

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
 Data File : BF114983.D
 Acq On : 12 Jun 2019 19:03
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 13 02:11:24 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	303313	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1180843	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	586582	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1130097	20.00	ng	0.00
76) Chrysene-d12	13.77	240	820335	20.00	ng	-0.01
87) Perylene-d12	15.14	264	790585	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1793911	98.76	ng	0.00
7) Phenol-d6	6.29	99	2248070	102.60	ng	0.00
23) Nitrobenzene-d5	7.21	82	1390174	70.86	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	659780	105.04	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2479193	71.63	ng	0.00
79) Terphenyl-d14	12.73	244	2689375	61.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	58331	6.860	ng	# 94
3) Pyridine	3.02	79	138794	5.798	ng	98
4) n-Nitrosodimethylamine	2.88	42	56805	6.684	ng	95
6) Aniline	6.31	93	220440	7.512	ng	# 83
8) 2-Chlorophenol	6.43	128	155772	7.563	ng	98
9) Benzaldehyde	6.19	77	124873	4.255	ng	99
10) Phenol	6.30	94	190871	7.786	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	145655	7.655	ng	99
12) 1,3-Dichlorobenzene	6.59	146	177318	7.370	ng	99
13) 1,4-Dichlorobenzene	6.66	146	181361	7.498	ng	97
14) 1,2-Dichlorobenzene	6.82	146	169184	7.430	ng	98
15) Benzyl Alcohol	6.79	79	138776	8.453	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	190410	7.477	ng	97
17) 2-Methylphenol	6.91	107	129333	7.528	ng	96
18) Hexachloroethane	7.16	117	60537	6.931	ng	93
19) n-Nitroso-di-n-propylamine	7.06	70	104470	7.847	ng	98
20) 3+4-Methylphenols	7.06	107	166135	8.125	ng	98
22) Acetophenone	7.06	105	221204	8.275	ng	# 96
24) Nitrobenzene	7.23	77	161422	8.087	ng	95
25) Isophorone	7.46	82	291585	7.936	ng	97
26) 2-Nitrophenol	7.55	139	84406	7.587	ng	95
27) 2,4-Dimethylphenol	7.59	122	116324	7.248	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	182024	7.722	ng	99
29) 2,4-Dichlorophenol	7.79	162	133604	7.880	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	154195	7.871	ng	98
31) Naphthalene	7.95	128	491166	8.791	ng	97
32) Benzoic acid	7.67	122	55262	4.759	ng	96
33) 4-Chloroaniline	8.00	127	202358	7.846	ng	97
34) Hexachlorobutadiene	8.07	225	82419	7.569	ng	99
35) Caprolactam	8.33	113	41727	7.389	ng	96
36) 4-Chloro-3-methylphenol	8.48	107	135757	7.945	ng	95
37) 2-Methylnaphthalene	8.64	142	329709	8.848	ng	97
38) 1-Methylnaphthalene	8.73	142	311432	8.843	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	141742	8.179	ng	99

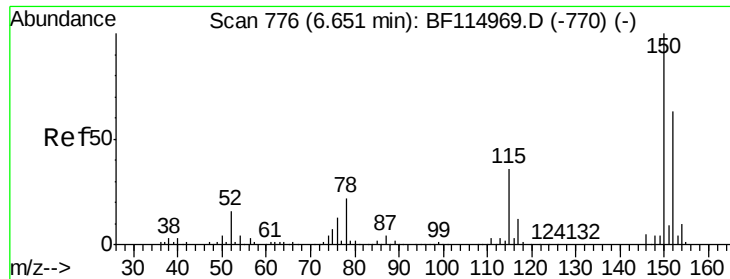
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	42219	4.944	ng	98
43) 2,4,6-Trichlorophenol	8.92	196	94455	7.297	ng	98
44) 2,4,5-Trichlorophenol	8.96	196	98314	7.516	ng	98
46) 1,1'-Biphenyl	9.10	154	398483	8.477	ng	96
47) 2-Chloronaphthalene	9.12	162	306448	8.062	ng	98
48) 2-Nitroaniline	9.22	65	79875	7.109	ng	100
49) Acenaphthylene	9.53	152	495556	8.479	ng	97
50) Dimethylphthalate	9.40	163	346122	7.846	ng	100
51) 2,6-Dinitrotoluene	9.46	165	76057	7.601	ng #	88
52) Acenaphthene	9.70	154	288817	8.638	ng	99
53) 3-Nitroaniline	9.62	138	87291	7.120	ng	97
54) 2,4-Dinitrophenol	9.73	184	22444	4.624	ng	90
55) Dibenzofuran	9.87	168	432092	8.574	ng	97
56) 4-Nitrophenol	9.79	139	55729	6.592	ng	91
57) 2,4-Dinitrotoluene	9.86	165	100062	7.856	ng	95
58) Fluorene	10.22	166	331701	2.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	84294	7.978	ng	99
60) Diethylphthalate	10.10	149	337675	8.006	ng	98
61) 4-Chlorophenyl-phenylether	10.22	204	158644	2.328	ng	94
62) 4-Nitroaniline	10.23	138	85339	6.923	ng	97
63) Azobenzene	10.37	77	307304	8.328	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	39801	6.284	ng	89
66) n-Nitrosodiphenylamine	10.33	169	285037	8.438	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	94973	7.827	ng	95
68) Hexachlorobenzene	10.77	284	107393	8.039	ng	91
69) Atrazine	10.86	200	88475	8.123	ng	98
70) Pentachlorophenol	10.96	266	45827	6.317	ng	97
71) Phenanthrene	11.17	178	504309	8.643	ng	98
72) Anthracene	11.22	178	509120	8.649	ng	98
73) Carbazole	11.37	167	455063	8.857	ng	96
74) Di-n-butylphthalate	11.72	149	529466	8.174	ng	97
75) Fluoranthene	12.35	202	512941	8.597	ng	98
77) Benzidine	12.47	184	234606	7.071	ng	98
78) Pyrene	12.57	202	527658	7.061	ng	97
80) Butylbenzylphthalate	13.20	149	219350	6.284	ng	96
81) Benzo(a)anthracene	13.76	228	449166	7.317	ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	166395	7.070	ng #	97
83) Chrysene	13.79	228	441713	7.236	ng	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	285112	6.911	ng #	97
85) Di-n-octyl phthalate	14.38	149	495203	6.971	ng	99
86) Indeno(1,2,3-cd)pyrene	16.43	276	338557	6.314	ng	99
88) Benzo(b)fluoranthene	14.76	252	400266	7.616	ng	99
89) Benzo(k)fluoranthene	14.79	252	376997	8.173	ng	98
90) Benzo(a)pyrene	15.09	252	361604	7.974	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	284050	7.273	ng	100
92) Benzo(g,h,i)perylene	16.82	276	273751	6.873	ng	99

(#) = 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: BF114983.D

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Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

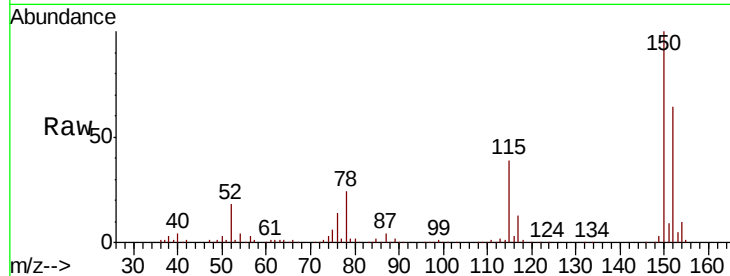
Tgt Ion:152 Resp: 303313

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.0

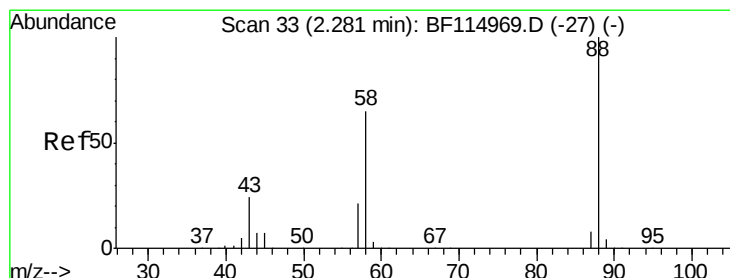
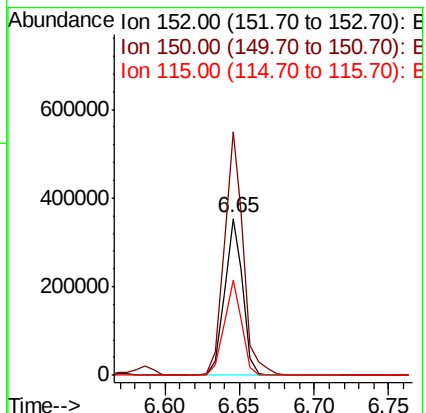
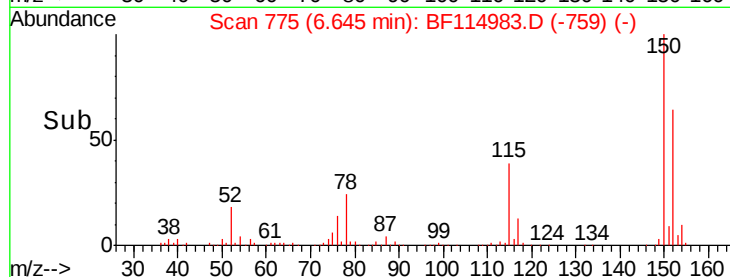
115 60.8 46.0 69.0



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: 6.860 ng

RT: 2.28 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

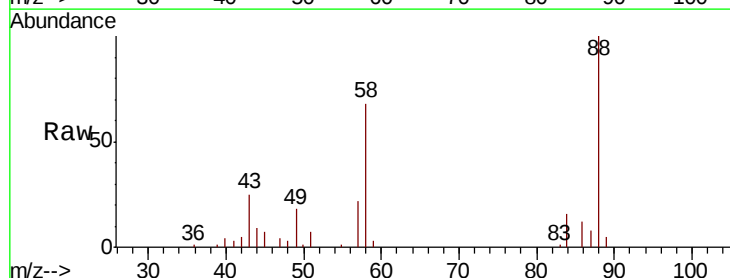
Tgt Ion: 88 Resp: 58331

Ion Ratio Lower Upper

88 100

58 69.9 53.4 80.2

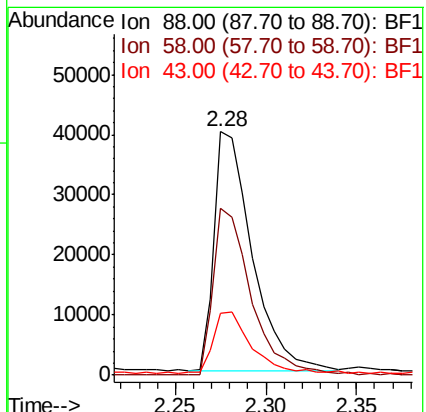
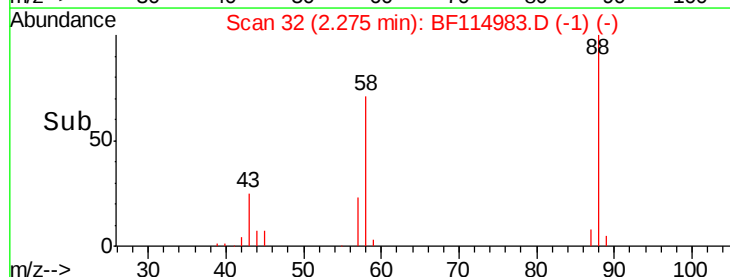
43 30.7 19.7 29.5#

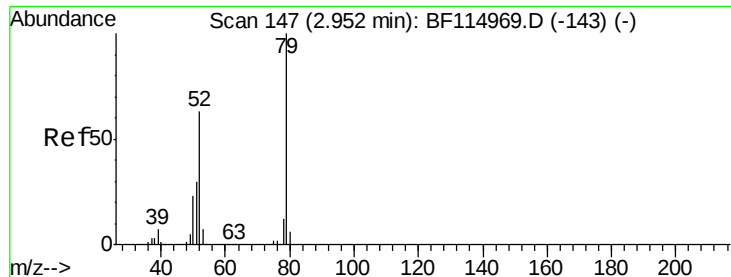


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

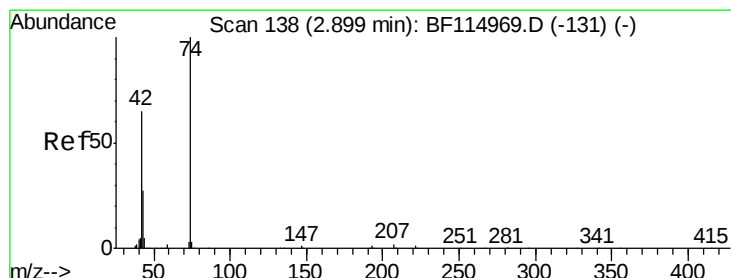
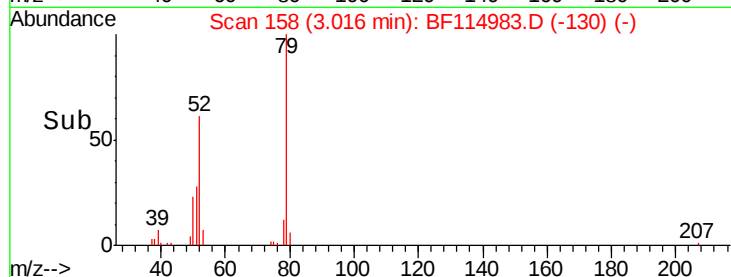
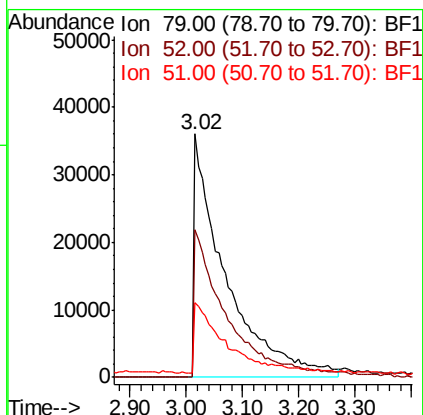
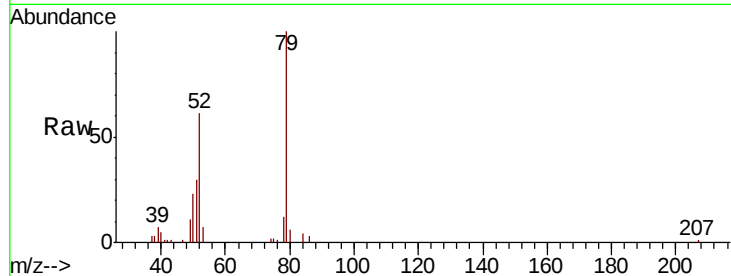




#3
 Pyridine
 Concen: 5.798 ng
 RT: 3.02 min Scan# 158
 Delta R.T. 0.06 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

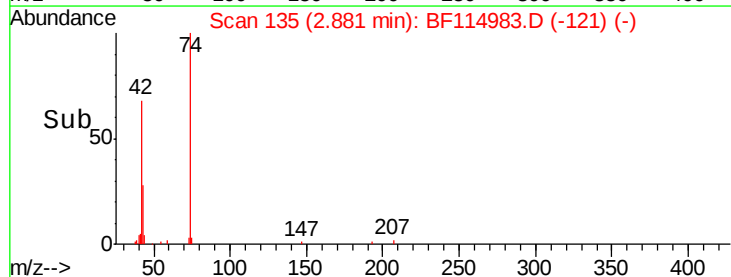
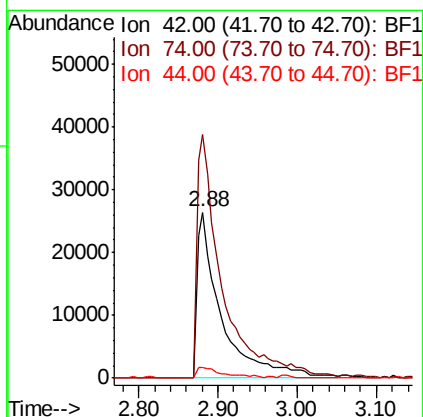
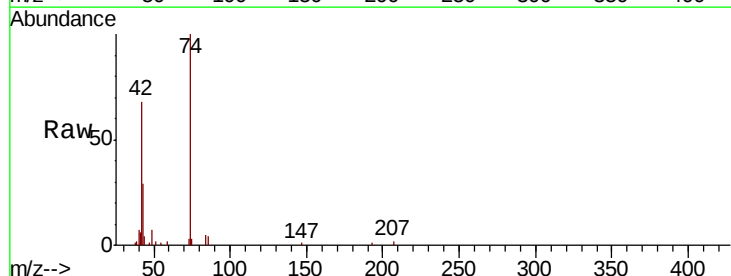
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

