

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014186.D
 Acq On : 08 Feb 2018 10:14
 Operator : SJ/JU
 Sample : J1161-09
 Misc : LOD 2 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Quant Time: Feb 08 17:03:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	66501	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	273604	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	183182	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	466203	20.00	ng	0.00
75) Chrysene-d12	21.16	240	509760	20.00	ng	0.00
86) Perylene-d12	23.34	264	478013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	492273	129.02	ng	0.00
7) Phenol-d6	6.73	99	643651	119.11	ng	0.00
23) Nitrobenzene-d5	8.70	82	602844	98.42	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	332113	127.77	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1351918	92.13	ng	0.00
78) Terphenyl-d14	19.60	244	2269357	86.99	ng	0.00

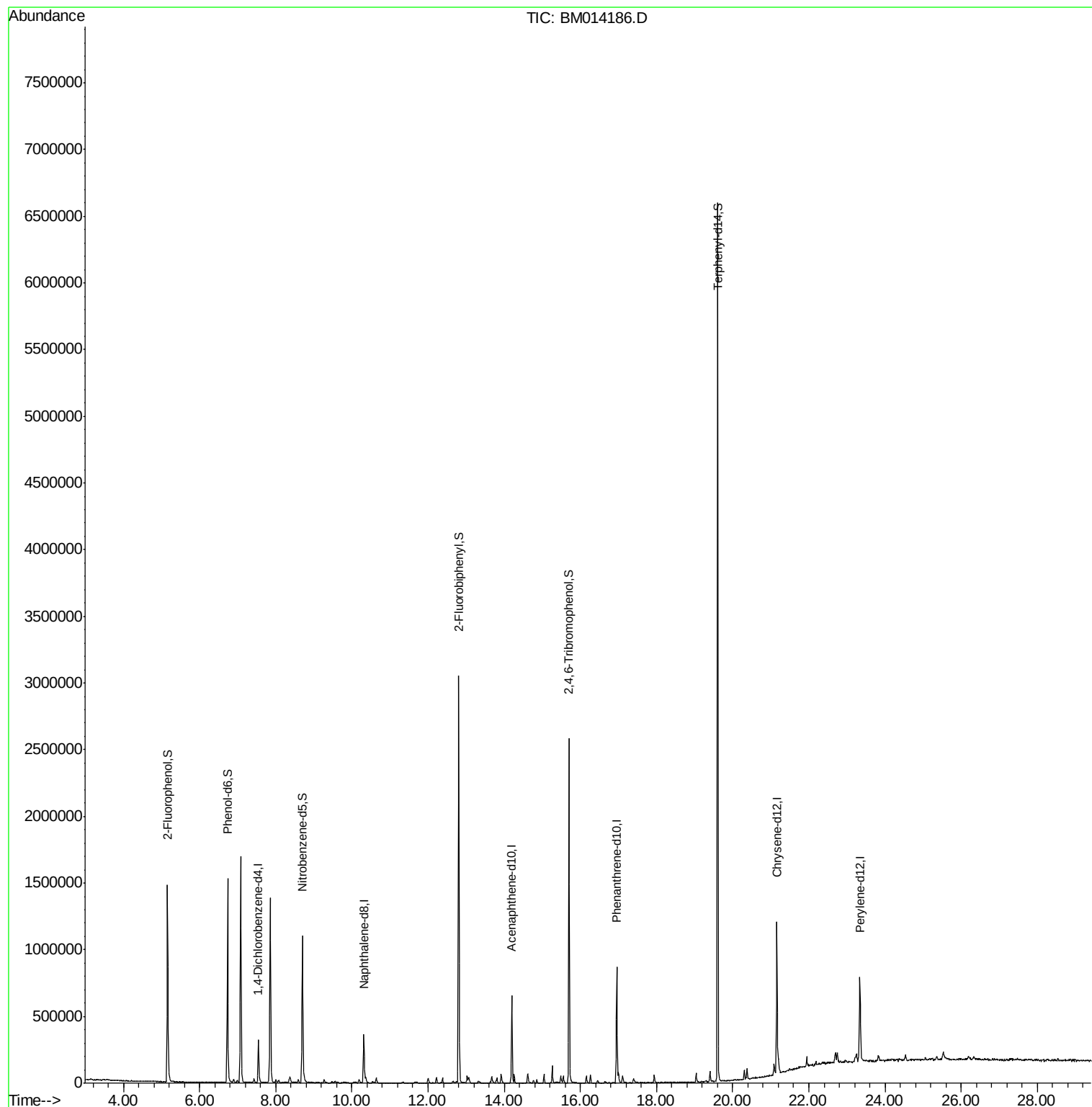
Target Compounds Qvalue

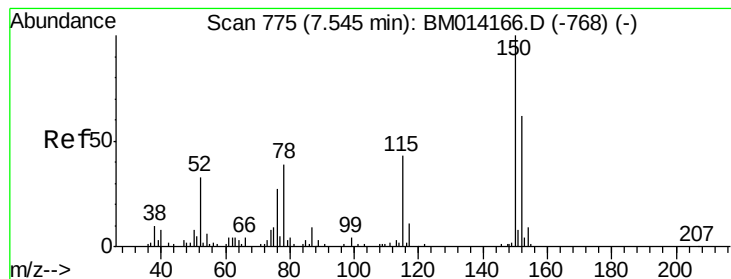
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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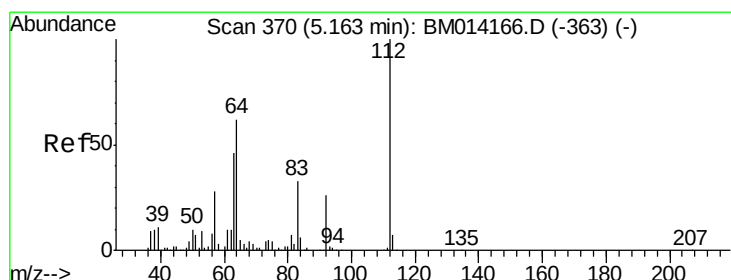
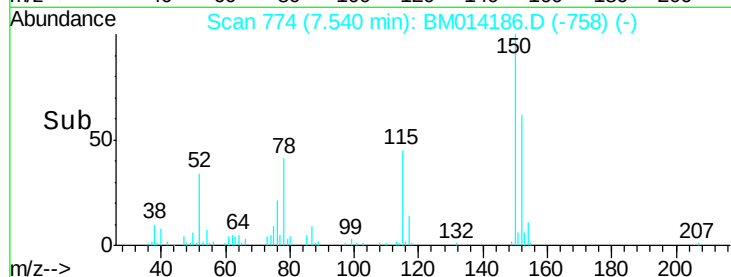
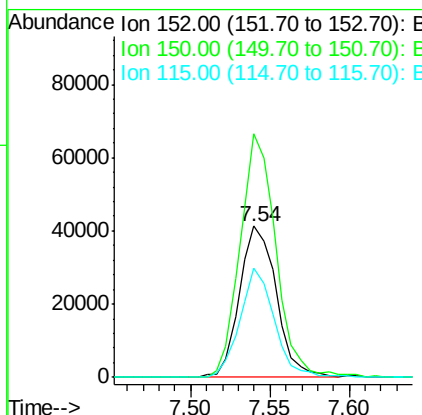
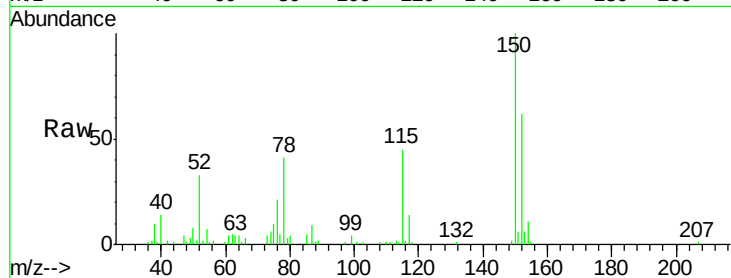


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

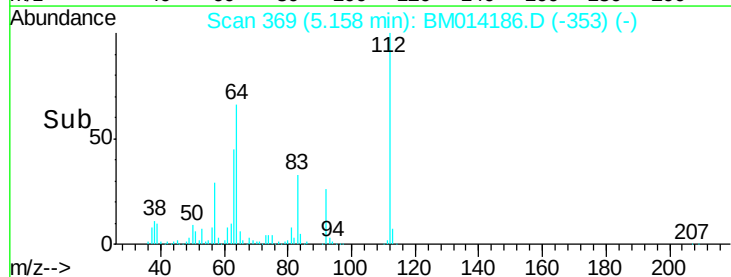
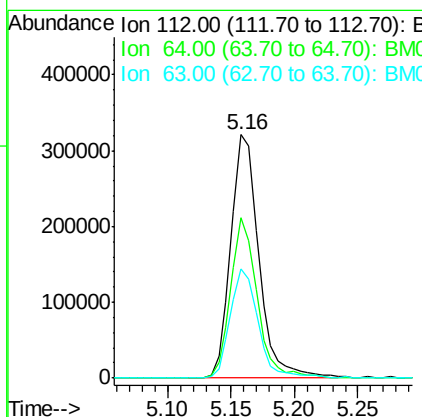
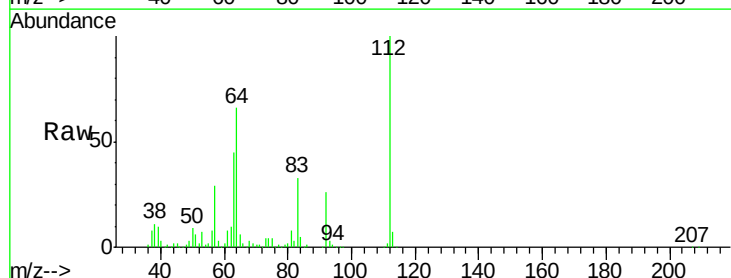
Tot Ion:152 Resp: 66501
Ion Ratio Lower Upper
152 100
150 161.0 119.5 179.3
115 72.4 43.0 64.4#

