

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
 Data File : BM016052.D
 Acq On : 24 Jul 2018 07:15
 Operator : SJ/JU
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 24 09:39:10 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

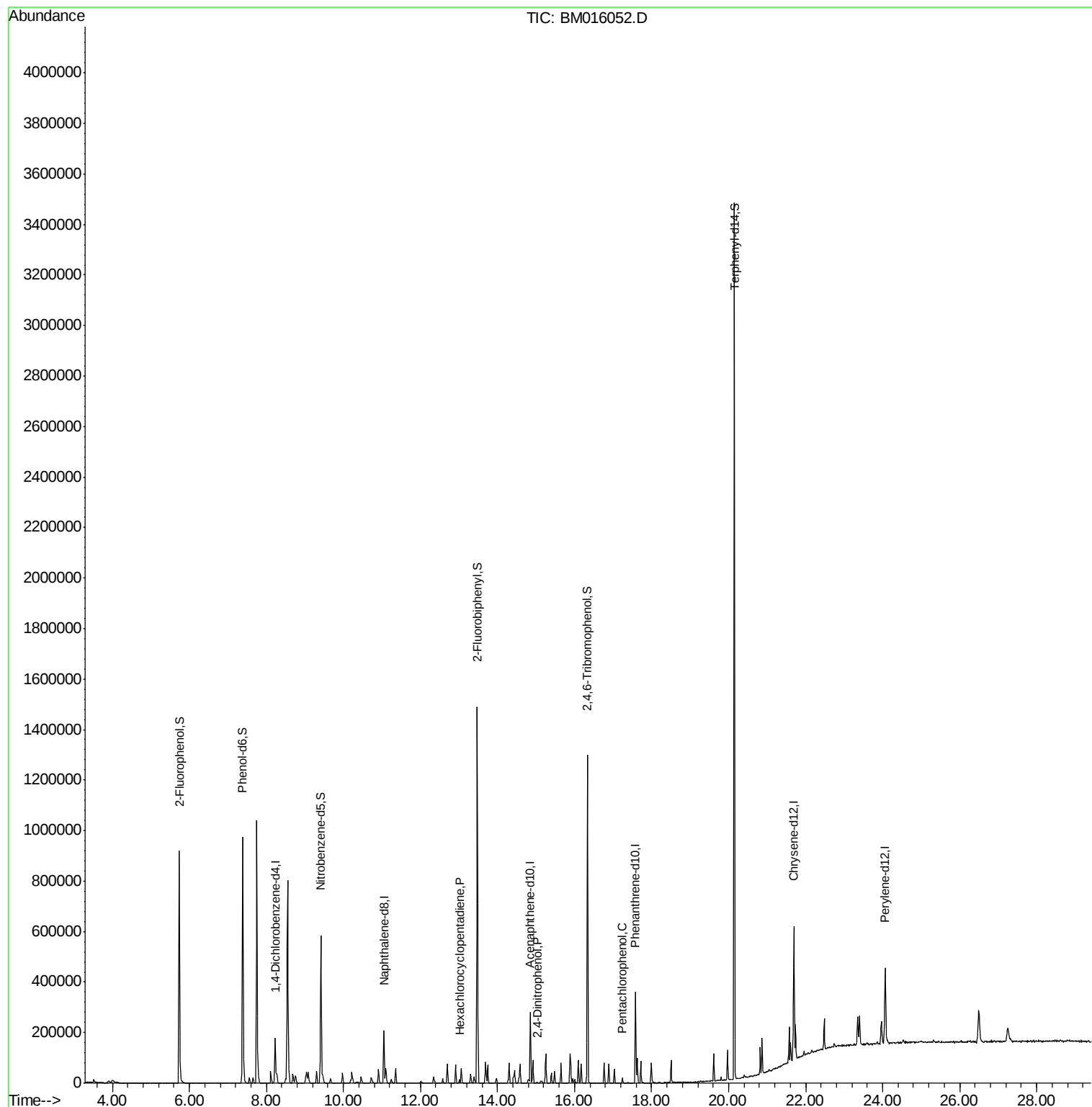
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	39111	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	152105	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	81094	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	173201	20.00	ng	0.00
75) Chrysene-d12	21.70	240	192760	20.00	ng	0.00
86) Perylene-d12	24.07	264	204406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	305682	129.83	ng	0.00
7) Phenol-d6	7.38	99	381357	124.03	ng	0.00
23) Nitrobenzene-d5	9.41	82	293686	89.80	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	133568	129.86	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	594342	89.18	ng	0.00
78) Terphenyl-d14	20.15	244	1132921	123.03	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.01	237	4047	10.372	ng	87
53) 2,4-Dinitrophenol	15.04	184	1308	8.089	ng	# 57
69) Pentachlorophenol	17.24	266	3907	2.921	ng	94

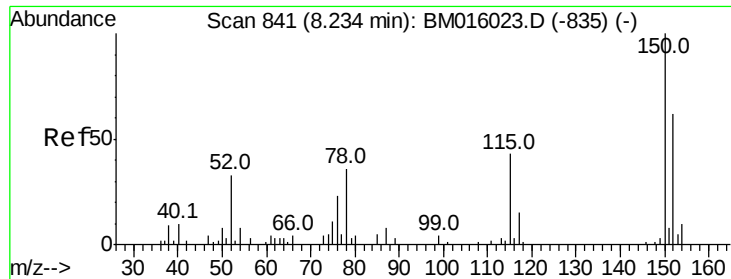
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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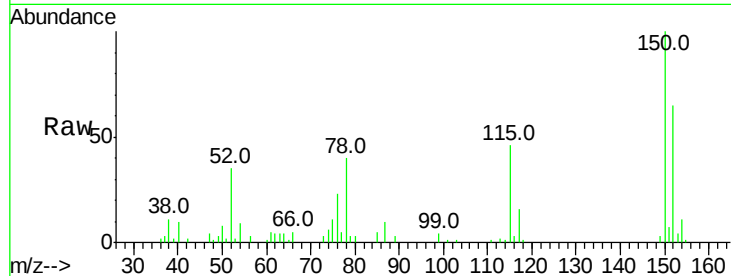


