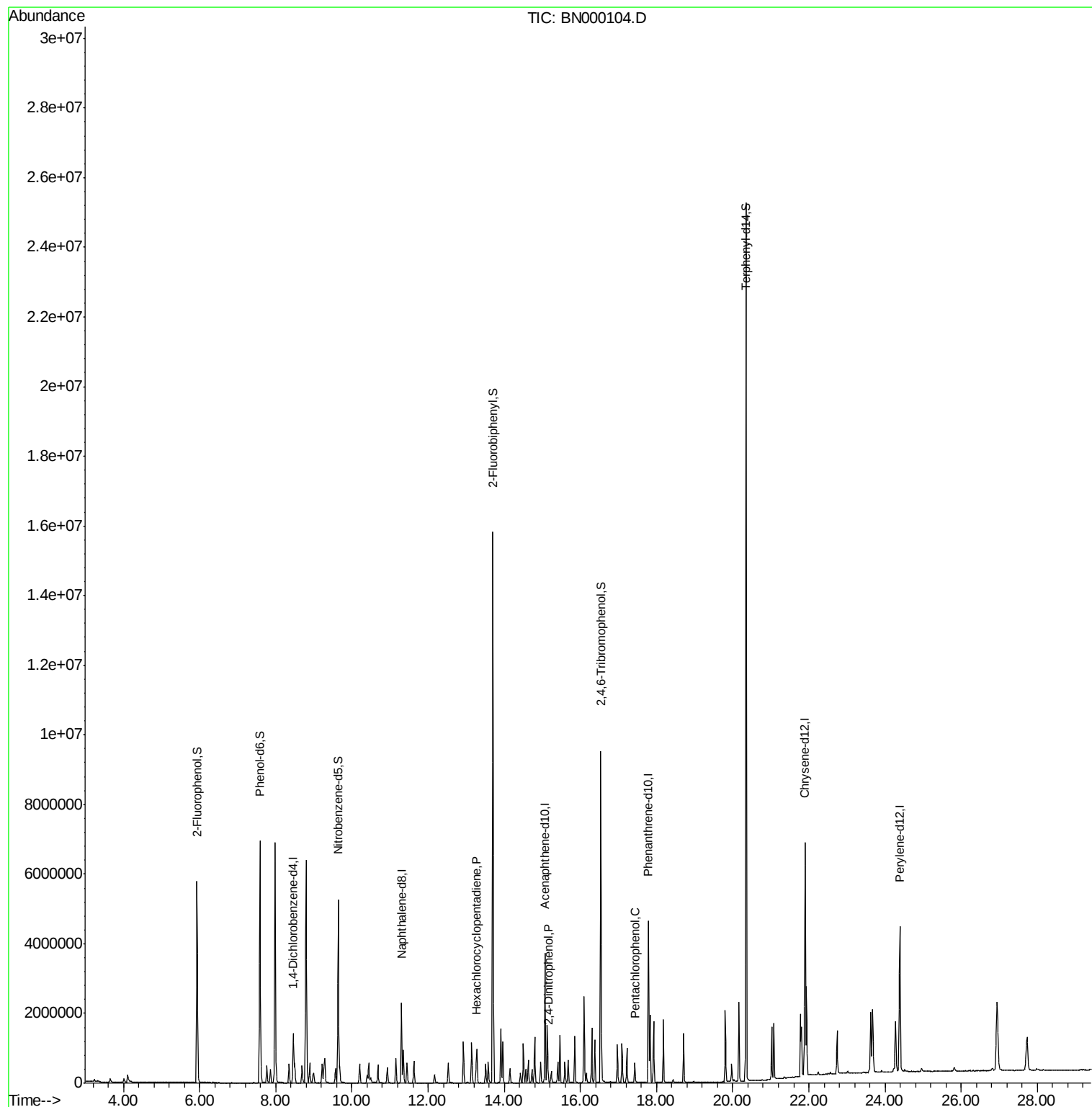


Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000104.D
Acq On : 15 Feb 2018 19:17
Operator : JU/SJ
Sample : J1161-07
Misc : 8 PPM LOD
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 16 06:51:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration



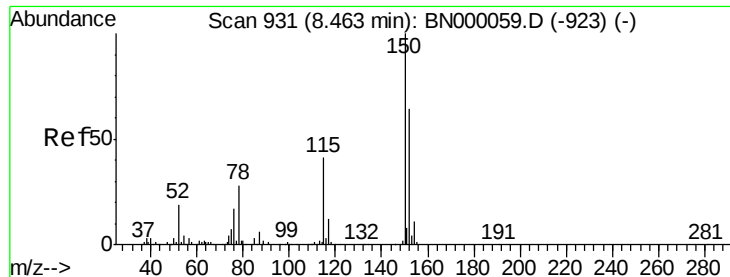
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000104.D
 Acq On : 15 Feb 2018 19:17
 Operator : JU/SJ
 Sample : J1161-07
 Misc : 8 PPM LOD
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 16 06:51:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	383833	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1961754	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1184279	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2563896	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2747187	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2862669	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	3101976	131.71	ng	-0.01
7) Phenol-d6	7.58	99	4552398	127.61	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3227105	97.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1542521	131.59	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7892957	93.93	ng	-0.01
78) Terphenyl-d14	20.35	244	9515905	93.53	ng	-0.01
Target Compounds						
40) Hexachlorocyclopentadiene	13.26	237	86728	5.952	ng	92
53) 2,4-Dinitrophenol	15.16	184	25206	12.304	ng	# 14
69) Pentachlorophenol	17.43	266	85186	9.859	ng	94

