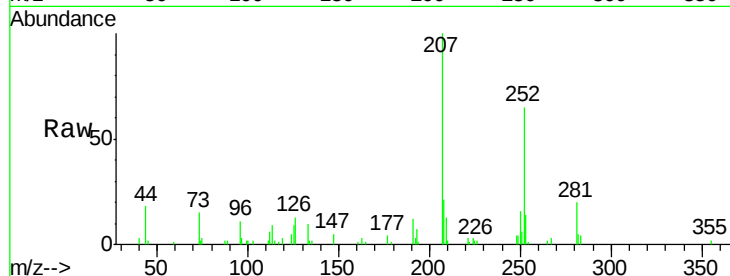
Tot Ion:252 Resp: 30085

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

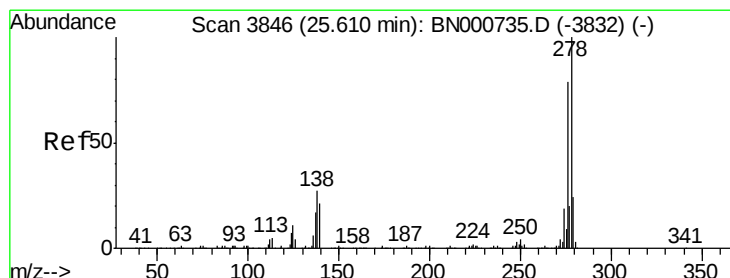
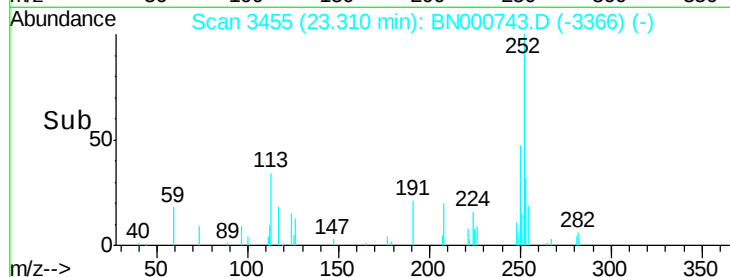
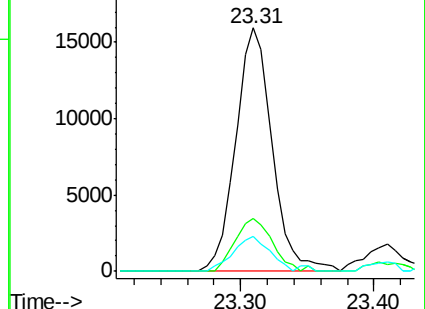
125 14.5 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.697 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

