

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
 Data File : BM016044.D
 Acq On : 24 Jul 2018 02:21
 Operator : SJ/JU
 Sample : J3762-07
 Misc : LOD 8 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 24 08:37:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

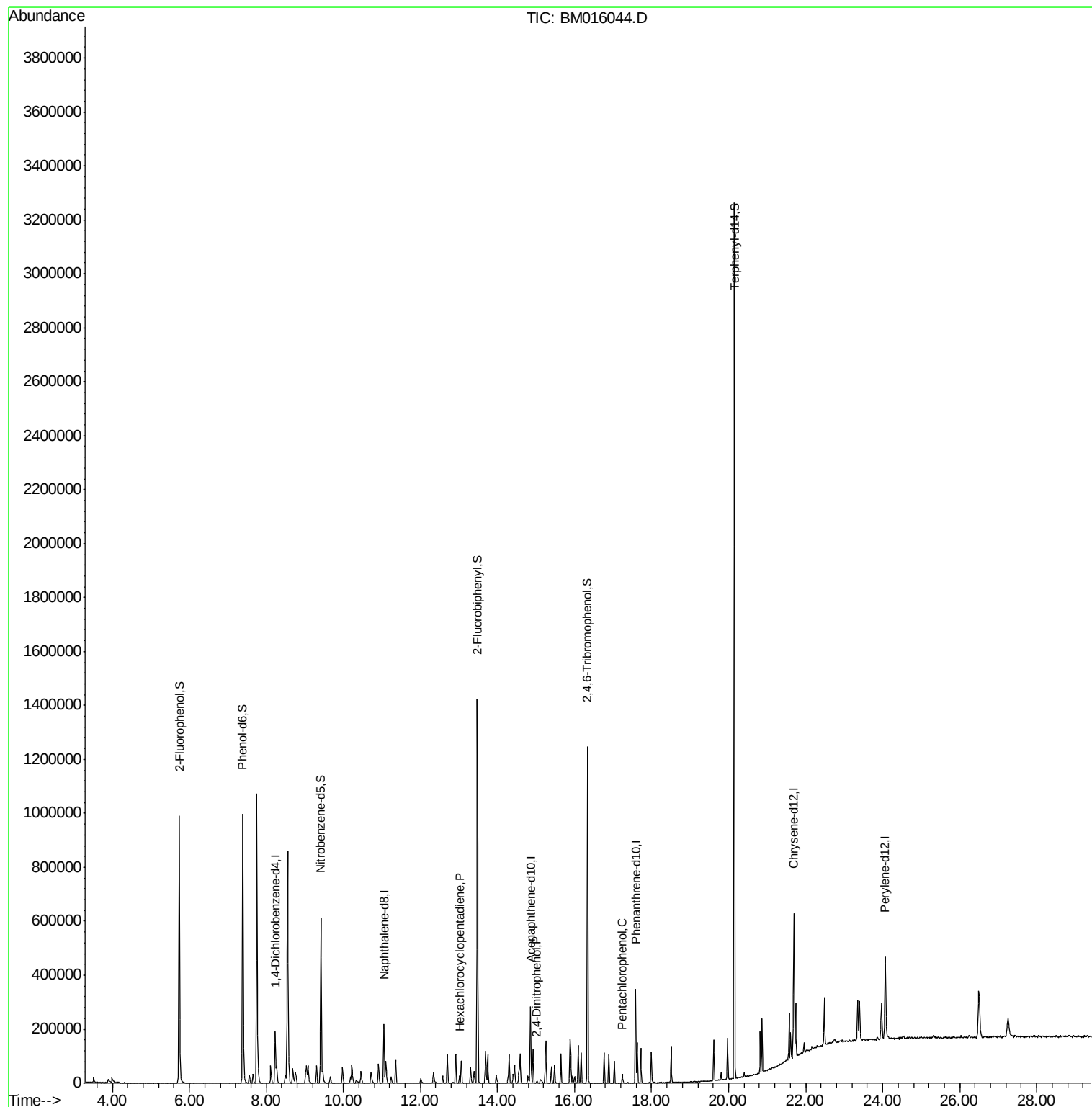
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41478	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	157224	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	82659	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	176016	20.00	ng	0.00
75) Chrysene-d12	21.70	240	189160	20.00	ng	0.00
86) Perylene-d12	24.07	264	201271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	325210	130.24	ng	0.00
7) Phenol-d6	7.39	99	395134	121.17	ng	0.00
23) Nitrobenzene-d5	9.42	82	299721	88.67	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	135738	129.47	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	595169	87.61	ng	0.00
78) Terphenyl-d14	20.15	244	1096858	121.38	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.02	237	6545	11.956	ng	98
53) 2,4-Dinitrophenol	15.02	184	2347	9.587	ng	99
69) Pentachlorophenol	17.24	266	5702	4.195	ng	92