#1

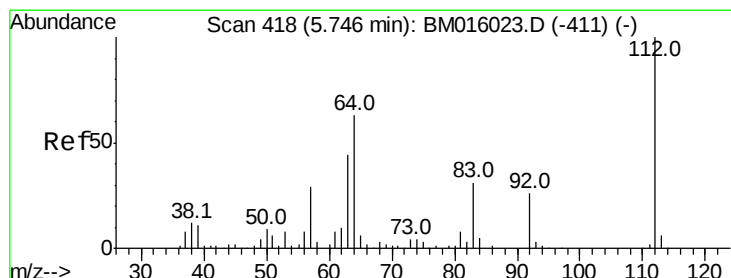
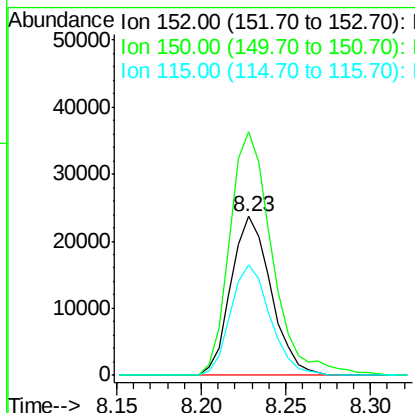
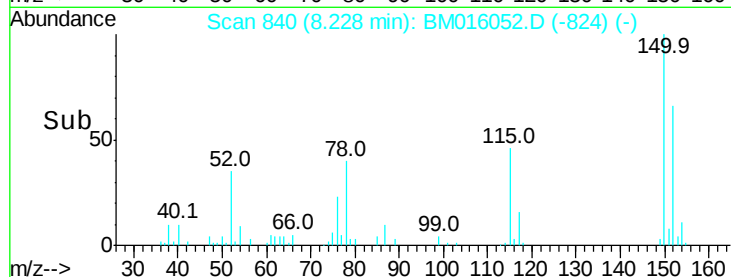
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:152 Resp: 39111
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 69.8 43.0 64.4#



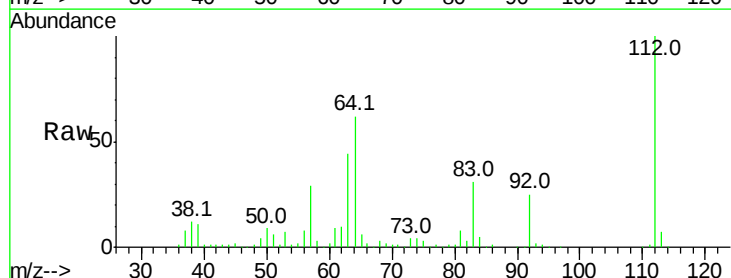
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



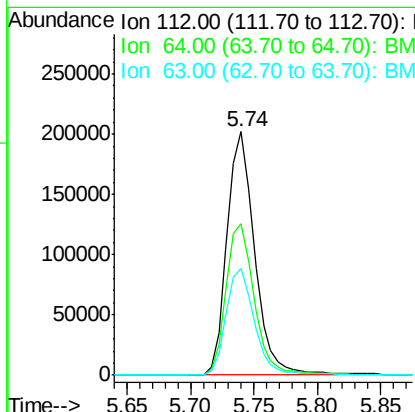
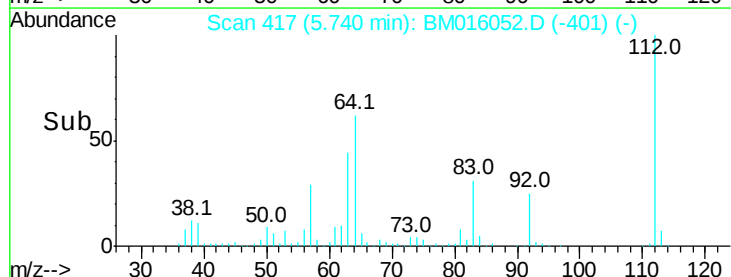
#5

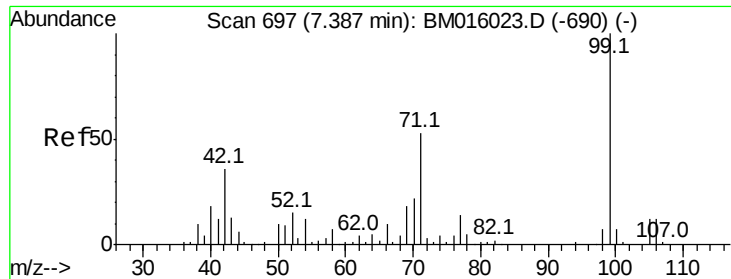
2-Fluorophenol
Concen: N.D. ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:112 Resp: 305682
Ion Ratio Lower Upper
112 100
64 62.2 38.6 57.8#
63 44.0 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: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

