

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
 Data File : BF103197.D
 Acq On : 23 Feb 2018 14:11
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-S-8ppm
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 23 17:05:04 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

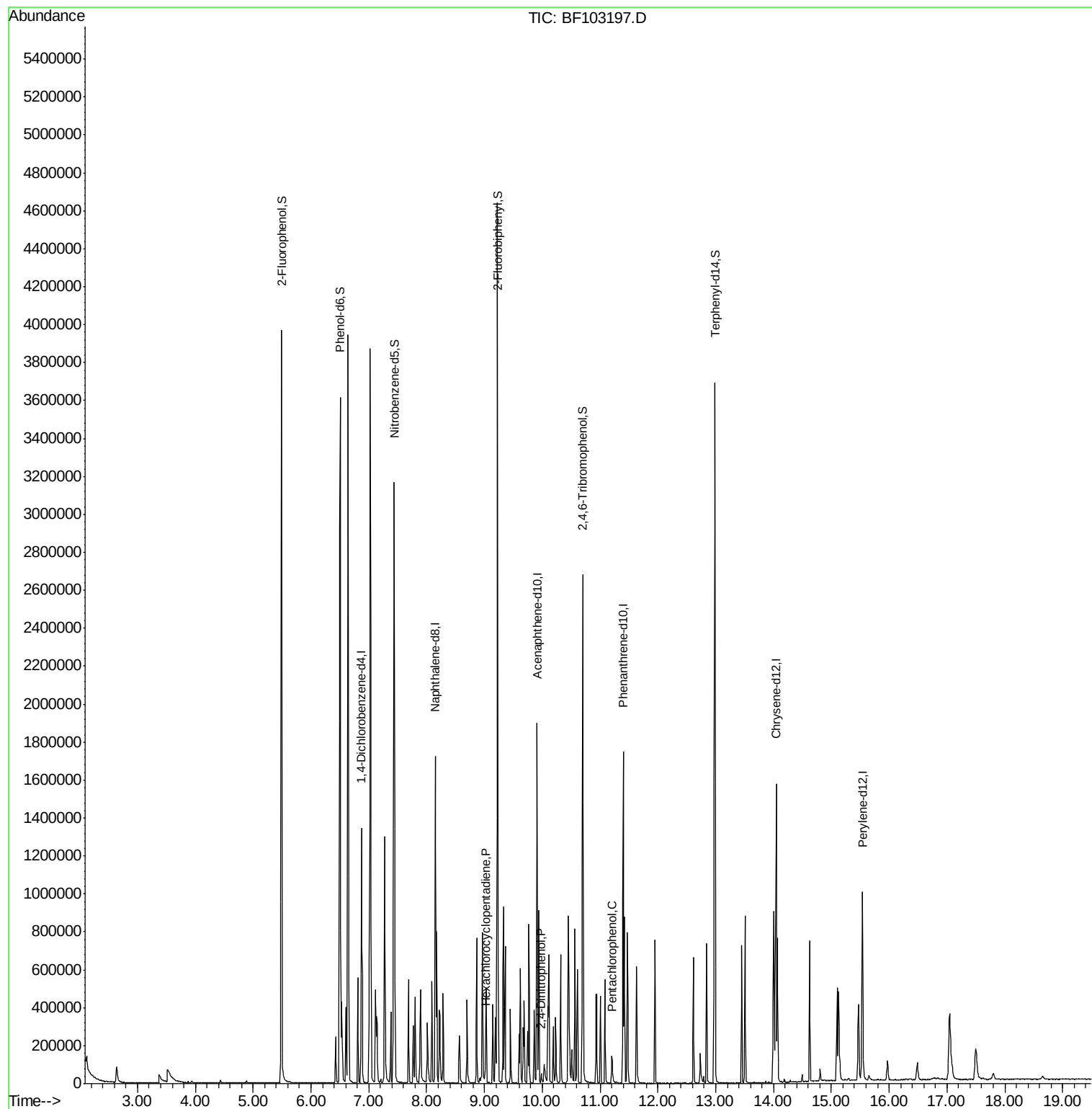
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172849	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	748533	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	351197	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	605290	20.00	ng	0.00
75) Chrysene-d12	14.04	240	459789	20.00	ng	0.00
86) Perylene-d12	15.54	264	438297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1260659	110.31	ng	0.00
7) Phenol-d6	6.50	99	1557707	111.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	1149484	87.70	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	343257	115.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1720907	84.21	ng	0.00
78) Terphenyl-d14	12.99	244	1433304	74.94	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	9.02	237	7400	10.826	ng	93
53) 2,4-Dinitrophenol	9.98	184	8873	13.276	ng	# 19
69) Pentachlorophenol	11.20	266	20440	6.177	ng	100

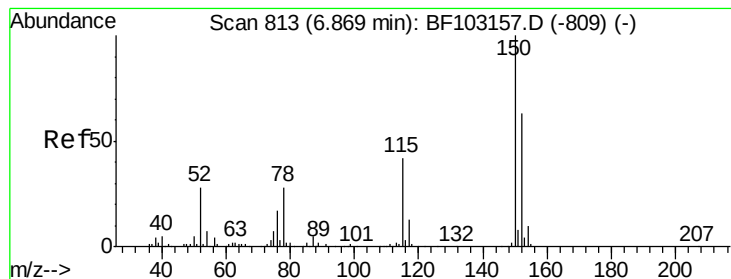
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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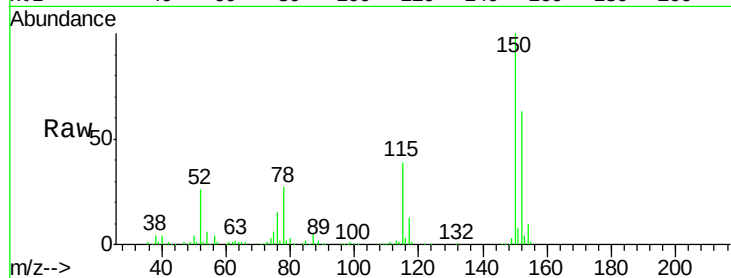