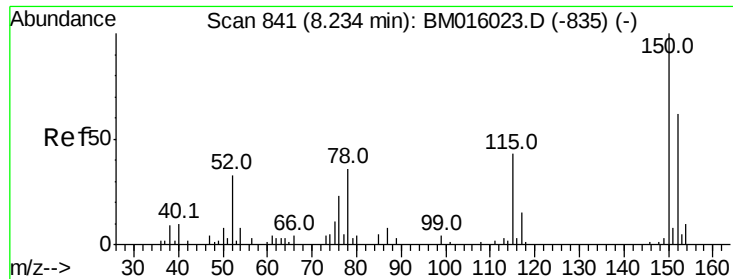
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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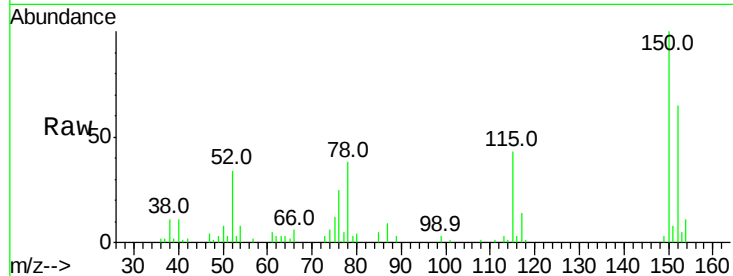


#1

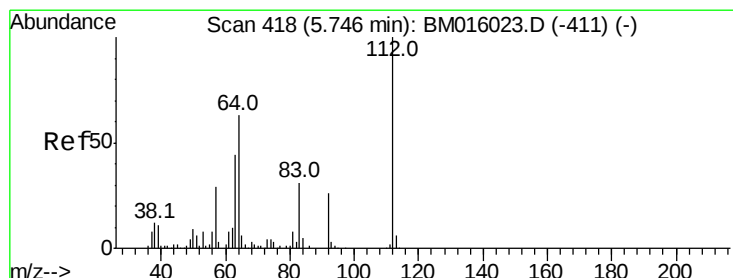
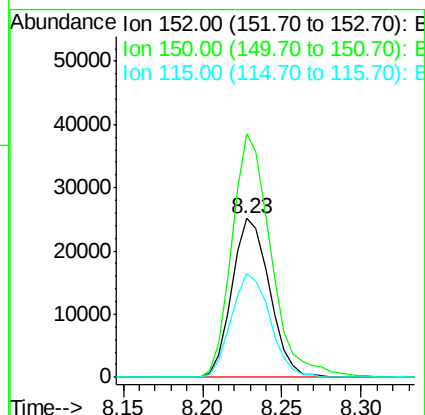
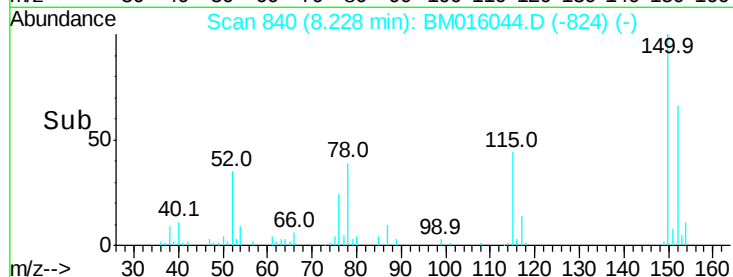
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.23 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion:152 Resp: 41478
 Ion Ratio Lower Upper
 152 100
 150 153.6 119.5 179.3
 115 66.0 43.0 64.4#



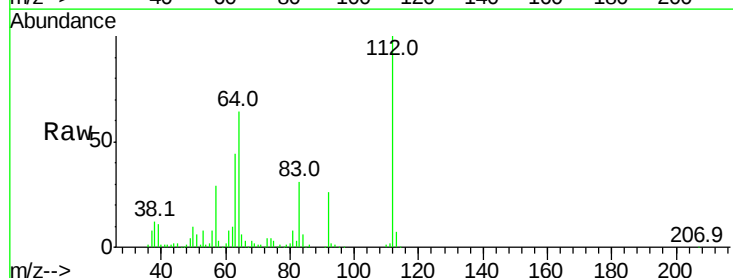
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



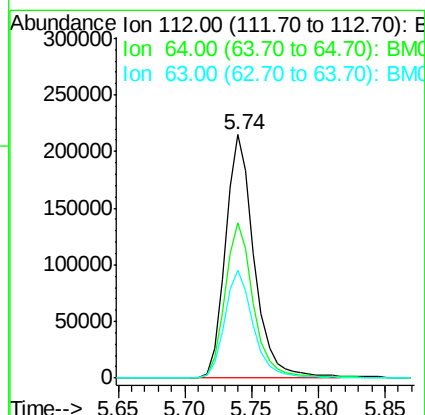
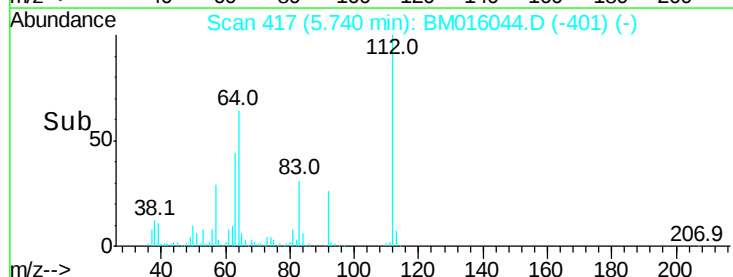
#5

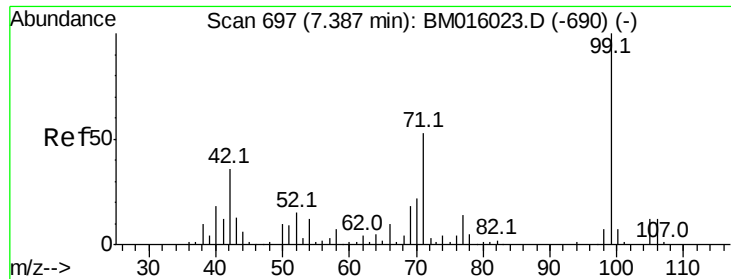
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.74 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:112 Resp: 325210
 Ion Ratio Lower Upper
 112 100
 64 64.0 38.6 57.8#
 63 44.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