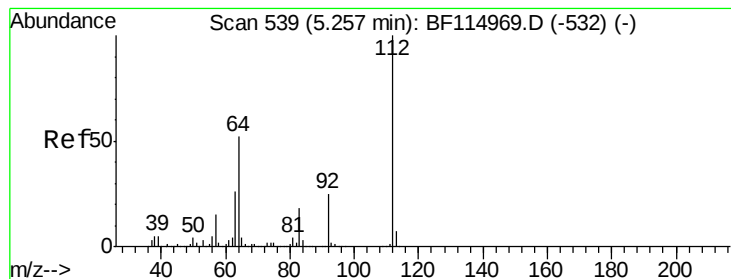
Tgt Ion: 79 Resp: 138794
 Ion Ratio Lower Upper
 79 100
 52 60.7 50.3 75.5
 51 30.4 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 6.684 ng
 RT: 2.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion: 42 Resp: 56805
 Ion Ratio Lower Upper
 42 100
 74 146.6 122.2 183.2
 44 6.5 5.8 8.8





#5

2-Fluorophenol

Concen: 98.758 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

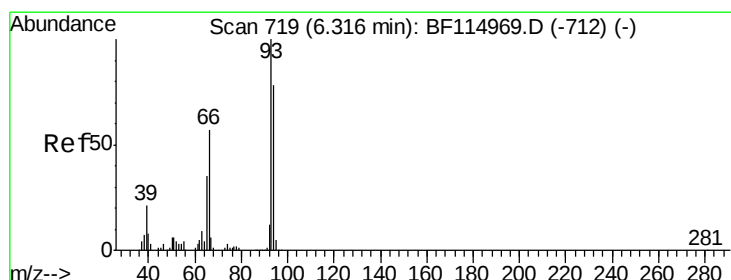
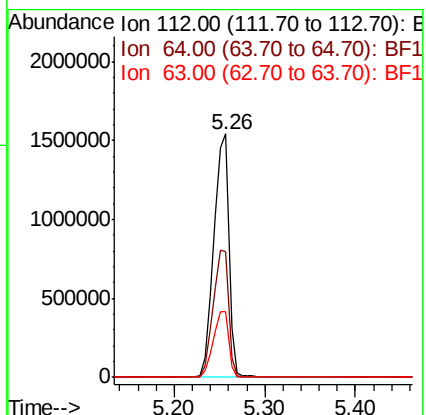
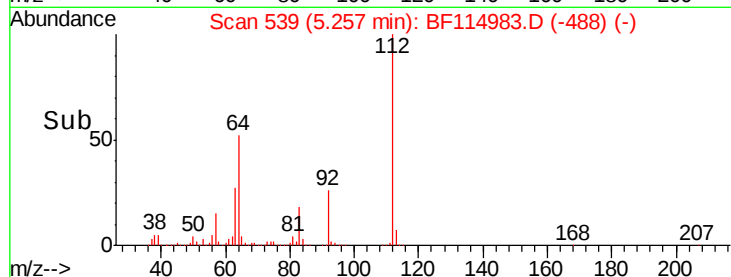
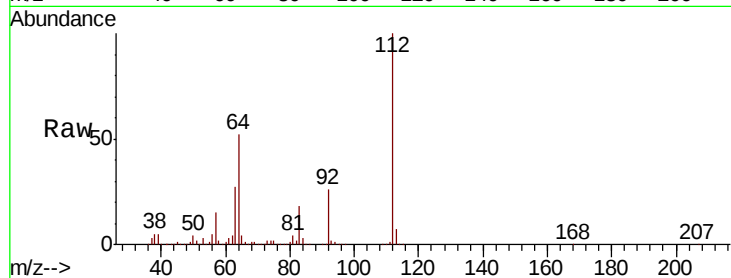
Tgt Ion: 112 Resp: 1793911

Ion Ratio Lower Upper

112 100

64 51.6 41.6 62.4

63 26.8 20.9 31.3



#6

Aniline

Concen: 7.512 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

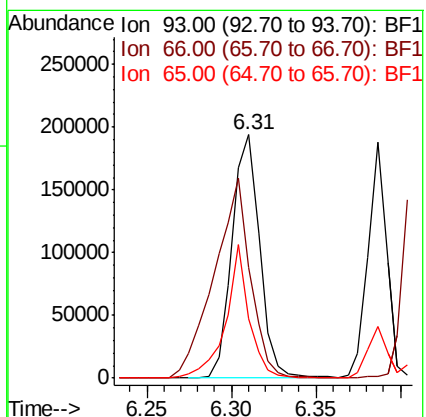
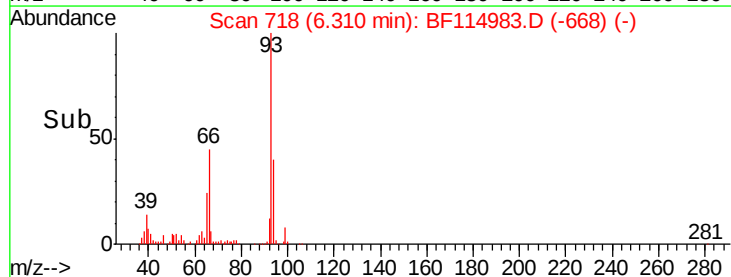
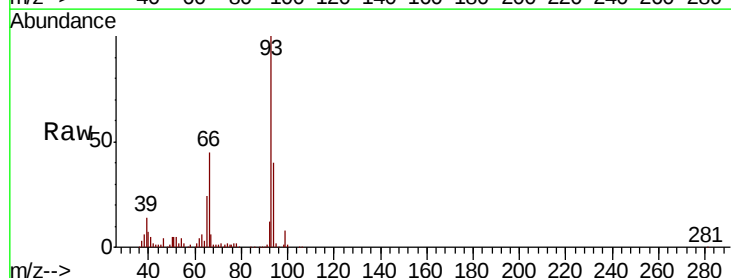
Tgt Ion: 93 Resp: 220440

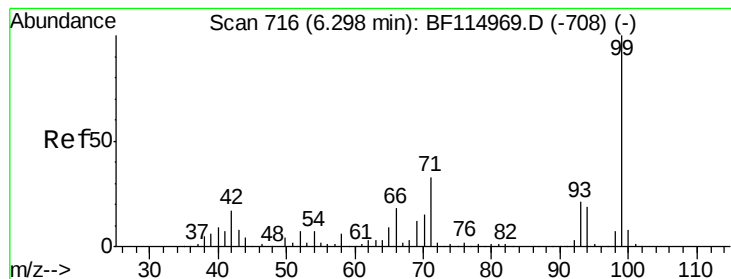
Ion Ratio Lower Upper

93 100

66 45.3 46.2 69.2#

65 24.3 27.7 41.5#





#7

Phenol-d6

Concen: 102.596 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

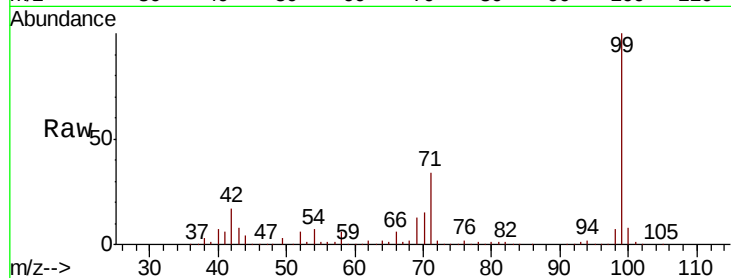
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 99 Resp: 2248070

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.2
71	34.1	26.4	39.6

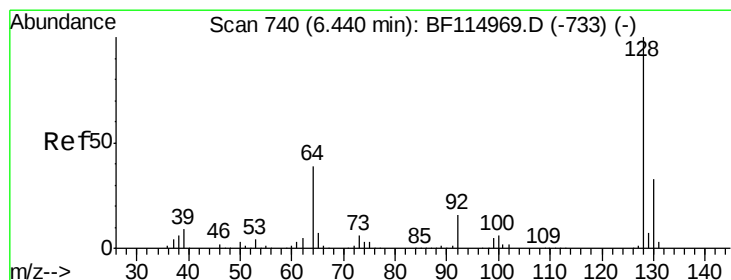
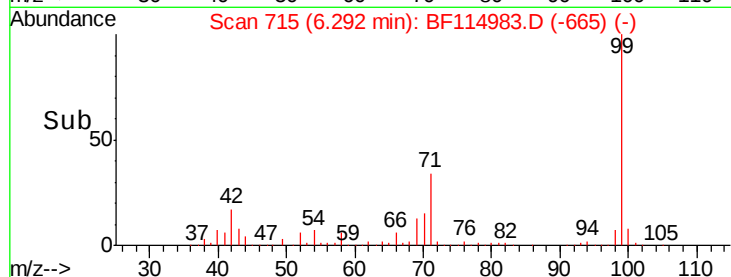
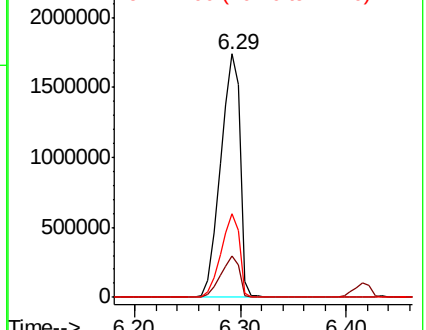


Abundance

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: 7.563 ng

RT: 6.43 min Scan# 739

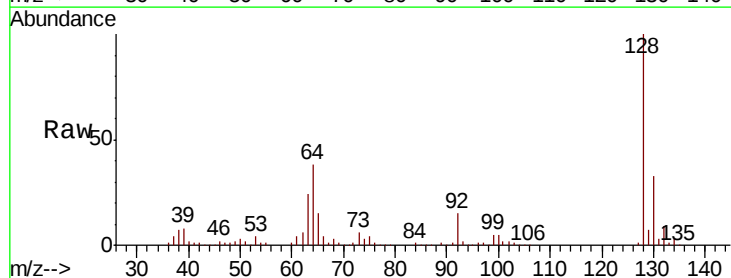
Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Tgt Ion: 128 Resp: 155772

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.4	53.4
64	38.5	20.1	60.1

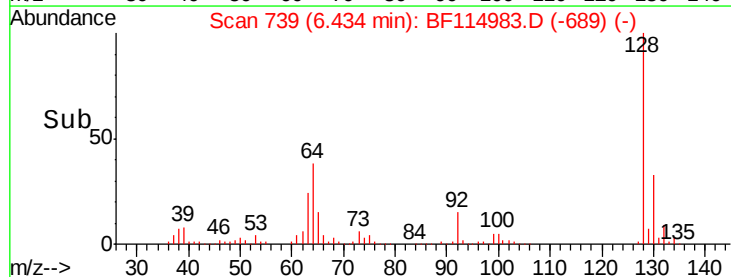
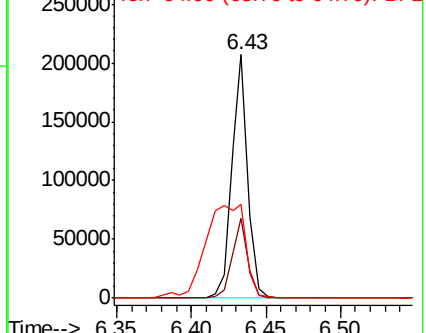


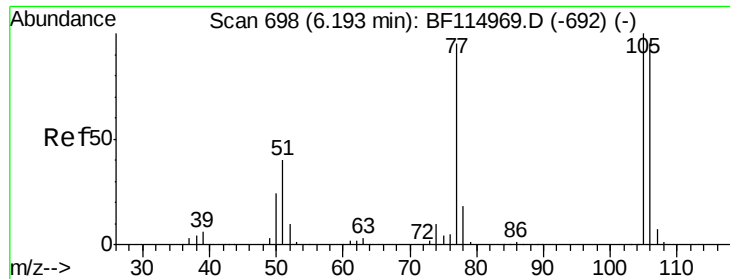
Abundance

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: 4.255 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF114983.D

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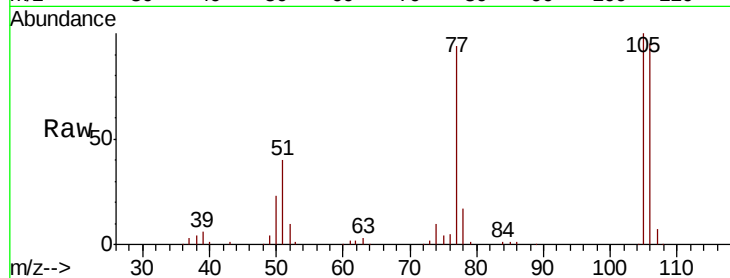
Tgt Ion: 77 Resp: 124873

Ion Ratio Lower Upper

77 100

105 106.6 85.1 125.1

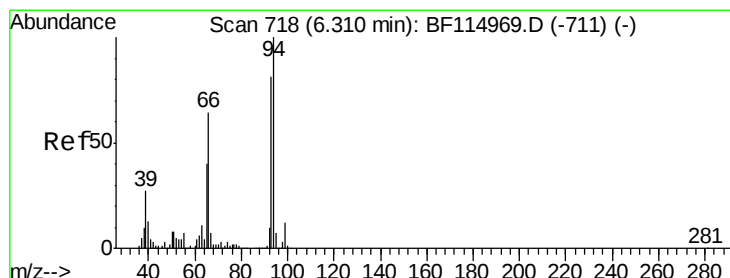
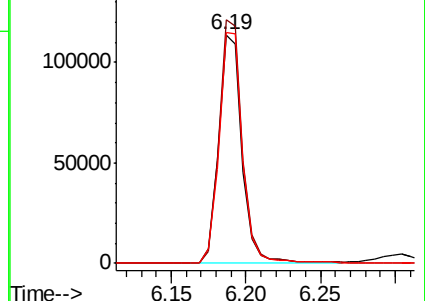
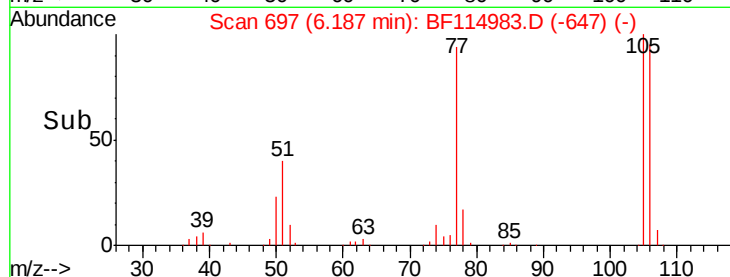
106 100.9 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 7.786 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