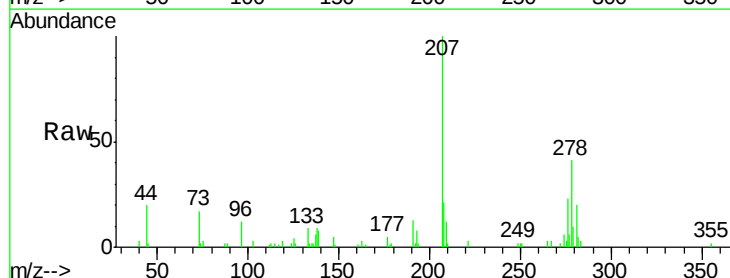
Tgt Ion:278 Resp: 27451

Ion Ratio Lower Upper

278 100

139 20.2 9.8 14.6#

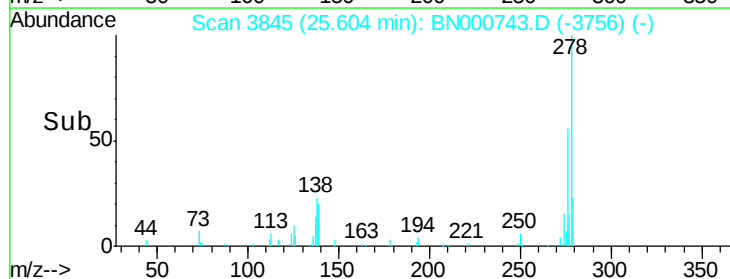
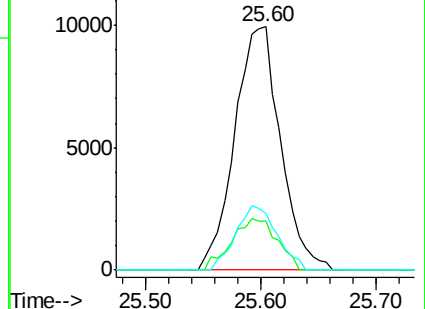
279 23.3 18.4 27.6

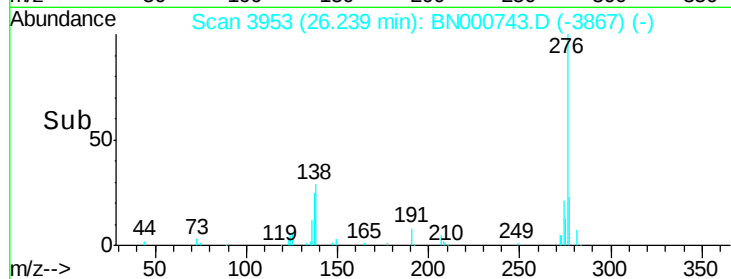
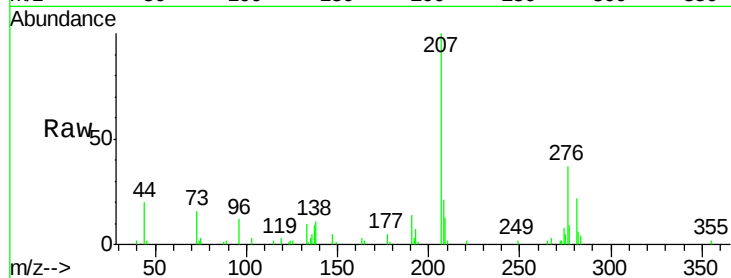
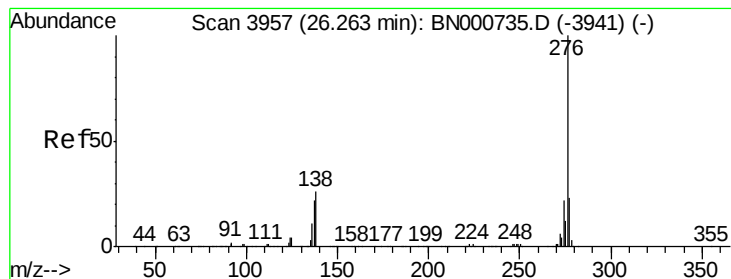


