

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105161.D
 Acq On : 8 May 2018 22:58
 Operator : JU/SJ
 Sample : J2133-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Quant Time: May 09 09:18:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	198474	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	787522	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	394654	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	783219	20.00	ng	0.00
75) Chrysene-d12	13.99	240	659730	20.00	ng	-0.02
86) Perylene-d12	15.53	264	560986	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1526115	126.68	ng	0.00
7) Phenol-d6	6.42	99	1797794	125.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	1051355	90.48	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	589332	135.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1935818	76.13	ng	0.00
78) Terphenyl-d14	12.91	244	2139466	75.33	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.46	93	20068	0.958	ng	91
8) 2-Chlorophenol	6.57	128	14171	1.109	ng	96
9) Benzaldehyde	6.35	77	5788	0.526	ng	94
10) Phenol	6.43	94	17886	1.120	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	13995	1.064	ng	85
12) 1,3-Dichlorobenzene	6.73	146	18349	1.191	ng	98
13) 1,4-Dichlorobenzene	6.81	146	17876	1.161	ng	94
14) 1,2-Dichlorobenzene	6.96	146	16484	1.160	ng	94
15) Benzyl Alcohol	6.92	79	10194	0.929	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.06	45	25375	1.038	ng	94
18) Hexachloroethane	7.30	117	5591	1.128	ng	97
24) Nitrobenzene	7.37	77	18649	1.415	ng	97
31) Naphthalene	8.09	128	44664	1.178	ng	99
34) Hexachlorobutadiene	8.21	225	8535	1.182	ng	94
37) 2-Methylnaphthalene	8.78	142	29469	1.115	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	14740	1.174	ng	96
45) 1,1'-Biphenyl	9.25	154	45912	1.428	ng	97
46) 2-Chloronaphthalene	9.27	162	29143	1.213	ng	96
47) 2-Nitroaniline	9.36	65	4845	6.414	ng	88
48) Acenaphthylene	9.69	152	43168	1.163	ng	97
49) Dimethylphthalate	9.54	163	32008	1.198	ng	99
50) 2,6-Dinitrotoluene	9.60	165	4570	0.788	ng	93
51) Acenaphthene	9.86	154	27340	1.143	ng	97
54) Dibenzofuran	10.03	168	40653	1.162	ng	96
57) Fluorene	10.37	166	32804	1.278	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	5523	0.773	ng	# 91
59) Diethylphthalate	10.25	149	29115	1.109	ng	99
62) Azobenzene	10.53	77	28046	1.024	ng	95
65) n-Nitrosodiphenylamine	10.49	169	26363	1.080	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	9304	1.114	ng	# 83
67) Hexachlorobenzene	10.92	284	10827	1.125	ng	# 86
68) Atrazine	11.00	200	4866	0.636	ng	97
70) Phenanthrene	11.33	178	50354	1.219	ng	97
71) Anthracene	11.39	178	45368	1.081	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

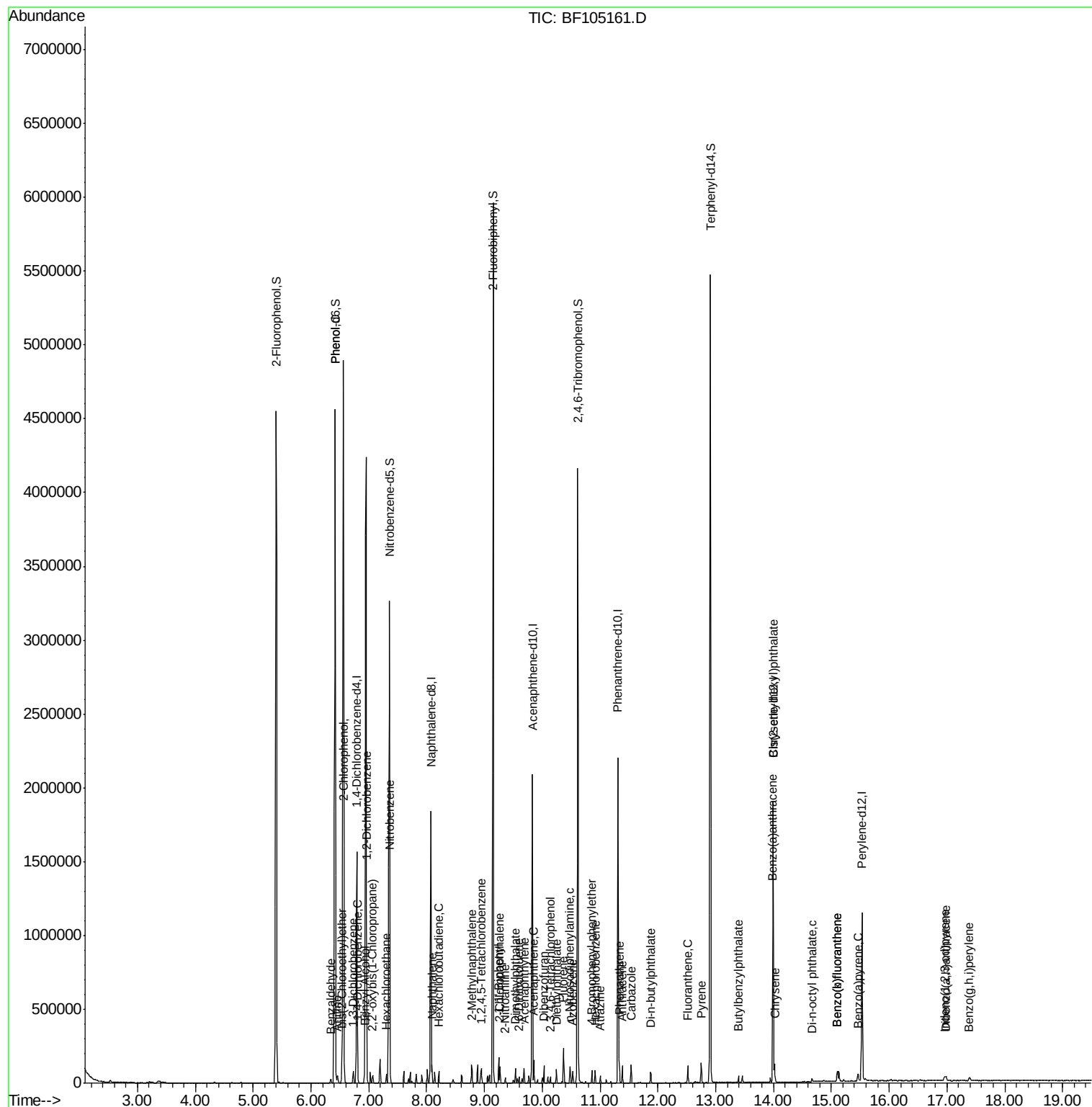
72) Carbazole	11.54	167	41164	1.089	nq	98
73) Di-n-butylphthalate	11.87	149	34134	0.844	nq	99
74) Fluoranthene	12.52	202	45107	1.048	nq	96
77) Pyrene	12.75	202	48728	1.015	nq	97
79) Butylbenzylphthalate	13.39	149	8722	7.330	nq	93
80) Benzo(a)anthracene	13.98	228	40751	1.018	nq	99
82) Chrysene	14.02	228	44052	1.069	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	12491	0.630	nq	99
84) Di-n-octyl phthalate	14.67	149	12450	7.212	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.96	276	24027	0.736	nq	# 86
87) Benzo(b)fluoranthene	15.10	252	31855	0.928	nq	96
88) Benzo(k)fluoranthene	15.10	252	31855	0.957	nq	96
89) Benzo(a)pyrene	15.46	252	27244	0.873	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	20679	0.853	nq	96
91) Benzo(a,h,i)perylene	17.39	276	20334	0.857	nq	97

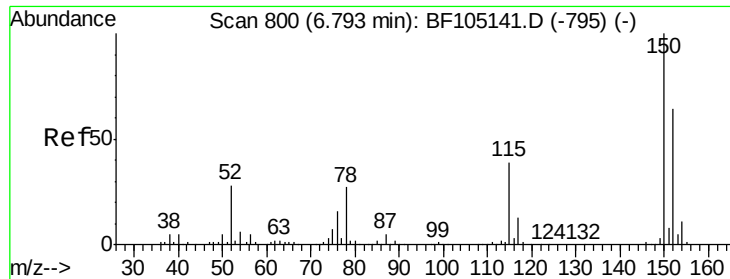
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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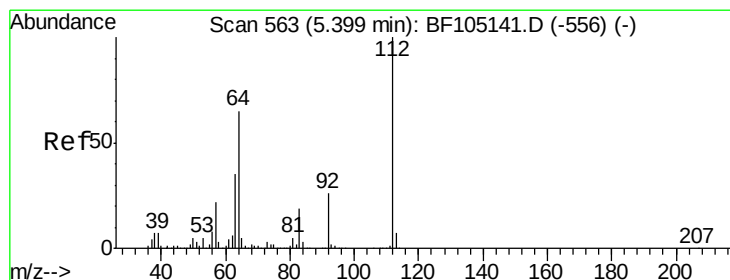
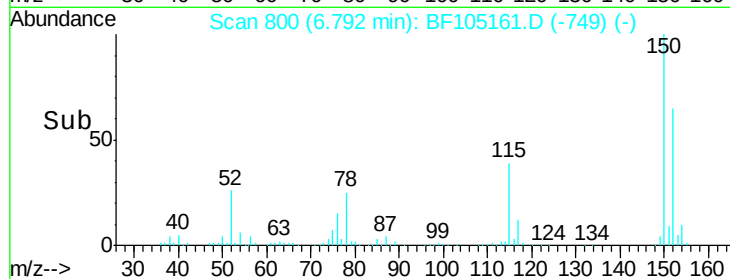
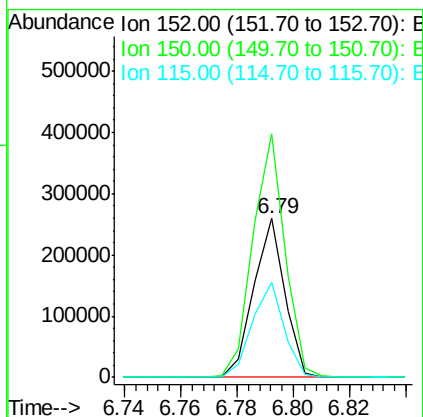
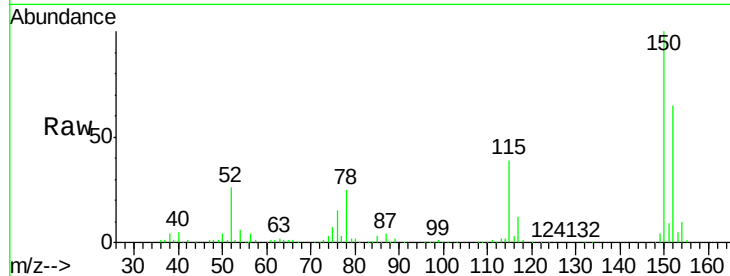


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

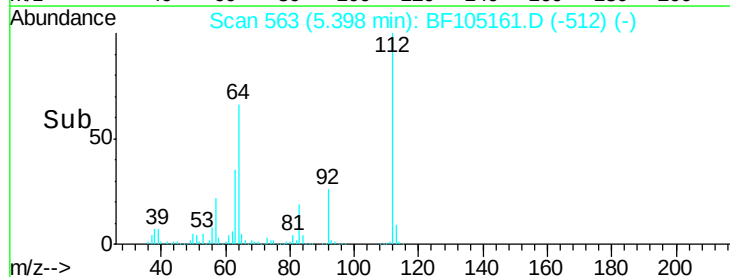
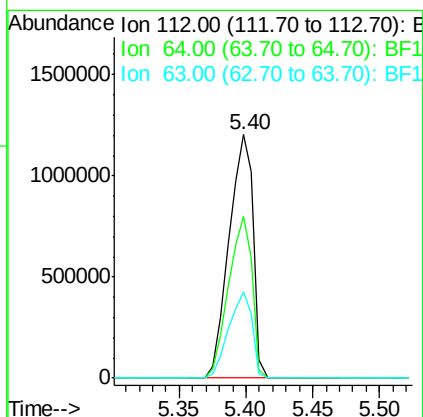
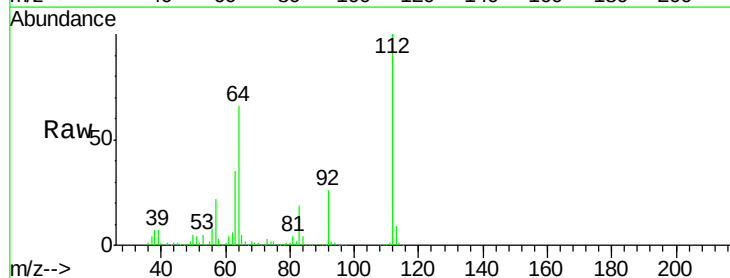
Tot Ion:152 Resp: 198474
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 60.3 50.1 75.1

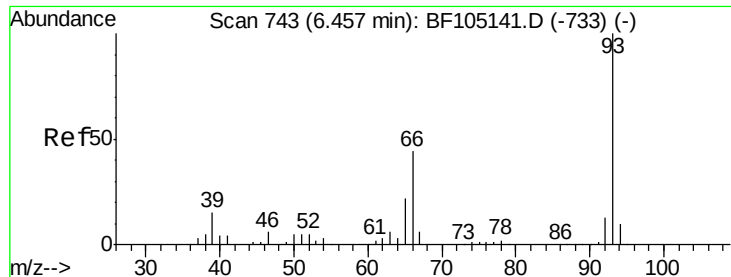


#5

2-Fluorophenol
Concen: 126.675 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:112 Resp: 1526115
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 35.4 23.7 35.5





#6

Aniline

Concen: 0.958 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

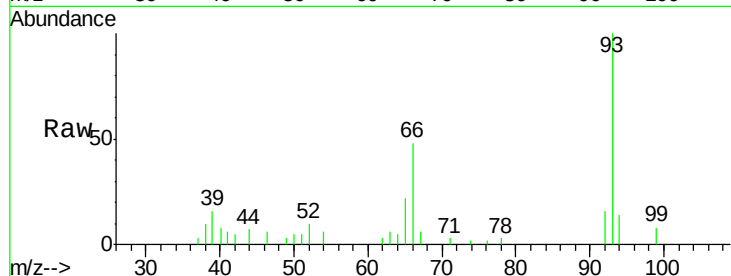
Tot Ion: 93 Resp: 20068

Ion Ratio Lower Upper

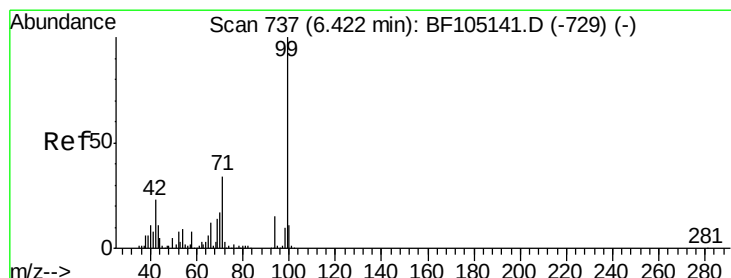
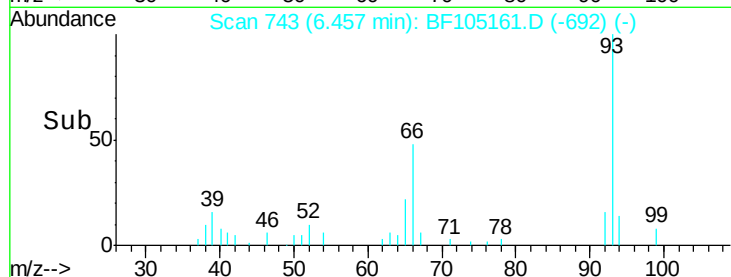
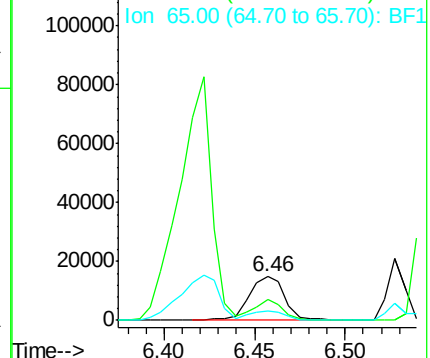
93 100

66 47.7 32.2 48.2

65 22.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 125.326 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

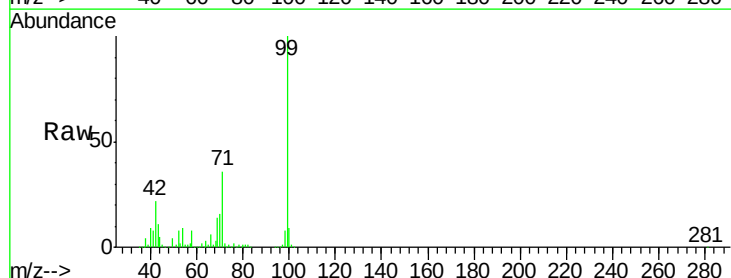
Tgt Ion: 99 Resp: 1797794

Ion Ratio Lower Upper

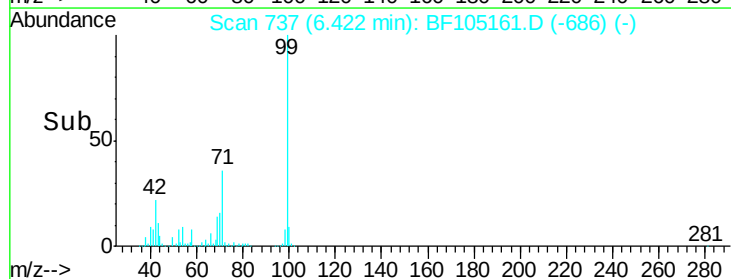
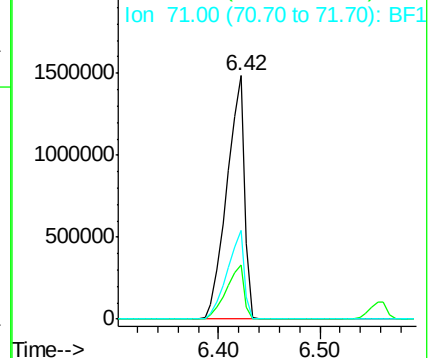
99 100

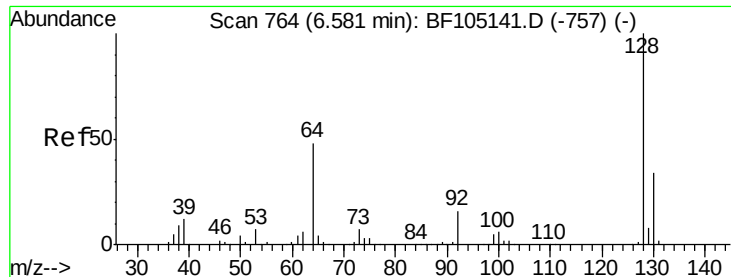
42 22.4 14.5 21.7#

71 36.4 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





#8

2-Chlorophenol

Concen: 1.109 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

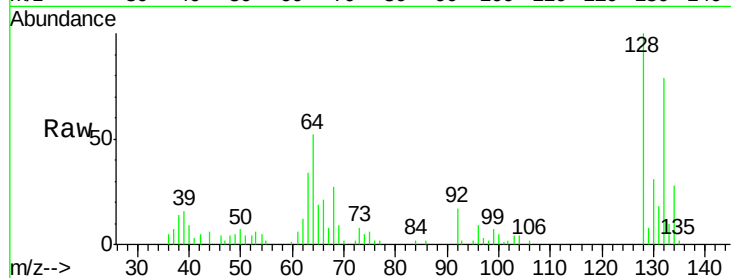
Tot Ion:128 Resp: 14171

Ion Ratio Lower Upper

128 100

130 30.9 13.0 53.0

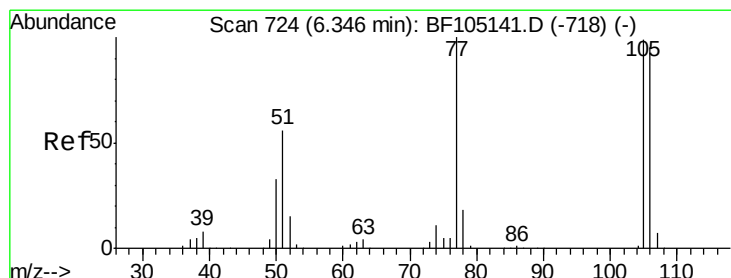
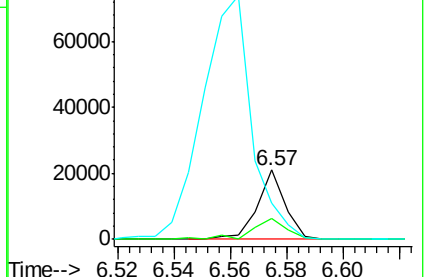
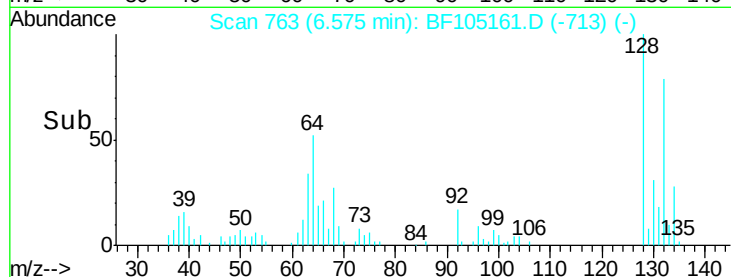
64 52.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.526 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