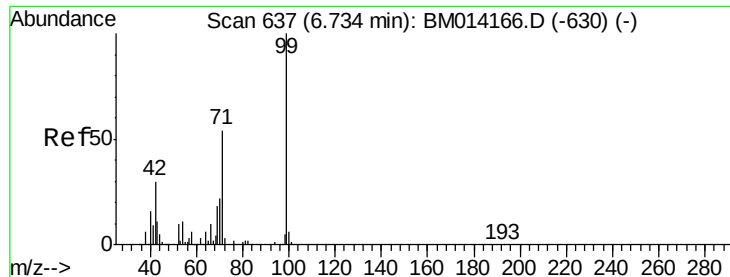


#5

2-Fluorophenol
Concen: 129.024 ng
RT: 5.16 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:112 Resp: 492273
Ion Ratio Lower Upper
112 100
64 66.0 38.6 57.8#
63 44.6 19.3 28.9#





#7

Phenol-d6

Concen: 119.115 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2018

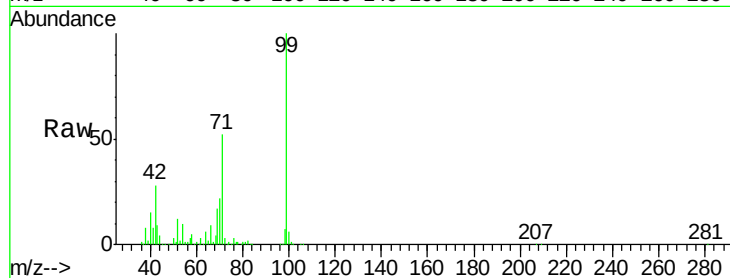
Tot Ion: 99 Resp: 643651

Ion Ratio Lower Upper

99 100

42 28.4 11.0 16.4#

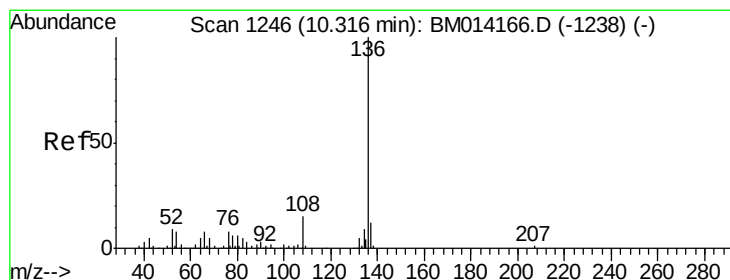
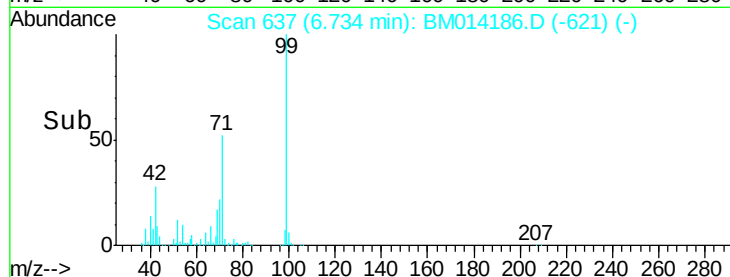
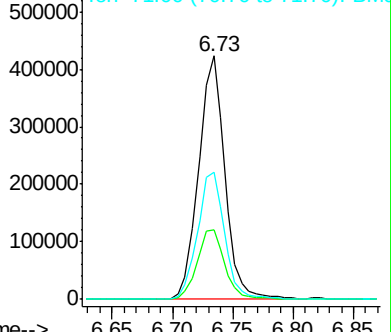
71 52.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014186.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014186.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014186.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

