

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017173.D
 Acq On : 18 Oct 2018 00:11
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 18 13:00:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

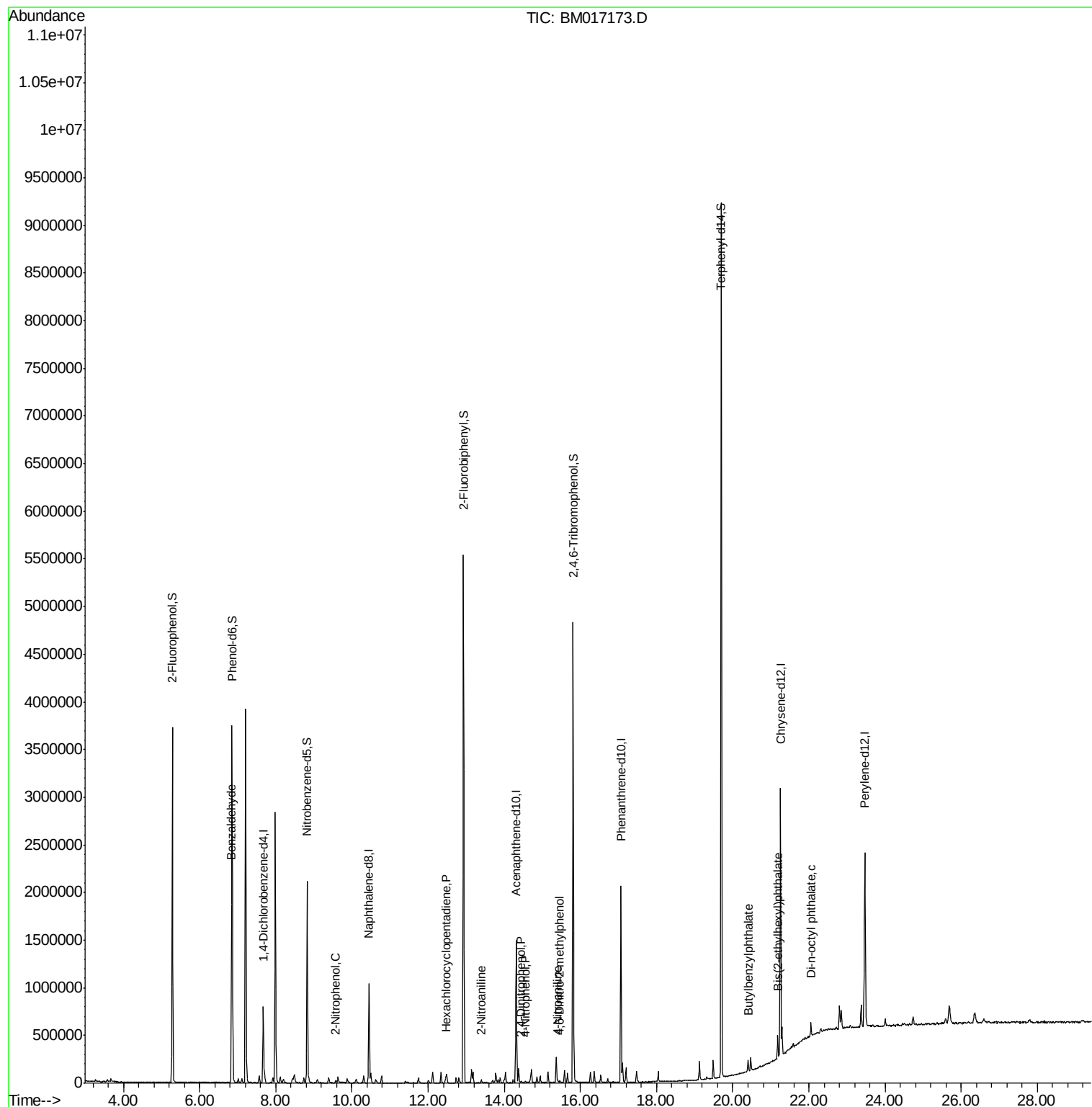
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	207965	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	857933	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	485827	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1141800	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1315347	20.00	ng	0.00
87) Perylene-d12	23.47	264	1356928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1527511	124.23	ng	0.00
7) Phenol-d6	6.85	99	1982987	118.41	ng	0.00
23) Nitrobenzene-d5	8.83	82	1169169	79.70	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	847749	129.03	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2838890	77.75	ng	0.00
79) Terphenyl-d14	19.70	244	4387057	75.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	22590	2.116	ng	Qvalue 81
26) 2-Nitrophenol	9.57	139	9338	6.836	ng	96
41) Hexachlorocyclopentadiene	12.46	237	16572	2.004	ng	92
48) 2-Nitroaniline	13.40	65	10553	6.711	ng	84
54) 2,4-Dinitrophenol	14.45	184	3283	8.835	ng	# 83
56) 4-Nitrophenol	14.55	139	6027	5.413	ng	94
62) 4-Nitroaniline	15.40	138	8770	5.547	ng	# 81
65) 4,6-Dinitro-2-methylphenol	15.46	198	5918	7.692	ng	89
80) Butylbenzylphthalate	20.40	149	32132	8.153	ng	91
84) Bis(2-ethylhexyl)phthalate	21.18	149	46480	6.274	ng	# 99
85) Di-n-octyl phthalate	22.06	149	82401	6.576	ng	# 96

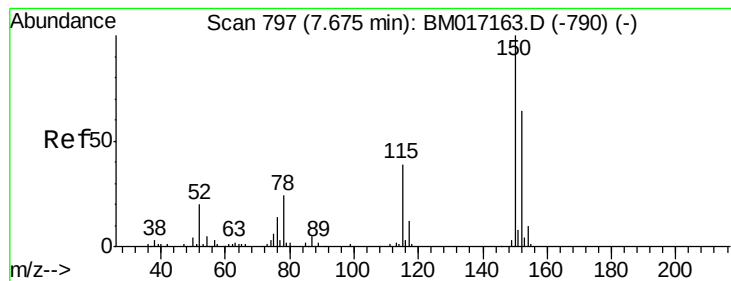
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017173.D
Acq On : 18 Oct 2018 00:11
Operator : MJ/SJ
Sample : J5164-07
Misc : LOD 2 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 18 13:00:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

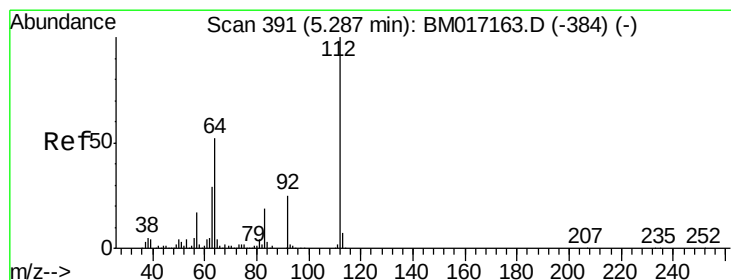
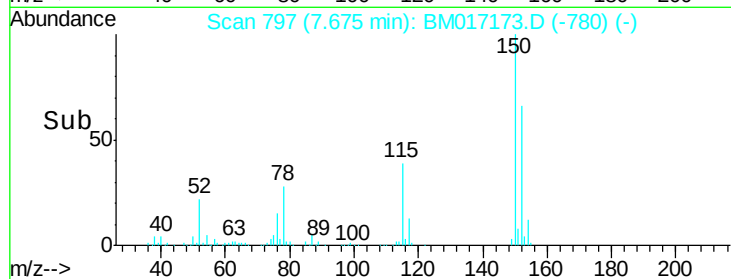
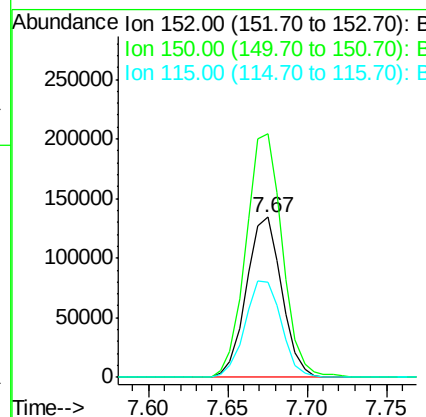
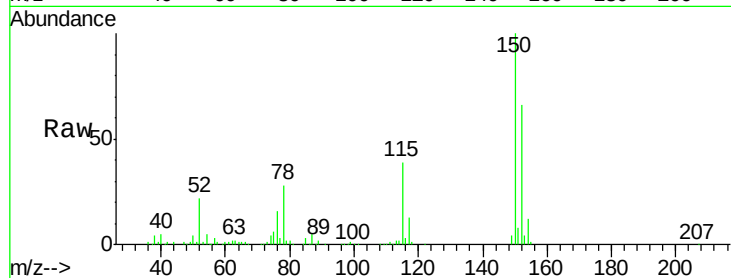