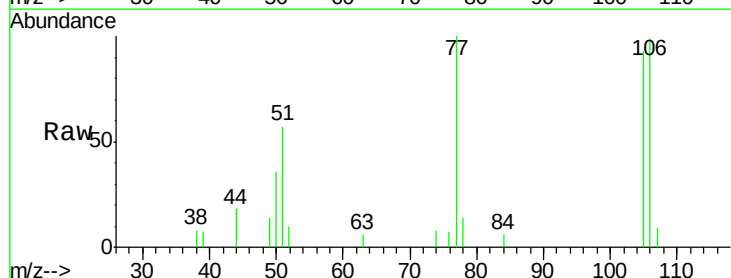
Tgt Ion: 77 Resp: 5788

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

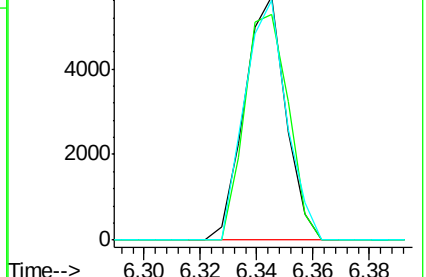
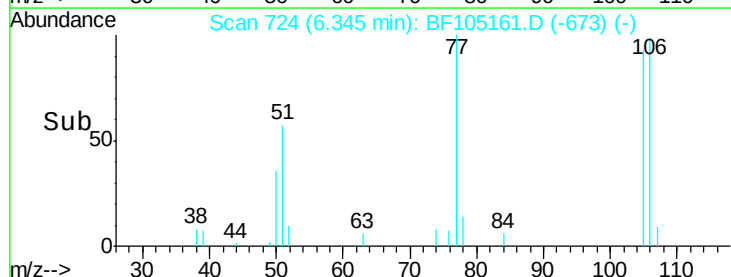
106 98.7 74.5 114.5

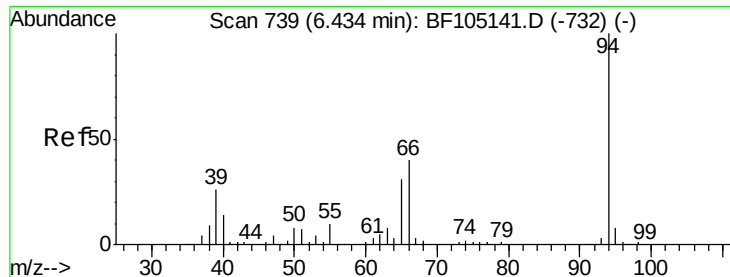


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.120 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105161.D

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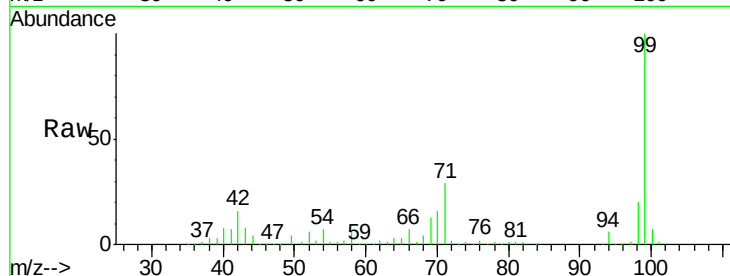
Tot Ion: 94 Resp: 17886

Ion Ratio Lower Upper

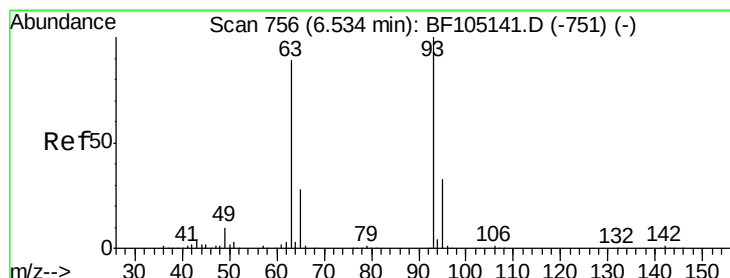
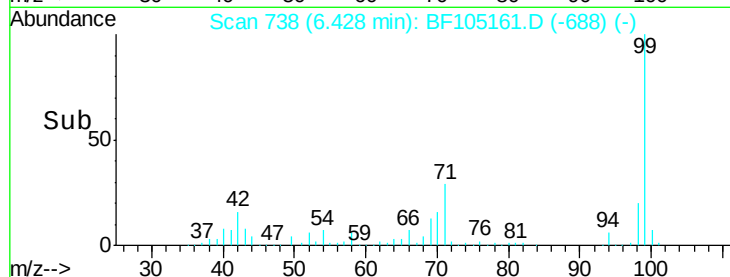
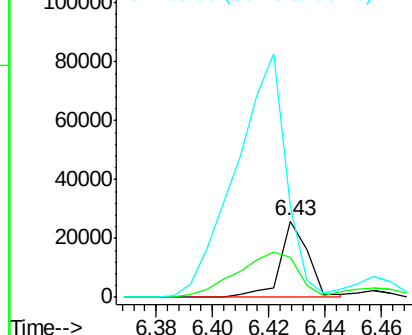
94 100

65 52.3 7.9 47.9#

66 119.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 1.064 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

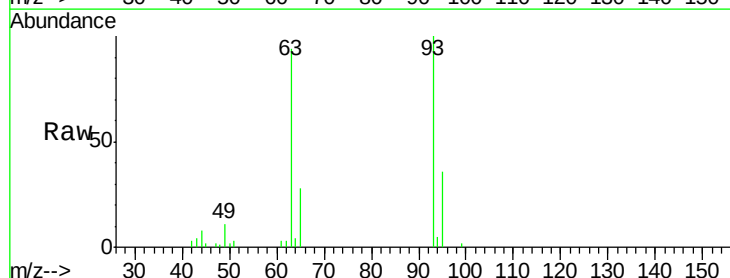
Tgt Ion: 93 Resp: 13995

Ion Ratio Lower Upper

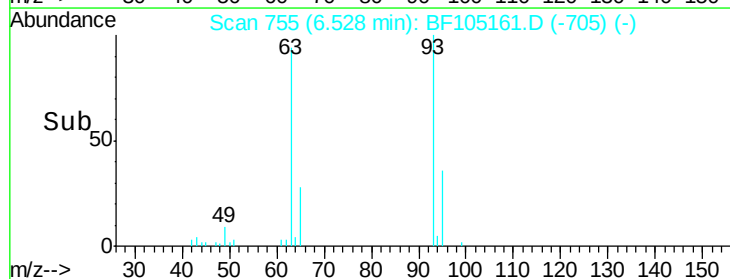
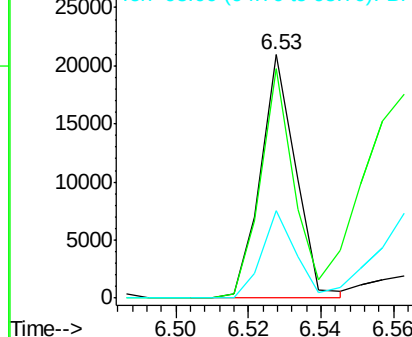
93 100

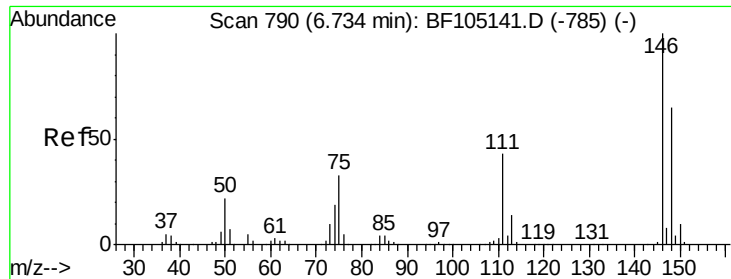
63 94.3 58.6 98.6

95 36.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

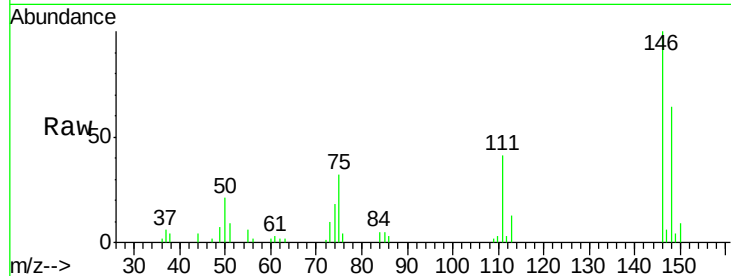




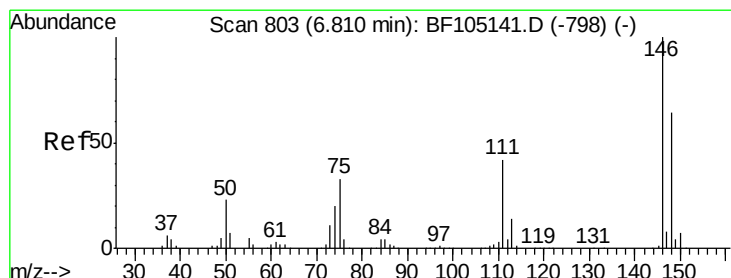
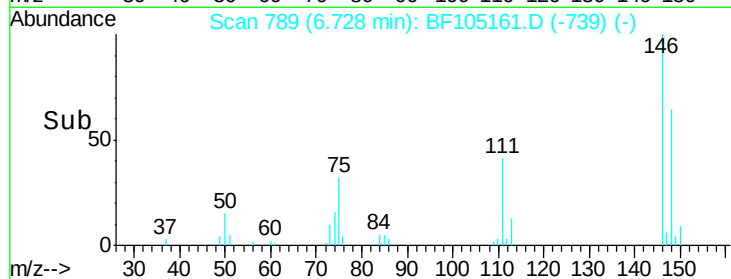
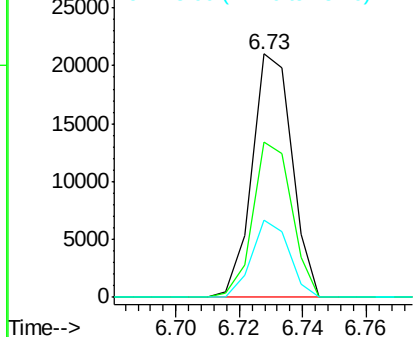
#12
 1,3-Dichlorobenzene
 Concen: 1.191 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Instrument :
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 LOD-MDL-WATER-01-QT2-2018

Tot Ion:146 Resp: 18349
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 31.8 24.2 36.4

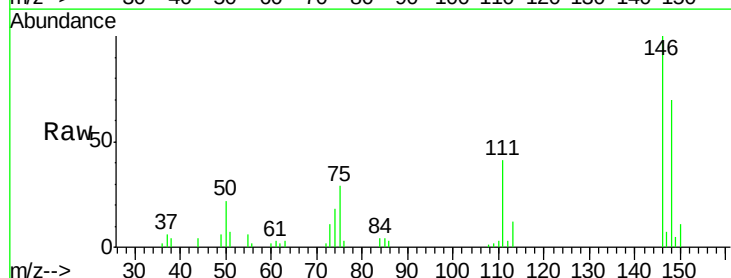


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

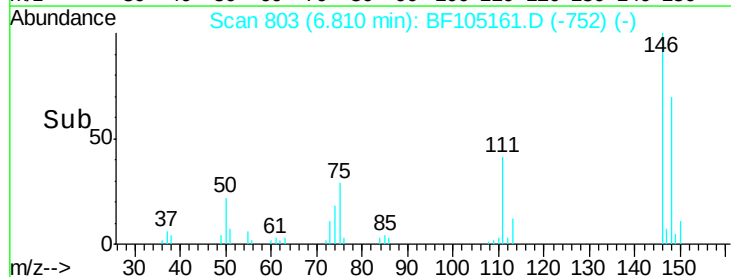
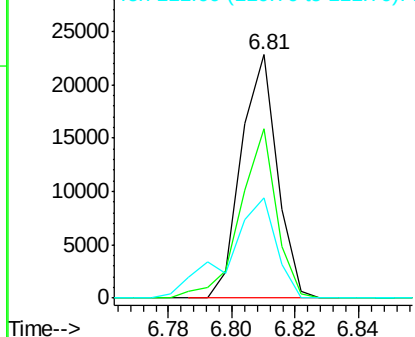


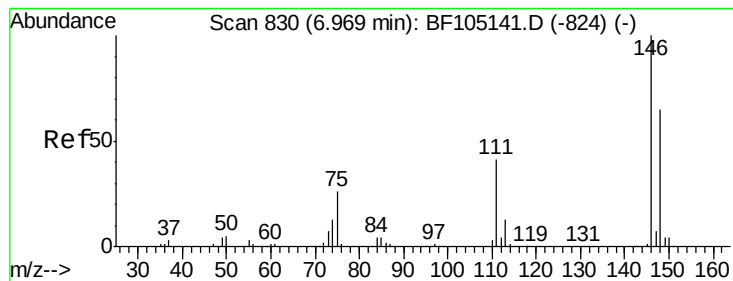
#13
 1,4-Dichlorobenzene
 Concen: 1.161 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:146 Resp: 17876
 Ion Ratio Lower Upper
 146 100
 148 69.5 50.8 76.2
 111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1.160 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

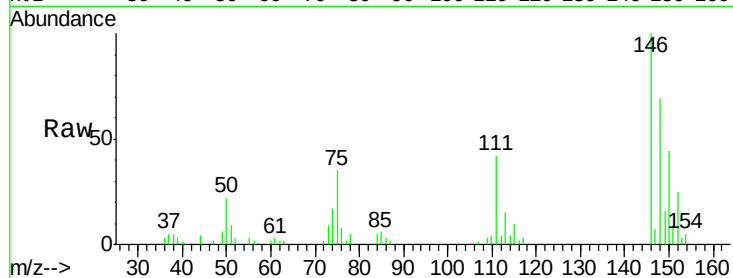
Tot Ion:146 Resp: 16484

Ion Ratio Lower Upper

146 100

148 68.9 50.6 75.8

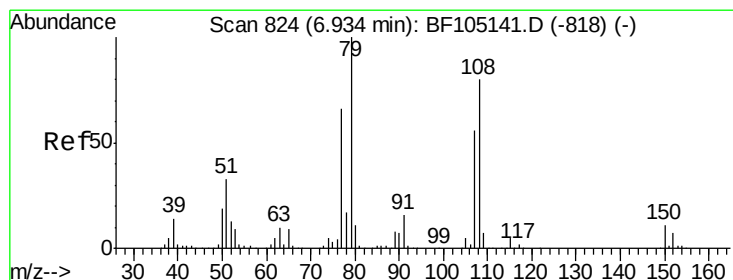
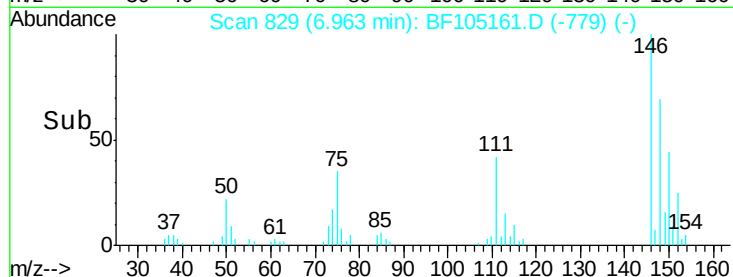
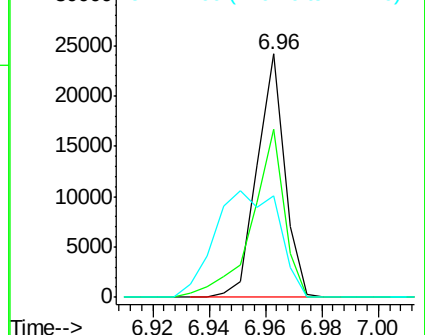
111 41.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.929 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

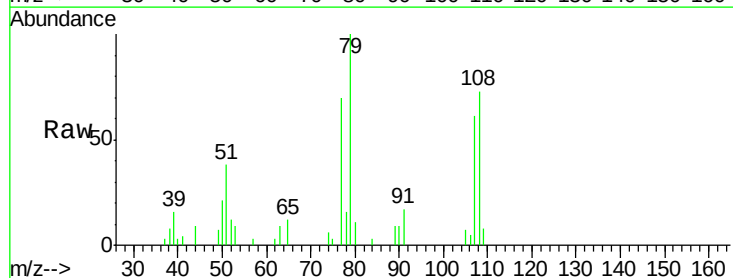
Tgt Ion: 79 Resp: 10194

Ion Ratio Lower Upper

79 100

108 72.8 65.1 97.7

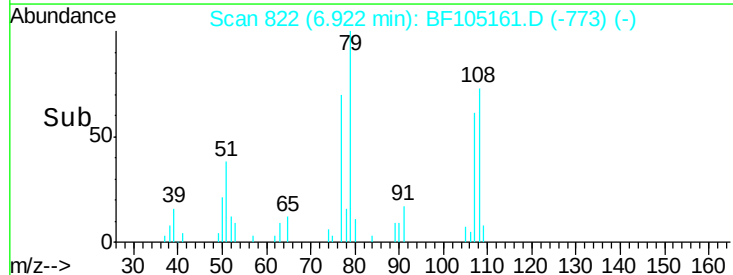
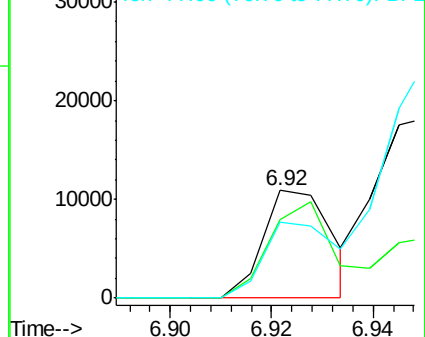
77 70.4 50.6 75.8

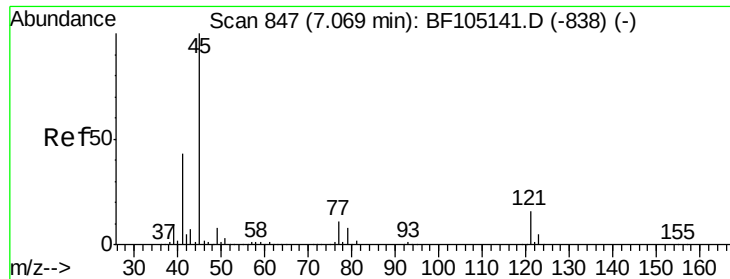


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

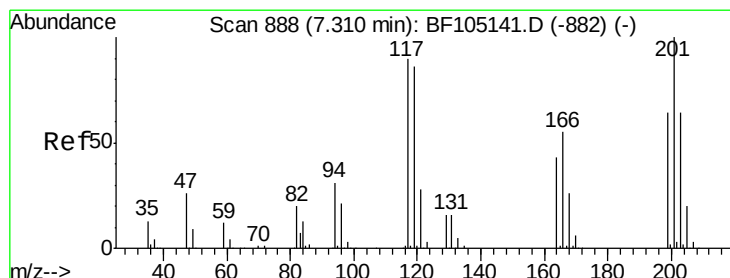
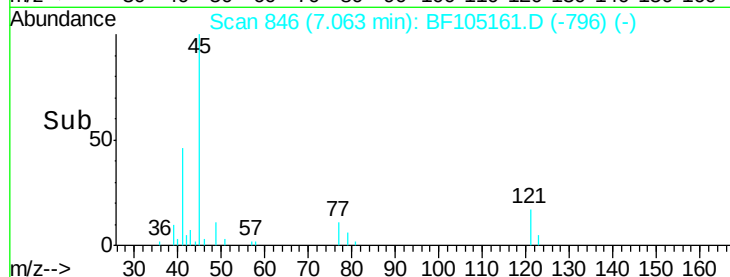
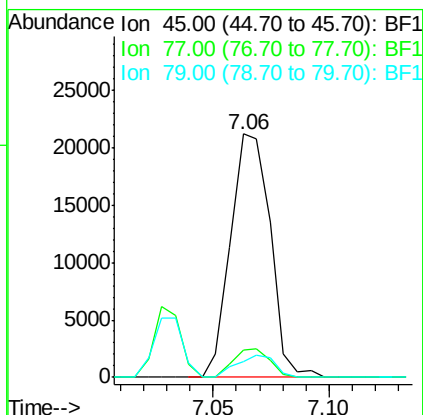
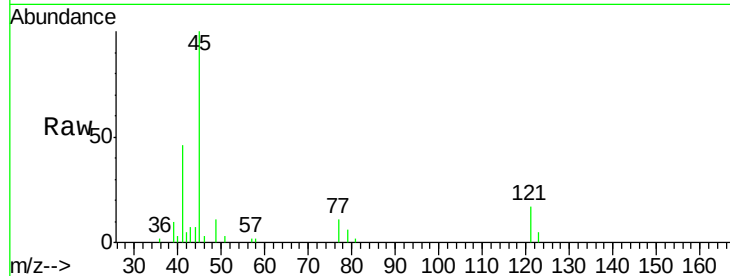




