

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014179.D
 Acq On : 08 Feb 2018 02:05
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 8 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 08 08:21:31 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

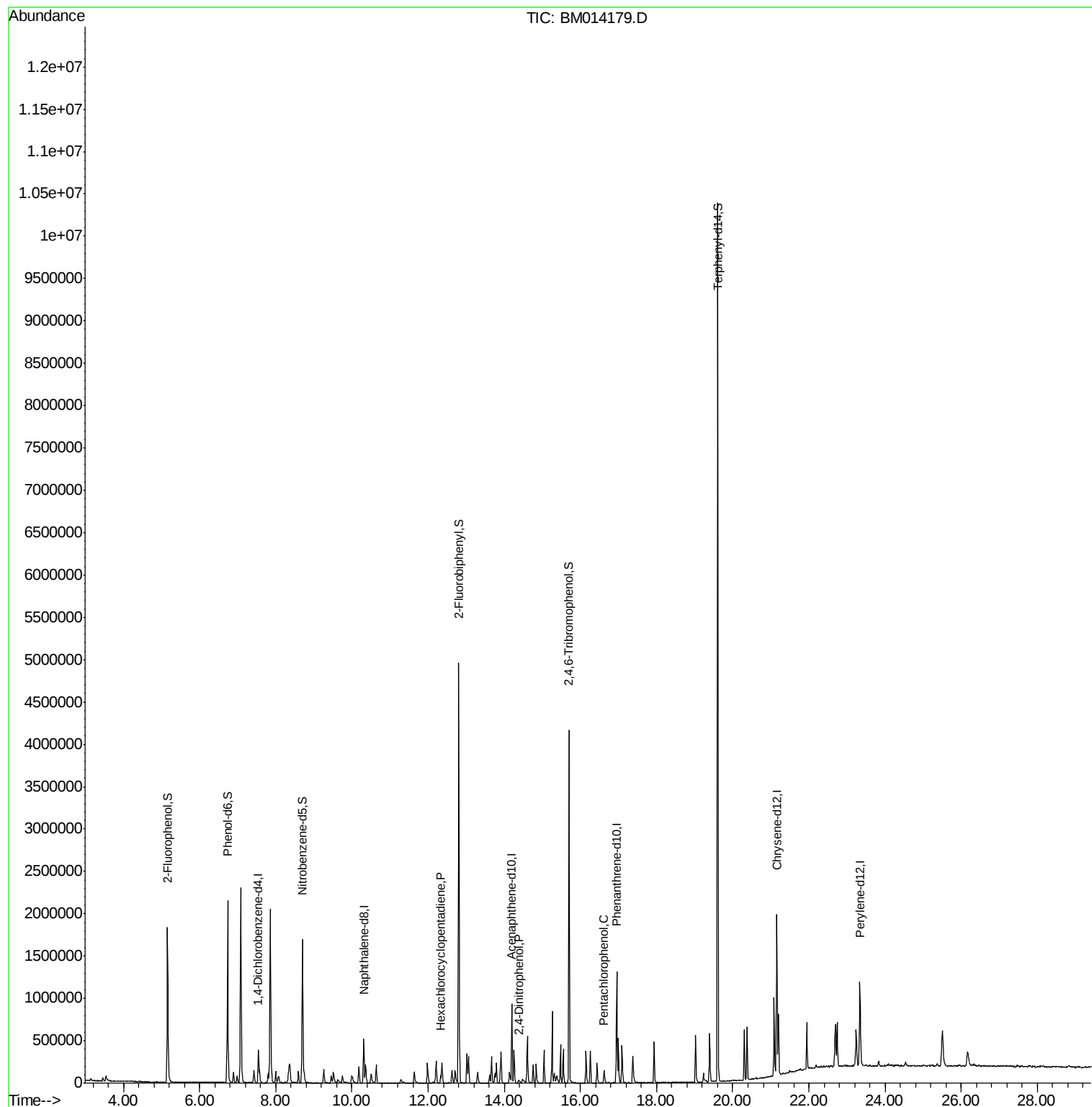
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	79679	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	372799	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	254420	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	662722	20.00	ng	0.00
75) Chrysene-d12	21.16	240	771303	20.00	ng	0.00
86) Perylene-d12	23.34	264	704250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	657108	143.74	ng	0.00
7) Phenol-d6	6.73	99	900262	139.05	ng	0.00
23) Nitrobenzene-d5	8.70	82	872901	104.59	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	534127	147.95	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	2099768	103.02	ng	0.00
78) Terphenyl-d14	19.60	244	3903433	98.89	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.33	237	22055	10.07	ng	95
53) 2,4-Dinitrophenol	14.37	184	8769	10.65	ng	89
69) Pentachlorophenol	16.62	266	27601	10.31	ng	88

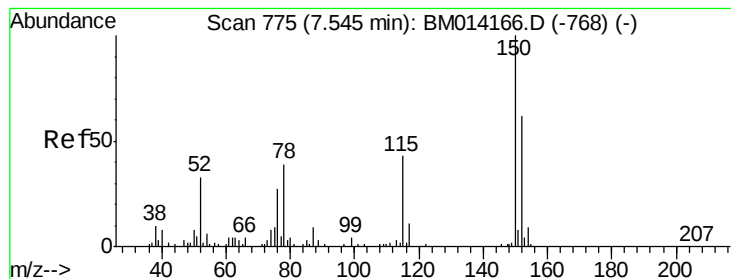
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