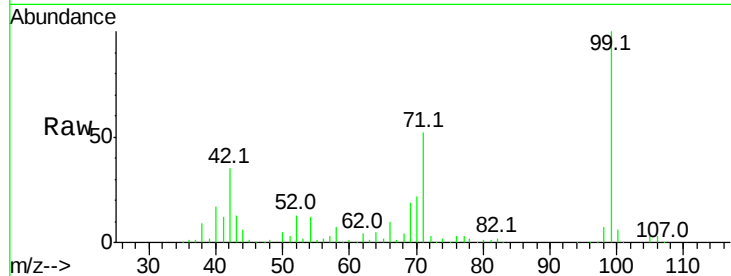
Tot Ion: 99 Resp: 395134

Ion Ratio Lower Upper

99 100

42 35.1 11.0 16.4#

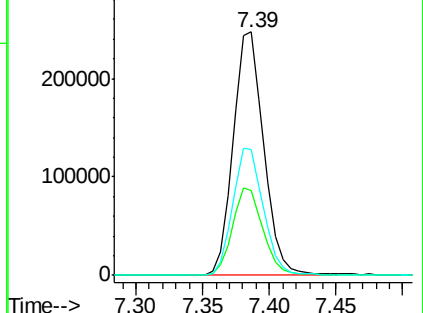
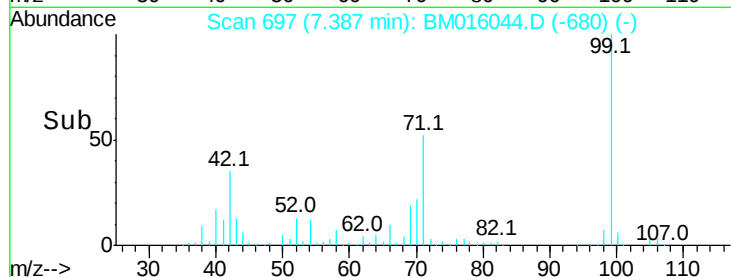
71 51.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.05 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Tgt Ion: 136 Resp: 157224

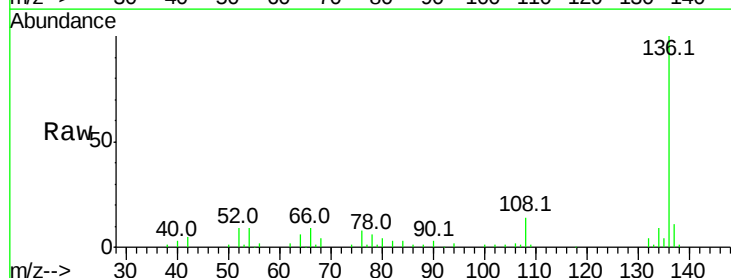
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.3 4.6 6.8#

68 3.8 3.7 5.5

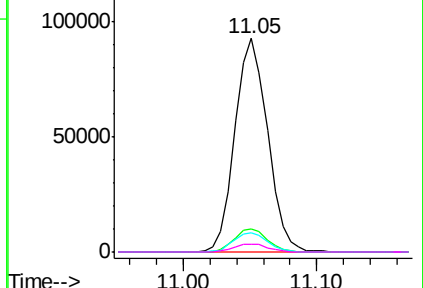
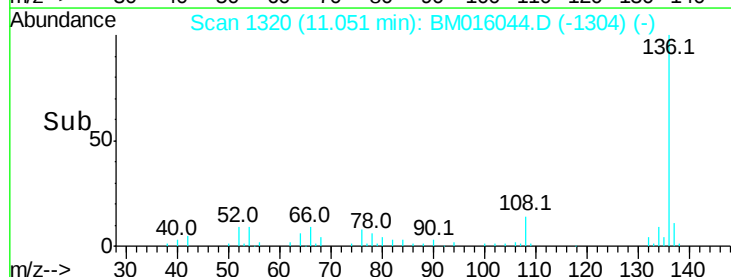


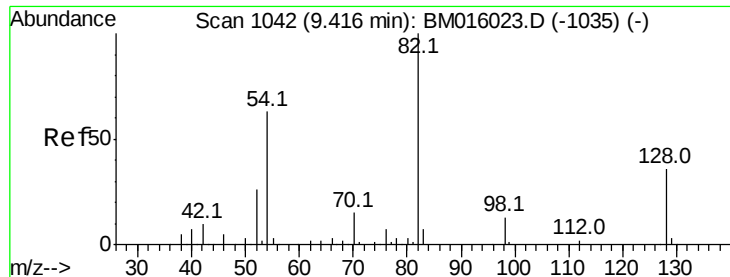
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