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.038 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

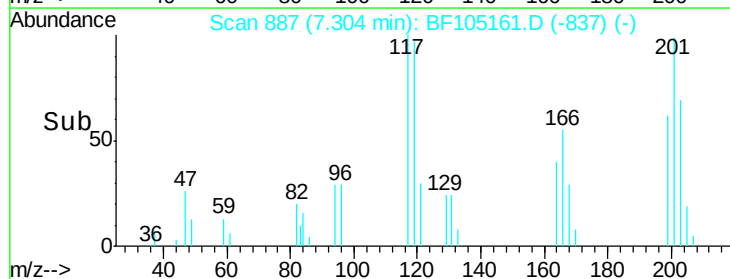
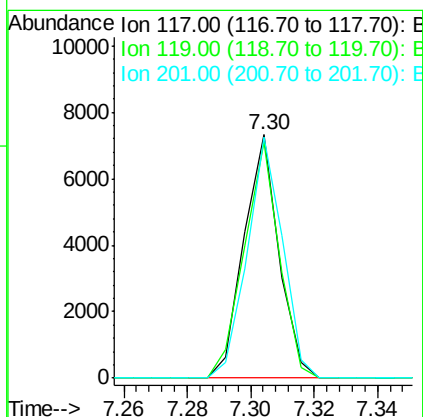
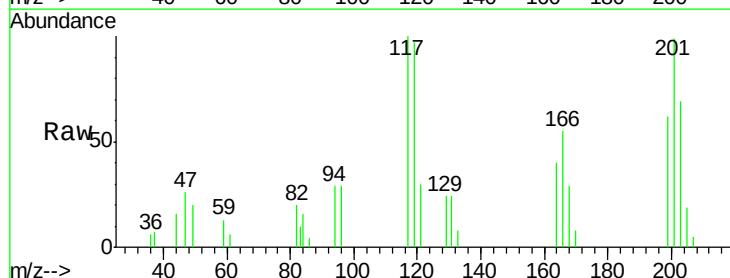
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

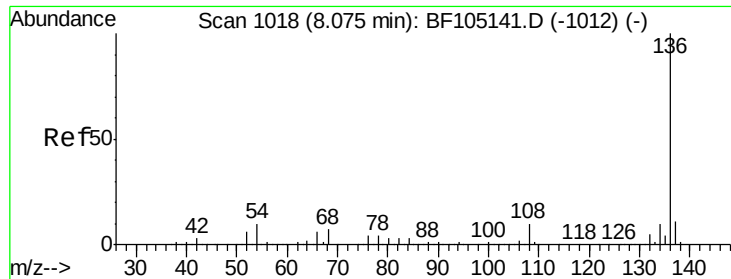
Tot Ion: 45 Resp: 25375
Ion Ratio Lower Upper
45 100
77 11.4 0.0 32.9
79 6.4 0.0 29.6



#18
Hexachloroethane
Concen: 1.128 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion: 117 Resp: 5591
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 99.2 75.7 113.5

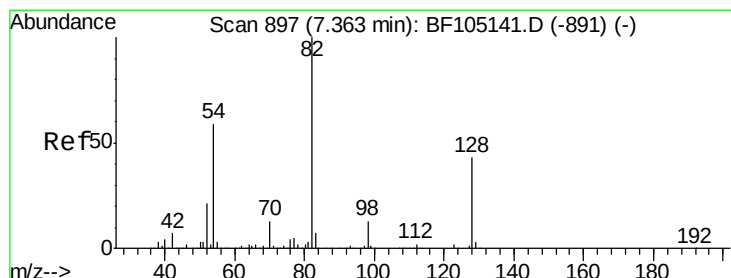
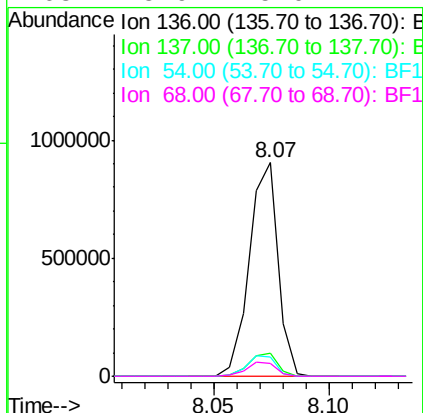
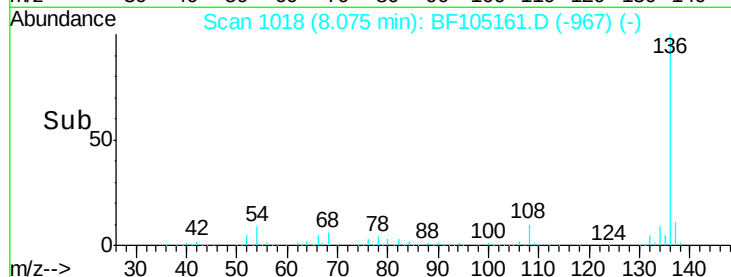
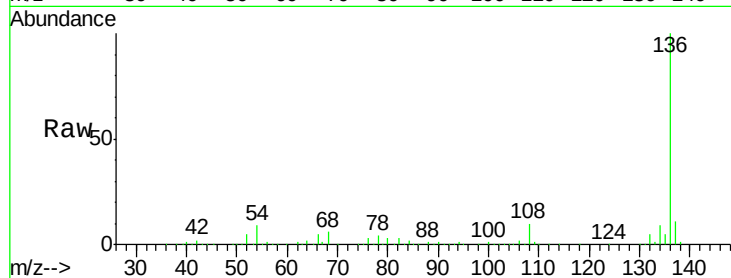




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

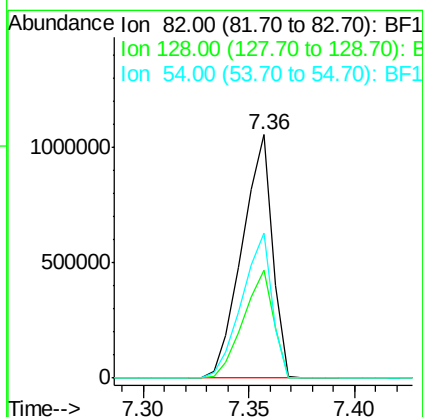
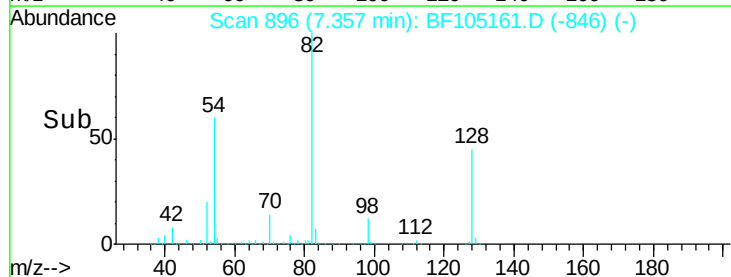
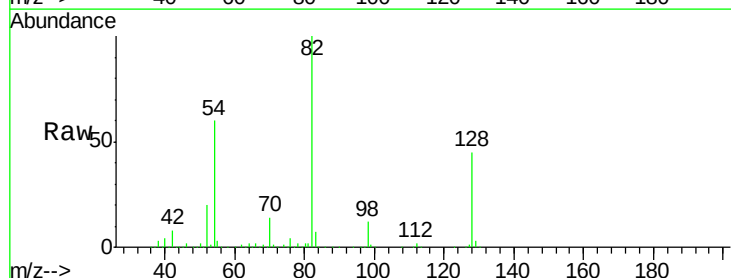
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

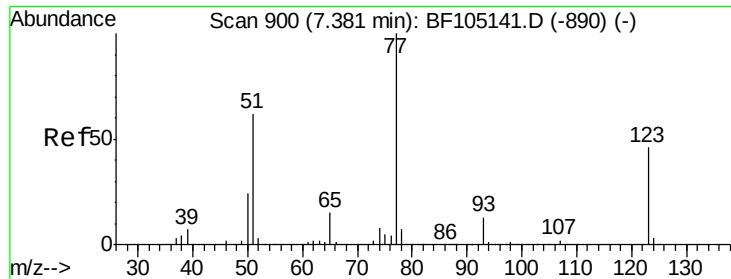
Tot Ion:136	Resp:	787522
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.0	6.6 9.8
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.479 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion: 82	Resp:	1051355
Ion Ratio	Lower	Upper
82	100	
128	44.6	36.1 54.1
54	59.6	41.4 62.2





#24

Nitrobenzene

Concen: 1.415 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

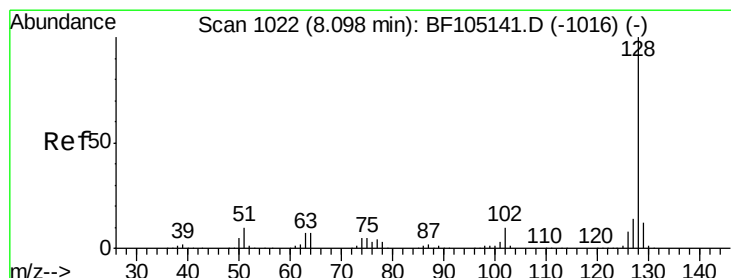
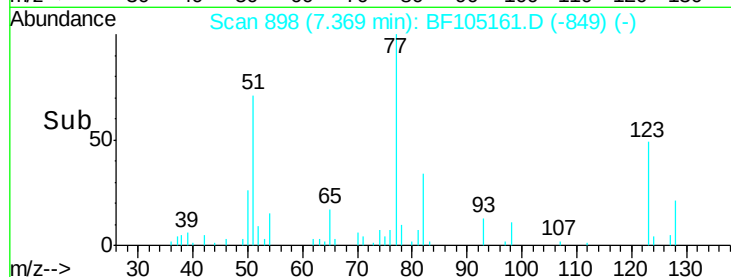
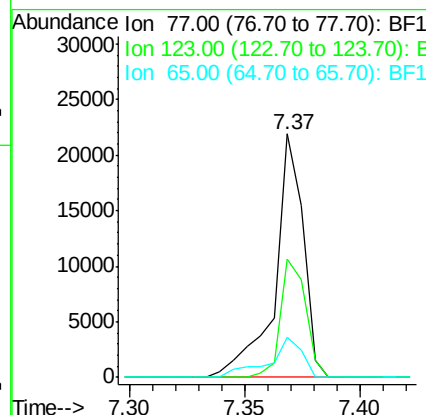
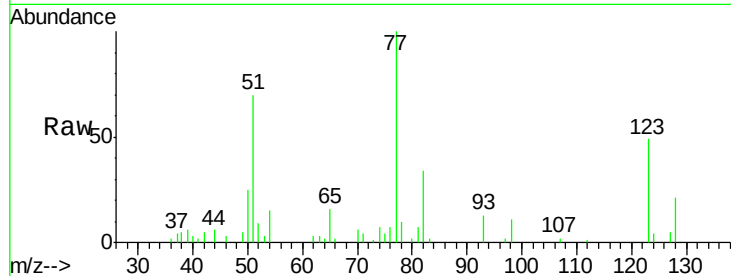
Tot Ion: 77 Resp: 18649

Ion Ratio Lower Upper

77 100

123 48.8 37.9 56.9

65 16.4 11.0 16.4



#31

Naphthalene

Concen: 1.178 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

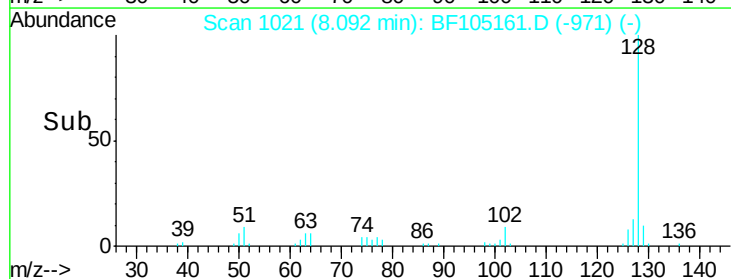
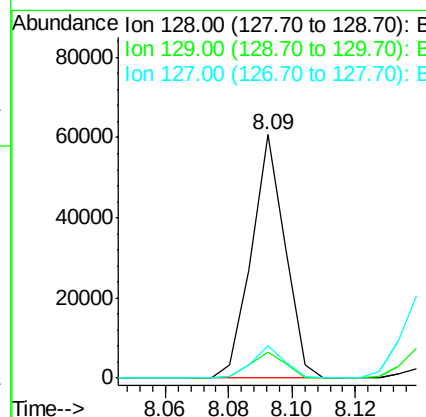
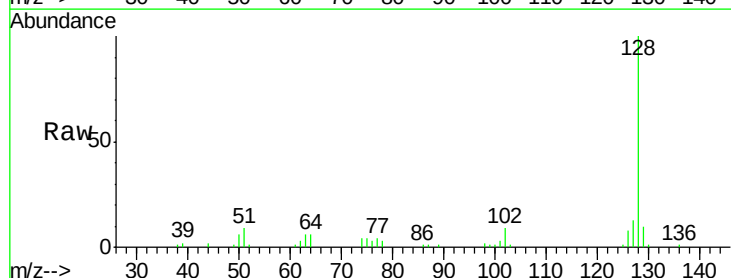
Tgt Ion: 128 Resp: 44664

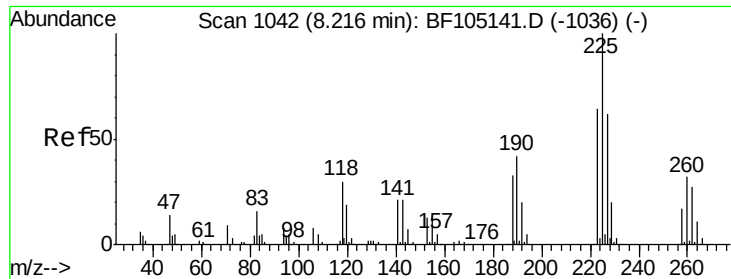
Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 13.4 10.9 16.3

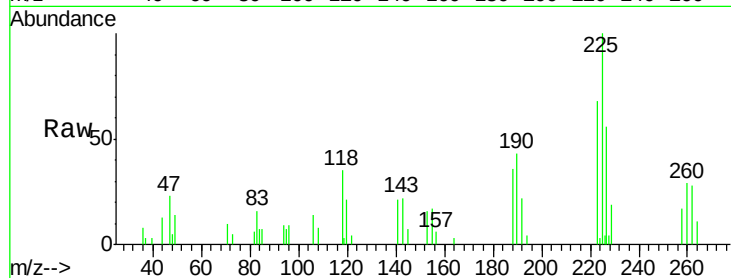




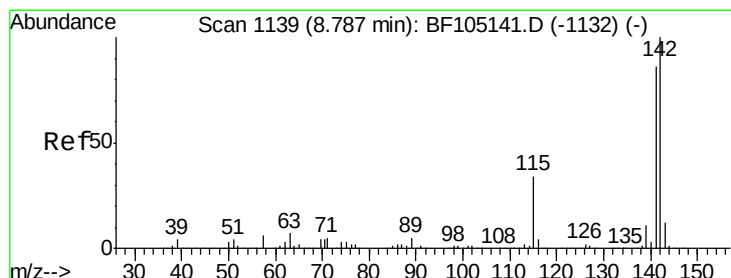
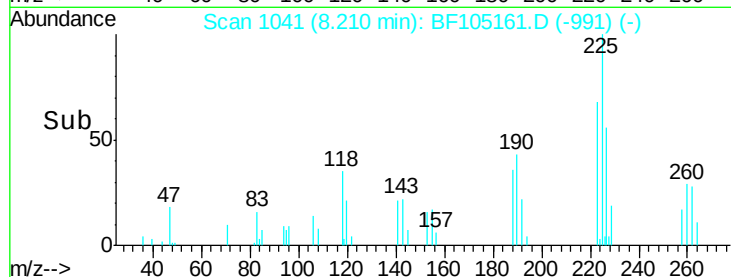
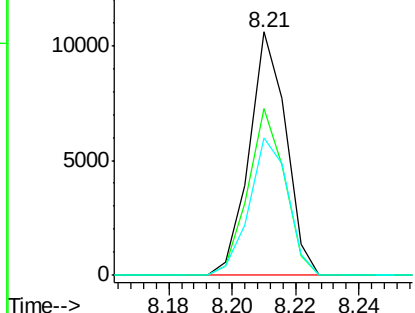
#34
Hexachlorobutadiene
Concen: 1.182 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion:225 Resp: 8535
Ion Ratio Lower Upper
225 100
223 68.5 50.6 76.0
227 60.0 51.9 77.9

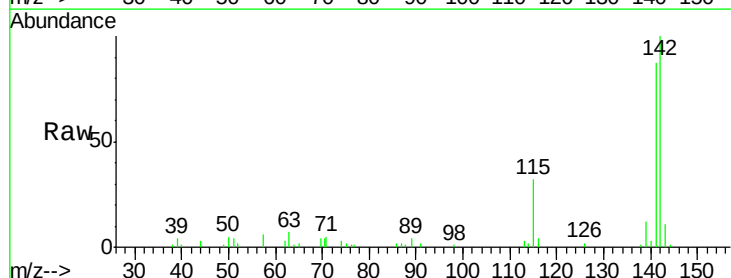


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

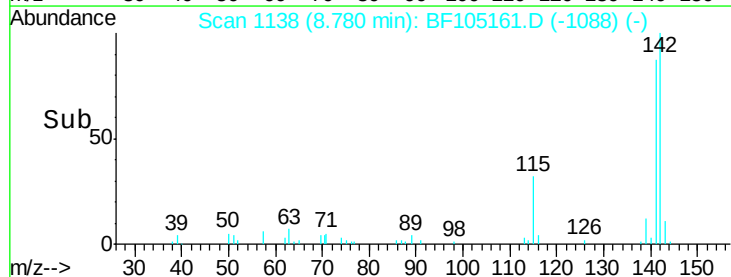
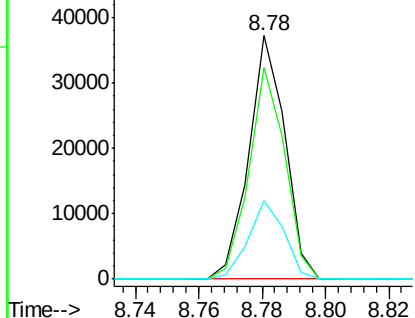


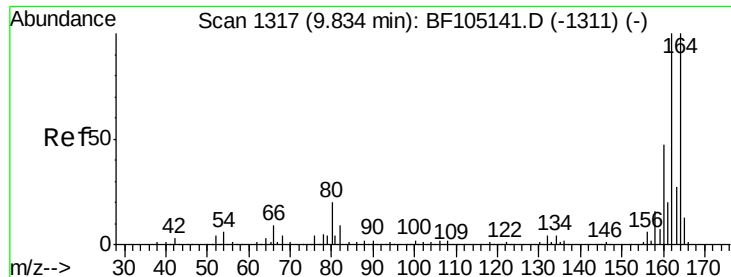
#37
2-Methylnaphthalene
Concen: 1.115 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:142 Resp: 29469
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

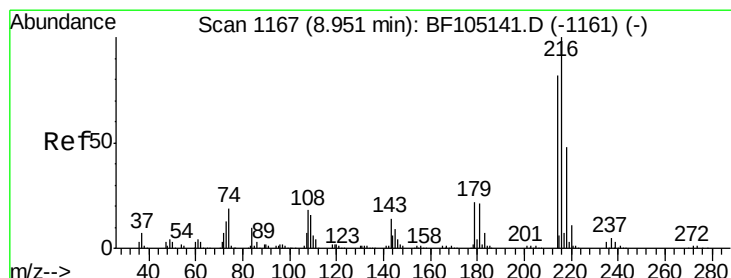
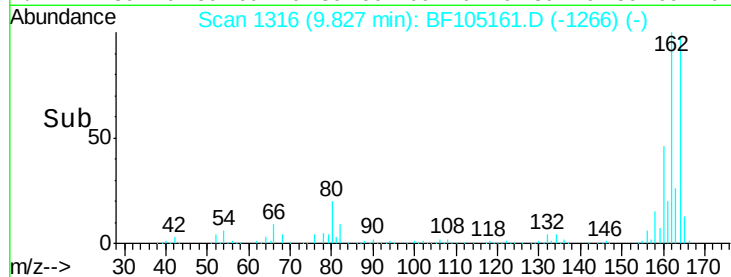
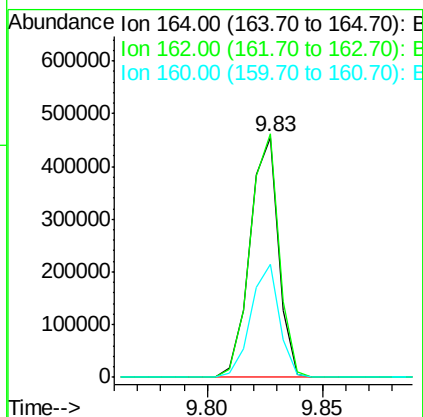
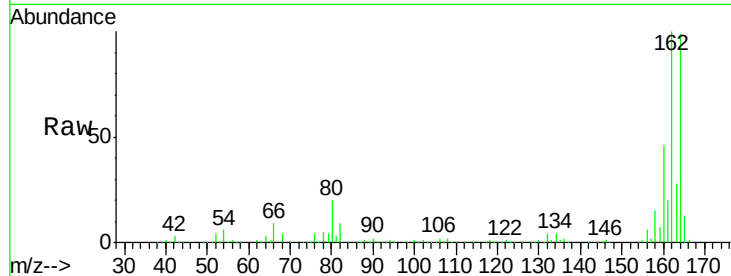




