

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
 Data File : BF114982.D
 Acq On : 12 Jun 2019 18:37
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 13 02:10:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	291158	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1129589	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	557480	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1080014	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	791106	20.00	ng	-0.01
87) Perylene-d12	15.14	264	739839	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2129693	122.14	ng	0.00
7) Phenol-d6	6.30	99	2609373	124.06	ng	0.00
23) Nitrobenzene-d5	7.22	82	1598623	85.19	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	785687	131.61	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2737846	83.24	ng	0.00
79) Terphenyl-d14	12.73	244	2982101	70.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	40539	4.967	ng	100
3) Pyridine	3.06	79	90847	3.953	ng	97
4) n-Nitrosodimethylamine	2.89	42	33624	4.121	ng	# 99
6) Aniline	6.31	93	145701	5.172	ng	99
8) 2-Chlorophenol	6.43	128	102588	5.189	ng	99
9) Benzaldehyde	6.19	77	83720	1.028	ng	99
10) Phenol	6.30	94	125467	5.332	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	97031	5.312	ng	96
12) 1,3-Dichlorobenzene	6.59	146	117716	5.097	ng	99
13) 1,4-Dichlorobenzene	6.66	146	120969	5.210	ng	96
14) 1,2-Dichlorobenzene	6.82	146	113159	5.177	ng	98
15) Benzyl Alcohol	6.79	79	101970	6.470	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	125867	5.149	ng	98
17) 2-Methylphenol	6.91	107	86708	5.258	ng	94
18) Hexachloroethane	7.16	117	41247	4.919	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	70137	5.488	ng	98
20) 3+4-Methylphenols	7.06	107	111792	5.696	ng	96
22) Acetophenone	7.05	105	150301	5.878	ng	# 94
24) Nitrobenzene	7.23	77	108849	5.701	ng	96
25) Isophorone	7.46	82	193125	5.495	ng	97
26) 2-Nitrophenol	7.55	139	54584	5.129	ng	97
27) 2,4-Dimethylphenol	7.59	122	80020	5.212	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	122657	5.439	ng	96
29) 2,4-Dichlorophenol	7.79	162	88355	5.448	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	101154	5.398	ng	98
31) Naphthalene	7.95	128	328161	6.140	ng	97
32) Benzoic acid	7.66	122	33275	2.995	ng	96
33) 4-Chloroaniline	8.00	127	134835	5.465	ng	97
34) Hexachlorobutadiene	8.07	225	53821	5.167	ng	98
35) Caprolactam	8.33	113	27229	5.041	ng	97
36) 4-Chloro-3-methylphenol	8.48	107	89384	5.469	ng	96
37) 2-Methylnaphthalene	8.64	142	219680	6.163	ng	96
38) 1-Methylnaphthalene	8.73	142	209209	6.210	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	93936	5.703	ng	98

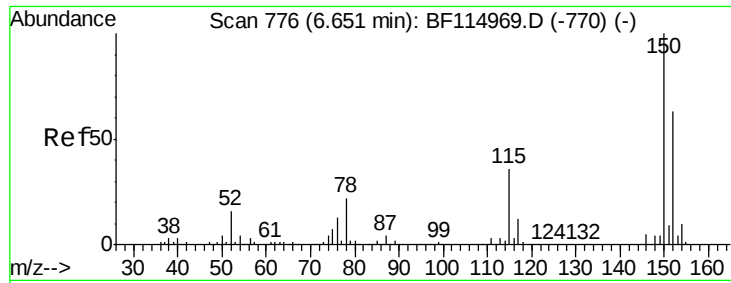
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
 Data File : BF114982.D
 Acq On : 12 Jun 2019 18:37
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	23858	2.940	ng	95
43) 2,4,6-Trichlorophenol	8.92	196	60000	4.877	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	63227	5.086	ng	96
46) 1,1'-Biphenyl	9.10	154	271996	6.089	ng	96
47) 2-Chloronaphthalene	9.12	162	203207	5.625	ng	98
48) 2-Nitroaniline	9.22	65	51389	4.813	ng	94
49) Acenaphthylene	9.53	152	333454	6.004	ng	97
50) Dimethylphthalate	9.40	163	230557	5.499	ng	97
51) 2,6-Dinitrotoluene	9.46	165	50452	5.305	ng	93
52) Acenaphthene	9.70	154	190491	5.995	ng	97
53) 3-Nitroaniline	9.62	138	58222	4.997	ng	99
54) 2,4-Dinitrophenol	9.73	184	10640	2.307	ng	87
55) Dibenzofuran	9.87	168	290298	6.061	ng	95
56) 4-Nitrophenol	9.79	139	34003	4.232	ng	95
57) 2,4-Dinitrotoluene	9.86	165	63992	5.287	ng	97
58) Fluorene	10.22	166	223746	Below Cal		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	54922	5.469	ng	97
60) Diethylphthalate	10.10	149	224220	5.593	ng	98
61) 4-Chlorophenyl-phenylether	10.22	204	106448	Below Cal		91
62) 4-Nitroaniline	10.22	138	55784	4.762	ng	98
63) Azobenzene	10.37	77	200921	5.729	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	23056	3.809	ng	87
66) n-Nitrosodiphenylamine	10.33	169	191046	5.918	ng	98
67) 4-Bromophenyl-phenylether	10.70	248	63577	5.483	ng	94
68) Hexachlorobenzene	10.77	284	70777	5.544	ng	# 88
69) Atrazine	10.86	200	59032	5.671	ng	98
70) Pentachlorophenol	10.96	266	28924	4.172	ng	96
71) Phenanthrene	11.17	178	343781	6.165	ng	96
72) Anthracene	11.22	178	341825	6.076	ng	96
73) Carbazole	11.37	167	305138	6.214	ng	95
74) Di-n-butylphthalate	11.72	149	354824	5.732	ng	# 96
75) Fluoranthene	12.35	202	342872	6.013	ng	97
77) Benzidine	12.47	184	145427	4.545	ng	99
78) Pyrene	12.57	202	350041	4.857	ng	96
80) Butylbenzylphthalate	13.20	149	143847	4.273	ng	95
81) Benzo(a)anthracene	13.76	228	299850	5.065	ng	98
82) 3,3'-Dichlorobenzidine	13.72	252	106714	4.702	ng	# 95
83) Chrysene	13.79	228	295241	5.015	ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	187651	4.717	ng	99
85) Di-n-octyl phthalate	14.37	149	326167	4.761	ng	99
86) Indeno(1,2,3-cd)pyrene	16.43	276	222765	4.308	ng	99
88) Benzo(b)fluoranthene	14.76	252	274327	5.578	ng	98
89) Benzo(k)fluoranthene	14.79	252	244889	5.673	ng	98
90) Benzo(a)pyrene	15.09	252	237556	5.598	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	186643	5.107	ng	97
92) Benzo(g,h,i)perylene	16.82	276	180021	4.830	ng	100

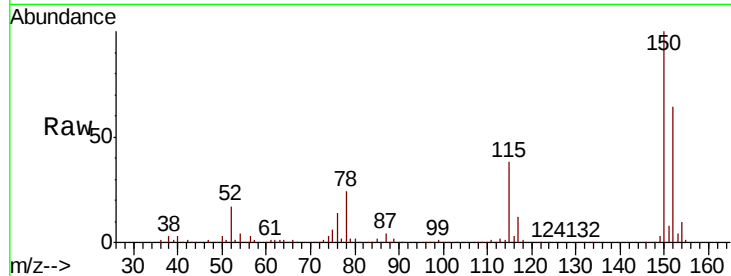
(#) = qualifier out of range (m) = manual integration (+) = signals summed



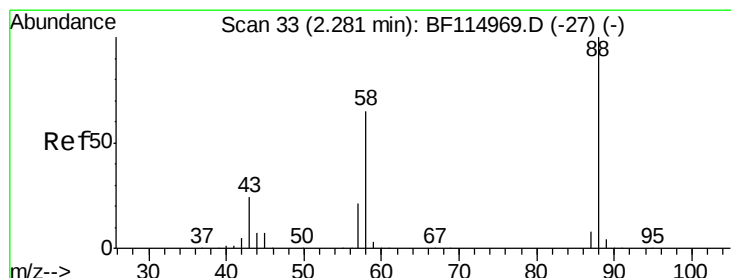
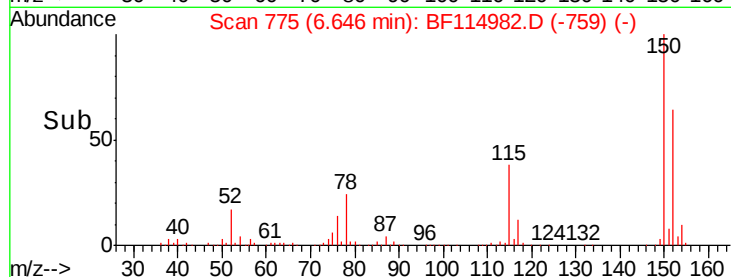
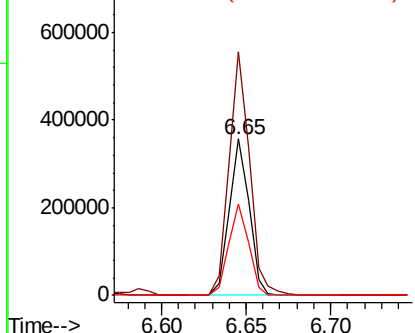
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 152 Resp: 291158
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.4 191.0
 115 58.9 46.0 69.0

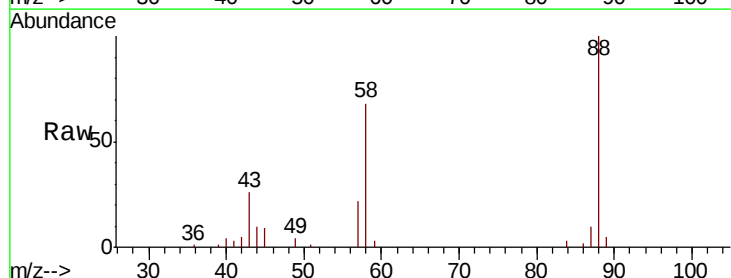


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

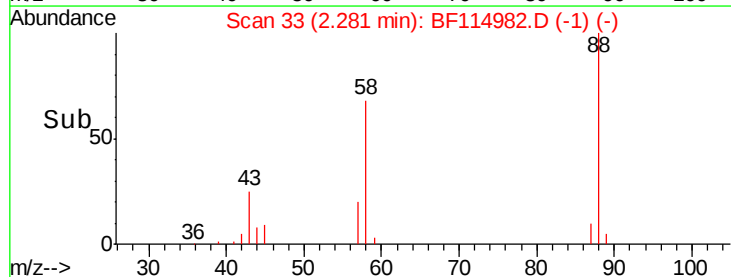
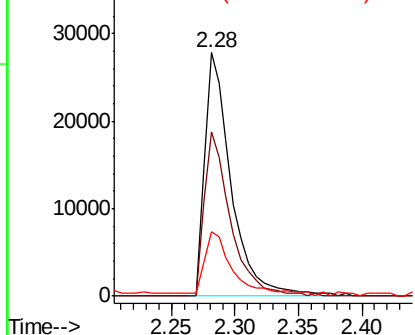


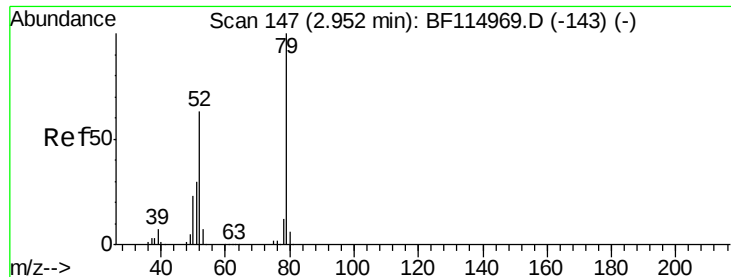
#2
 1,4-Dioxane
 Concen: 4.967 ng
 RT: 2.28 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 88 Resp: 40539
 Ion Ratio Lower Upper
 88 100
 58 66.7 53.4 80.2
 43 23.9 19.7 29.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

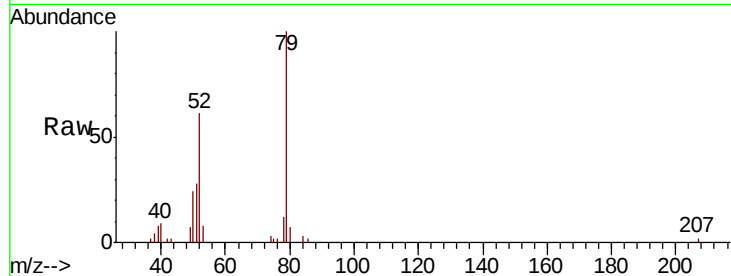




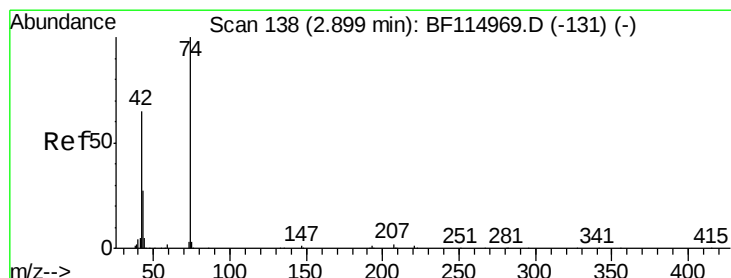
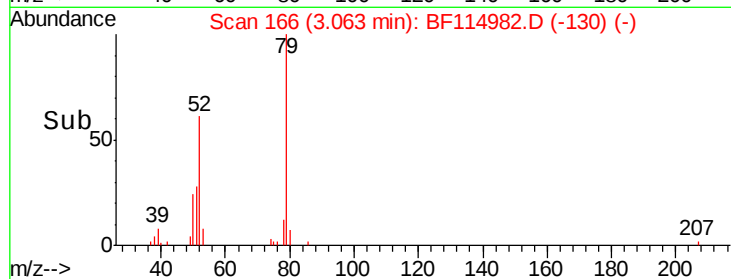
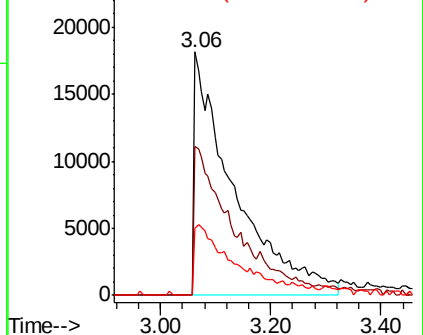
#3
 Pyridine
 Concen: 3.953 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.11 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 79 Resp: 90847
 Ion Ratio Lower Upper
 79 100
 52 61.0 50.3 75.5
 51 27.7 24.4 36.6

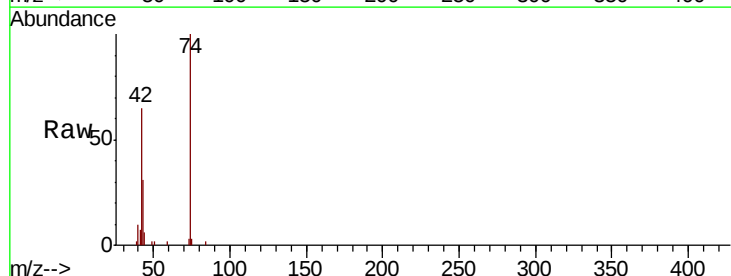


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

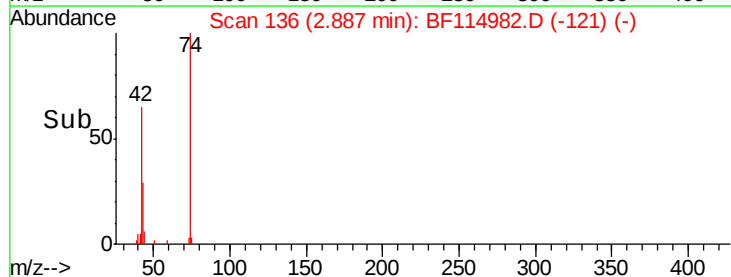
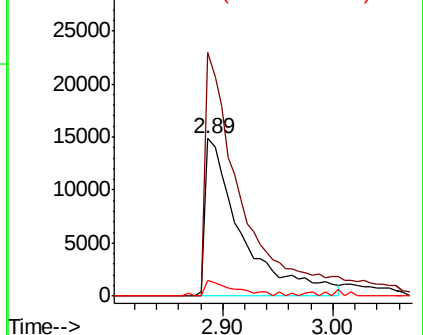


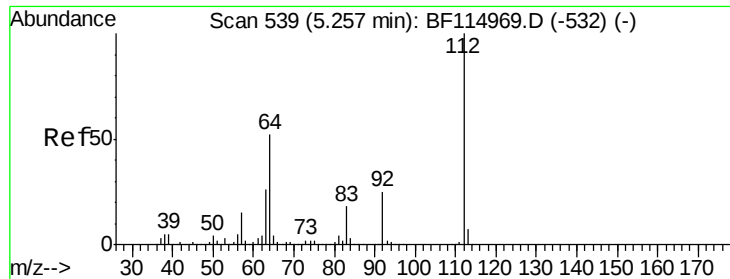
#4
 n-Nitrosodimethylamine
 Concen: 4.121 ng
 RT: 2.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 42 Resp: 33624
 Ion Ratio Lower Upper
 42 100
 74 154.3 122.2 183.2
 44 9.8 5.8 8.8#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.138 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

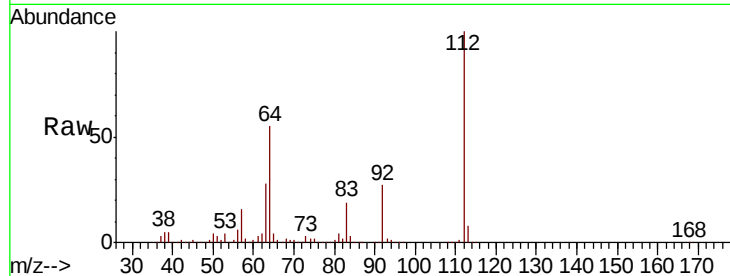
Tgt Ion:112 Resp: 2129693

Ion Ratio Lower Upper

112 100

64 55.0 41.6 62.4

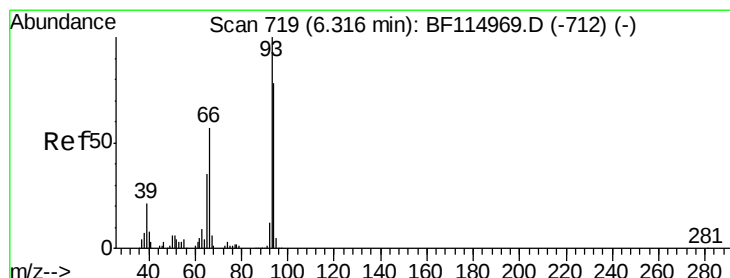
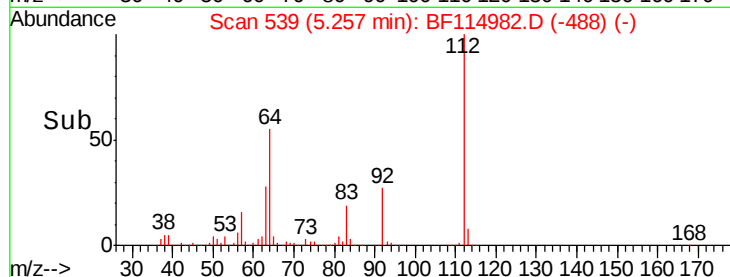
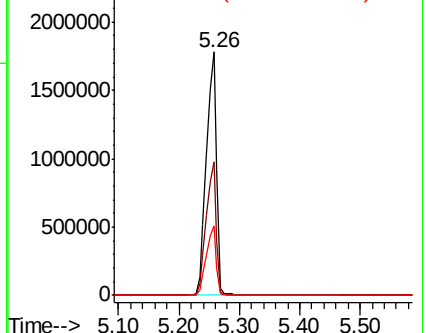
63 28.4 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.172 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

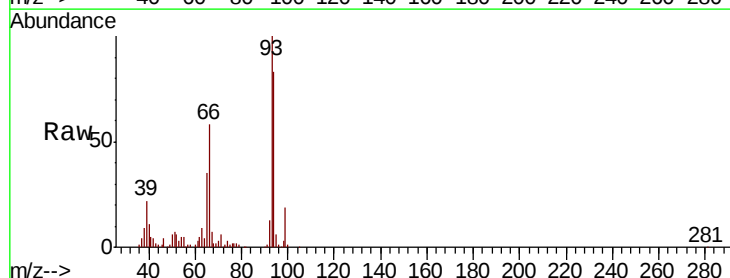
Tgt Ion: 93 Resp: 145701

Ion Ratio Lower Upper

93 100

66 58.4 46.2 69.2

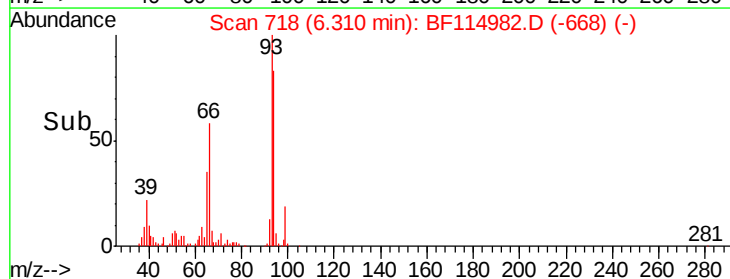
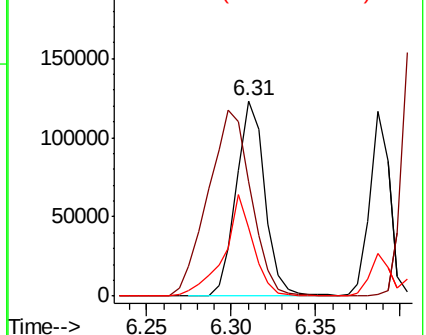
65 35.2 27.7 41.5

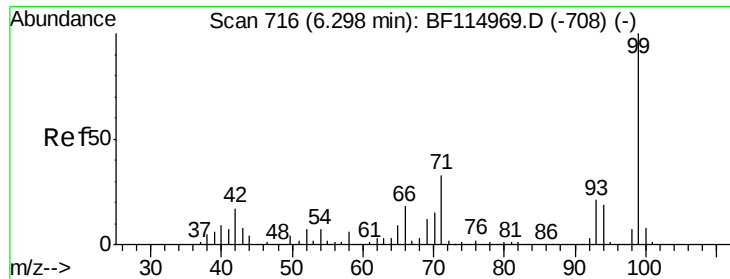


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.056 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

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LOD-MDL-WATER-01-QT2-2019

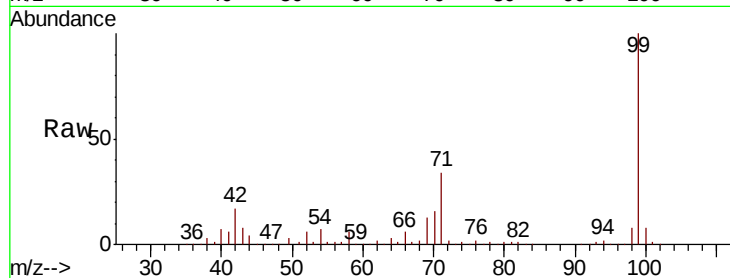
Tgt Ion: 99 Resp: 2609373

Ion Ratio Lower Upper

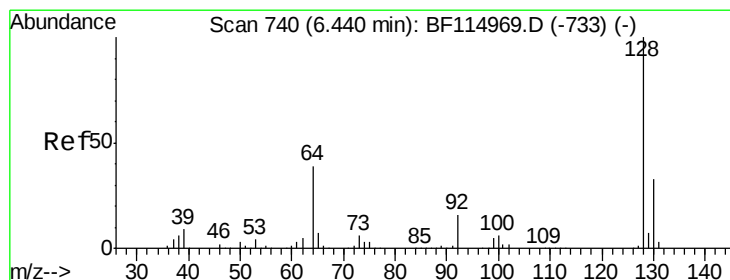
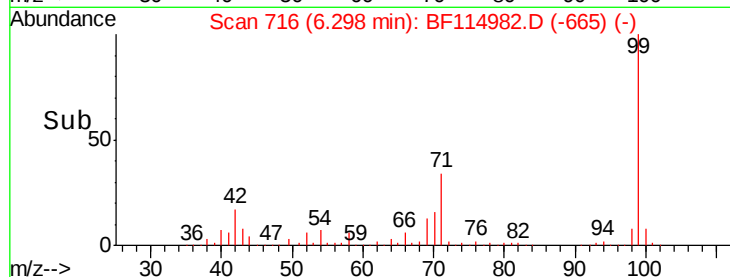
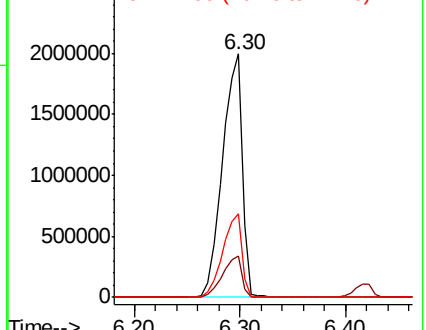
99 100

42 16.9 13.4 20.2

71 34.4 26.4 39.6



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: 5.189 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

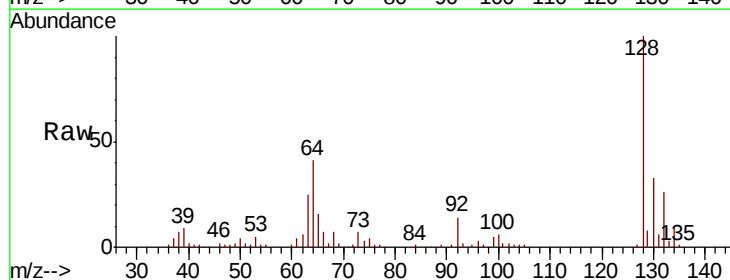
Tgt Ion: 128 Resp: 102588

Ion Ratio Lower Upper

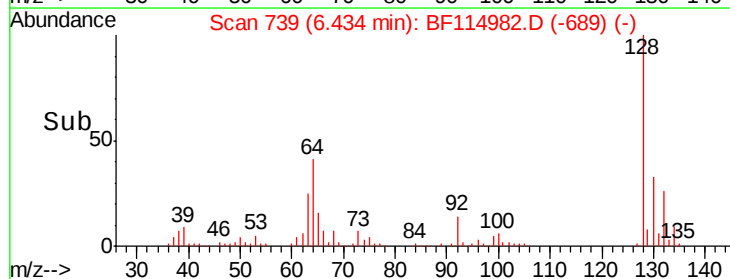
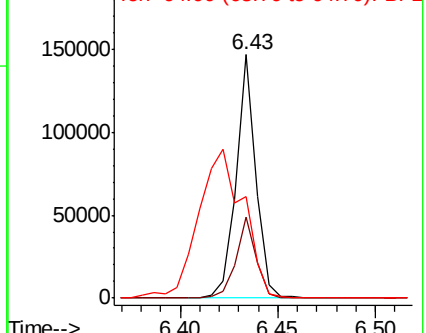
128 100

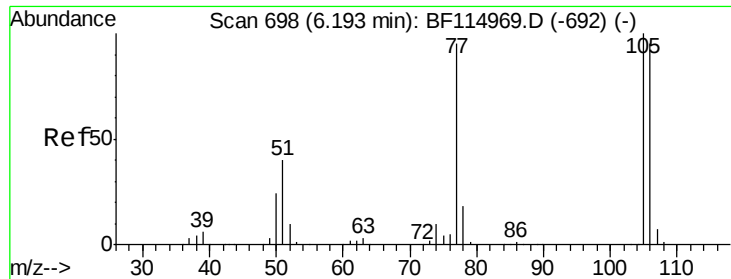
130 33.1 13.4 53.4

64 41.5 20.1 60.1



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: 1.028 ng

RT: 6.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

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ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

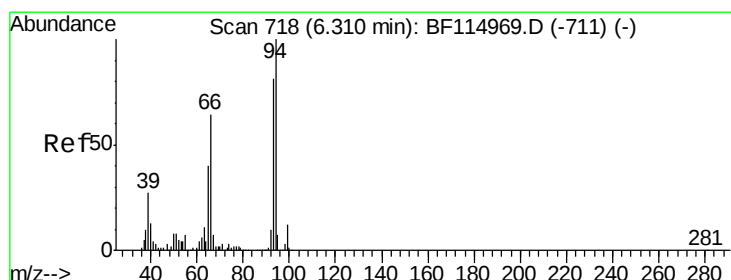
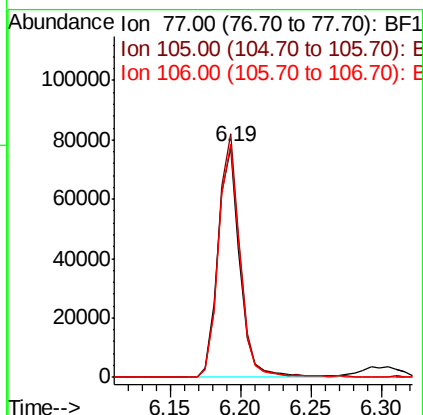
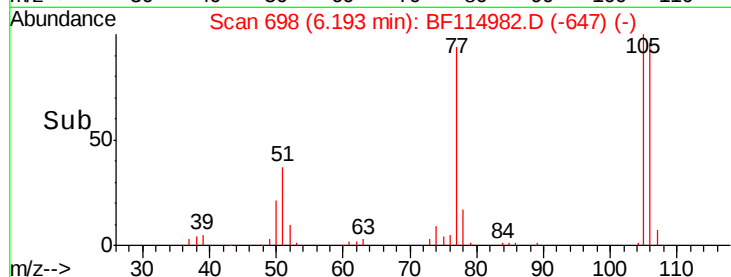
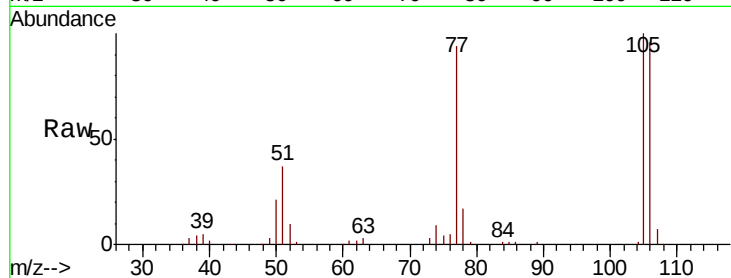
Tgt Ion: 77 Resp: 83720