#1

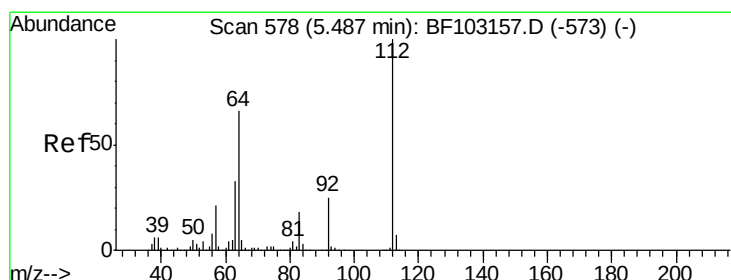
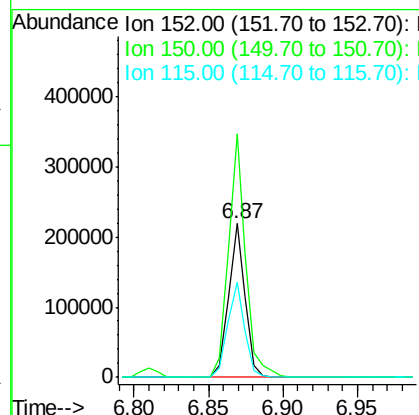
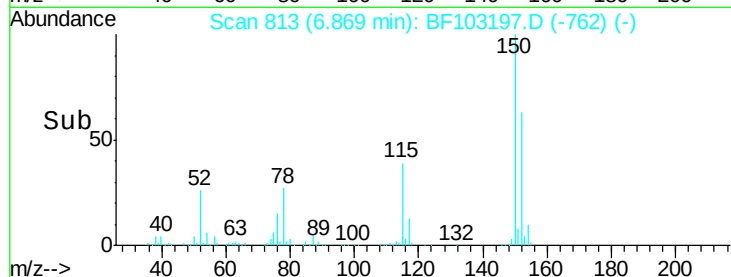
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

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

Tgt Ion:152 Resp: 172849
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.2 50.1 75.1



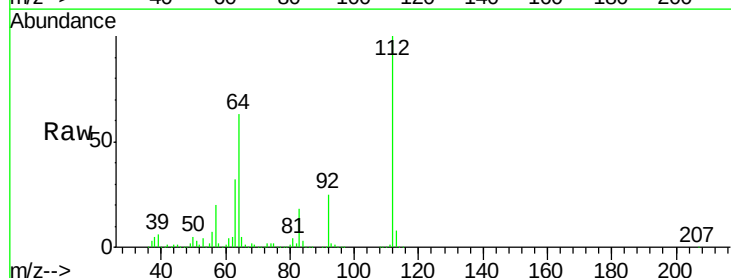
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



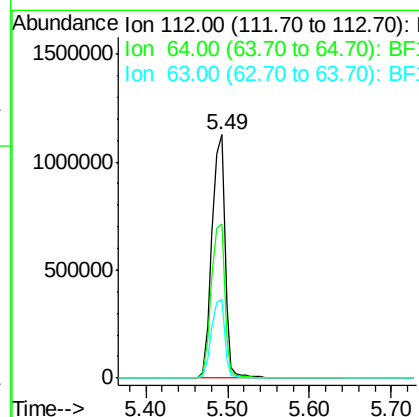
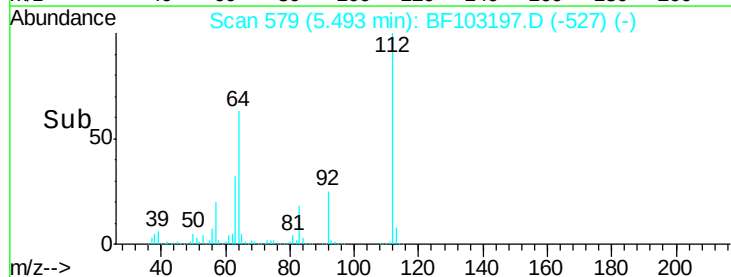
#5

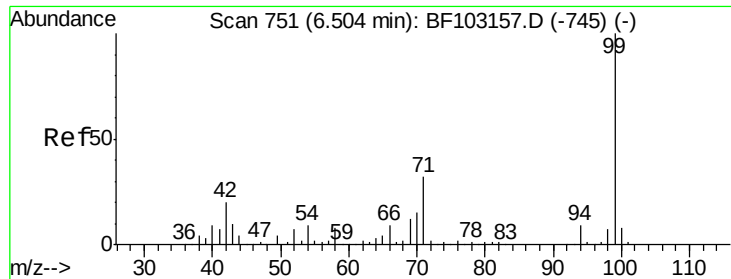
2-Fluorophenol
Concen: 110.308 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:112 Resp: 1260659
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.388 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