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

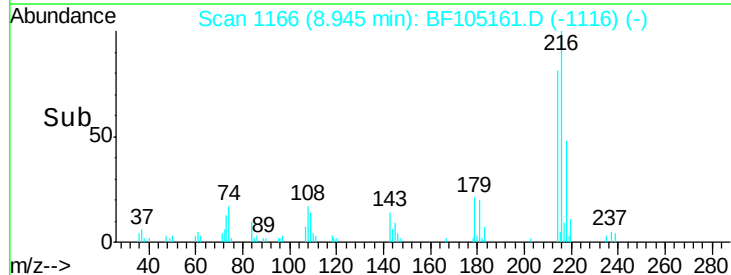
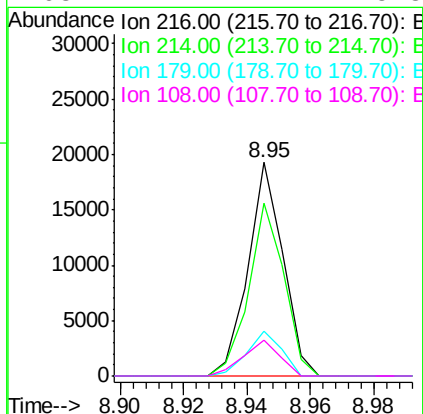
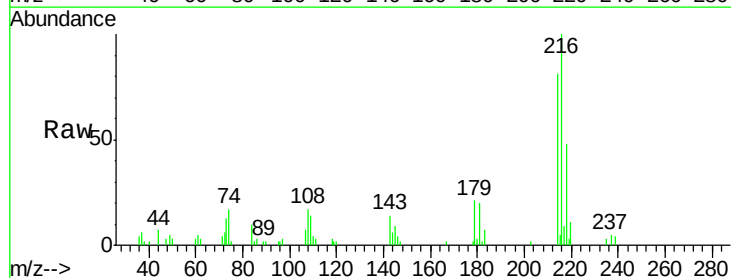
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

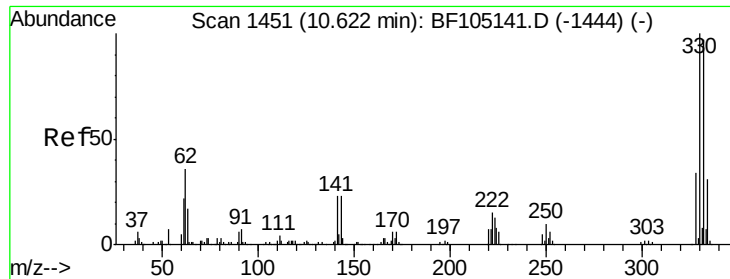
Tot Ion:164 Resp: 394654
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.8 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.174 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:216 Resp: 14740
Ion Ratio Lower Upper
216 100
214 81.6 63.0 94.4
179 20.8 18.1 27.1
108 17.4 17.2 25.8

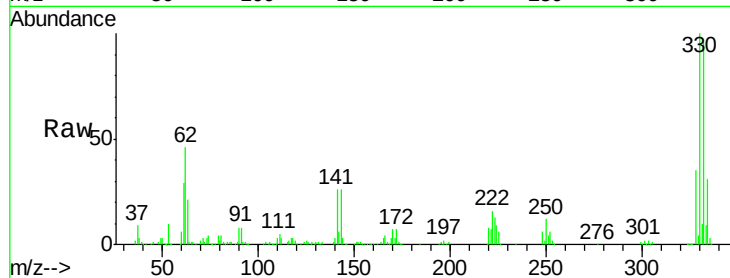




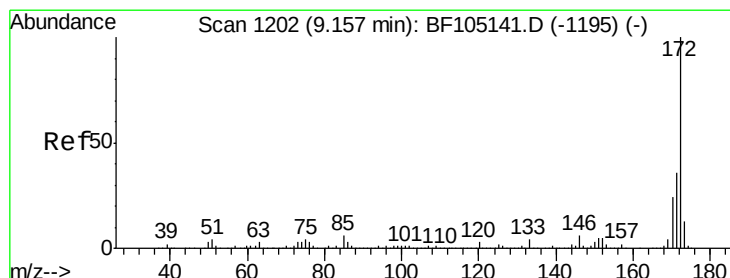
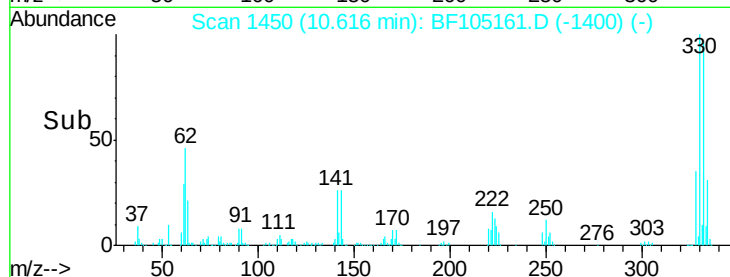
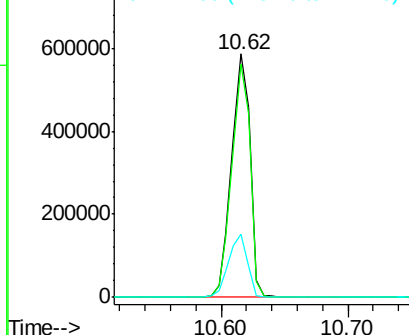
#41
 2,4,6-Tribromophenol
 Concen: 135.351 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.6	29.9	44.9#

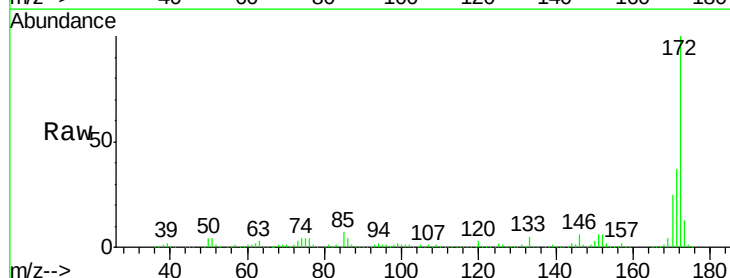


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

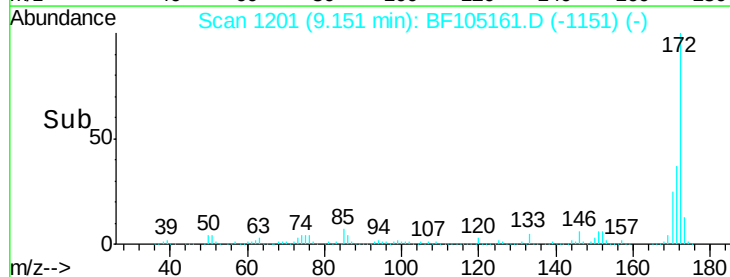
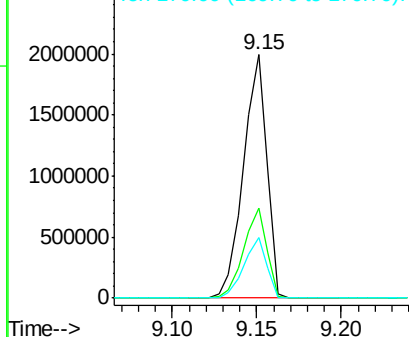


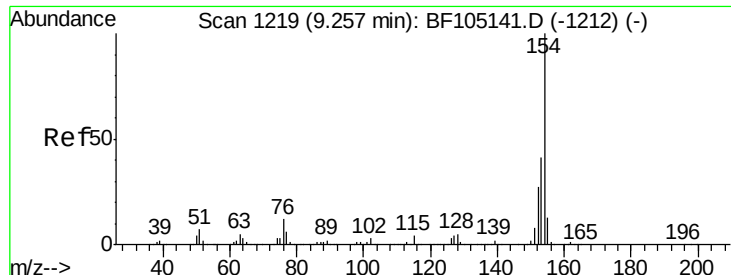
#44
 2-Fluorobiphenyl
 Concen: 76.132 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	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





#45

1,1'-Biphenyl

Concen: 1.428 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

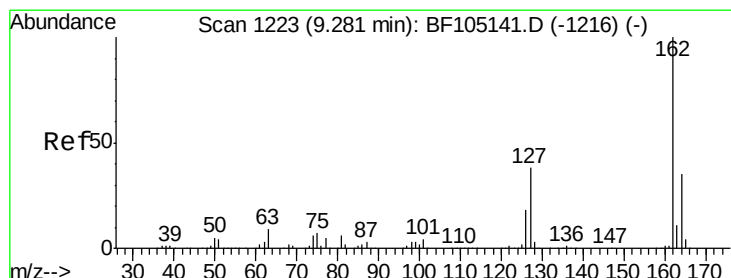
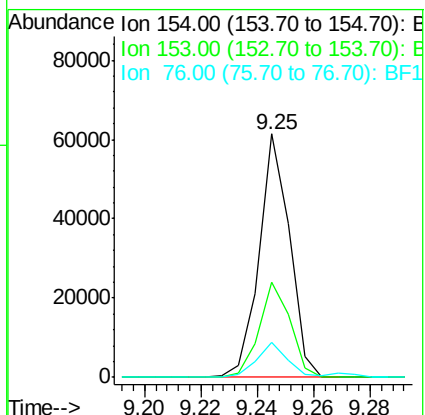
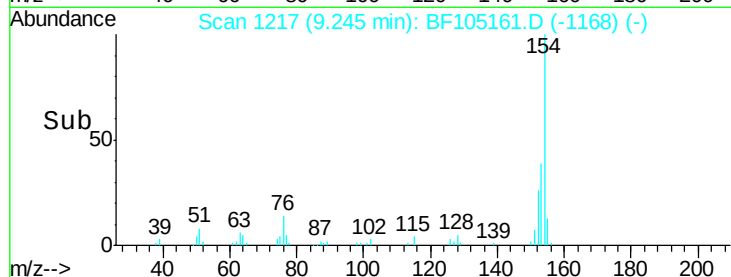
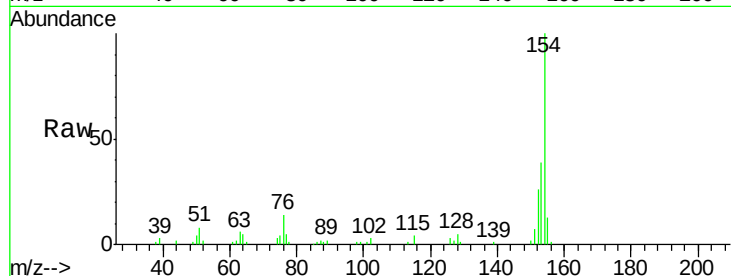
Tot Ion:154 Resp: 45912

Ion Ratio Lower Upper

154 100

153 39.0 21.3 61.3

76 14.3 0.0 34.0



#46

2-Chloronaphthalene

Concen: 1.213 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

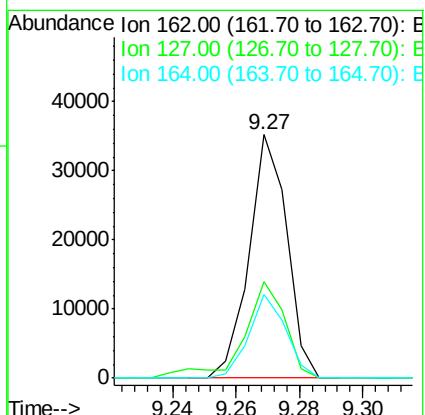
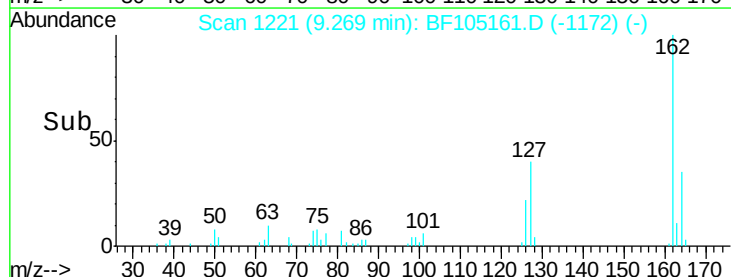
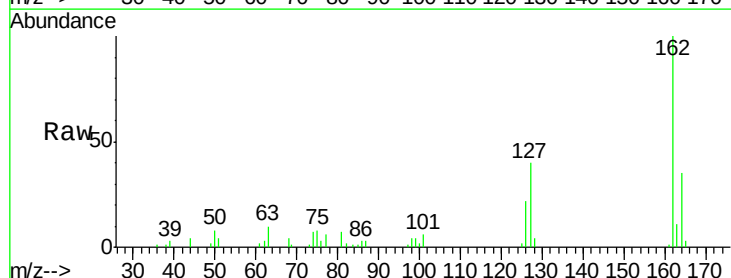
Tgt Ion:162 Resp: 29143

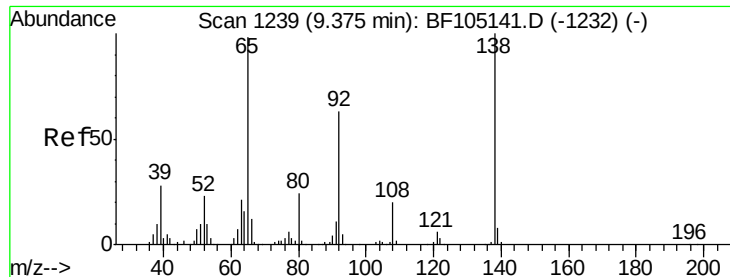
Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

164 34.6 26.5 39.7





#47

2-Nitroaniline

Concen: 6.414 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

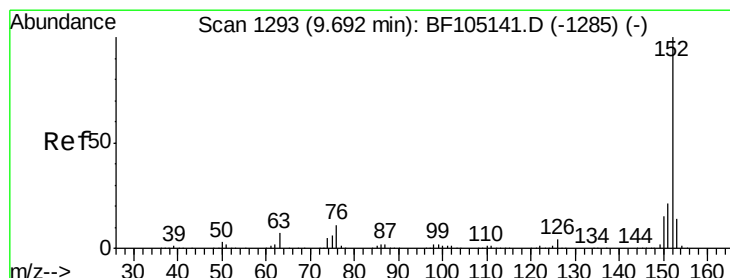
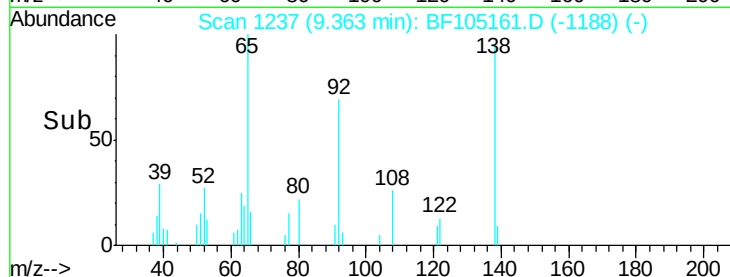
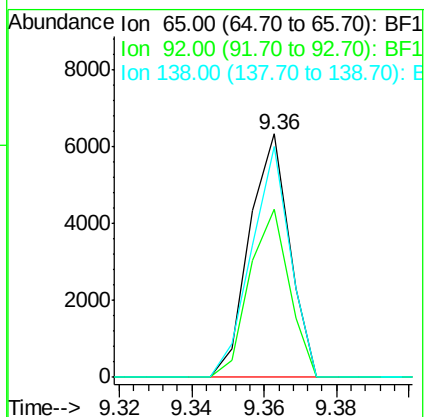
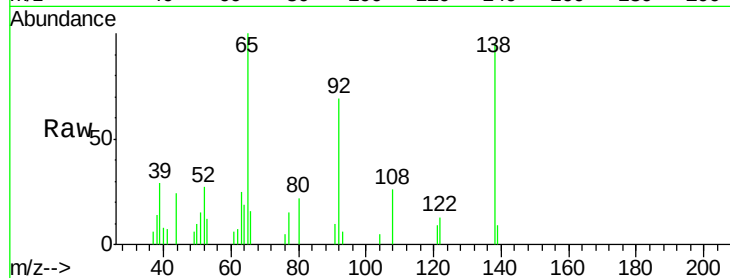
Tot Ion: 65 Resp: 4845

Ion Ratio Lower Upper

65 100

92 68.8 55.8 83.6

138 94.6 91.2 136.8



#48

Acenaphthylene

Concen: 1.163 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

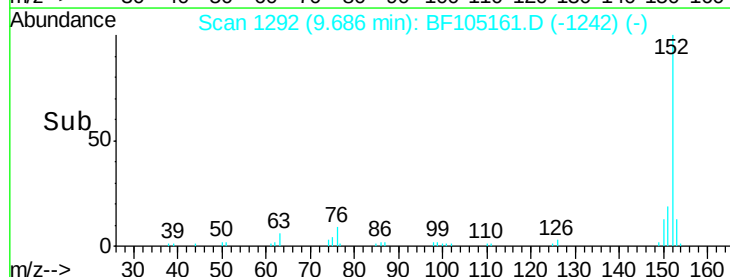
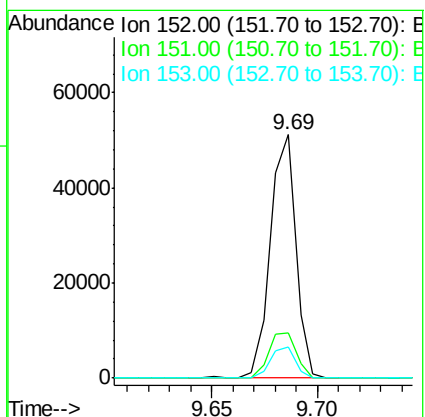
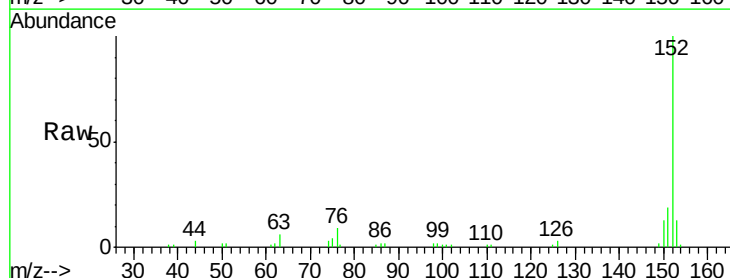
Tgt Ion: 152 Resp: 43168

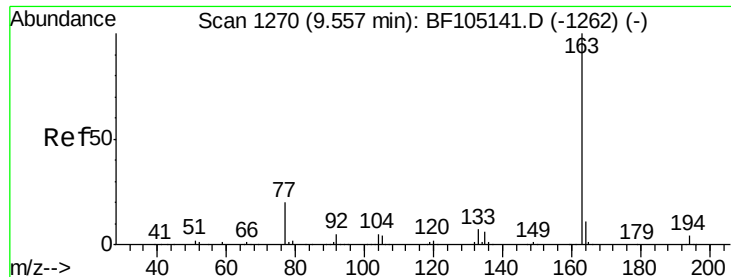
Ion Ratio Lower Upper

152 100

151 18.5 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 1.198 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

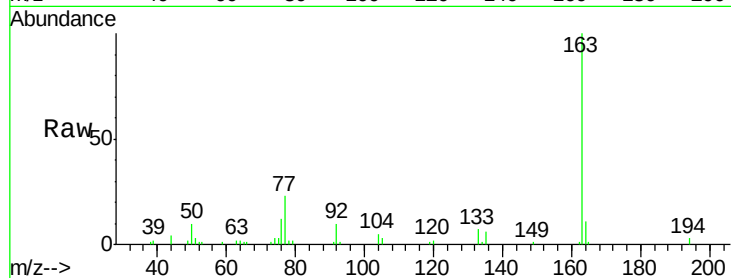
Tot Ion:163 Resp: 32008

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

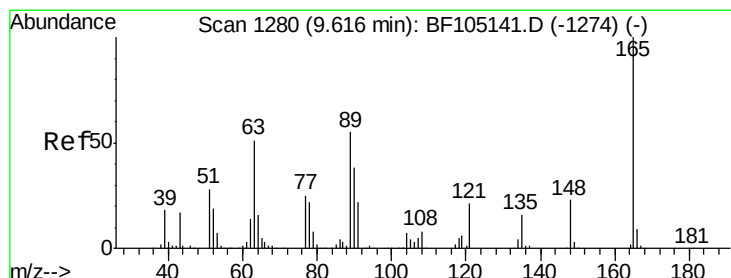
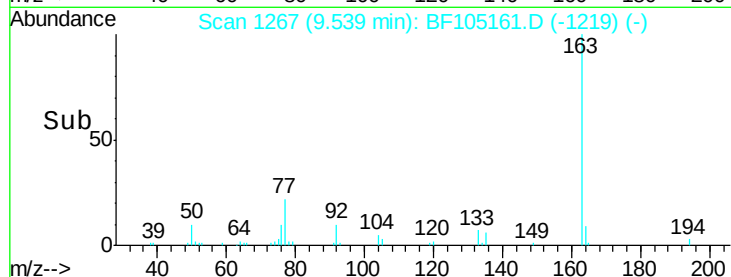
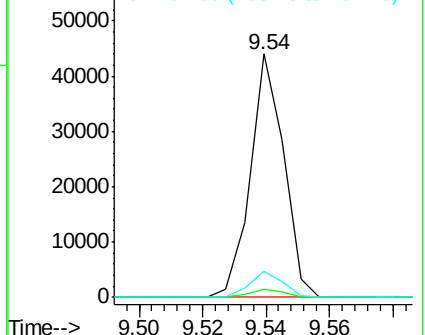
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.788 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