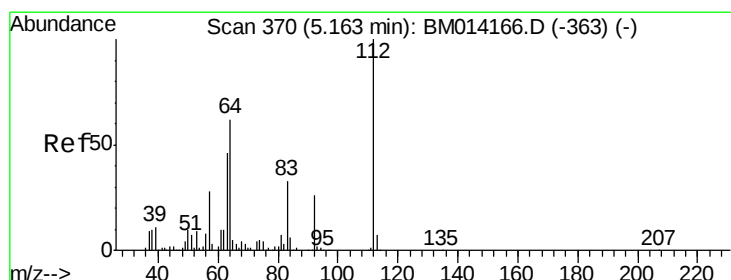
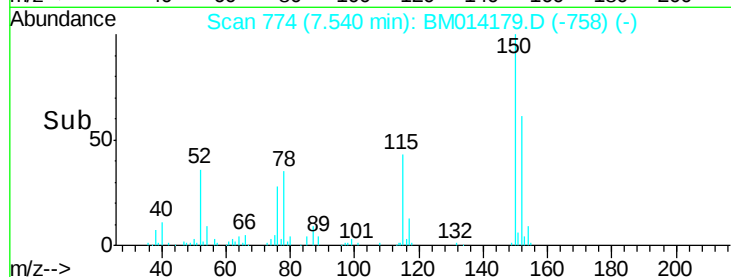
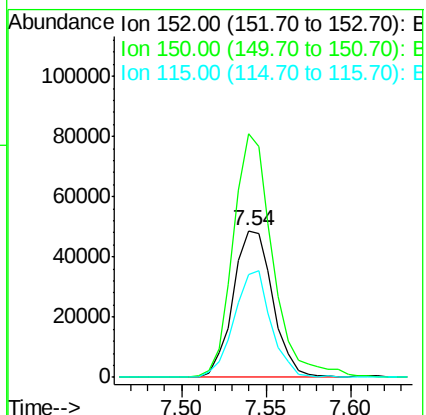
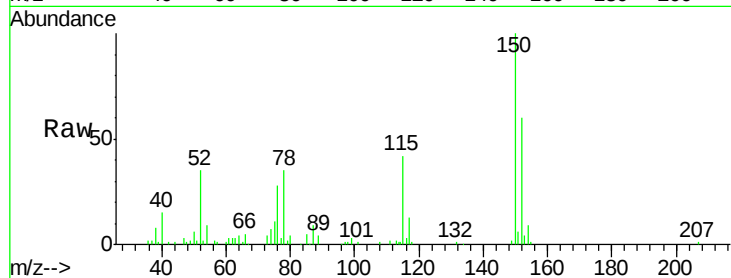
Tgt Ion:152 Resp: 79679

Ion Ratio Lower Upper

152 100

150 166.3 119.5 179.3

115 70.7 43.0 64.4#



#5

2-Fluorophenol

Concen: 143.74 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

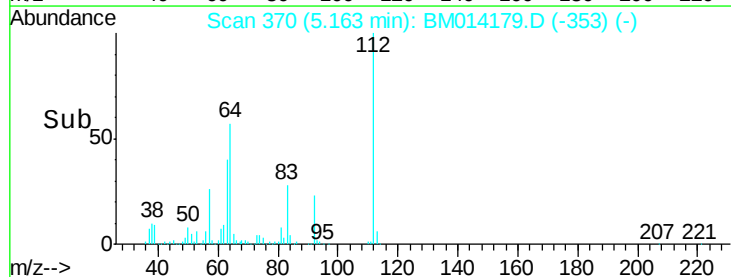
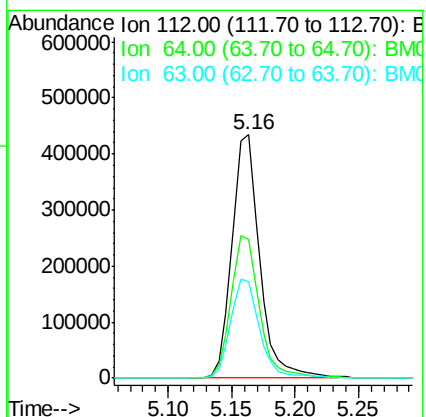
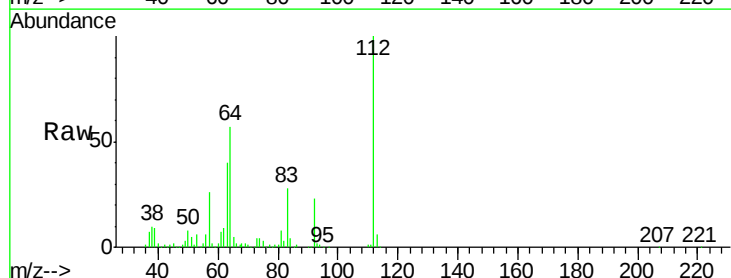
Tgt Ion:112 Resp: 657108