Ion Ratio Lower Upper

77 100

105 106.0 85.1 125.1

106 101.6 80.0 120.0



#10

Phenol

Concen: 5.332 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

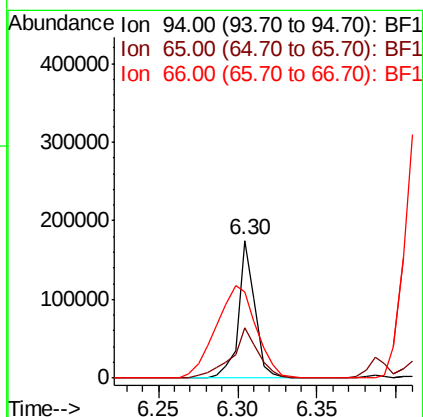
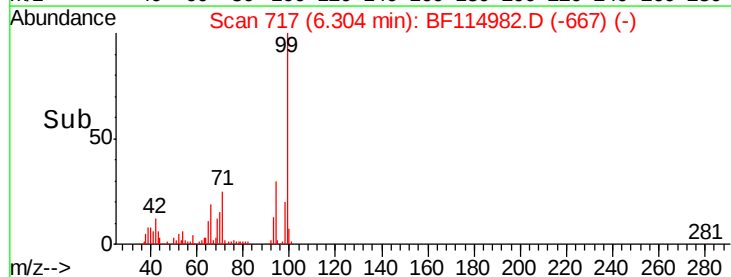
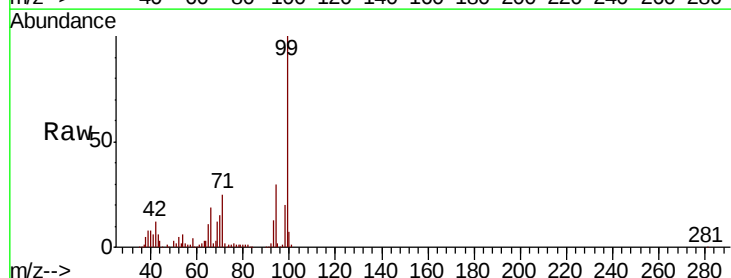
Tgt Ion: 94 Resp: 125467

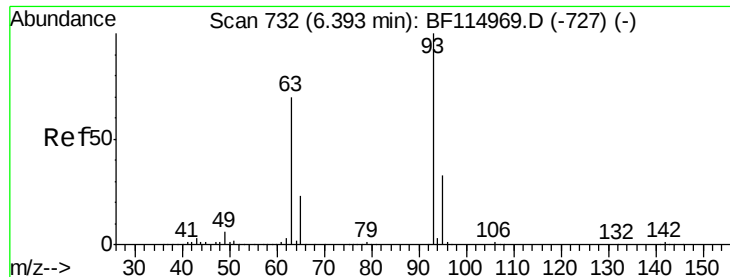
Ion Ratio Lower Upper

94 100

65 36.8 20.0 60.0

66 63.0 44.1 84.1

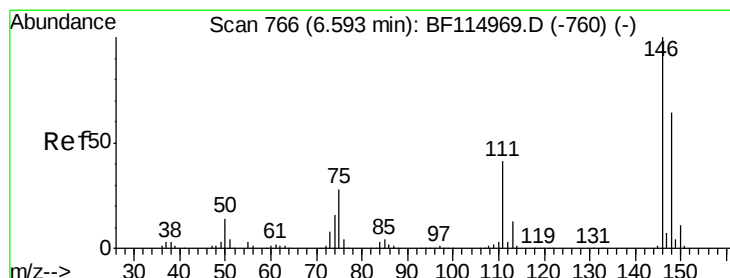
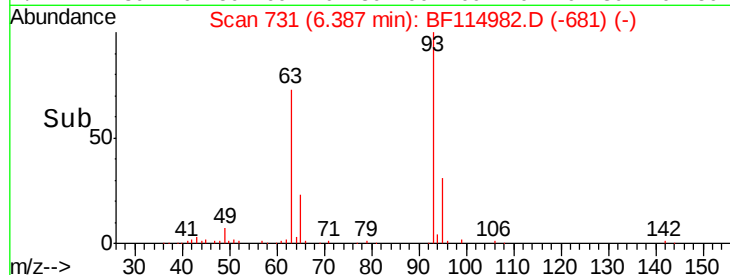
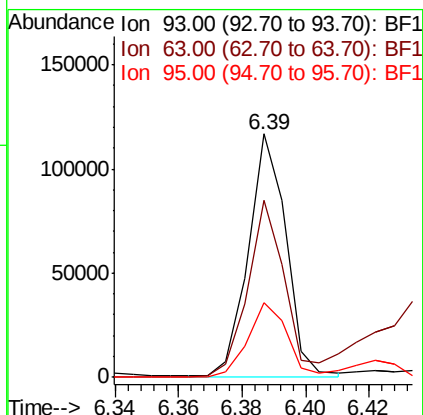
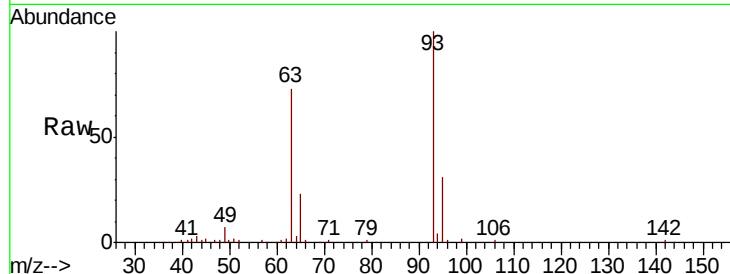




#11
bis(2-Chloroethyl)ether
Concen: 5.312 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

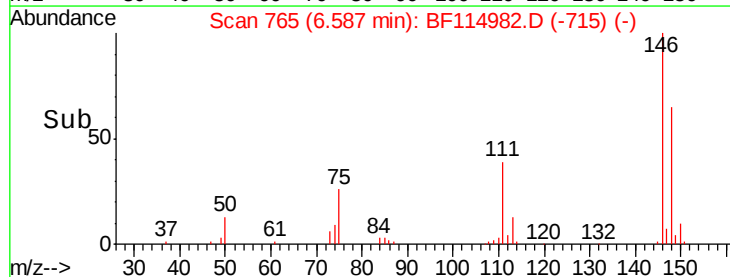
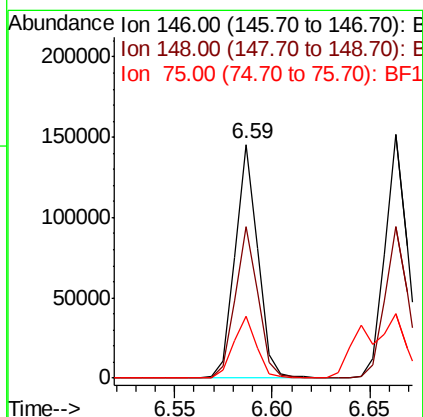
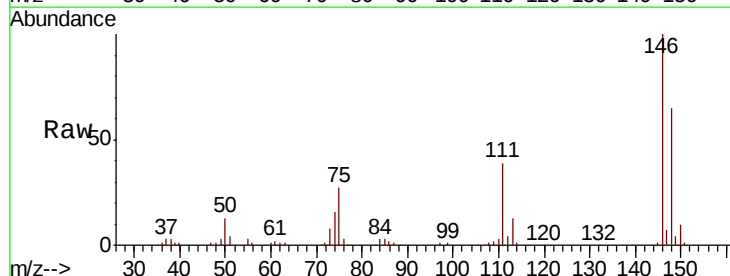
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

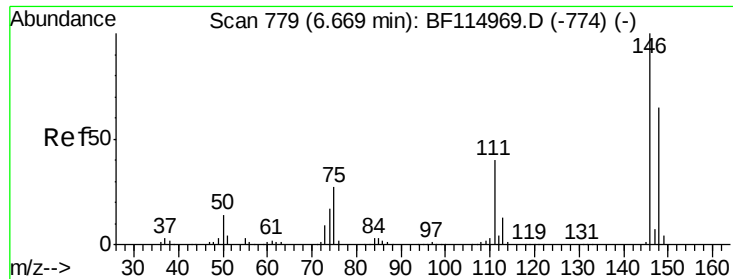
Tgt Ion: 93 Resp: 97031
Ion Ratio Lower Upper
93 100
63 72.5 49.8 89.8
95 30.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 5.097 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion: 146 Resp: 117716
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
75 26.6 22.3 33.5

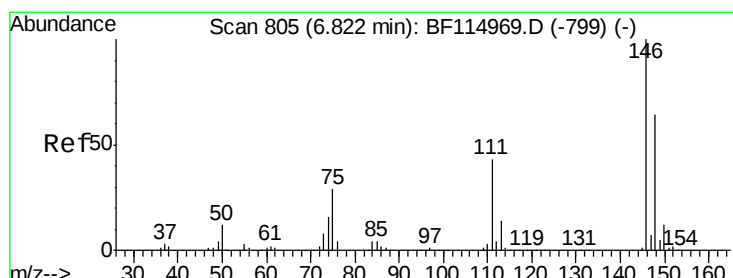
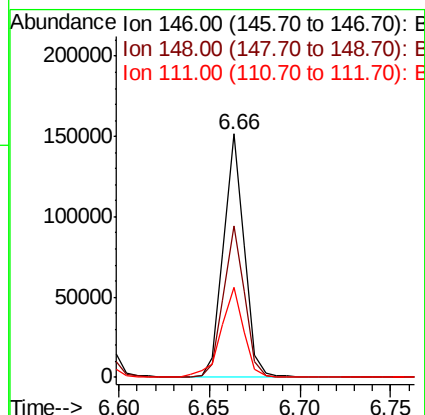
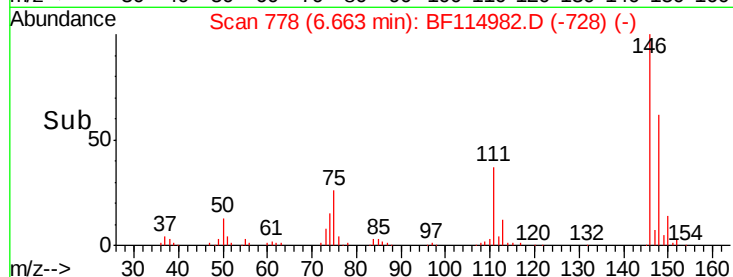
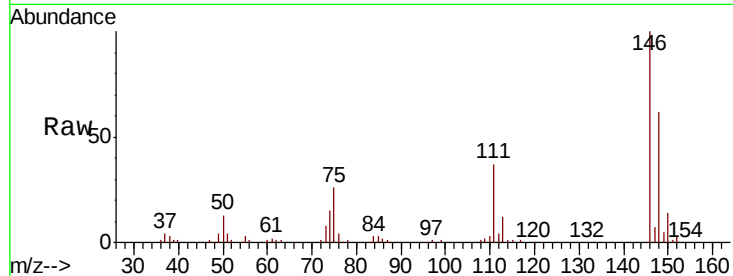




#13
 1,4-Dichlorobenzene
 Concen: 5.210 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

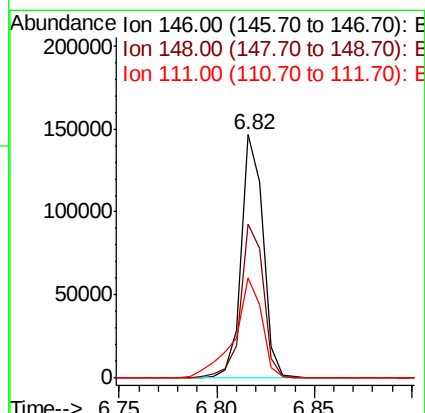
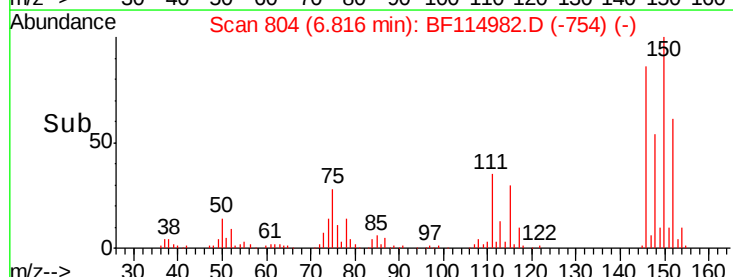
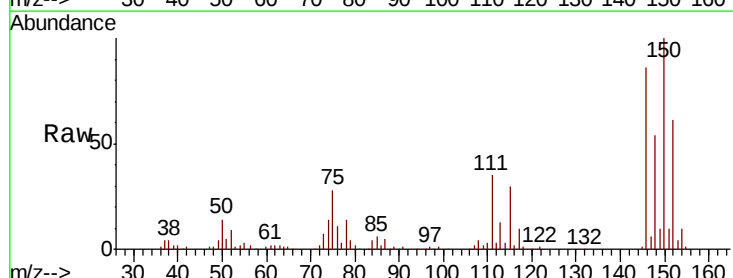
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

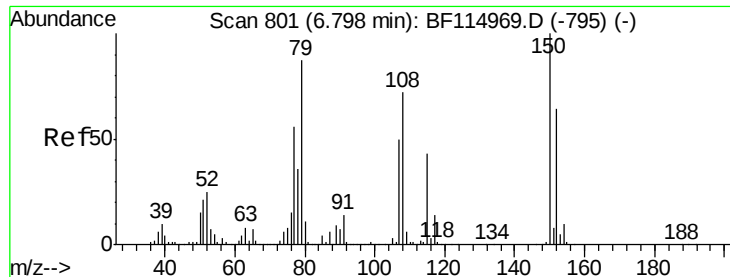
Tgt Ion:146 Resp: 120969
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.2 78.2
 111 37.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 5.177 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:146 Resp: 113159
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 41.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 6.470 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

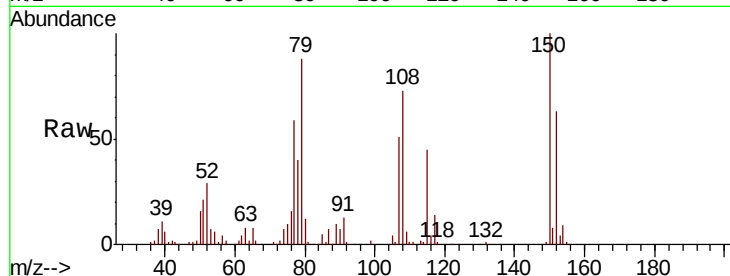
Tgt Ion: 79 Resp: 101970

Ion Ratio Lower Upper

79 100

108 82.9 66.0 99.0

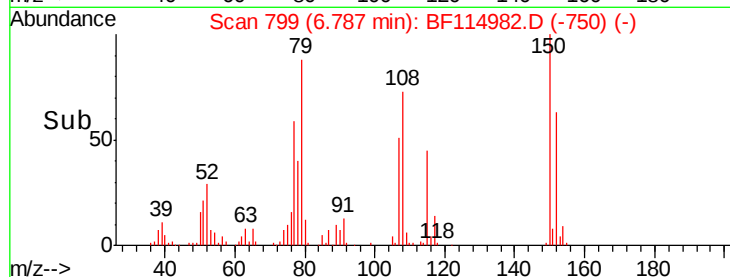
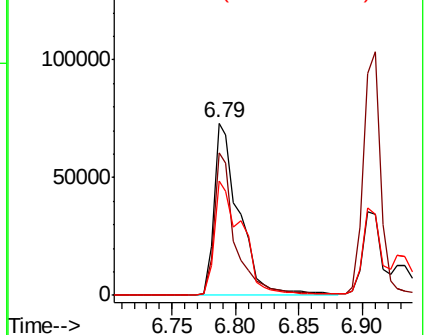
77 66.5 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.149 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

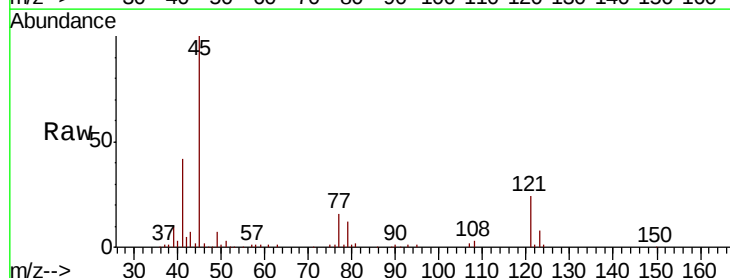
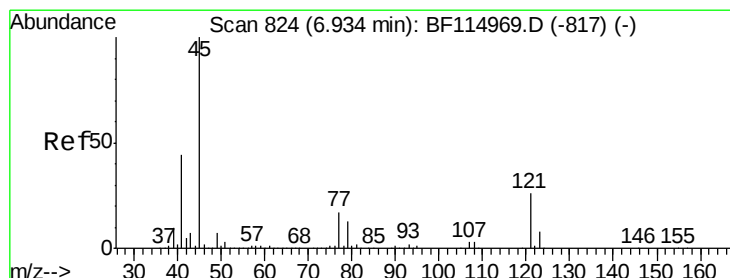
Tgt Ion: 45 Resp: 125867

Ion Ratio Lower Upper

45 100

77 16.0 0.0 37.0

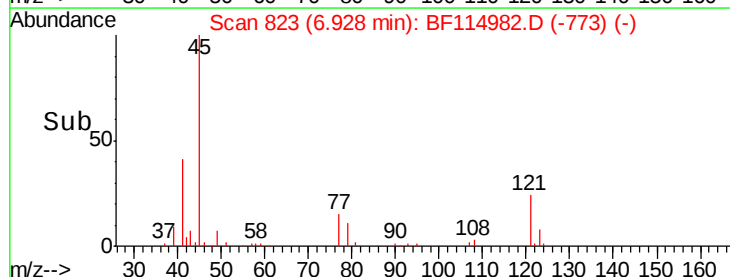
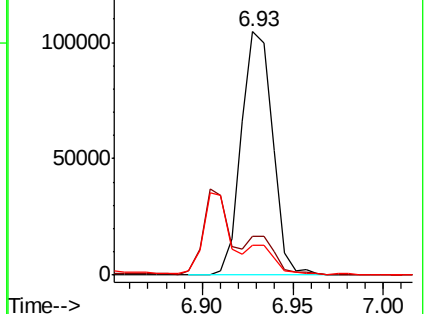
79 12.2 0.0 33.1

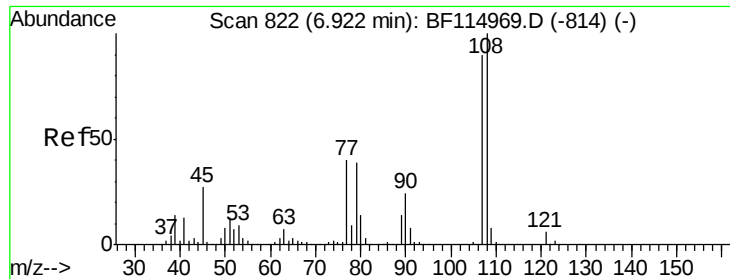


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

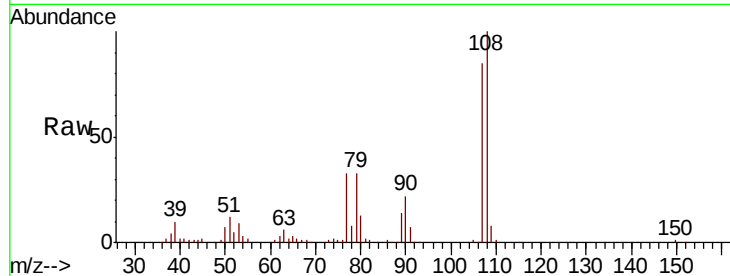




#17
2-Methylphenol
Concen: 5.258 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	107	Resp:	86708
Ion	Ratio	Lower	Upper
107	100		
108	117.0	89.3	133.9
77	38.9	35.4	53.2
79	39.0	34.9	52.3



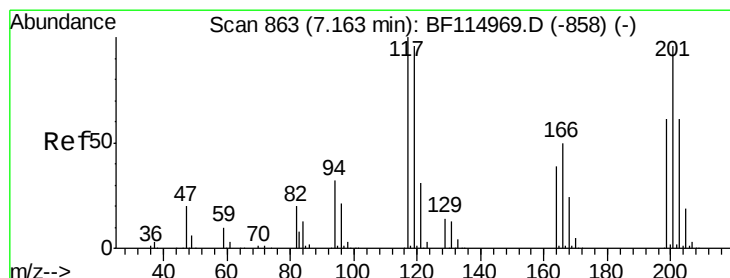
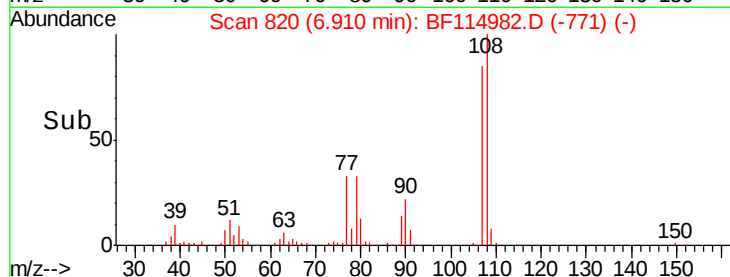
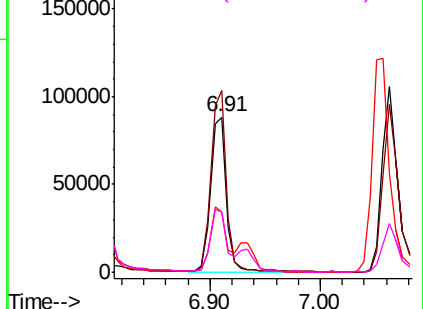
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

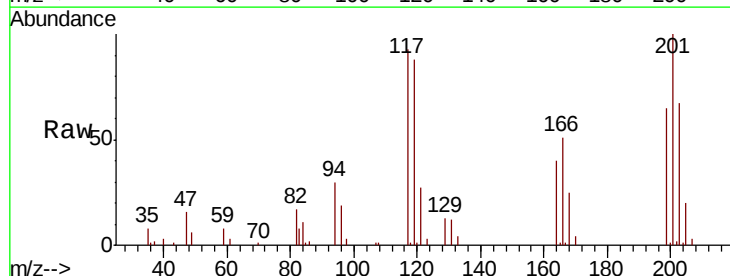
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 4.919 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:	117	Resp:	41247
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.4
201	107.1	76.6	115.0

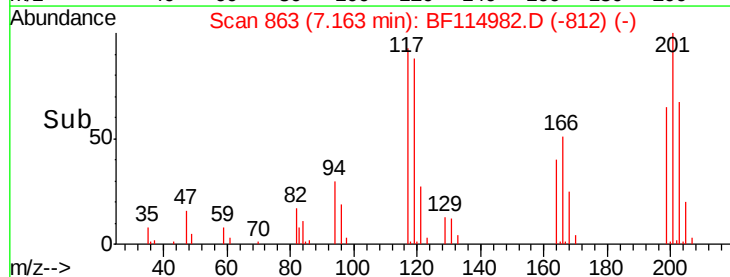
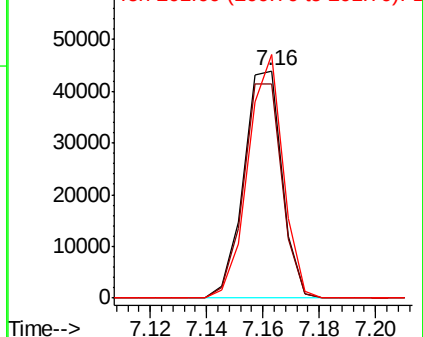


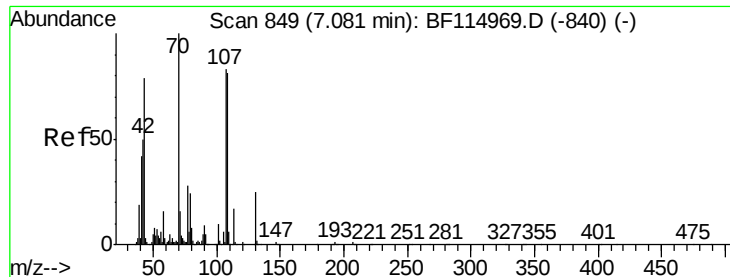
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

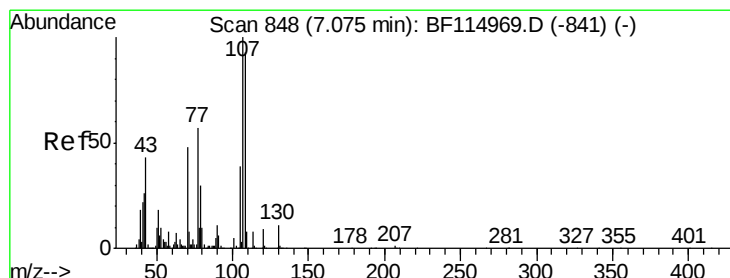
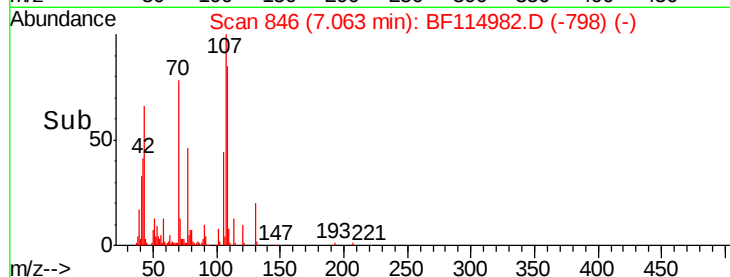
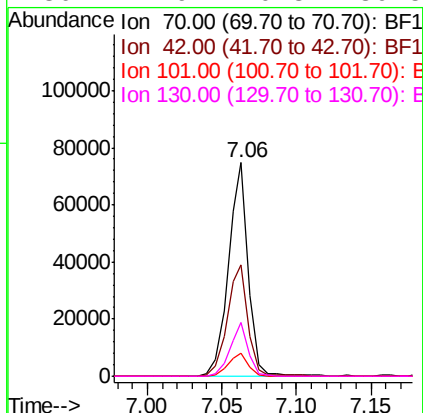
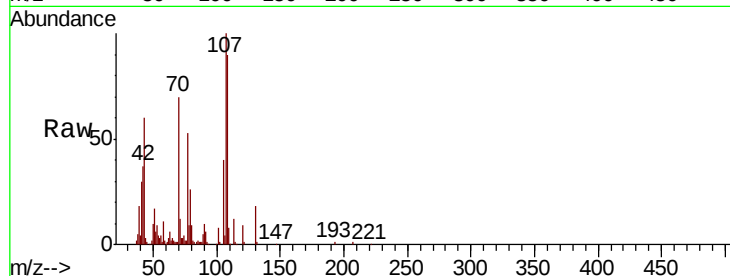




#19
n-Nitroso-di-n-propylamine
Concen: 5.488 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

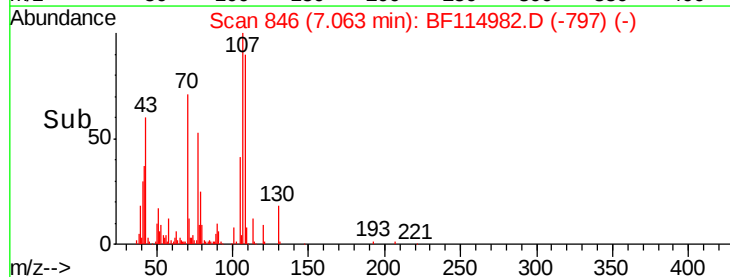
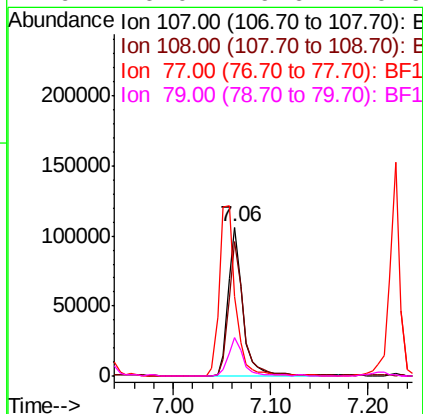
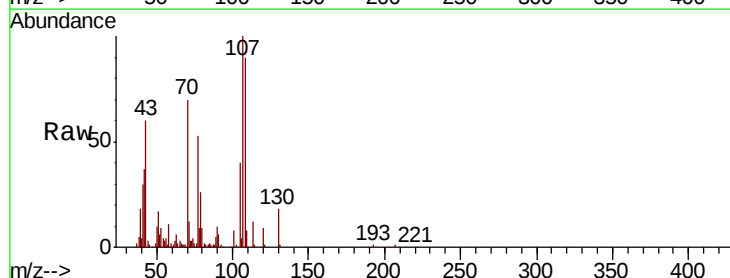
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

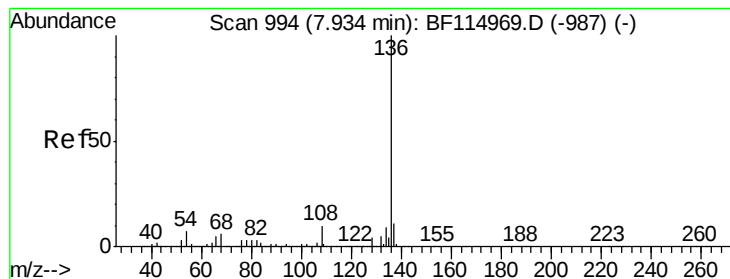
Tgt Ion:	70	Resp:	70137
Ion	Ratio	Lower	Upper
70	100		
42	52.3	40.3	60.5
101	10.7	8.2	12.4
130	24.9	20.3	30.5



#20
3+4-Methylphenols
Concen: 5.696 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:	107	Resp:	111792
Ion	Ratio	Lower	Upper
107	100		
108	90.4	73.1	113.1
77	53.3	37.3	77.3
79	26.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:136 Resp: 1129589

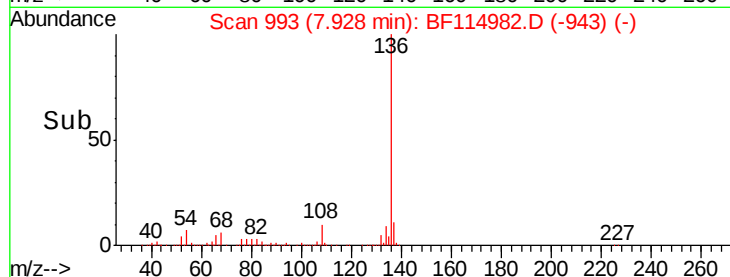
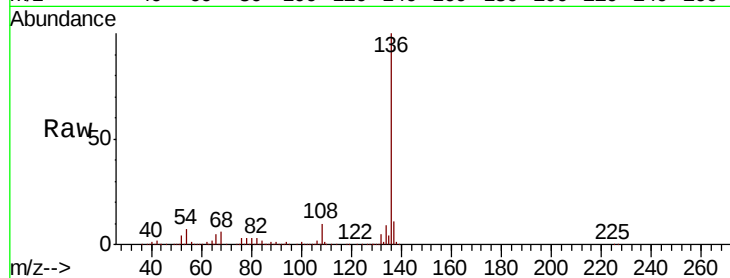
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 5.4 8.0