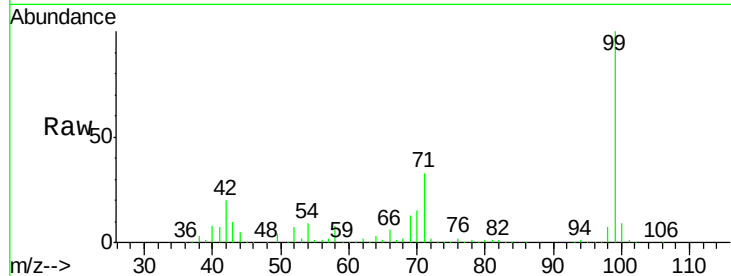
Tgt Ion: 99 Resp: 1557707

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

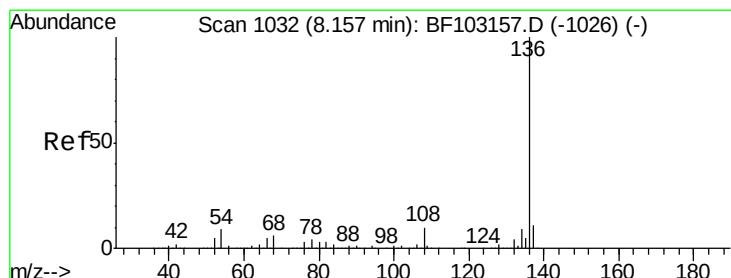
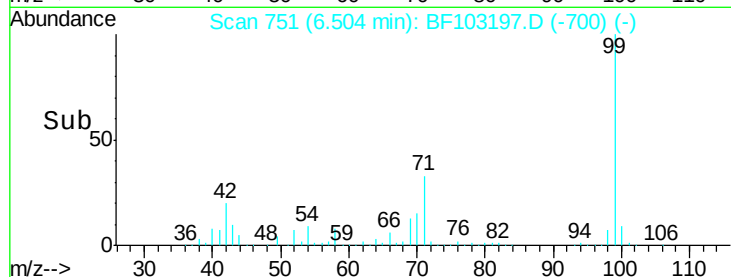
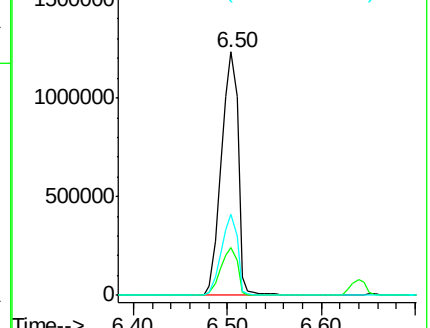
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Tgt Ion: 136 Resp: 748533

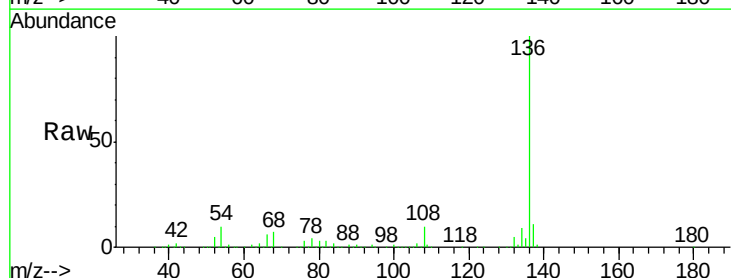
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4

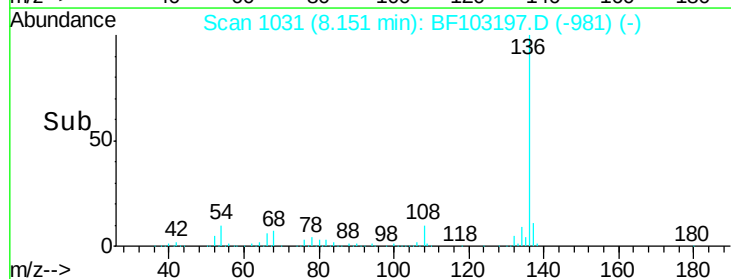
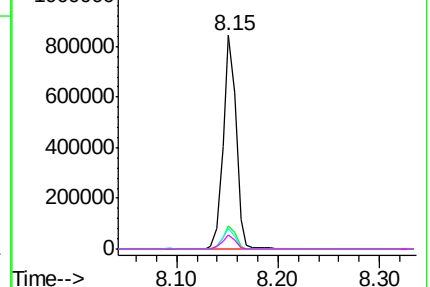


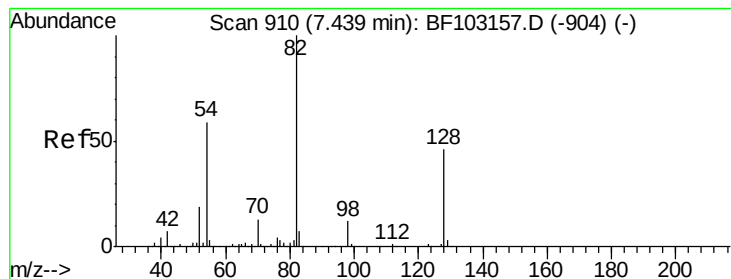
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 87.699 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