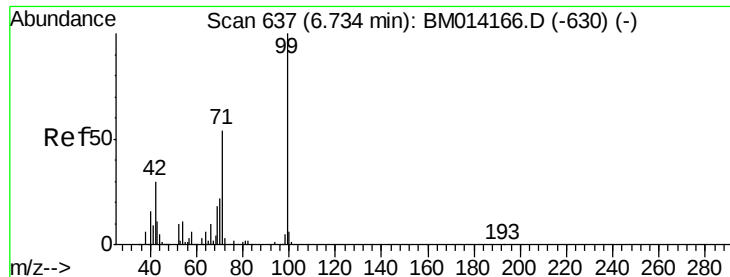
Ion Ratio Lower Upper

112 100

64 57.2 38.6 57.8

63 39.6 19.3 28.9#





#7

Phenol-d6

Concen: 139.05 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

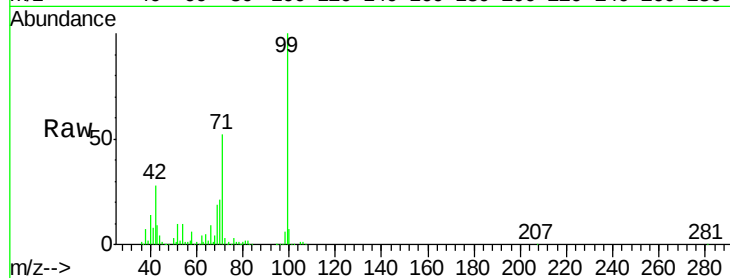
Tgt Ion: 99 Resp: 900262

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

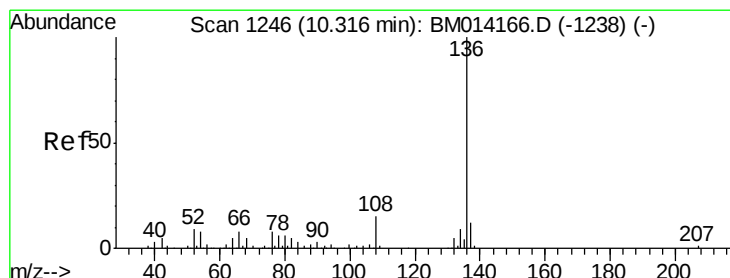
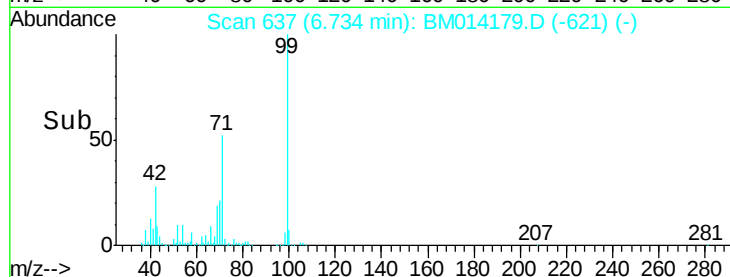
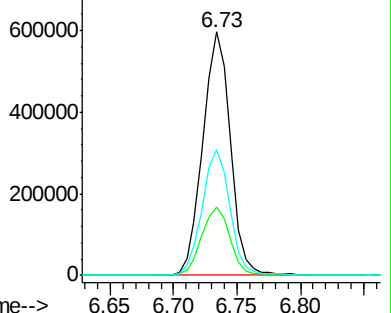
71 51.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

Tgt Ion: 136 Resp: 372799

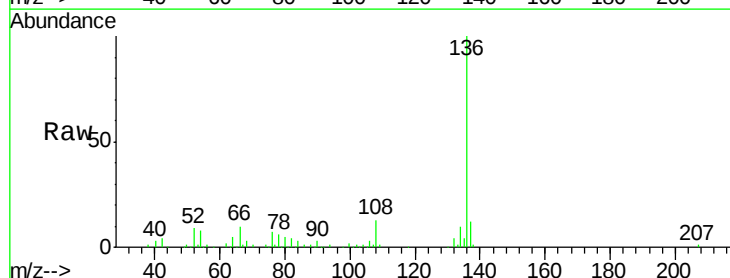
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.1 4.6 6.8#

68 3.3 3.7 5.5#

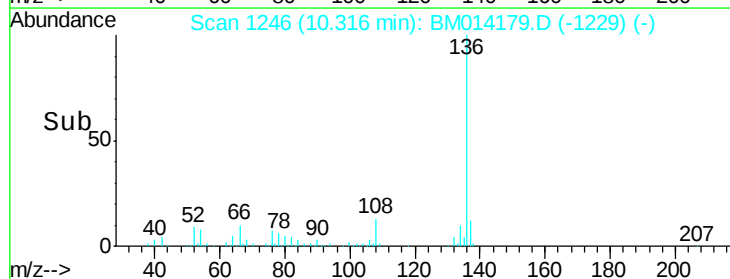
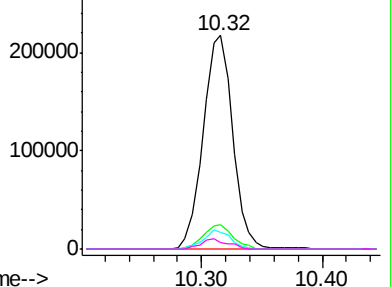


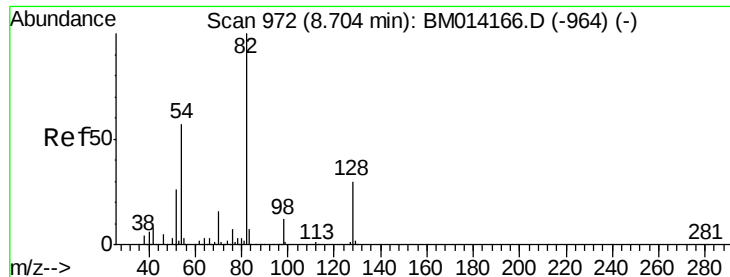
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014166.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014166.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014166.D (-1238) (-)