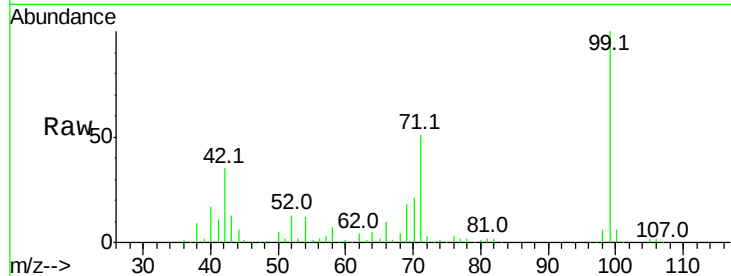
Tot Ion: 99 Resp: 381357

Ion Ratio Lower Upper

99 100

42 35.5 11.0 16.4#

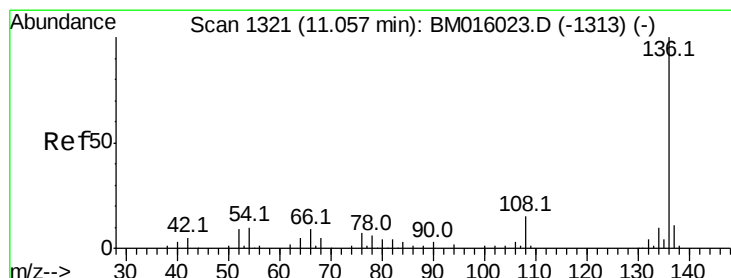
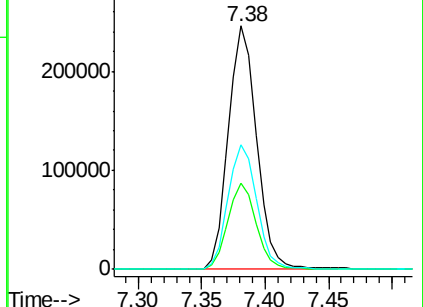
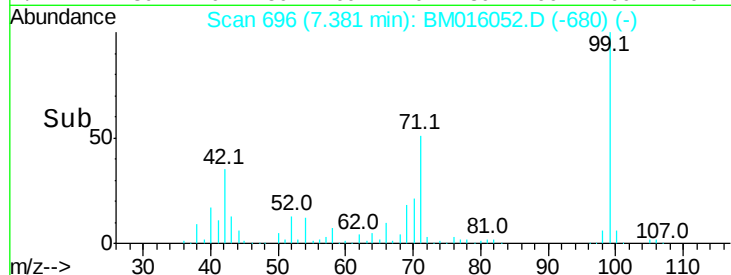
71 51.2 23.4 35.2#



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: BM016052.D

Acq: 24 Jul 2018 07:15

Tgt Ion: 136 Resp: 152105

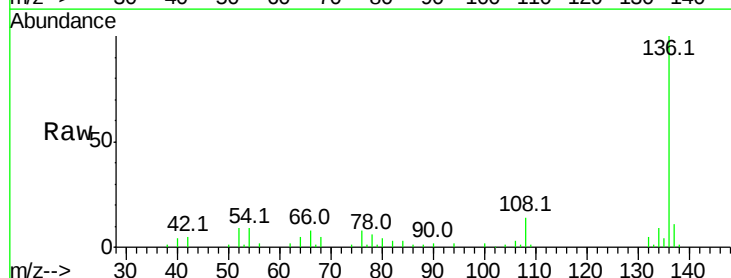
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.1 4.6 6.8#

68 4.7 3.7 5.5

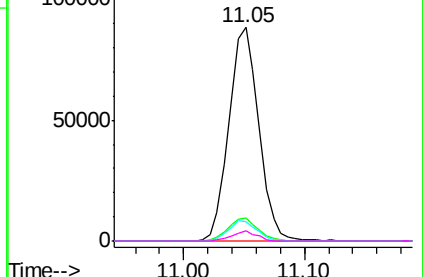
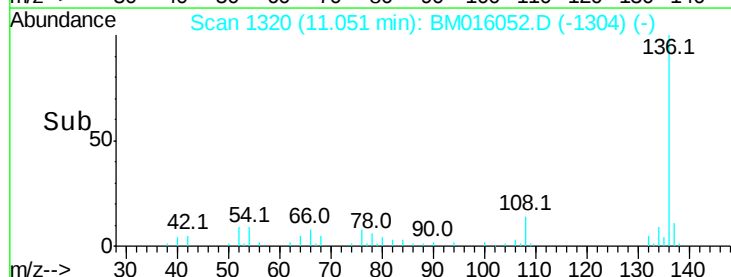


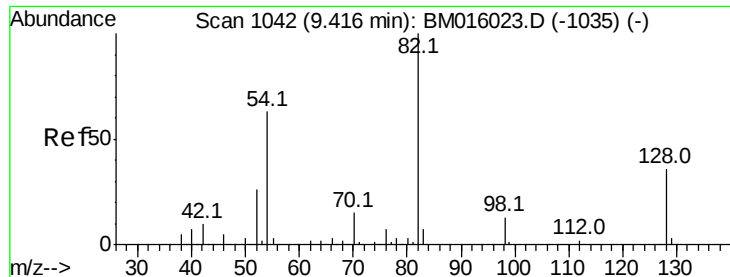
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