Tgt Ion: 136 Resp: 273604

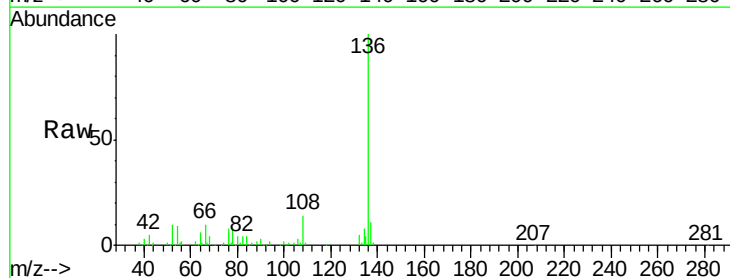
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.6 4.6 6.8#

68 3.9 3.7 5.5

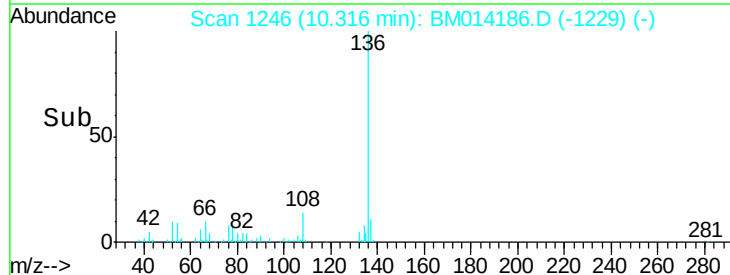
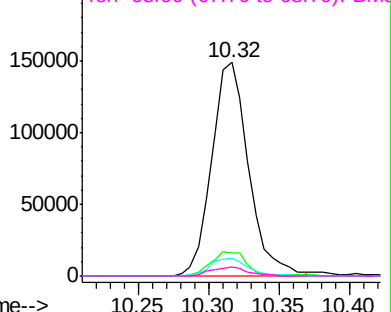


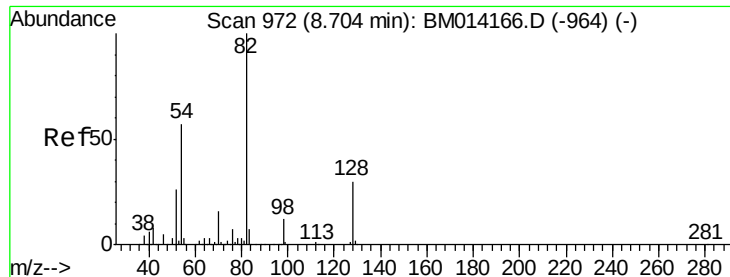
Abundance Ion 136.00 (135.70 to 136.70): BM014186.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014186.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014186.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014186.D (-1238) (-)