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

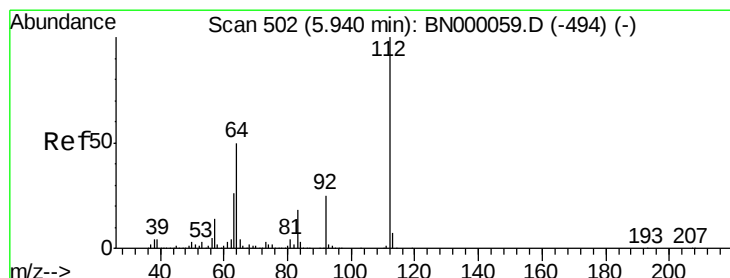
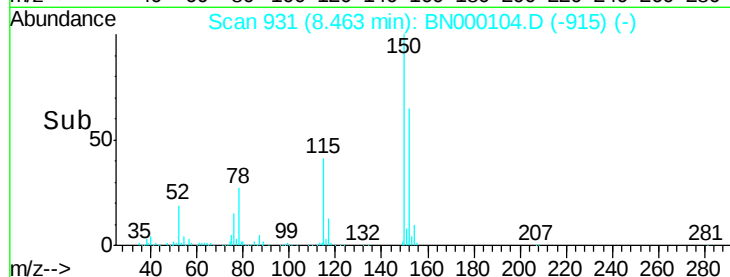
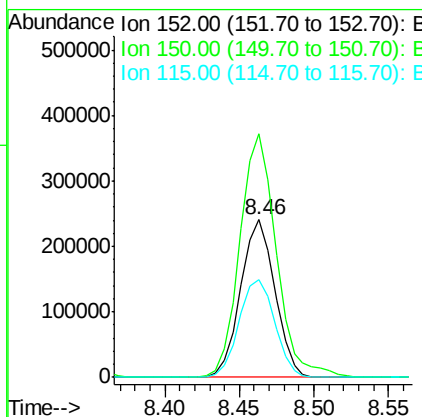
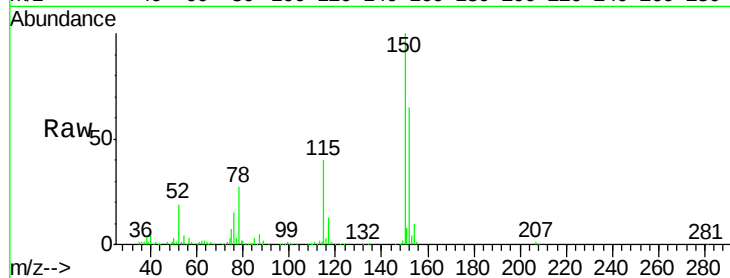


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000104.D
Acq: 15 Feb 2018 19:17

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

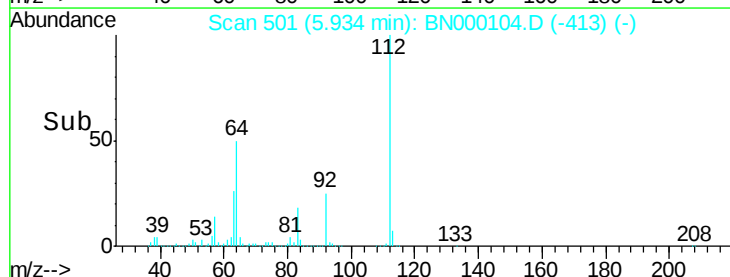
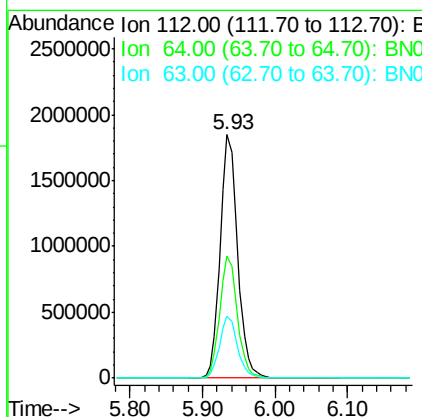
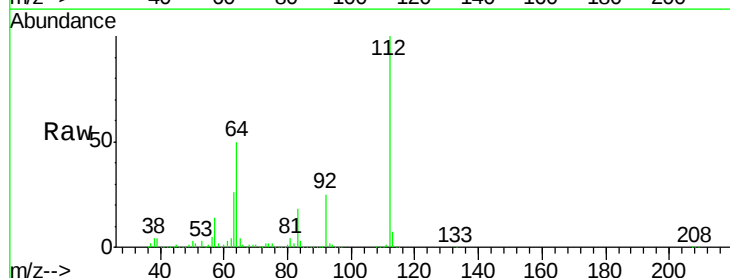
Tot Ion:152 Resp: 383833
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 62.3 53.0 79.4

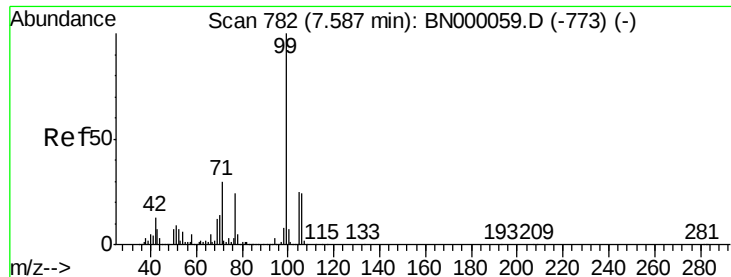


#5

2-Fluorophenol
Concen: 131.711 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000104.D
Acq: 15 Feb 2018 19:17