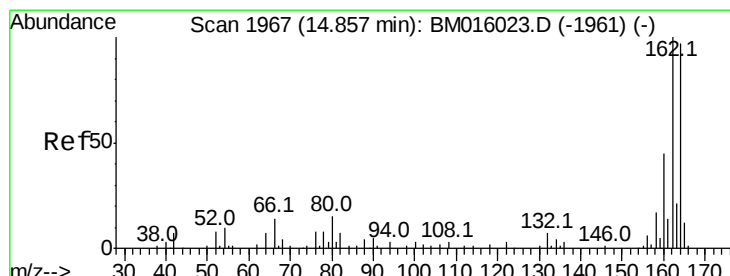
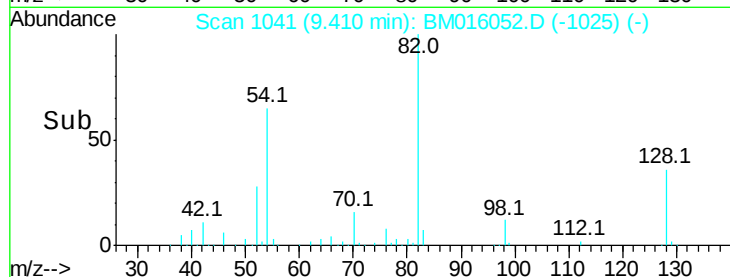
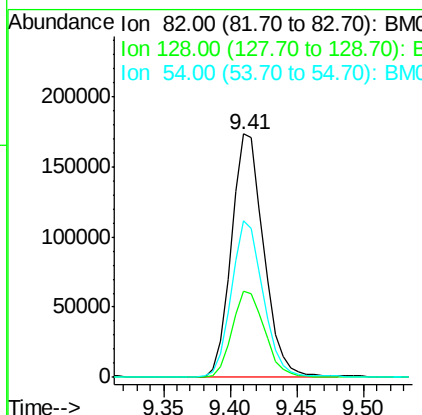
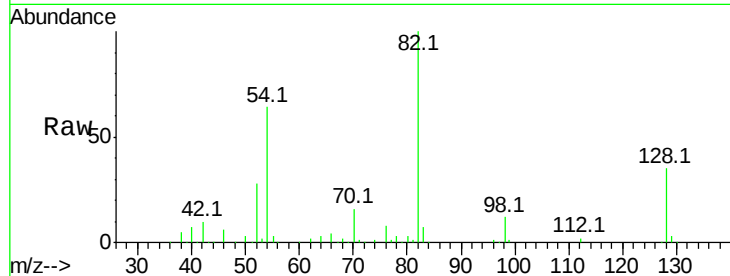




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.41 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

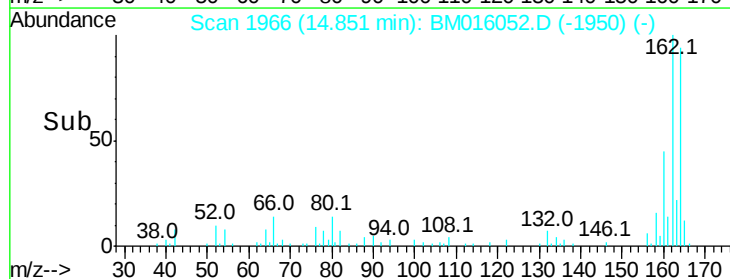
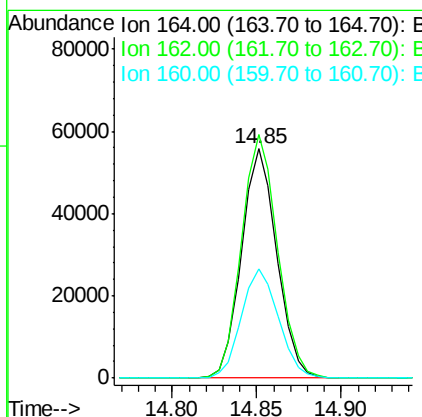
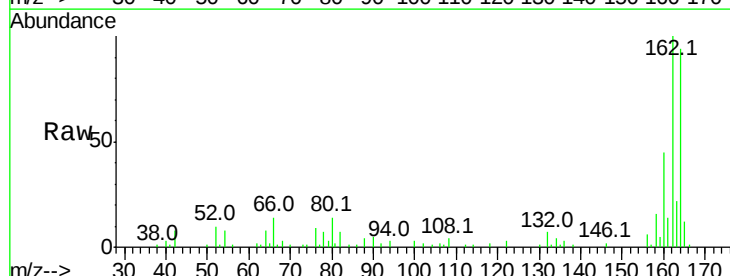
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

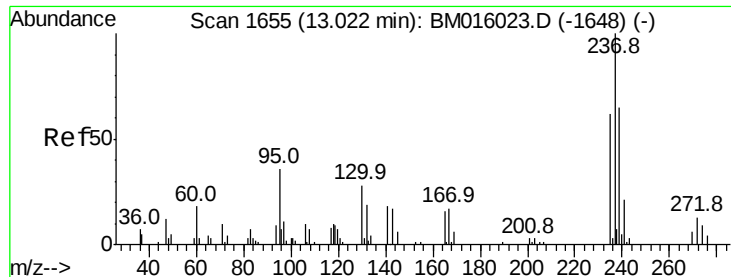
Tot Ion: 82 Resp: 293686
Ion Ratio Lower Upper
82 100
128 35.3 32.8 49.2
54 64.4 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:164 Resp: 81094
Ion Ratio Lower Upper
164 100
162 106.2 82.4 123.6
160 47.6 35.8 53.6