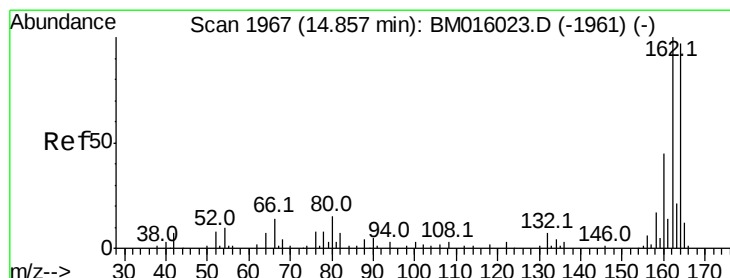
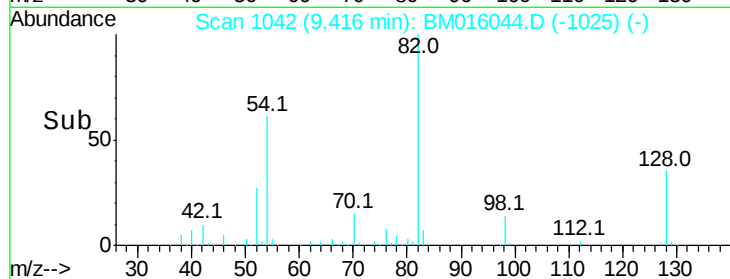
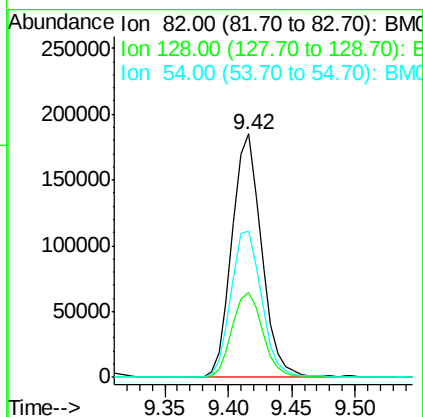
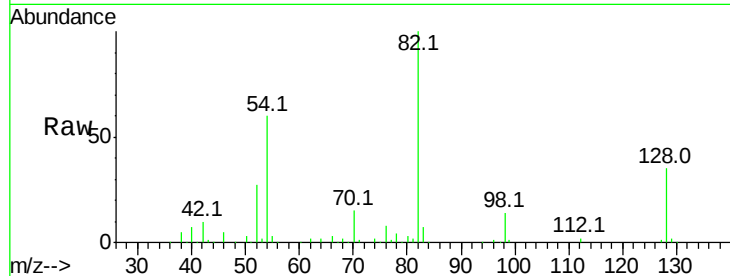




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

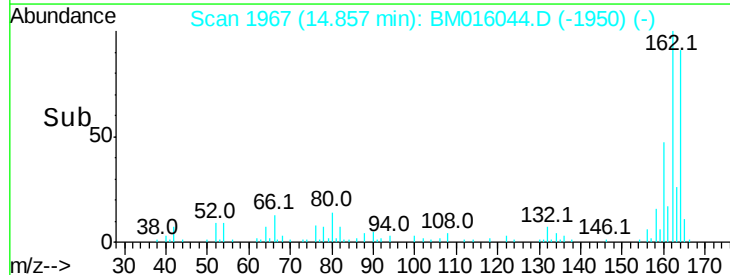
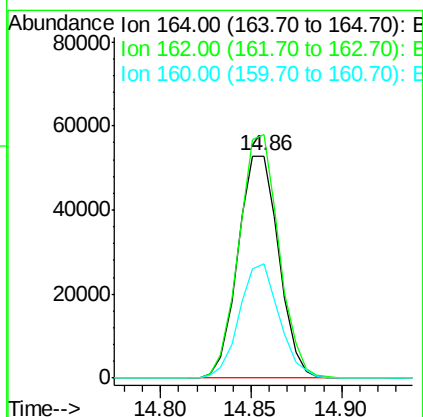
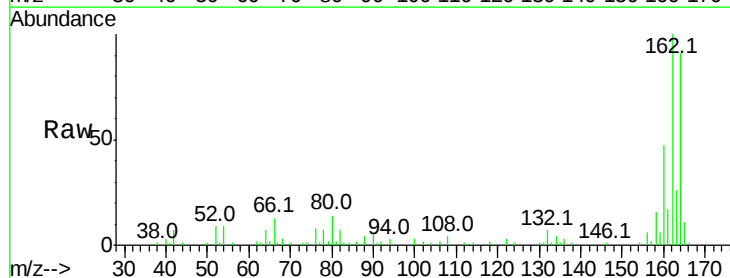
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

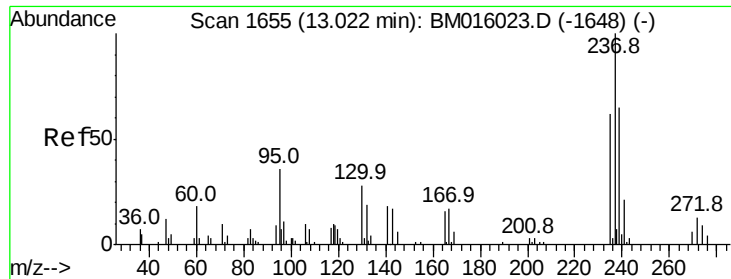
Tot Ion	82	Resp	299721
Ion Ratio	100	Lower	Upper
128	35.0	32.8	49.2
54	60.1	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion	164	Resp	82659
Ion Ratio	100	Lower	Upper
162	109.6	82.4	123.6
160	51.2	35.8	53.6