68 5.9 4.6 7.0



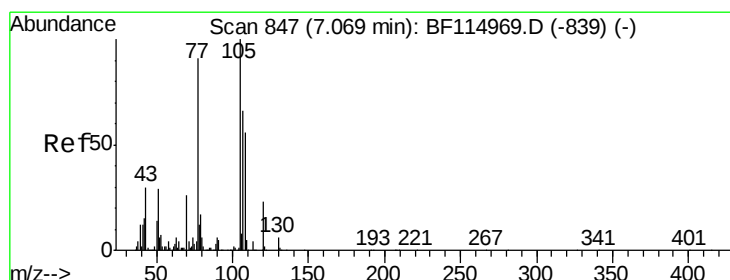
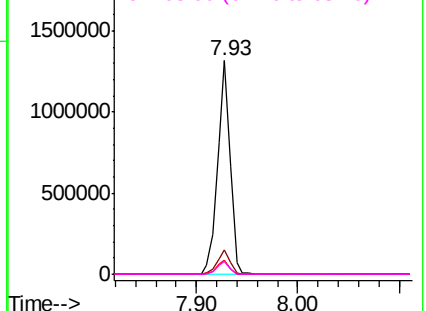
Abundance

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



#22

Acetophenone

Concen: 5.878 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Tgt Ion:105 Resp: 150301

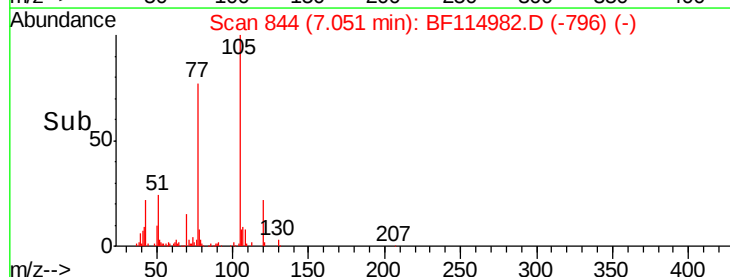
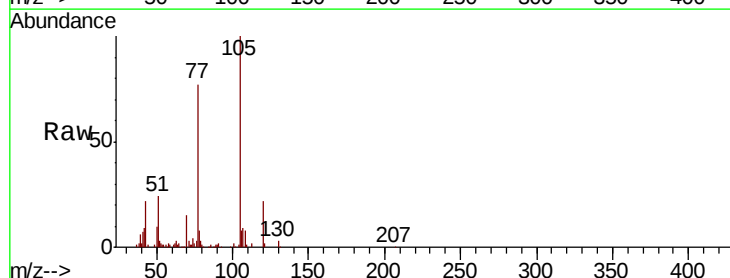
Ion Ratio Lower Upper

105 100

71 2.5 3.4 5.2#

51 24.4 23.3 34.9

120 22.0 18.8 28.2



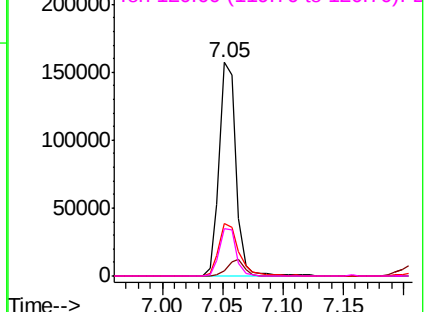
Abundance

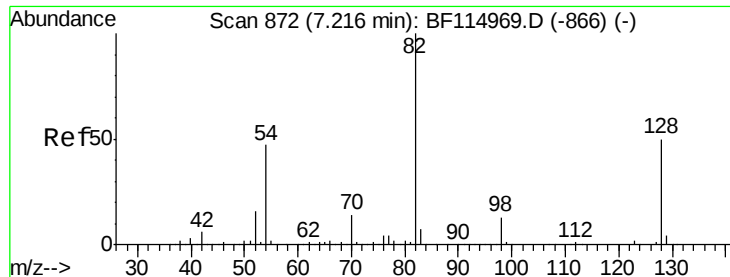
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

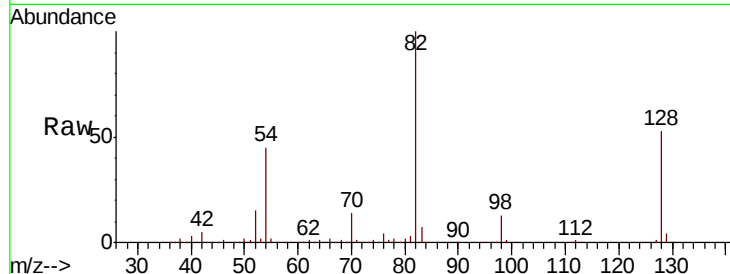




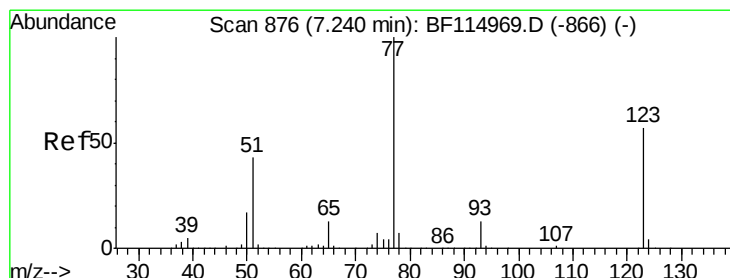
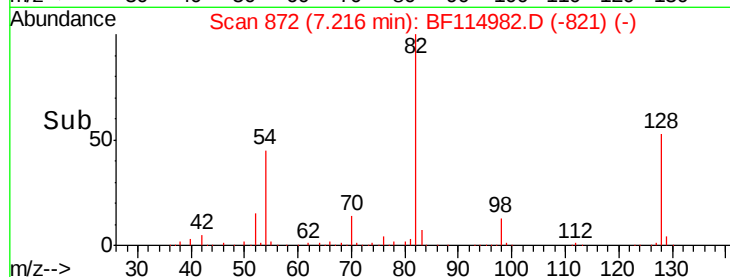
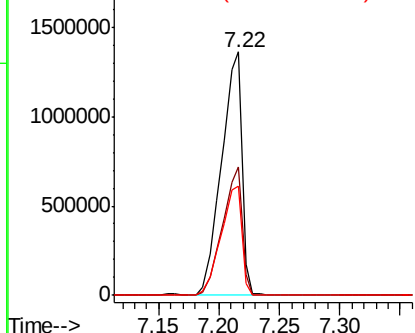
#23
 Nitrobenzene-d5
 Concen: 85.185 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 82 Resp: 1598623
 Ion Ratio Lower Upper
 82 100
 128 52.7 39.9 59.9
 54 44.7 37.3 55.9

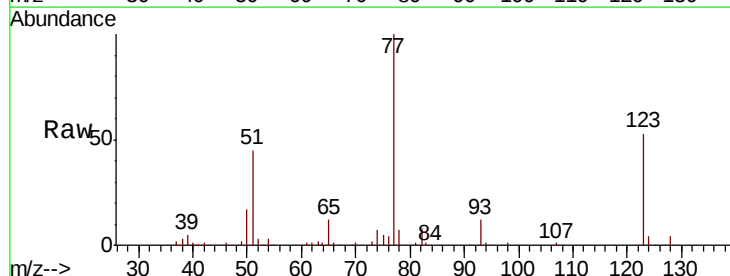


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

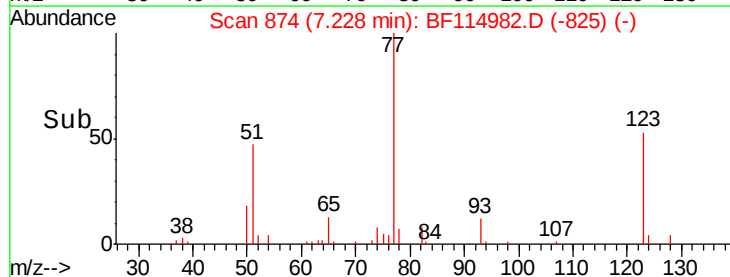
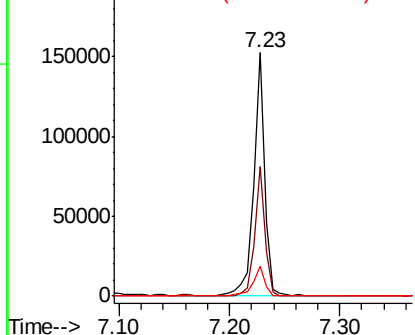


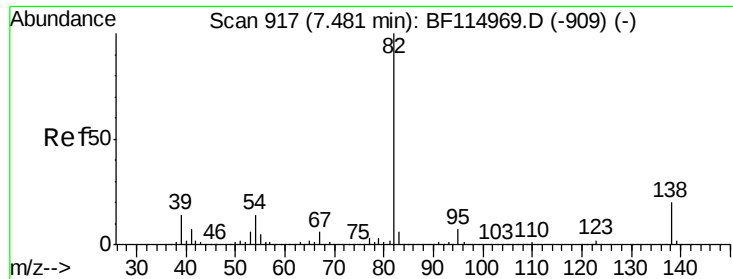
#24
 Nitrobenzene
 Concen: 5.701 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 77 Resp: 108849
 Ion Ratio Lower Upper
 77 100
 123 53.1 45.5 68.3
 65 12.5 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.495 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

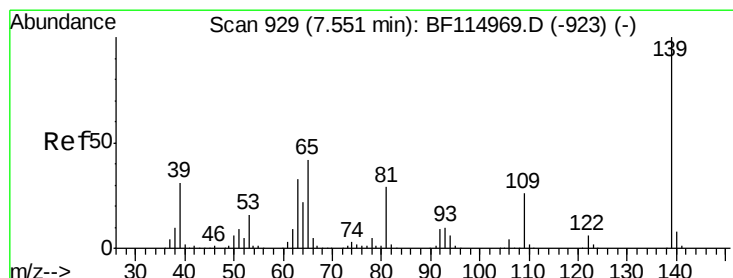
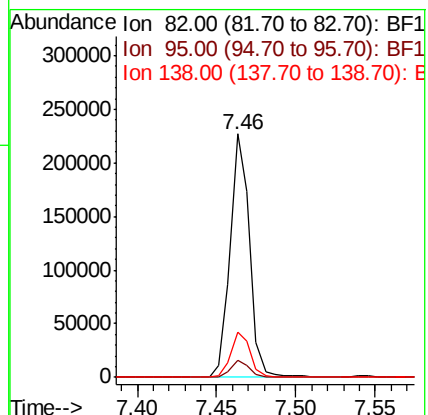
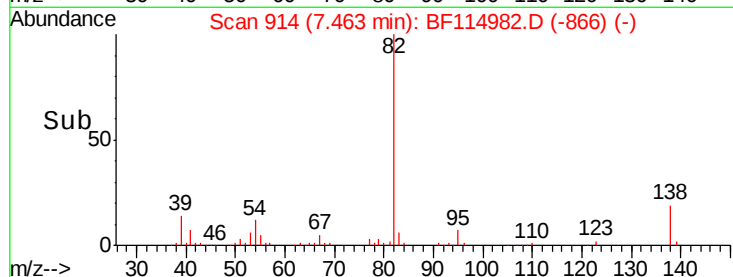
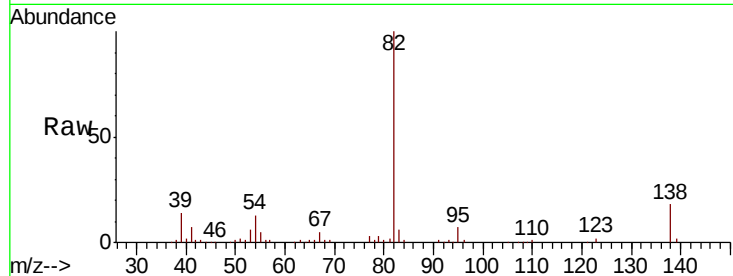
Tgt Ion: 82 Resp: 193125

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 18.4 16.1 24.1



#26

2-Nitrophenol

Concen: 5.129 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

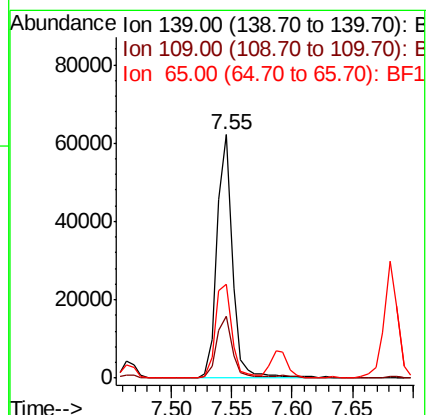
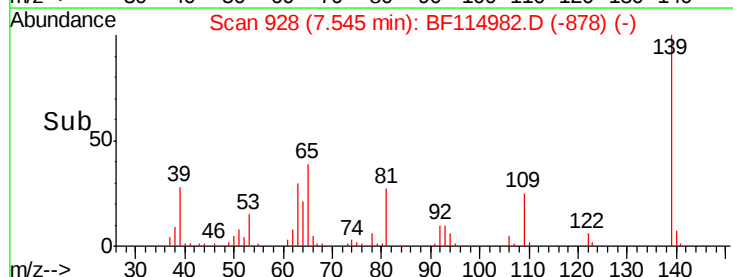
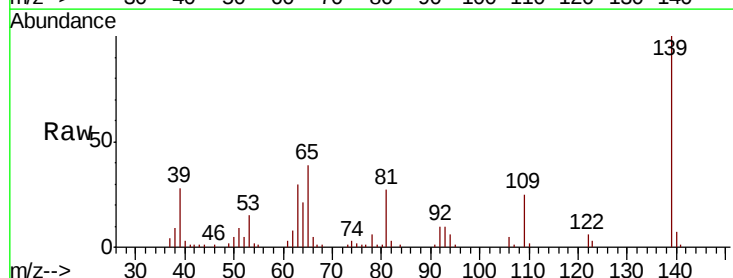
Tgt Ion: 139 Resp: 54584

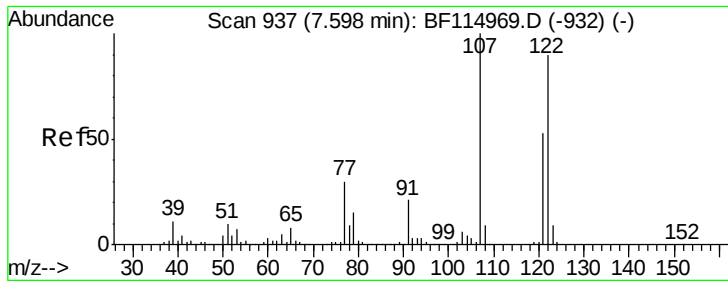
Ion Ratio Lower Upper

139 100

109 25.3 20.8 31.2

65 38.8 33.4 50.2

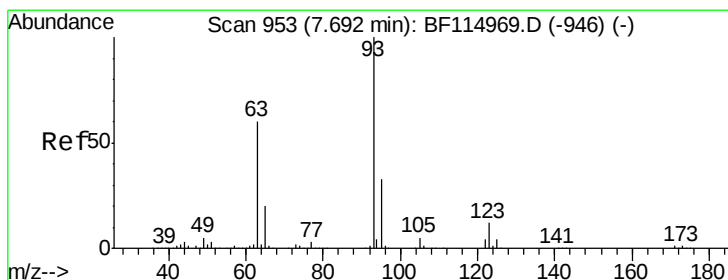
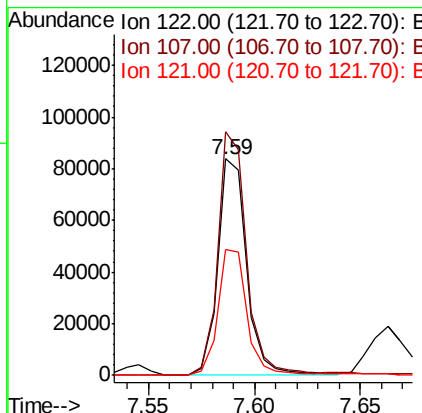
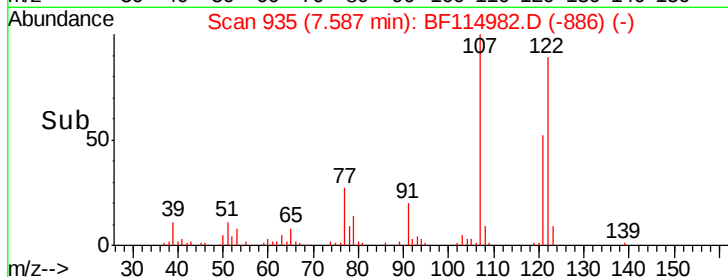
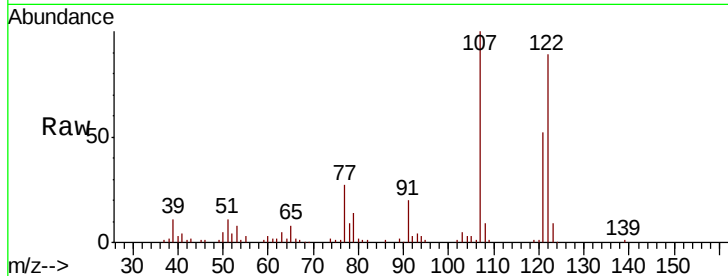




#27
2,4-Dimethylphenol
Concen: 5.212 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

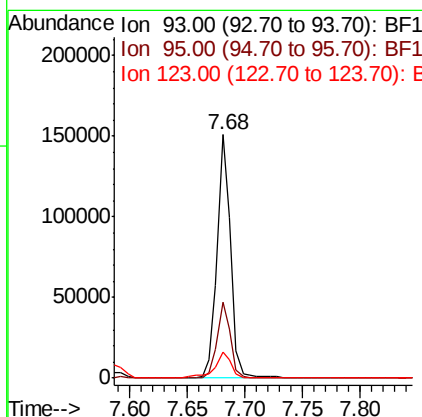
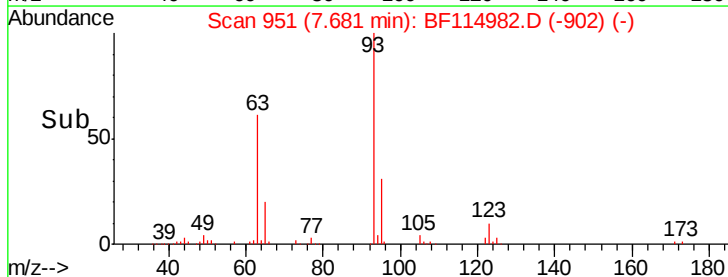
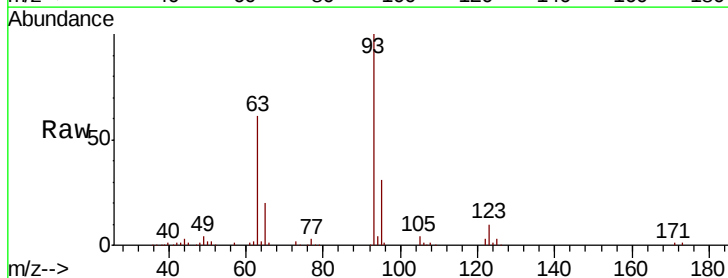
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

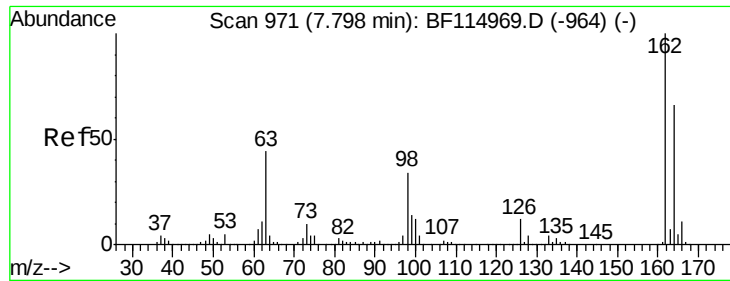
Tgt Ion:122 Resp: 80020
Ion Ratio Lower Upper
122 100
107 112.5 88.8 133.2
121 58.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 5.439 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion: 93 Resp: 122657
Ion Ratio Lower Upper
93 100
95 31.4 26.6 40.0
123 10.5 9.9 14.9

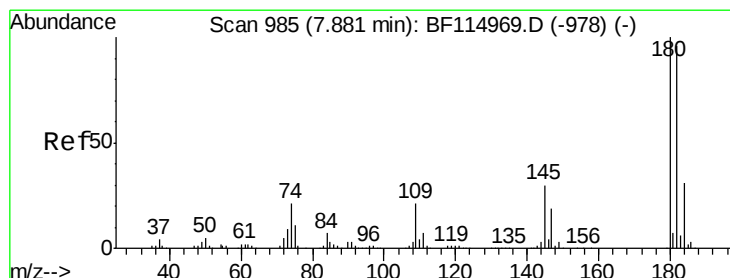
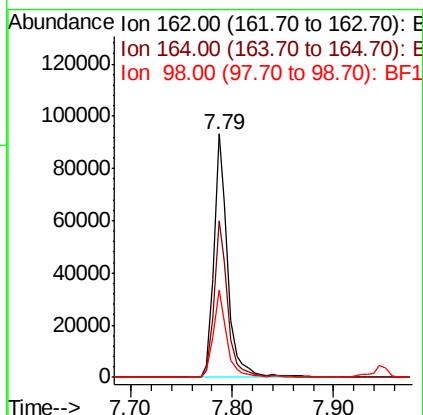
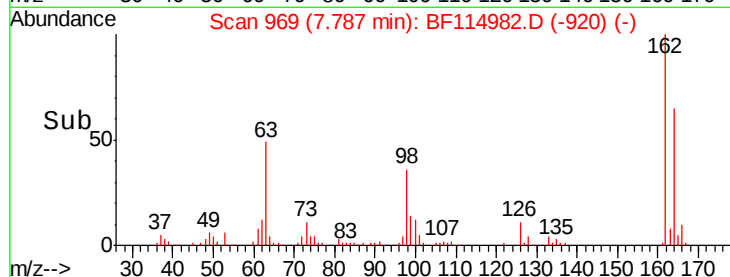
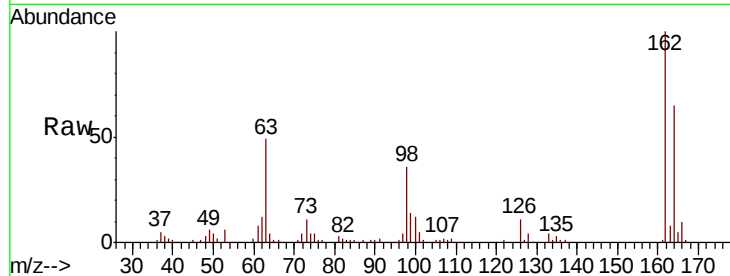




#29
2,4-Dichlorophenol
Concen: 5.448 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

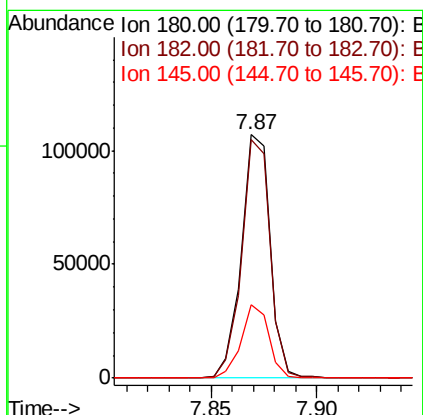
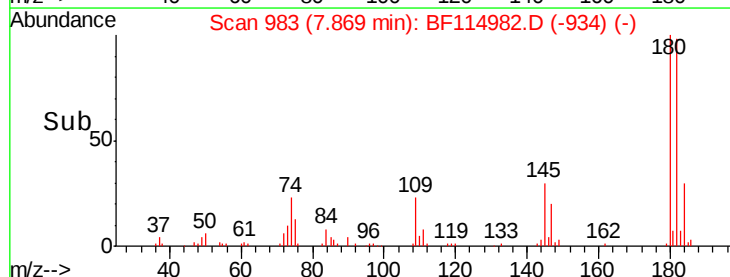
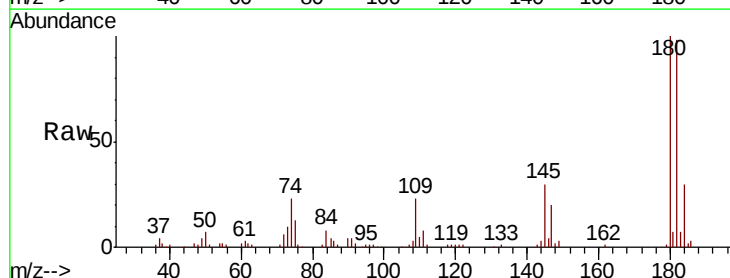
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

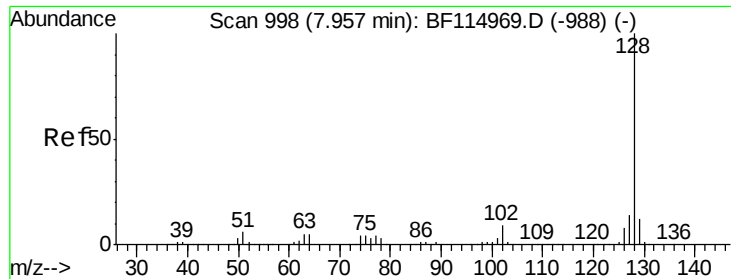
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.7	85.7
98	36.1	14.0	54.0



#30
1,2,4-Trichlorobenzene
Concen: 5.398 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.7	115.1
145	30.2	24.1	36.1

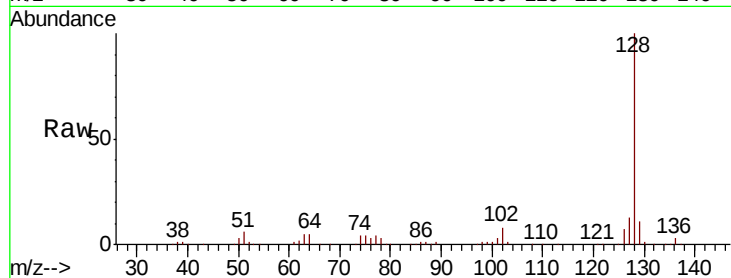




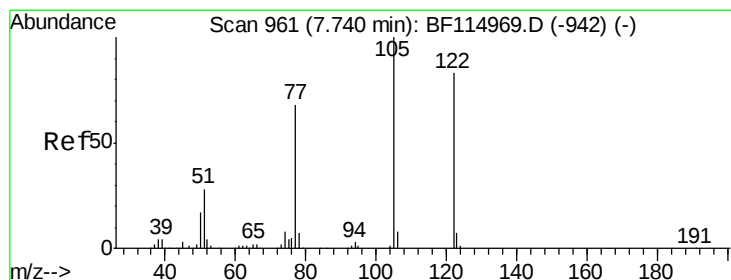
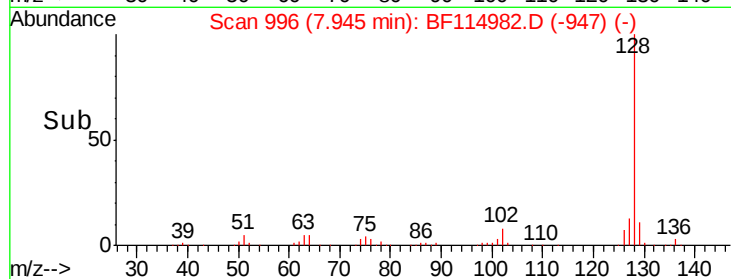
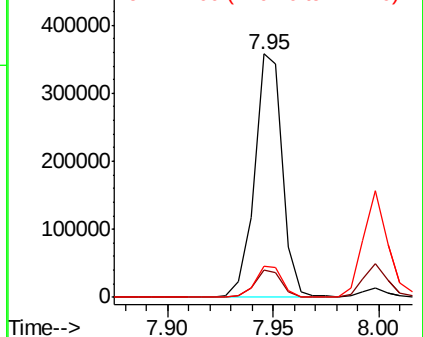
#31
Naphthalene
Concen: 6.140 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:128 Resp: 328161
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 12.7 11.5 17.3

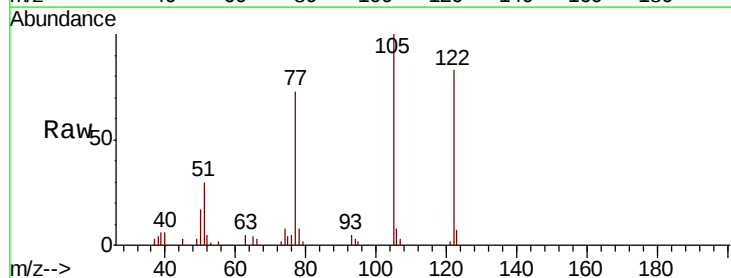


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

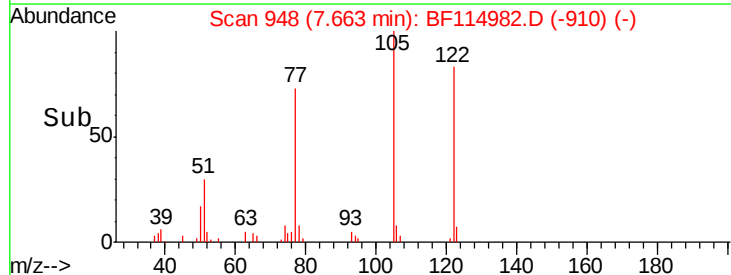
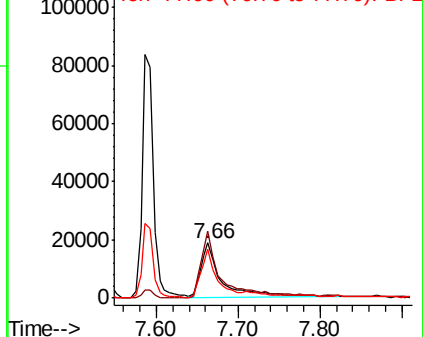


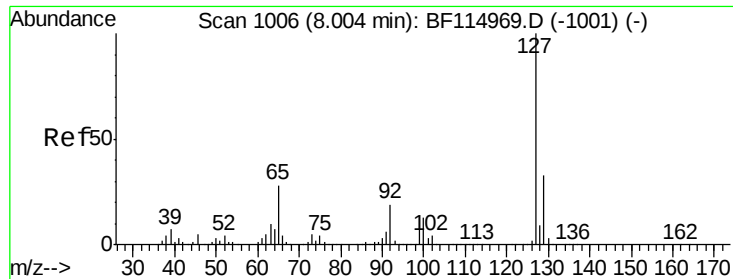
#32
Benzoic acid
Concen: 2.995 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.08 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:122 Resp: 33275
Ion Ratio Lower Upper
122 100
105 120.1 98.6 138.6
77 88.2 60.9 100.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