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BM017173.D
 Acq: 18 Oct 2018 00:11

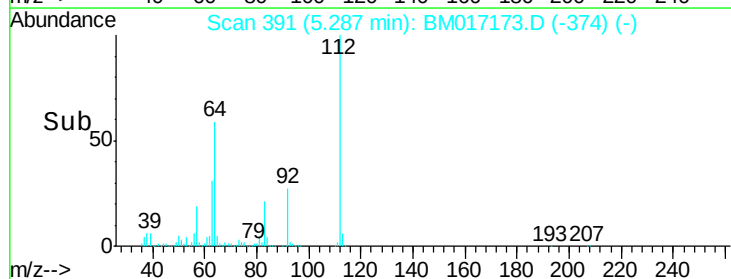
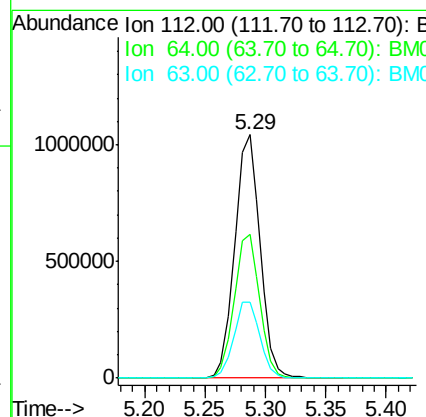
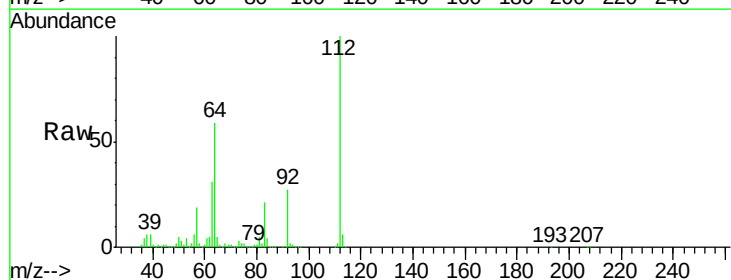
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

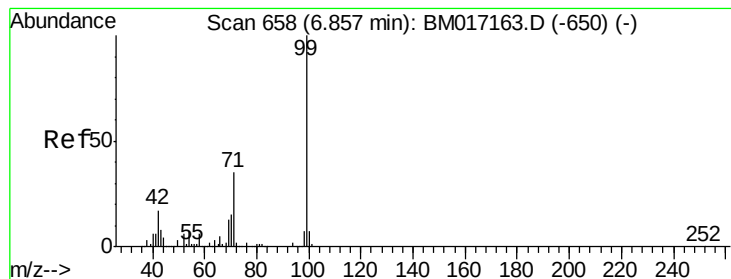
Tgt Ion:152 Resp: 207965
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.3 186.5
 115 59.2 48.1 72.1



#5
 2-Fluorophenol
 Concen: 124.229 ng
 RT: 5.29 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: BM017173.D
 Acq: 18 Oct 2018 00:11

Tgt Ion:112 Resp: 1527511
 Ion Ratio Lower Upper
 112 100
 64 59.0 41.7 62.5
 63 31.2 23.0 34.4





#7

Phenol-d6

Concen: 118.413 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

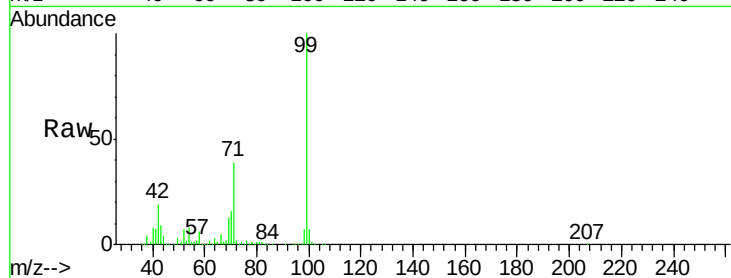
Tgt Ion: 99 Resp: 1982987

Ion Ratio Lower Upper

99 100

42 18.9 13.3 19.9

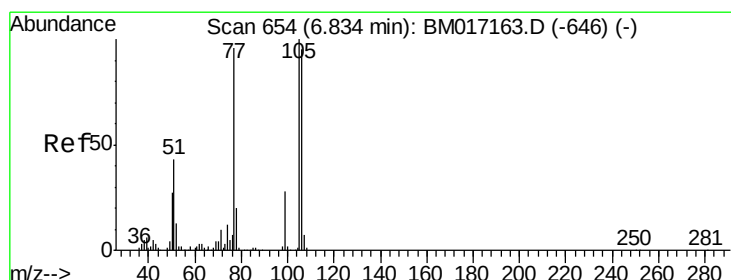
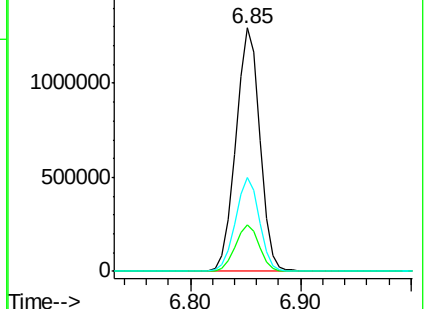
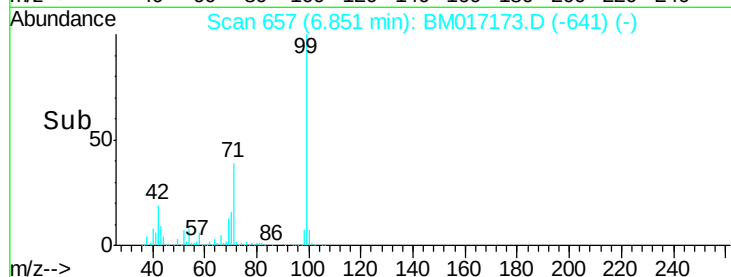
71 38.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017173.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017173.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017173.D (-641) (-)



#9

Benzaldehyde

Concen: 2.116 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

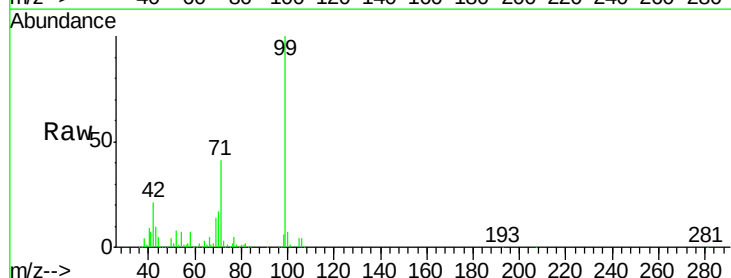
Tgt Ion: 77 Resp: 22590

Ion Ratio Lower Upper

77 100

105 84.6 83.9 123.9

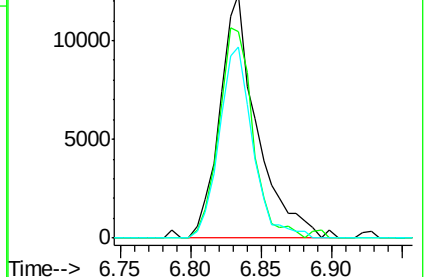
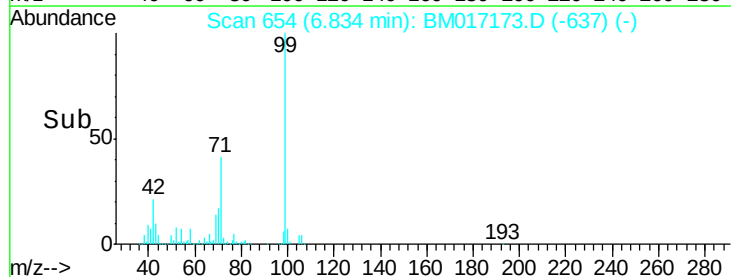
106 78.5 78.2 118.2