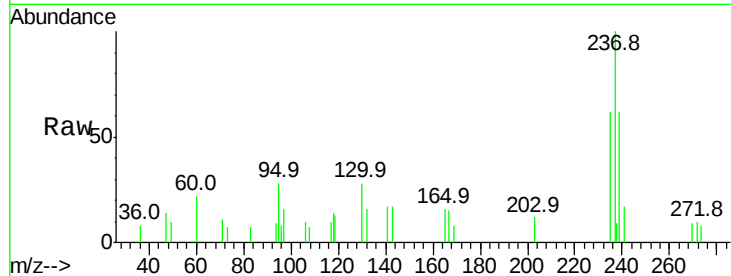




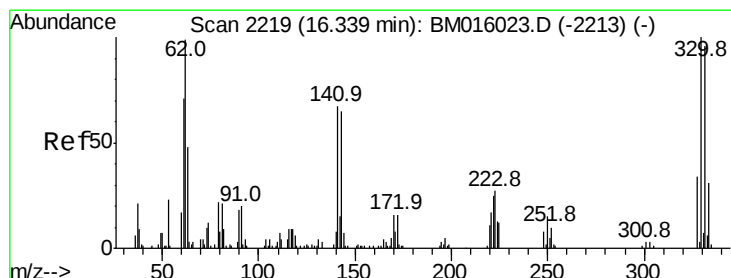
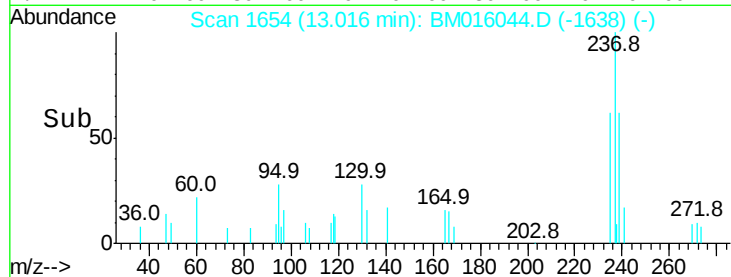
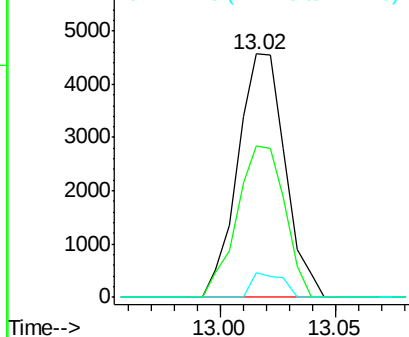
#40
Hexachlorocyclopentadiene
Concen: 11.956 ng
RT: 13.02 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:237 Resp: 6545
Ion Ratio Lower Upper
237 100
235 62.3 42.0 82.0
272 10.2 0.0 33.4

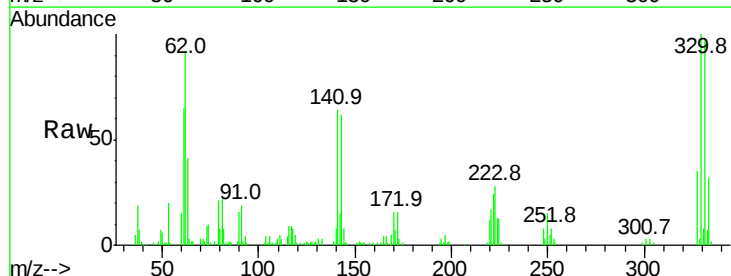


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

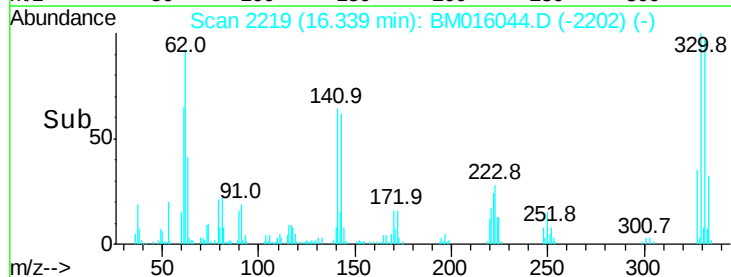
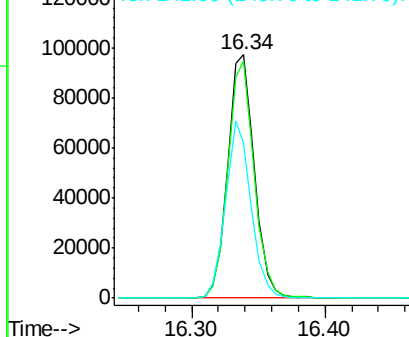


#41
2,4,6-Tribromophenol
Concen: 11.956 ng
RT: 16.34 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:330 Resp: 135738
Ion Ratio Lower Upper
330 100
332 96.3 0.0 0.0#
141 69.7 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