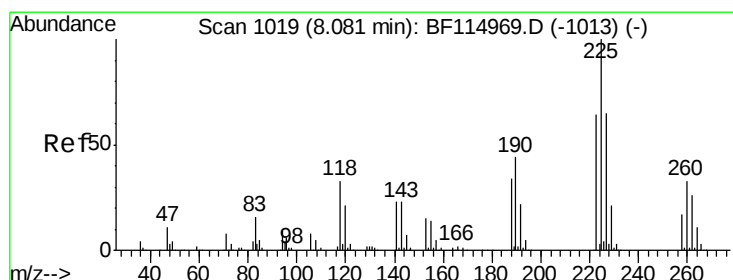
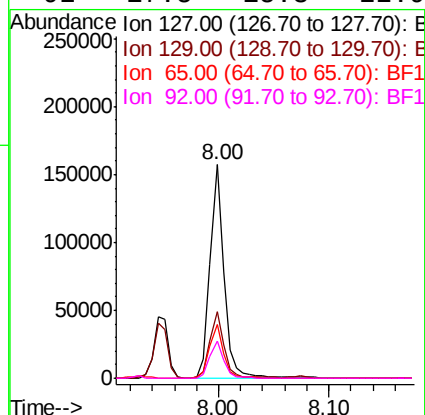
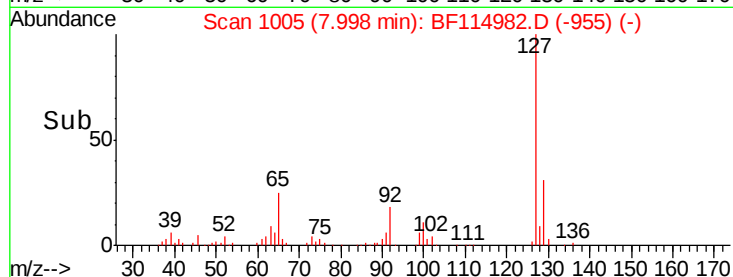
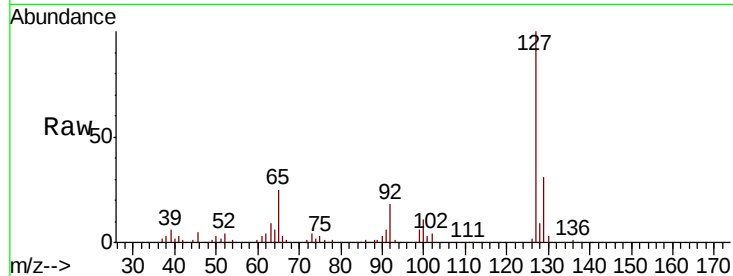




#33
4-Chloroaniline
Concen: 5.465 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

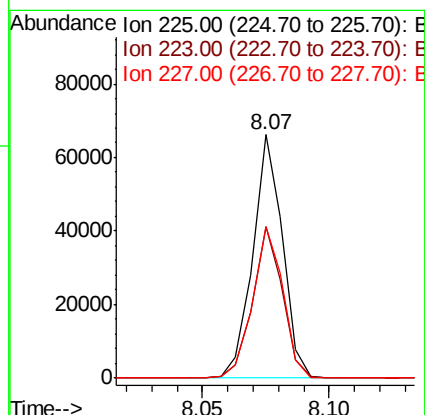
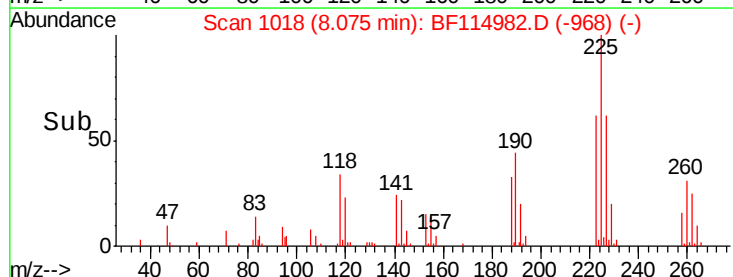
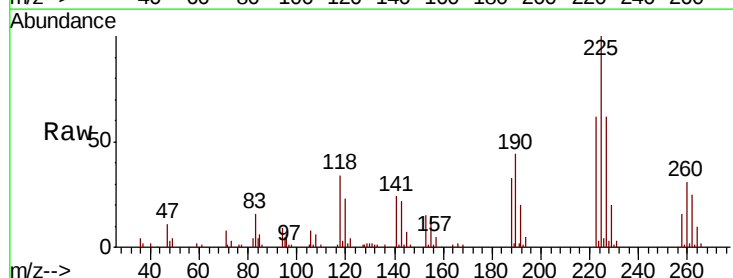
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

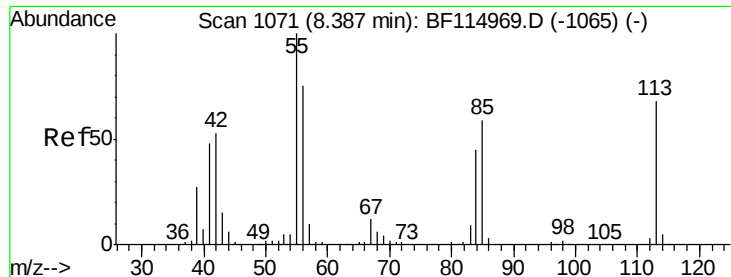
Tgt Ion:	127	Resp:	134835
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	25.3	22.3	33.5
92	17.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 5.167 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:	225	Resp:	53821
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	62.4	51.7	77.5

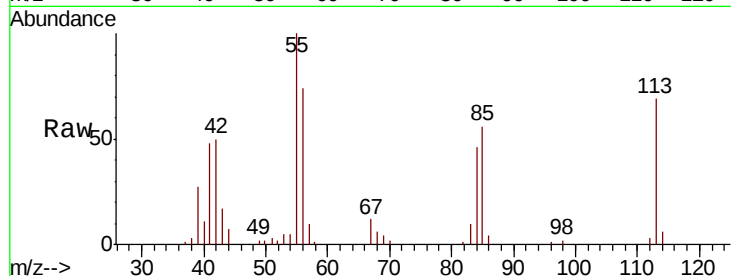




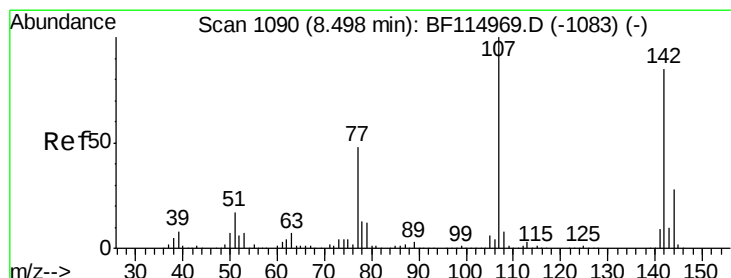
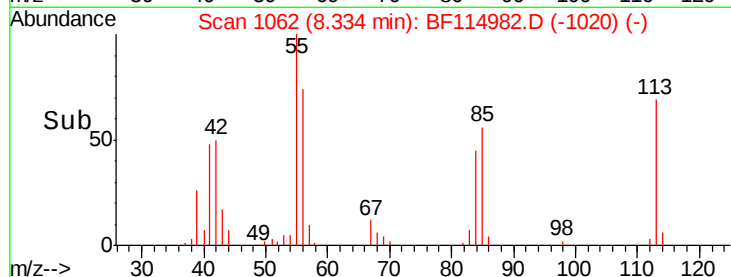
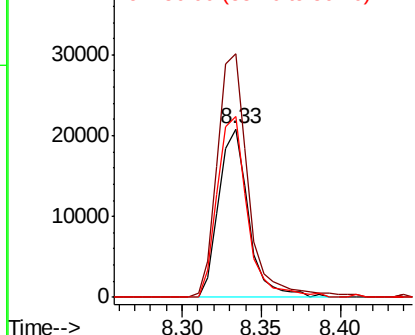
#35
 Caprolactam
 Concen: 5.041 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion:113 Resp: 27229
 Ion Ratio Lower Upper
 113 100
 55 144.3 127.3 167.3
 56 107.4 90.6 130.6

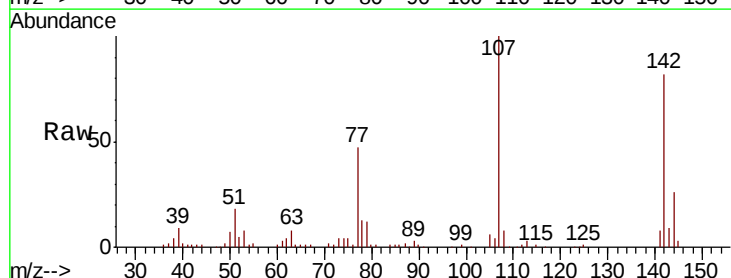


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

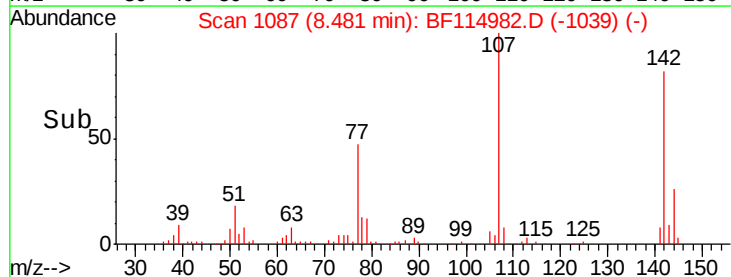
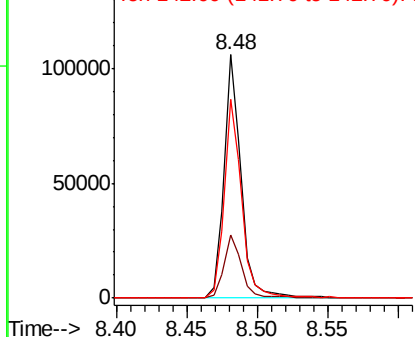


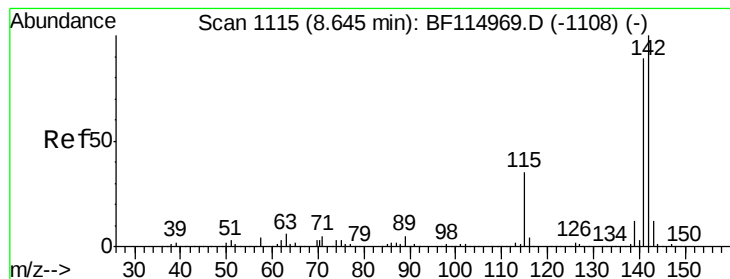
#36
 4-Chloro-3-methylphenol
 Concen: 5.469 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:107 Resp: 89384
 Ion Ratio Lower Upper
 107 100
 144 26.2 22.0 33.0
 142 81.5 68.2 102.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.163 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

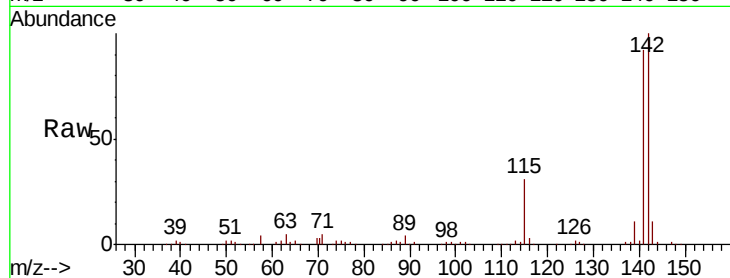
Tgt Ion:142 Resp: 219680

Ion Ratio Lower Upper

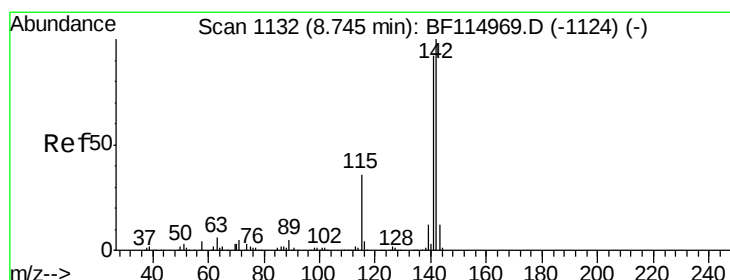
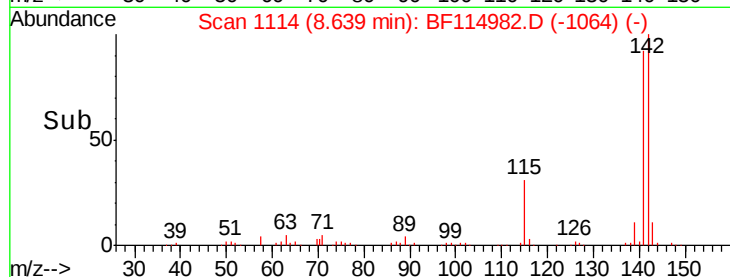
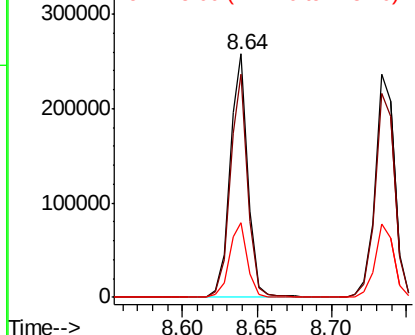
142 100

141 91.8 71.0 106.6

115 30.6 27.9 41.9



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

1-Methylnaphthalene

Concen: 6.210 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

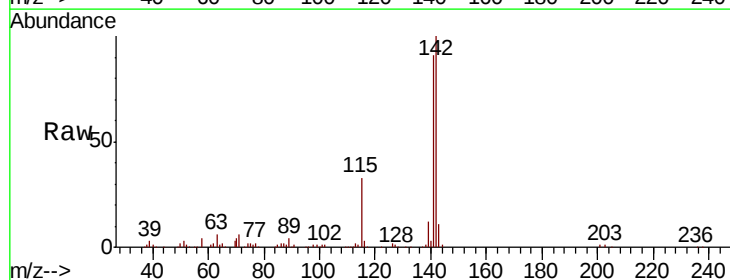
Tgt Ion:142 Resp: 209209

Ion Ratio Lower Upper

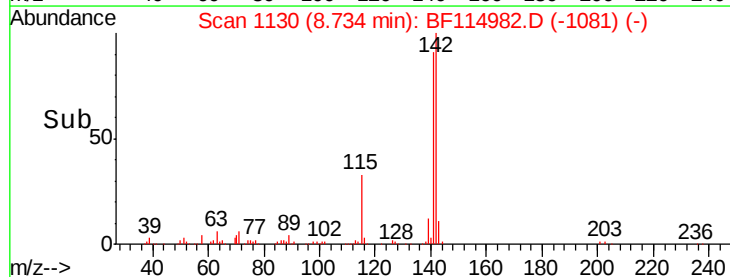
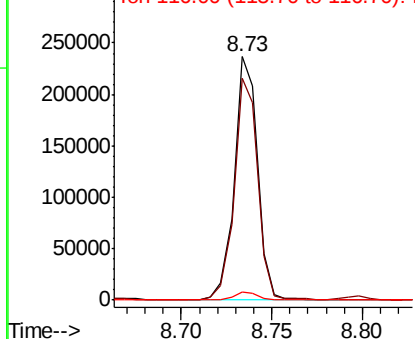
142 100

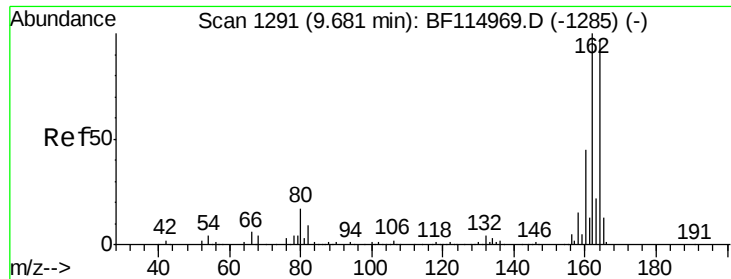
141 91.3 73.8 110.8

116 3.5 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

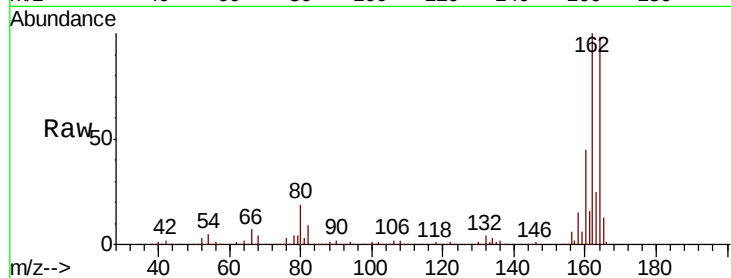




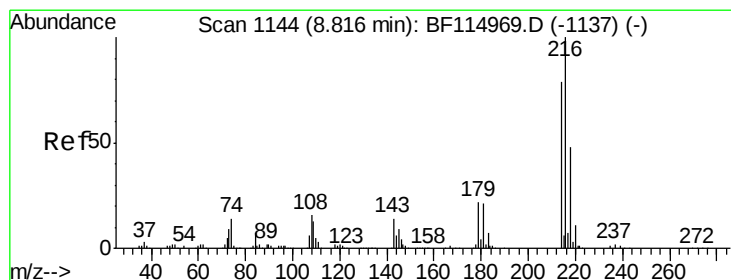
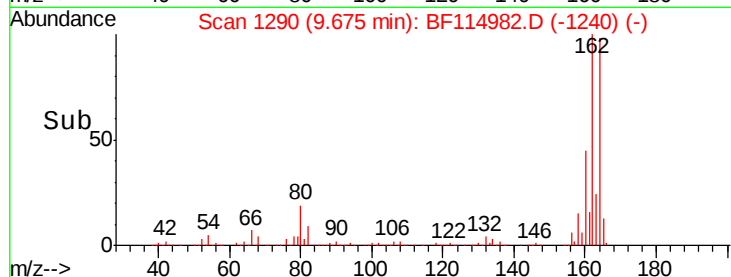
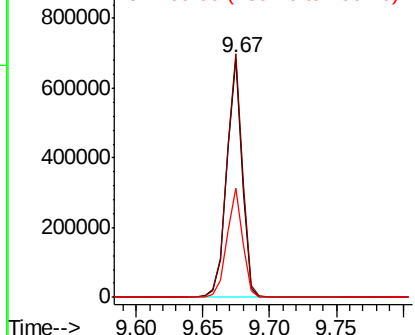
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:164 Resp: 557480
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.8 36.9 55.3

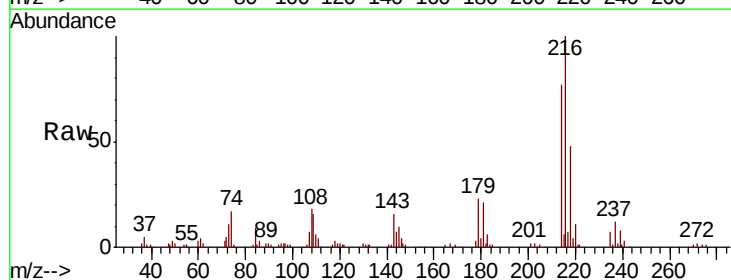


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

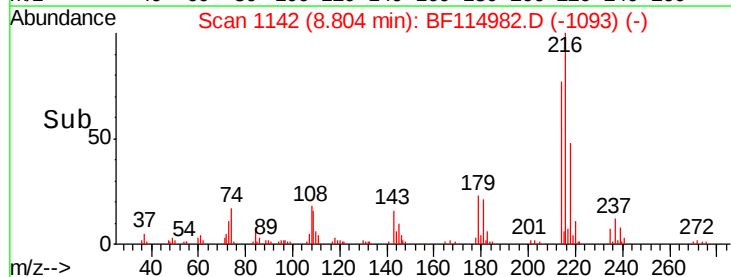
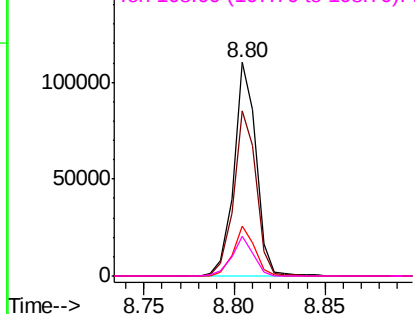


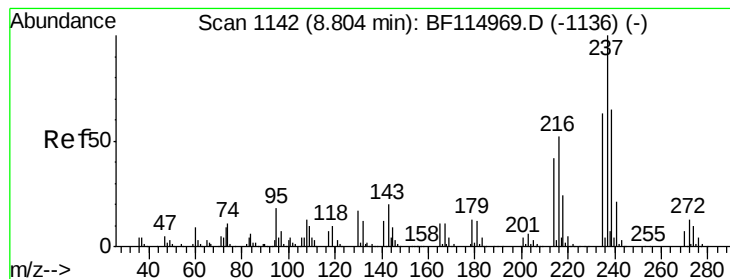
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.703 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:216 Resp: 93936
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 22.2 18.2 27.4
108 17.9 15.0 22.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.940 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

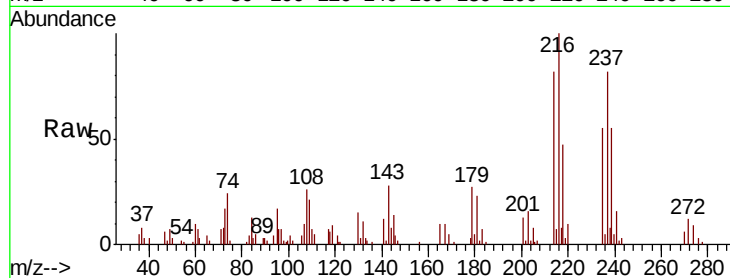
Tgt Ion: 237 Resp: 23858

Ion Ratio Lower Upper

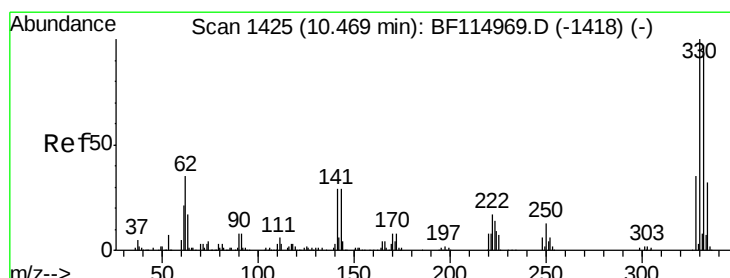
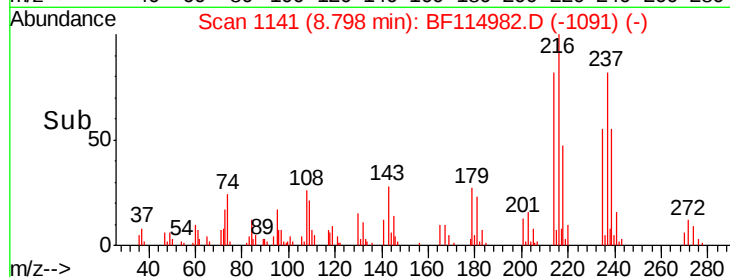
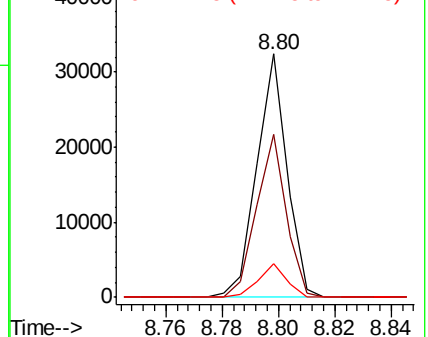
237 100

235 67.1 42.7 82.7

272 14.1 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 131.609 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

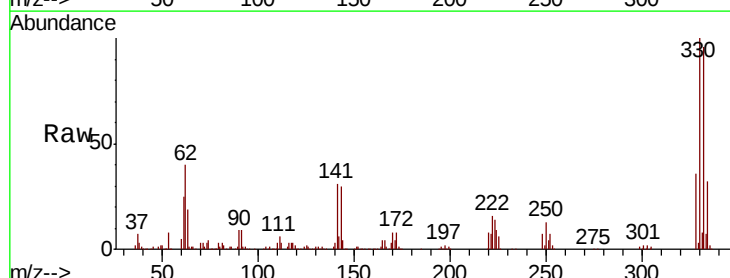
Tgt Ion: 330 Resp: 785687

Ion Ratio Lower Upper

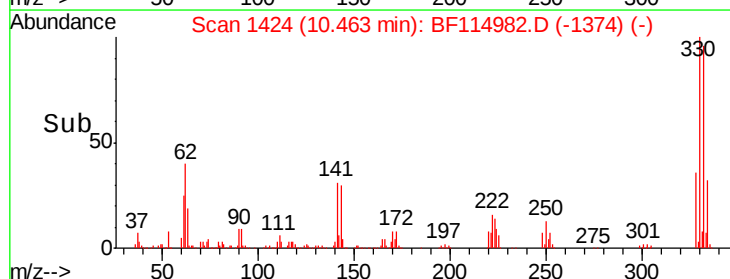
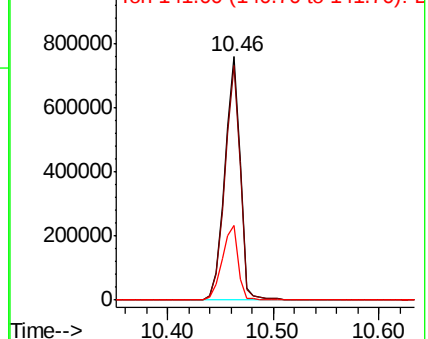
330 100

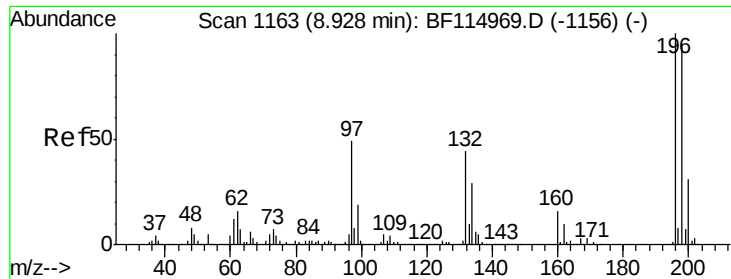
332 96.3 77.6 116.4

141 31.9 27.2 40.8



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

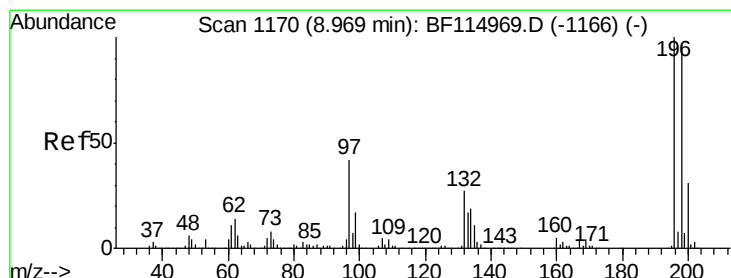
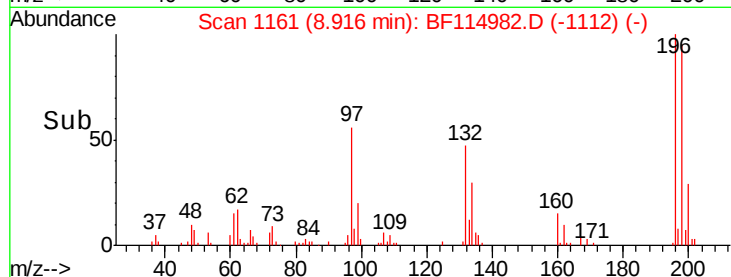
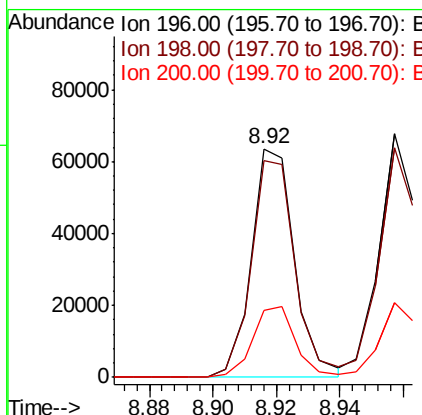
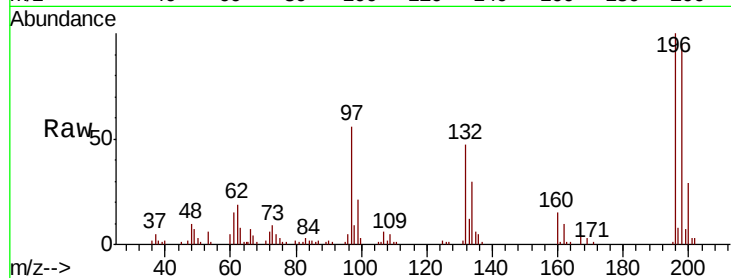




#43
 2,4,6-Trichlorophenol
 Concen: 4.877 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

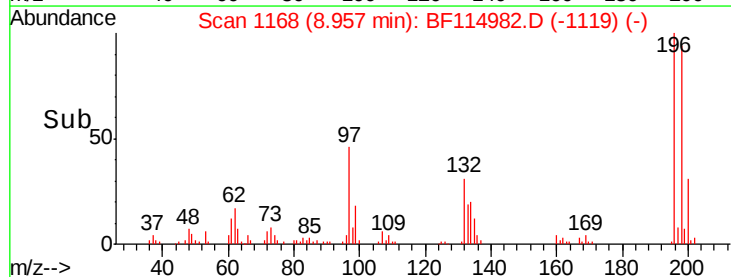
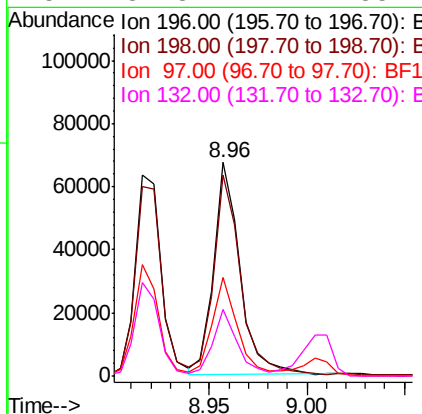
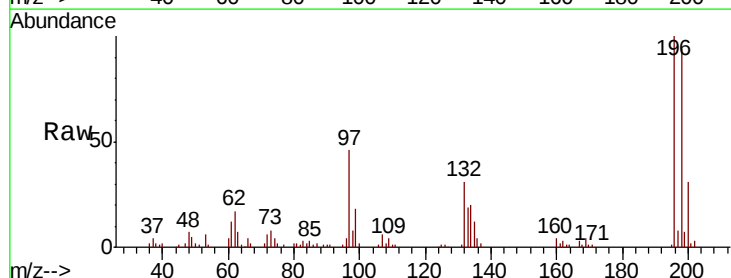
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

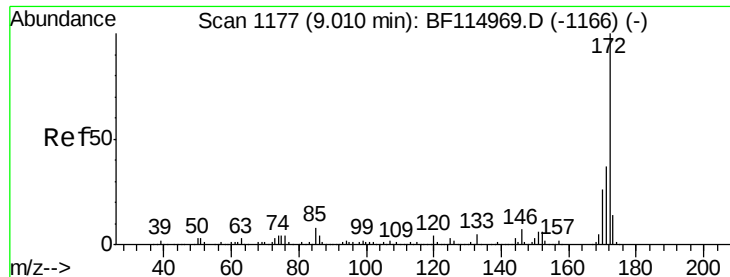
Tgt Ion:196 Resp: 60000
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.8 113.8
 200 29.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 5.086 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:196 Resp: 63227
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.3 115.9
 97 46.1 34.2 51.4
 132 31.3 22.1 33.1