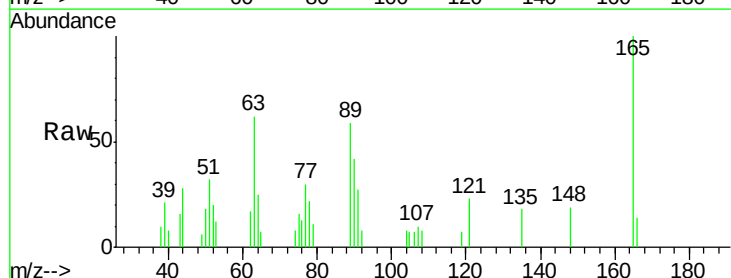
Tgt Ion:165 Resp: 4570

Ion Ratio Lower Upper

165 100

63 61.7 44.7 67.1

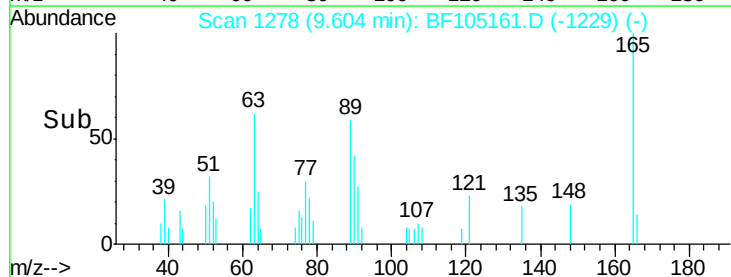
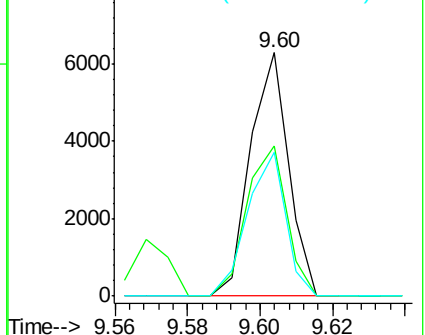
89 59.0 44.0 66.0

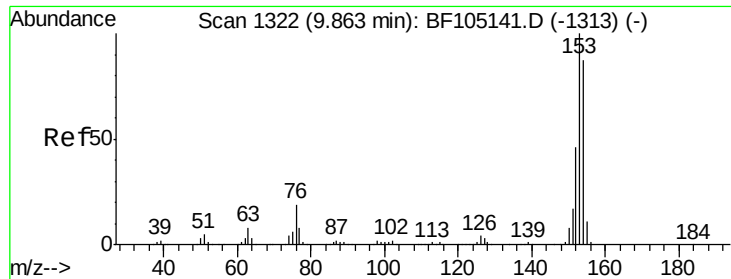


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 1.143 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

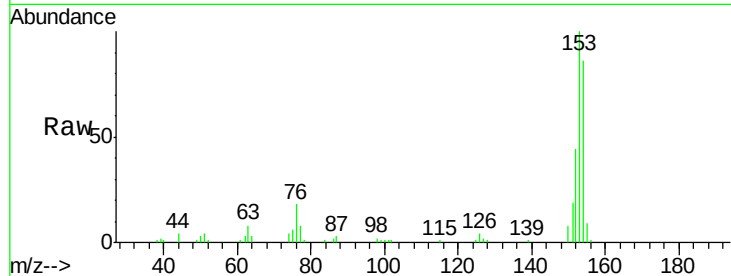
Tot Ion:154 Resp: 27340

Ion Ratio Lower Upper

154 100

153 116.4 91.2 136.8

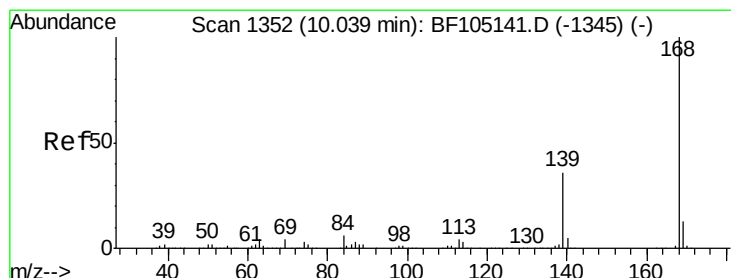
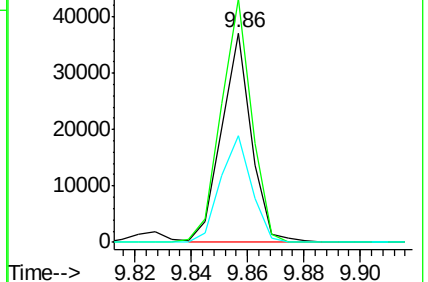
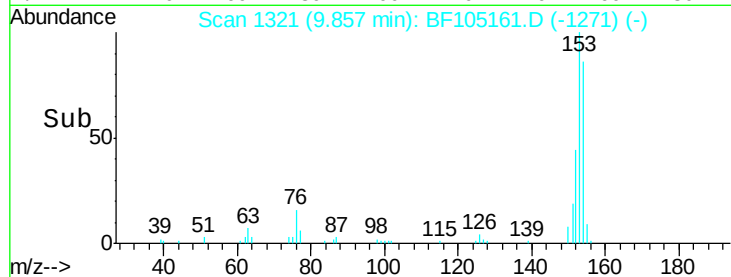
152 51.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 1.162 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

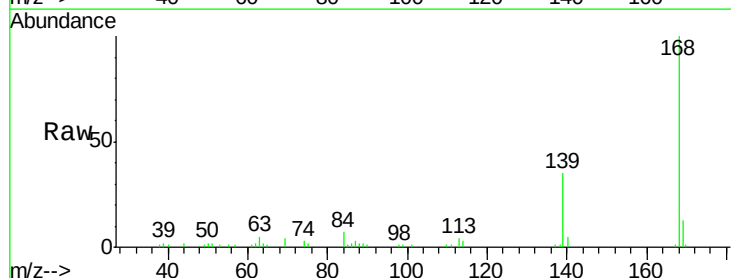
Tgt Ion:168 Resp: 40653

Ion Ratio Lower Upper

168 100

139 34.8 30.1 45.1

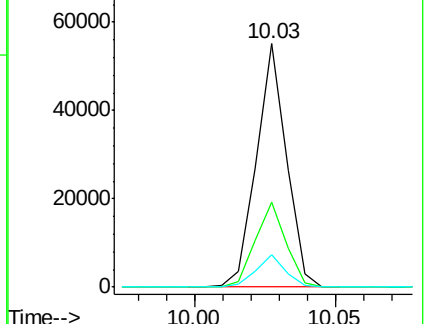
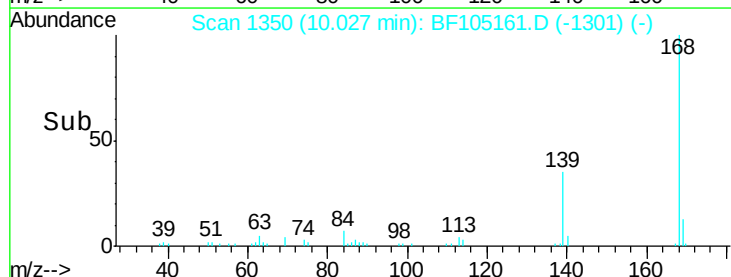
169 13.2 10.9 16.3

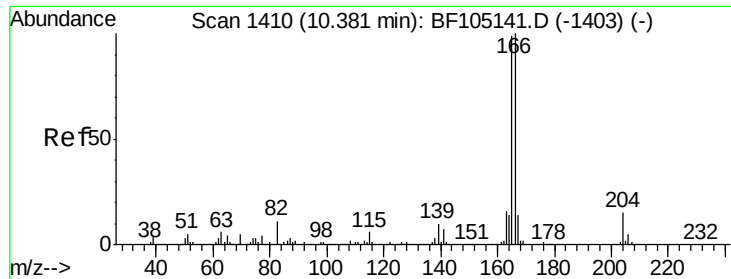


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

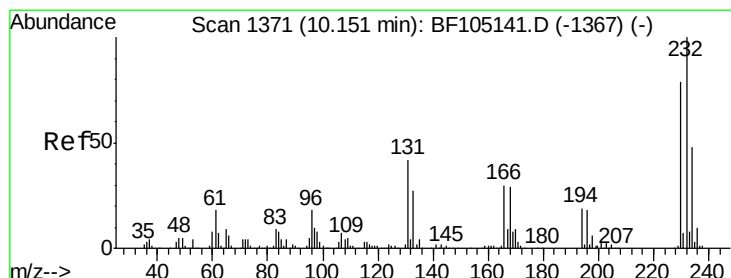
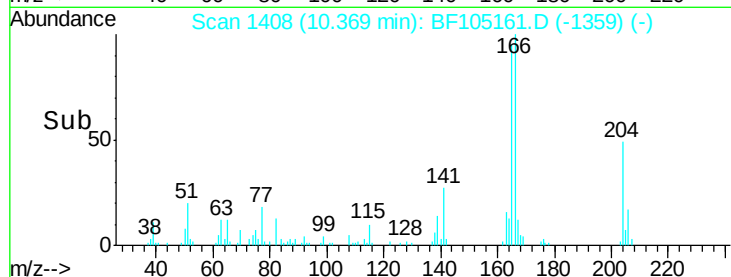
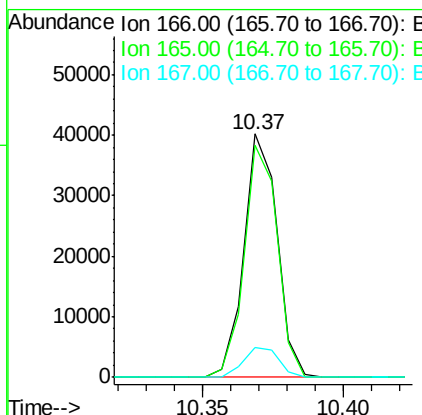
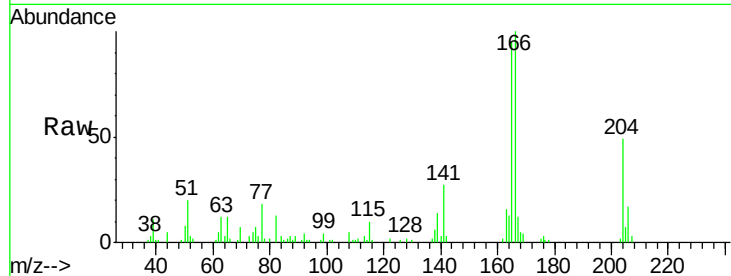




#57
Fluorene
 Concen: 1.278 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

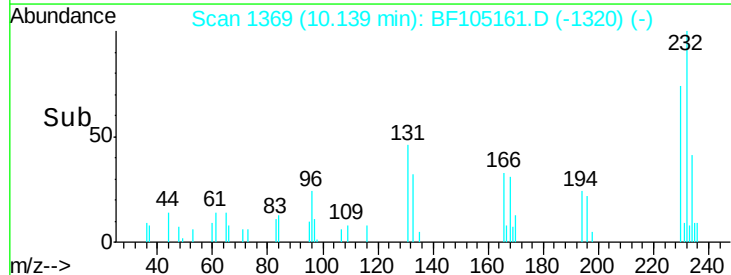
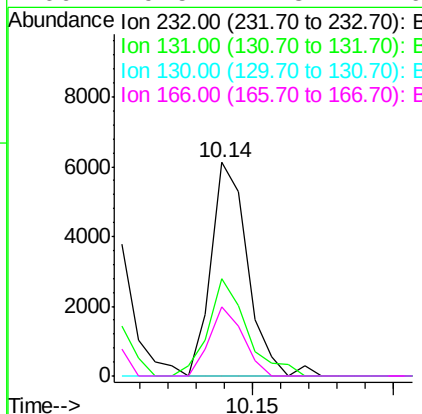
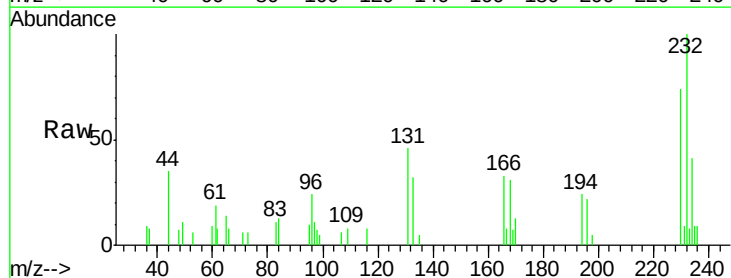
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

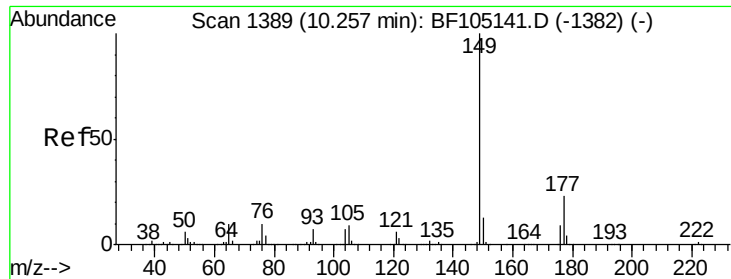
Tot Ion:166 Resp: 32804
 Ion Ratio Lower Upper
 166 100
 165 95.1 79.8 119.8
 167 12.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.773 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:232 Resp: 5523
 Ion Ratio Lower Upper
 232 100
 131 48.5 43.8 65.8
 130 0.0 2.1 3.1#
 166 29.5 27.8 41.6





#59

Diethylphthalate

Concen: 1.109 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

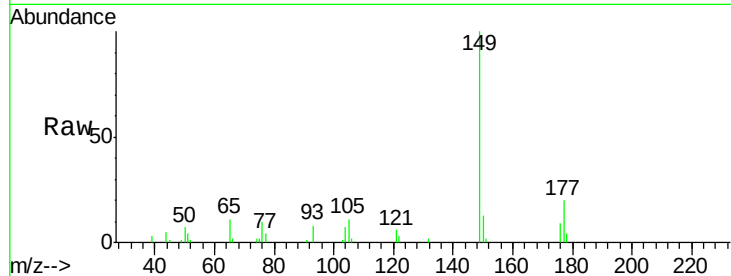
Tot Ion:149 Resp: 29115

Ion Ratio Lower Upper

149 100

177 19.8 16.1 24.1

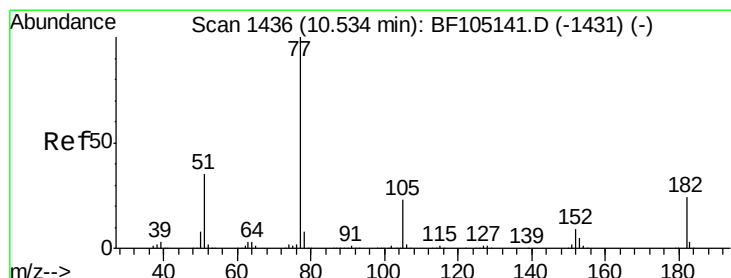
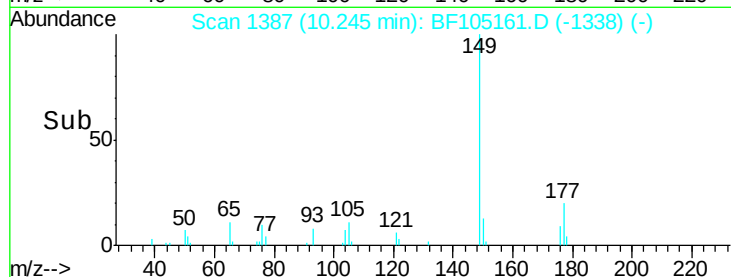
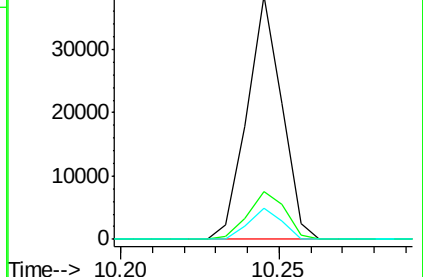
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 1.024 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Tgt Ion: 77 Resp: 28046

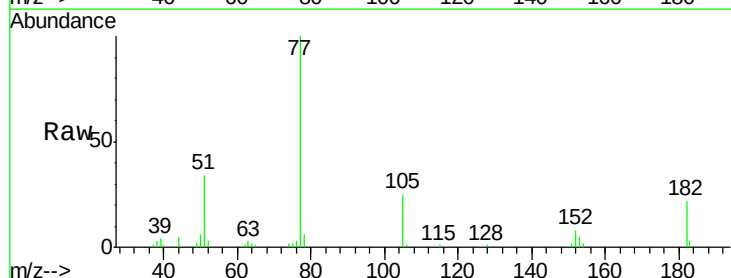
Ion Ratio Lower Upper

77 100

182 21.8 1.7 41.7

105 24.9 3.0 43.0

51 34.4 9.9 49.9

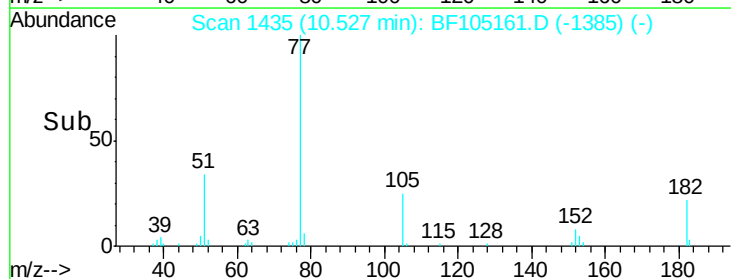
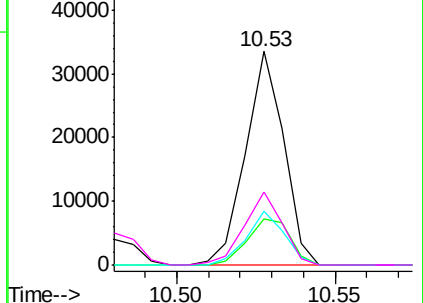


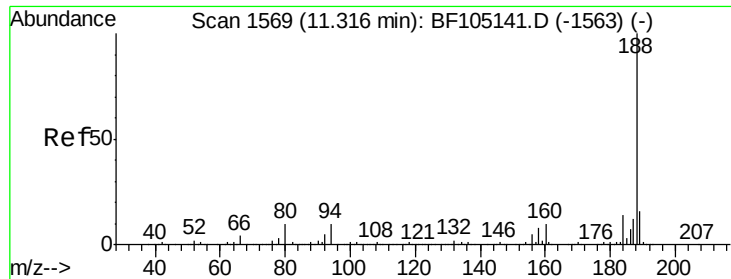
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

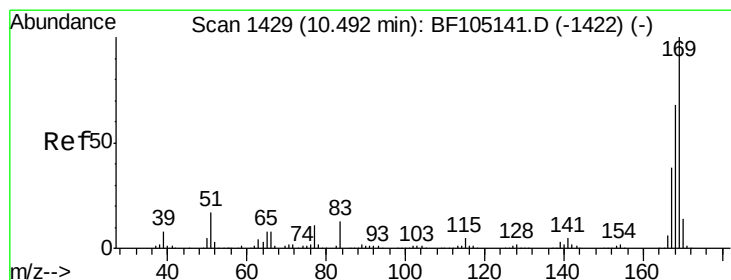
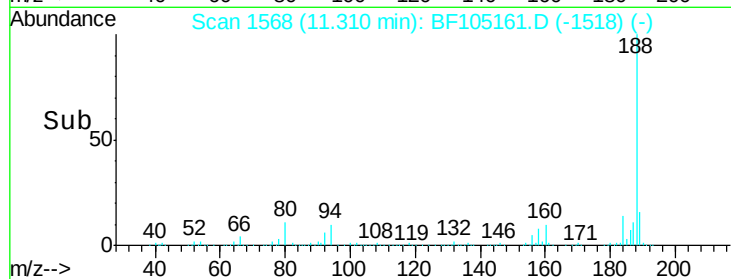
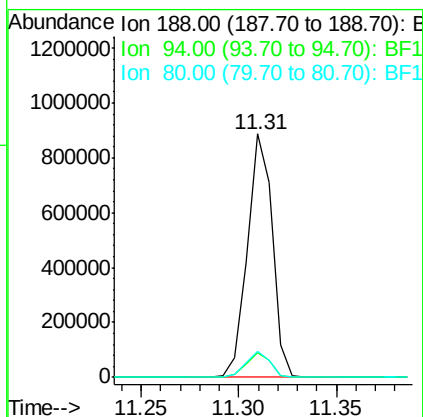
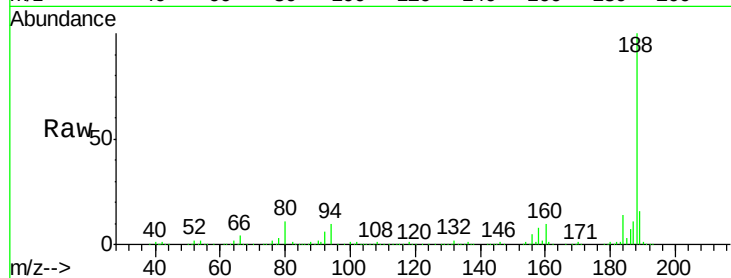