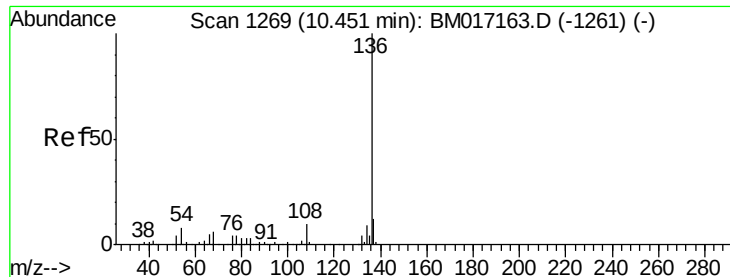


Abundance Ion 77.00 (76.70 to 77.70): BM017173.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017173.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017173.D (-637) (-)

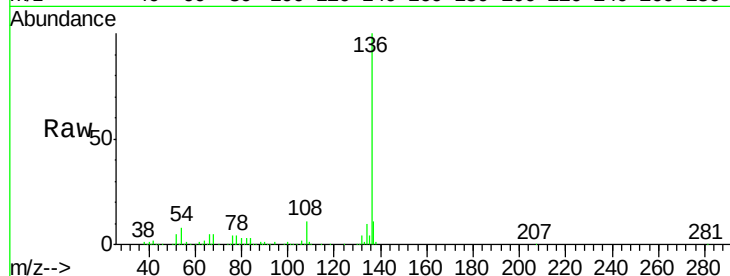




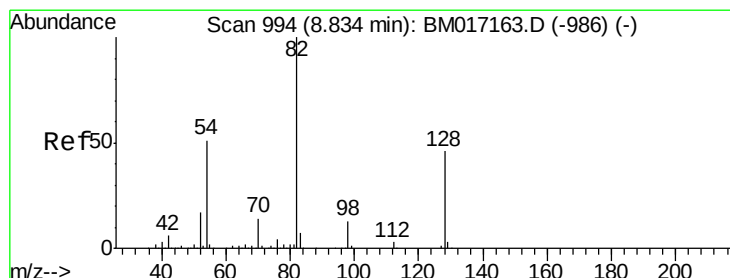
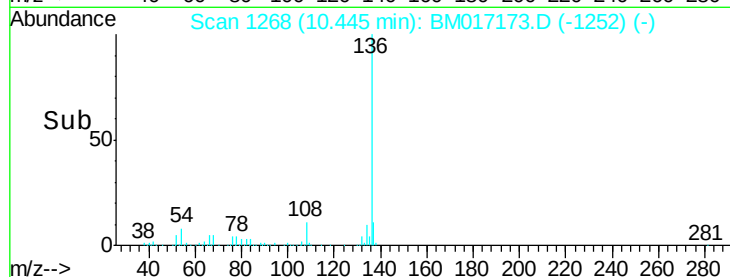
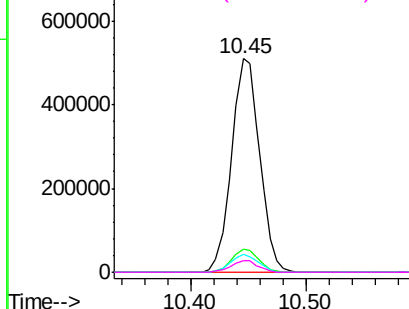
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	136	Resp:	857933
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.1	6.7	10.1
68	5.2	4.7	7.1

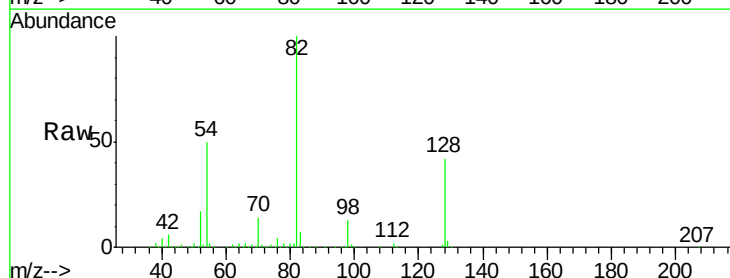


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

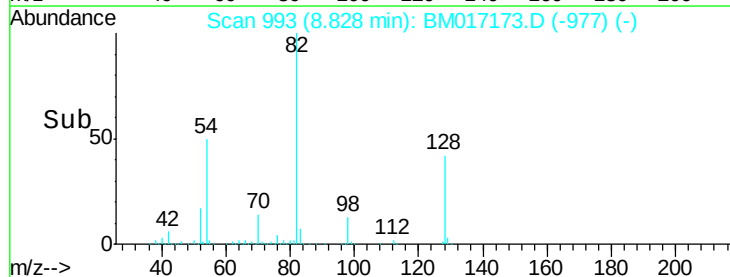
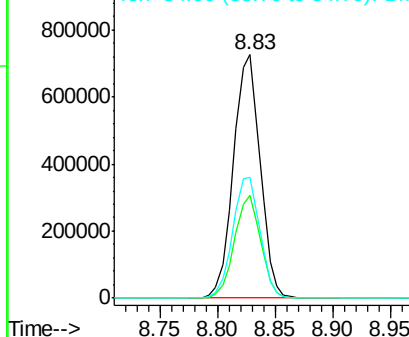


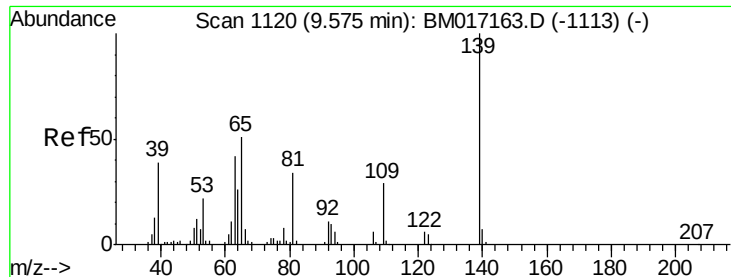
#23
Nitrobenzene-d5
Concen: 79.703 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Tgt Ion:	82	Resp:	1169169
Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.0	55.6
54	49.6	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

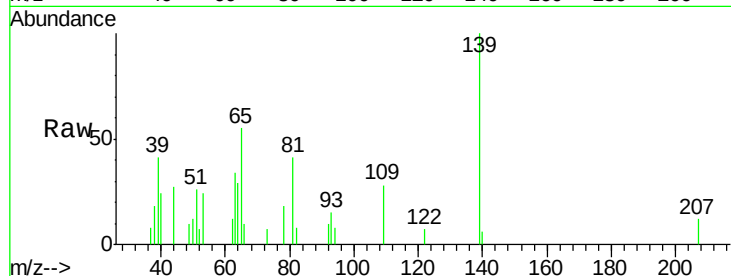




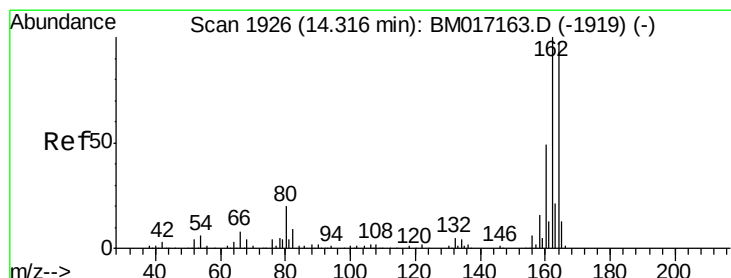
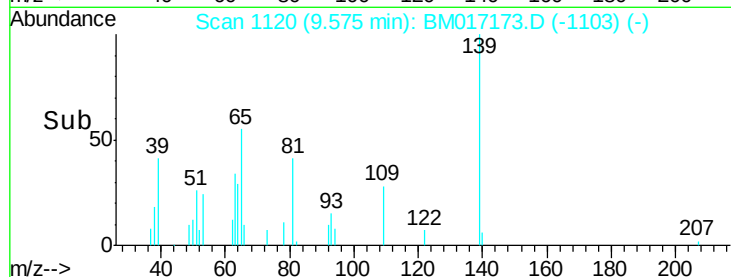
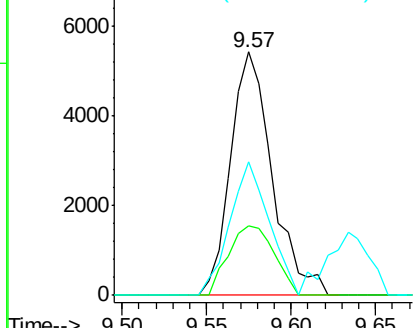
#26
2-Nitrophenol
Concen: 6.836 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:139 Resp: 9338
Ion Ratio Lower Upper
139 100
109 28.4 23.2 34.8
65 55.0 40.6 61.0