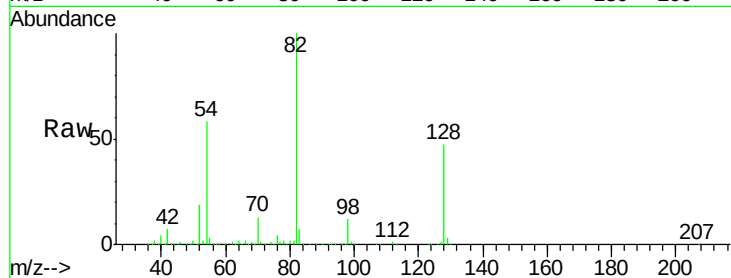
Tgt Ion: 82 Resp: 1149484

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

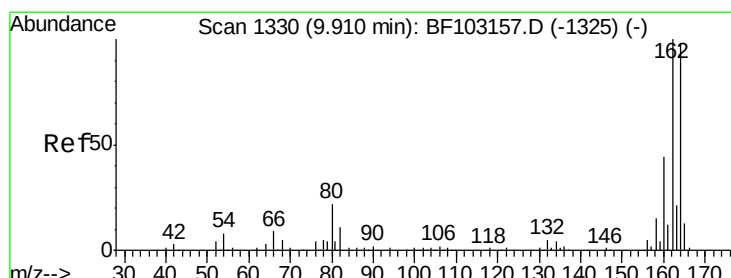
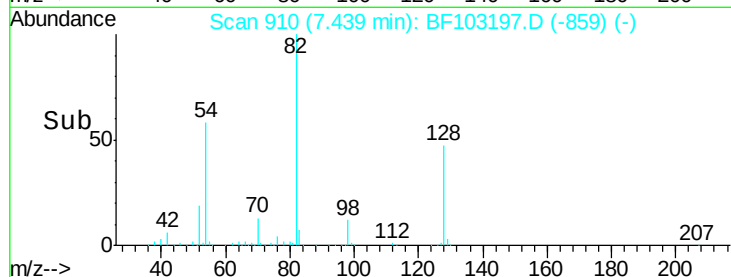
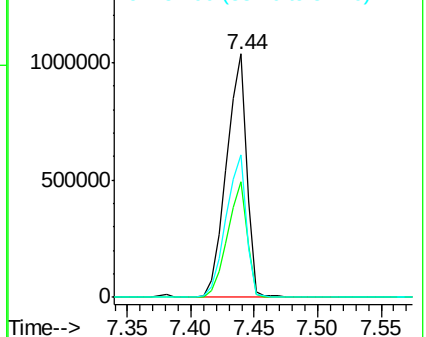
54 58.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

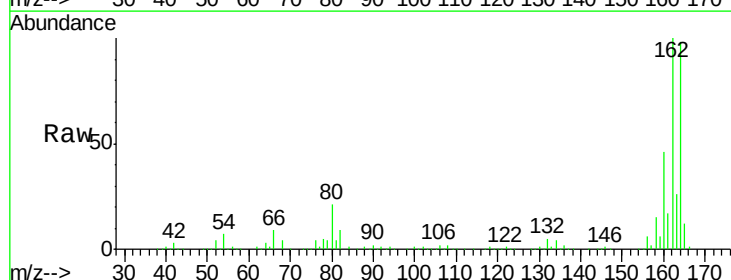
Tgt Ion: 164 Resp: 351197

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

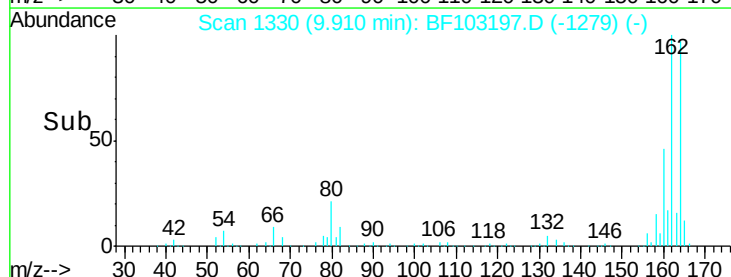
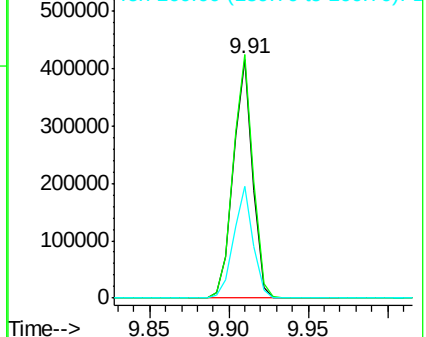
160 46.6 38.3 57.5

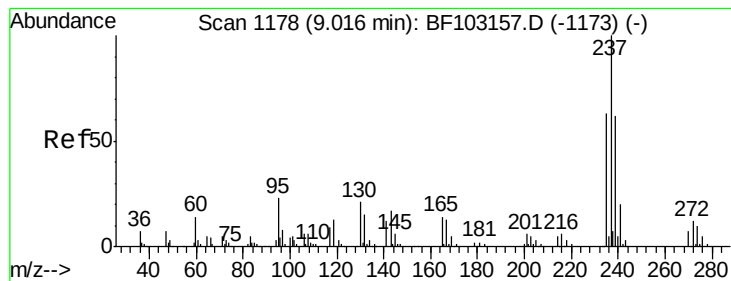


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#40

Hexachlorocyclopentadiene

Concen: 10.826 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

Instrument :