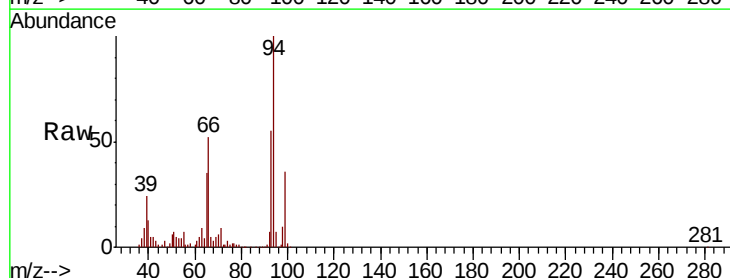
Tgt Ion: 94 Resp: 190871

Ion Ratio Lower Upper

94 100

65 34.9 20.0 60.0

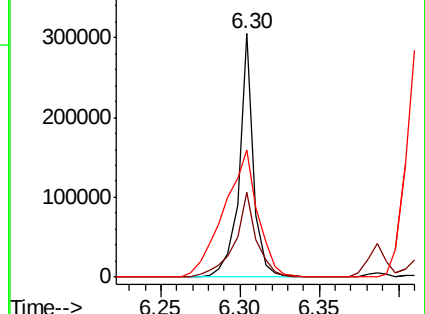
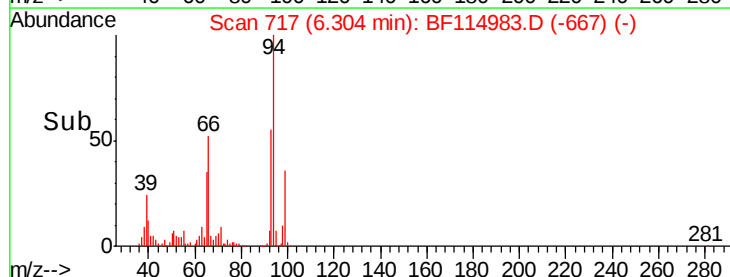
66 52.4 44.1 84.1

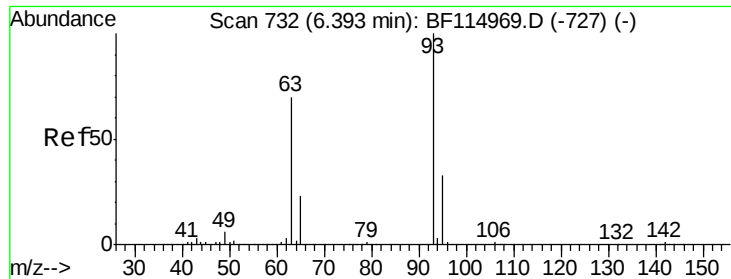


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

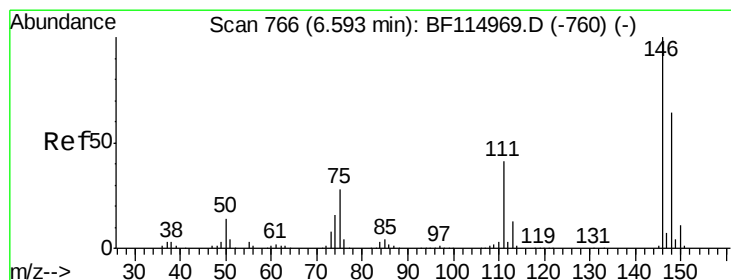
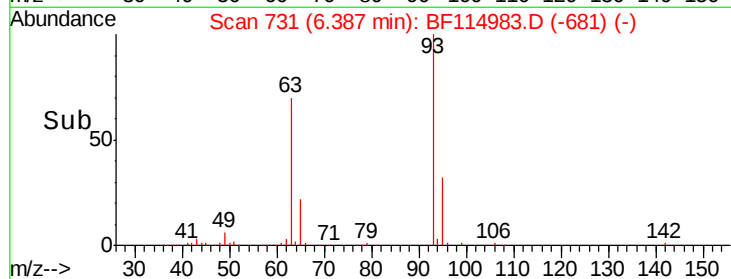
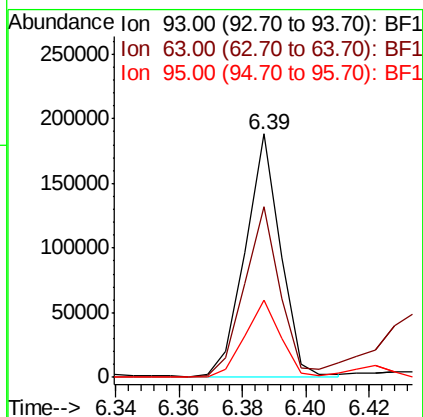
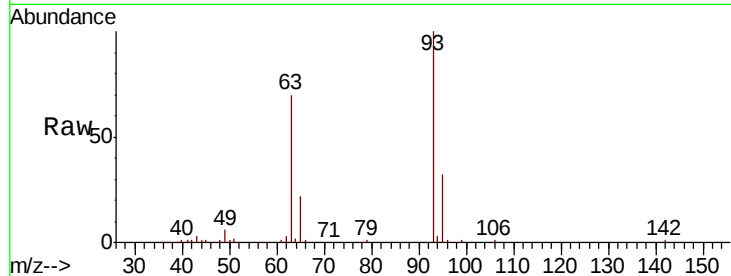




#11
bis(2-Chloroethyl)ether
Concen: 7.655 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

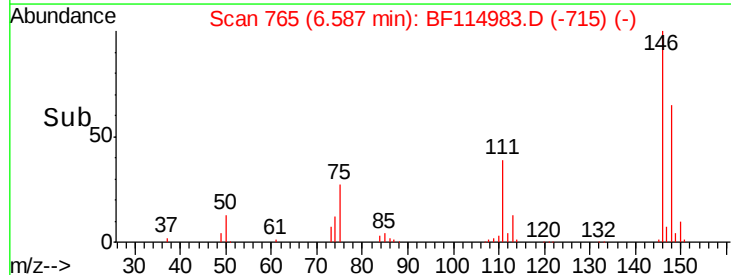
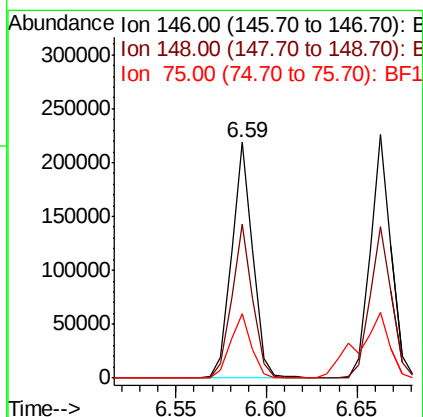
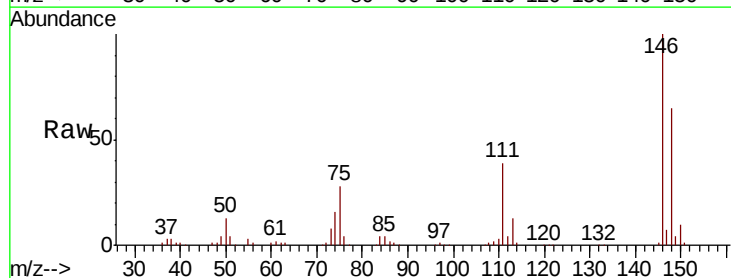
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

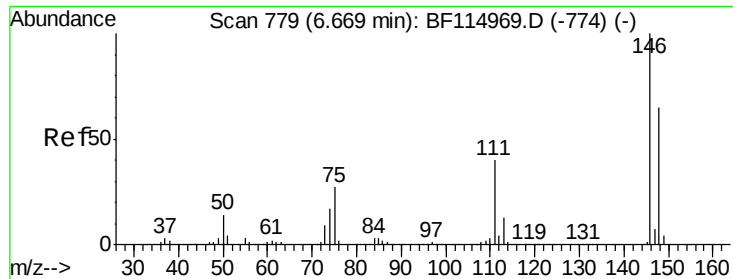
Tgt Ion:	93	Resp:	145655
Ion	Ratio	Lower	Upper
93	100		
63	70.2	49.8	89.8
95	31.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 7.370 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	146	Resp:	177318
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
75	27.6	22.3	33.5

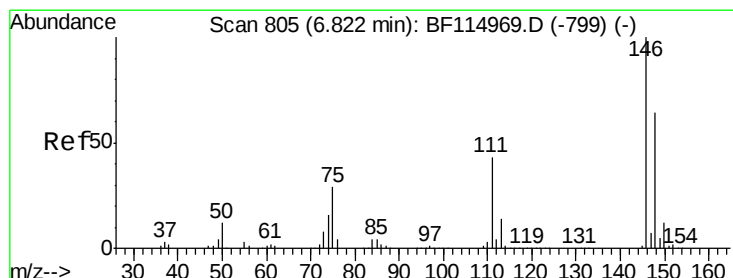
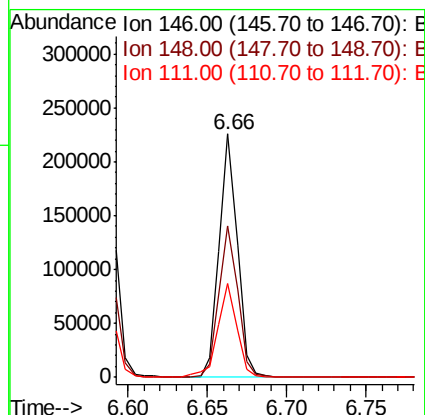
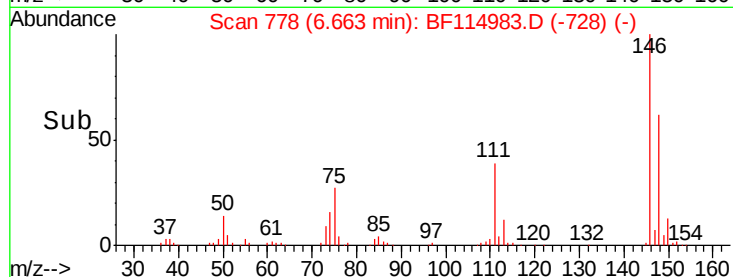
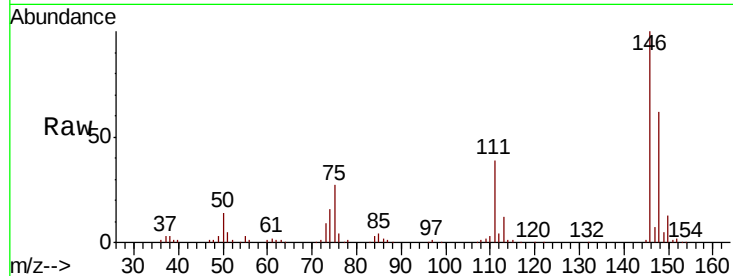




#13
 1,4-Dichlorobenzene
 Concen: 7.498 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

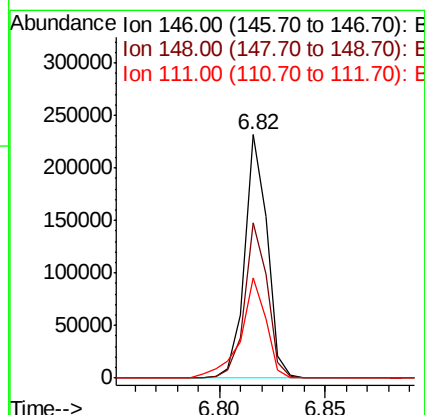
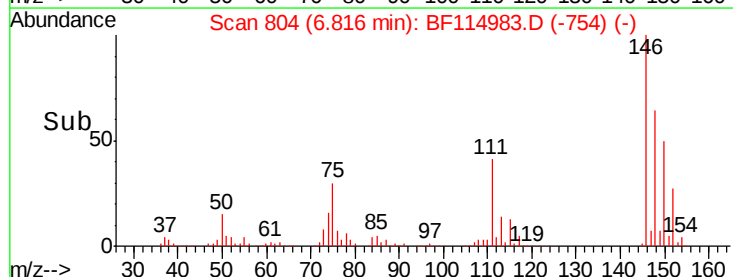
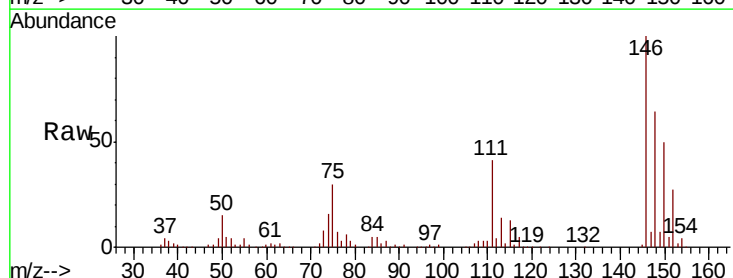
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

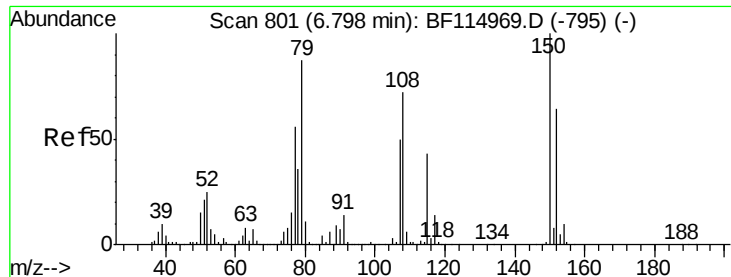
Tgt Ion:146 Resp: 181361
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 38.6 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 7.430 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion:146 Resp: 169184
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 8.453 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

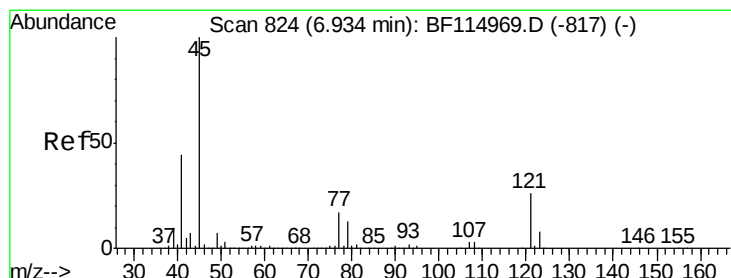
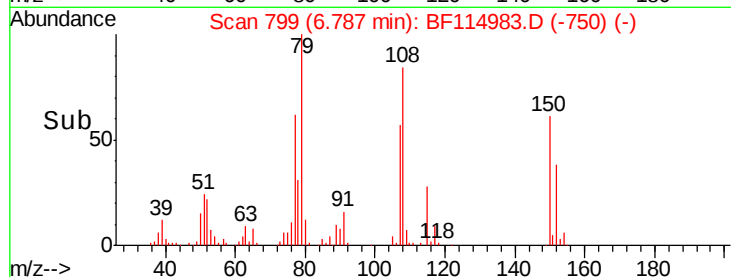
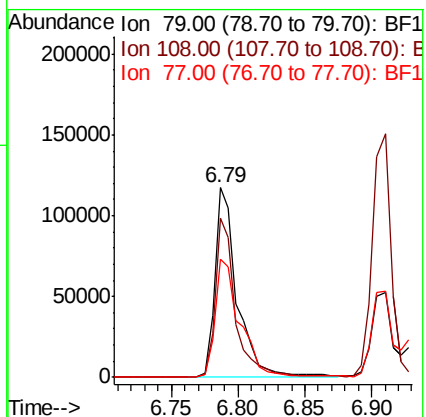
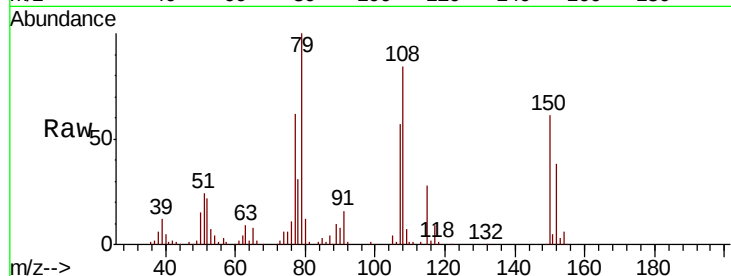
Tgt Ion: 79 Resp: 138776

Ion Ratio Lower Upper

79 100

108 83.8 66.0 99.0

77 62.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.477 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