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

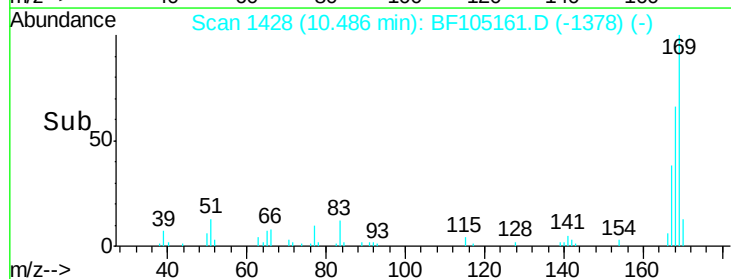
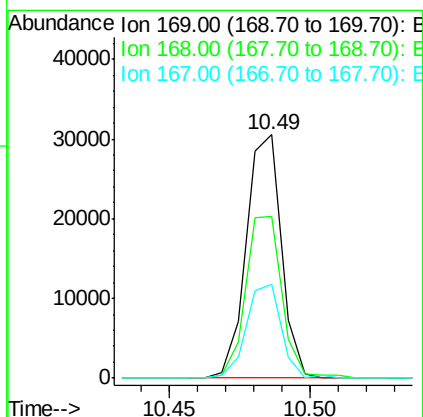
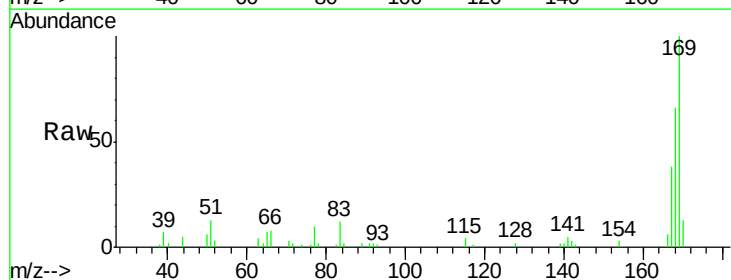
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

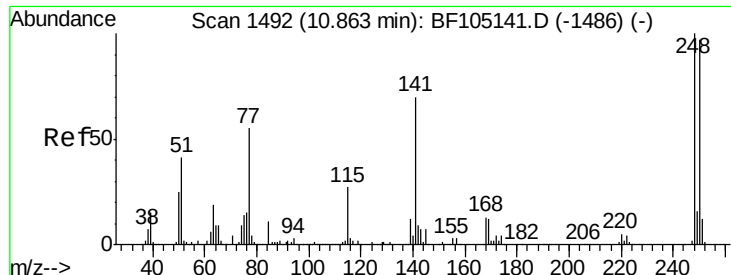
Tot Ion:188 Resp: 783219
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 1.080 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:169 Resp: 26363
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 38.3 29.8 44.6

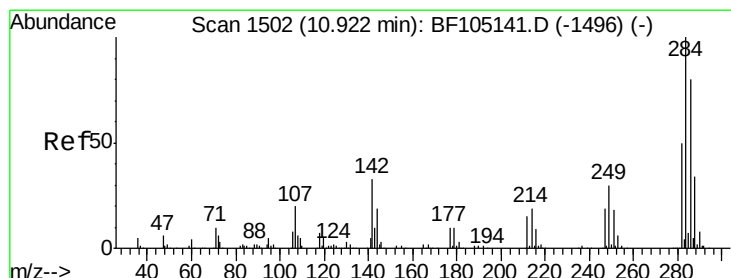
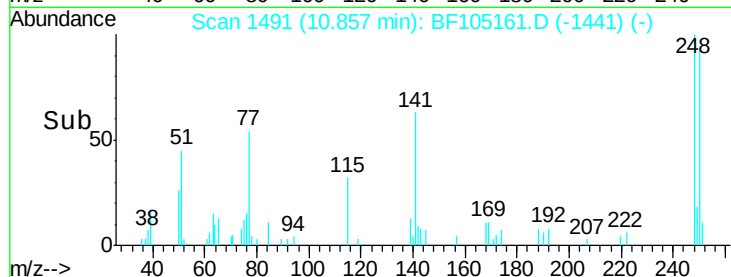
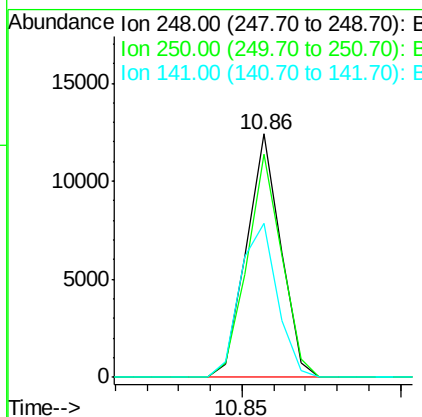
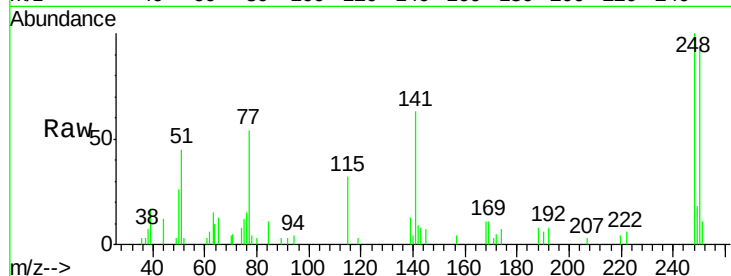




#66
 4-Bromophenyl-phenylether
 Concen: 1.114 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

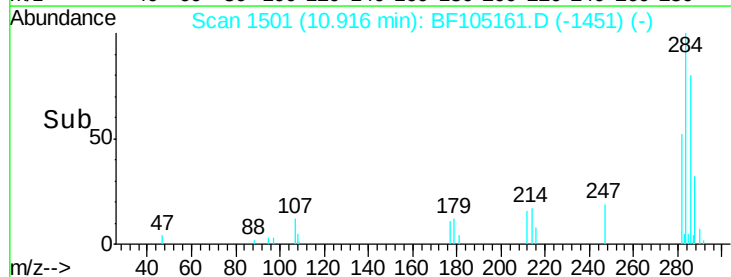
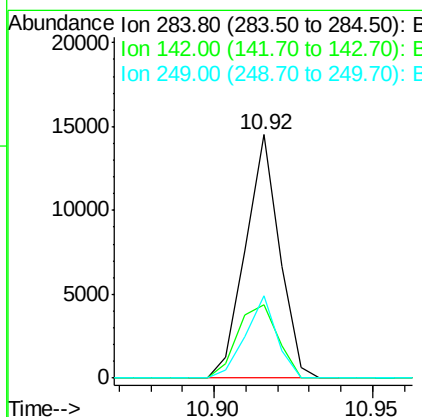
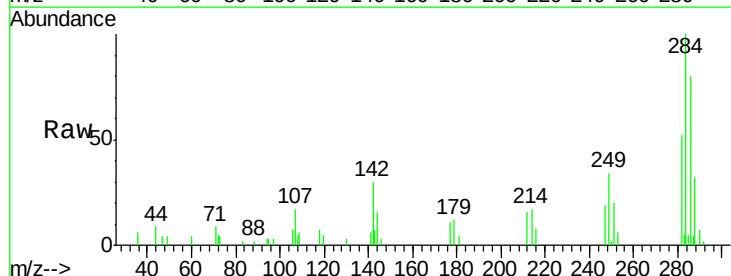
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

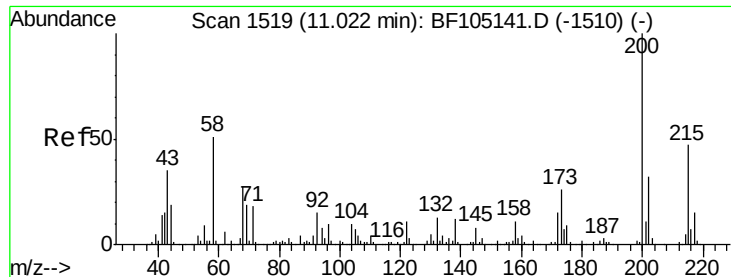
Tot Ion:248 Resp: 9304
 Ion Ratio Lower Upper
 248 100
 250 91.7 76.9 115.3
 141 63.4 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 1.125 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:284 Resp: 10827
 Ion Ratio Lower Upper
 284 100
 142 30.2 34.6 52.0#
 249 33.6 24.8 37.2

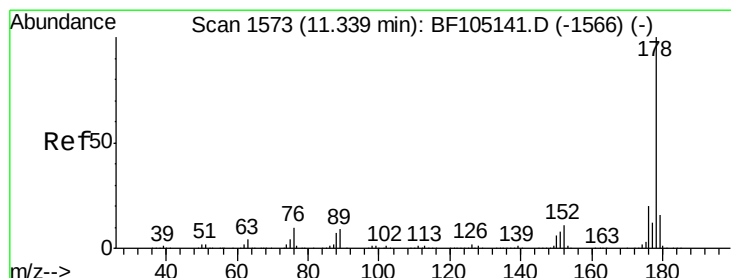
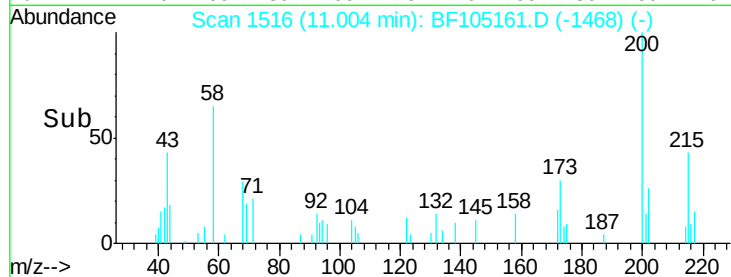
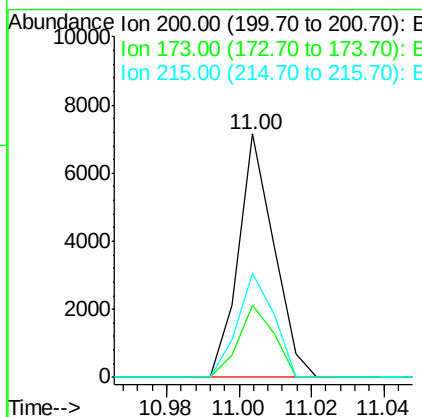
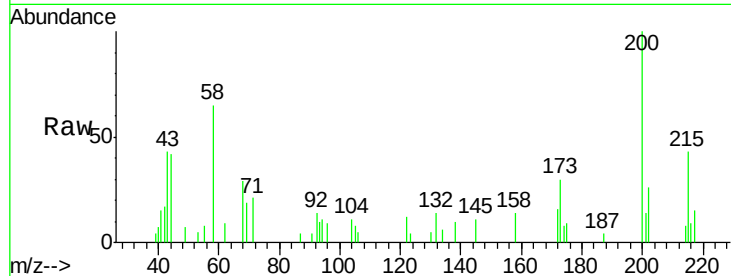




#68
Atrazine
Concen: 0.636 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

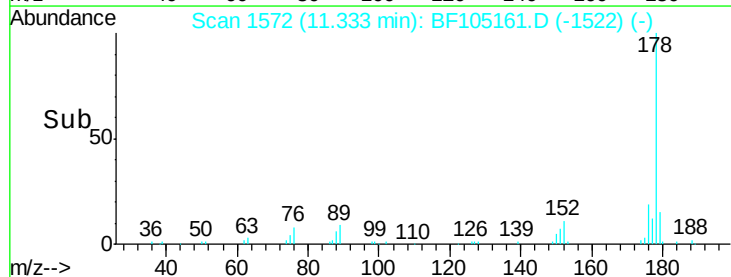
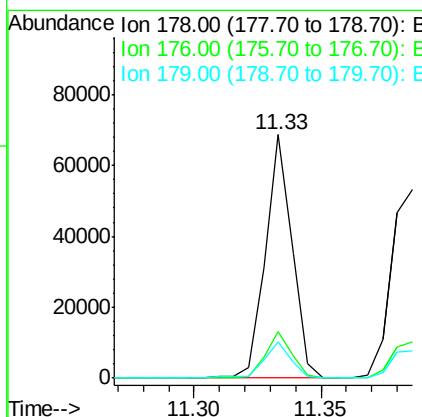
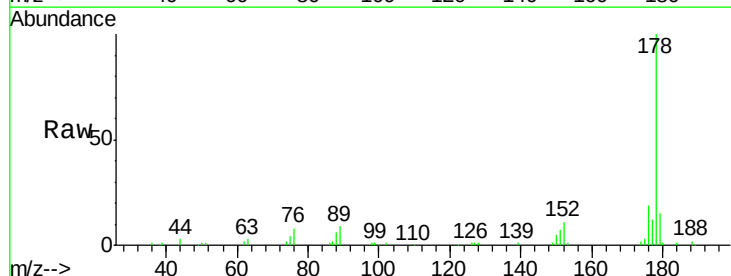
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

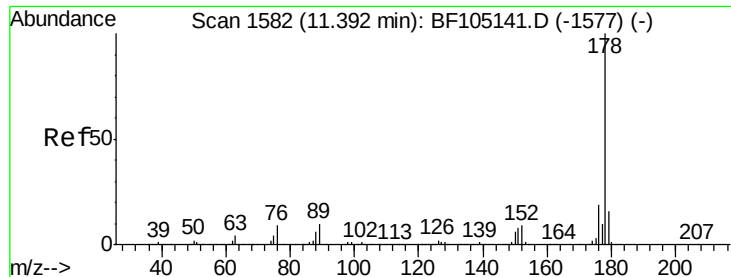
Tot Ion:200 Resp: 4866
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 42.8 25.1 65.1



#70
Phenanthrene
Concen: 1.219 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:178 Resp: 50354
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.9 13.0 19.6





#71

Anthracene

Concen: 1.081 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

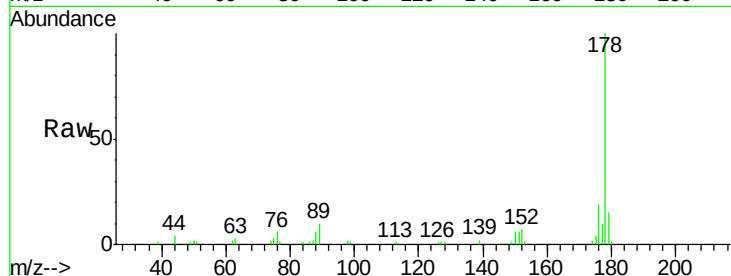
Tot Ion:178 Resp: 45368

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

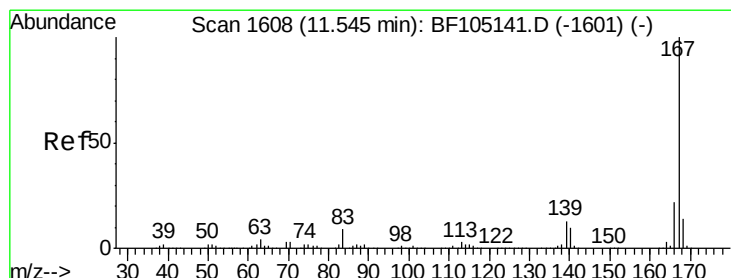
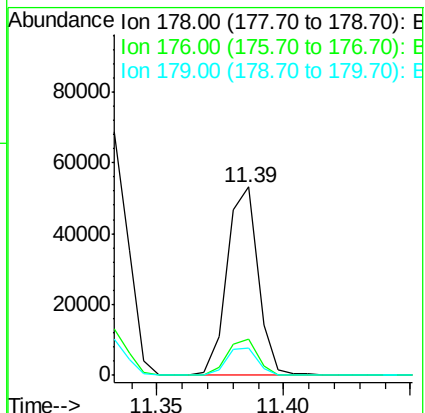
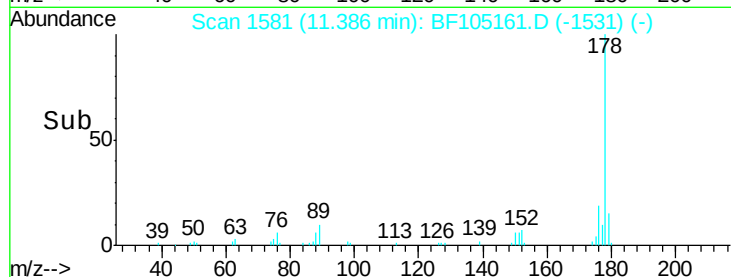
179 14.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 1.089 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

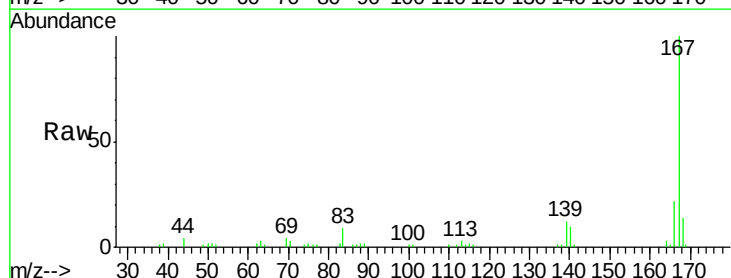
Tgt Ion:167 Resp: 41164

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

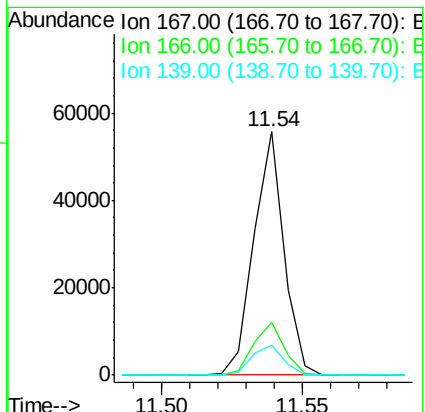
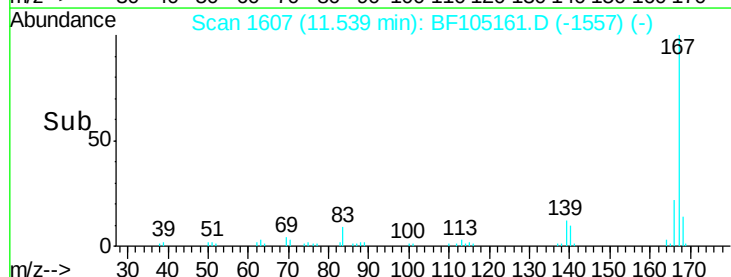
139 12.1 10.9 16.3

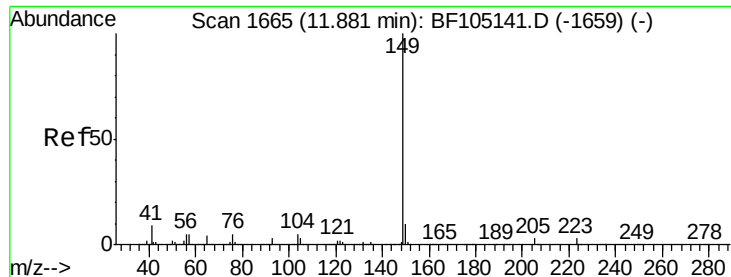


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.844 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