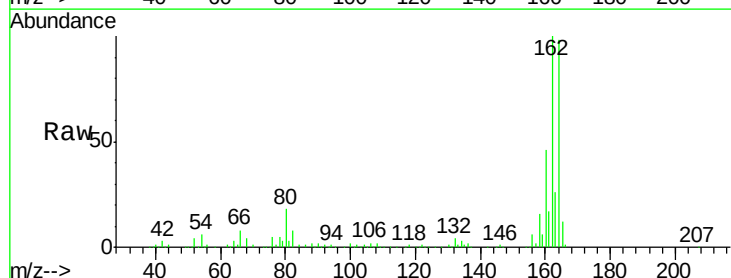


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

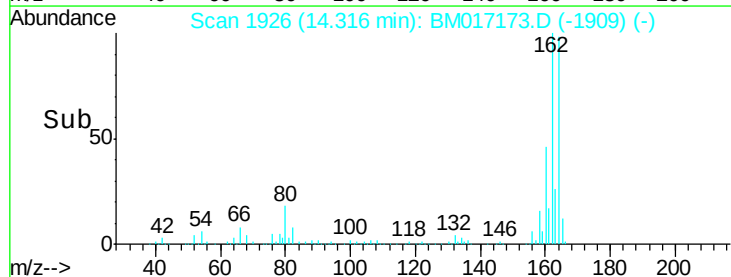
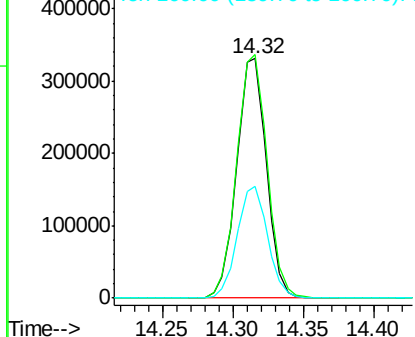


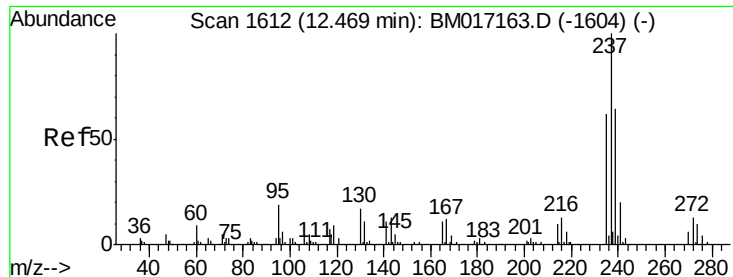
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Tgt Ion:164 Resp: 485827
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 46.8 40.2 60.2



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





#41

Hexachlorocyclopentadiene

Concen: 2.004 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

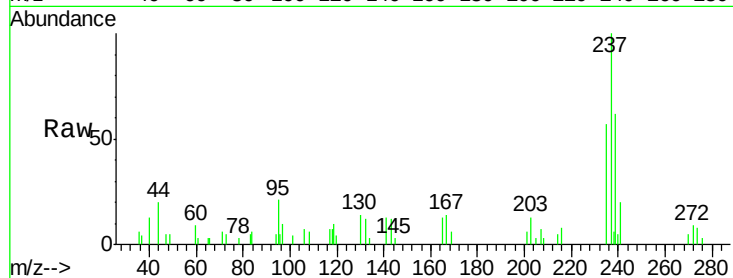
Tgt Ion: 237 Resp: 16572

Ion Ratio Lower Upper

237 100

235 56.9 42.4 82.4

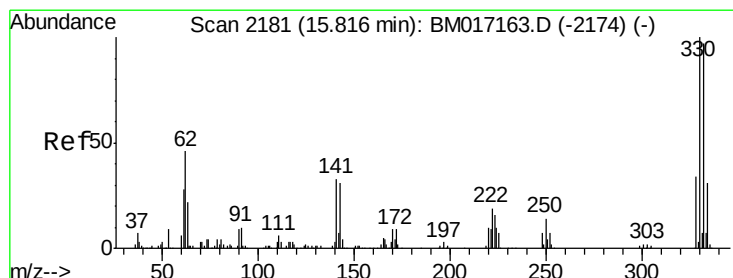
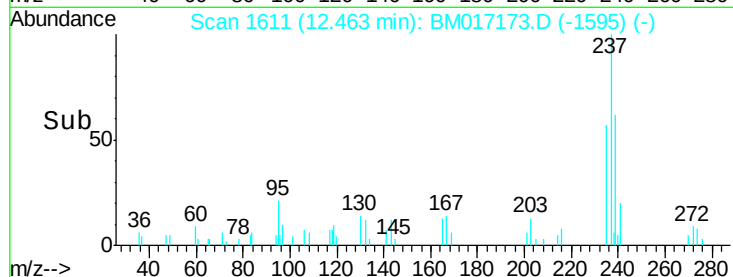
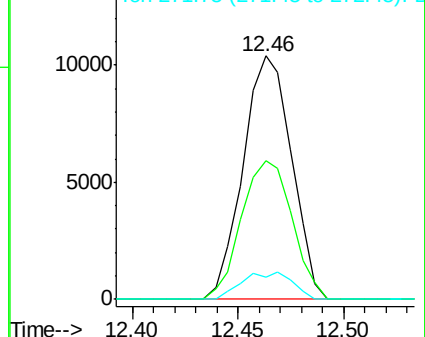
272 9.2 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.031 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

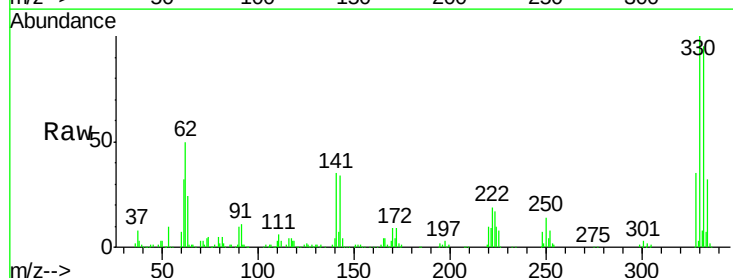
Tgt Ion: 330 Resp: 847749

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

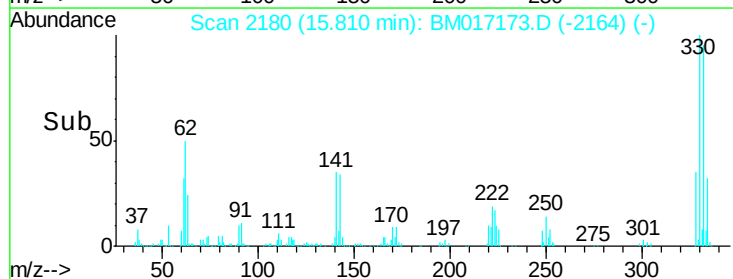
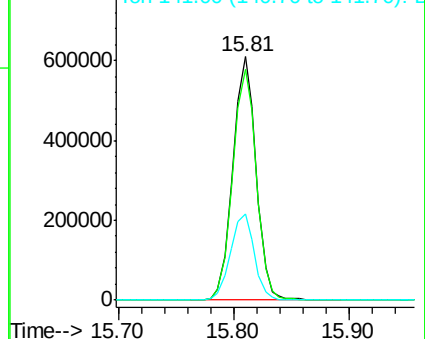
141 36.2 27.4 41.0