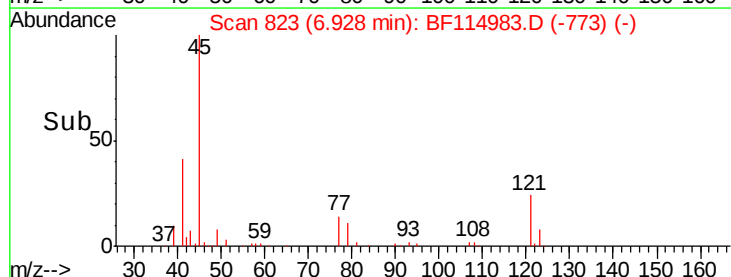
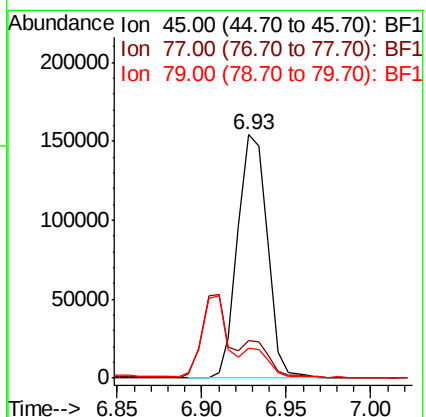
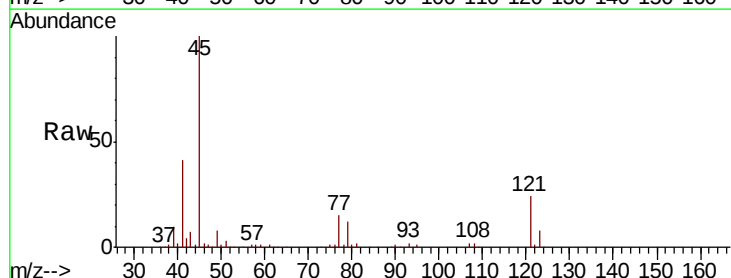
Tgt Ion: 45 Resp: 190410

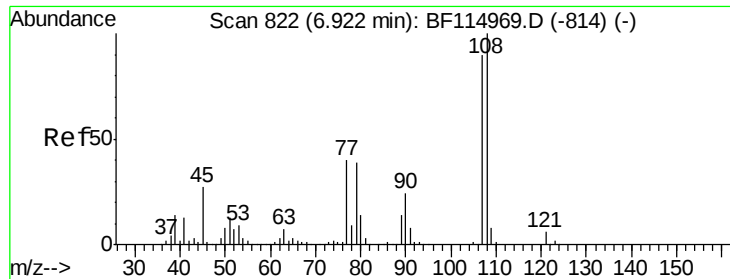
Ion Ratio Lower Upper

45 100

77 15.2 0.0 37.0

79 12.1 0.0 33.1

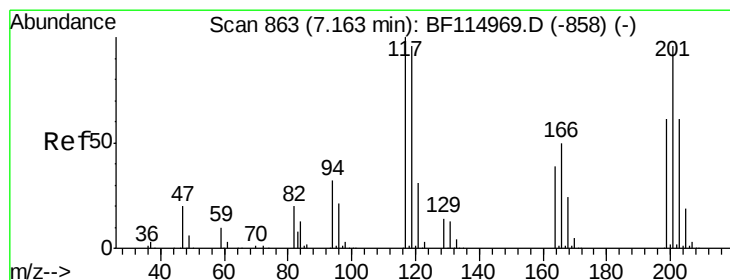
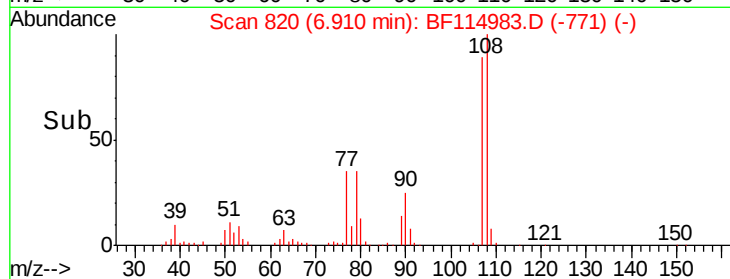
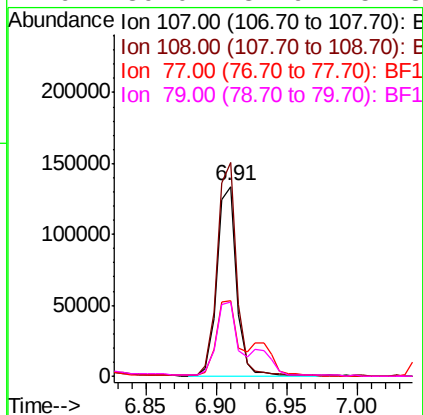
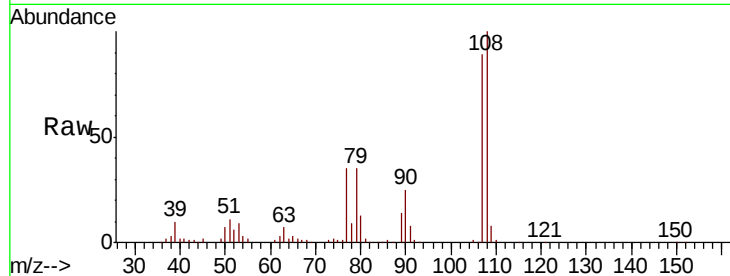




#17
2-Methylphenol
Concen: 7.528 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

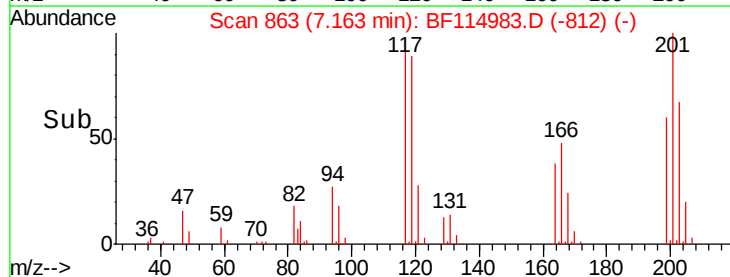
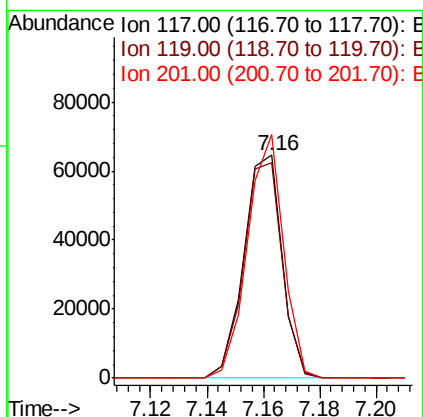
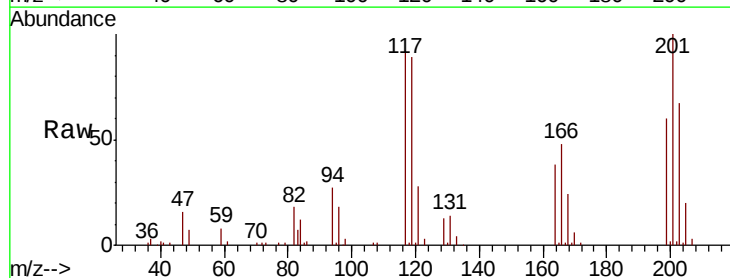
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

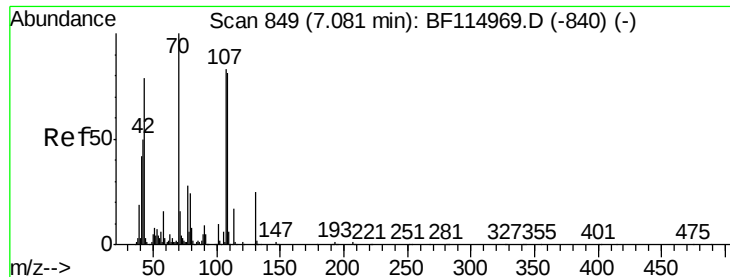
Tgt Ion:	107	Resp:	129333
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.3	133.9
77	39.5	35.4	53.2
79	39.0	34.9	52.3



#18
Hexachloroethane
Concen: 6.931 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	117	Resp:	60537
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
201	109.1	76.6	115.0

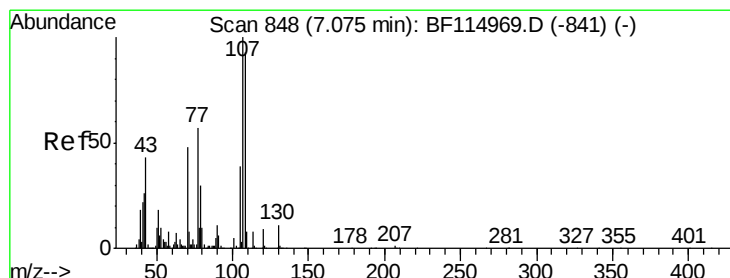
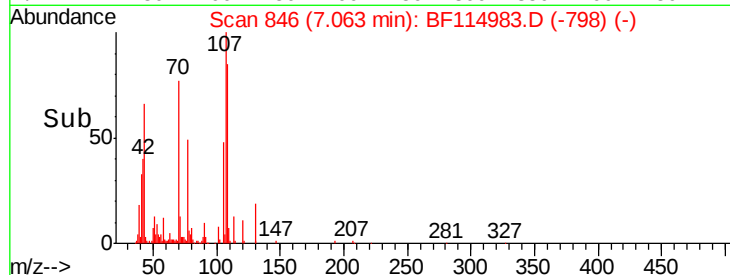
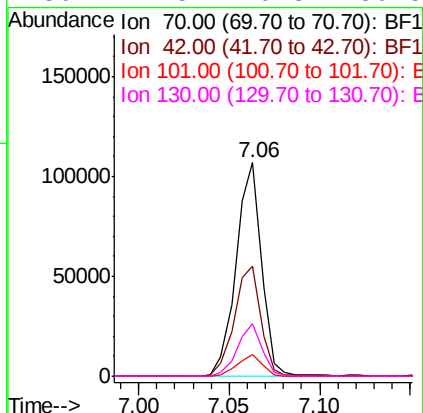
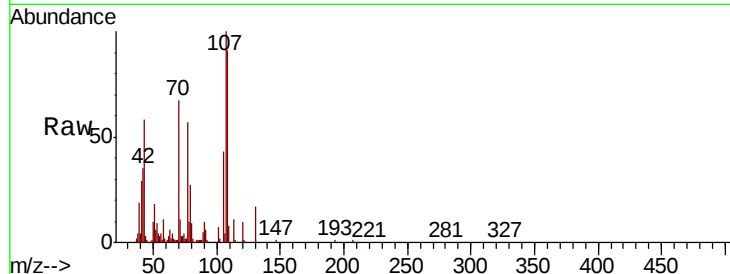




#19
n-Nitroso-di-n-propylamine
Concen: 7.847 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

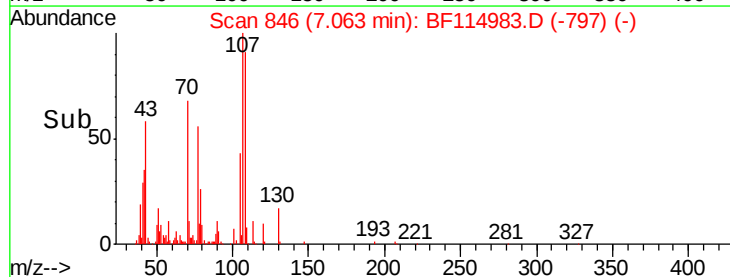
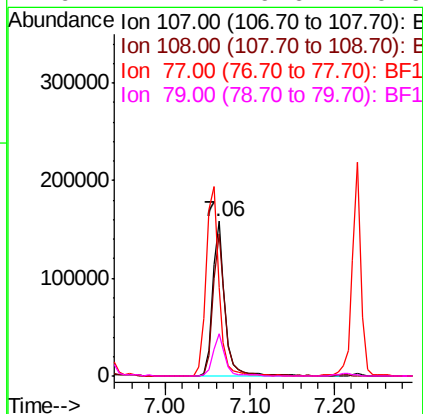
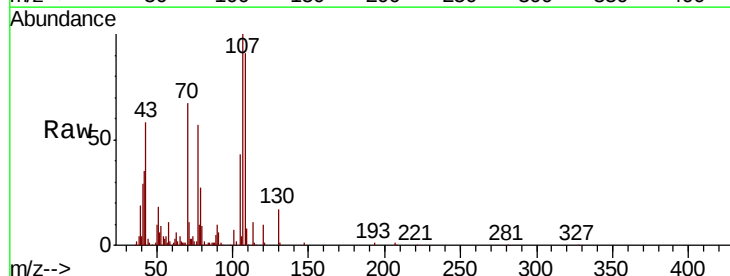
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

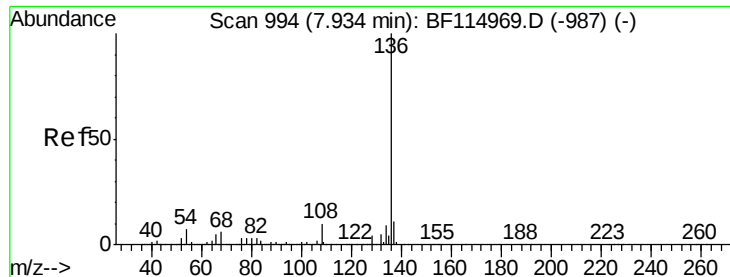
Tgt Ion:	70	Resp:	104470
Ion	Ratio	Lower	Upper
70	100		
42	51.8	40.3	60.5
101	10.2	8.2	12.4
130	24.5	20.3	30.5



#20
3+4-Methylphenols
Concen: 8.125 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	107	Resp:	166135
Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.1	113.1
77	57.3	37.3	77.3
79	27.4	9.6	49.6

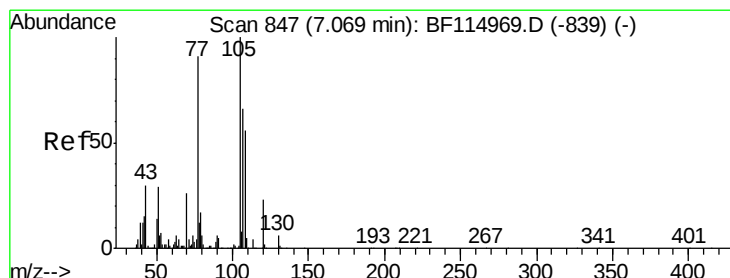
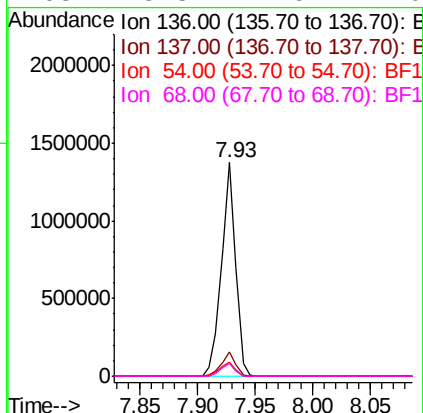
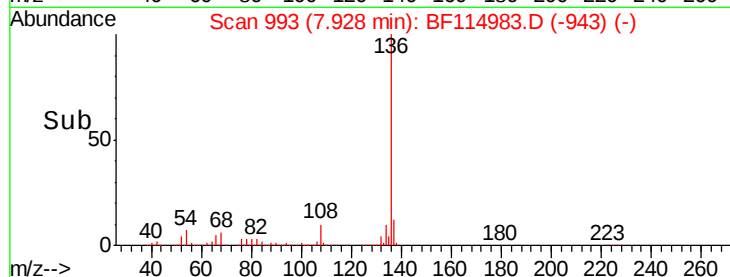
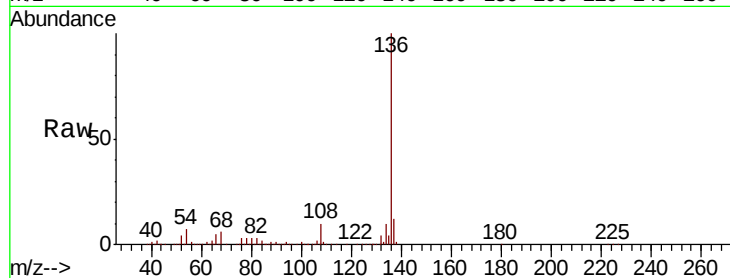