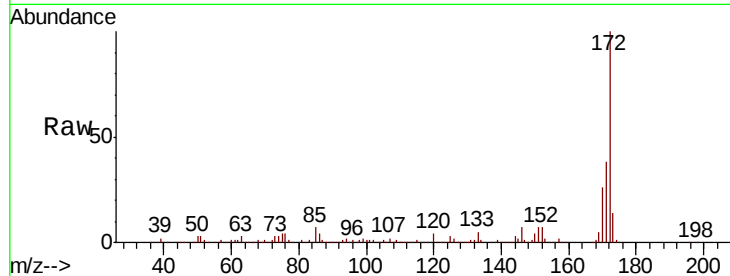




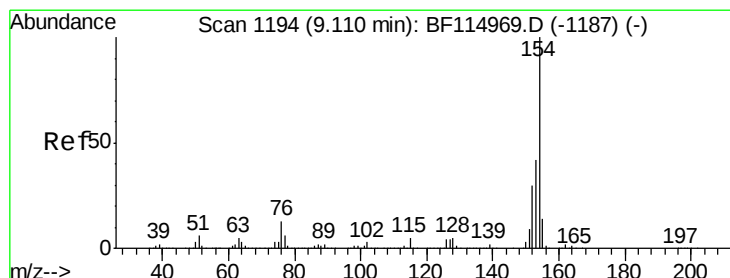
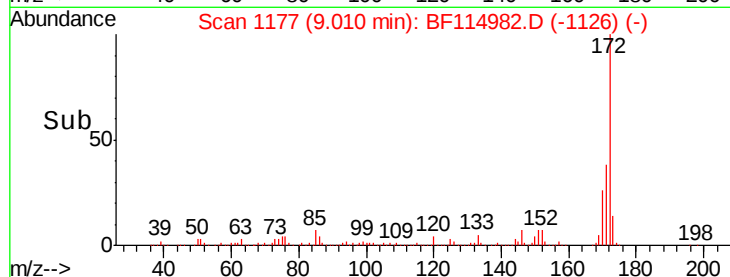
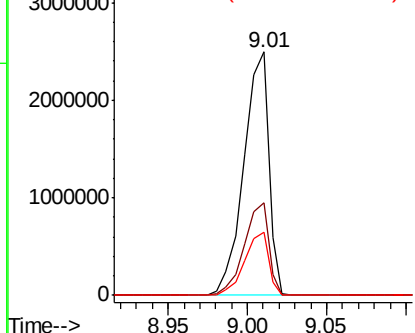
#45
 2-Fluorobiphenyl
 Concen: 83.235 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion:172 Resp: 2737846
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.6
 170 26.1 20.6 31.0

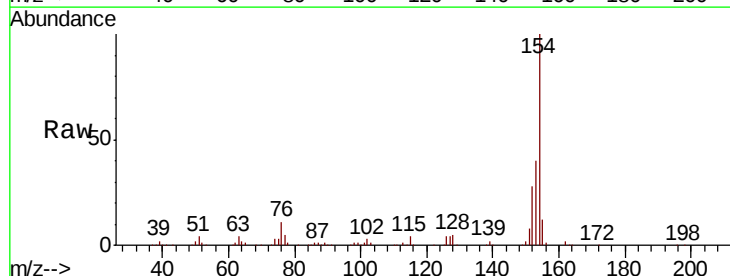


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

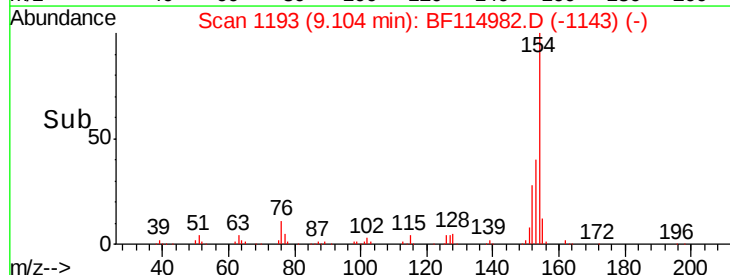
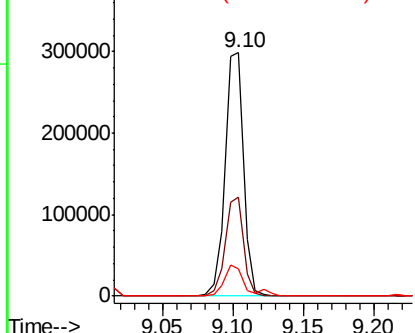


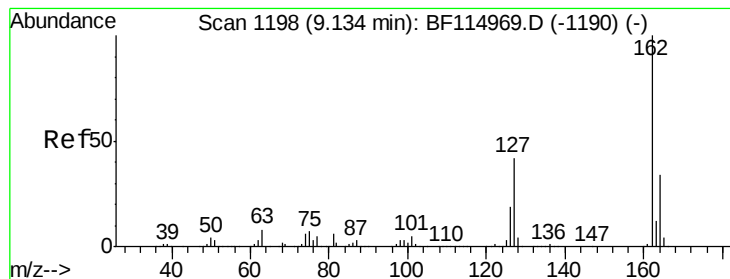
#46
 1,1'-Biphenyl
 Concen: 6.089 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:154 Resp: 271996
 Ion Ratio Lower Upper
 154 100
 153 40.4 22.4 62.4
 76 11.2 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 5.625 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

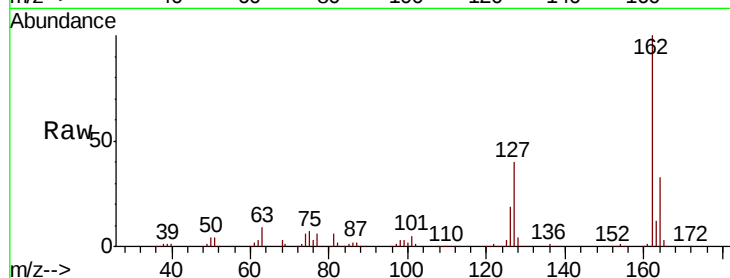
Tgt Ion: 162 Resp: 203207

Ion Ratio Lower Upper

162 100

127 40.2 33.4 50.2

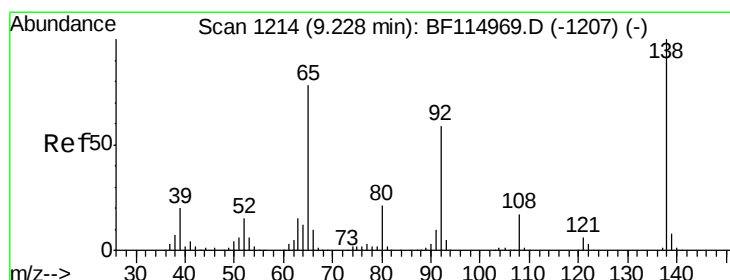
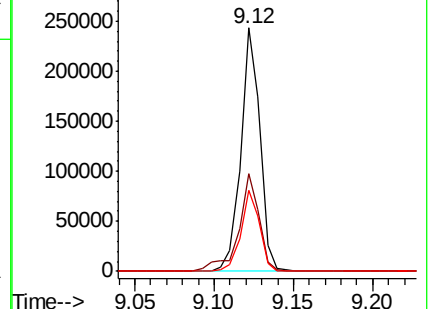
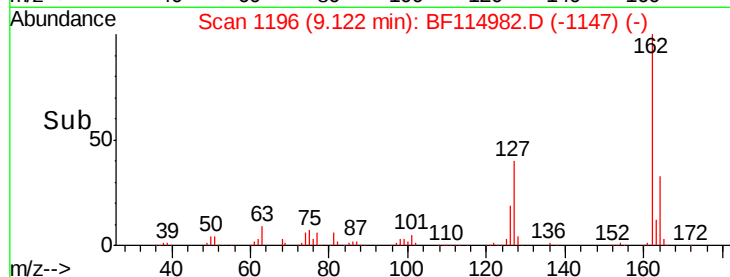
164 33.1 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 4.813 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

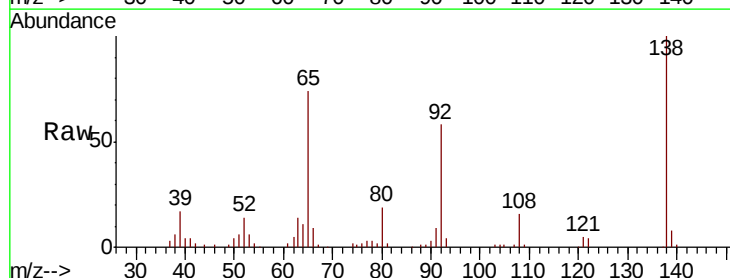
Tgt Ion: 65 Resp: 51389

Ion Ratio Lower Upper

65 100

92 78.9 60.5 90.7

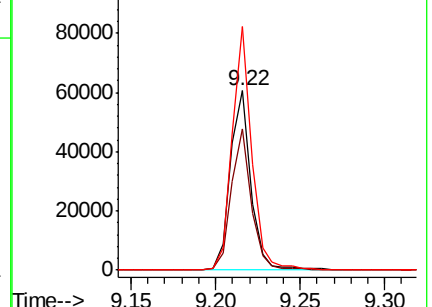
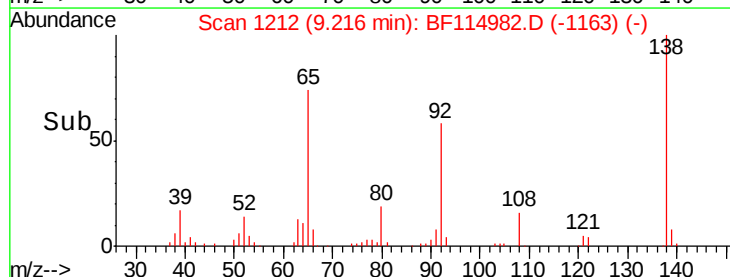
138 135.9 102.0 153.0

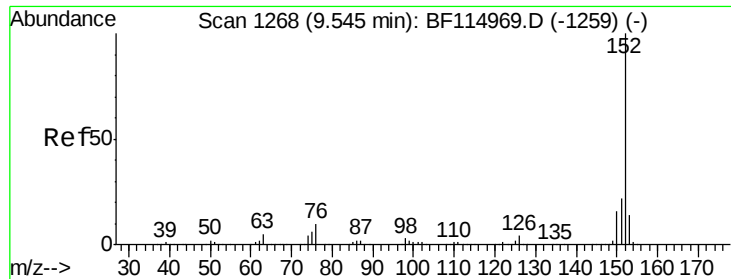


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 6.004 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

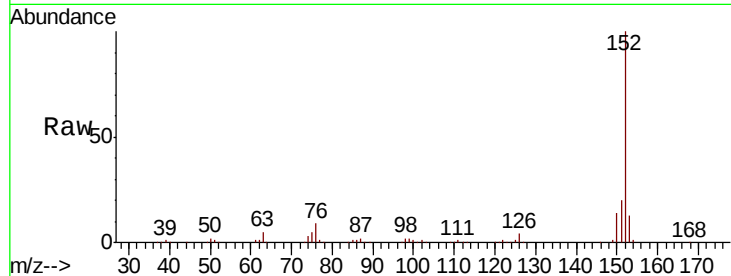
Tgt Ion:152 Resp: 333454

Ion Ratio Lower Upper

152 100

151 20.0 17.5 26.3

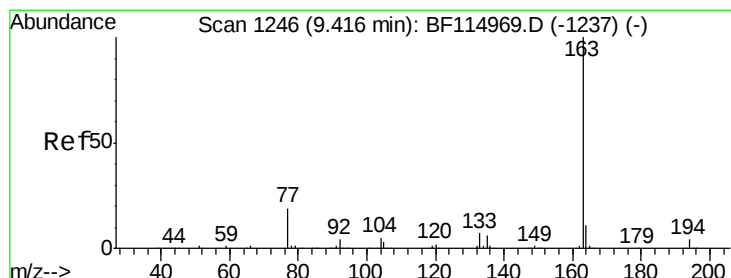
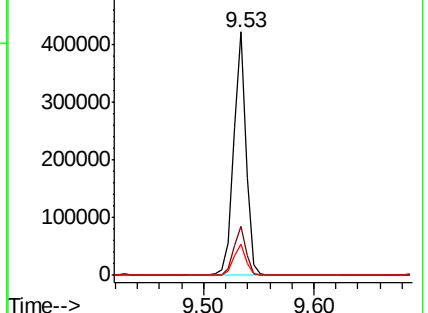
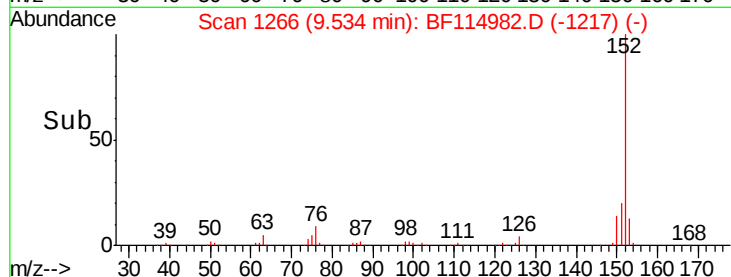
153 13.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.499 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

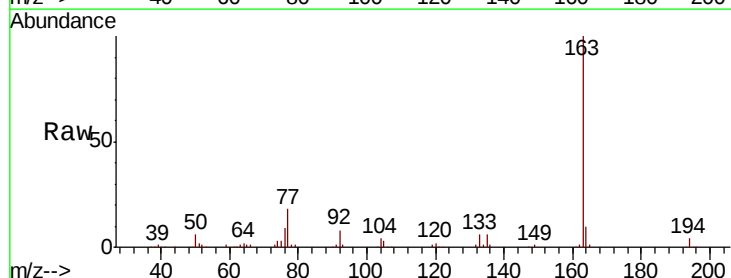
Tgt Ion:163 Resp: 230557

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

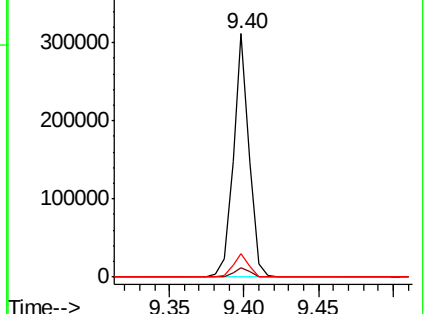
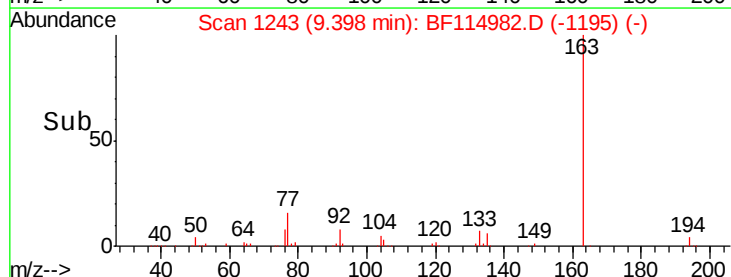
164 9.5 8.6 12.8

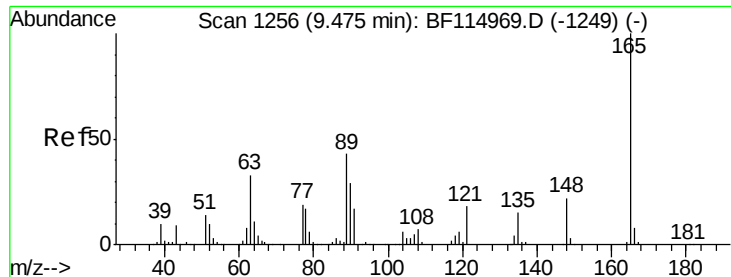


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

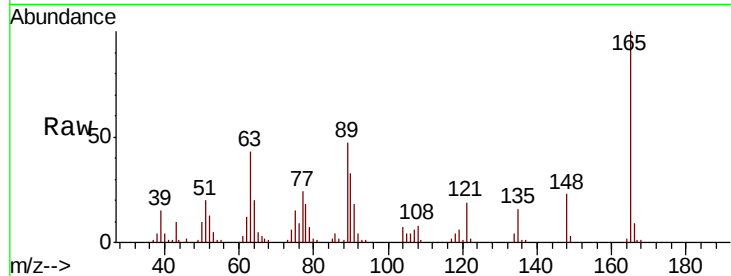




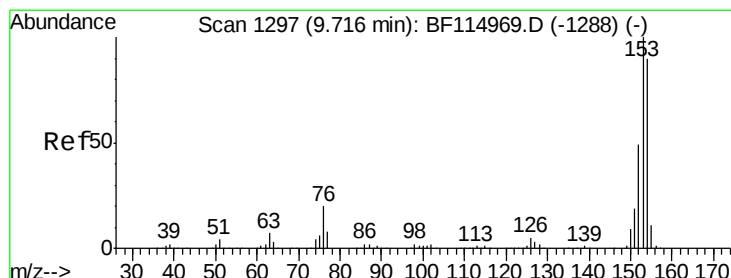
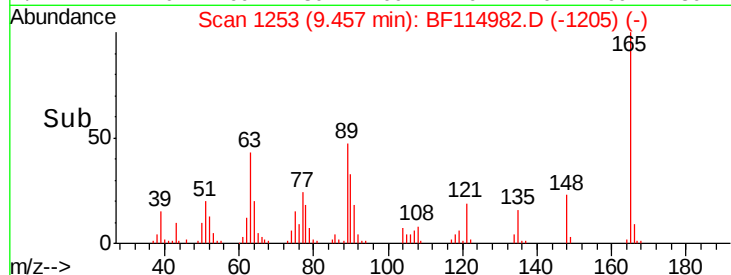
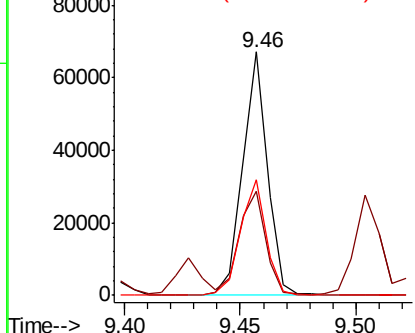
#51
2,6-Dinitrotoluene
Concen: 5.305 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:165 Resp: 50452
Ion Ratio Lower Upper
165 100
63 43.0 30.6 46.0
89 47.4 34.4 51.6

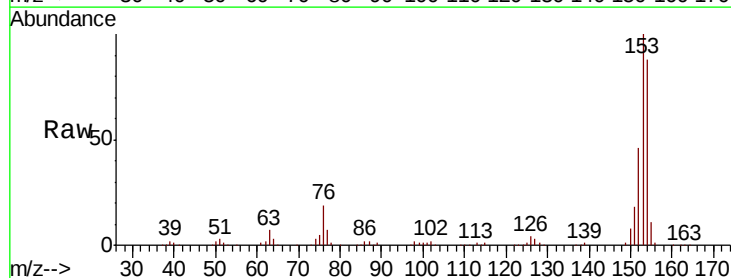


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

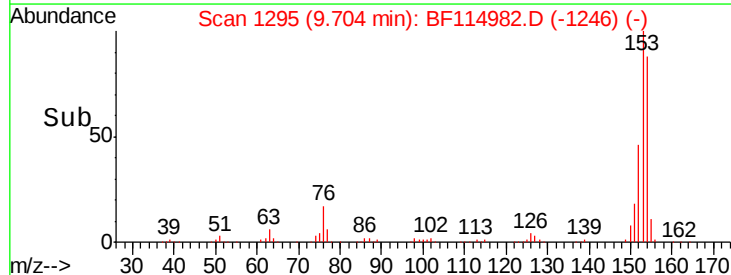
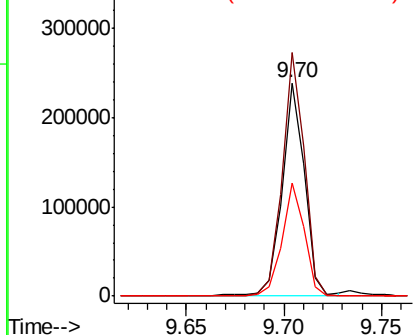


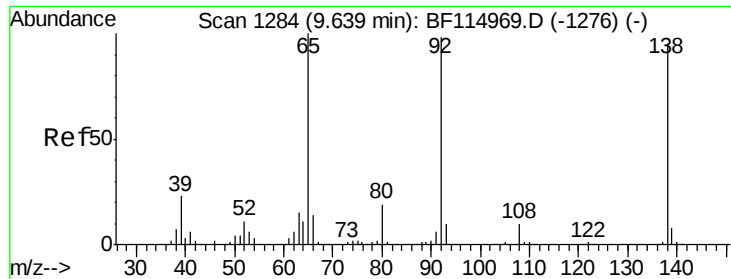
#52
Acenaphthene
Concen: 5.995 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:154 Resp: 190491
Ion Ratio Lower Upper
154 100
153 114.2 88.5 132.7
152 52.9 43.6 65.4



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

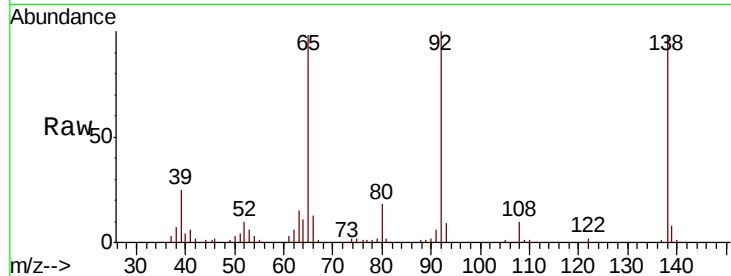




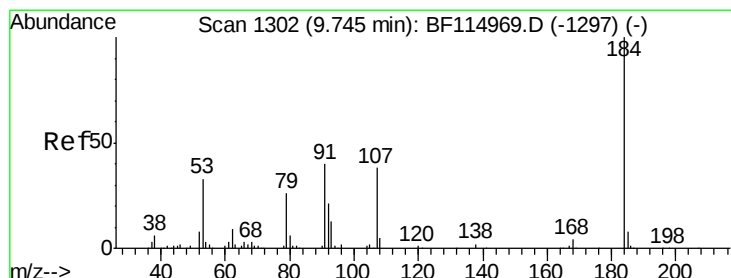
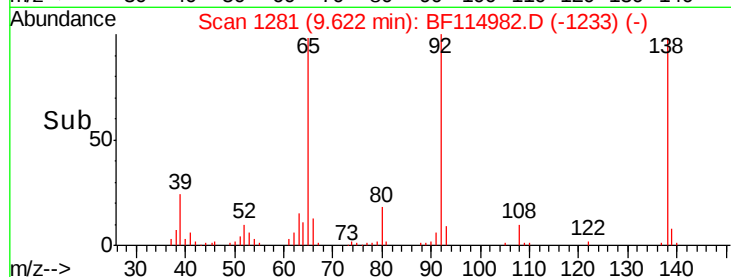
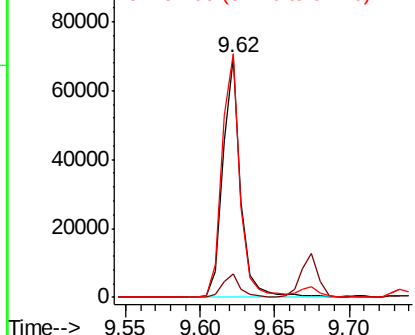
#53
3-Nitroaniline
Concen: 4.997 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:138 Resp: 58222
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 101.7 82.4 123.6

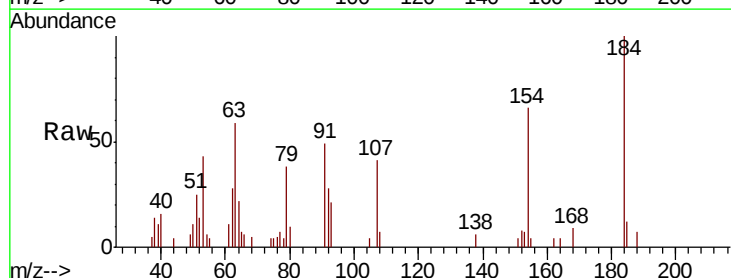


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

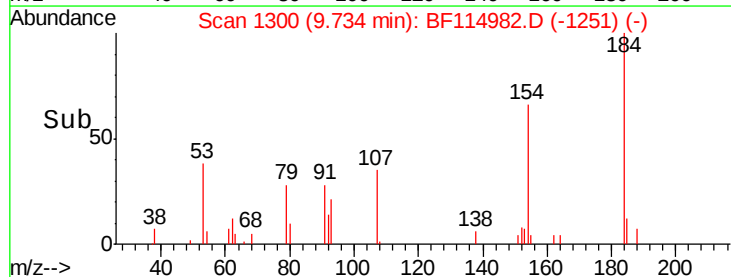
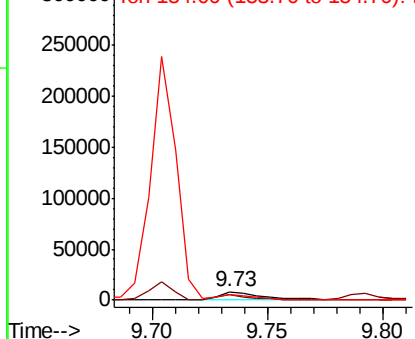


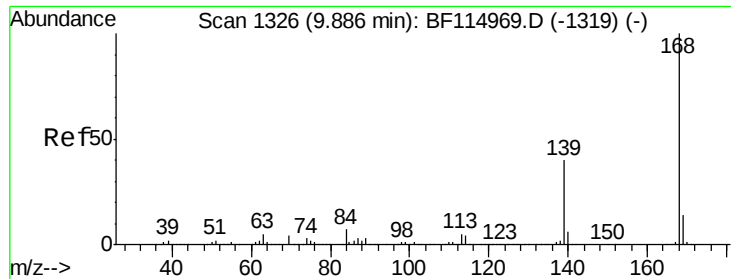
#54
2,4-Dinitrophenol
Concen: 2.307 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:184 Resp: 10640
Ion Ratio Lower Upper
184 100
63 58.7 40.5 60.7
154 66.2 44.8 67.2



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

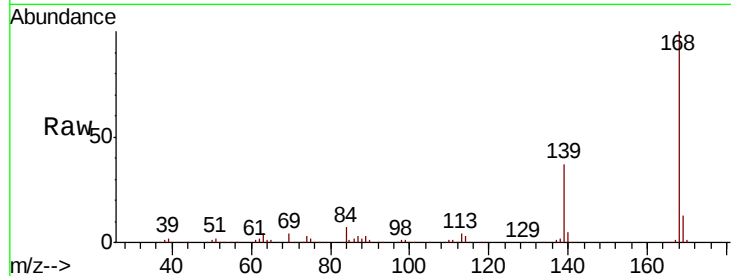




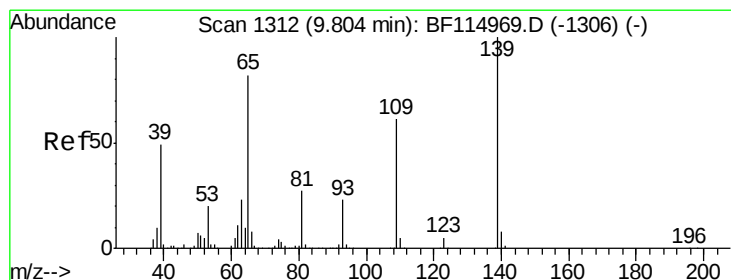
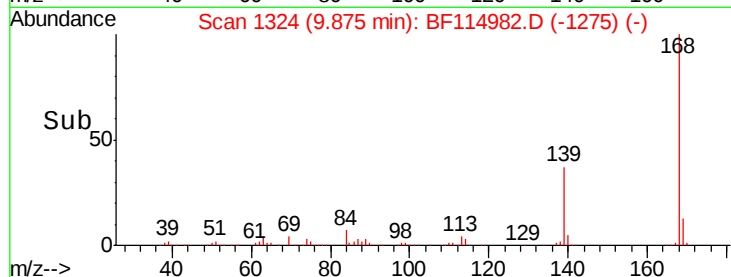
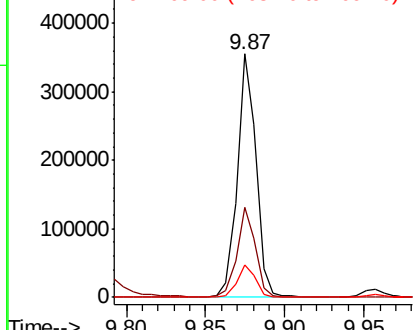
#55
Dibenzenofuran
Concen: 6.061 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:168 Resp: 290298
Ion Ratio Lower Upper
168 100
139 37.2 32.5 48.7
169 13.1 11.5 17.3

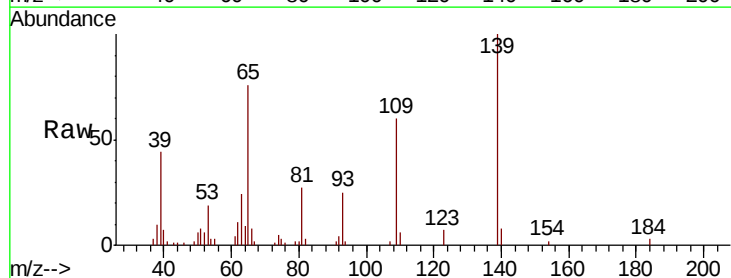


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

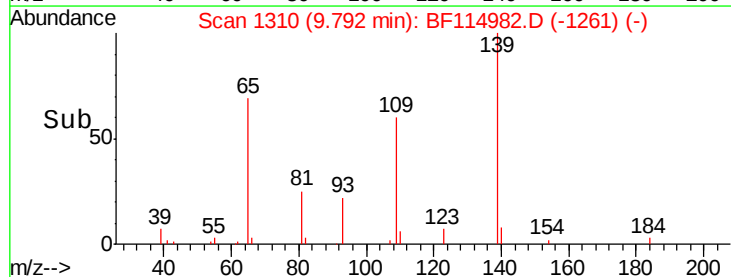
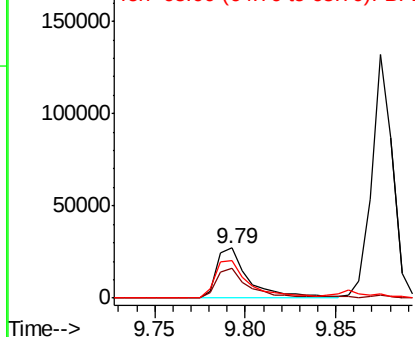