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LOD-MDL-WATER-01-QT1-2018

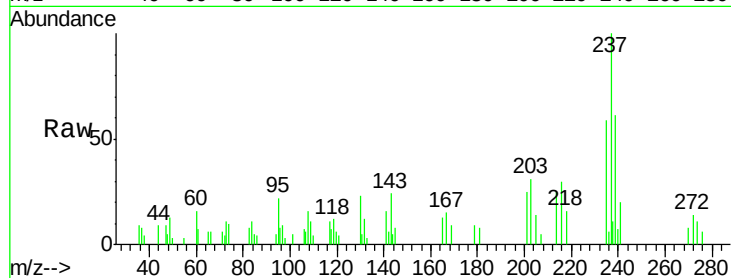
Tgt Ion: 237 Resp: 7400

Ion Ratio Lower Upper

237 100

235 58.6 44.8 84.8

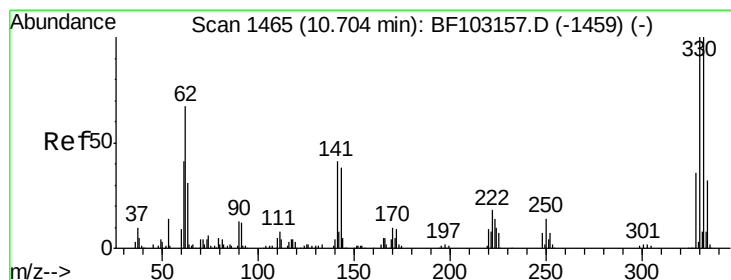
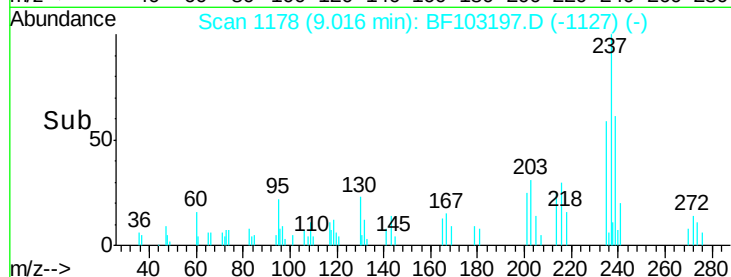
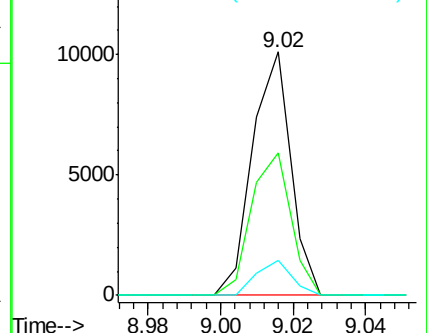
272 14.2 0.0 33.3



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: 115.470 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

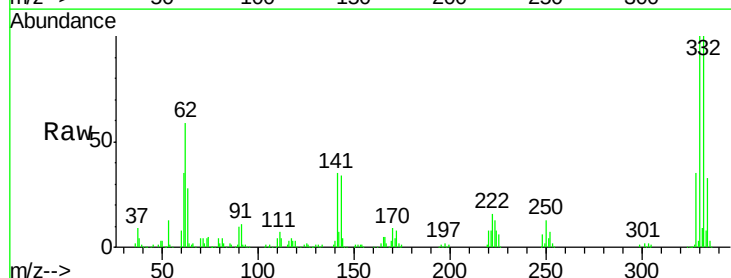
Tgt Ion: 330 Resp: 343257

Ion Ratio Lower Upper

330 100

332 102.0 77.0 115.6

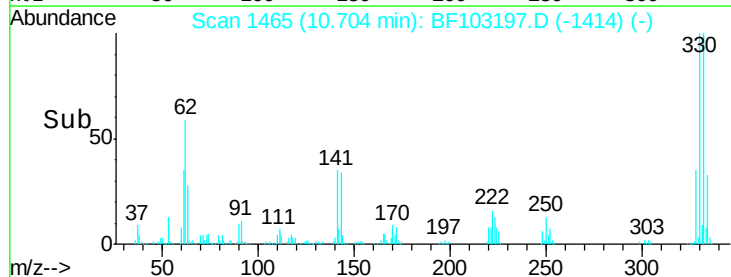
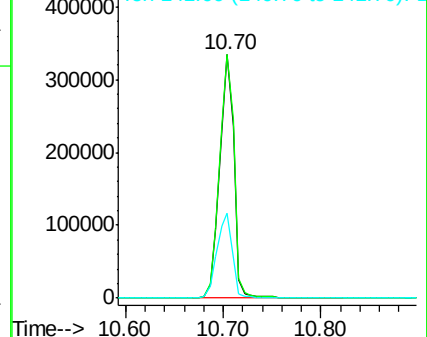
141 37.2 29.9 44.9

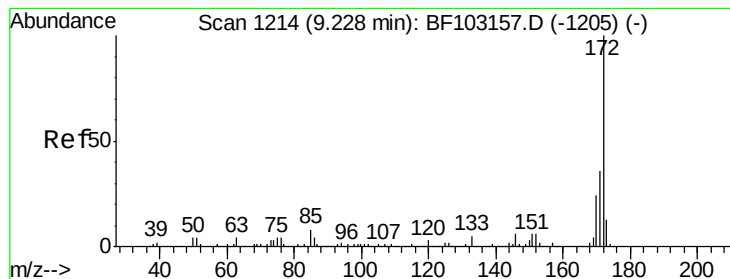


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.214 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

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ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