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

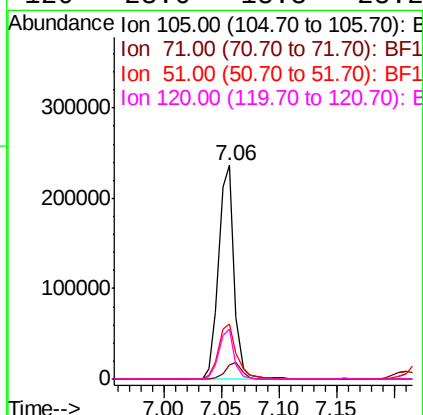
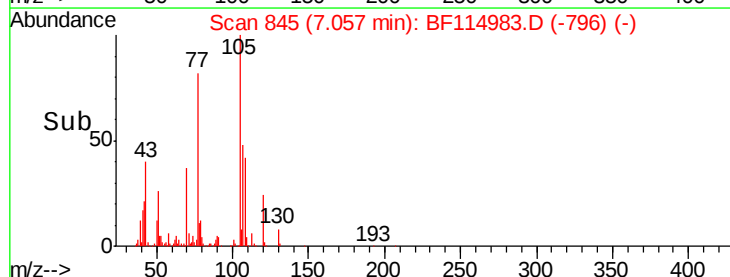
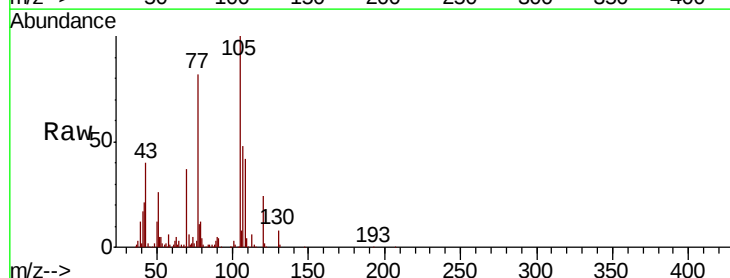
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

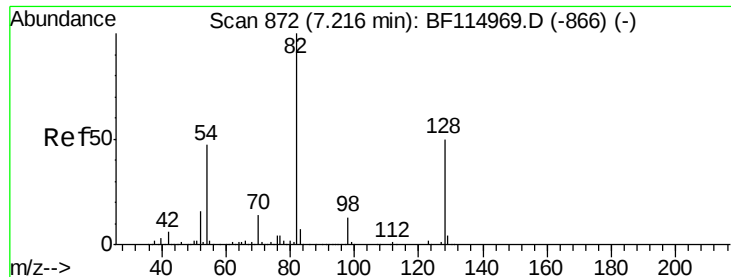
Tgt Ion:	136	Resp:	1180843
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	6.7	5.4	8.0
68	5.8	4.6	7.0



#22
Acetophenone
Concen: 8.275 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	105	Resp:	221204
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.4	5.2#
51	25.9	23.3	34.9
120	23.6	18.8	28.2

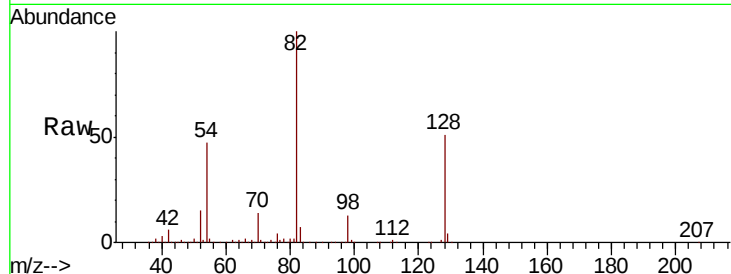




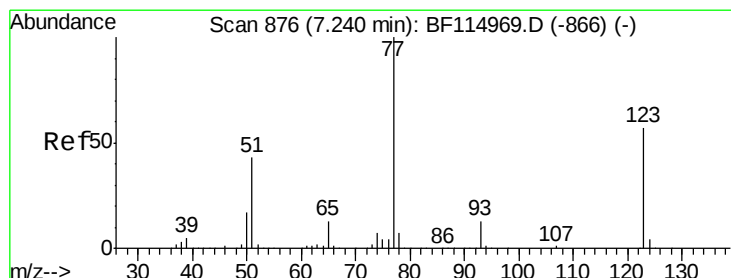
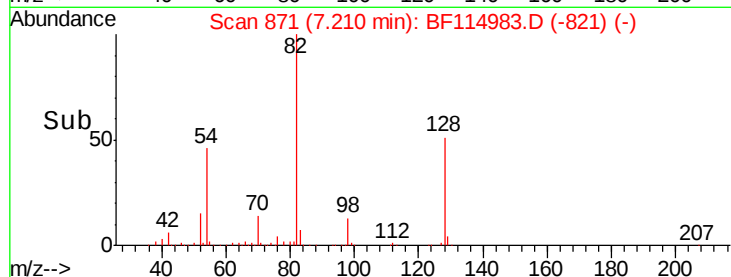
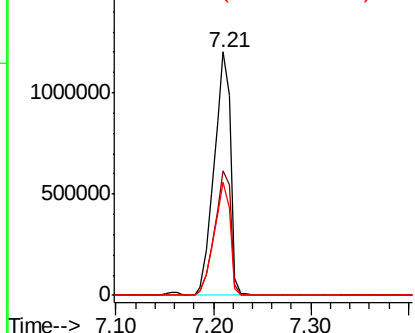
#23
 Nitrobenzene-d5
 Concen: 70.863 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion: 82 Resp: 1390174
 Ion Ratio Lower Upper
 82 100
 128 51.1 39.9 59.9
 54 46.6 37.3 55.9

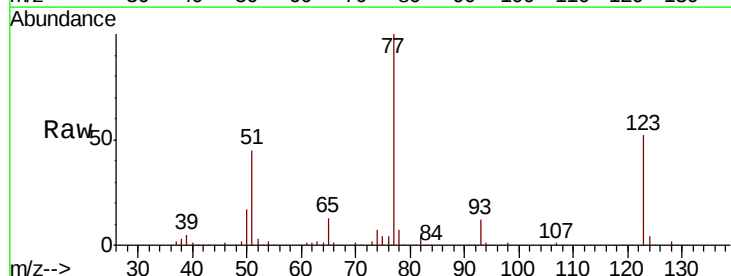


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

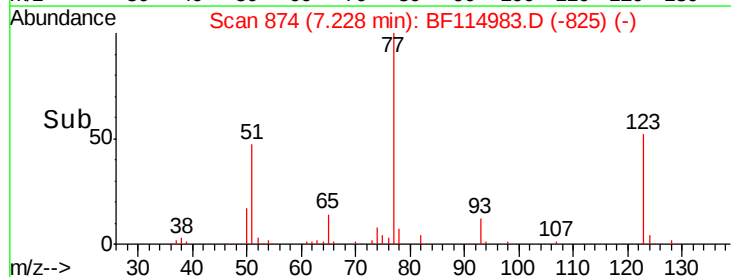
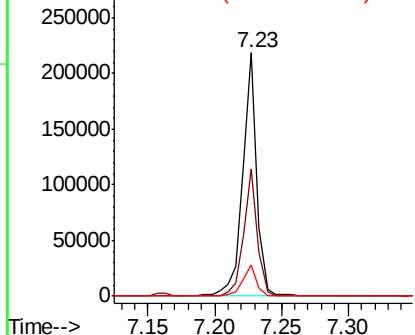


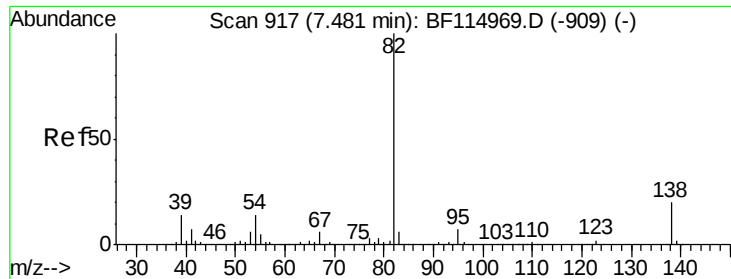
#24
 Nitrobenzene
 Concen: 8.087 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion: 77 Resp: 161422
 Ion Ratio Lower Upper
 77 100
 123 52.3 45.5 68.3
 65 12.7 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

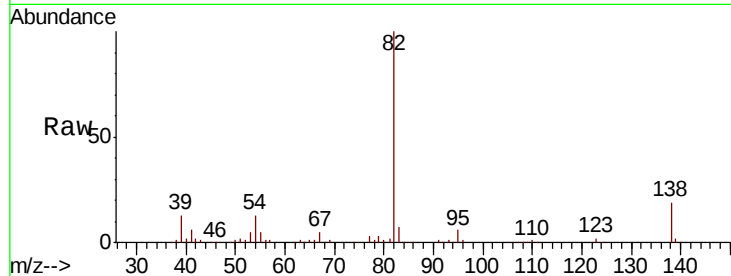




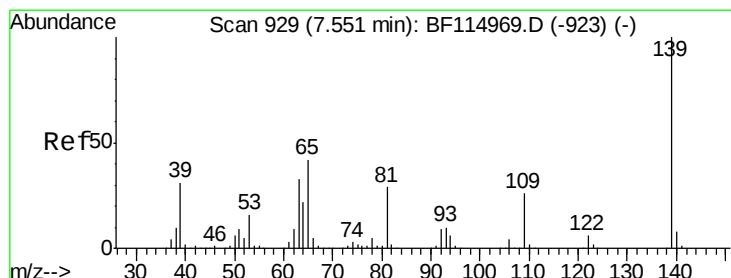
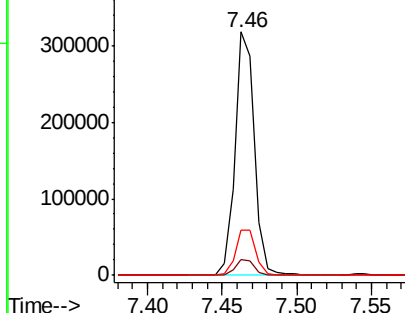
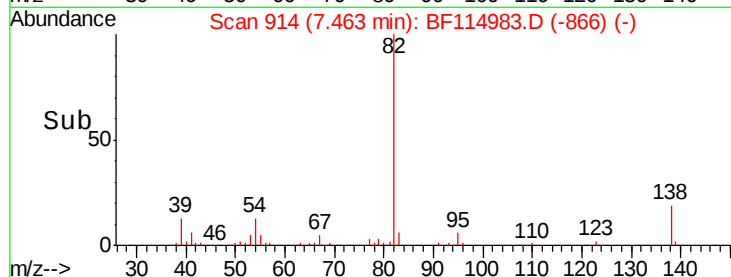
#25
Isophorone
Concen: 7.936 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion: 82 Resp: 291585
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 18.6 16.1 24.1

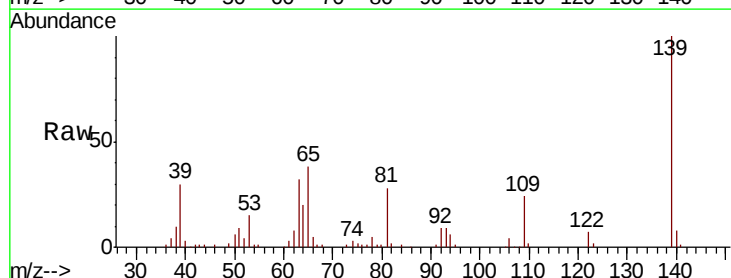


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

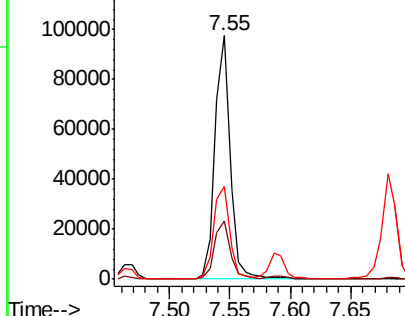
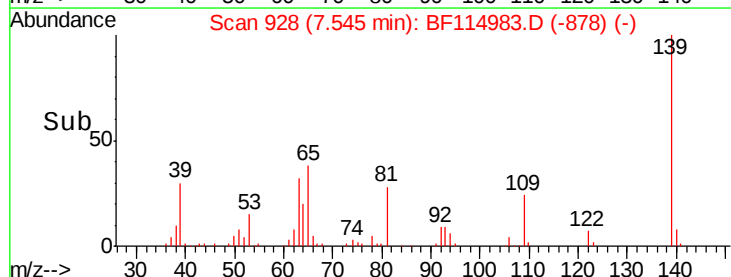


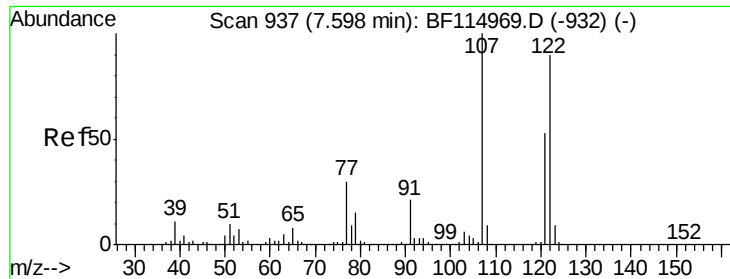
#26
2-Nitrophenol
Concen: 7.587 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion: 139 Resp: 84406
Ion Ratio Lower Upper
139 100
109 23.7 20.8 31.2
65 38.0 33.4 50.2



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

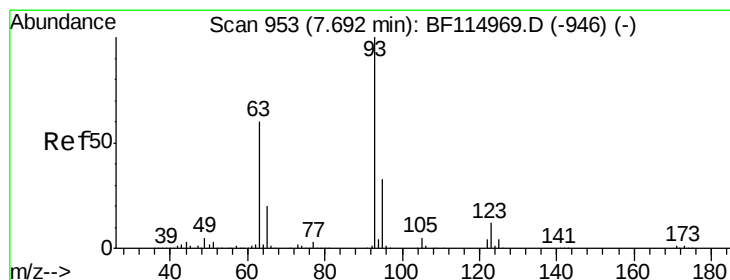
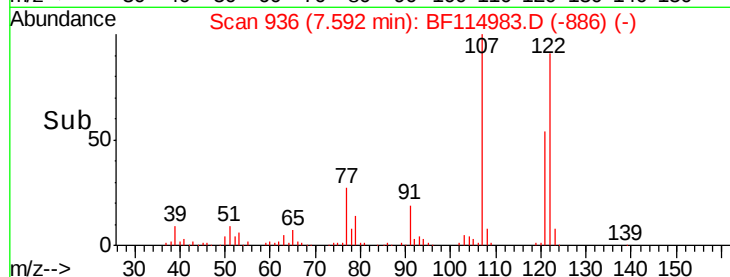
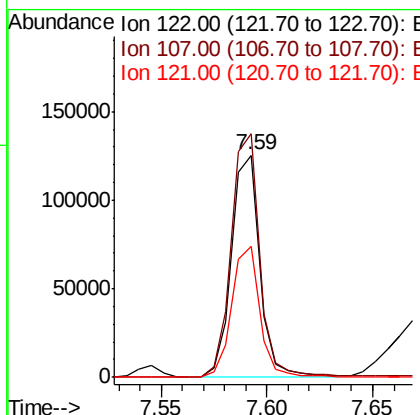
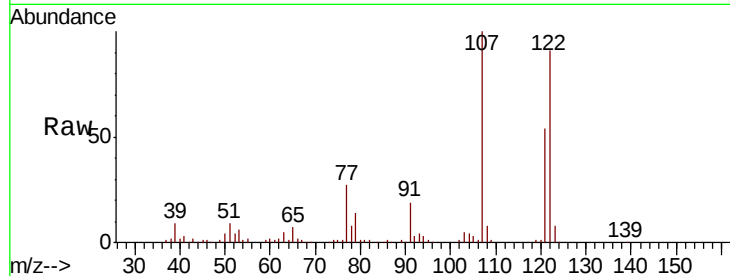




#27
2,4-Dimethylphenol
Concen: 7.248 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