Tgt Ion:112 Resp: 3101976
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 25.7 30.1 45.1#





#7

Phenol-d6

Concen: 127.609 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

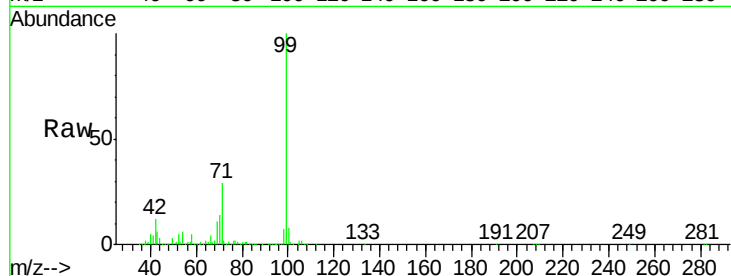
Tot Ion: 99 Resp: 4552398

Ion Ratio Lower Upper

99 100

42 12.5 14.1 21.1#

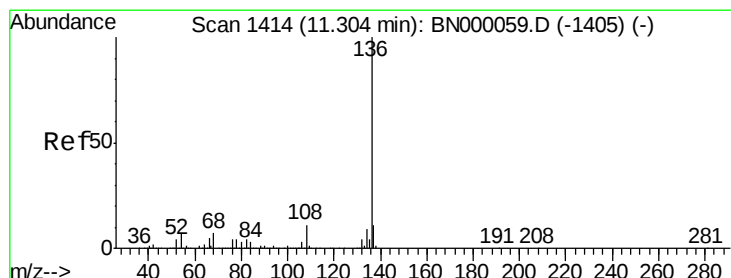
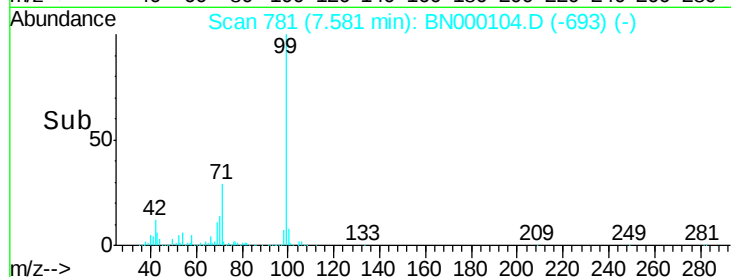
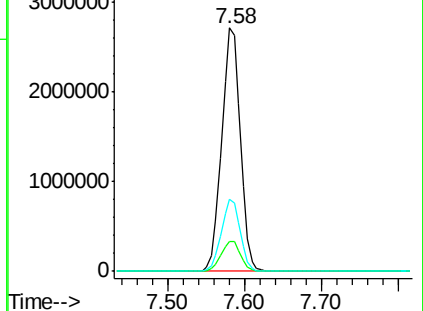
71 29.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Tgt Ion: 136 Resp: 1961754

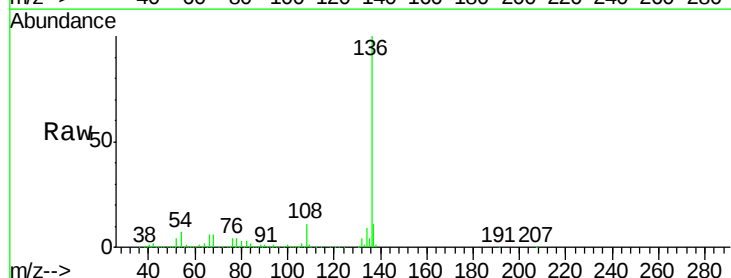
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.9 10.3 15.5#

68 6.5 4.5 6.7

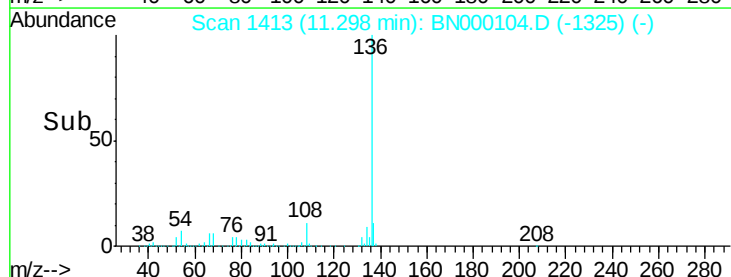
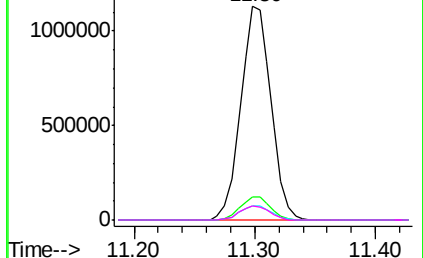


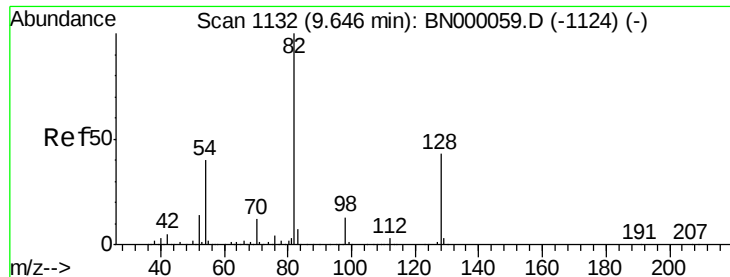
Abundance Ion 136.00 (135.70 to 136.70): BN000059.D (-1405) (-)

Ion 137.00 (136.70 to 137.70): BN000059.D (-1405) (-)