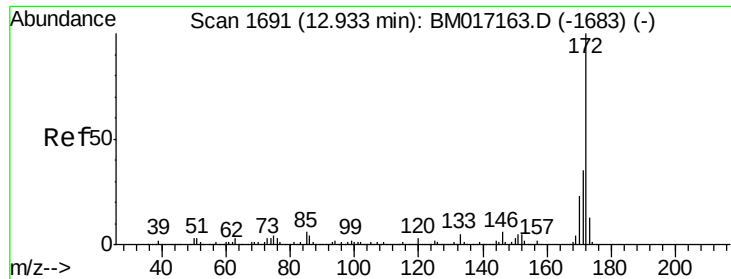


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

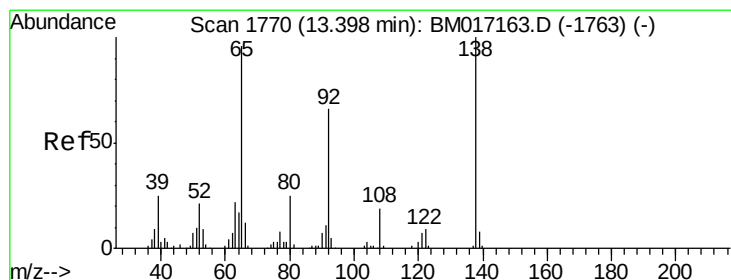
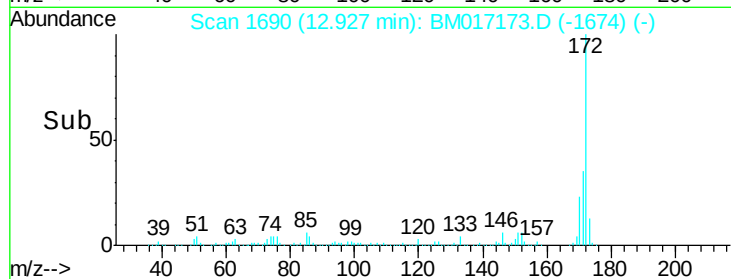
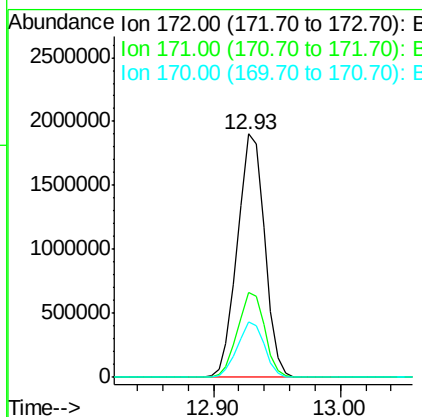
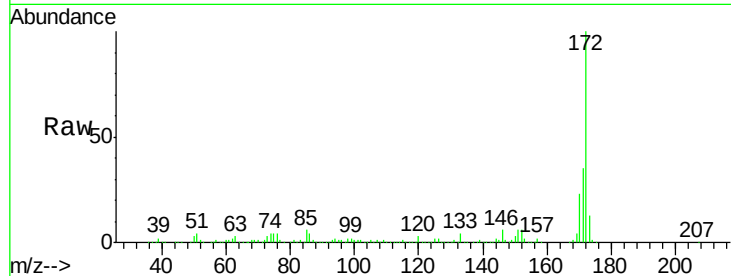




#45
2-Fluorobiphenyl
Concen: 77.749 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

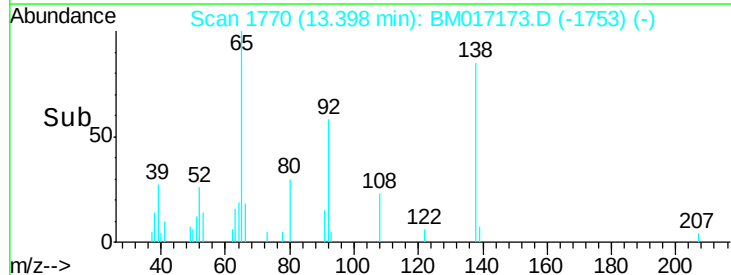
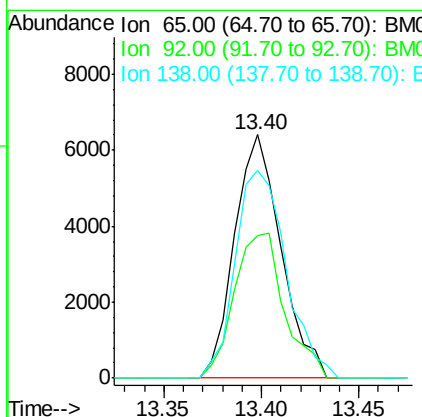
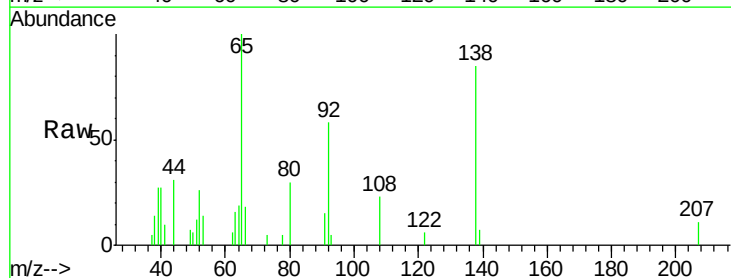
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

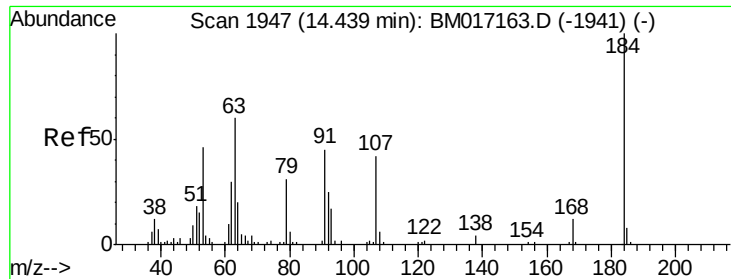
Tgt Ion: 172 Resp: 2838890
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.3 27.5



#48
2-Nitroaniline
Concen: 6.711 ng
RT: 13.40 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Tgt Ion: 65 Resp: 10553
Ion Ratio Lower Upper
65 100
92 58.3 54.9 82.3
138 85.3 83.7 125.5

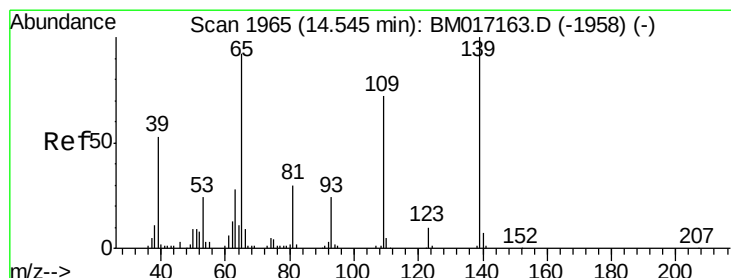
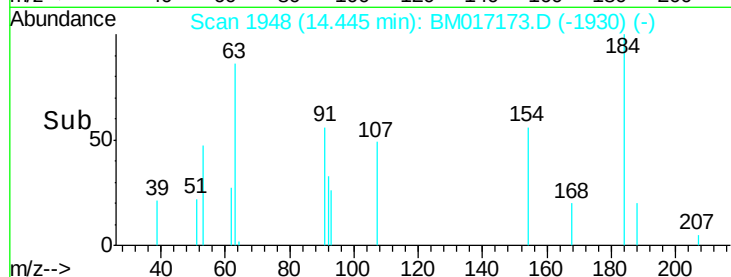
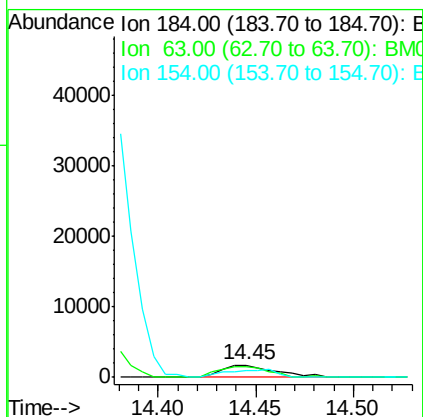
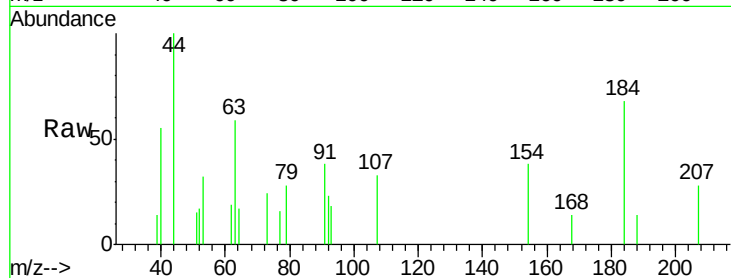