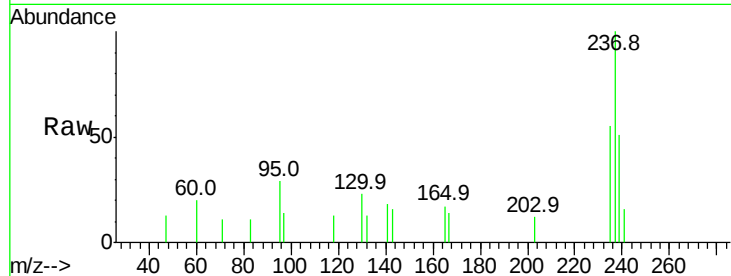




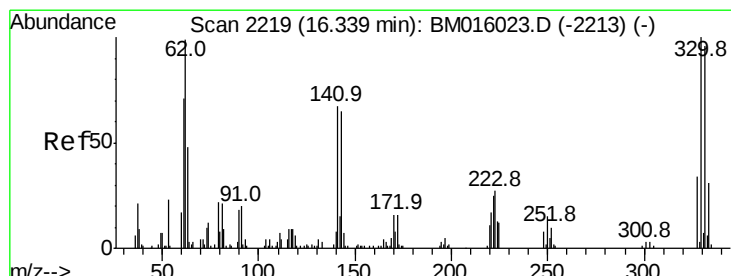
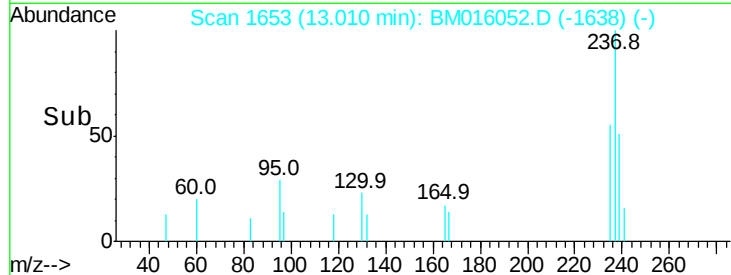
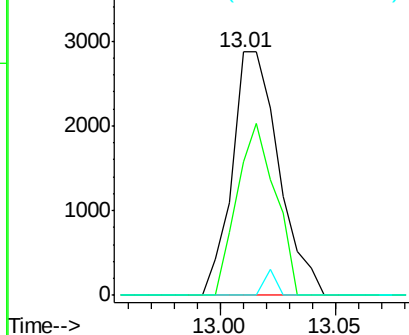
#40
Hexachlorocyclopentadiene
Concen: 10.372 ng
RT: 13.01 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:237 Resp: 4047
Ion Ratio Lower Upper
237 100
235 55.0 42.0 82.0
272 0.0 0.0 33.4

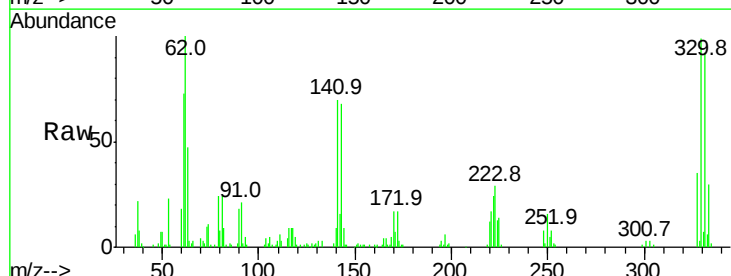


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

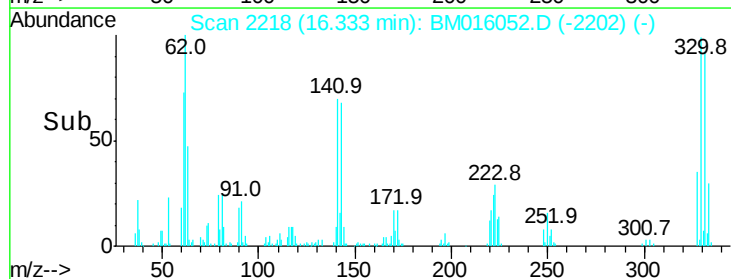
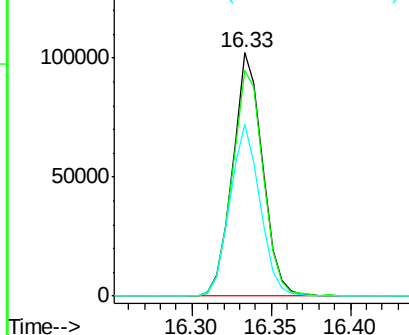


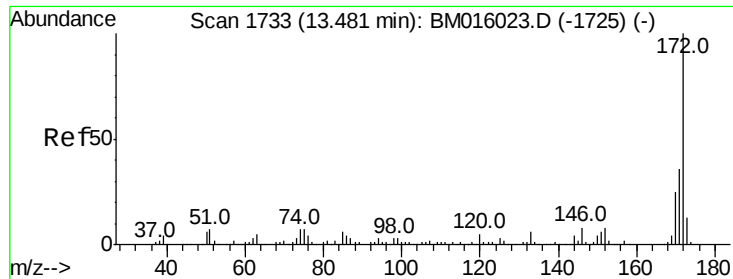
#41
2,4,6-Tribromophenol
Concen: 10.372 ng
RT: 16.33 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:330 Resp: 133568
Ion Ratio Lower Upper
330 100
332 96.3 0.0 0.0#
141 71.1 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