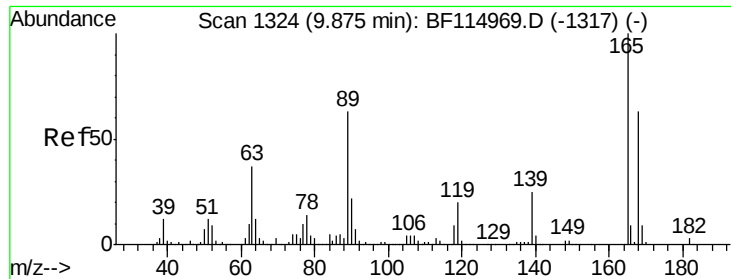
#56
4-Nitrophenol
Concen: 4.232 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:139 Resp: 34003
Ion Ratio Lower Upper
139 100
109 59.8 41.4 81.4
65 75.5 62.7 102.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

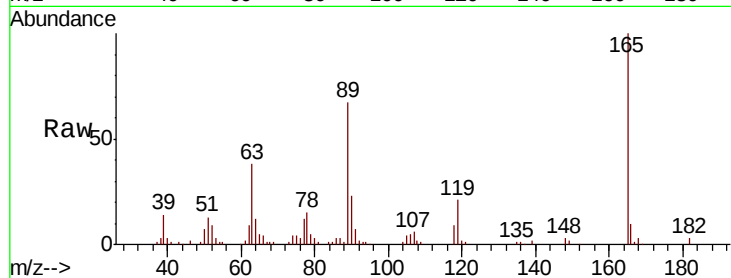




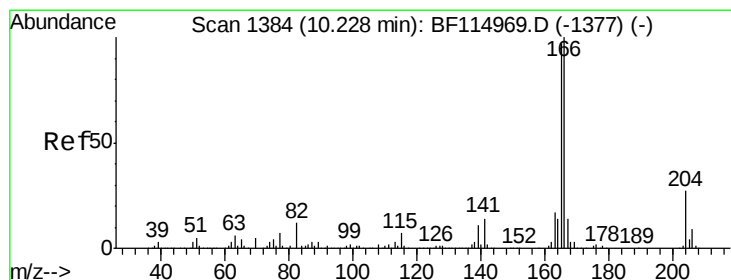
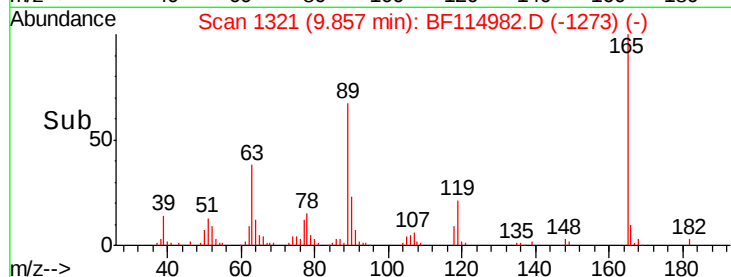
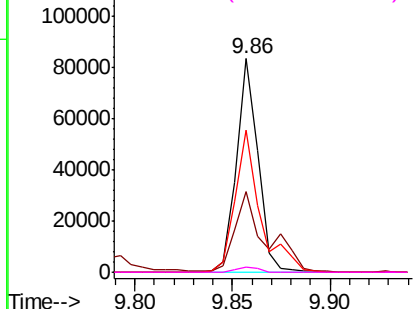
#57
 2,4-Dinitrotoluene
 Concen: 5.287 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	165	Resp:	63992
Ion	Ratio	Lower	Upper
165	100		
63	37.8	29.4	44.2
89	66.7	50.6	75.8
182	2.6	2.2	3.2

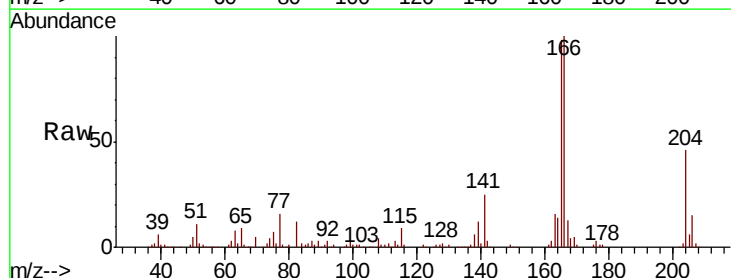


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

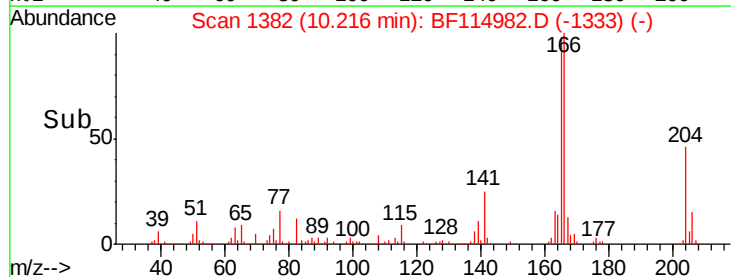
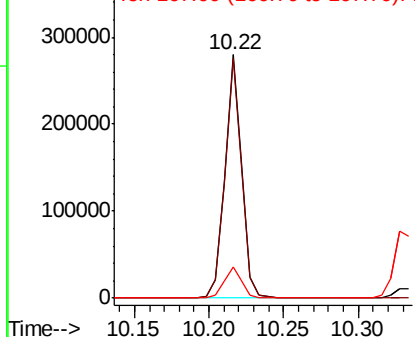


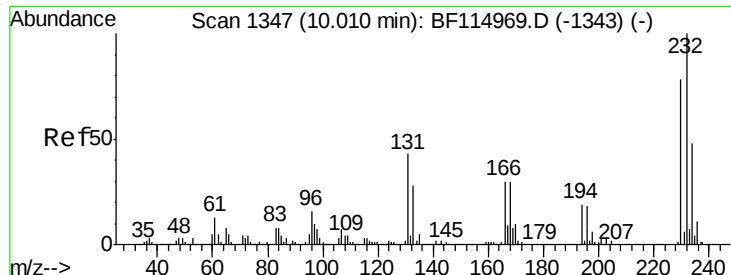
#58
 Fluorene
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:	166	Resp:	223746
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.6	116.4
167	13.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

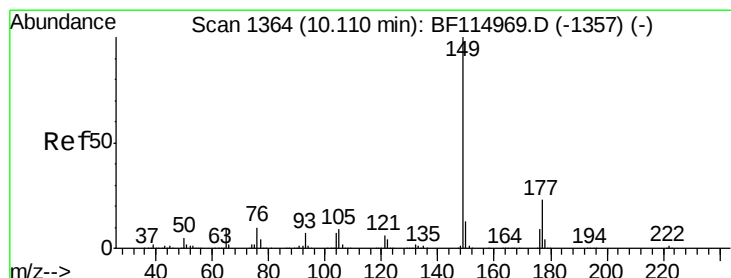
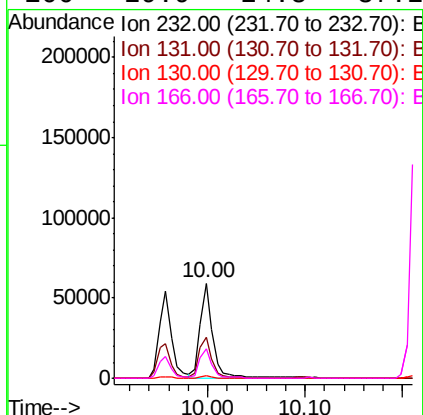
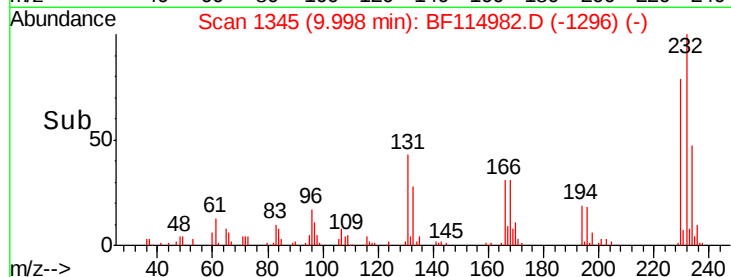
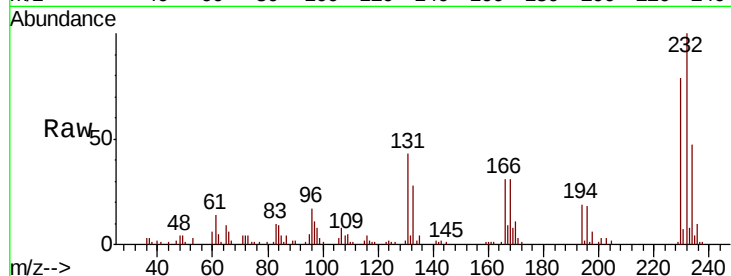




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.469 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

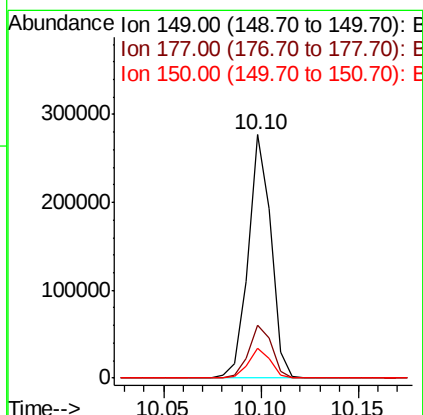
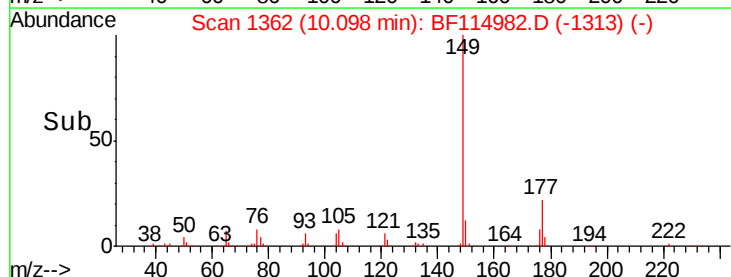
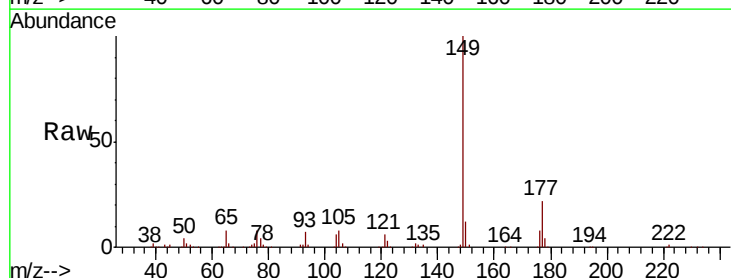
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

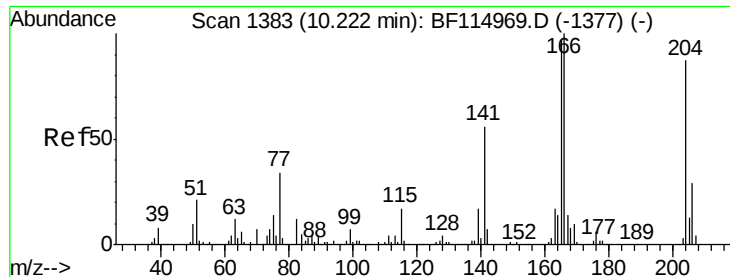
Tgt Ion: 232 Resp: 54922
Ion Ratio Lower Upper
232 100
131 44.1 36.9 55.3
130 1.8 1.8 2.6
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 5.593 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion: 149 Resp: 224220
Ion Ratio Lower Upper
149 100
177 21.9 18.6 27.8
150 12.3 10.5 15.7

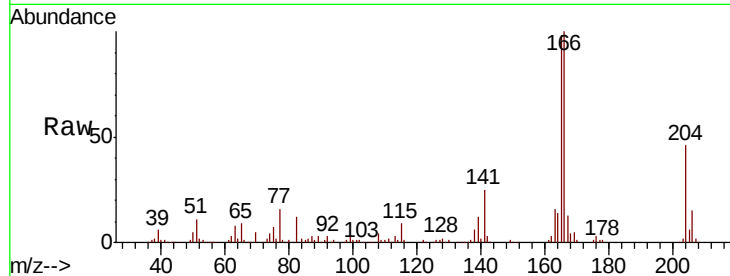




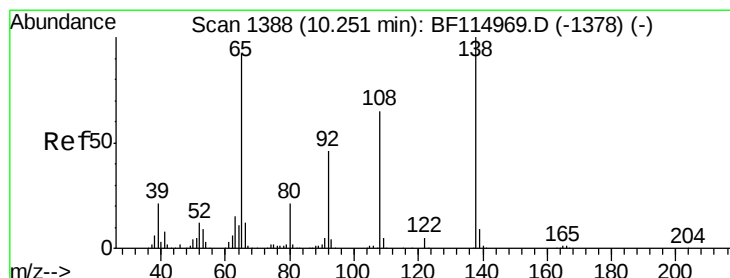
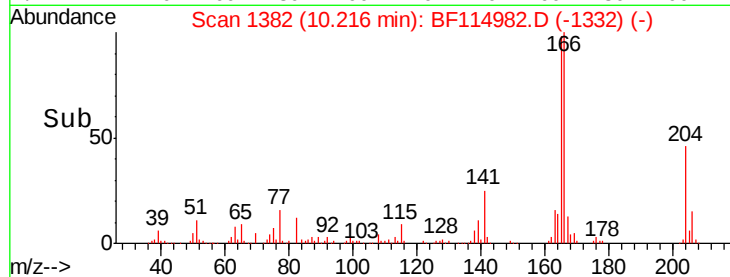
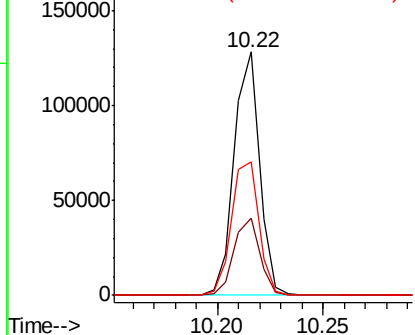
#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 204 Resp: 106448
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.5 39.7
 141 54.9 51.8 77.8

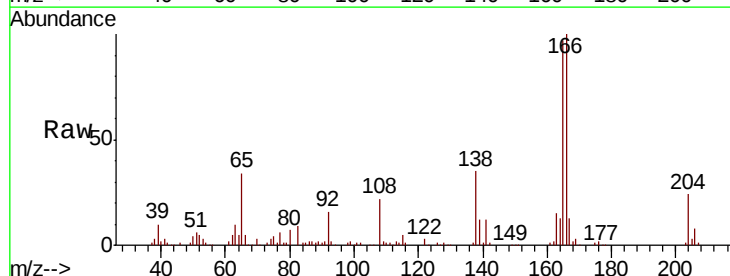


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

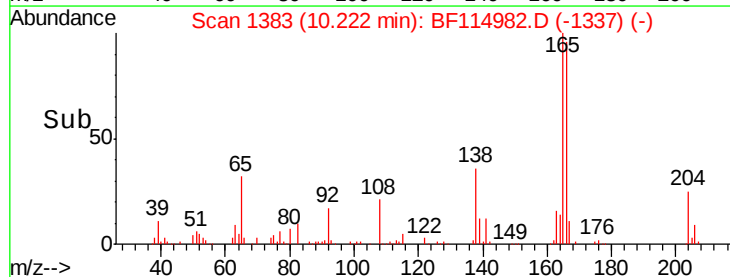
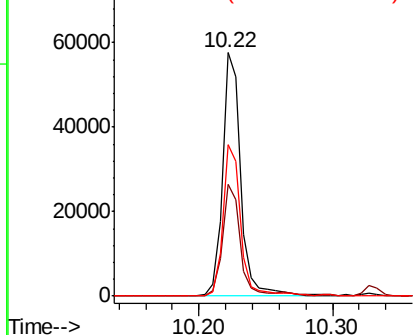


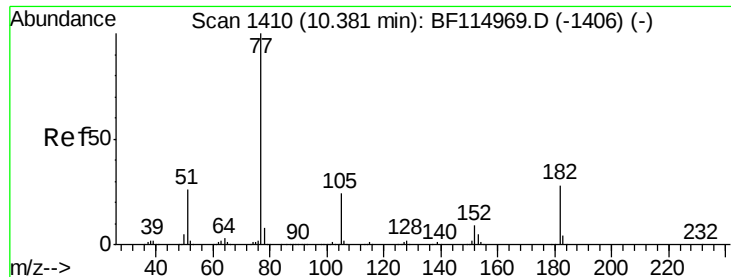
#62
 4-Nitroaniline
 Concen: 4.762 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 138 Resp: 55784
 Ion Ratio Lower Upper
 138 100
 92 46.2 25.7 65.7
 108 62.3 44.6 84.6



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

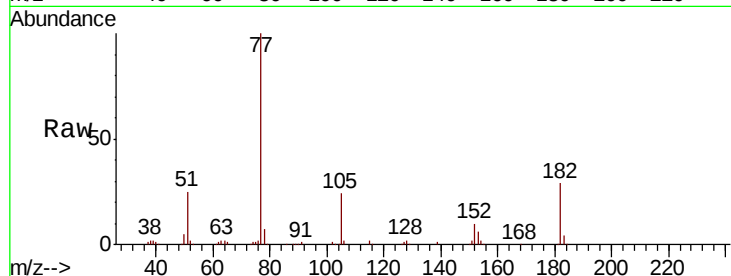




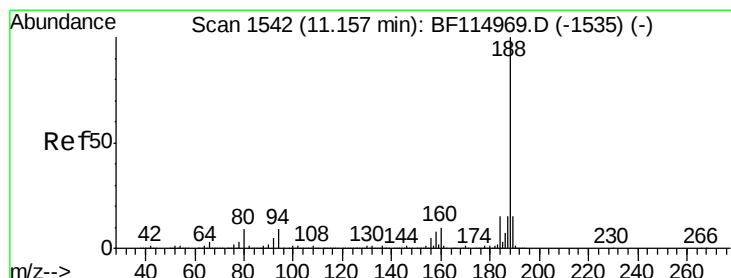
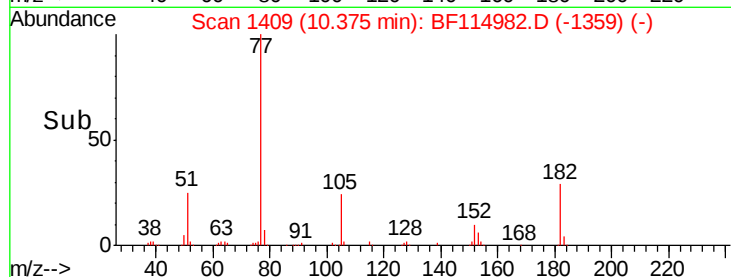
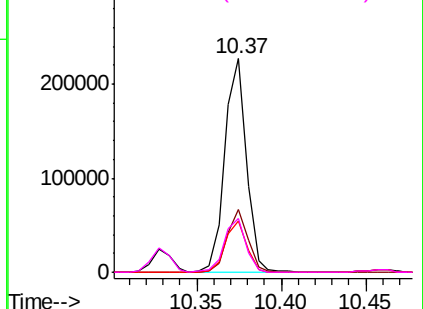
#63
Azobenzene
Concen: 5.729 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	77	Resp:	200921
Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.4	47.4
105	23.7	4.2	44.2
51	25.0	6.2	46.2

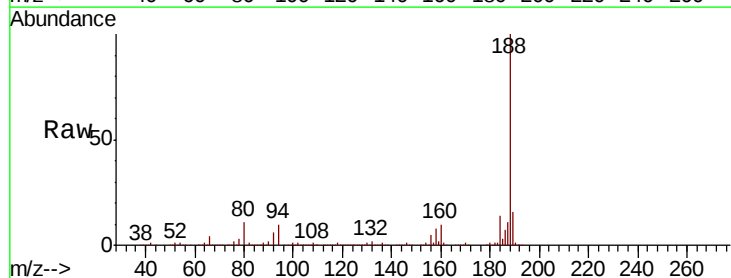


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

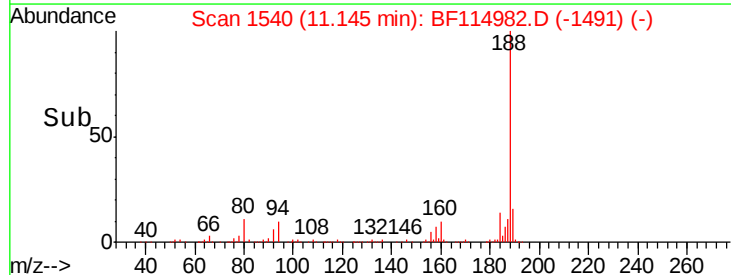
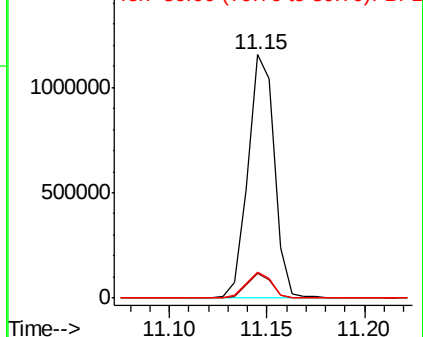


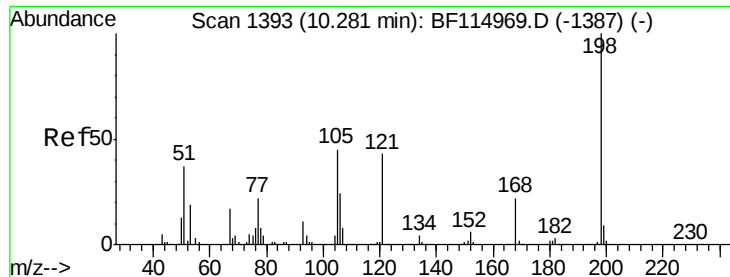
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:	188	Resp:	1080014
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.2	10.8
80	10.9	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.809 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

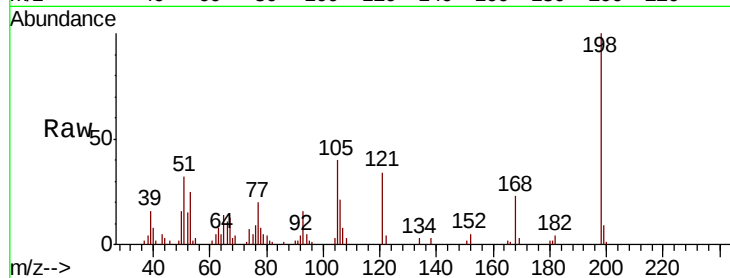
Tgt Ion:198 Resp: 23056

Ion Ratio Lower Upper

198 100

51 32.4 23.0 63.0

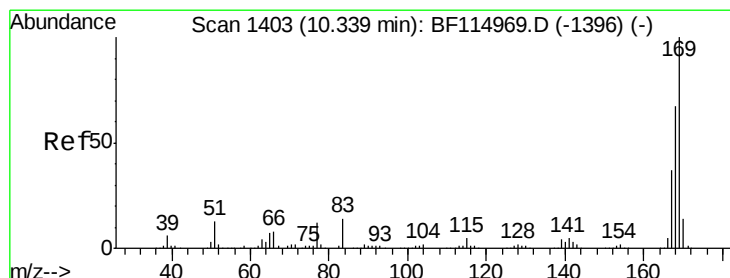
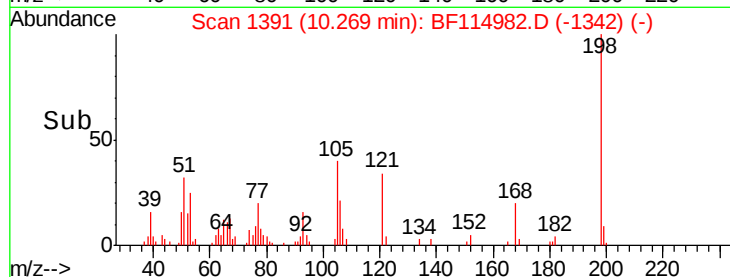
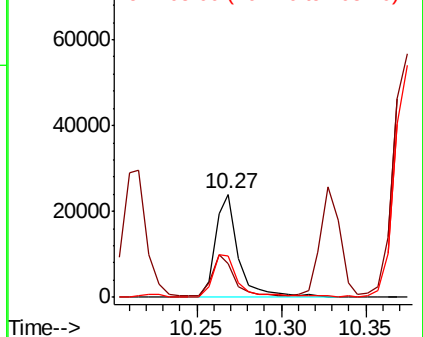
105 39.8 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.918 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

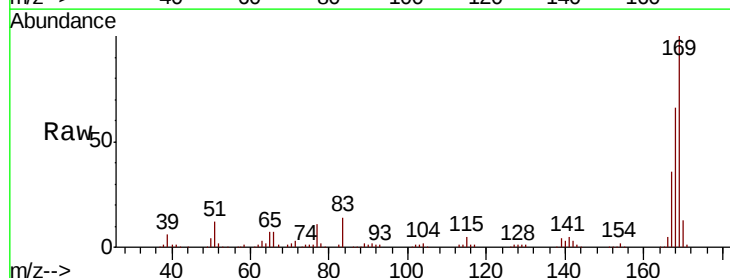
Tgt Ion:169 Resp: 191046

Ion Ratio Lower Upper

169 100

168 65.8 53.6 80.4

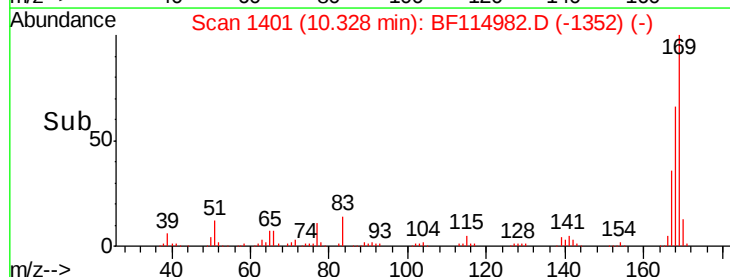
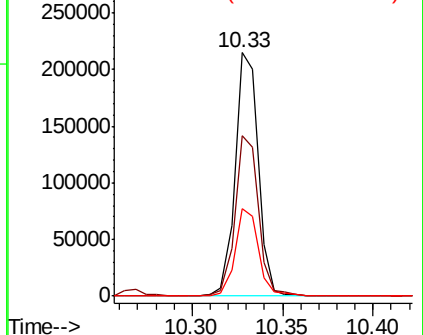
167 36.0 29.6 44.4

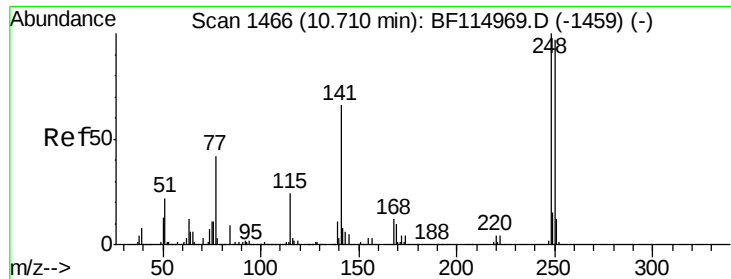


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

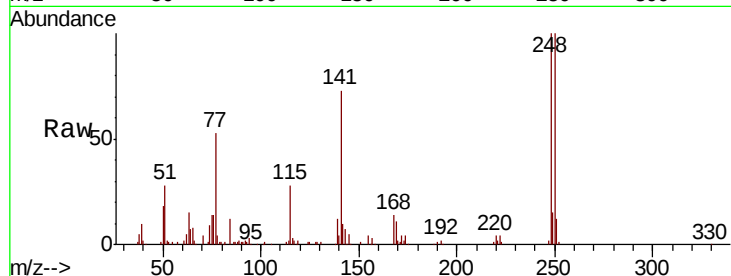




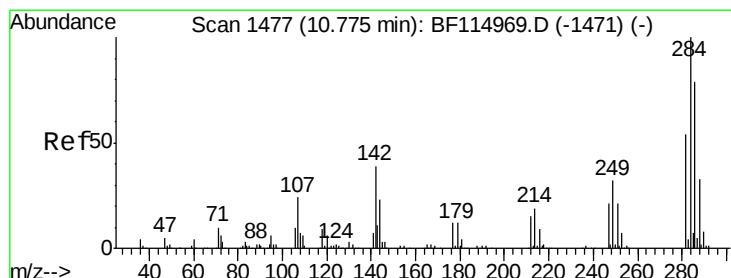
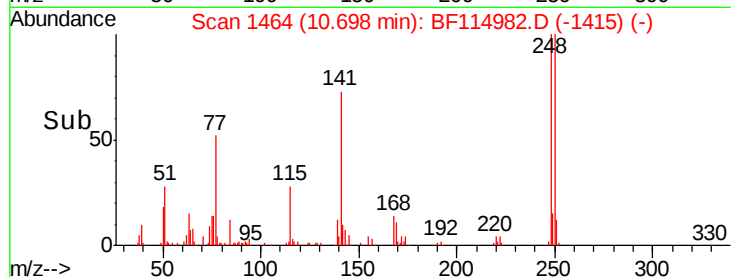
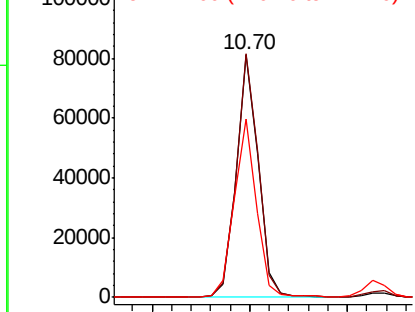
#67
4-Bromophenyl-phenylether
Concen: 5.483 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:248 Resp: 63577
Ion Ratio Lower Upper
248 100
250 100.4 77.8 116.8
141 73.8 53.1 79.7

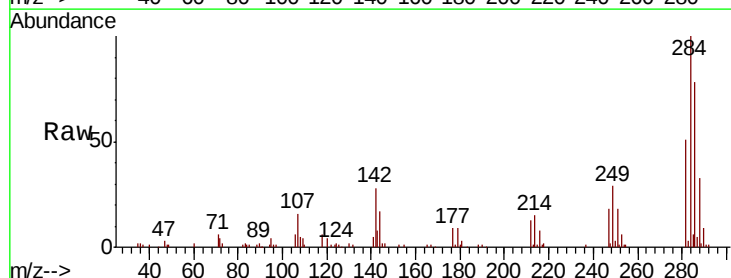


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

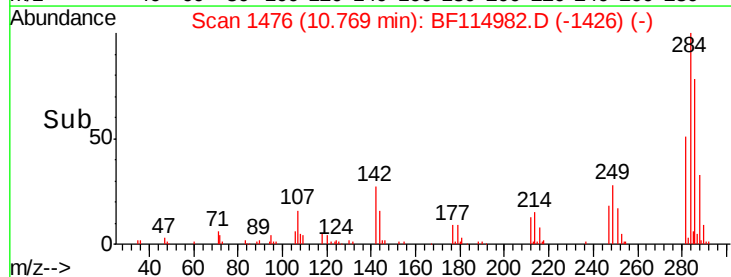
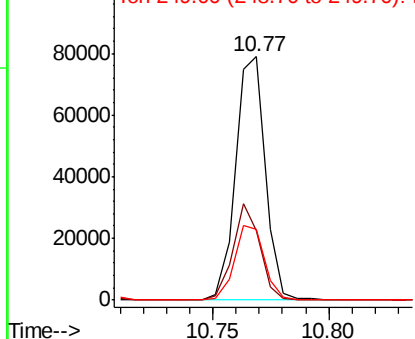