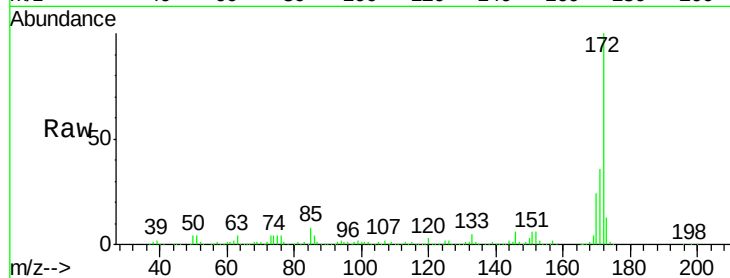
Tgt Ion:172 Resp: 1720907

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

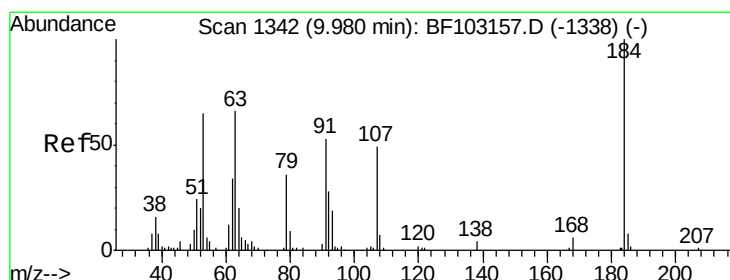
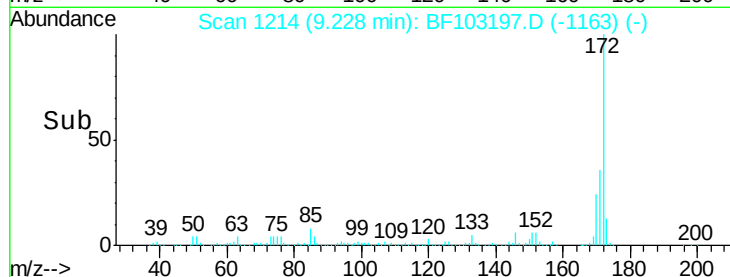
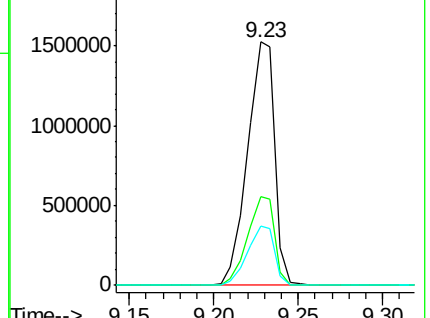
170 24.2 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 13.276 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF103197.D

Acq: 23 Feb 2018 14:11

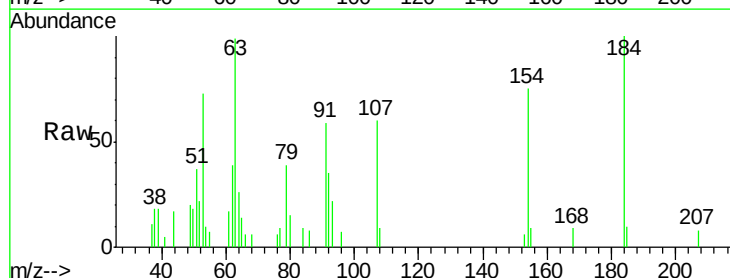
Tgt Ion:184 Resp: 8873

Ion Ratio Lower Upper

184 100

63 99.4 54.2 81.2#

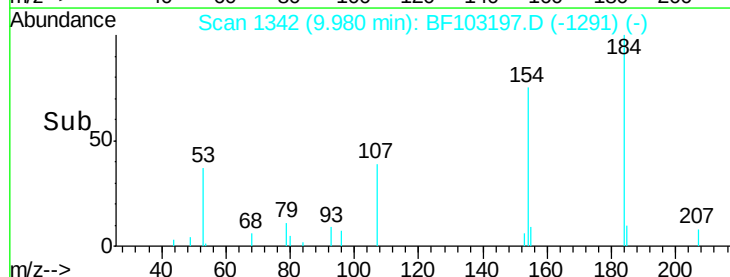
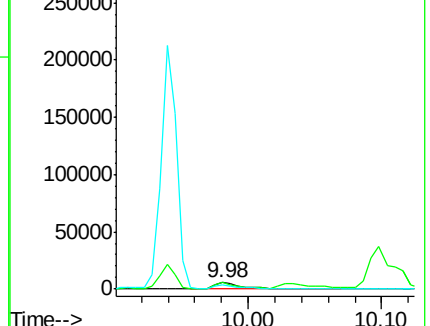
154 74.9 184.0 276.0#