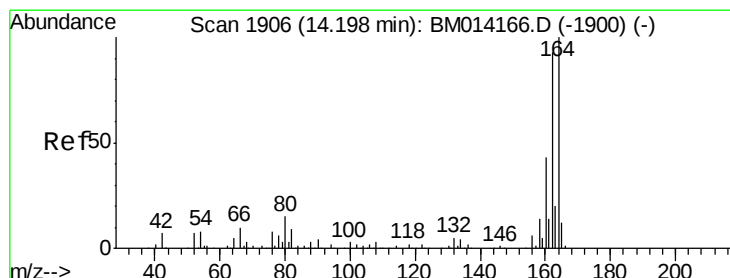
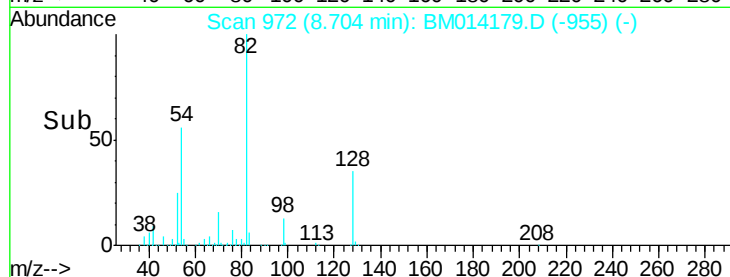
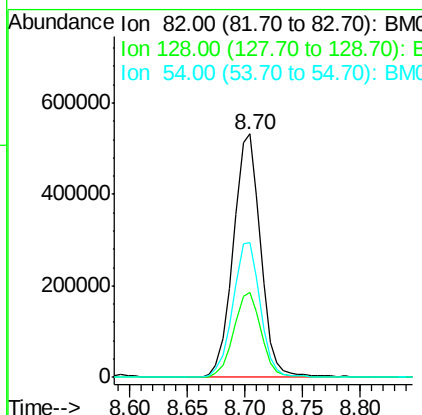
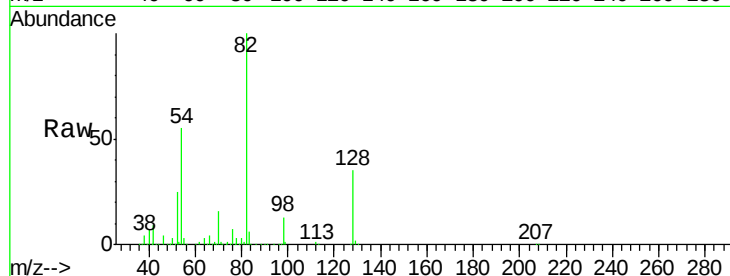




#23
 Nitrobenzene-d5
 Concen: 104.59 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014179.D
 Acq: 08 Feb 2018 02:05

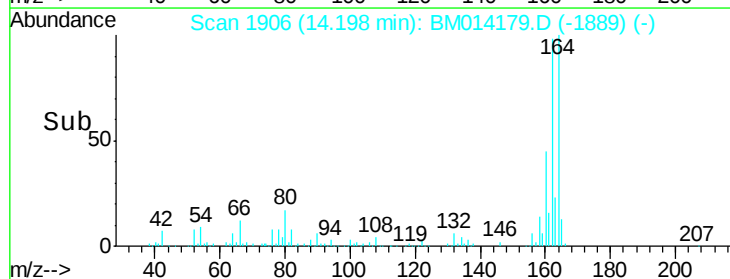
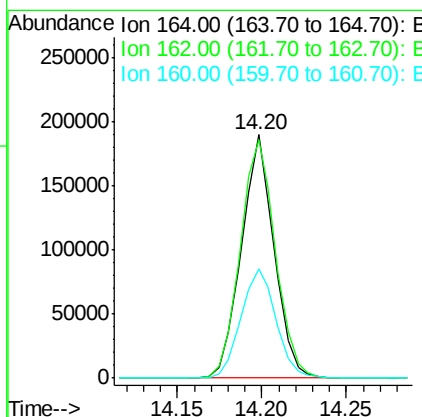
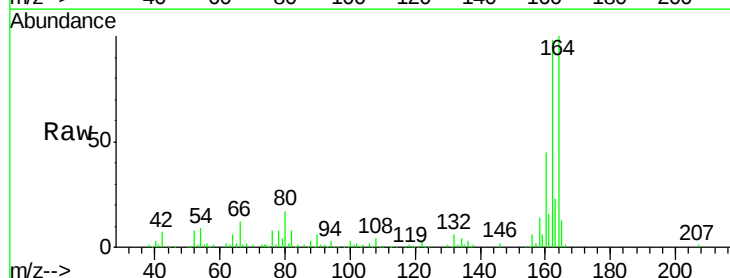
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

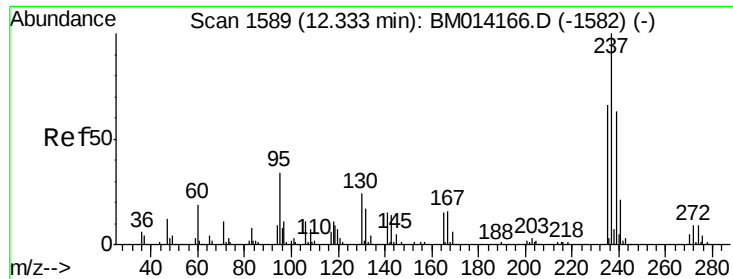
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	32.8	49.2
54	55.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM014179.D
 Acq: 08 Feb 2018 02:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.4	123.6
160	44.8	35.8	53.6