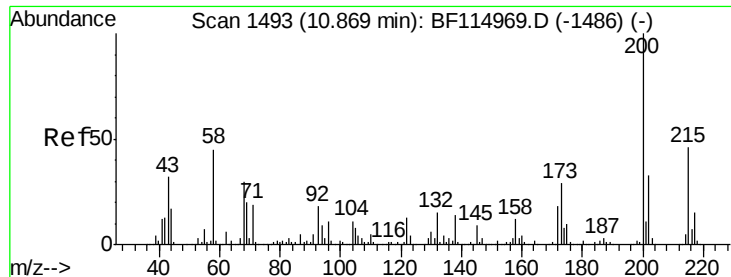
#68
Hexachlorobenzene
Concen: 5.544 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:284 Resp: 70777
Ion Ratio Lower Upper
284 100
142 28.4 31.5 47.3#
249 29.0 25.6 38.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

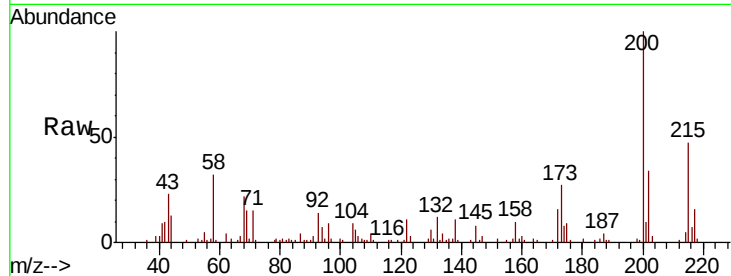




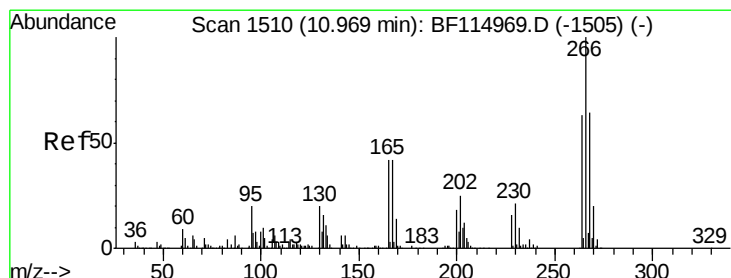
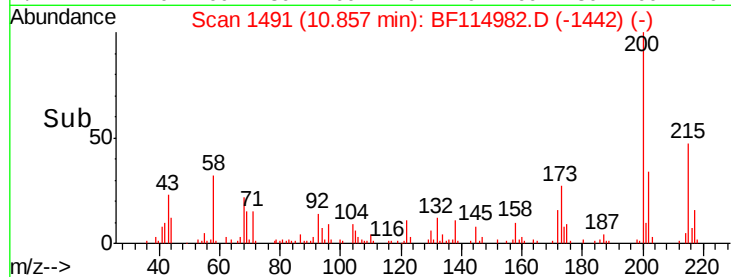
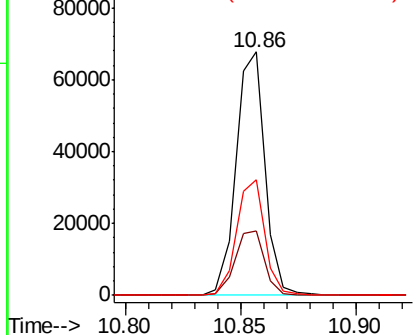
#69
Atrazine
Concen: 5.671 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:200 Resp: 59032
Ion Ratio Lower Upper
200 100
173 26.7 9.0 49.0
215 47.3 26.5 66.5

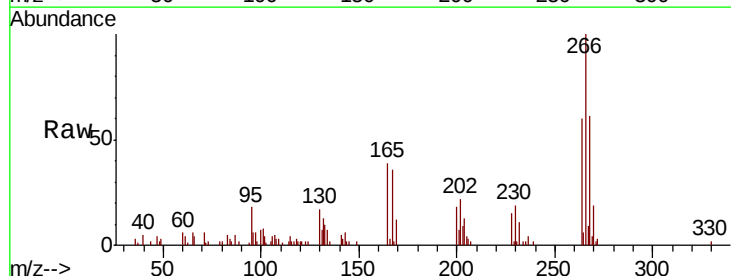


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

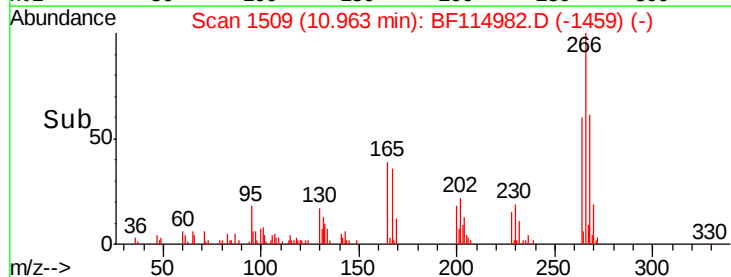
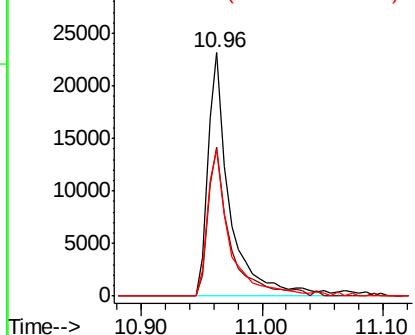


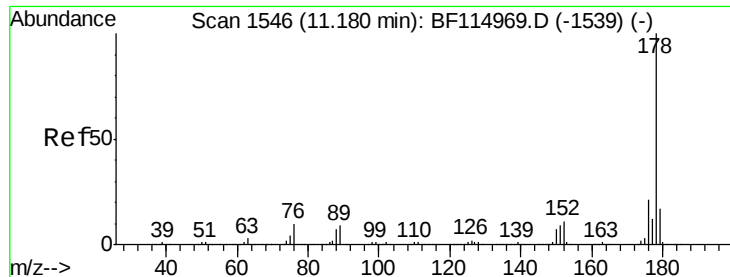
#70
Pentachlorophenol
Concen: 4.172 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:266 Resp: 28924
Ion Ratio Lower Upper
266 100
268 61.4 51.4 77.2
264 60.2 50.3 75.5



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

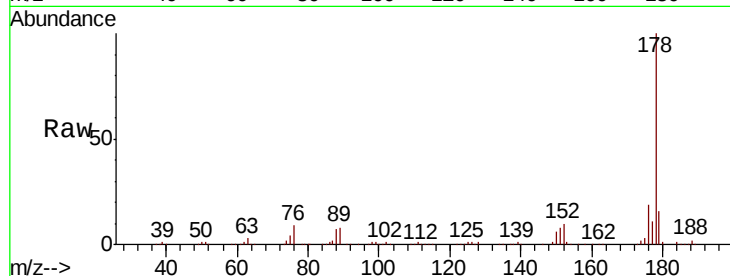




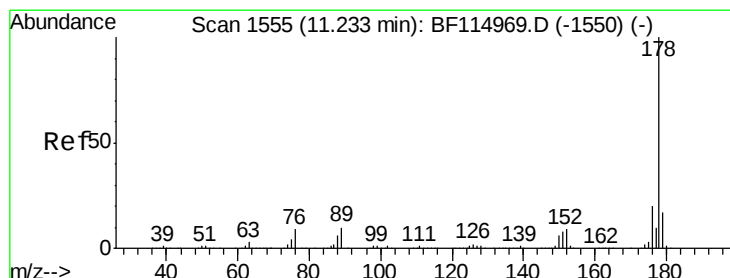
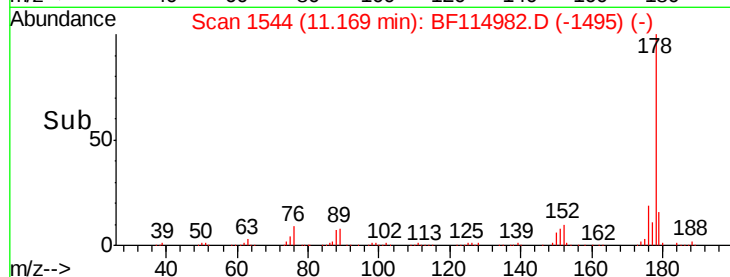
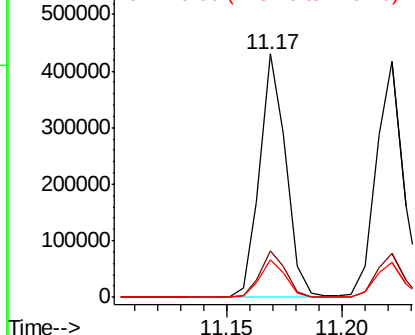
#71
Phenanthrene
Concen: 6.165 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:178 Resp: 343781
Ion Ratio Lower Upper
178 100
176 18.9 16.9 25.3
179 15.6 13.4 20.0

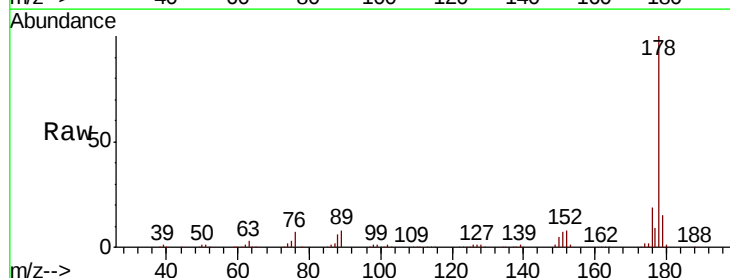


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

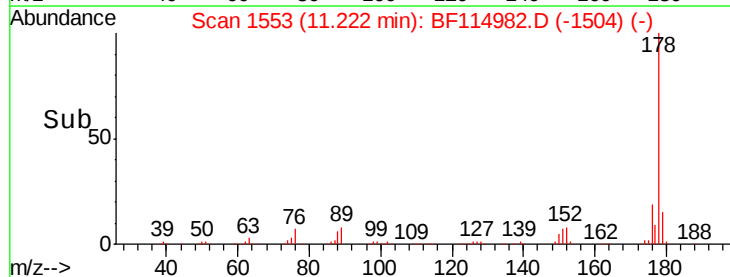
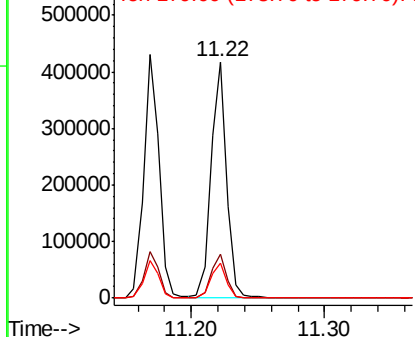


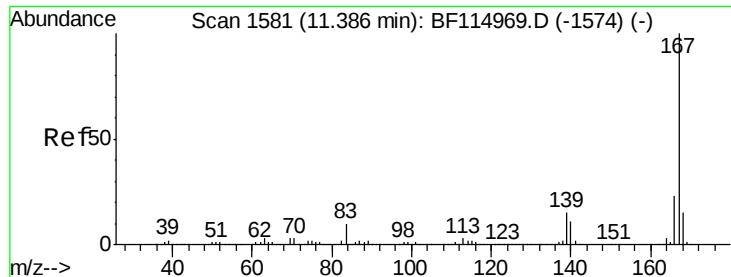
#72
Anthracene
Concen: 6.076 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:178 Resp: 341825
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.4
179 15.0 13.2 19.8



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

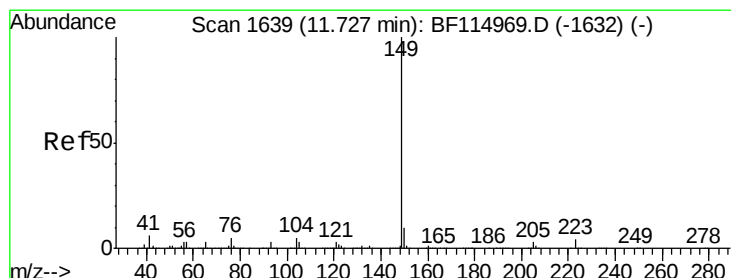
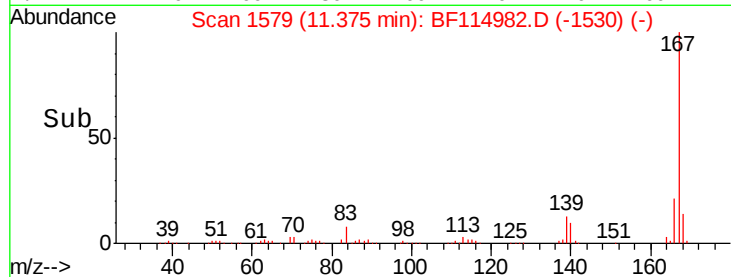
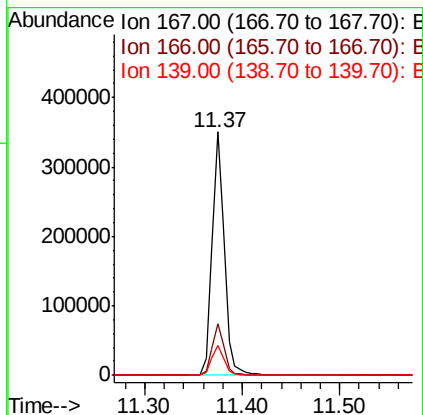
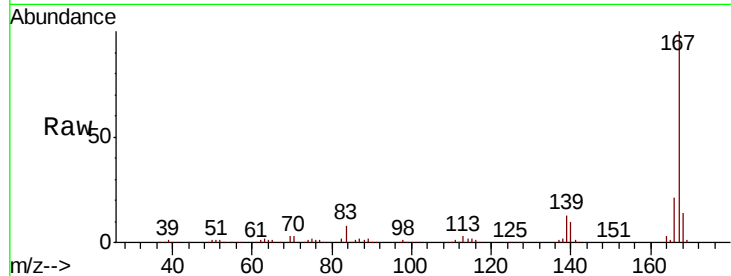




#73
 Carbazole
 Concen: 6.214 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

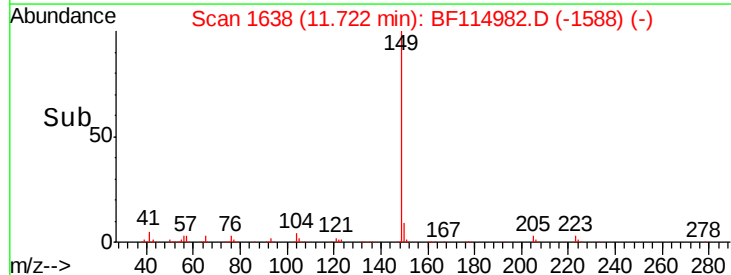
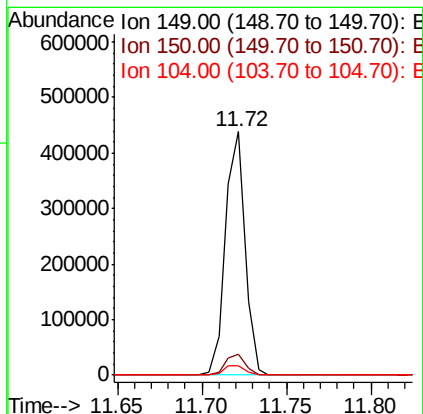
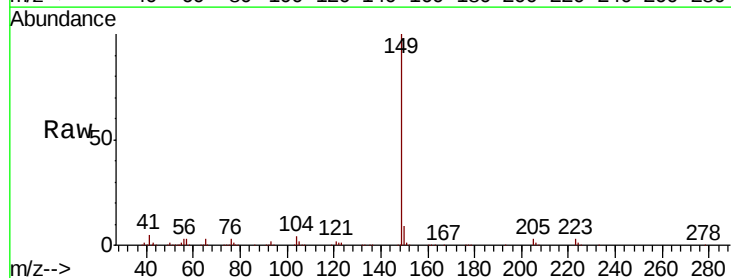
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

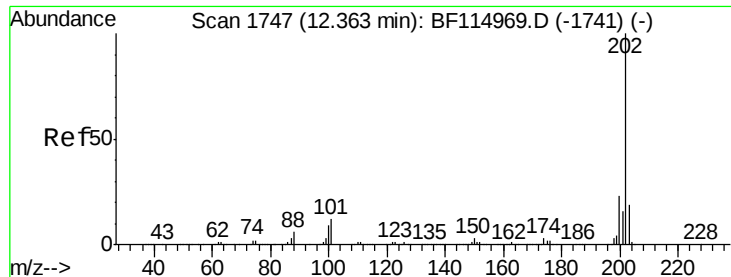
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.5	27.7
139	12.5	12.0	18.0



#74
 Di-n-butylphthalate
 Concen: 5.732 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.1	12.1
104	3.8	4.0	6.0





#75

Fluoranthene

Concen: 6.013 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

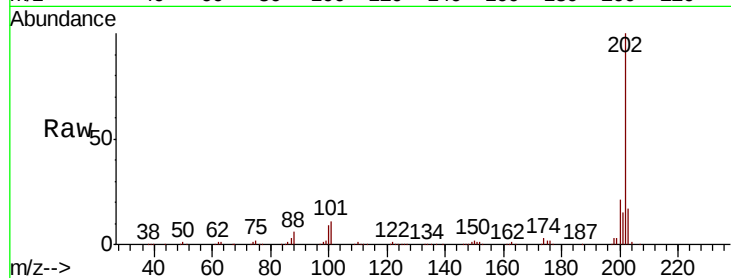
Tgt Ion: 202 Resp: 342872

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.4

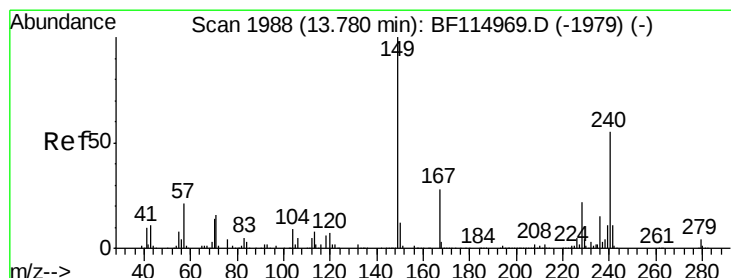
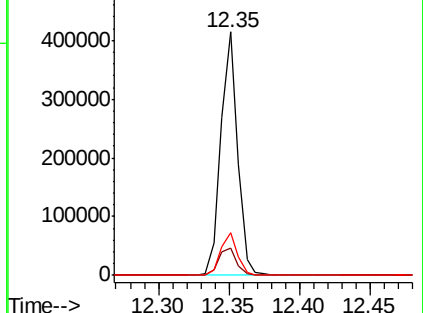
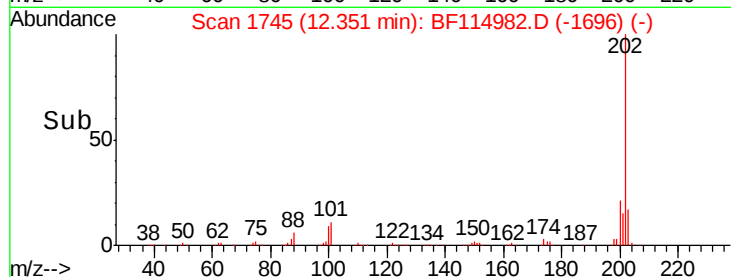
203 17.3 0.0 38.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

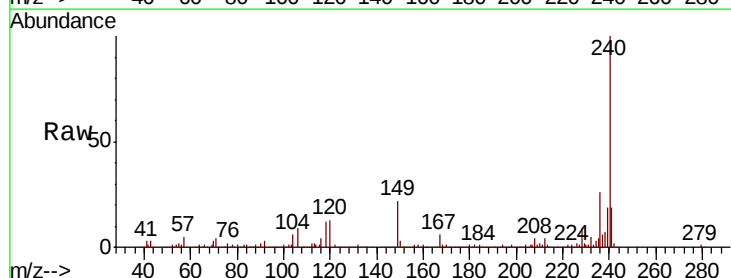
Tgt Ion: 240 Resp: 791106

Ion Ratio Lower Upper

240 100

120 13.1 10.0 15.0

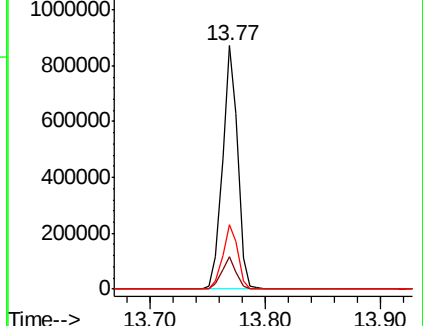
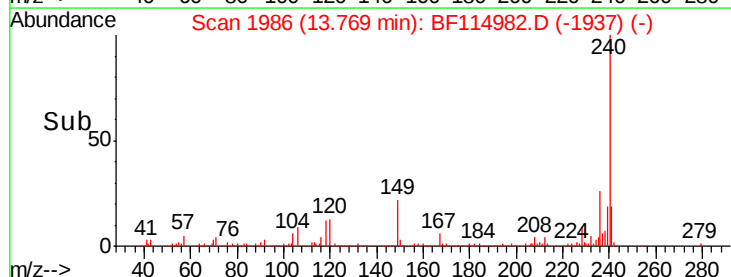
236 26.3 21.6 32.4

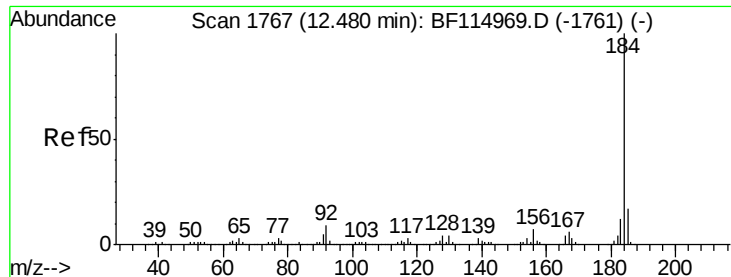


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.545 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

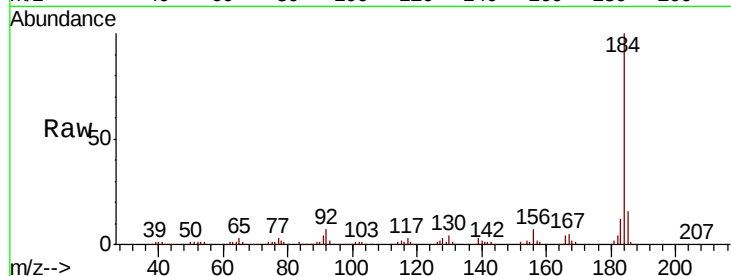
Tgt Ion:184 Resp: 145427

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

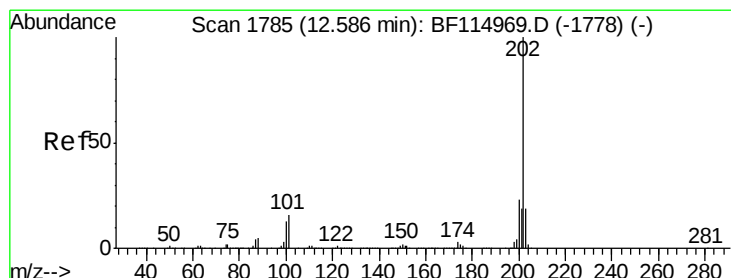
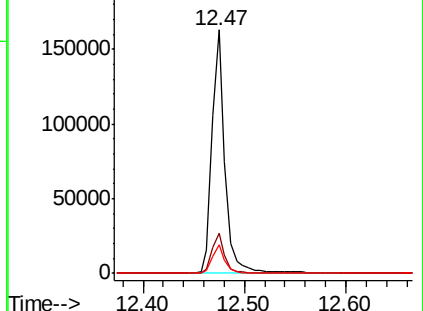
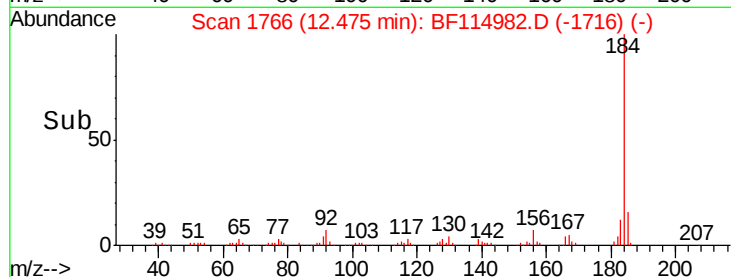
183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.857 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

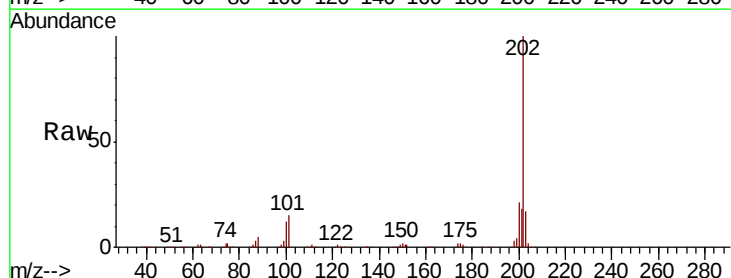
Tgt Ion:202 Resp: 350041

Ion Ratio Lower Upper

202 100

200 21.0 18.4 27.6

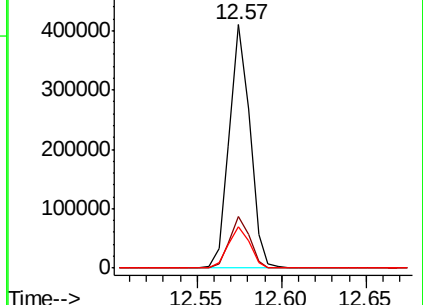
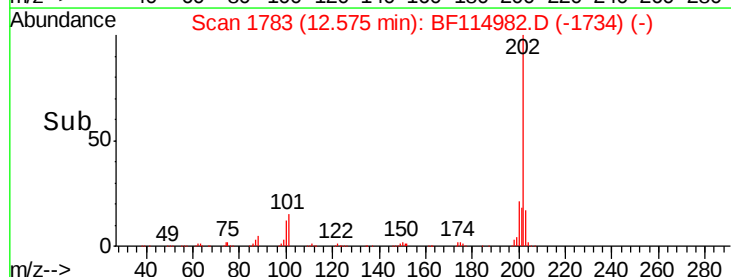
203 16.9 14.9 22.3

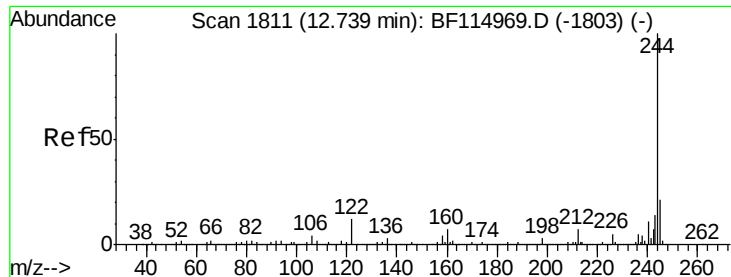


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

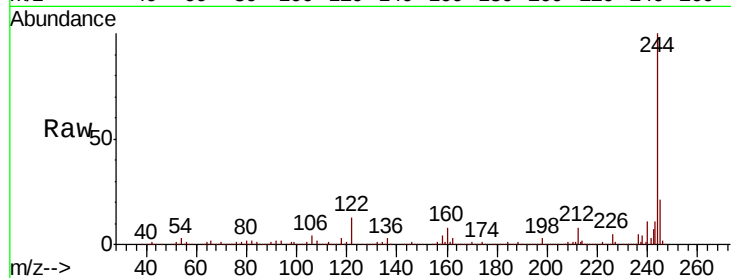




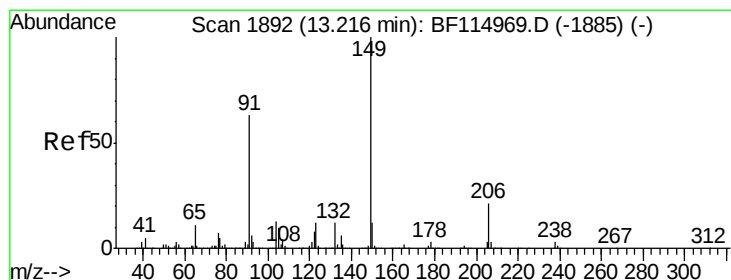
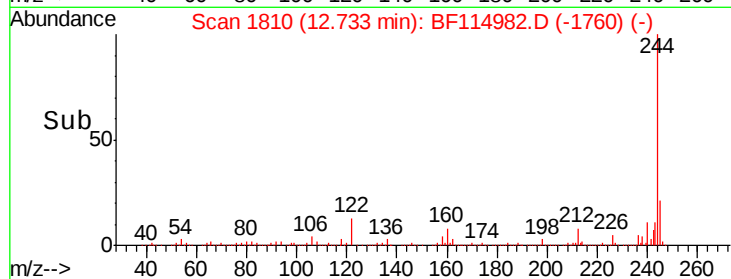
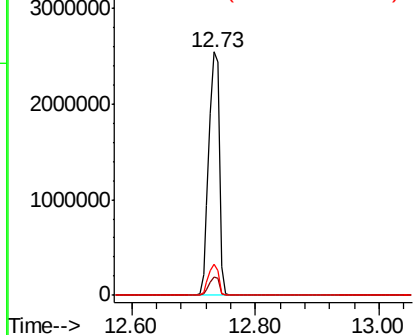
#79
 Terphenyl-d14
 Concen: 70.900 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion:244 Resp: 2982101
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.6 9.4 14.0

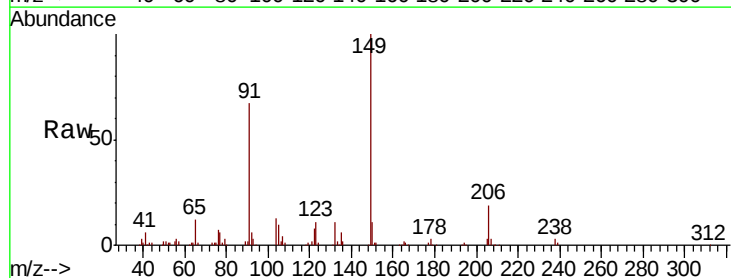


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

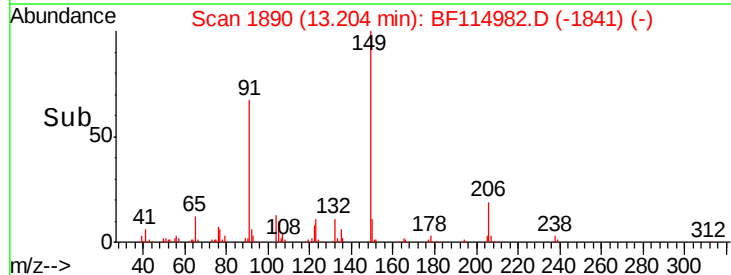
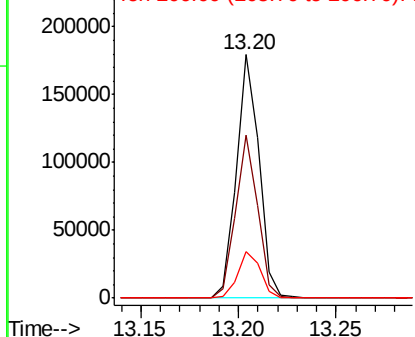