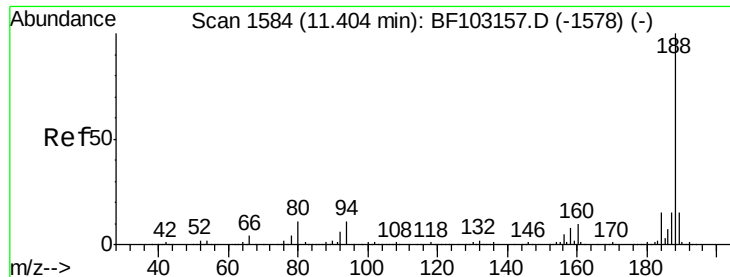


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

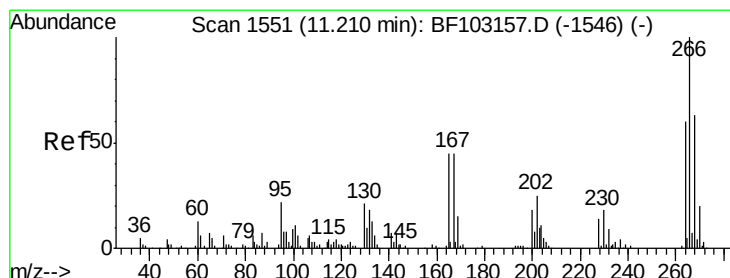
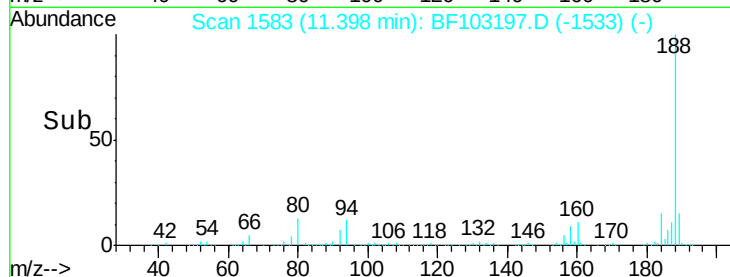
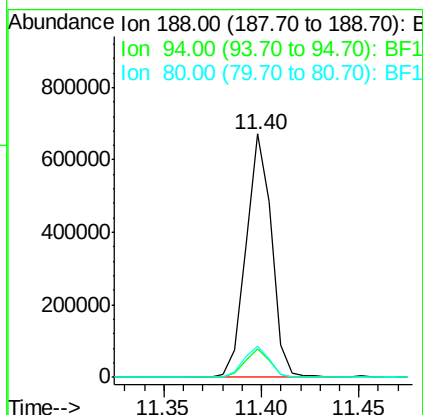
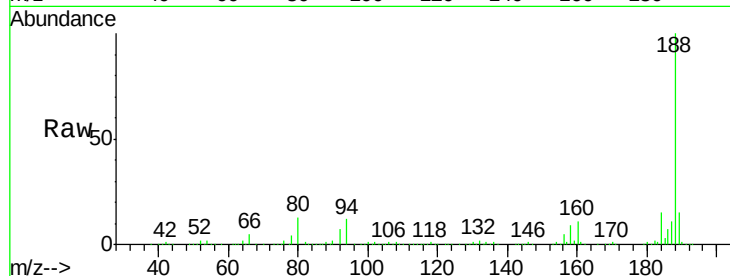




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

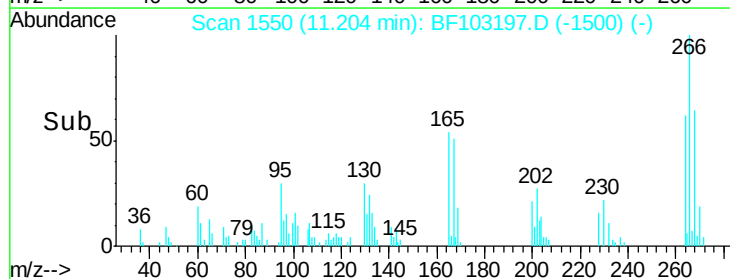
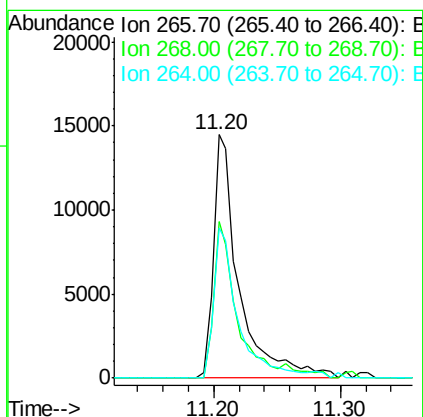
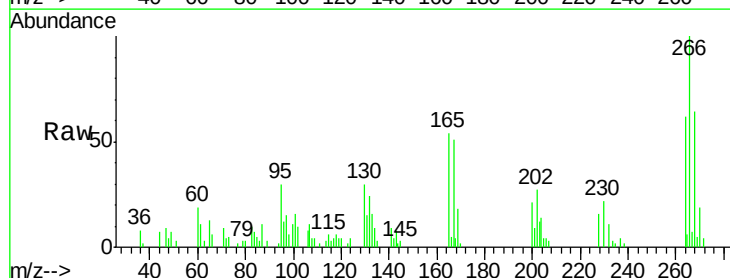
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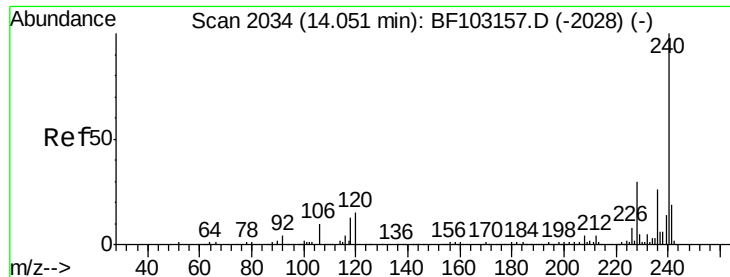
Tgt Ion:188 Resp: 605290
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.0 9.2 13.8



#69
Pentachlorophenol
Concen: 6.177 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

Tgt Ion:266 Resp: 20440
Ion Ratio Lower Upper
266 100
268 64.1 51.1 76.7
264 61.9 49.5 74.3