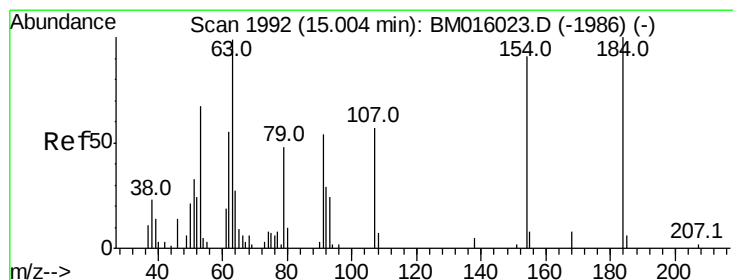
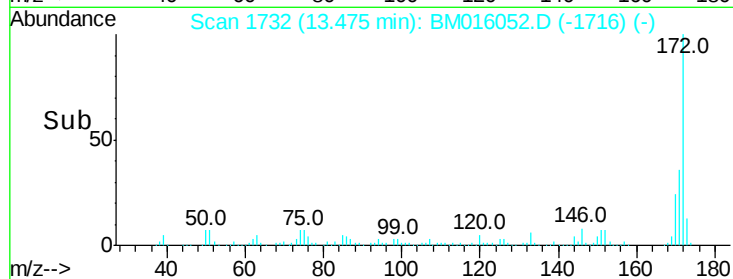
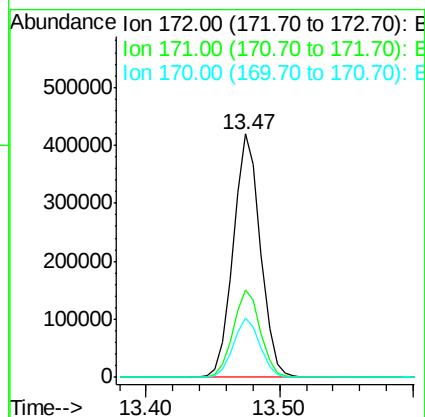
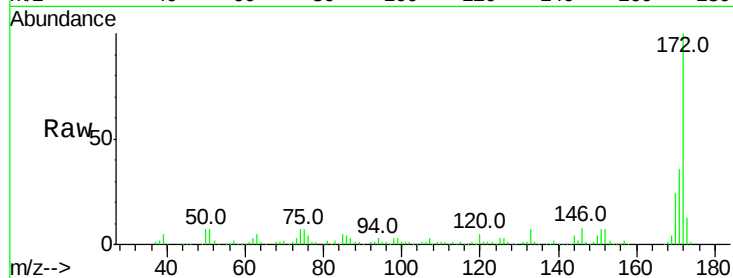




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

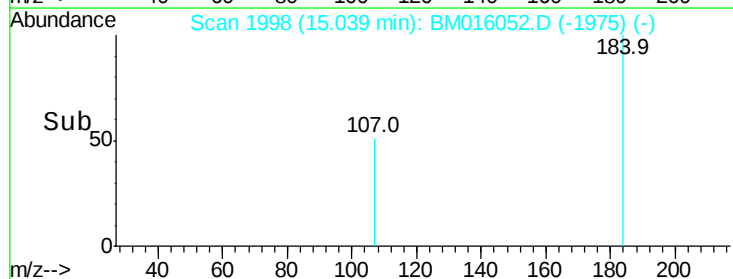
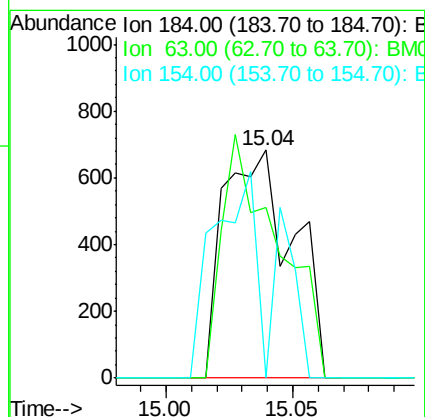
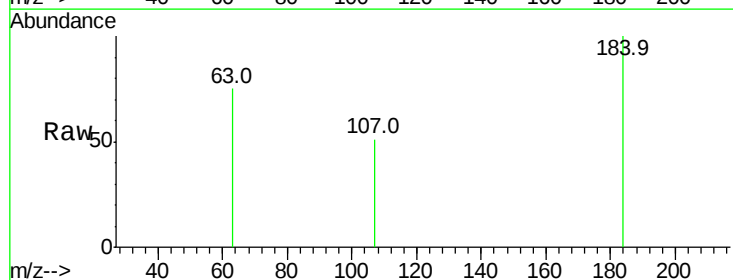
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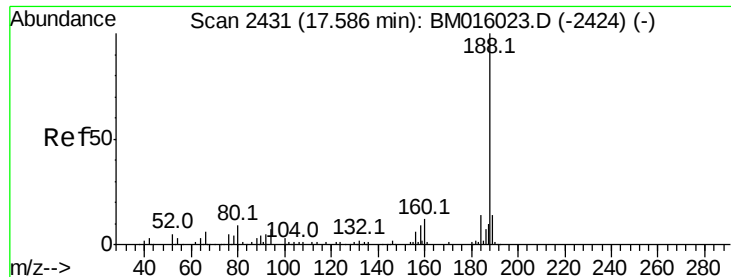
Tot Ion:172 Resp: 594342
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.3 18.8 28.2



#53
 2,4-Dinitrophenol
 Concen: 8.089 ng
 RT: 15.04 min Scan# 1998
 Delta R.T. 0.04 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:184 Resp: 1308
 Ion Ratio Lower Upper
 184 100
 63 75.0 69.2 103.8
 154 0.0 53.3 79.9#