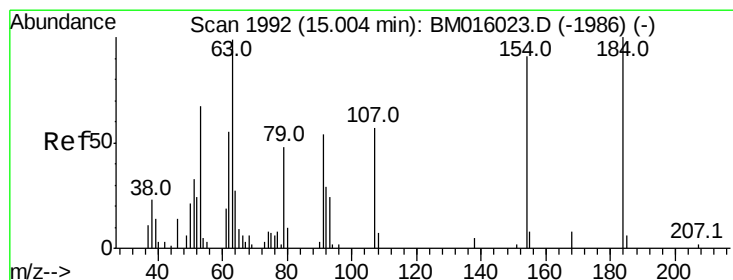
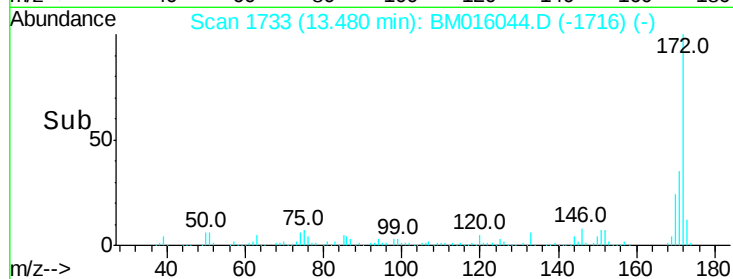
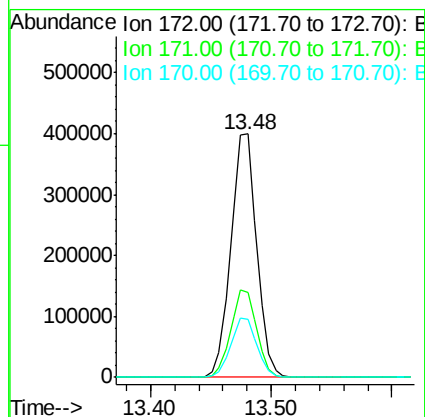
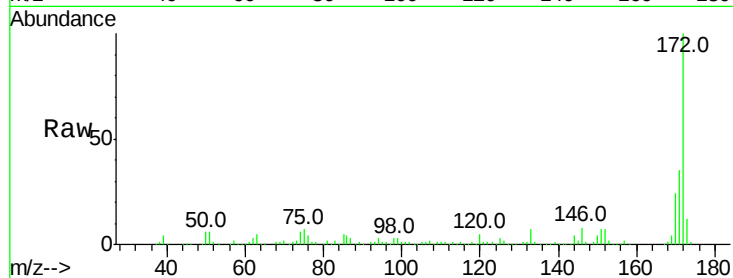




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

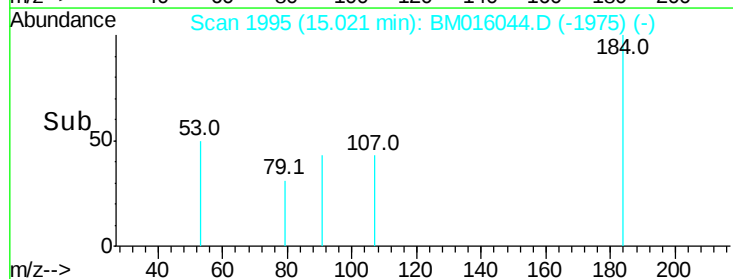
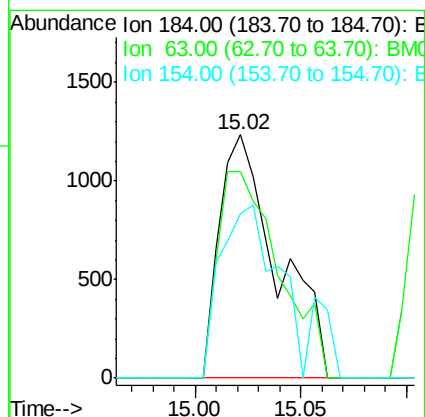
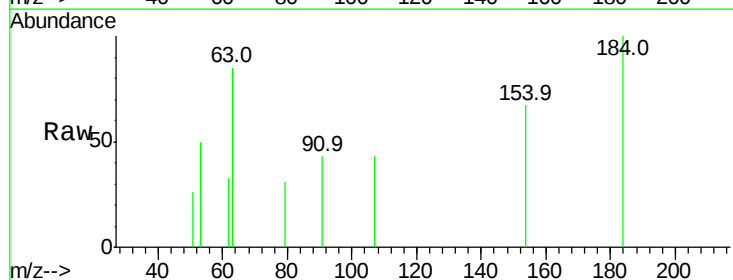
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

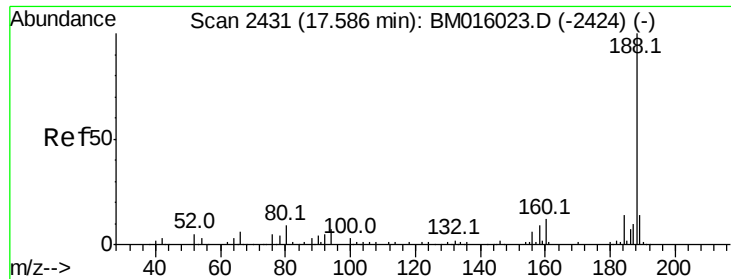
Tot Ion:172 Resp: 595169
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.7 18.8 28.2



#53
 2,4-Dinitrophenol
 Concen: 9.587 ng
 RT: 15.02 min Scan# 1995
 Delta R.T. 0.02 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:184 Resp: 2347
 Ion Ratio Lower Upper
 184 100
 63 84.9 69.2 103.8
 154 67.4 53.3 79.9