#23

Nitrobenzene-d5

Concen: 98.418 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2018

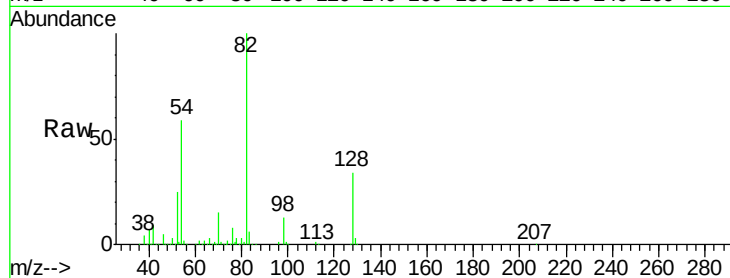
Tot Ion: 82 Resp: 602844

Ion Ratio Lower Upper

82 100

128 34.4 32.8 49.2

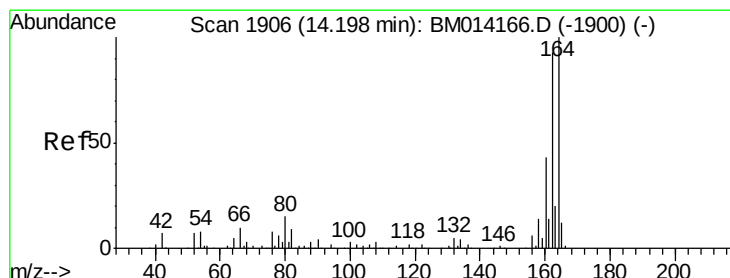
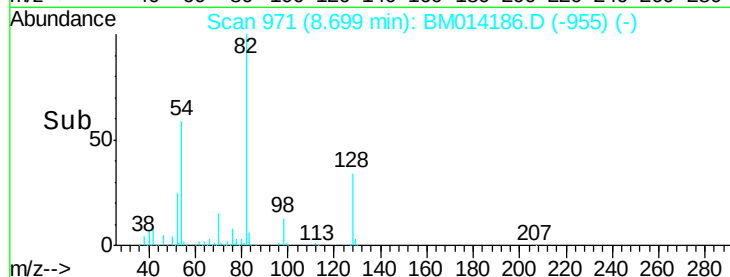
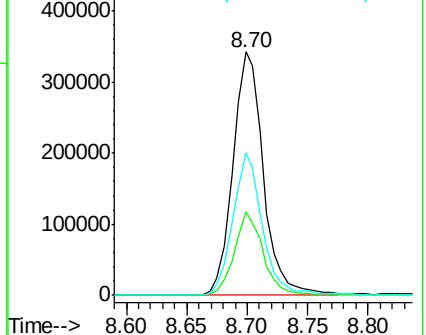
54 58.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014186.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM014186.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM014186.D (-955) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

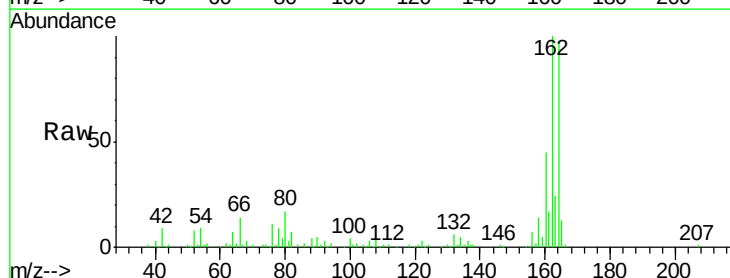
Tgt Ion: 164 Resp: 183182

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

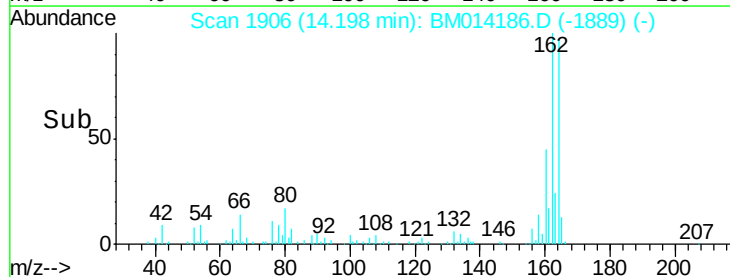
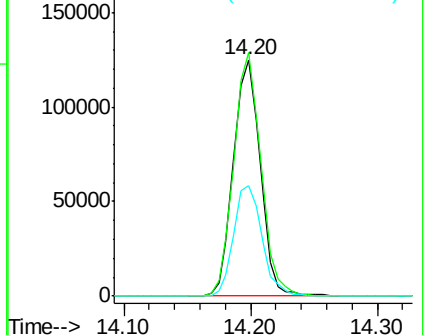
160 46.7 35.8 53.6

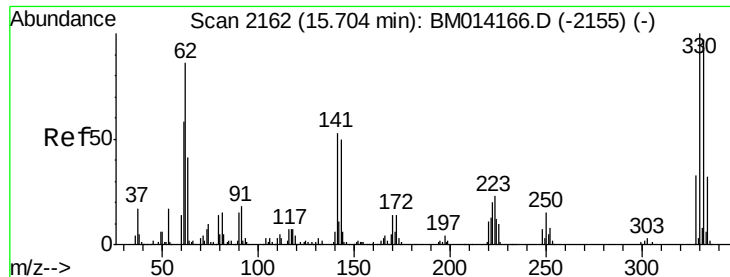


Abundance Ion 164.00 (163.70 to 164.70): BM014186.D (-1889) (-)

Ion 162.00 (161.70 to 162.70): BM014186.D (-1889) (-)

Ion 160.00 (159.70 to 160.70): BM014186.D (-1889) (-)