#40

Hexachlorocyclopentadiene

Concen: 10.07 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

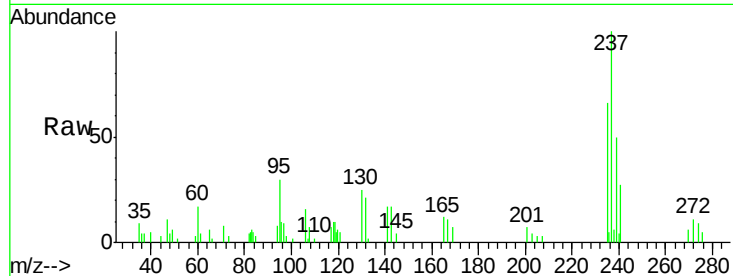
Tgt Ion: 237 Resp: 22055

Ion Ratio Lower Upper

237 100

235 66.1 42.0 82.0

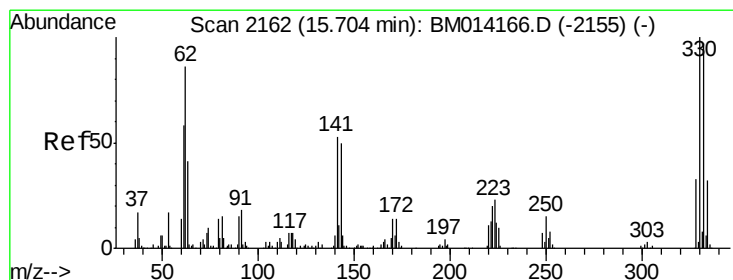
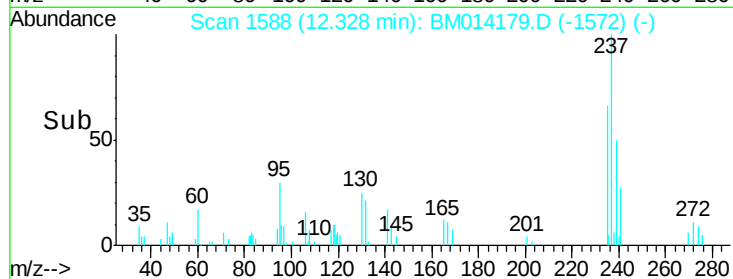
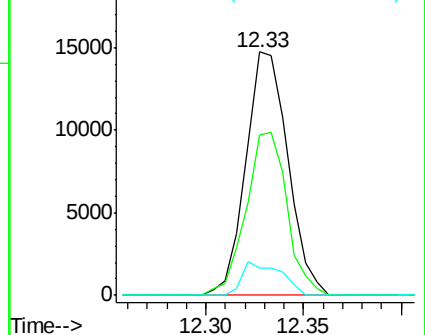
272 11.0 0.0 33.4



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



#41

2,4,6-Tribromophenol

Concen: 147.95 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

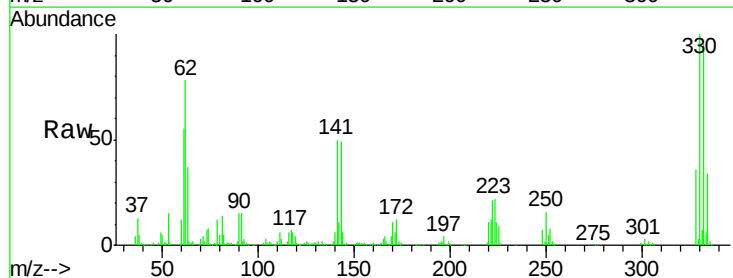
Tgt Ion: 330 Resp: 534127

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

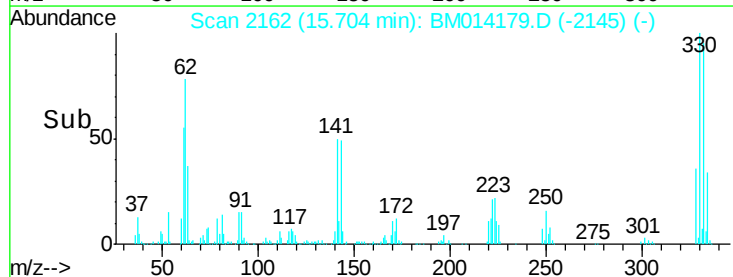
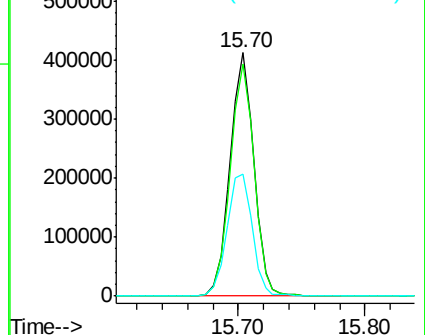
141 53.4 0.0 0.0#