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.716 ng

RT: 26.24 min Scan# 3953

Delta R.T. -0.02 min

Lab File: BN000743.D

Acq: 18 Apr 2018 17:22

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2018

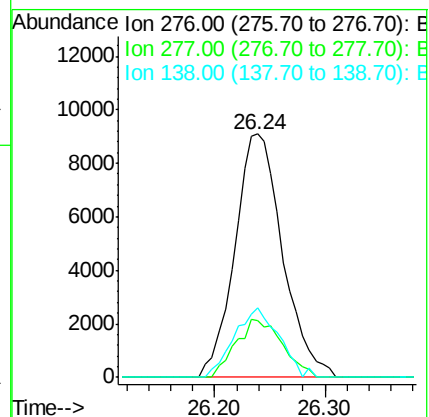
Tot Ion:276 Resp: 27522

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 28.6 13.9 20.9#



Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000743.D
 Acq On : 18 Apr 2018 17:22
 Operator : JU/SJ
 Sample : J2133-01
 Misc : 1PPM LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Quant Time: Apr 19 04:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	139645	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	617946	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	335152	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	725129	20.00	ng	0.00
75) Chrysene-d12	21.22	240	733744	20.00	ng	0.00
86) Perylene-d12	23.41	264	721099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1247025	132.65	ng	0.00
7) Phenol-d6	6.82	99	1691470	132.04	ng	0.00
23) Nitrobenzene-d5	8.78	82	954325	80.51	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	519483	153.97	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1946899	80.19	ng	0.00
78) Terphenyl-d14	19.66	244	2623272	77.09	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.98	93	15313	0.901	ng	93
8) 2-Chlorophenol	7.20	128	9852	1.013	ng	98
9) Benzaldehyde	6.79	77	6692	Below Cal		98
10) Phenol	6.84	94	13288	0.984	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	10721	0.970	ng	# 83
12) 1,3-Dichlorobenzene	7.52	146	11635	1.030	ng	99
13) 1,4-Dichlorobenzene	7.67	146	11342	0.989	ng	98
14) 1,2-Dichlorobenzene	7.98	146	11005	1.006	ng	93
15) Benzyl Alcohol	7.87	79	6831	0.775	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	11566	0.986	ng	75
18) Hexachloroethane	8.70	117	3843	0.910	ng	# 83
24) Nitrobenzene	8.82	77	12473	0.981	ng	95
31) Naphthalene	10.45	128	33996	1.023	ng	97
34) Hexachlorobutadiene	10.74	225	5305	0.968	ng	96
37) 2-Methylnaphthalene	12.06	142	21368	0.982	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	10194	0.981	ng	# 97
45) 1,1'-Biphenyl	13.09	154	34585	1.153	ng	95
46) 2-Chloronaphthalene	13.13	162	22239	0.989	ng	96
47) 2-Nitroaniline	13.33	65	3468	0.531	ng	96
48) Acenaphthylene	13.98	152	29700	0.833	ng	96
49) Dimethylphthalate	13.73	163	23524	0.878	ng	100
50) 2,6-Dinitrotoluene	13.84	165	3118	0.550	ng	93
51) Acenaphthene	14.32	154	21838	1.005	ng	97
54) Dibenzofuran	14.66	168	31437	0.994	ng	96
57) Fluorene	15.32	166	24321	0.972	ng	94
58) 2,3,4,6-Tetrachlorophenol	14.89	232	3388	0.605	ng	# 87
59) Diethylphthalate	15.10	149	21377	0.805	ng	98
62) Azobenzene	15.61	77	21469	0.755	ng	89
65) n-Nitrosodiphenylamine	15.53	169	18628	0.765	ng	99
66) 4-Bromophenyl-phenylether	16.21	248	6354	0.862	ng	# 82
67) Hexachlorobenzene	16.32	284	8150	0.955	ng	# 89
68) Atrazine	16.48	200	2925	0.443	ng	94
70) Phenanthrene	17.05	178	42684	1.016	ng	99
71) Anthracene	17.14	178	35059	0.852	ng	98

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000743.D
 Acq On : 18 Apr 2018 17:22
 Operator : JU/SJ
 Sample : J2133-01
 Misc : 1PPM LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018

Quant Time: Apr 19 04:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	17.41	167	30669	0.793	nq	# 96
73) Di-n-butylphthalate	18.00	149	26169	0.594	nq	# 99
74) Fluoranthene	19.07	202	37236	0.880	nq	94
77) Pyrene	19.44	202	40824	0.772	nq	99
79) Butylbenzylphthalate	20.37	149	8935	0.401	nq	# 96
80) Benzo(a)anthracene	21.20	228	41896	0.906	nq	98
82) Chrysene	21.25	228	45013	1.005	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	13945	0.410	nq	92
84) Di-n-octyl phthalate	22.03	149	18910	0.389	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.24	276	27522	0.715	nq	# 91
87) Benzo(b)fluoranthene	22.76	252	36003	0.822	nq	# 96
88) Benzo(k)fluoranthene	22.80	252	37660	0.863	nq	# 95
89) Benzo(a)pyrene	23.31	252	30085	0.752	nq	# 94
90) Dibenzo(a,h)anthracene	25.60	278	27451	0.697	nq	# 92
91) Benzo(a,h,i)perylene	26.24	276	27522	0.716	nq	# 88

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