Ion 54.00 (53.70 to 54.70): BN000059.D (-1405) (-)

Ion 68.00 (67.70 to 68.70): BN000059.D (-1405) (-)





#23

Nitrobenzene-d5

Concen: 97.805 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

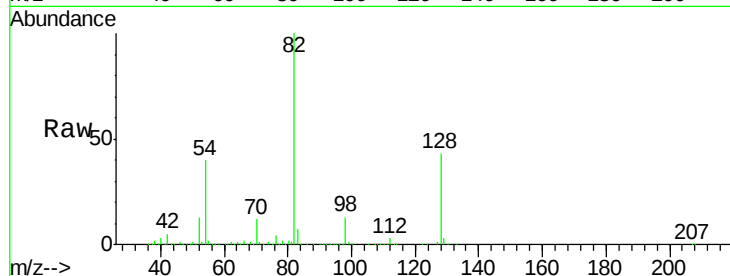
Tot Ion: 82 Resp: 3227105

Ion Ratio Lower Upper

82 100

128 42.7 29.7 44.5

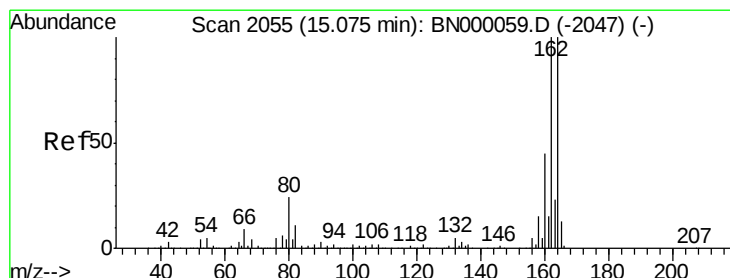
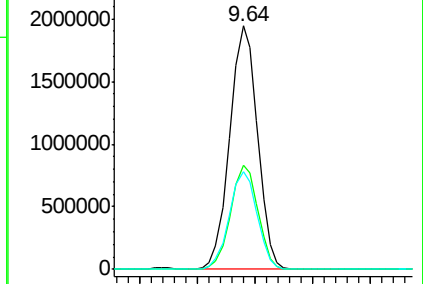
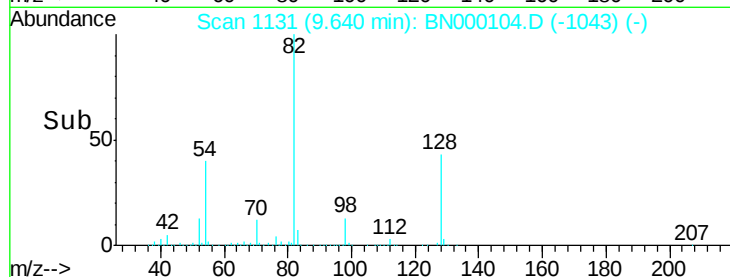
54 40.3 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1124) (-)

Ion 128.00 (127.70 to 128.70): BN000059.D (-1124) (-)

Ion 54.00 (53.70 to 54.70): BN000059.D (-1124) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

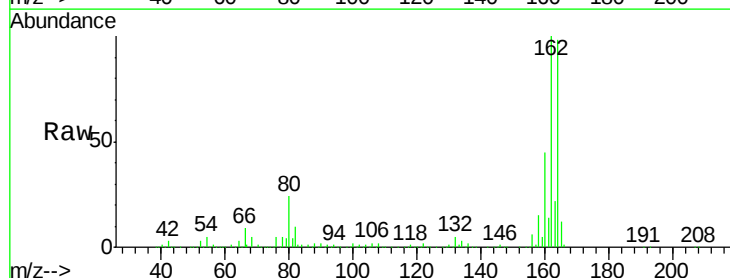
Tgt Ion:164 Resp: 1184279

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

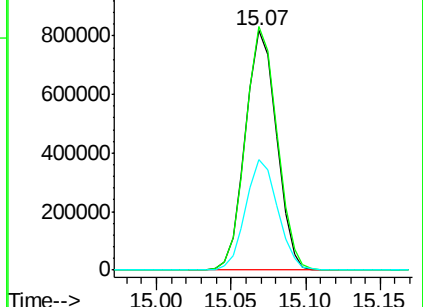
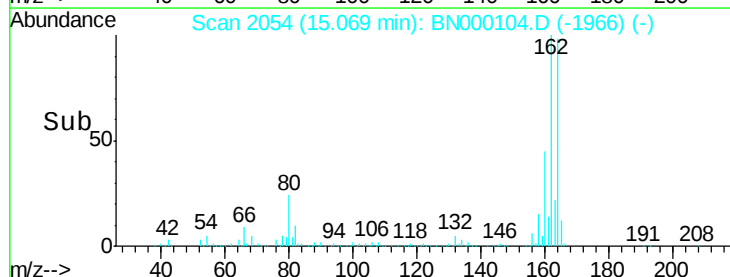
160 46.2 35.4 53.0

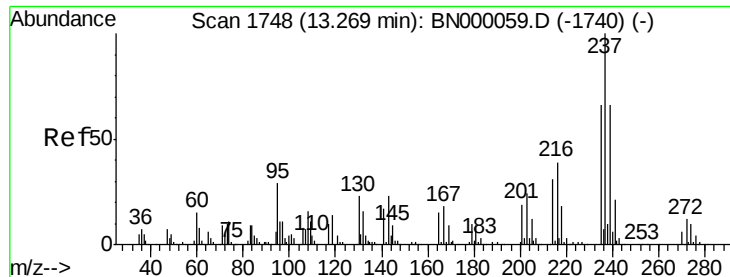


Abundance Ion 164.00 (163.70 to 164.70): BN000059.D (-2047) (-)