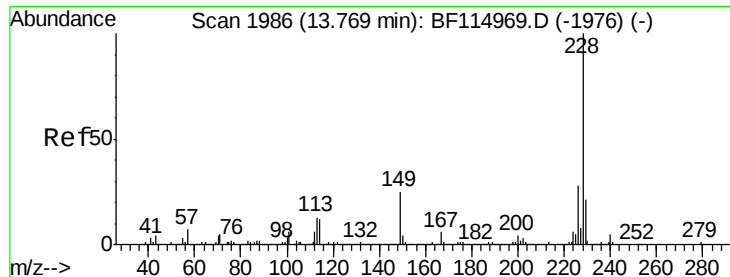
#80
 Butylbenzylphthalate
 Concen: 4.273 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BF114982.D
 Acq: 12 Jun 2019 18:37

Tgt Ion:149 Resp: 143847
 Ion Ratio Lower Upper
 149 100
 91 67.1 50.6 76.0
 206 19.0 16.7 25.1



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





#81

Benzo(a)anthracene

Concen: 5.065 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

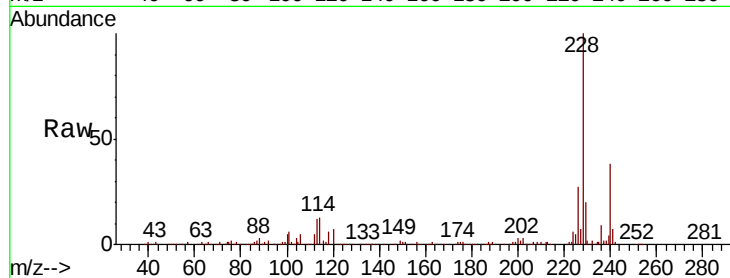
Tgt Ion:228 Resp: 299850

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

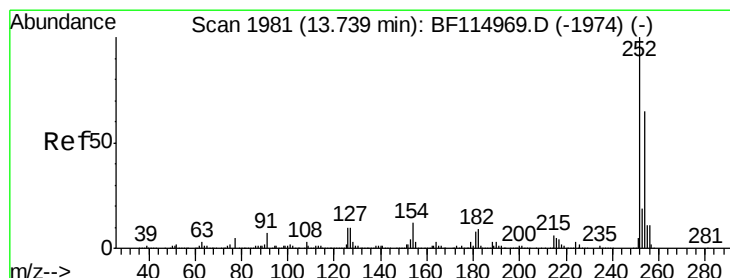
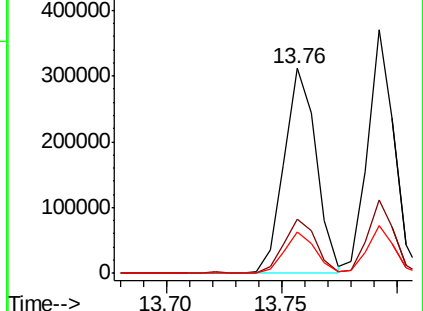
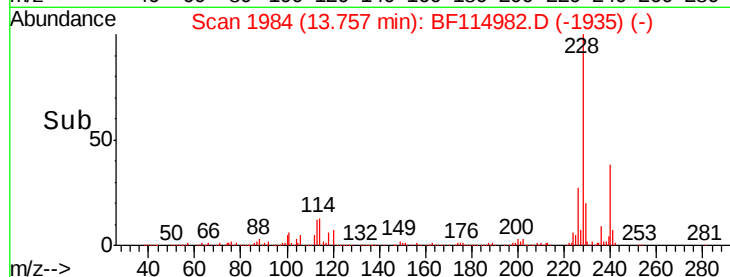
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.702 ng

RT: 13.72 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

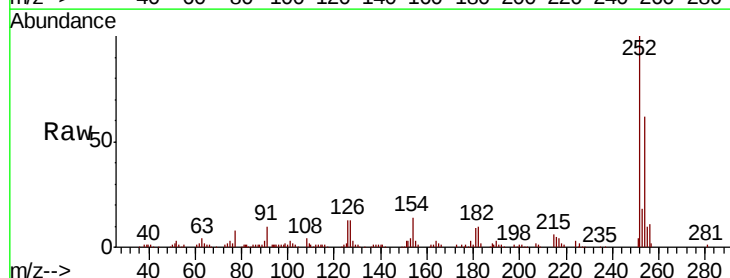
Tgt Ion:252 Resp: 106714

Ion Ratio Lower Upper

252 100

254 62.2 52.2 78.4

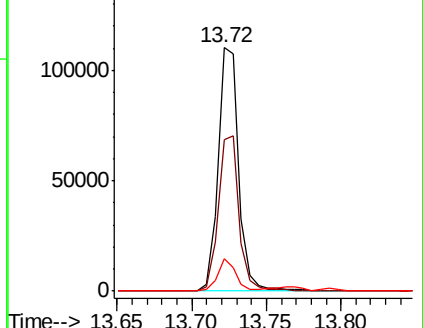
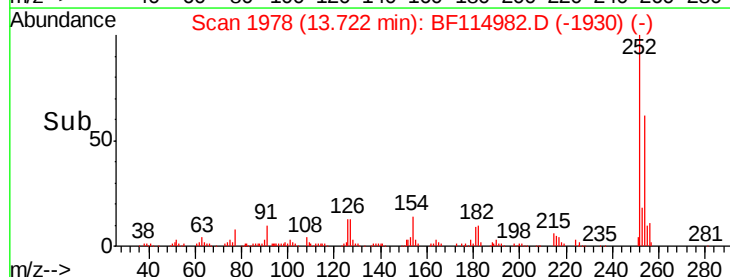
126 13.2 8.0 12.0#

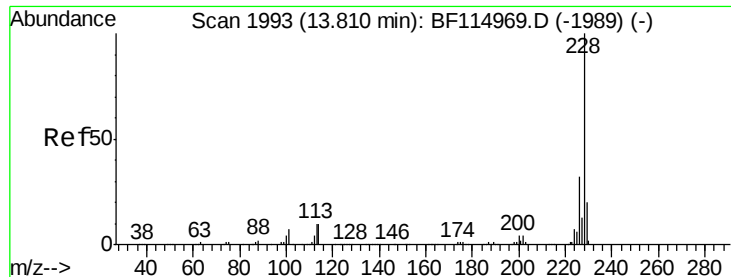


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.015 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

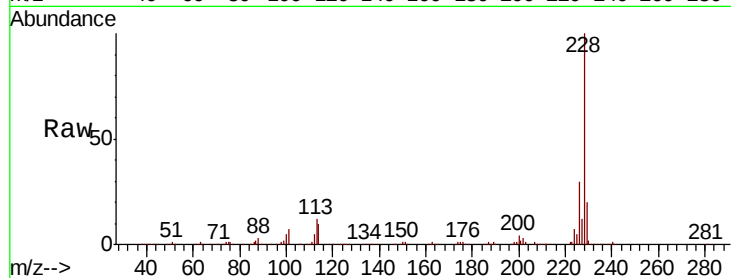
Tgt Ion: 228 Resp: 295241

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.0

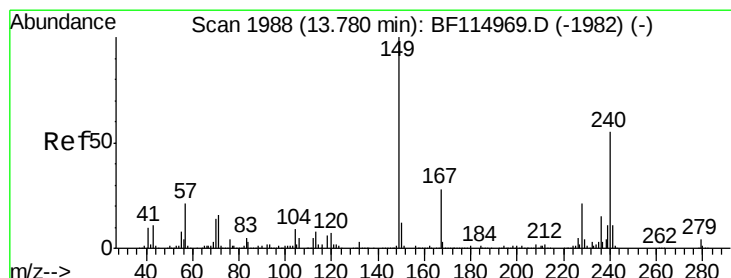
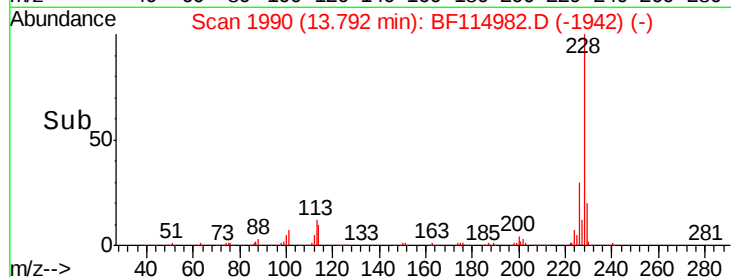
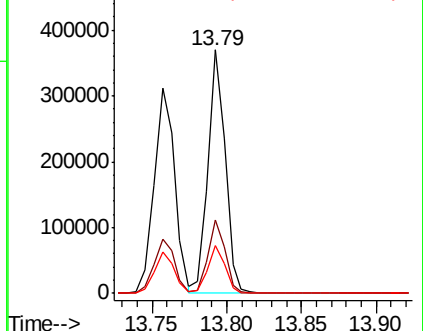
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.717 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

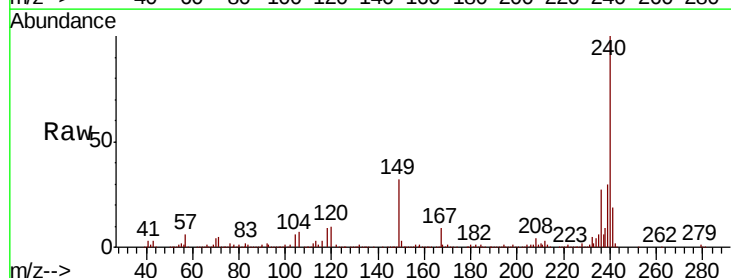
Tgt Ion: 149 Resp: 187651

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

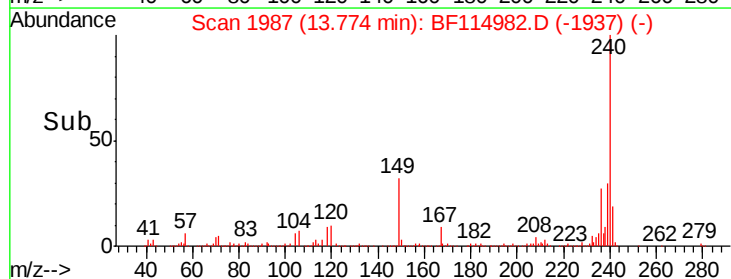
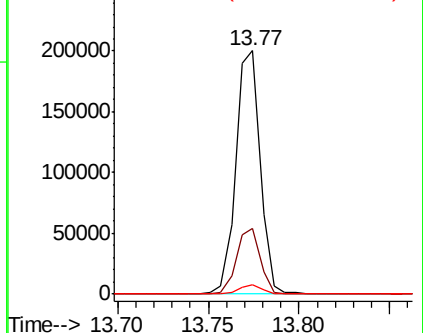
279 4.1 3.4 5.0

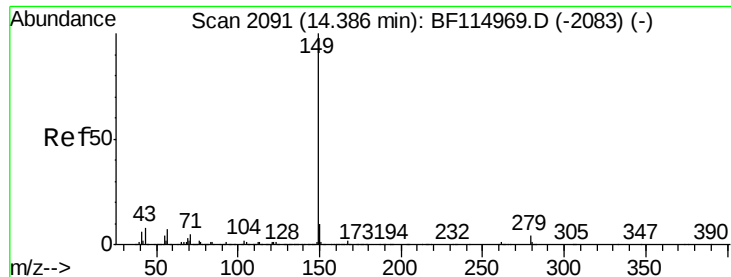


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.761 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

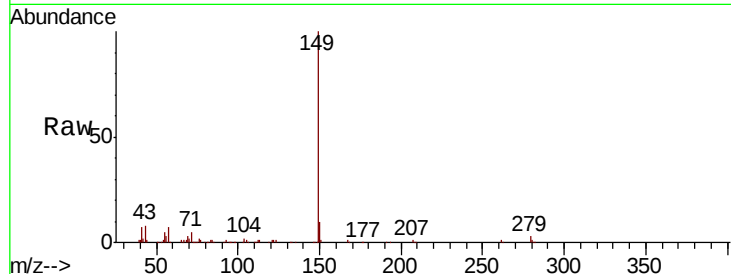
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	149	Resp:	326167
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.5	6.5	9.7

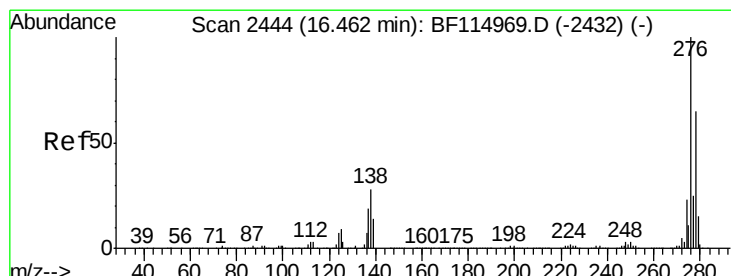
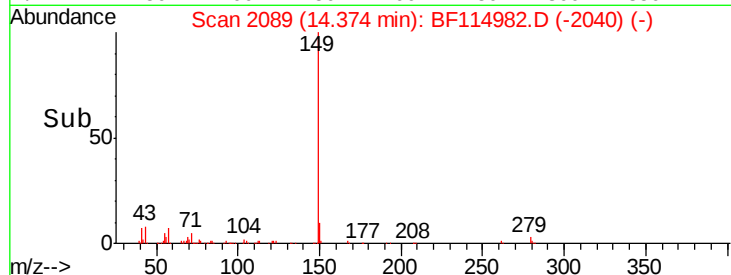
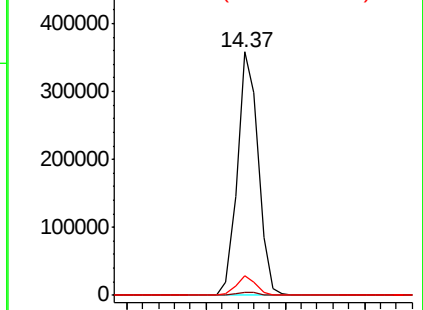


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.308 ng

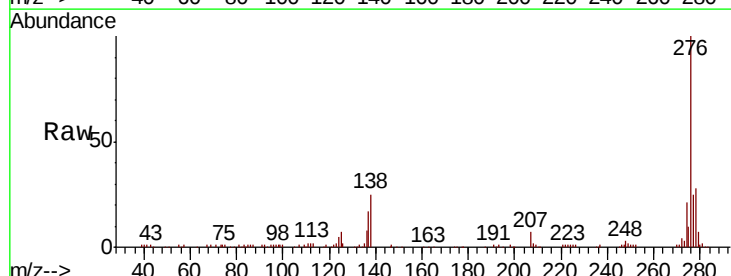
RT: 16.43 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BF114982.D

Acq: 12 Jun 2019 18:37

Tgt Ion:	276	Resp:	222765
Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.4
277	24.8	20.6	30.8

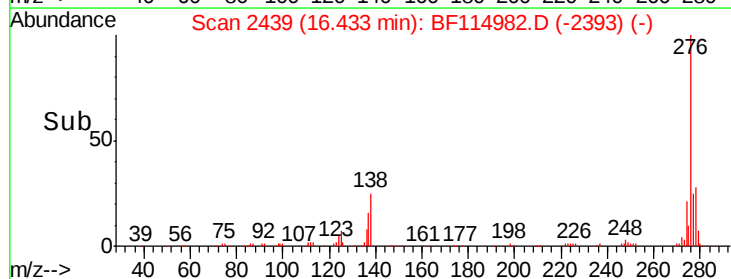
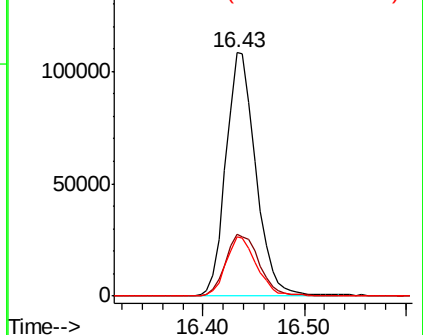


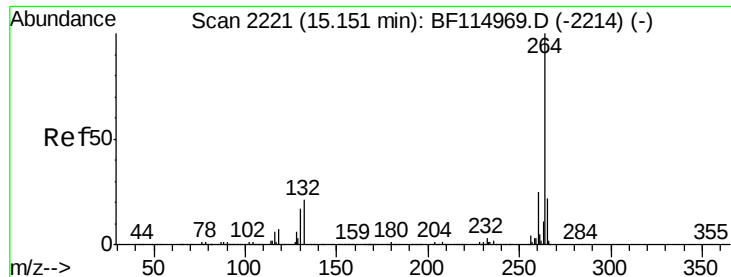
Abundance

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



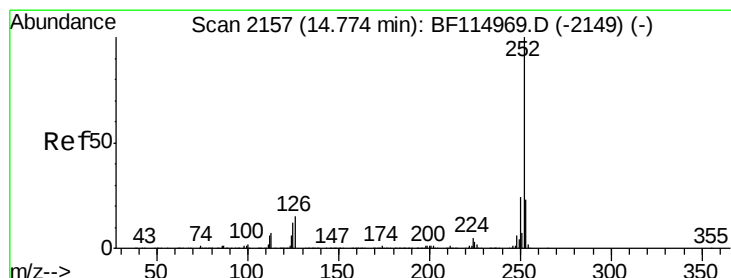
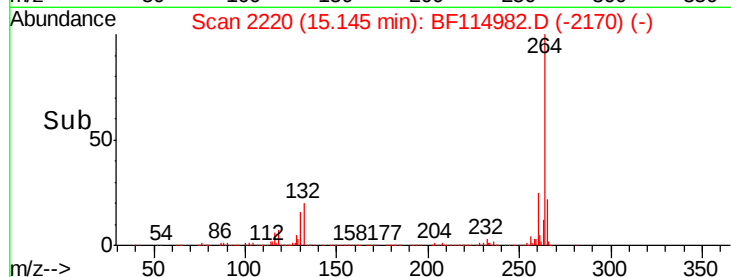
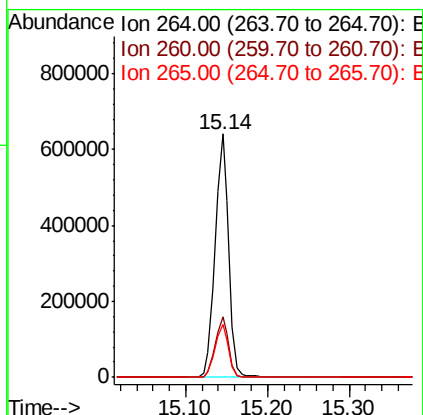
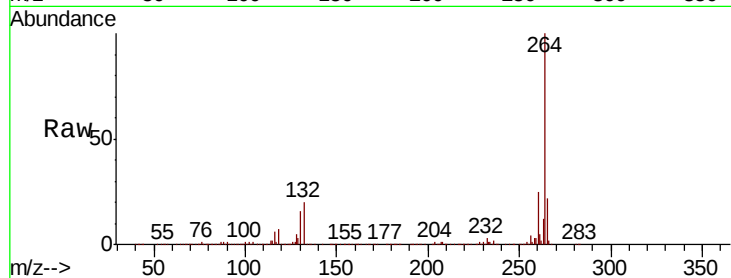


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 264 Resp: 739839

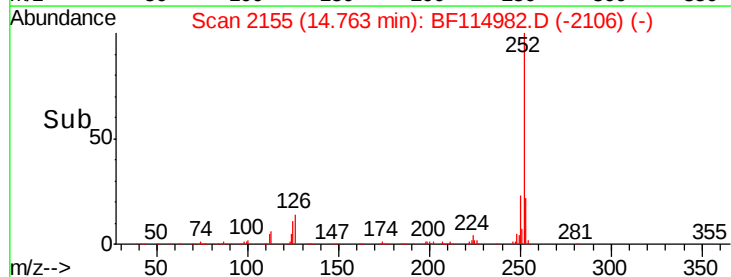
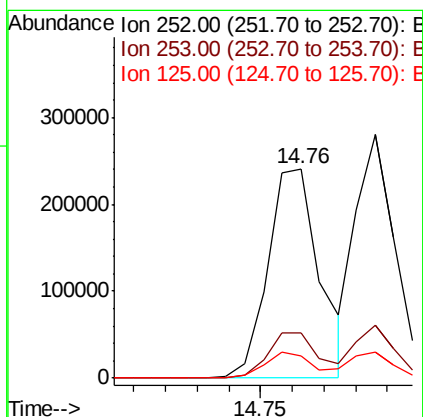
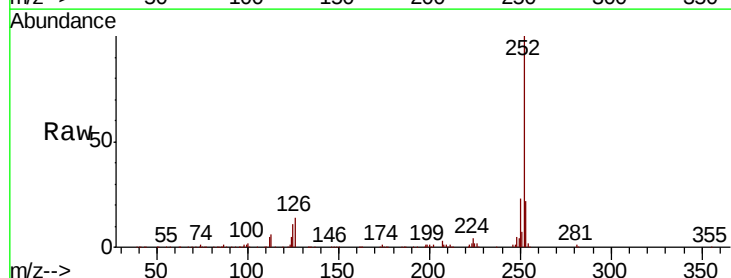
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.6	17.6	26.4

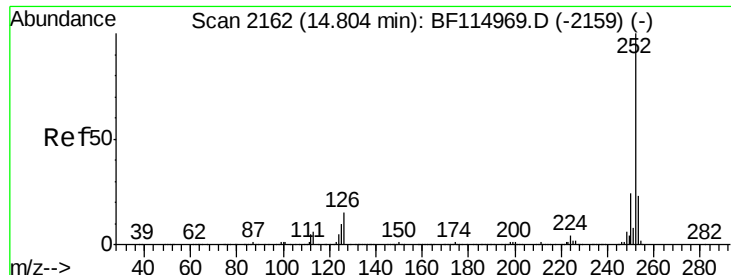


#88
Benzo(b)fluoranthene
Concen: 5.578 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion: 252 Resp: 274327

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	10.7	9.4	14.0

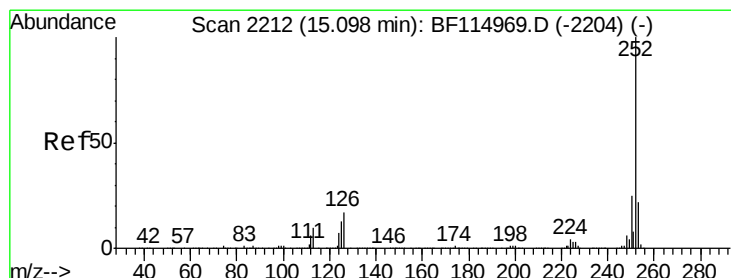
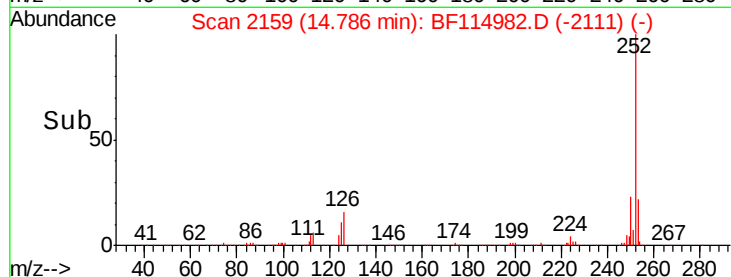
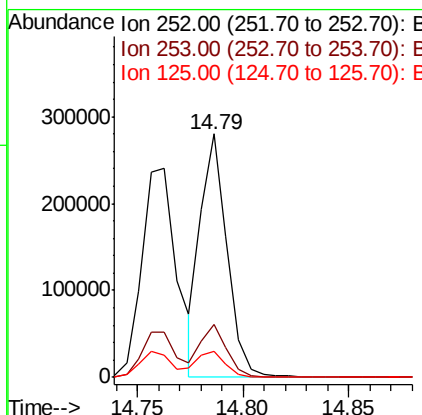
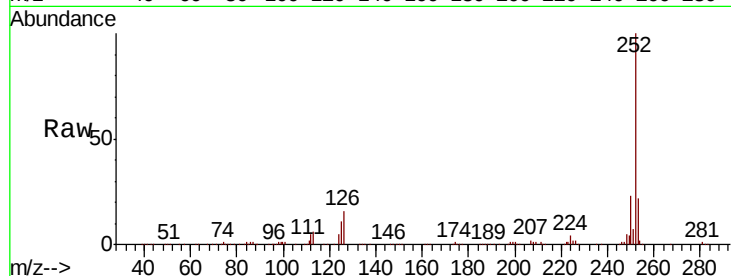




#89
Benzo(k)fluoranthene
Concen: 5.673 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

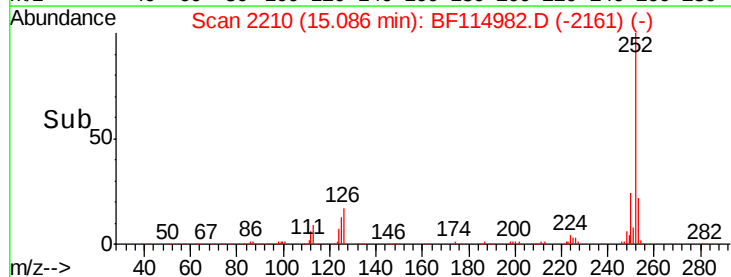
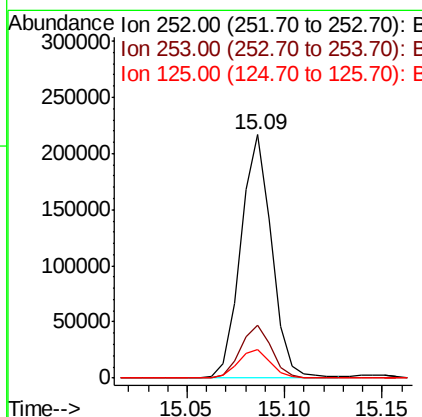
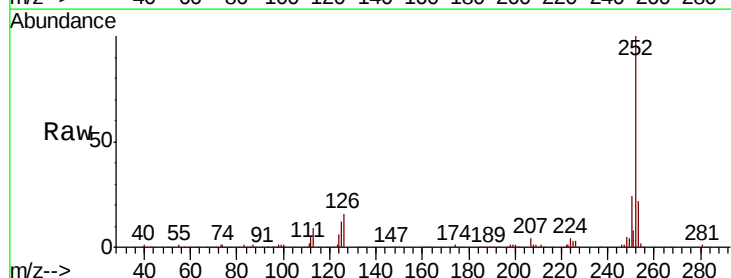
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

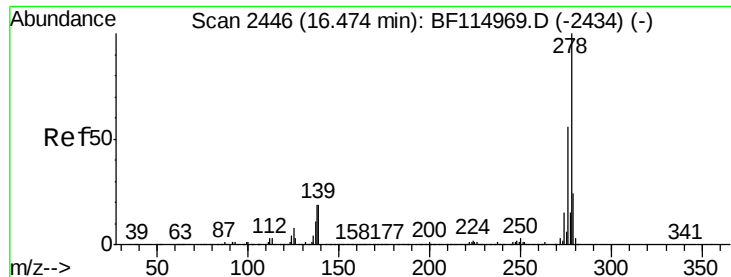
Tgt Ion:252 Resp: 244889
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 5.598 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion:252 Resp: 237556
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.9 10.7 16.1

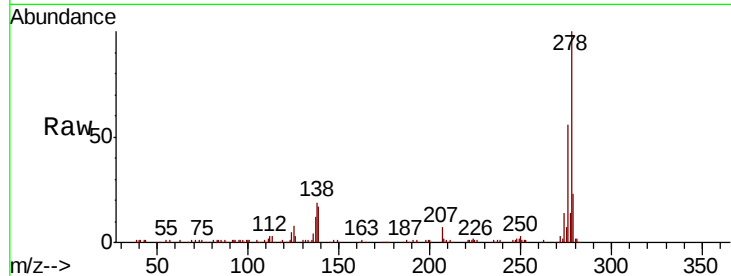




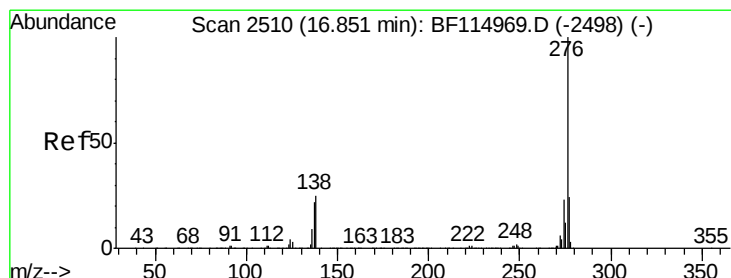
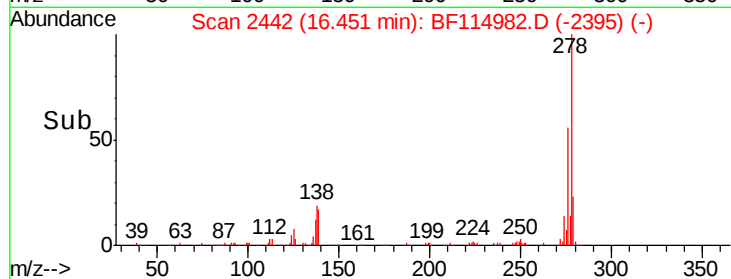
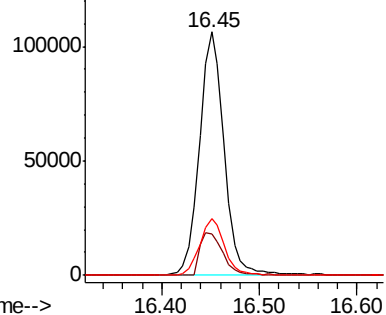
#91
Dibenzo(a,h)anthracene
Concen: 5.107 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.3	22.9
279	23.2	19.2	28.8

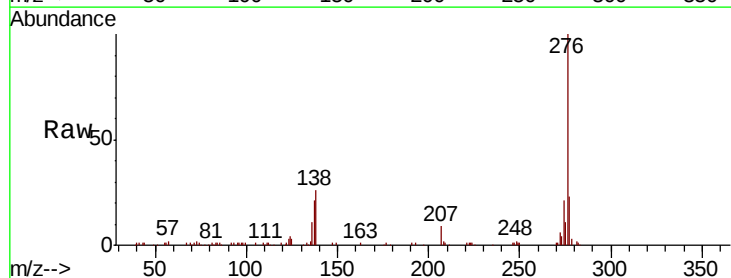


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.830 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.03 min
Lab File: BF114982.D
Acq: 12 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	25.5	20.2	30.4



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