#54
2,4-Dinitrophenol
Concen: 8.835 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

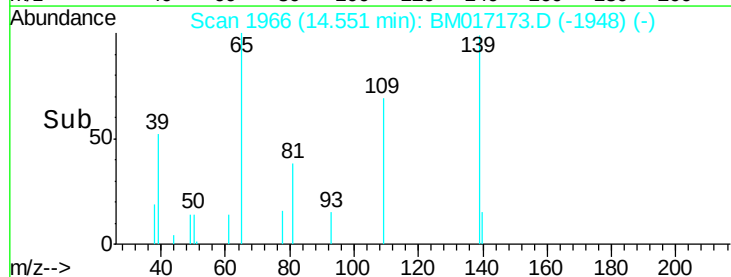
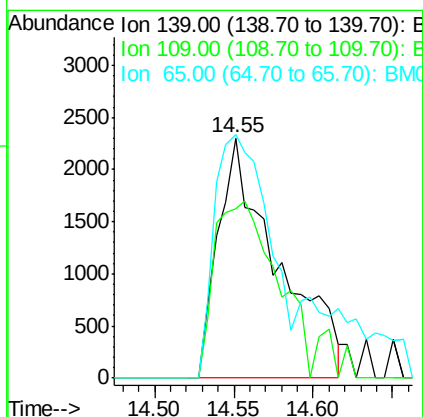
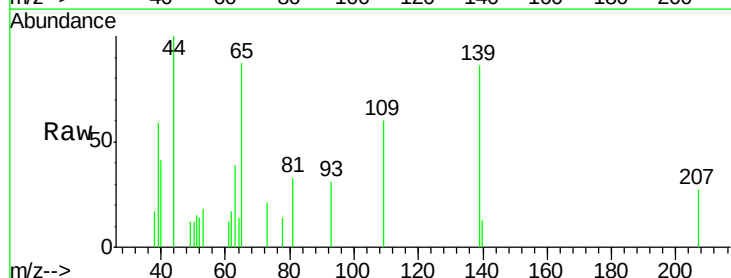
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

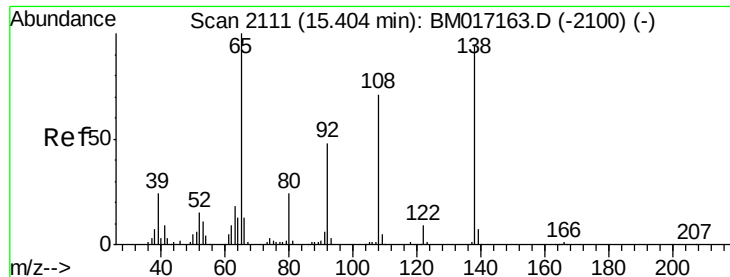
Tgt Ion:184 Resp: 3283
Ion Ratio Lower Upper
184 100
63 86.3 51.2 76.8#
154 55.7 47.8 71.8



#56
4-Nitrophenol
Concen: 5.413 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Tgt Ion:139 Resp: 6027
Ion Ratio Lower Upper
139 100
109 70.5 51.8 91.8
65 101.5 72.1 112.1

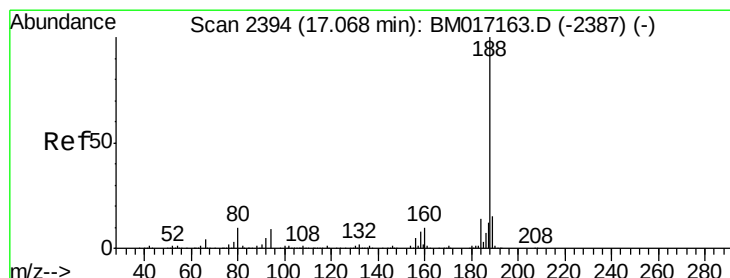
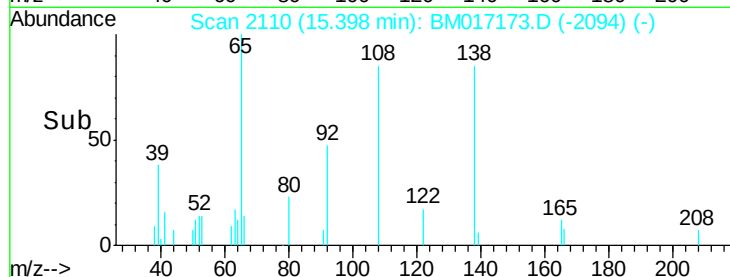
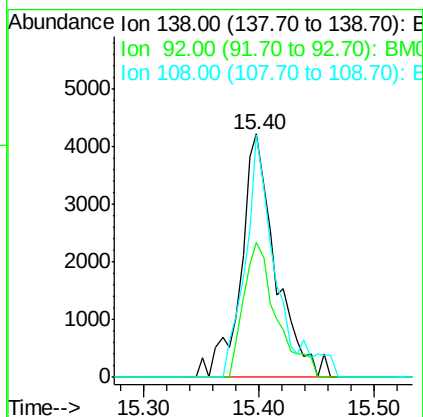
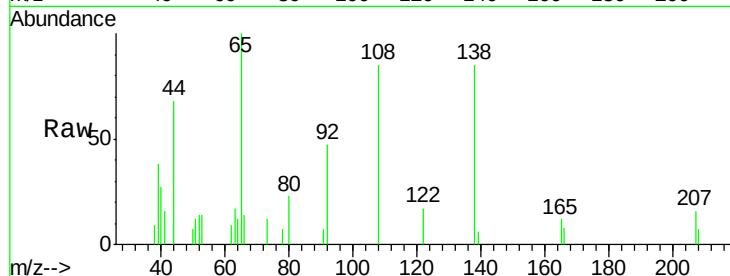




#62
4-Nitroaniline
Concen: 5.547 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

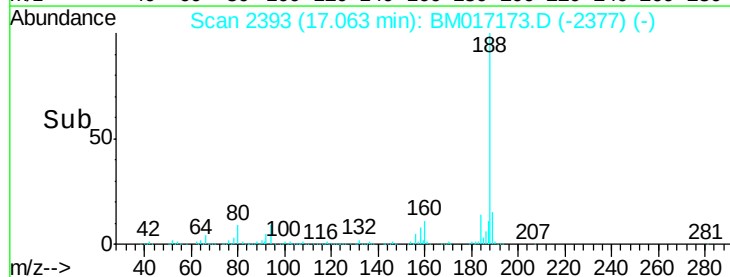
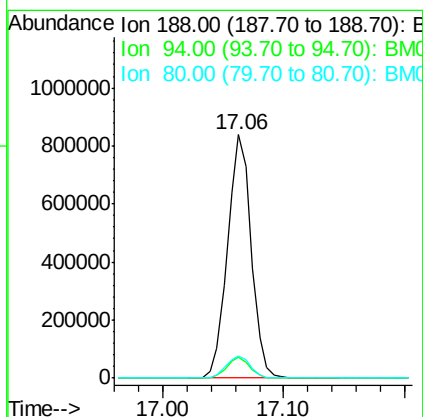
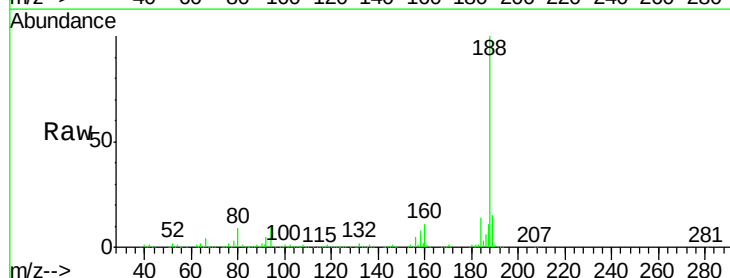
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

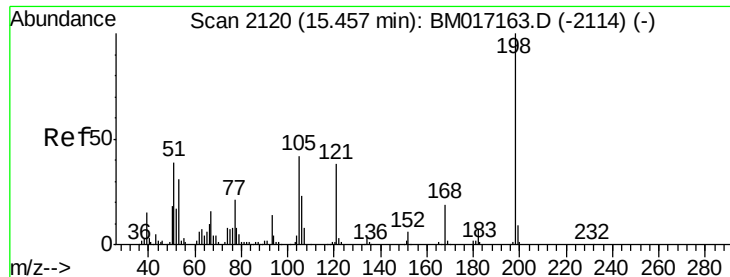
Tgt Ion:138 Resp: 8770
Ion Ratio Lower Upper
138 100
92 55.4 31.2 71.2
108 99.5 55.5 95.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Tgt Ion:188 Resp: 1141800
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.2 7.7 11.5