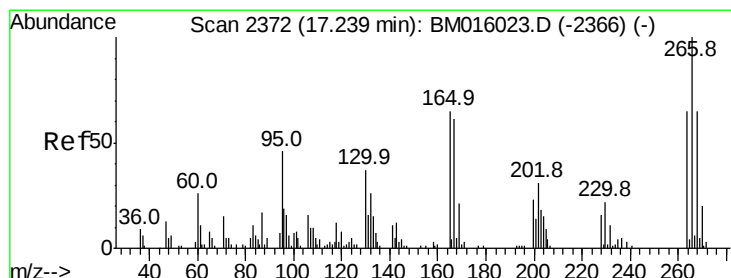
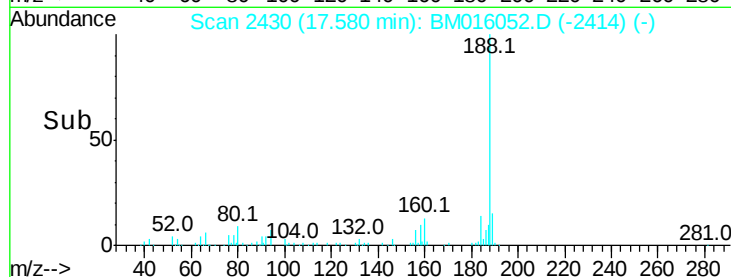
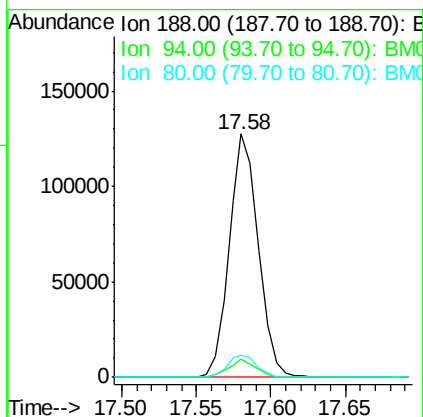
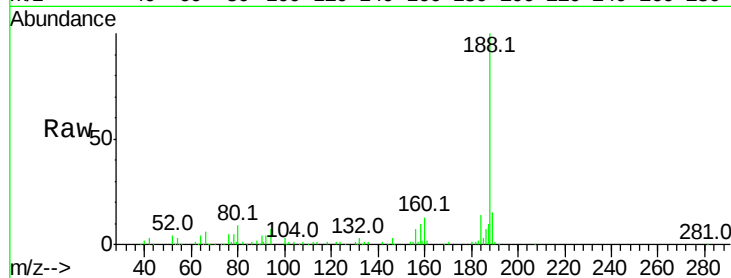




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

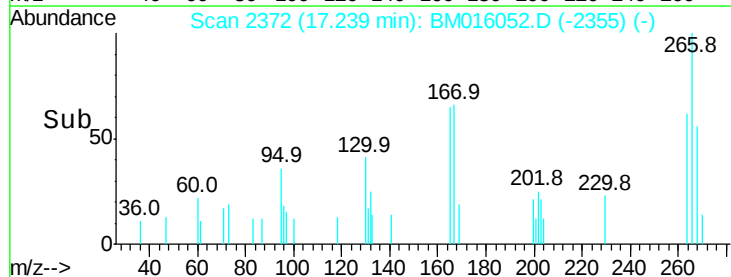
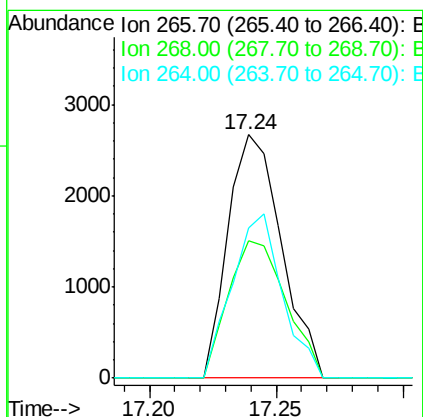
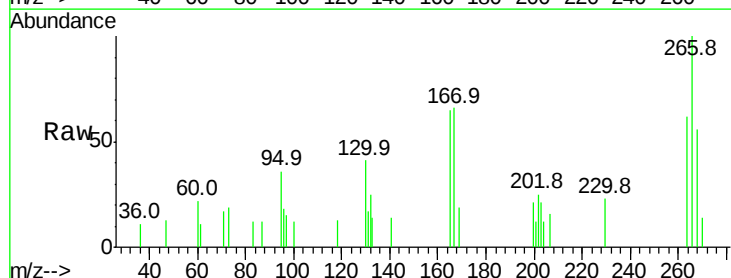
Instrument :
 BNA_M
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 MDL-WATER-03-QT3-2018

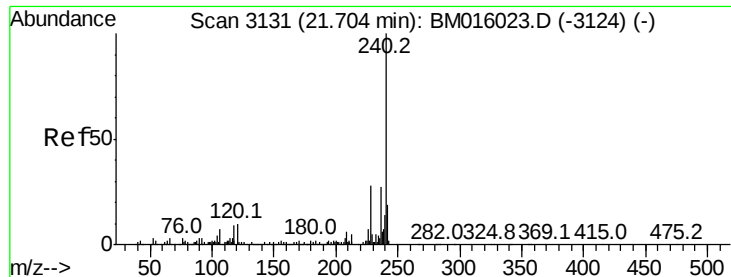
Tot Ion:188 Resp: 173201
 Ion Ratio Lower Upper
 188 100
 94 7.3 8.7 13.1#
 80 8.9 9.3 13.9#



#69
 Pentachlorophenol
 Concen: 2.921 ng
 RT: 17.24 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:266 Resp: 3907
 Ion Ratio Lower Upper
 266 100
 268 56.4 52.0 78.0
 264 61.9 49.0 73.4