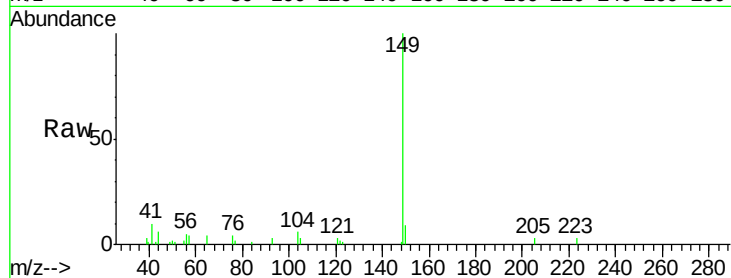
Tot Ion:149 Resp: 34134

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

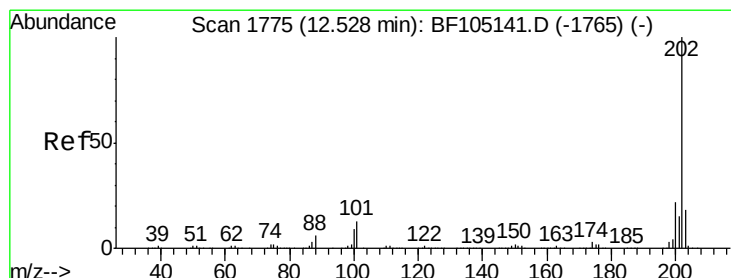
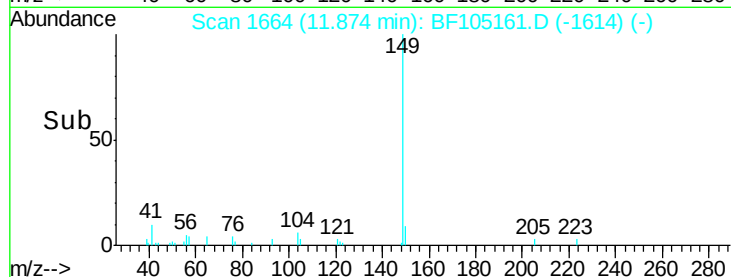
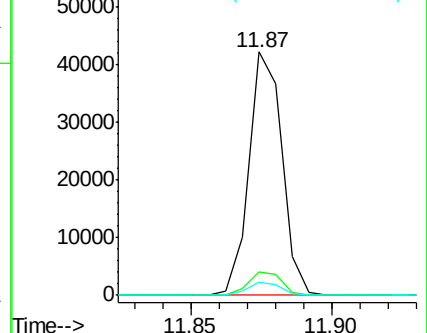
104 5.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.048 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

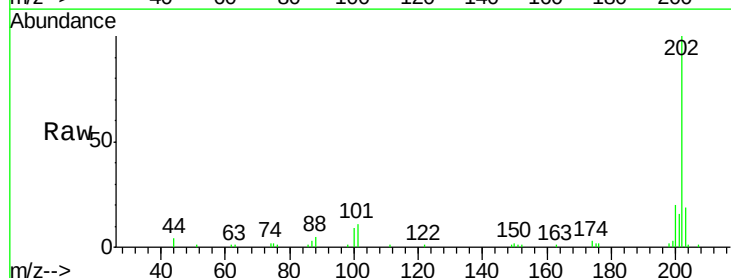
Tgt Ion:202 Resp: 45107

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

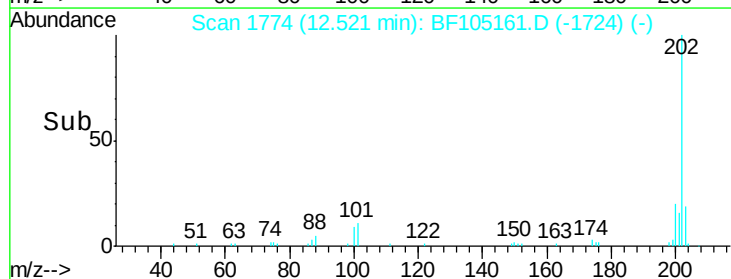
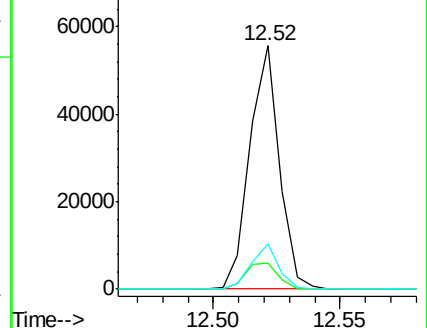
203 18.5 0.0 38.1

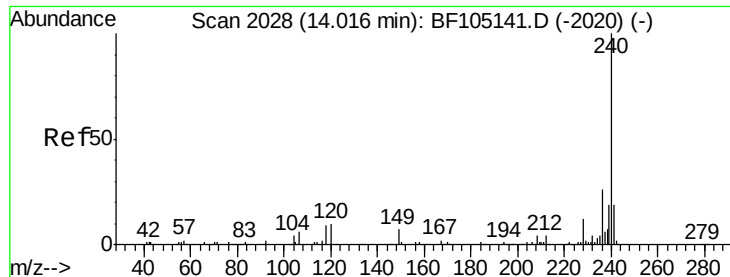


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

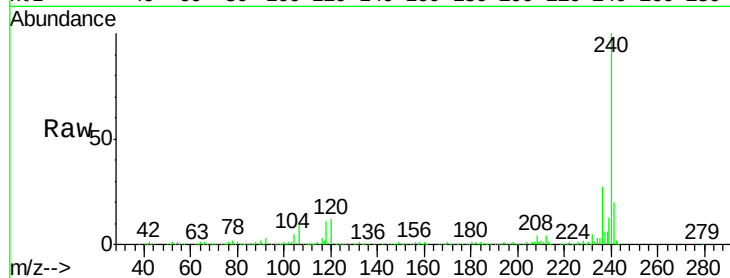
Tot Ion:240 Resp: 659730

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

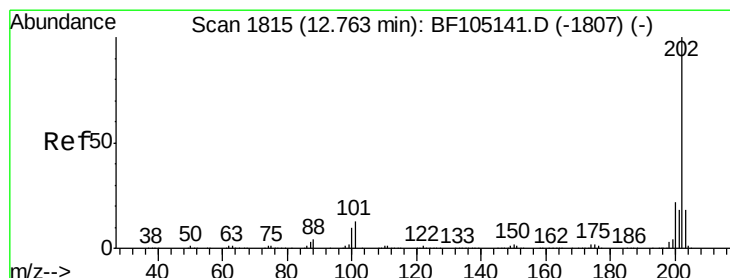
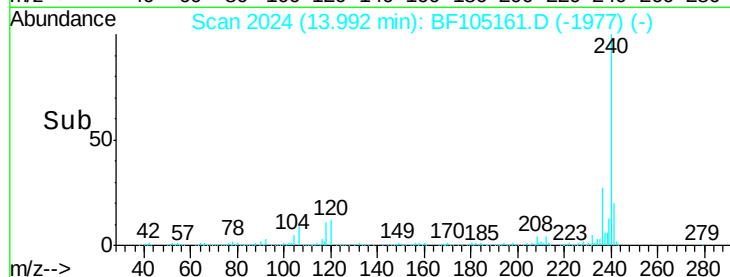
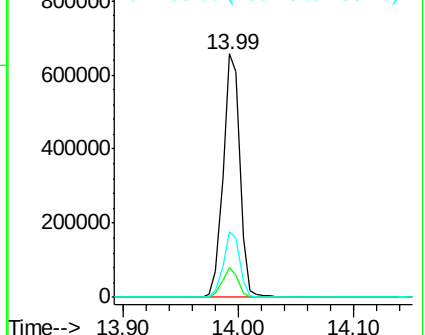
236 27.2 20.7 31.1



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



#77

Pyrene

Concen: 1.015 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

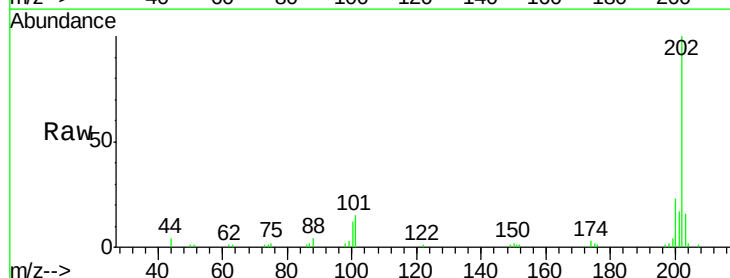
Tgt Ion:202 Resp: 48728

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

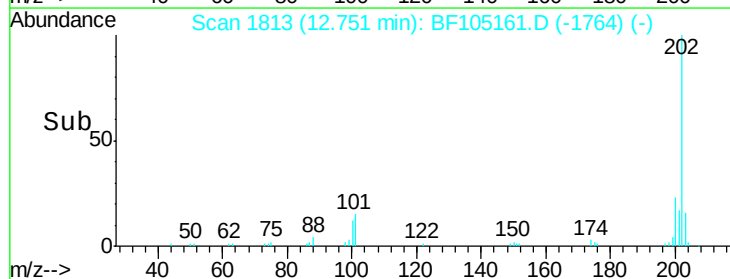
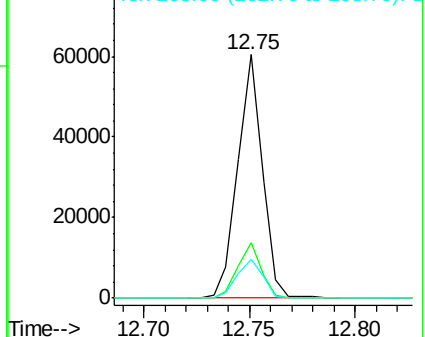
203 15.9 14.3 21.5

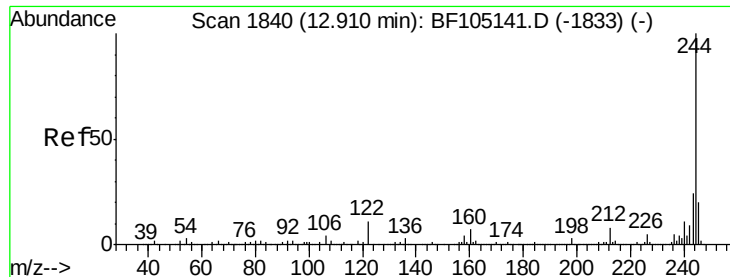


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.329 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

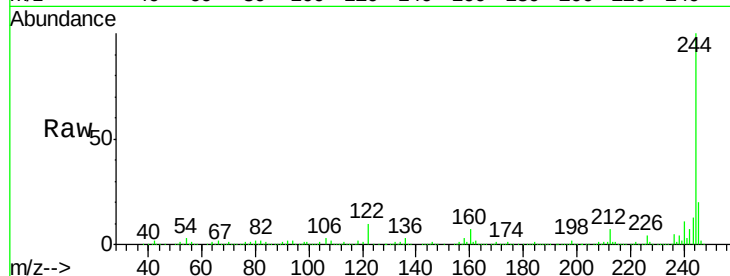
Tot Ion:244 Resp: 2139466

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

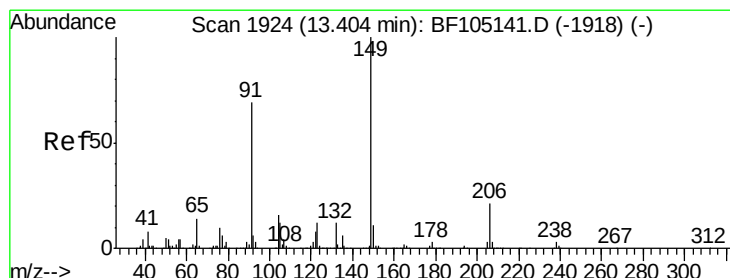
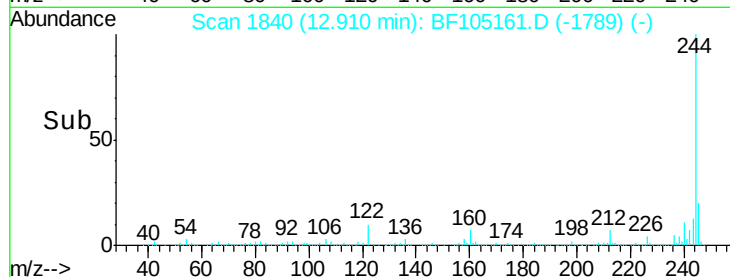
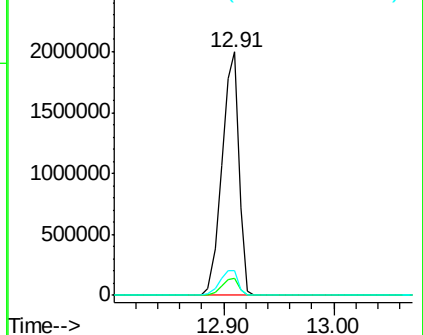
122 10.3 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 7.330 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

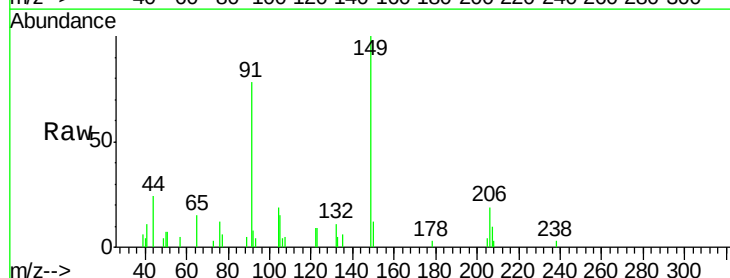
Tgt Ion:149 Resp: 8722

Ion Ratio Lower Upper

149 100

91 77.5 56.8 85.2

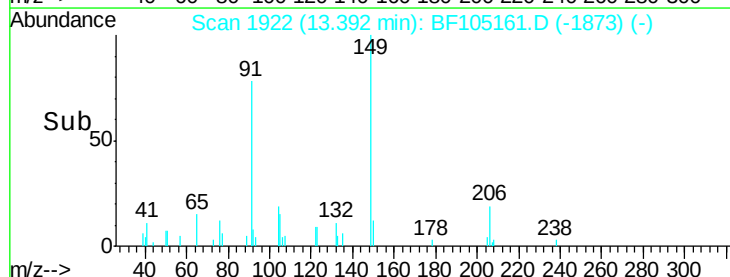
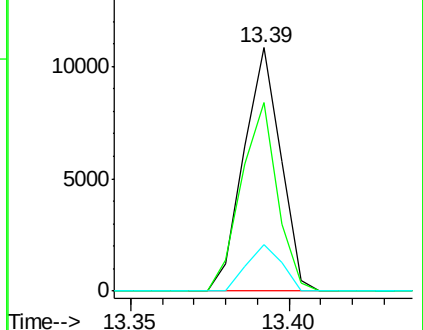
206 19.4 14.1 21.1

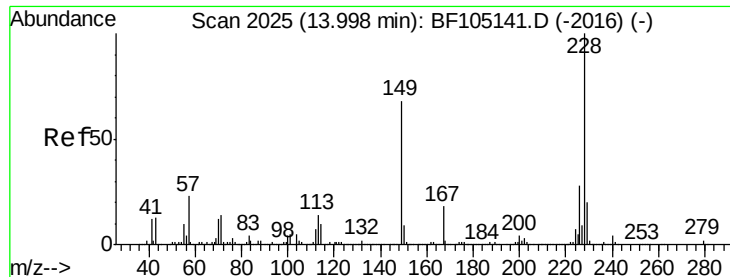


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

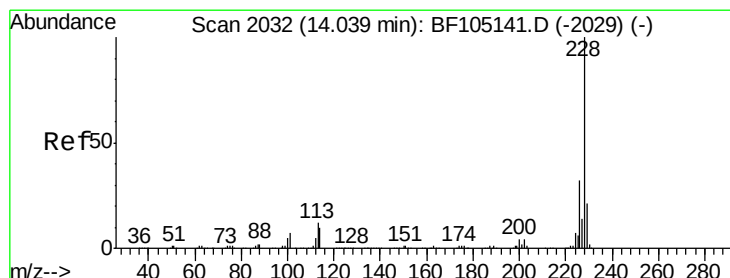
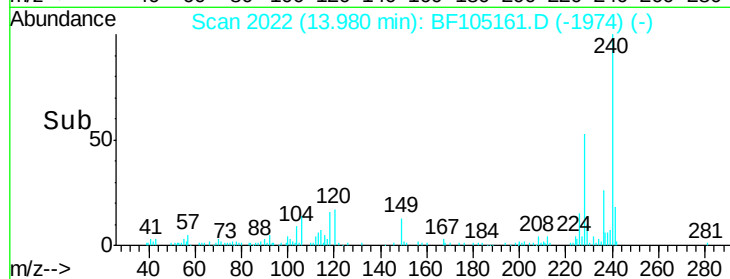
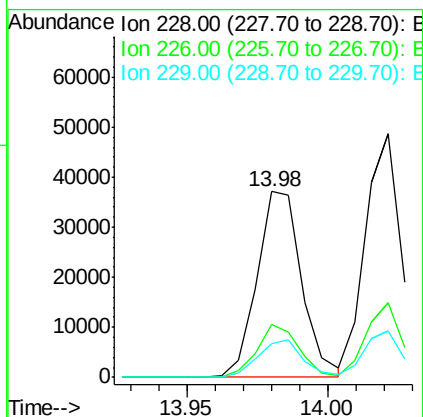
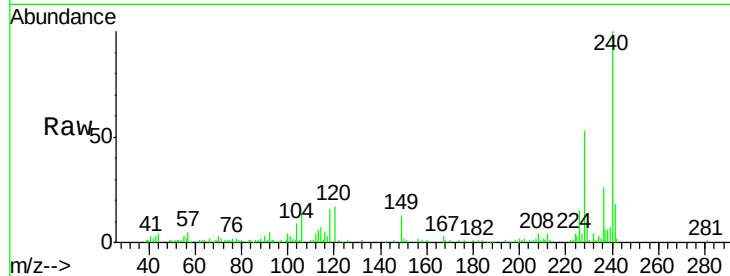




#80
Benzo(a)anthracene
Concen: 1.018 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

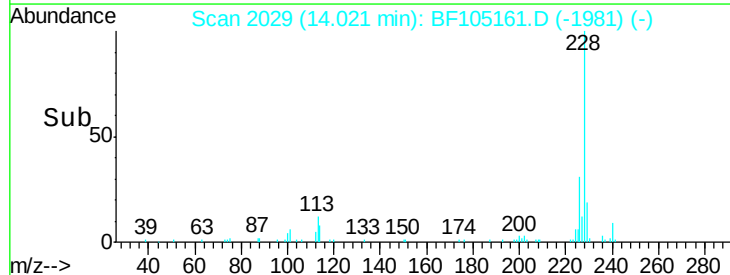
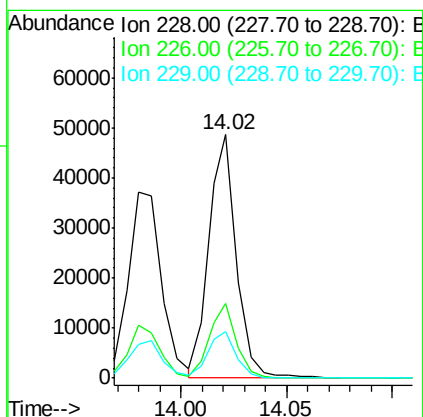
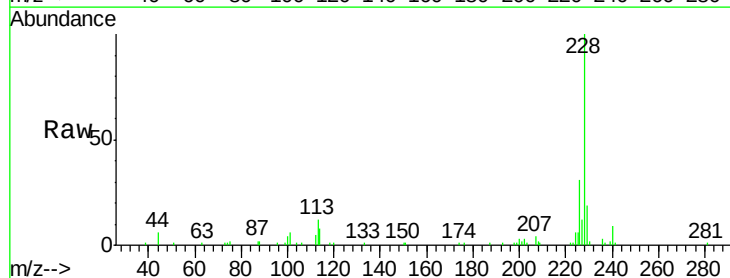
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

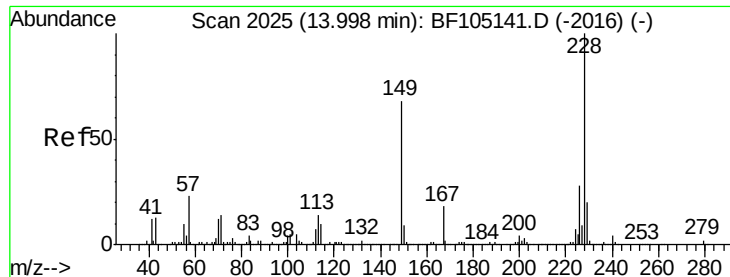
Tot Ion:228 Resp: 40751
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 18.3 15.8 23.6



#82
Chrysene
Concen: 1.069 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:228 Resp: 44052
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 19.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.630 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