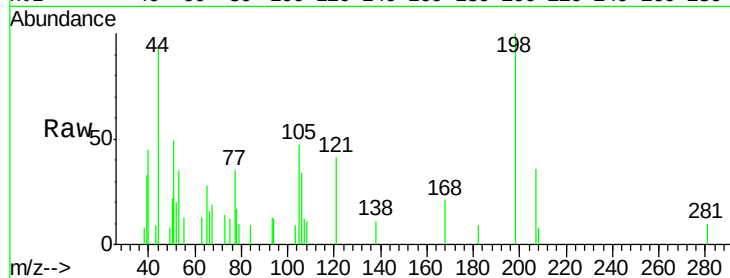




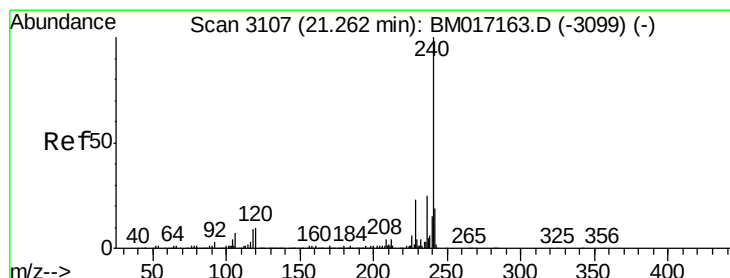
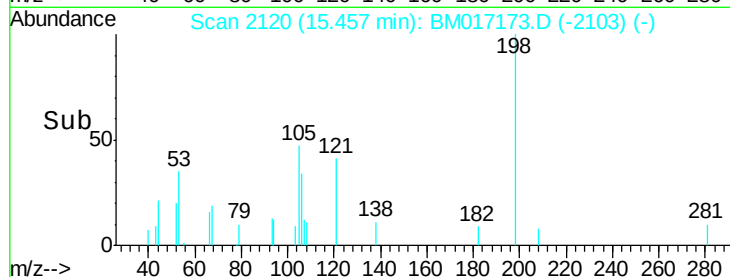
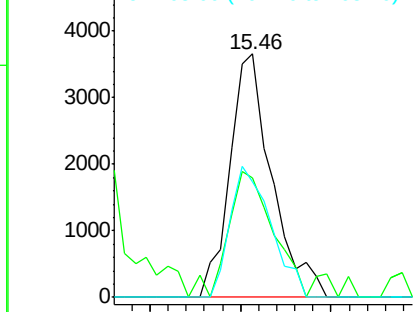
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.692 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BM017173.D
 Acq: 18 Oct 2018 00:11

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:198 Resp: 5918
 Ion Ratio Lower Upper
 198 100
 51 49.2 20.3 60.3
 105 47.3 21.9 61.9

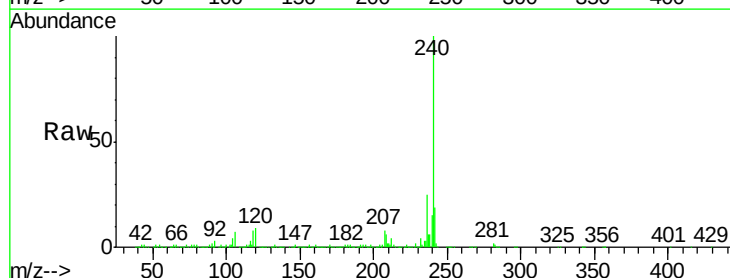


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM017163.D (-2114) (-)
 Ion 105.00 (104.70 to 105.70): E

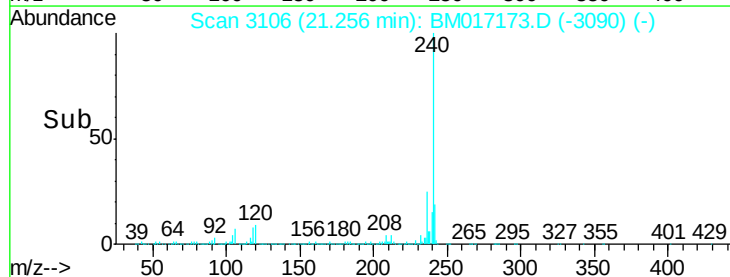
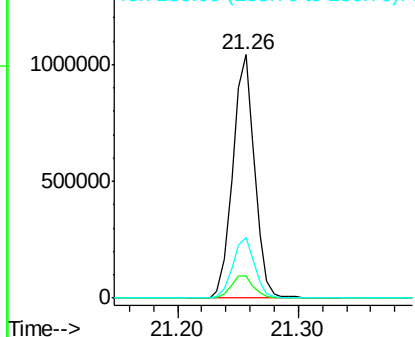


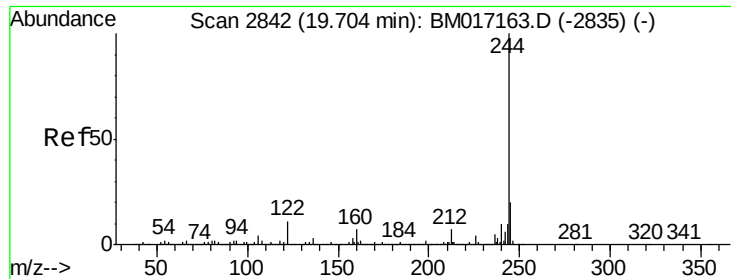
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM017173.D
 Acq: 18 Oct 2018 00:11

Tgt Ion:240 Resp: 1315347
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.1 12.1
 236 25.1 19.9 29.9



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





#79

Terphenyl-d14

Concen: 75.177 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

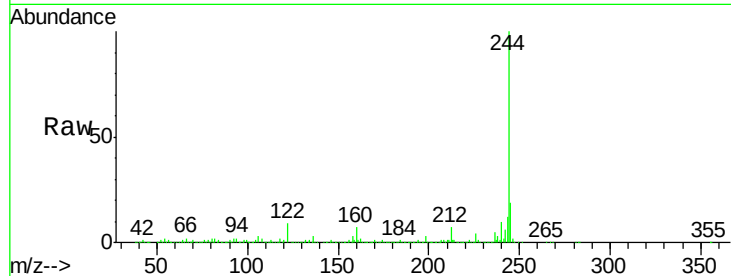
Tgt Ion:244 Resp: 4387057

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

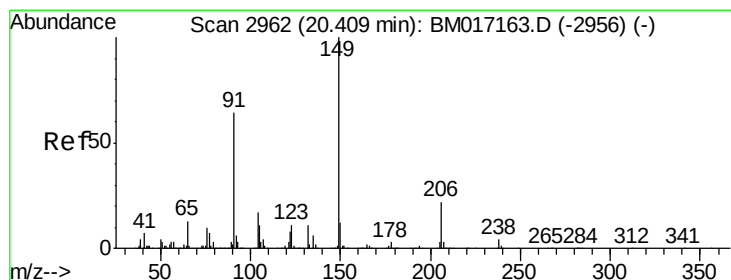
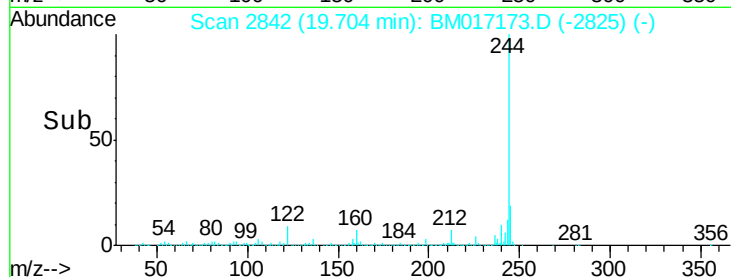
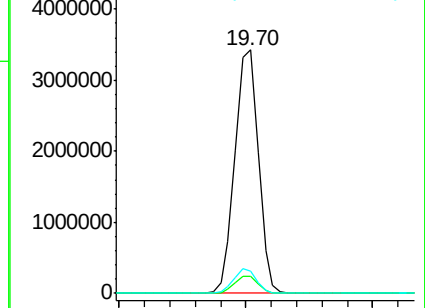
122 9.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 8.153 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