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

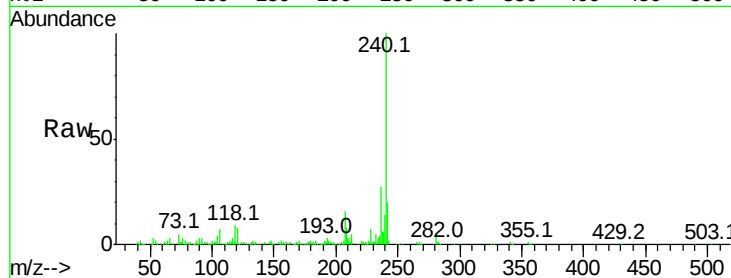
Tot Ion:240 Resp: 192760

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

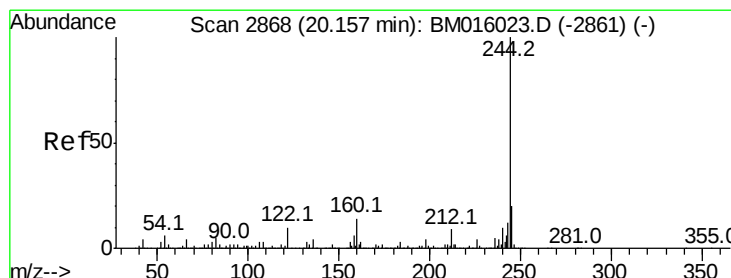
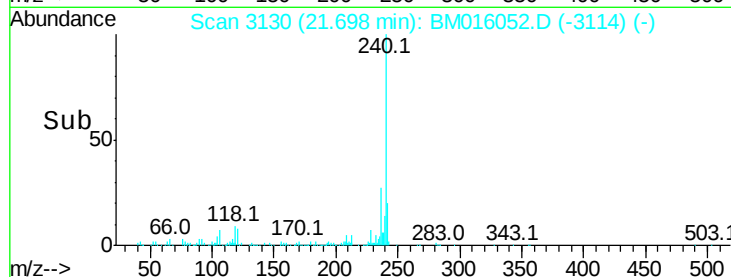
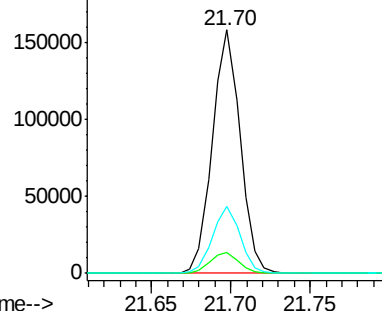
236 27.3 20.0 30.0



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: BM016052.D

Acq: 24 Jul 2018 07:15

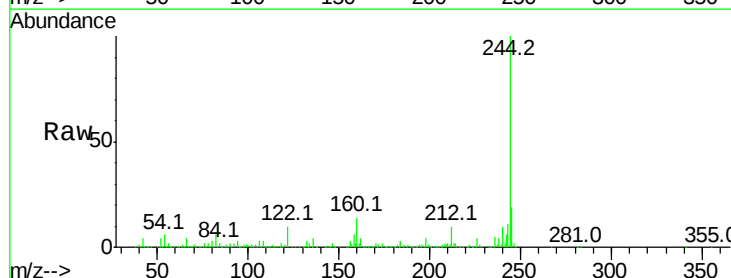
Tgt Ion:244 Resp: 1132921

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

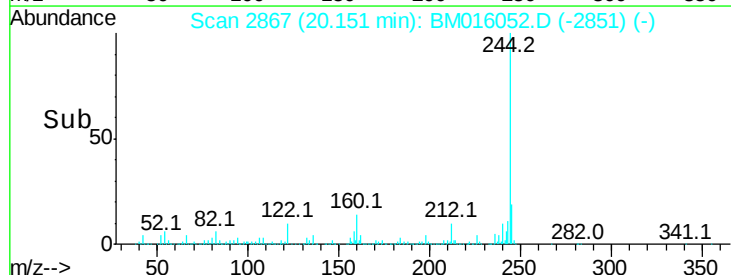
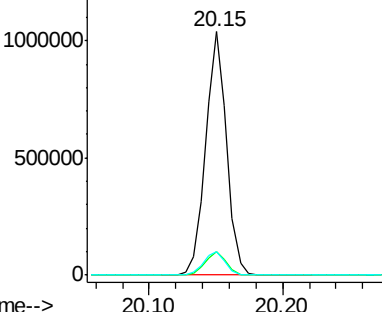
122 9.6 6.2 9.4#

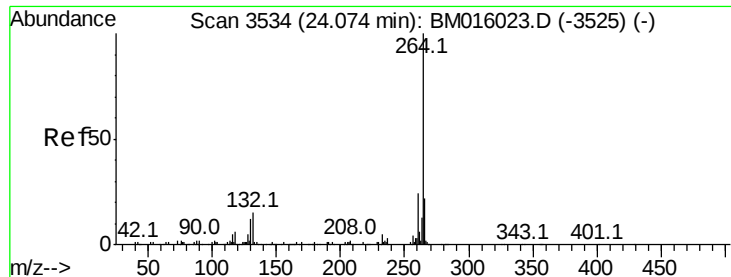


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

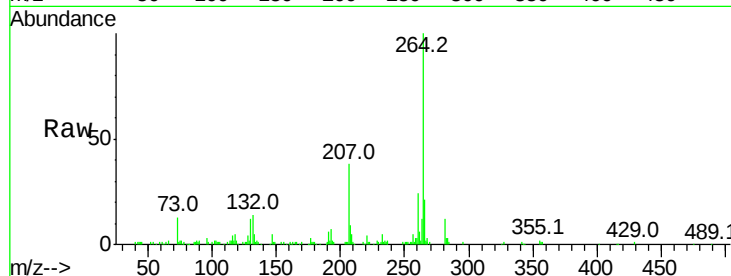




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	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