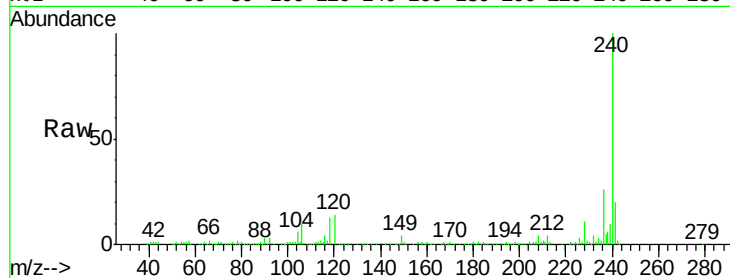
Tot Ion:149 Resp: 12491

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

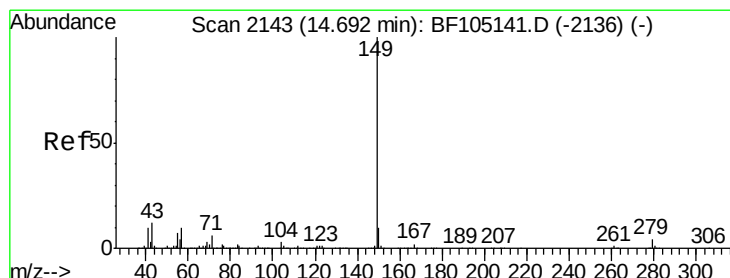
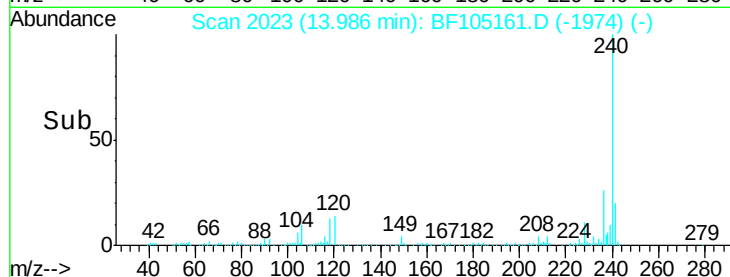
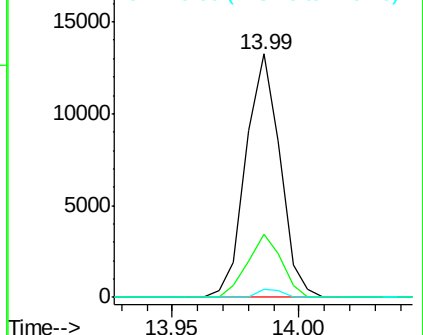
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.212 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

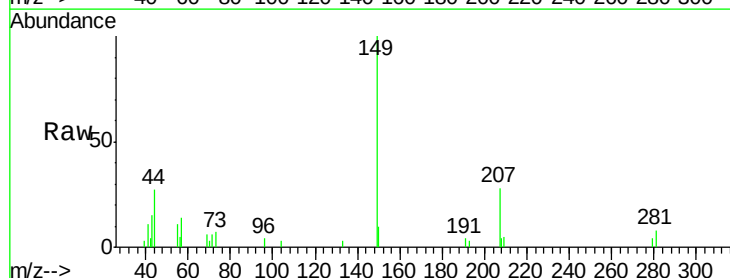
Tgt Ion:149 Resp: 12450

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

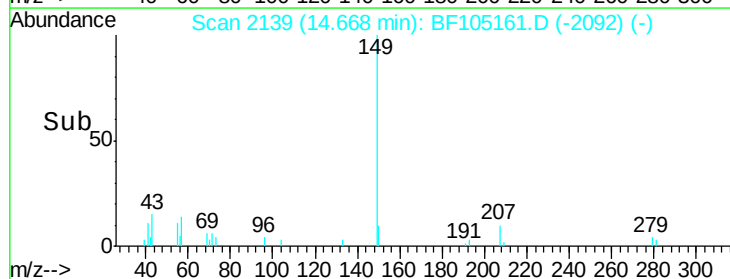
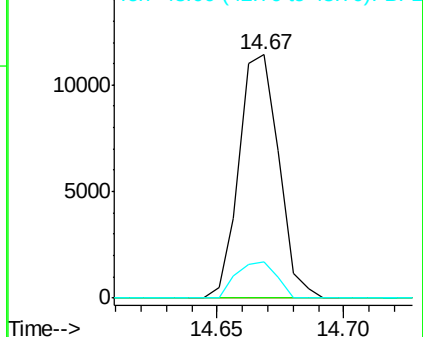
43 15.0 8.4 12.6#

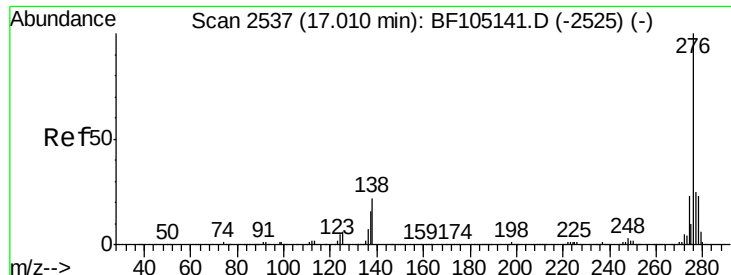


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

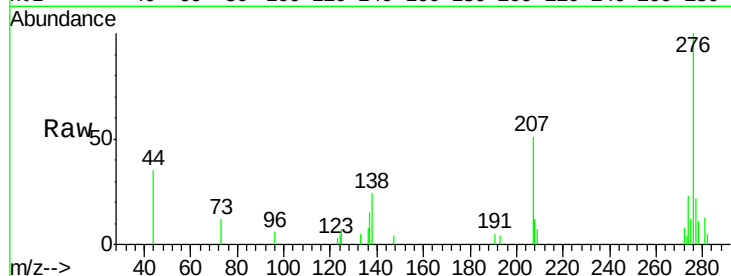




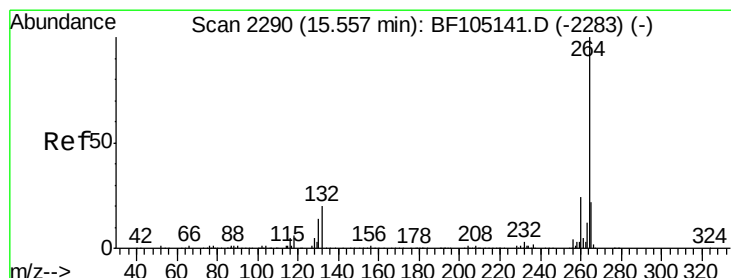
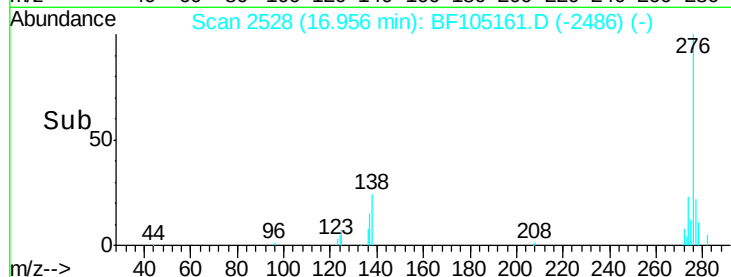
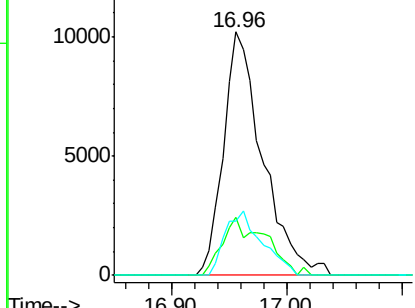
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.736 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion:276 Resp: 24027
Ion Ratio Lower Upper
276 100
138 18.0 25.0 37.6#
277 24.9 20.1 30.1

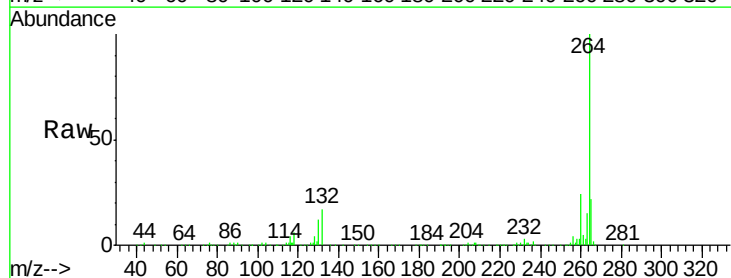


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

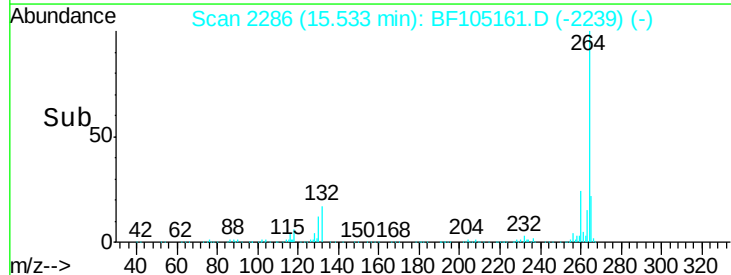
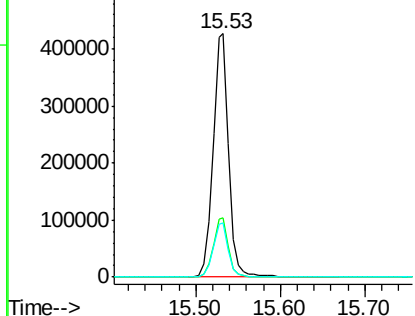


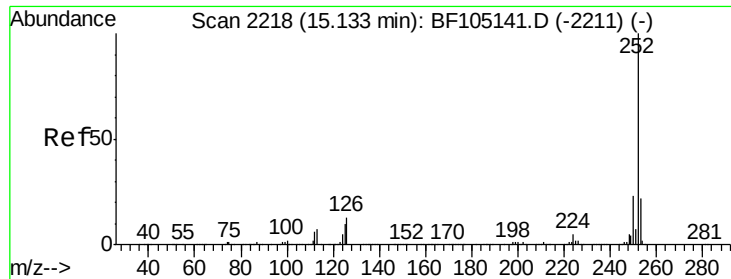
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:264 Resp: 560986
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.5 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

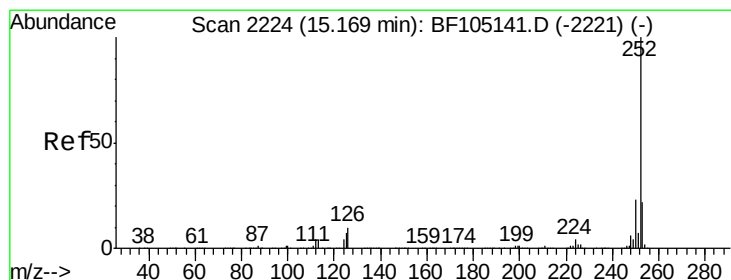
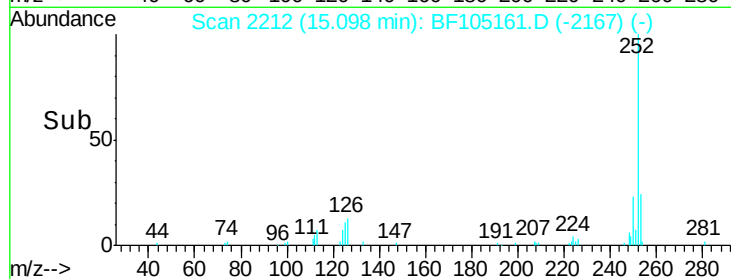
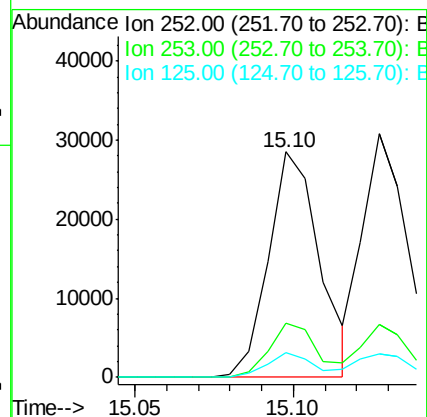
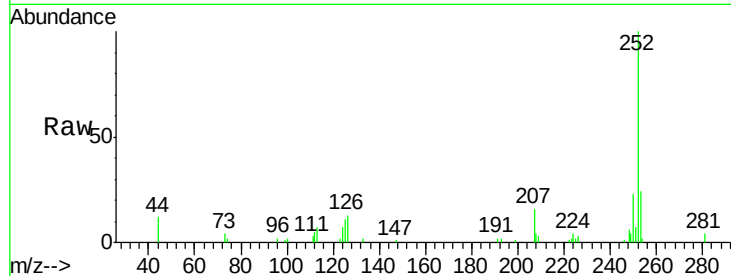




#87
Benzo(b)fluoranthene
Concen: 0.928 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

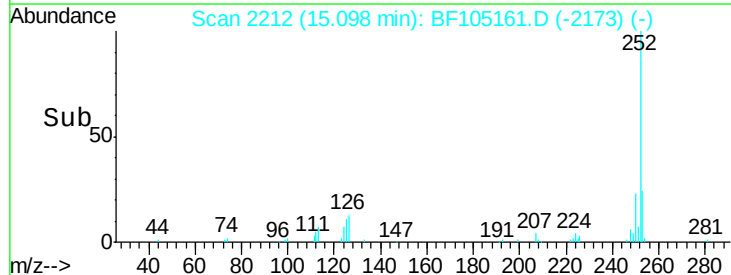
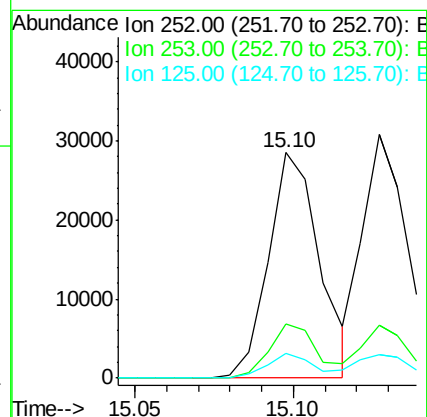
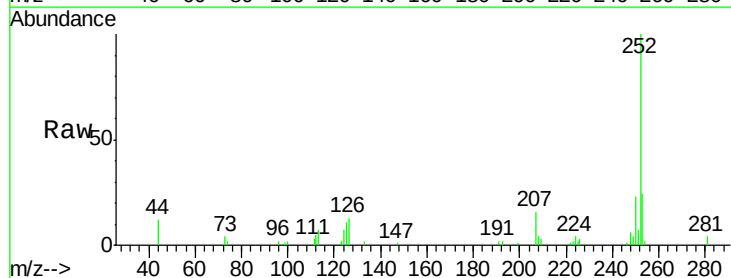
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

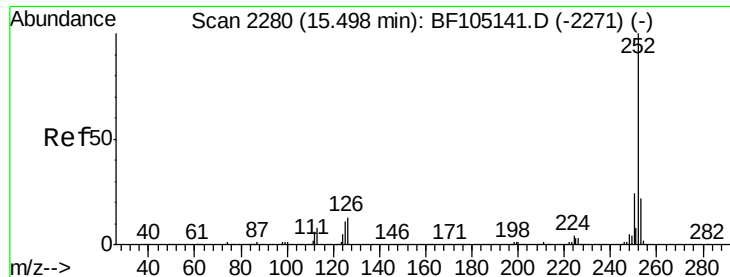
Tot Ion:252 Resp: 31855
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 0.957 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.07 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:252 Resp: 31855
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 11.2 10.2 15.2

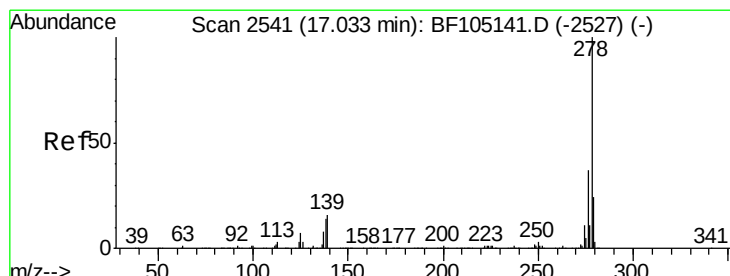
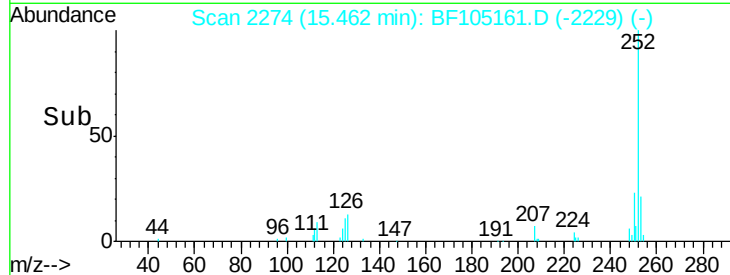
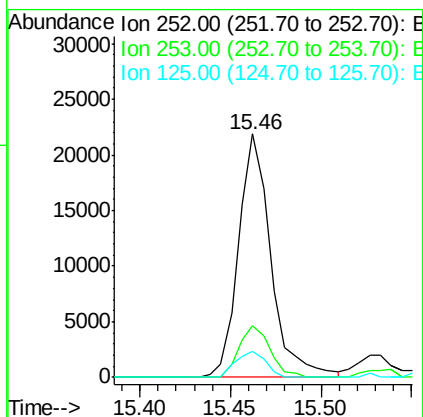
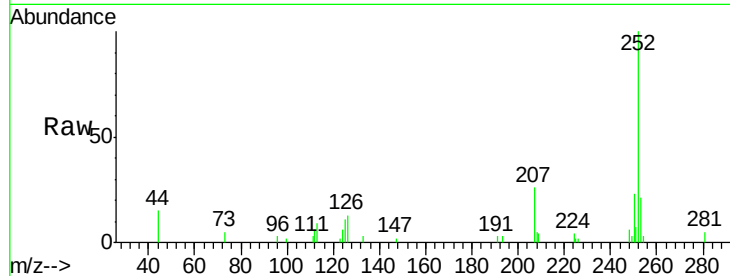




#89
Benzo(a)pyrene
Concen: 0.873 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

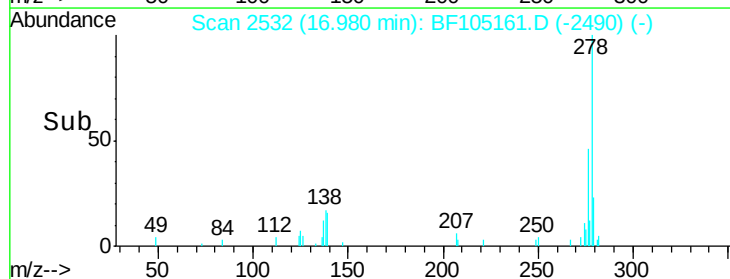
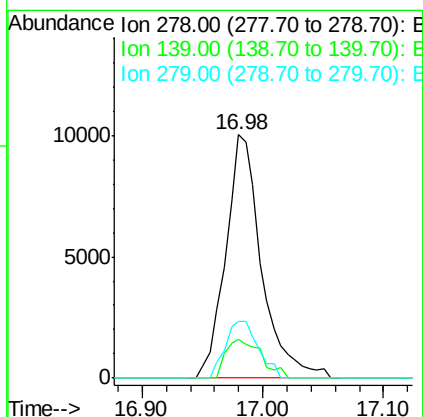
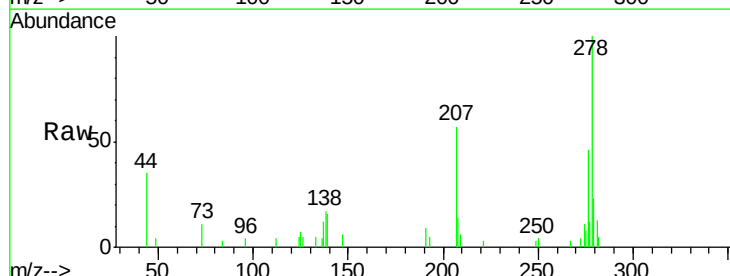
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

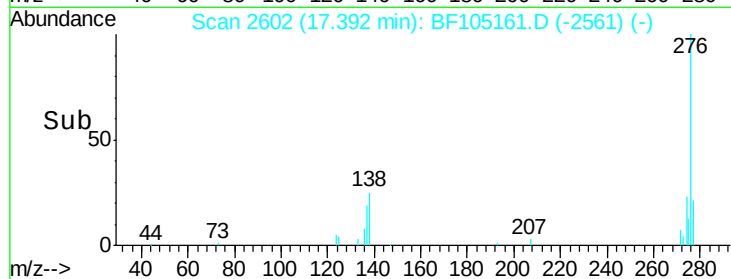
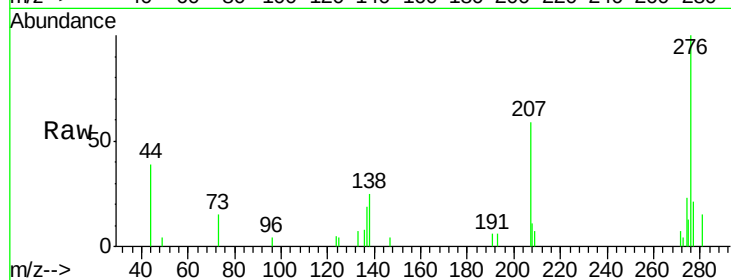
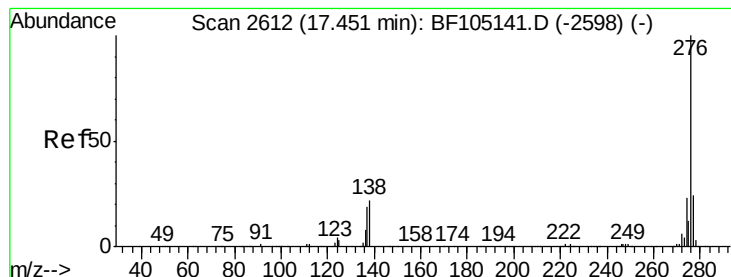
Tot Ion:252 Resp: 27244
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 0.853 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.05 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:278 Resp: 20679
Ion Ratio Lower Upper
278 100
139 16.1 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 0.857 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.06 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:276 Resp: 20334

Ion Ratio Lower Upper

276 100

277 20.8 17.9 26.9

138 25.4 21.8 32.8