Ion 162.00 (161.70 to 162.70): BN000059.D (-2047) (-)

Ion 160.00 (159.70 to 160.70): BN000059.D (-2047) (-)





#40

Hexachlorocyclopentadiene

Concen: 5.952 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

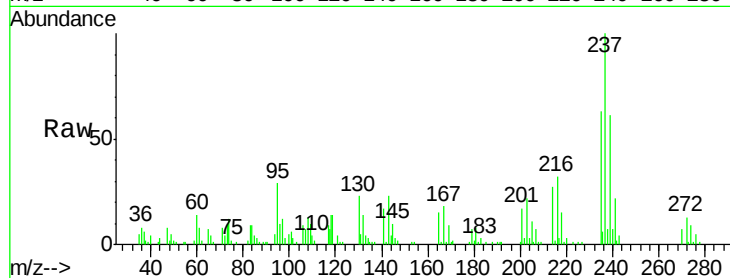
Tot Ion:237 Resp: 86728

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

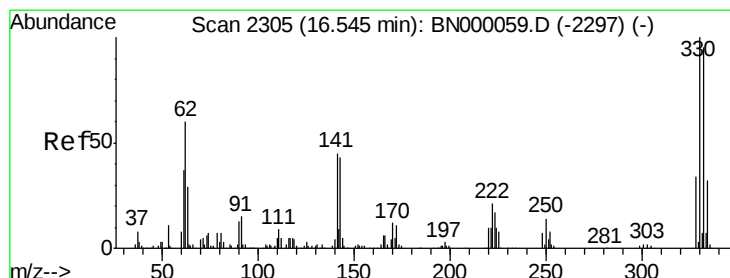
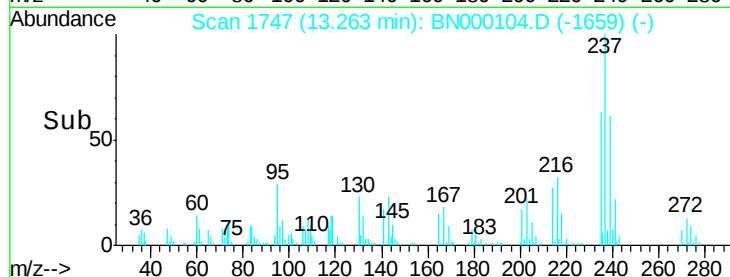
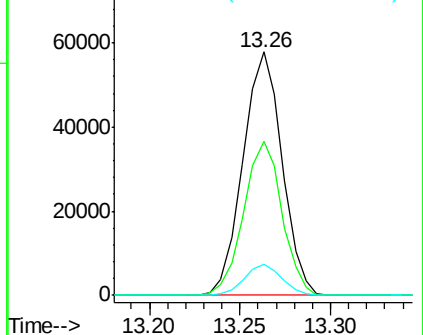
272 12.7 0.0 31.8



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: 131.586 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

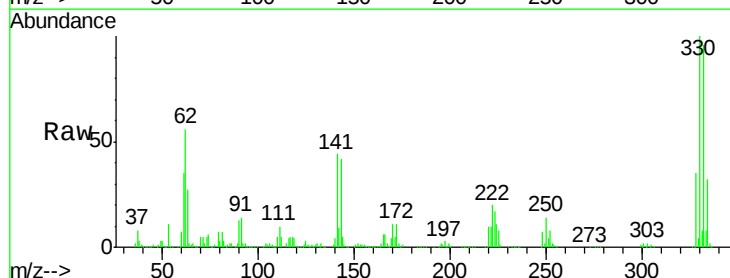
Tgt Ion:330 Resp: 1542521

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

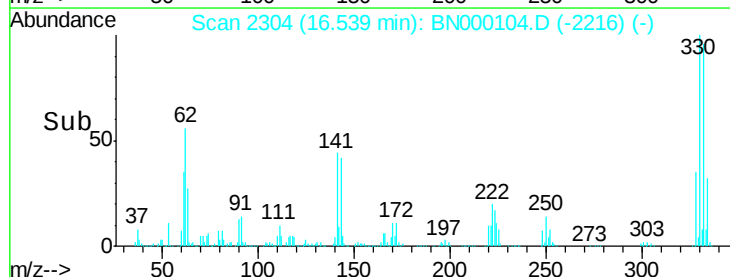
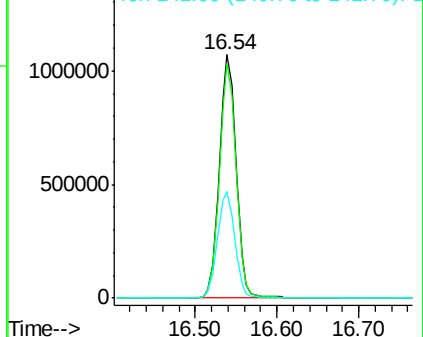
141 45.5 25.2 37.8#