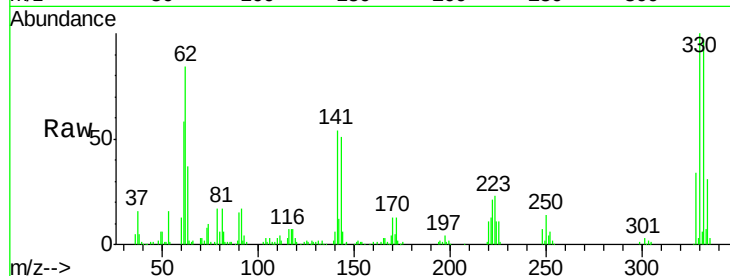




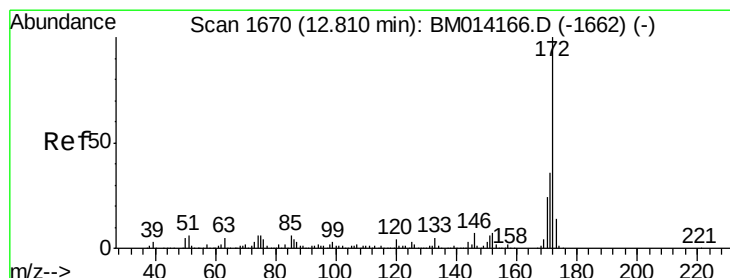
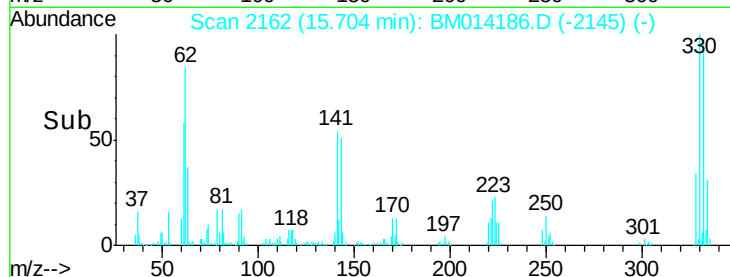
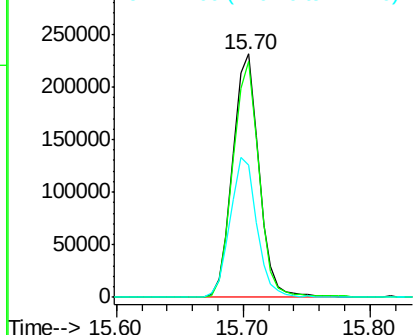
#41
 2,4,6-Tribromophenol
 Concen: 127.770 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM014186.D
 Acq: 08 Feb 2018 10:14

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion:330 Resp: 332113
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 58.4 0.0 0.0#

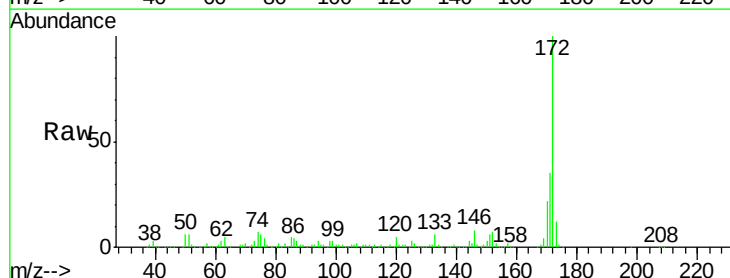


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

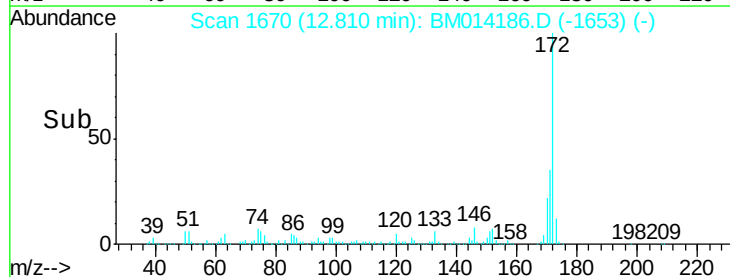
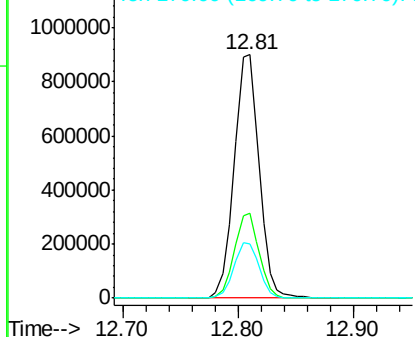


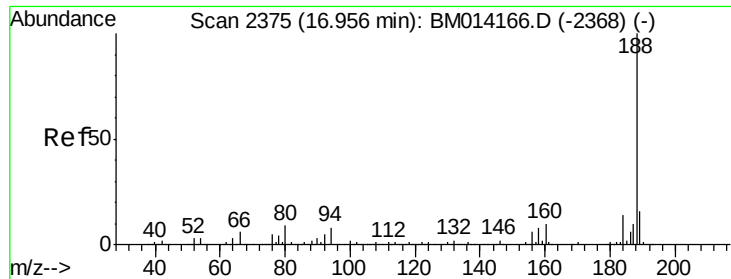
#44
 2-Fluorobiphenyl
 Concen: 92.128 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM014186.D
 Acq: 08 Feb 2018 10:14