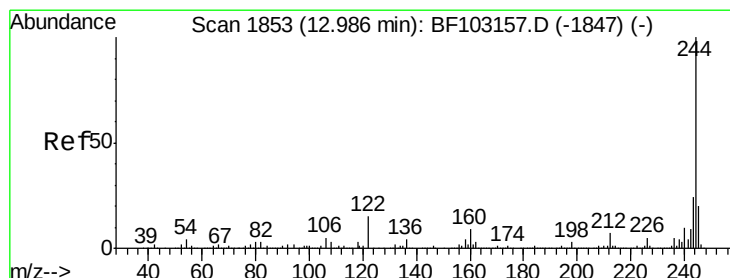
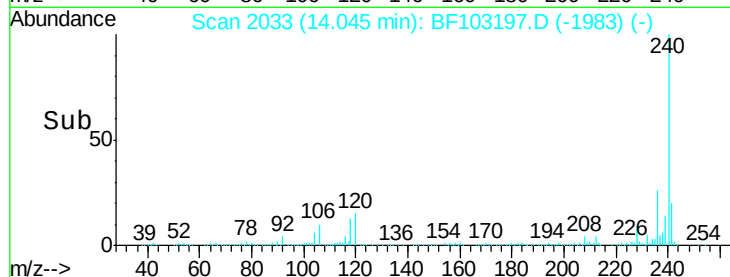
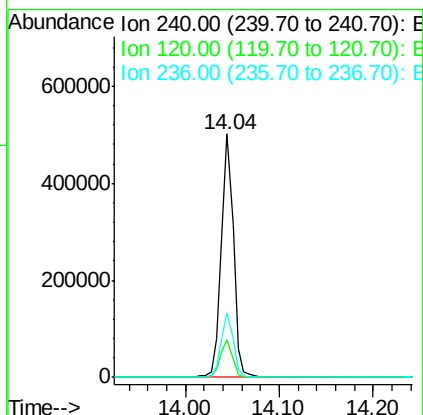
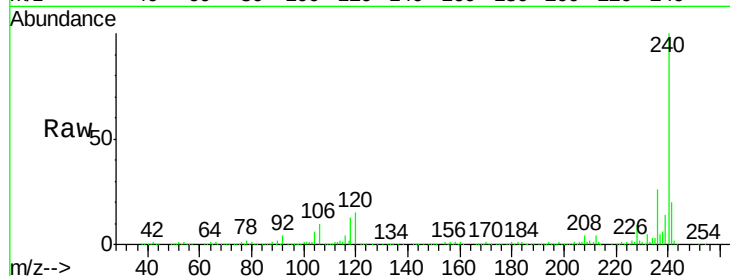




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

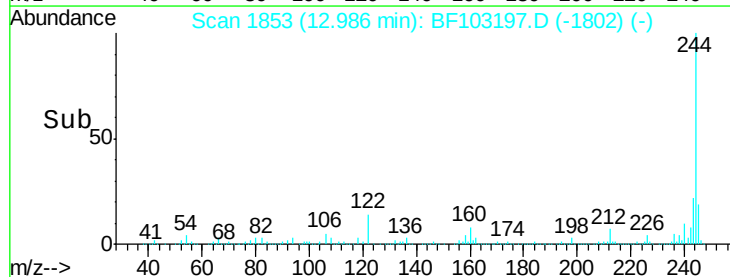
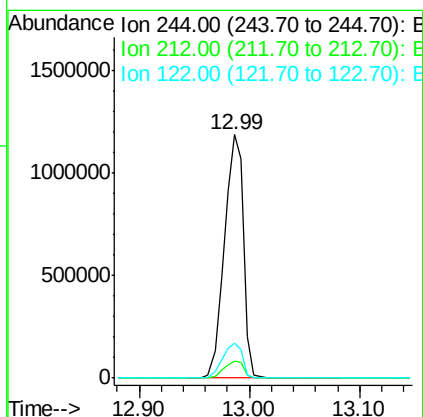
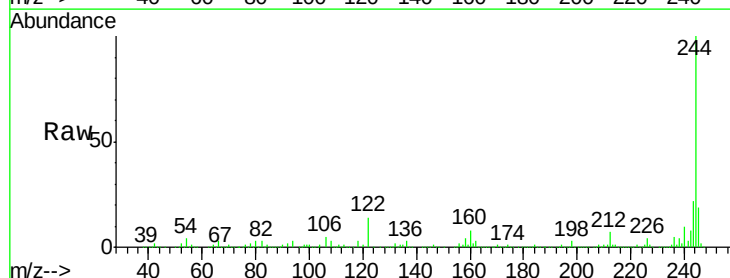
Instrument :
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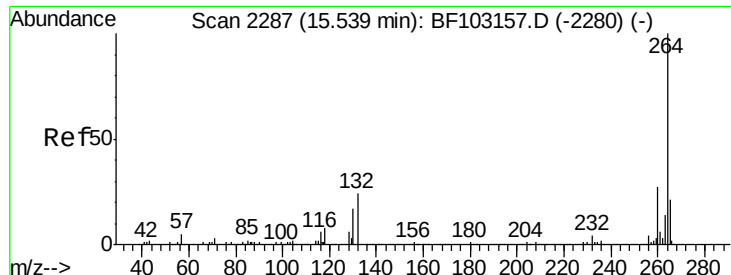
Tgt Ion:240 Resp: 459789
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 74.936 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103197.D
 Acq: 23 Feb 2018 14:11

Tgt Ion:244 Resp: 1433304
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.3 11.0 16.4

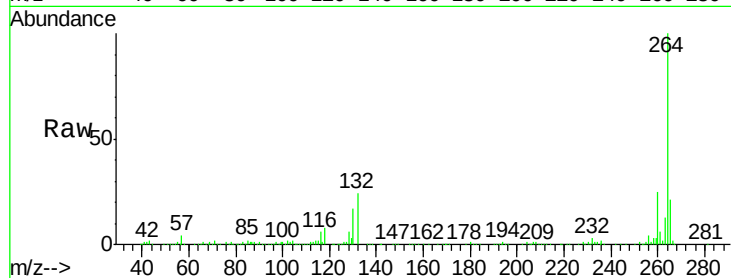




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103197.D
Acq: 23 Feb 2018 14:11

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

Tgt Ion: 264 Resp: 438297
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.4 17.5 26.3



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