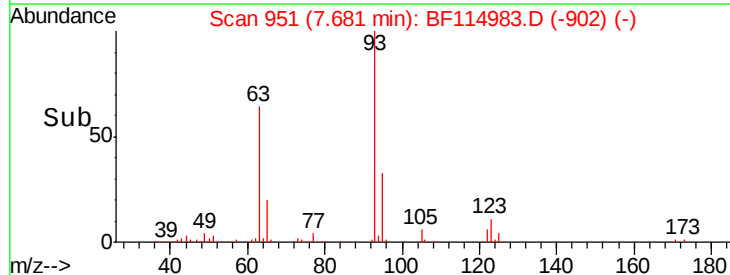
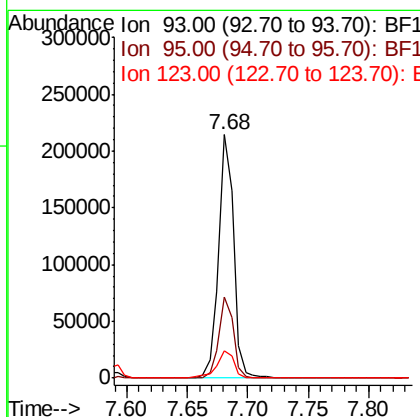
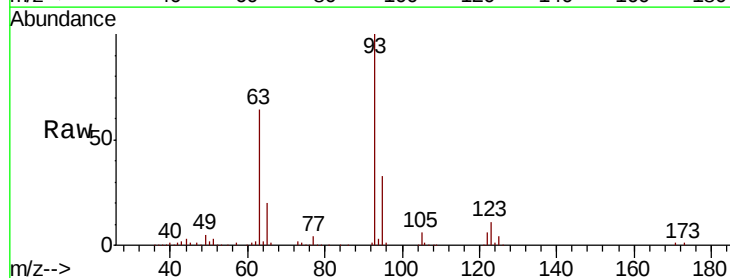
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

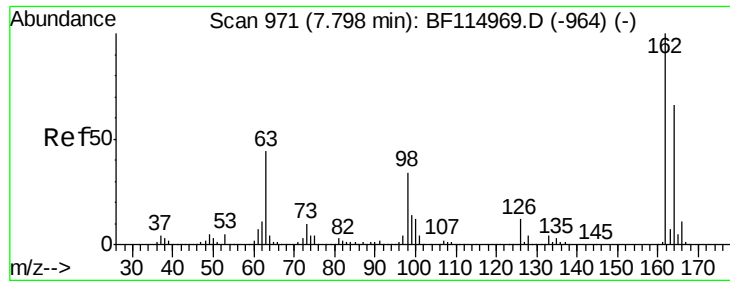
Tgt Ion:122 Resp: 116324
Ion Ratio Lower Upper
122 100
107 109.5 88.8 133.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 7.722 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion: 93 Resp: 182024
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 11.3 9.9 14.9

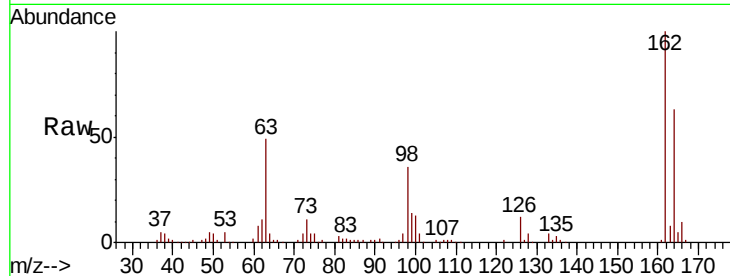




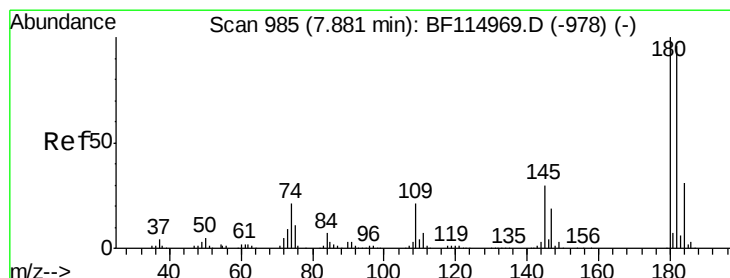
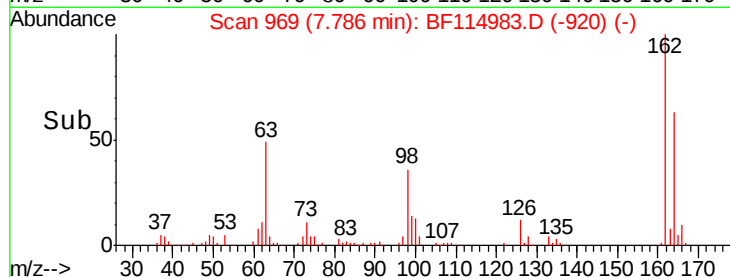
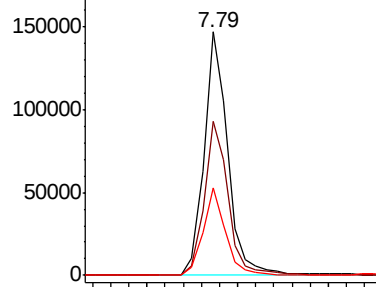
#29
2,4-Dichlorophenol
Concen: 7.880 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.7	85.7
98	35.7	14.0	54.0

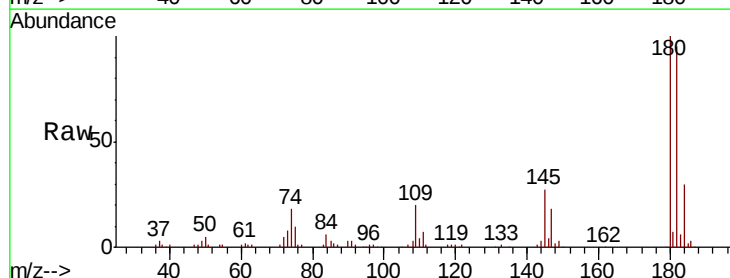


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

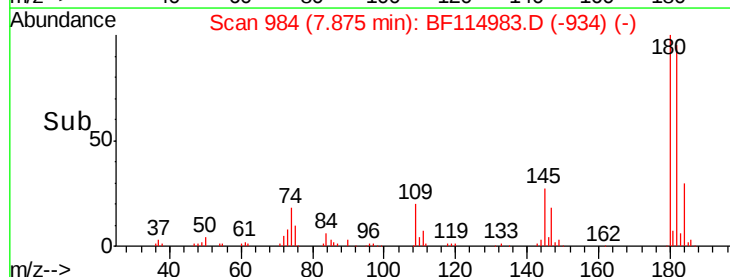
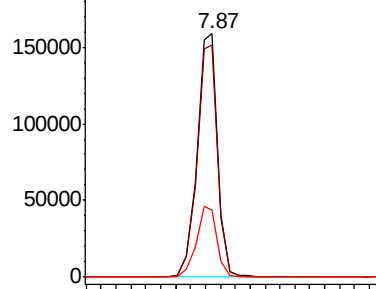


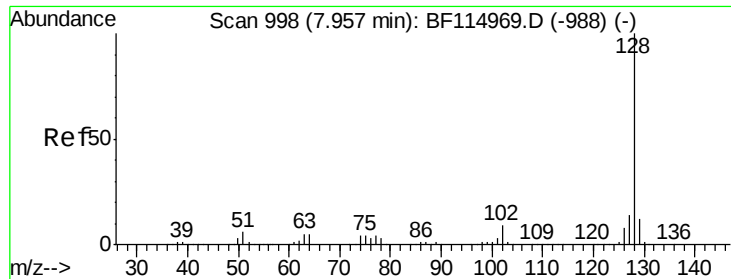
#30
1,2,4-Trichlorobenzene
Concen: 7.871 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.7	115.1
145	27.3	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

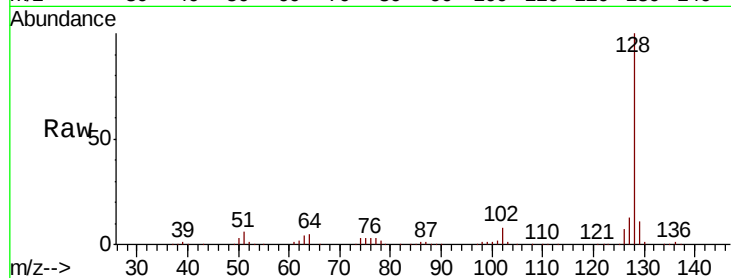




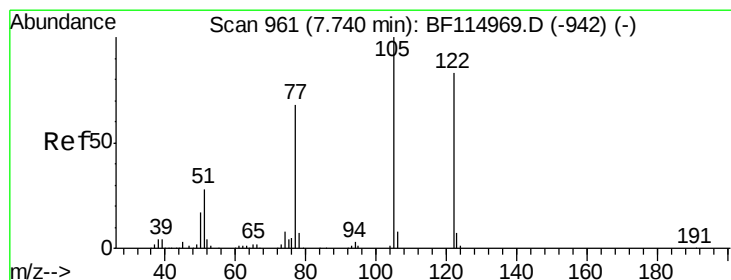
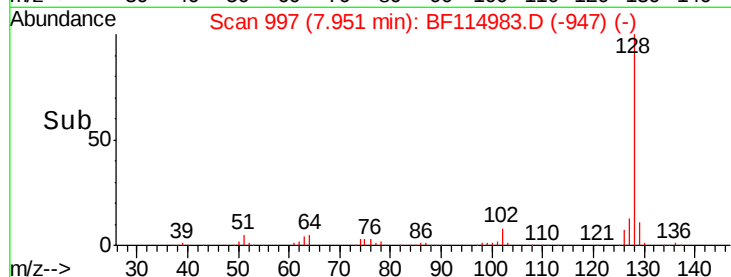
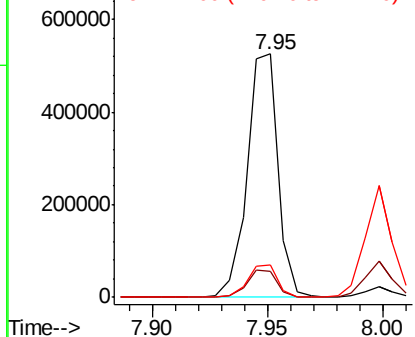
#31
Naphthalene
Concen: 8.791 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion:128 Resp: 491166
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.1 11.5 17.3

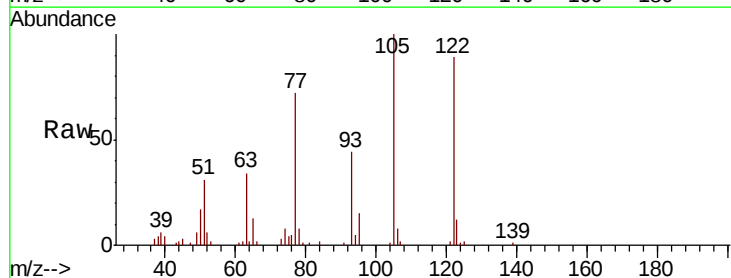


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

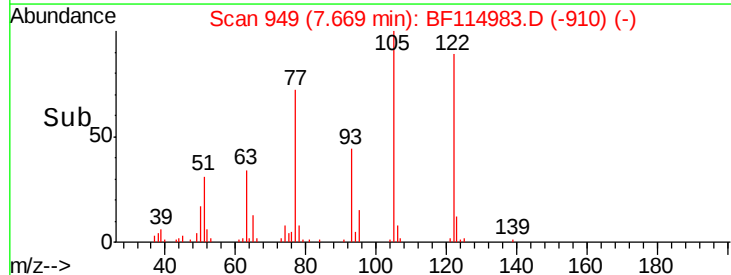
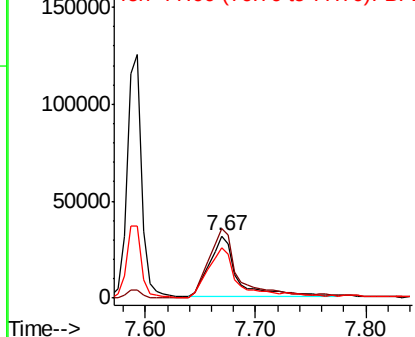


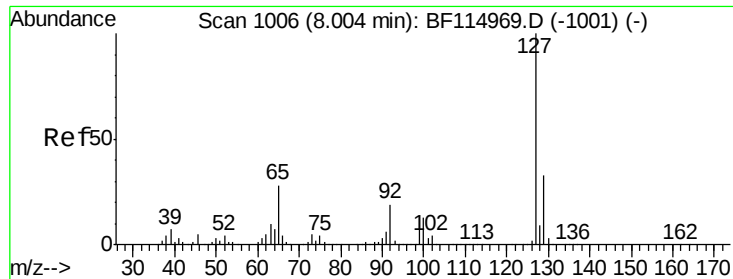
#32
Benzoic acid
Concen: 4.759 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.07 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:122 Resp: 55262
Ion Ratio Lower Upper
122 100
105 112.2 98.6 138.6
77 81.1 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

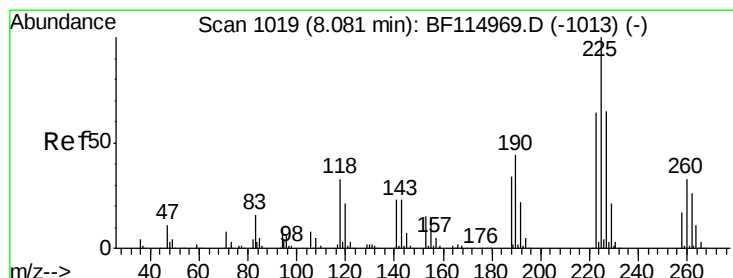
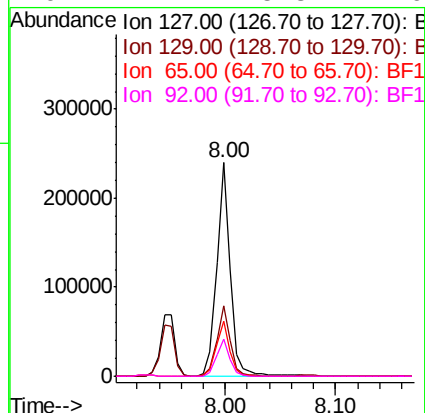
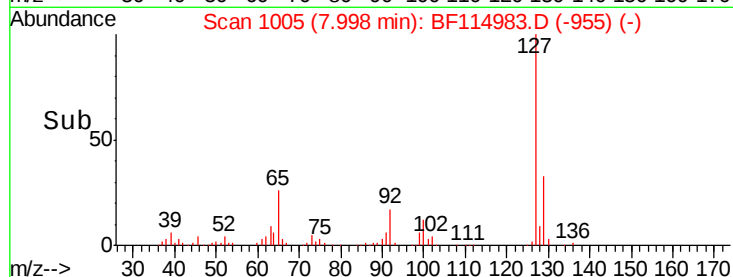
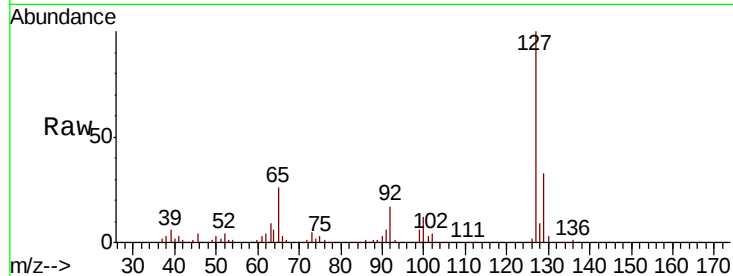




#33
4-Chloroaniline
Concen: 7.846 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