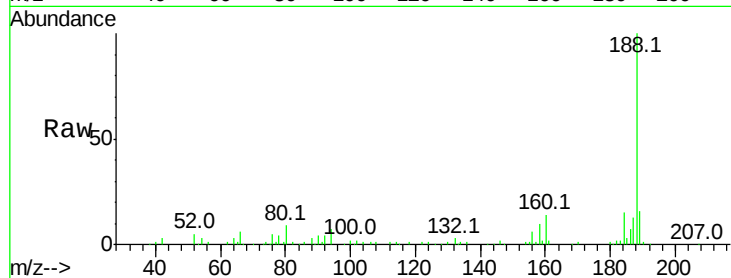




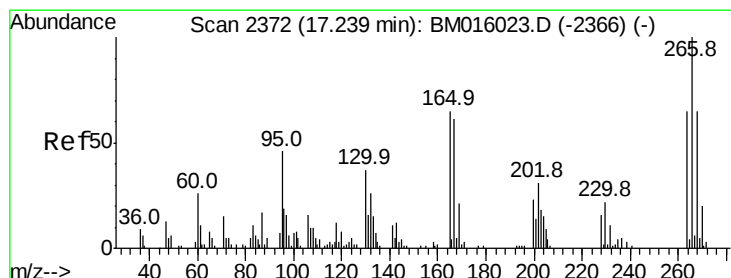
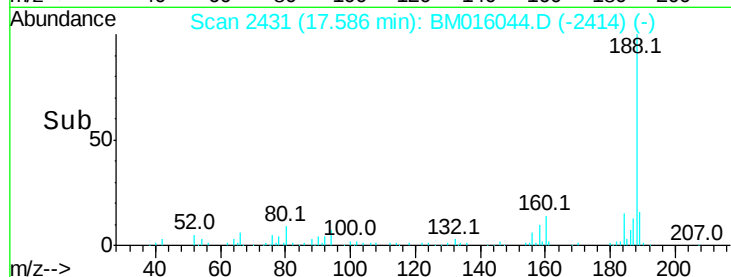
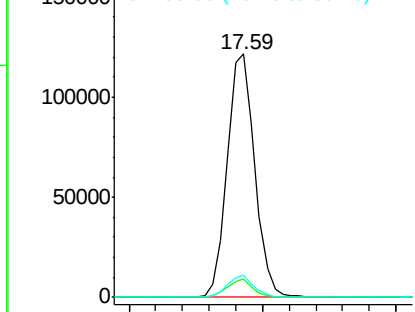
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:188 Resp: 176016
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.9 9.3 13.9#

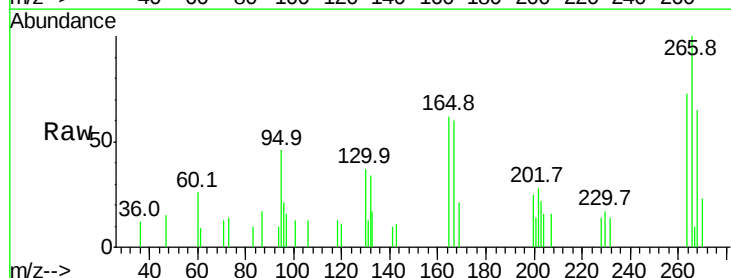


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

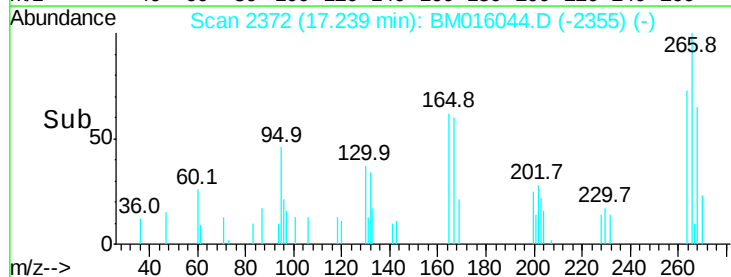
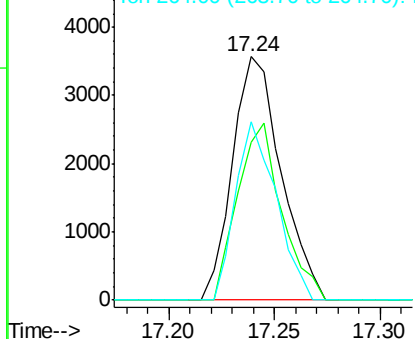


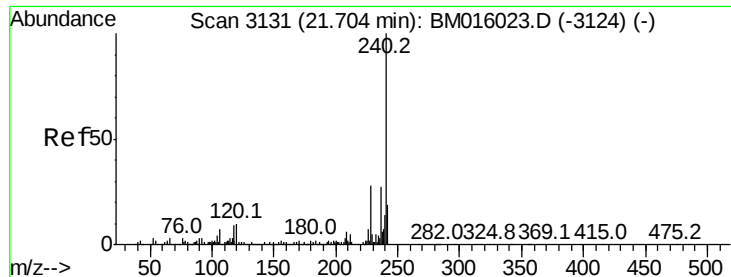
#69
Pentachlorophenol
Concen: 4.195 ng
RT: 17.24 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:266 Resp: 5702
Ion Ratio Lower Upper
266 100
268 65.0 52.0 78.0
264 73.3 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: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