Tgt Ion:172 Resp: 1351918
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.2 18.8 28.2



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

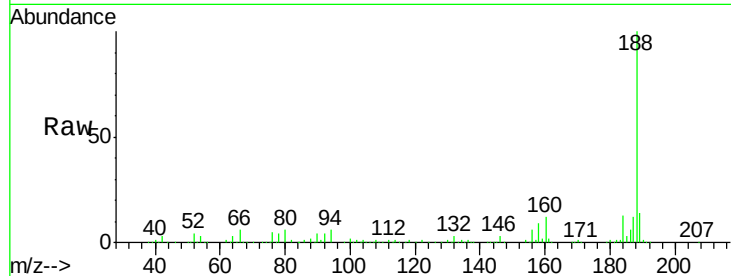




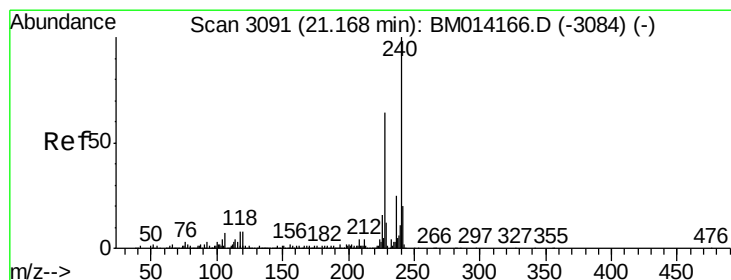
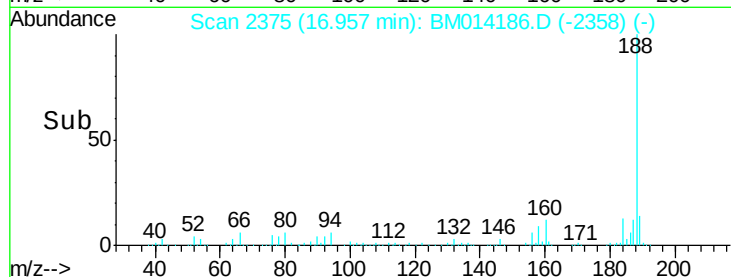
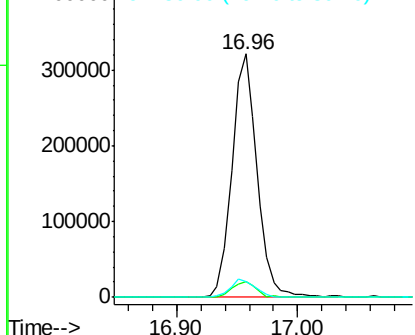
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:188 Resp: 466203
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 6.4 9.3 13.9#

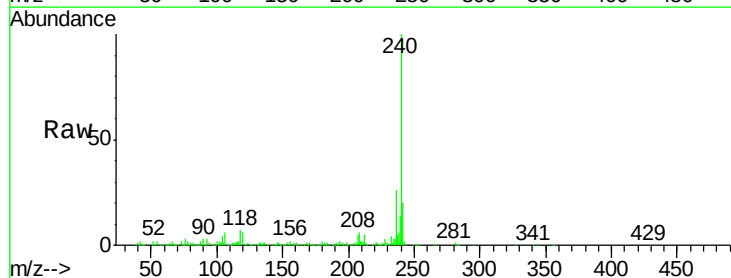


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

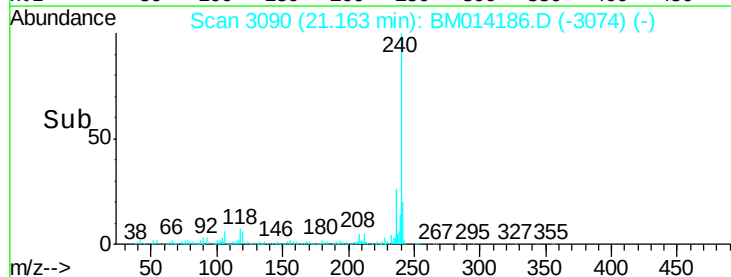
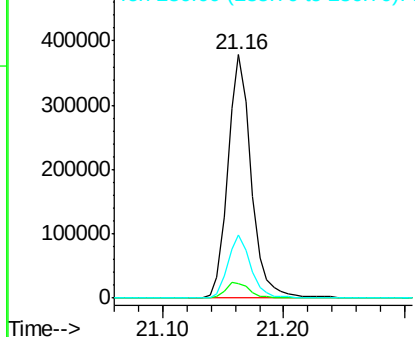