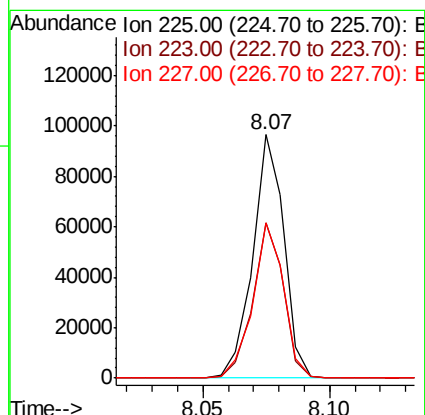
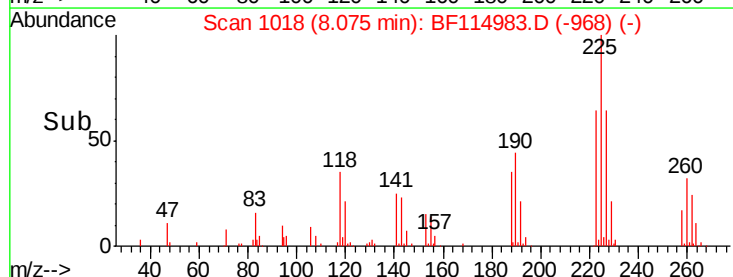
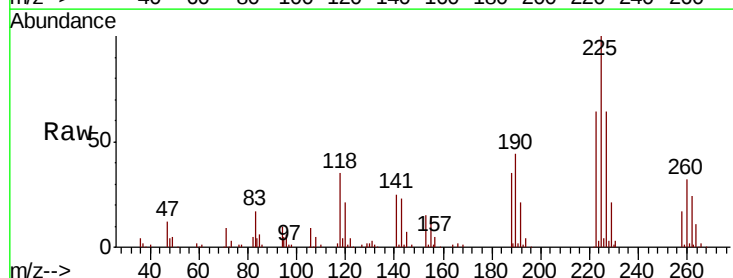
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

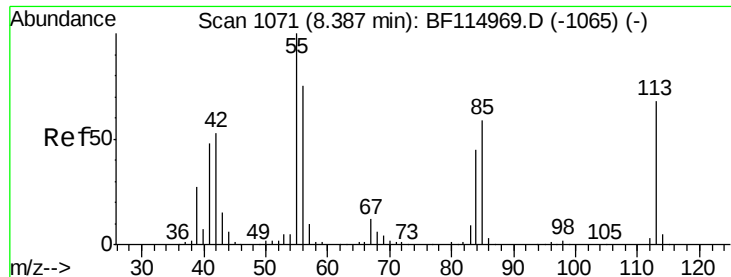
Tgt Ion:	127	Resp:	202358
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	25.8	22.3	33.5
92	17.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 7.569 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	225	Resp:	82419
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.9	51.7	77.5

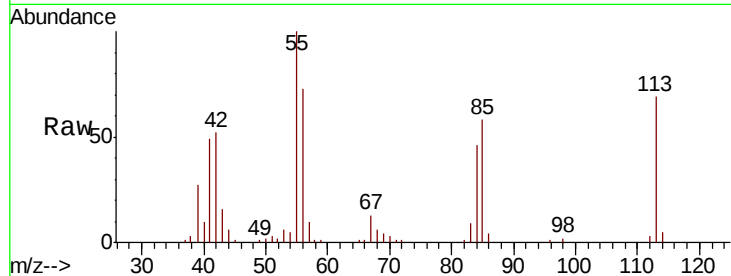




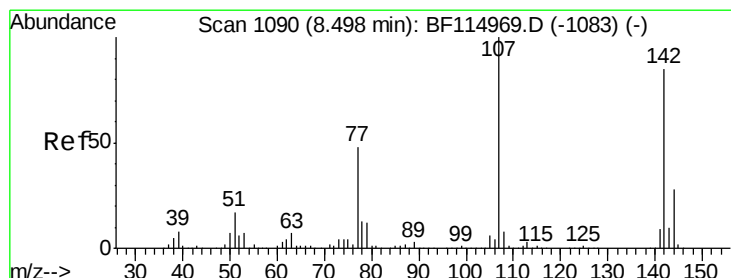
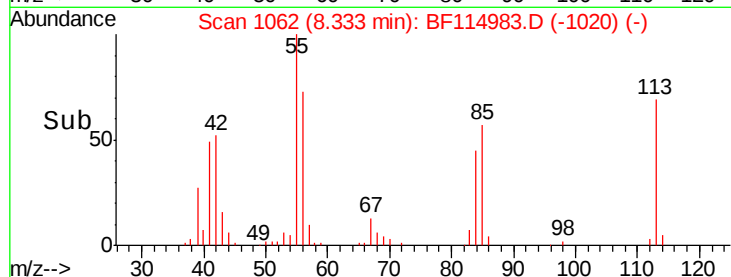
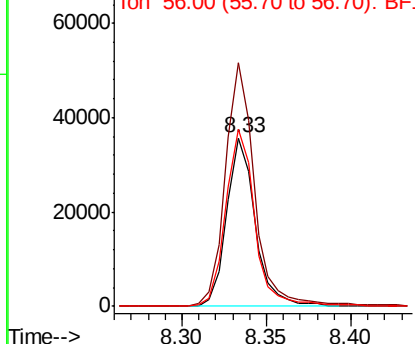
#35
 Caprolactam
 Concen: 7.389 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion:113 Resp: 41727
 Ion Ratio Lower Upper
 113 100
 55 144.4 127.3 167.3
 56 104.9 90.6 130.6

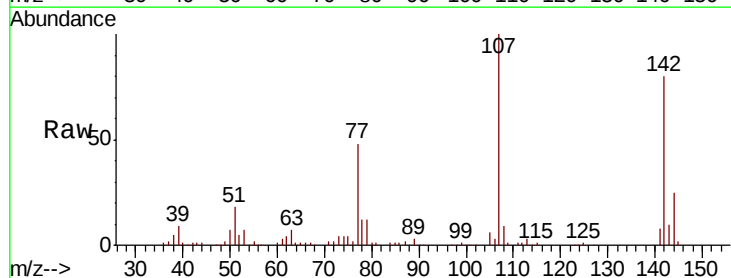


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

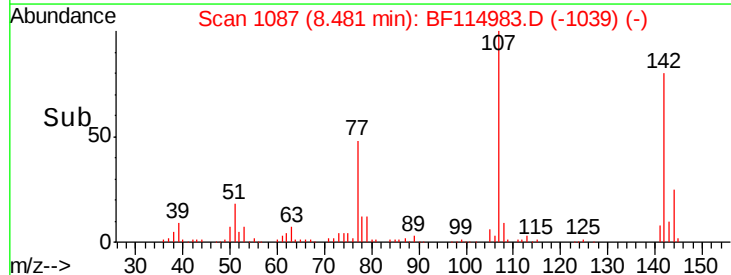
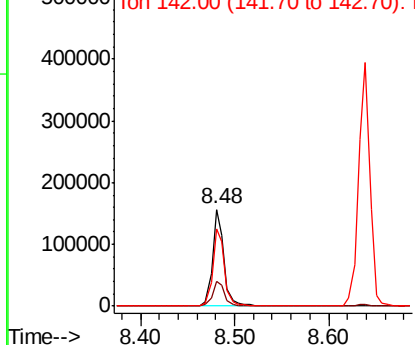


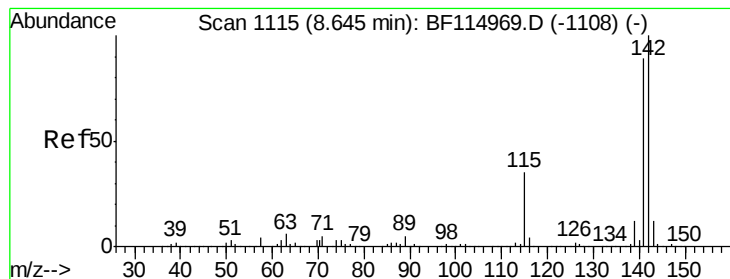
#36
 4-Chloro-3-methylphenol
 Concen: 7.945 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion:107 Resp: 135757
 Ion Ratio Lower Upper
 107 100
 144 25.4 22.0 33.0
 142 80.2 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: 8.848 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

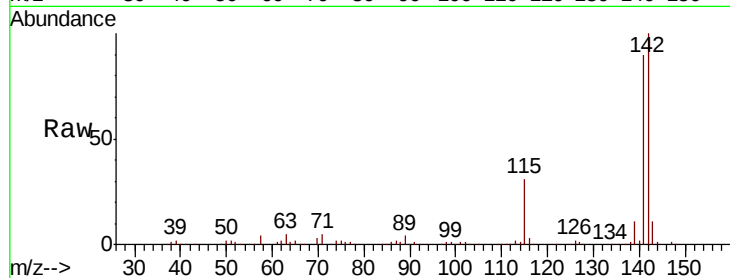
Tgt Ion:142 Resp: 329709

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

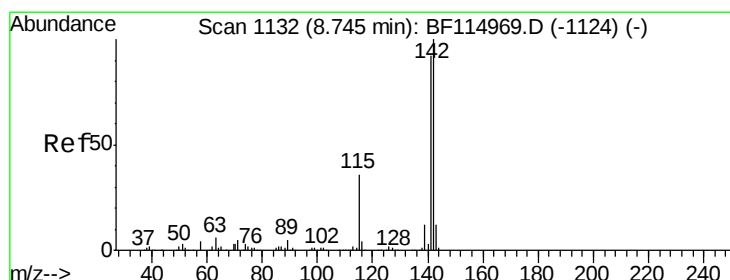
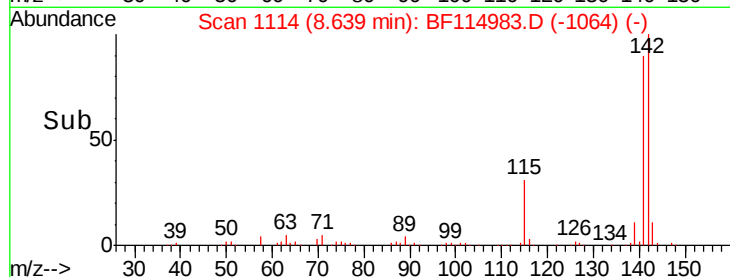
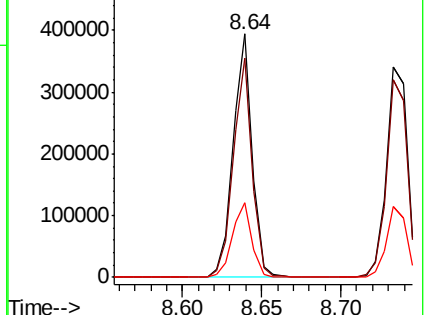
115 30.6 27.9 41.9



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: 8.843 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

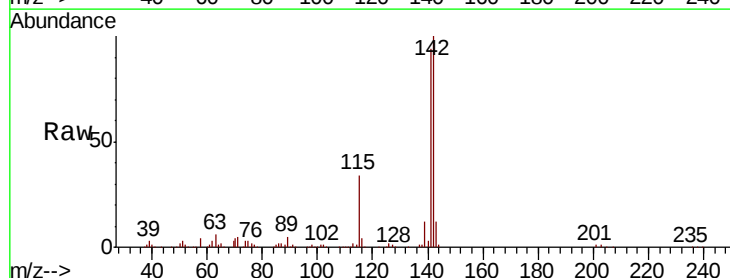
Tgt Ion:142 Resp: 311432

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.8

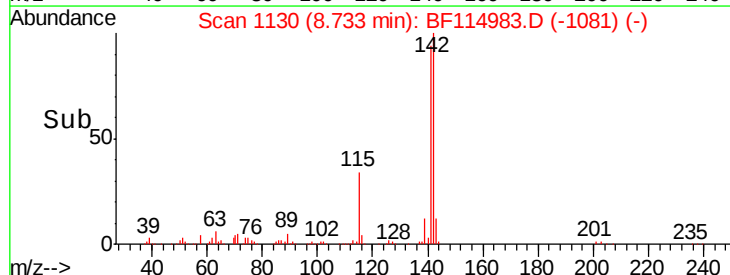
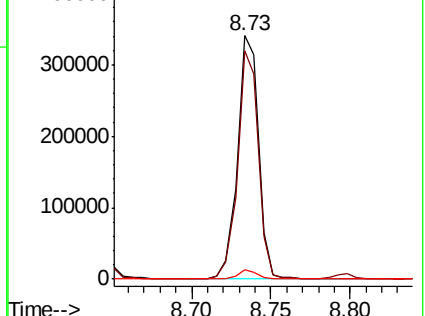
116 3.6 2.9 4.3

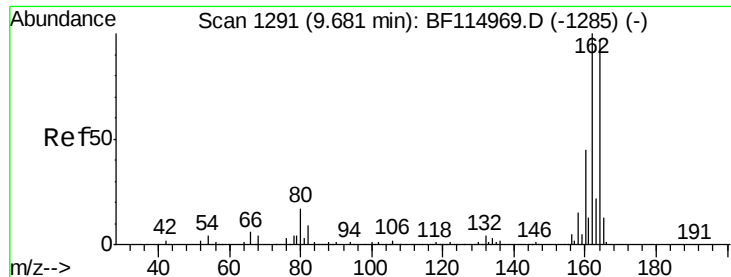


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

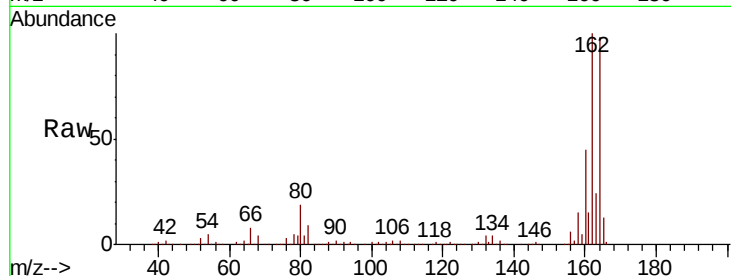




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	124.0
160	45.7	36.9	55.3

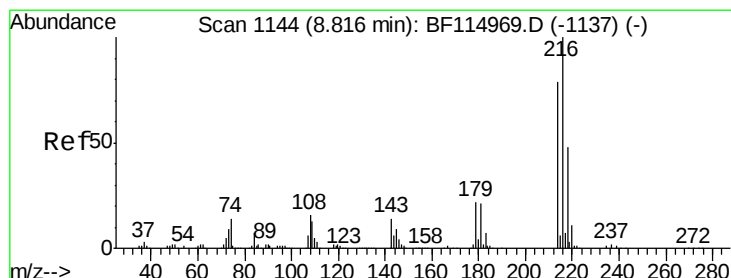
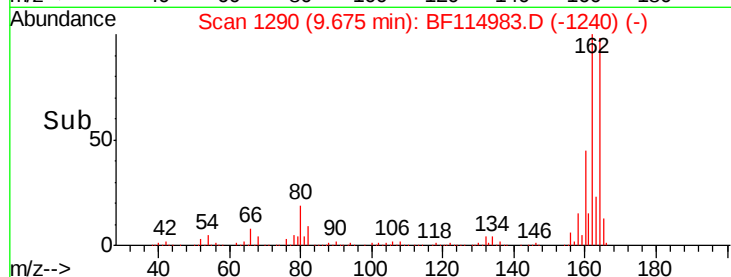
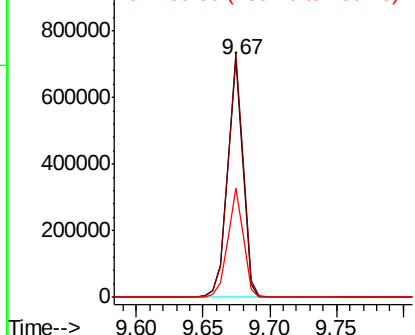


Abundance

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: 8.179 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	22.0	18.2	27.4
108	17.8	15.0	22.6

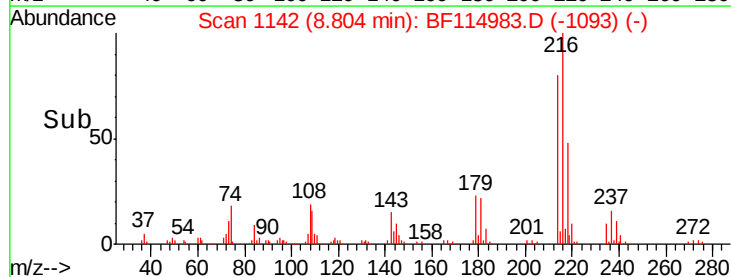
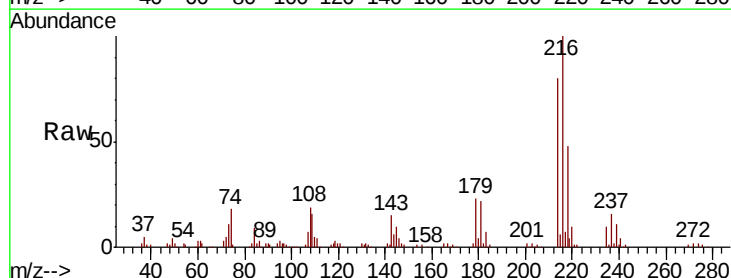
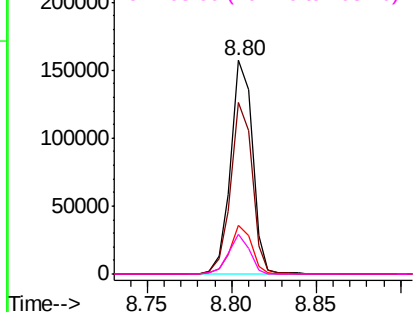
Abundance