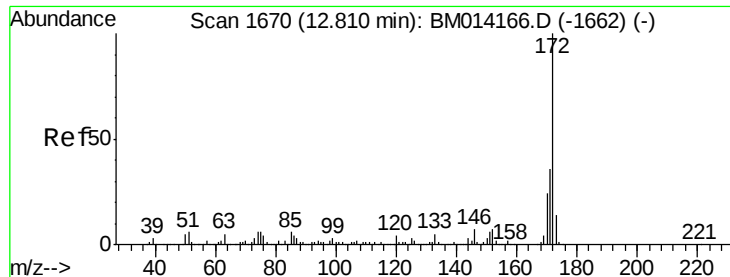


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

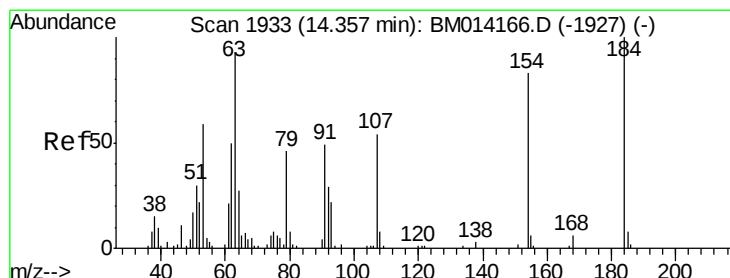
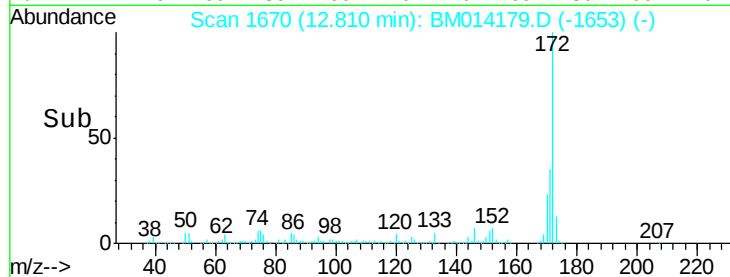
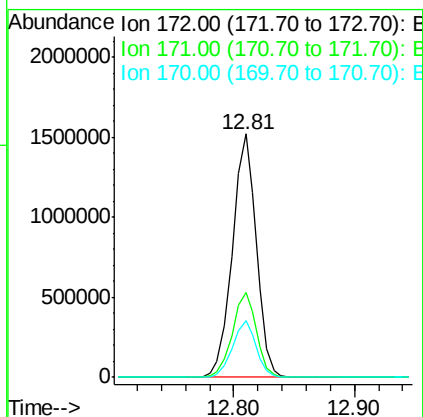
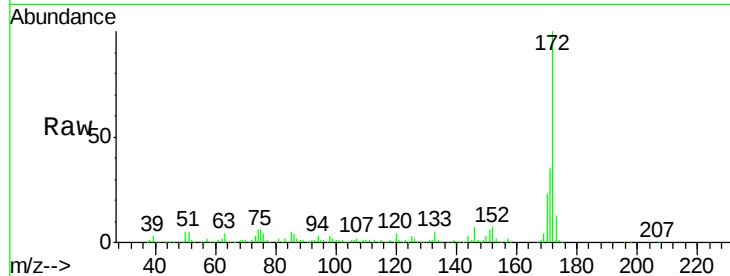




#44
2-Fluorobiphenyl
Concen: 103.02 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014179.D
Acq: 08 Feb 2018 02:05

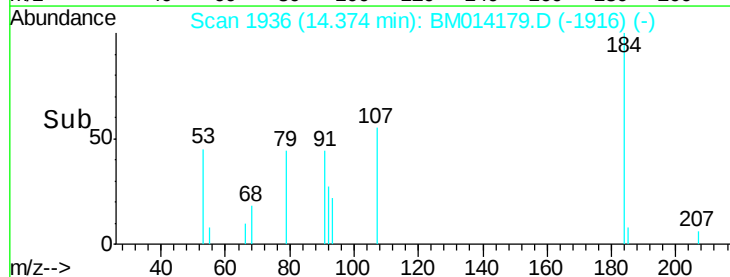
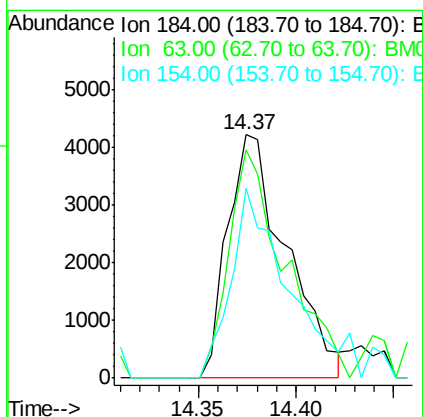
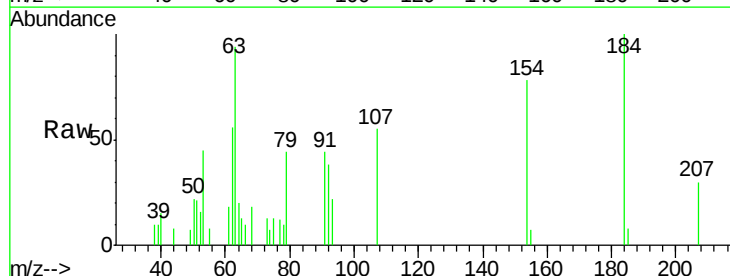
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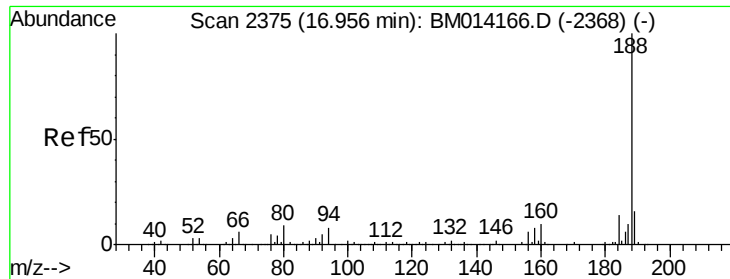
Tgt Ion:172 Resp: 2099768
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.1 18.8 28.2



#53
2,4-Dinitrophenol
Concen: 10.65 ng
RT: 14.37 min Scan# 1936
Delta R.T. 0.02 min
Lab File: BM014179.D
Acq: 08 Feb 2018 02:05