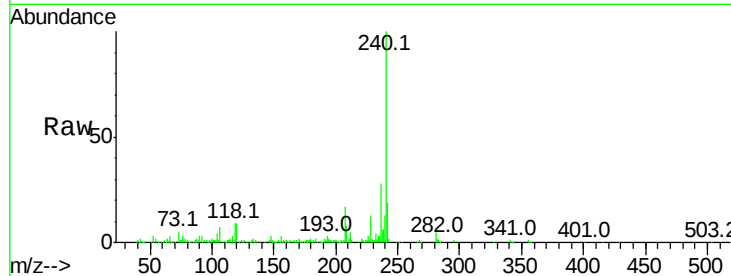
Tot Ion:240 Resp: 189160

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

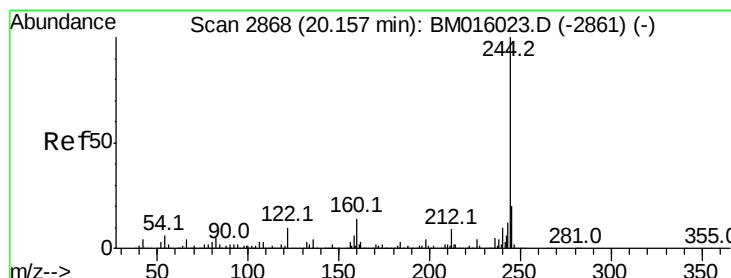
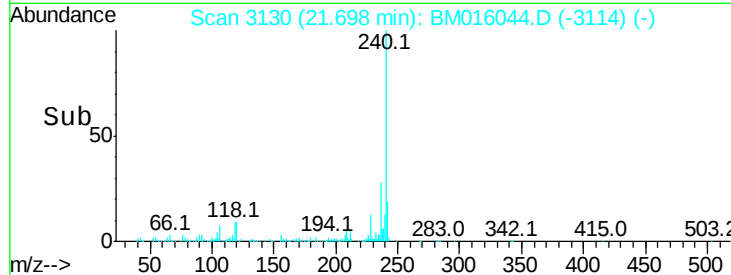
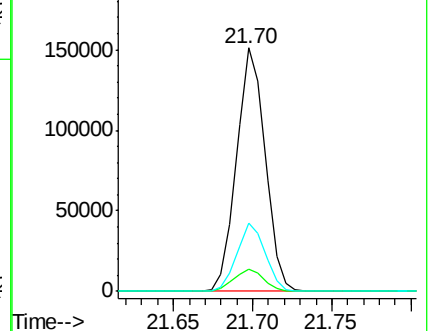
236 28.3 20.0 30.0



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: N.D. ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

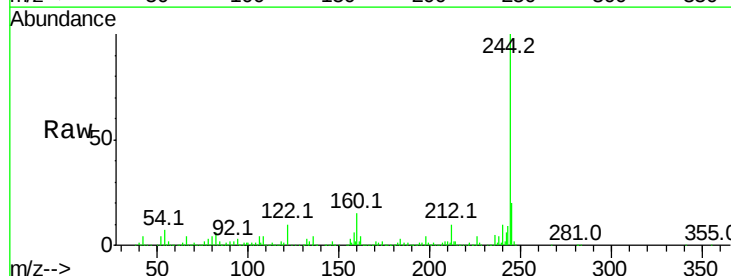
Tgt Ion:244 Resp: 1096858

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

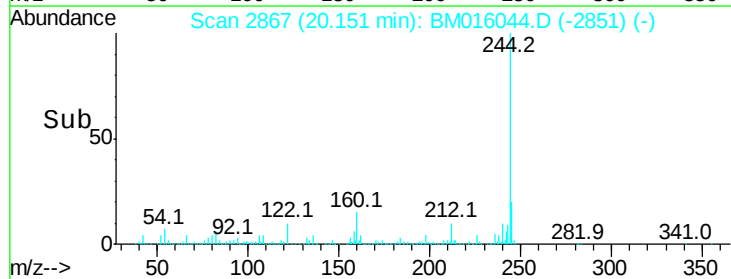
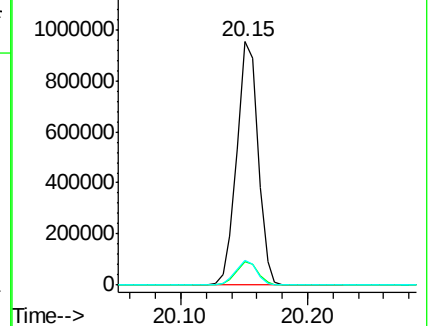
122 10.0 6.2 9.4#

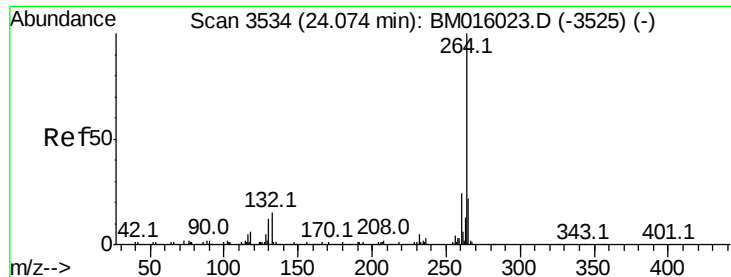


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

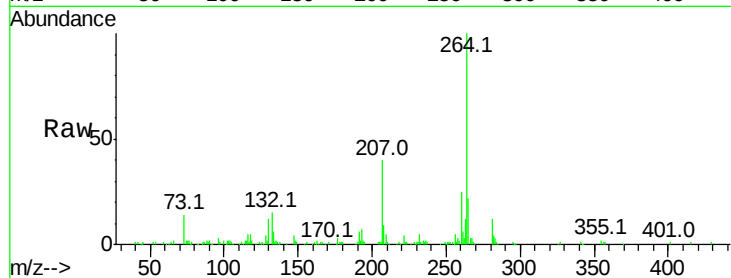




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:	264	Resp:	201271
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.1	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