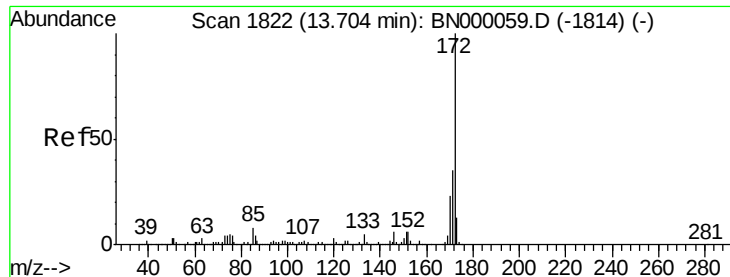


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

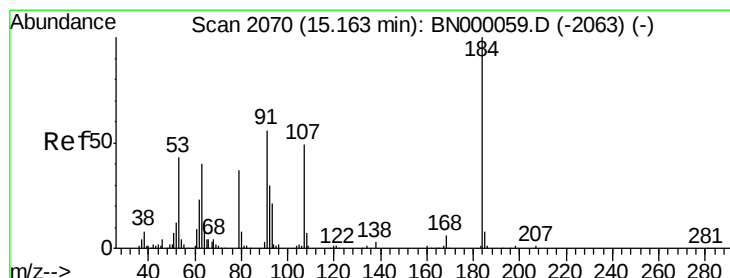
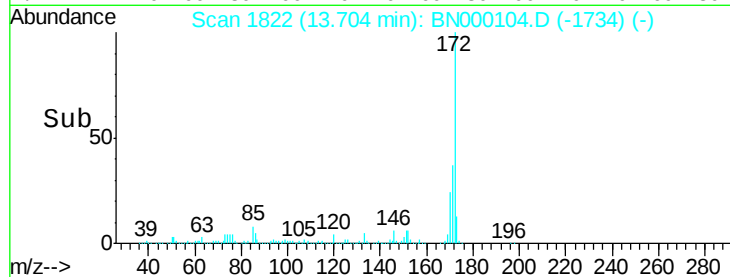
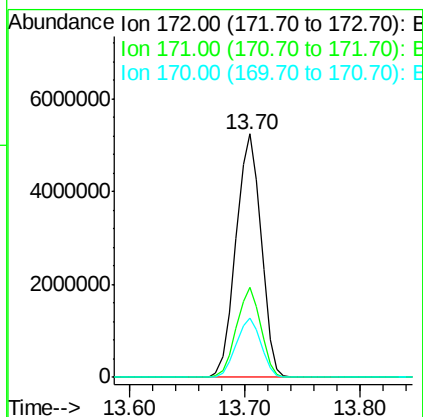
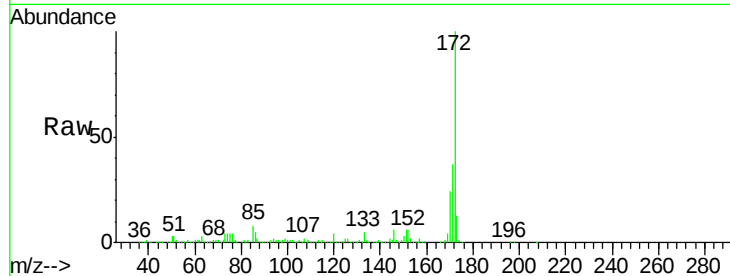




#44
2-Fluorobiphenyl
Concen: 93.934 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000104.D
Acq: 15 Feb 2018 19:17

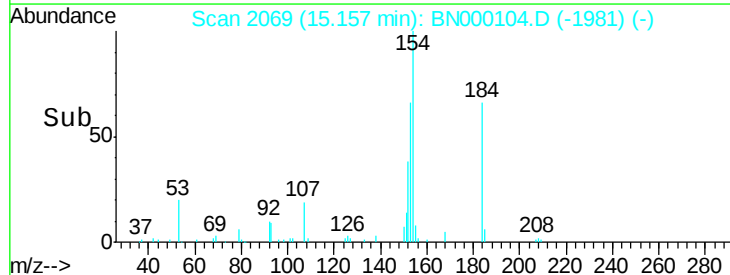
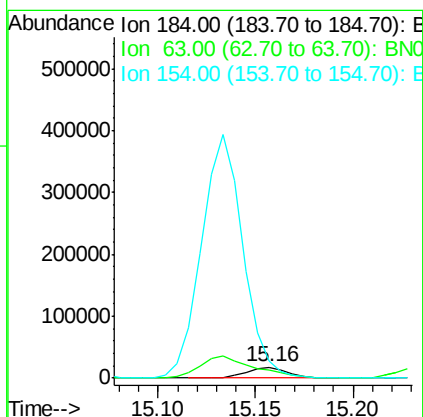
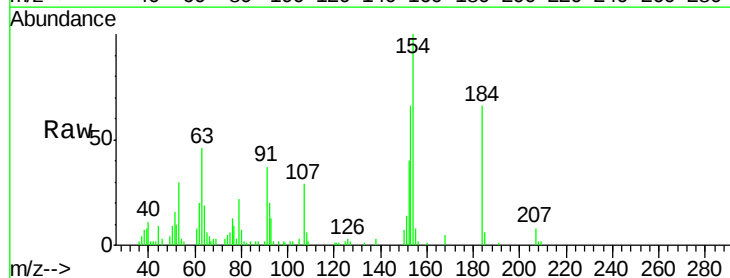
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

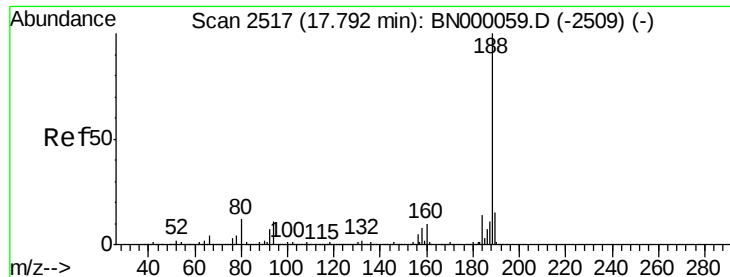
Tot Ion:172 Resp: 7892957
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 24.5 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 12.304 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000104.D
Acq: 15 Feb 2018 19:17