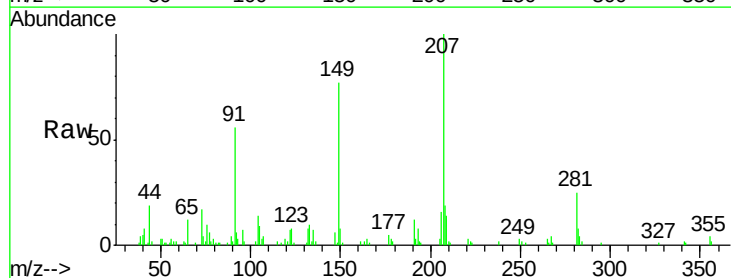
Tgt Ion:149 Resp: 32132

Ion Ratio Lower Upper

149 100

91 73.0 51.3 76.9

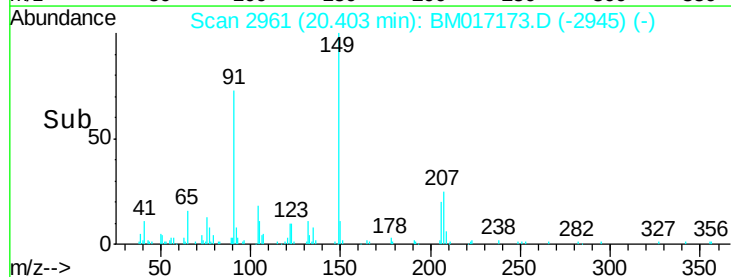
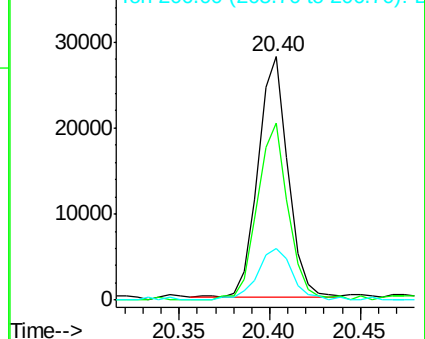
206 21.2 18.0 27.0

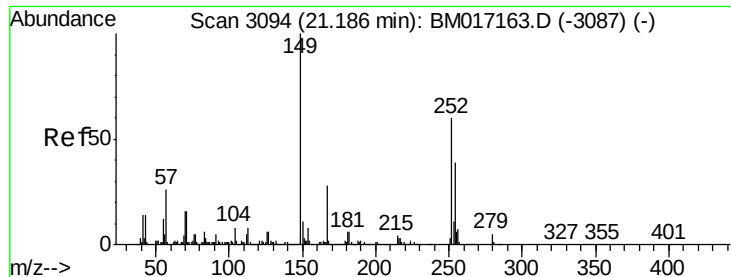


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.274 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

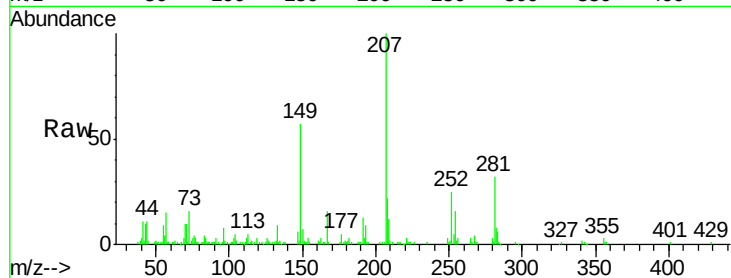
Tgt Ion:149 Resp: 46480

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

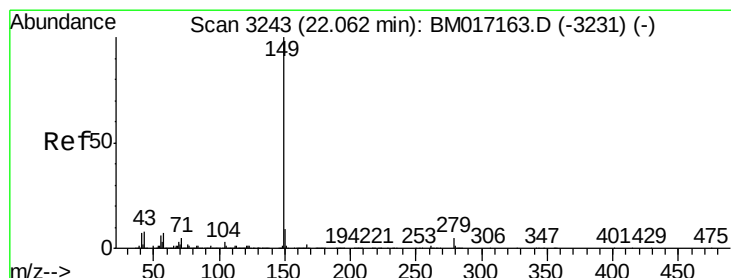
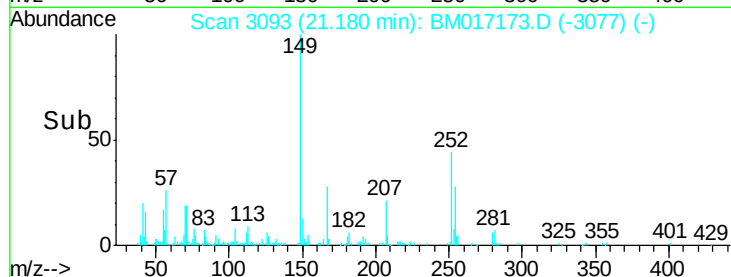
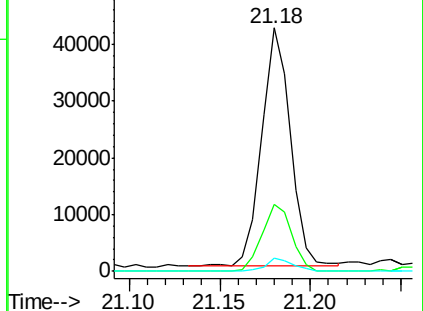
279 5.6 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 6.576 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017173.D

Acq: 18 Oct 2018 00:11

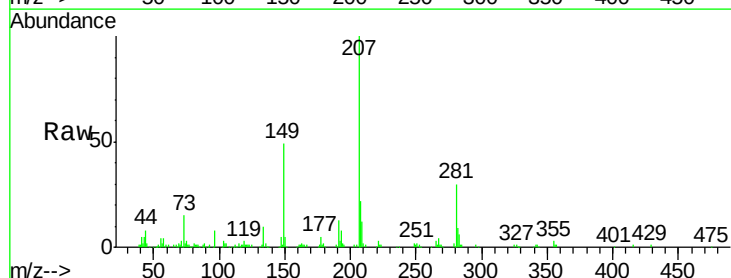
Tgt Ion:149 Resp: 82401

Ion Ratio Lower Upper

149 100

167 2.4 1.4 2.0#

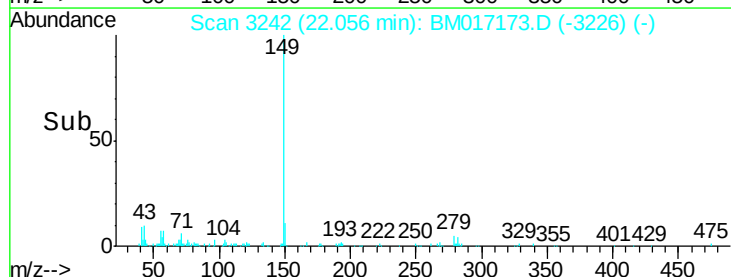
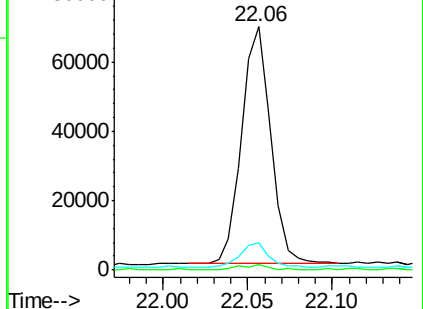
43 10.7 7.2 10.8

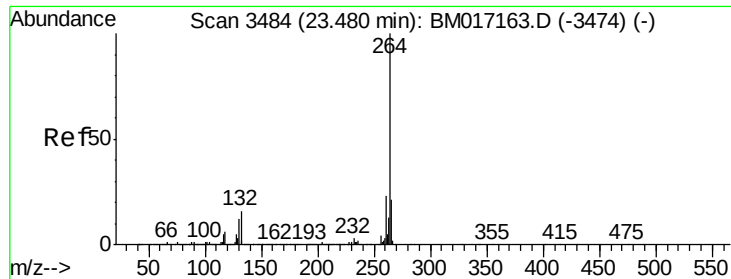


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017173.D
Acq: 18 Oct 2018 00:11

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 264 Resp: 1356928

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	22.5	17.8	26.8