Tgt Ion:184 Resp: 8769
Ion Ratio Lower Upper
184 100
63 93.8 69.2 103.8
154 78.1 53.3 79.9

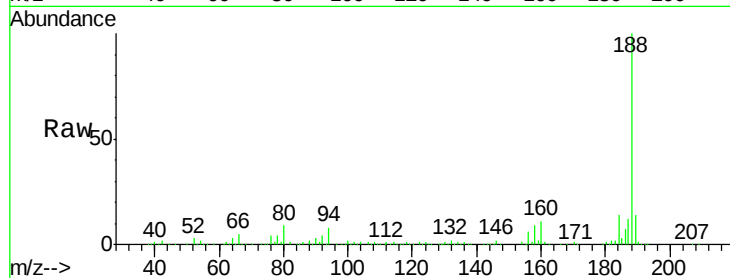




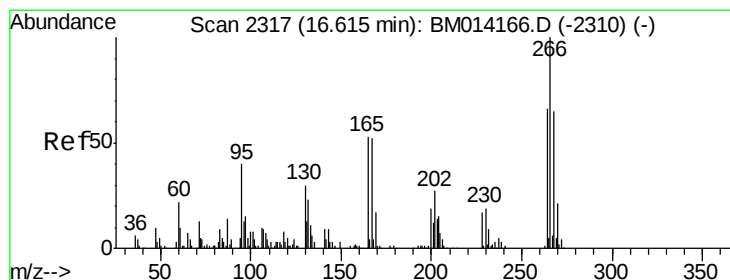
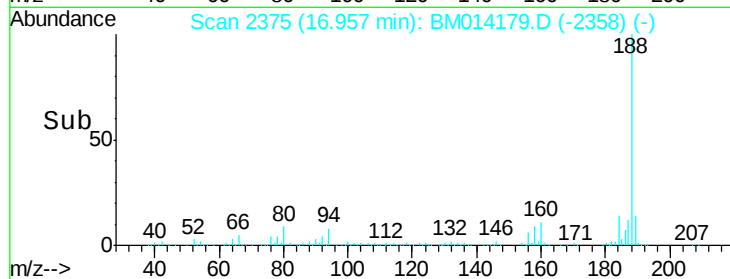
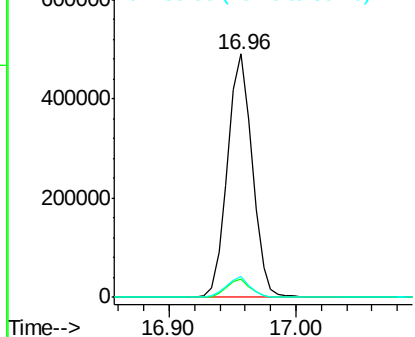
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014179.D
Acq: 08 Feb 2018 02:05

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion:188 Resp: 662722
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.7 9.3 13.9#

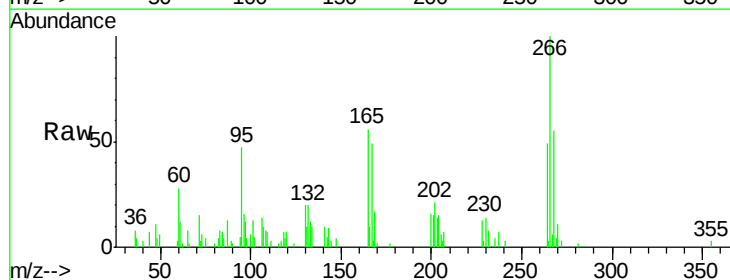


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

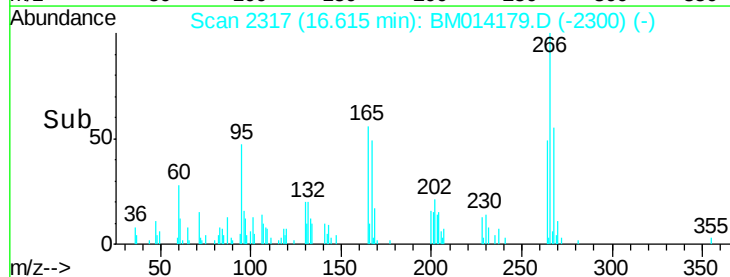
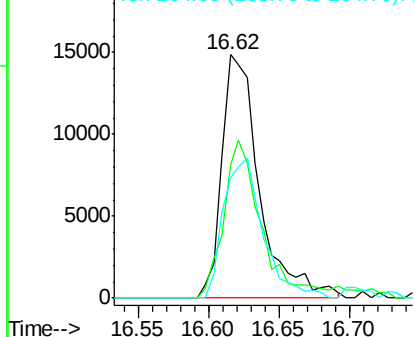


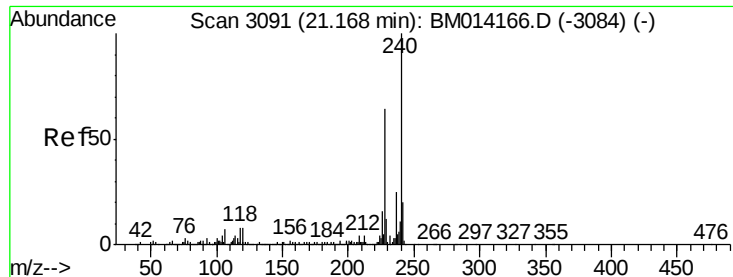
#69
Pentachlorophenol
Concen: 10.31 ng
RT: 16.62 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM014179.D
Acq: 08 Feb 2018 02:05