Tgt Ion:184 Resp: 25206
Ion Ratio Lower Upper
184 100
63 69.3 80.0 120.0#
154 151.7 308.0 462.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

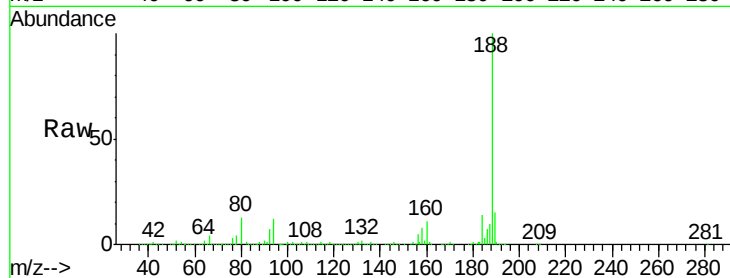
Tot Ion:188 Resp: 2563896

Ion Ratio Lower Upper

188 100

94 12.1 6.9 10.3#

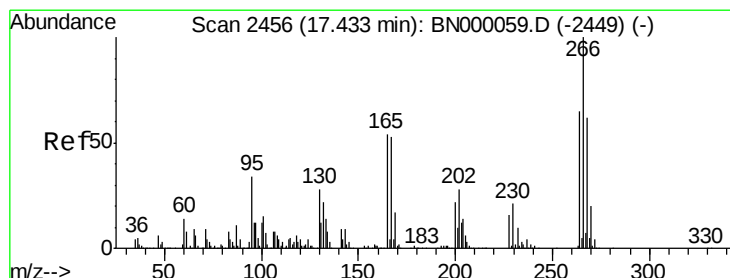
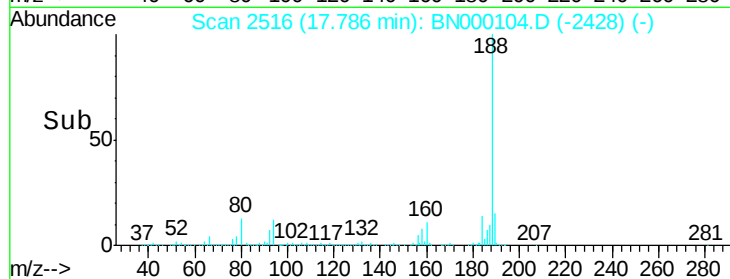
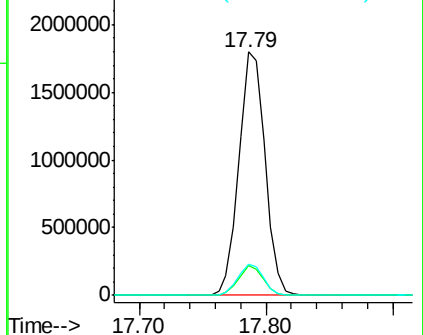
80 12.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#69

Pentachlorophenol

Concen: 9.859 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

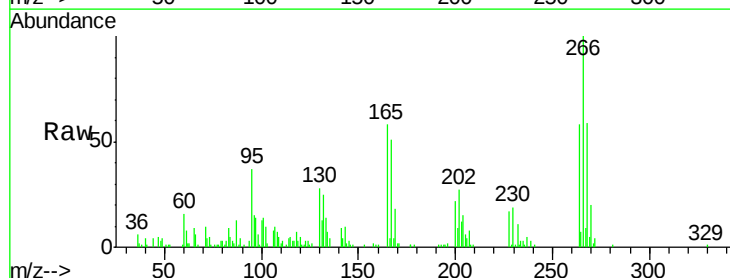
Tgt Ion:266 Resp: 85186

Ion Ratio Lower Upper

266 100

268 59.5 51.1 76.7

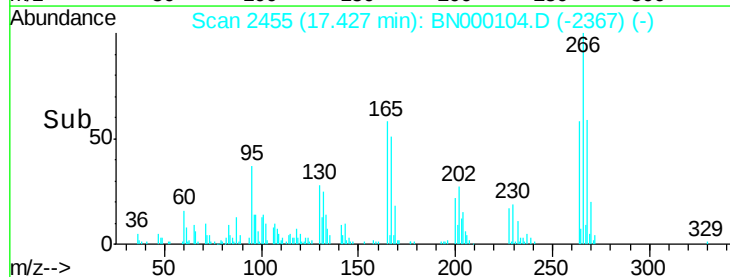
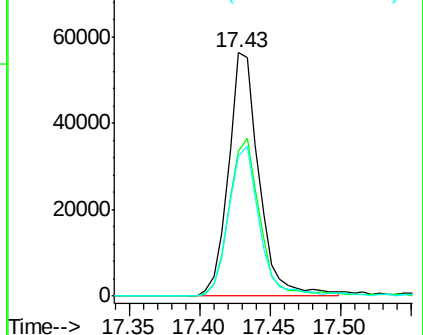
264 57.6 49.6 74.4