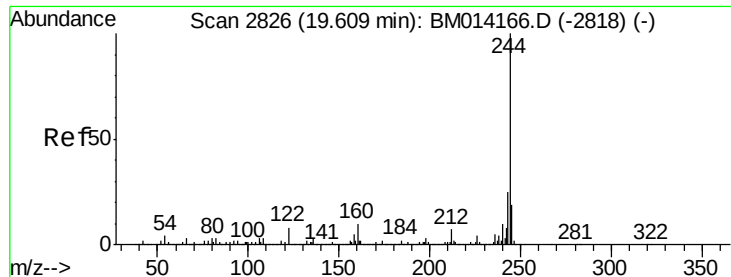
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:240 Resp: 509760
Ion Ratio Lower Upper
240 100
120 5.8 8.2 12.2#
236 25.9 20.0 30.0



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





#78

Terphenyl-d14

Concen: 86.986 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2018

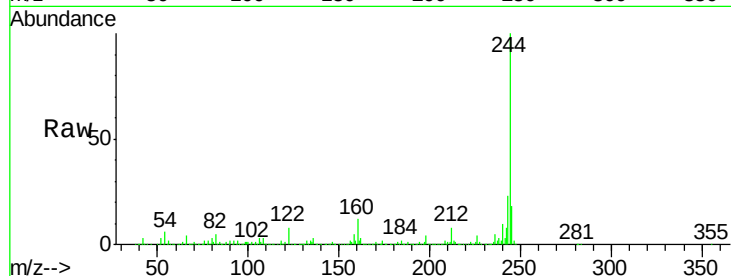
Tot Ion:244 Resp: 2269357

Ion Ratio Lower Upper

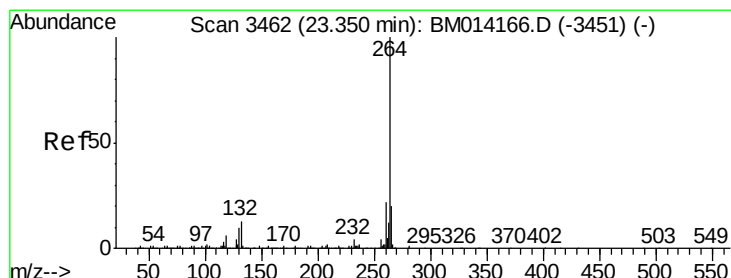
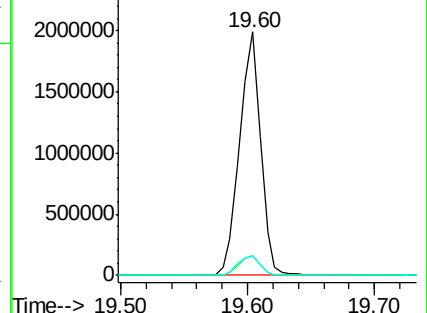
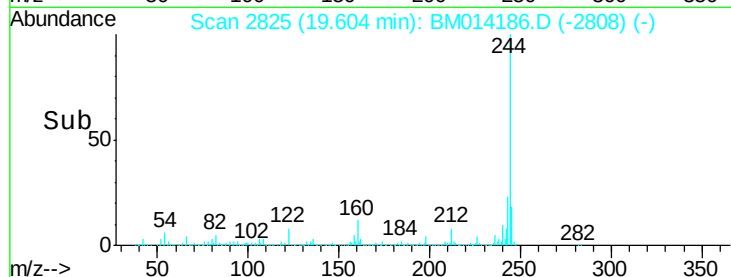
244 100

212 7.8 4.9 7.3#

122 8.0 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014186.D

Acq: 08 Feb 2018 10:14

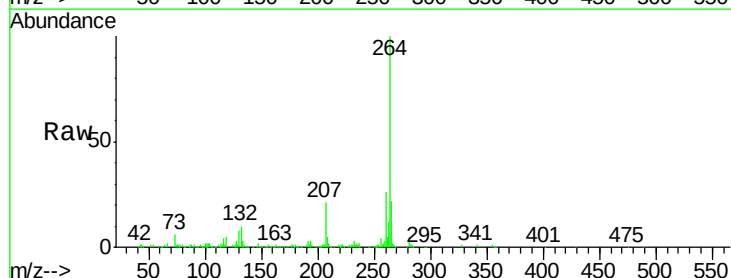
Tgt Ion:264 Resp: 478013

Ion Ratio Lower Upper

264 100

260 25.9 18.6 27.8

265 22.3 17.3 25.9



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