Tgt Ion:266 Resp: 27601
Ion Ratio Lower Upper
266 100
268 55.0 52.0 78.0
264 52.3 49.0 73.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

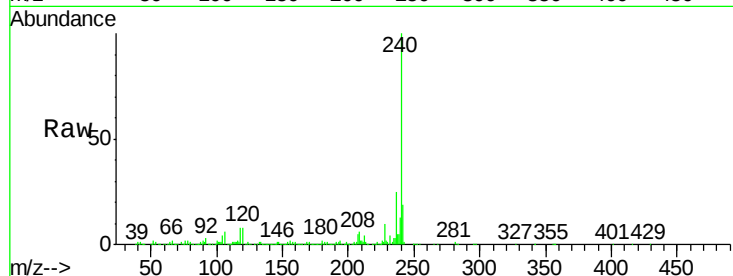
Tgt Ion:240 Resp: 771303

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

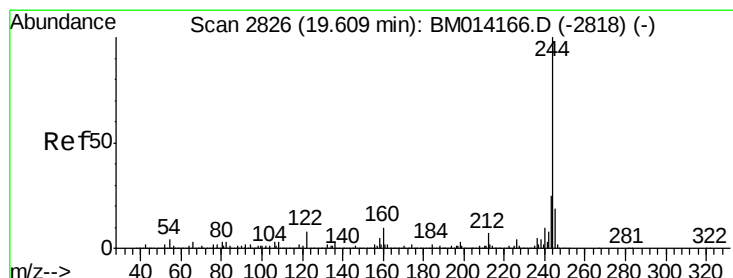
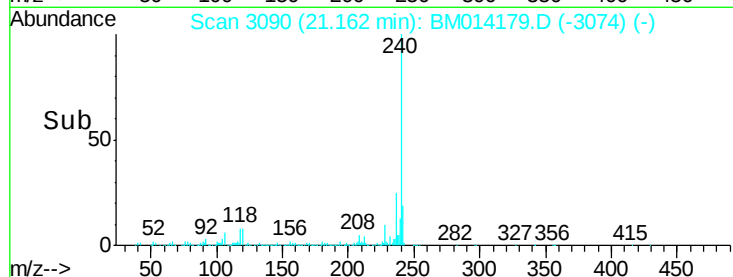
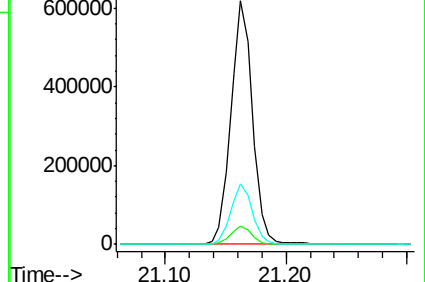
236 24.6 20.0 30.0



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: 98.89 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014179.D

Acq: 08 Feb 2018 02:05

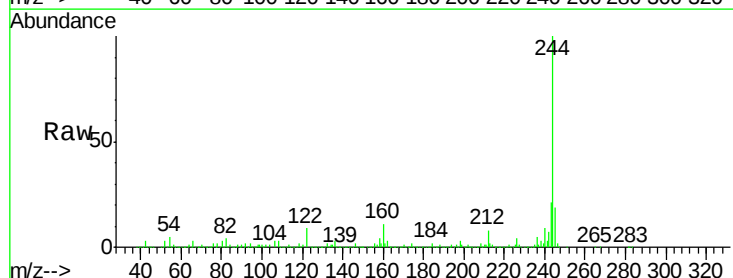
Tgt Ion:244 Resp: 3903433

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

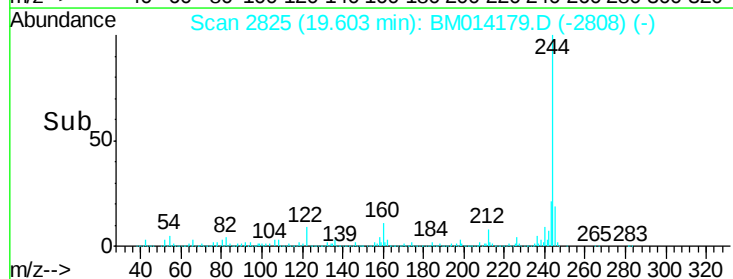
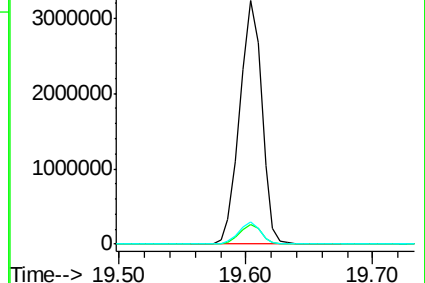
122 9.1 6.2 9.4

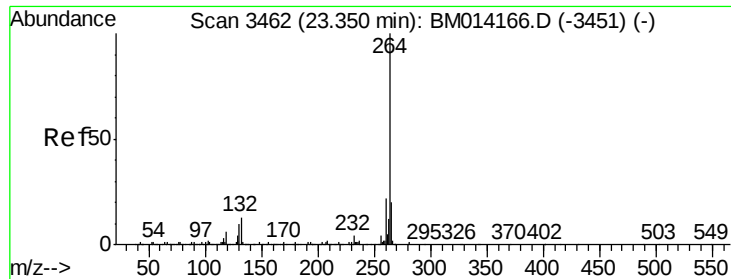


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014179.D
Acq: 08 Feb 2018 02:05

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.0	17.3	25.9