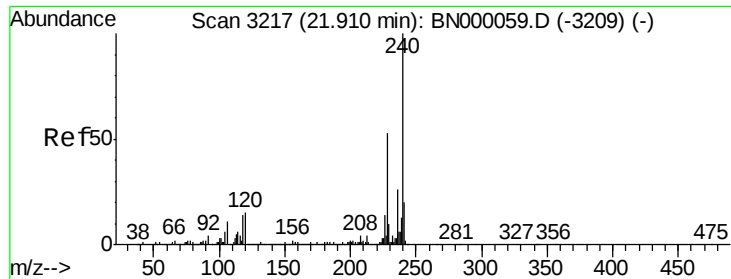


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

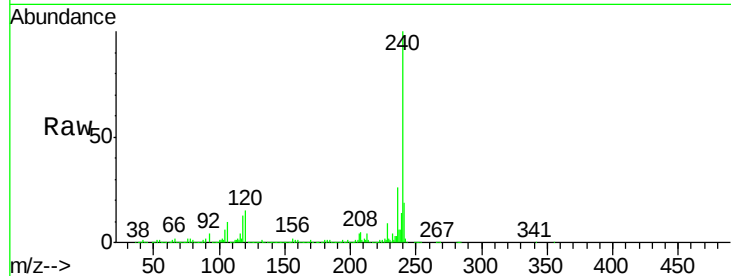
Tot Ion:240 Resp: 2747187

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

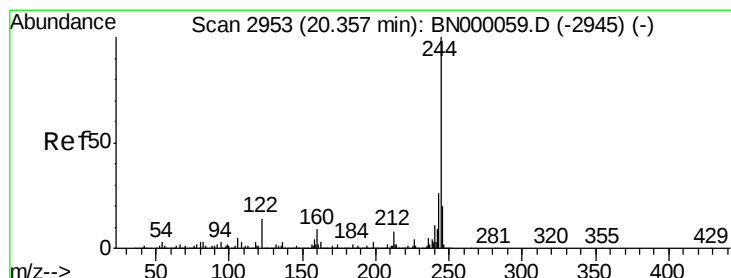
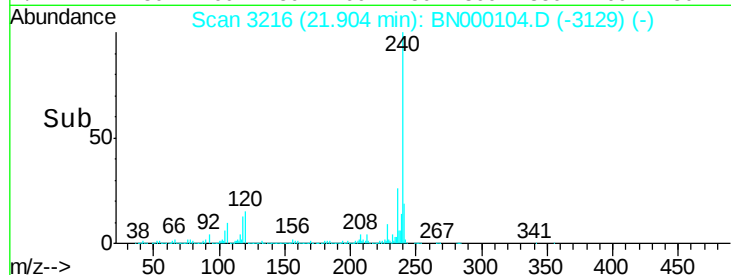
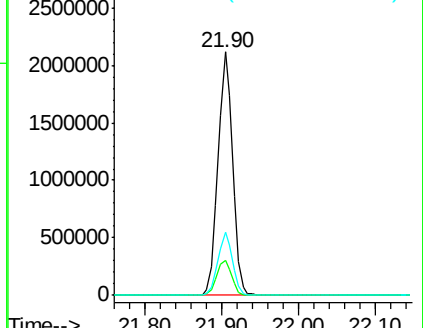
236 25.9 20.9 31.3



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: 93.529 ng

RT: 20.35 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BN000104.D

Acq: 15 Feb 2018 19:17

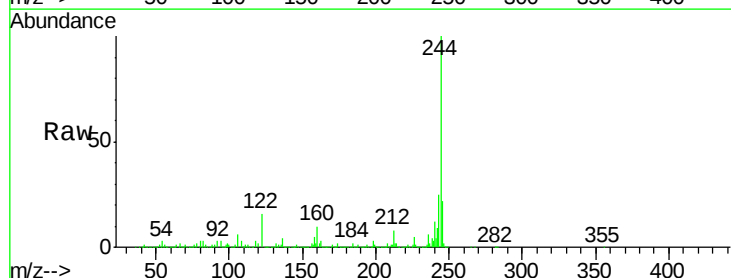
Tgt Ion:244 Resp: 9515905

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

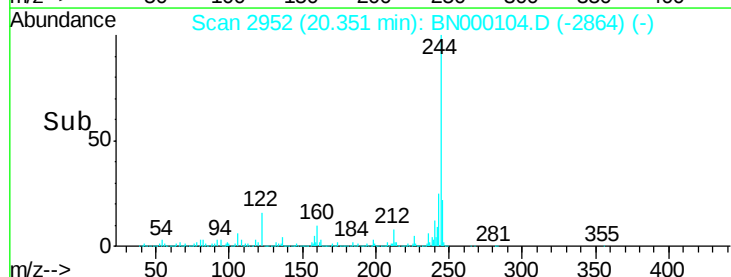
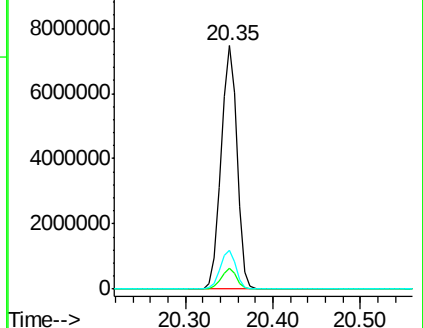
122 16.1 7.0 10.4#

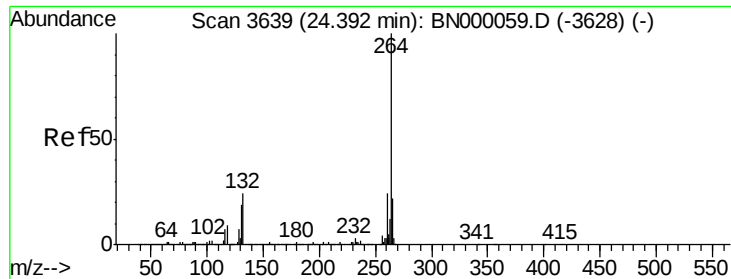


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.39 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BN000104.D
Acq: 15 Feb 2018 19:17

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

Tot Ion:264 Resp: 2862669

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.8	17.7	26.5