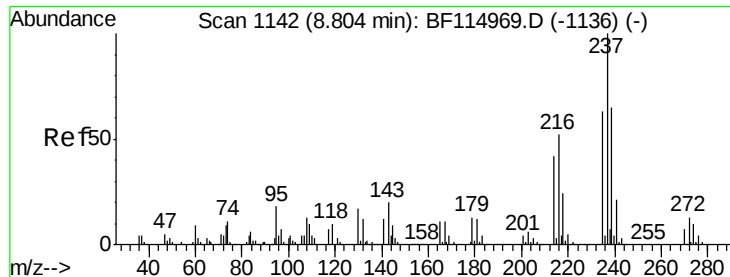
Ion 216.00 (215.70 to 216.70): E

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: 4.944 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

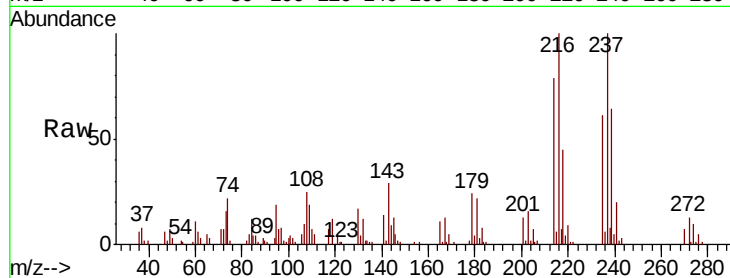
Tgt Ion: 237 Resp: 42219

Ion Ratio Lower Upper

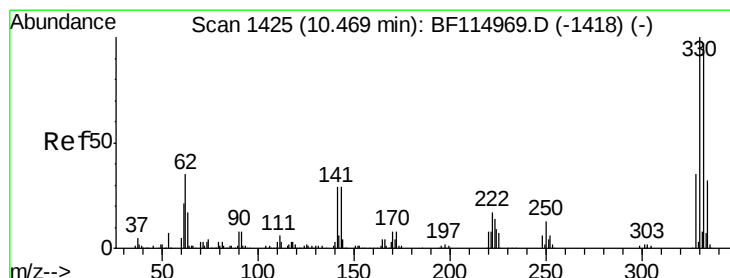
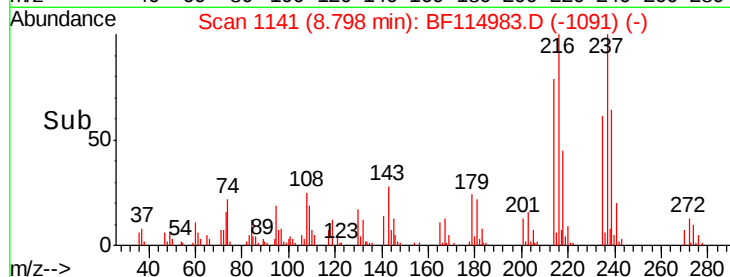
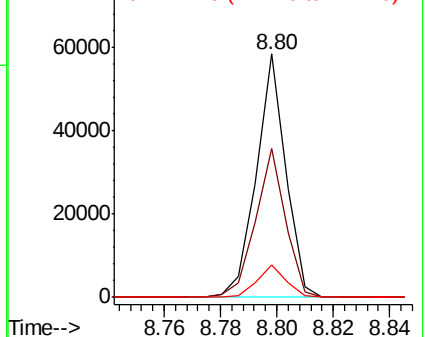
237 100

235 61.4 42.7 82.7

272 13.3 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: 105.036 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

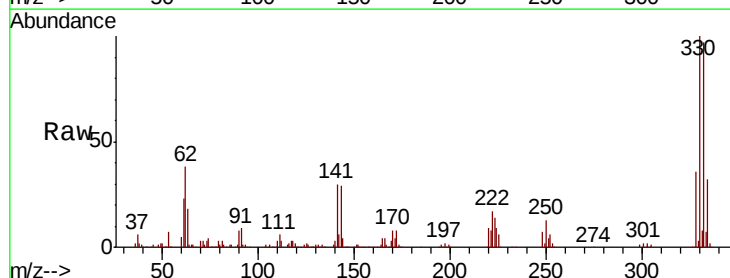
Tgt Ion: 330 Resp: 659780

Ion Ratio Lower Upper

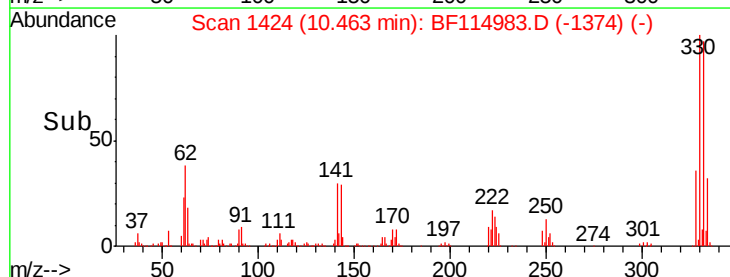
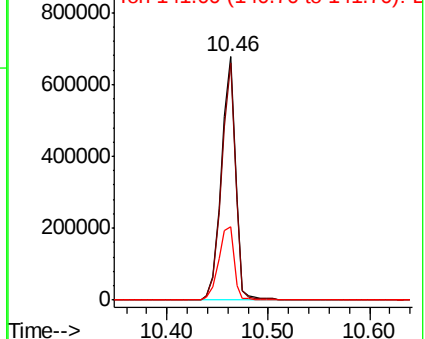
330 100

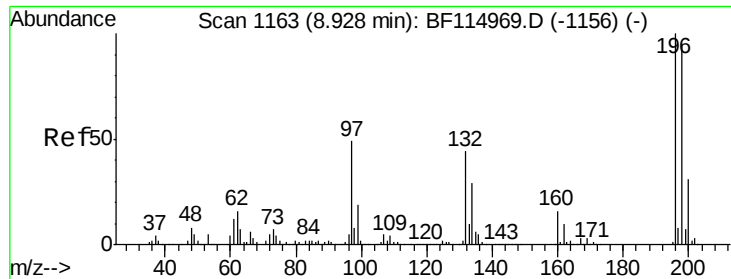
332 96.5 77.6 116.4

141 33.1 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

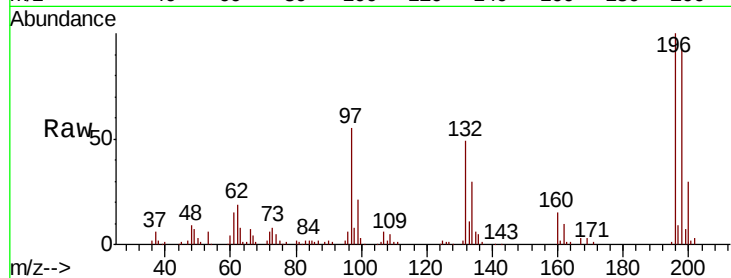




#43
 2,4,6-Trichlorophenol
 Concen: 7.297 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.8	113.8
200	30.2	24.9	37.3

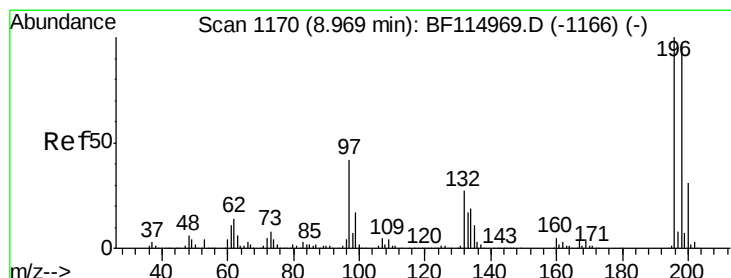
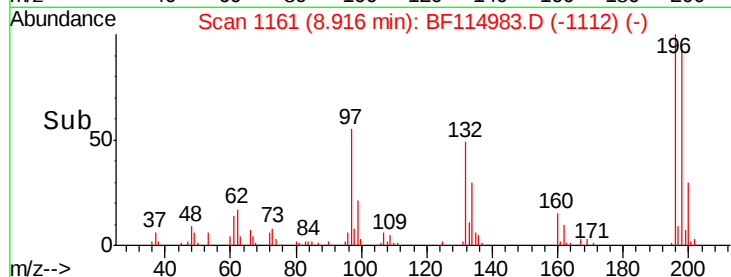
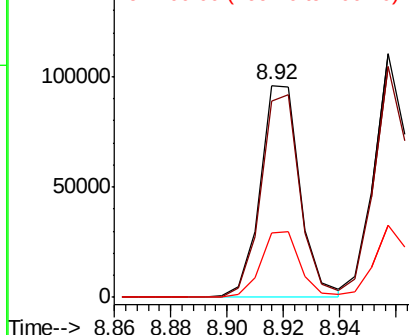


Abundance

Ion 196.00 (195.70 to 196.70): E

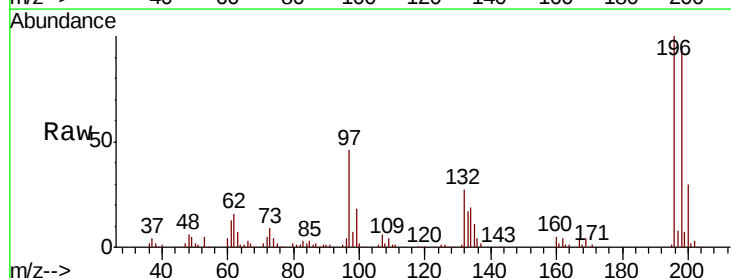
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 7.516 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	45.6	34.2	51.4
132	27.4	22.1	33.1



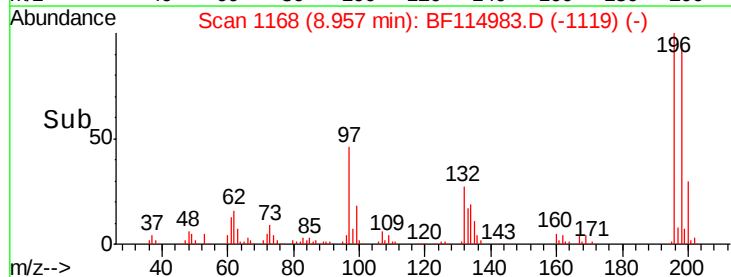
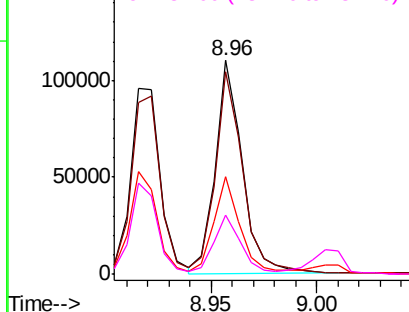
Abundance

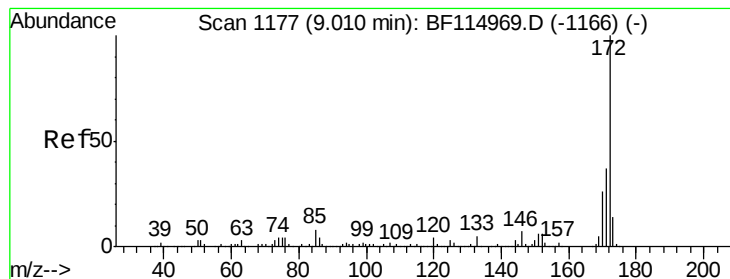
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 71.632 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

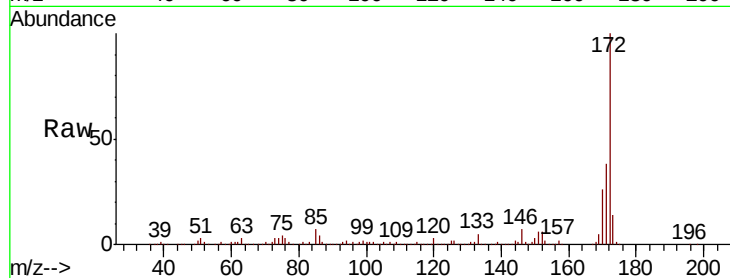
Tgt Ion:172 Resp: 2479193

Ion Ratio Lower Upper

172 100

171 37.7 29.8 44.6

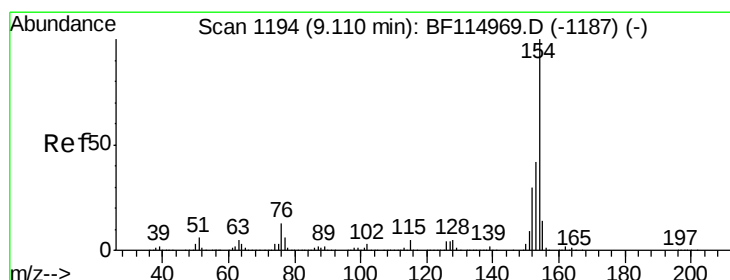
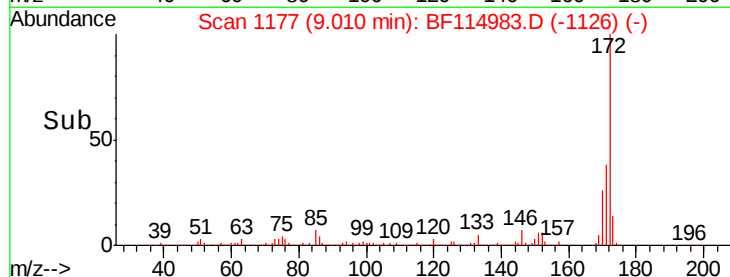
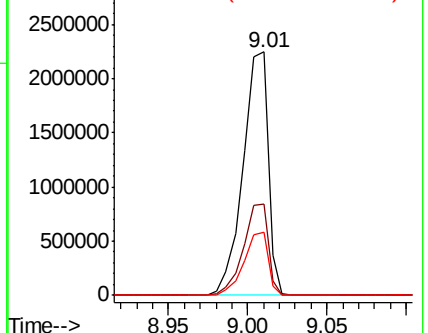
170 25.8 20.6 31.0



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: 8.477 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

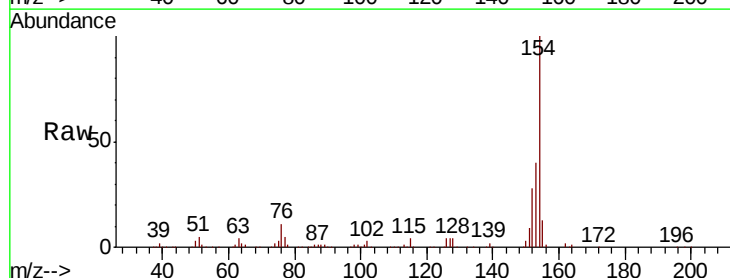
Tgt Ion:154 Resp: 398483

Ion Ratio Lower Upper

154 100

153 40.4 22.4 62.4

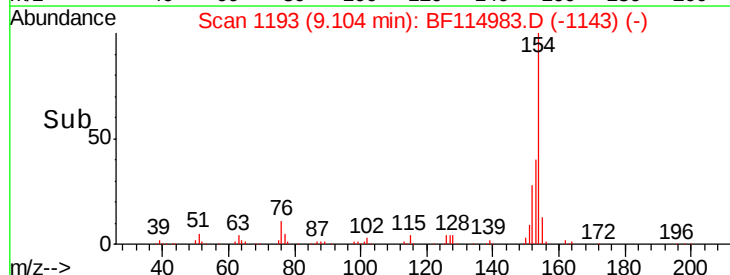
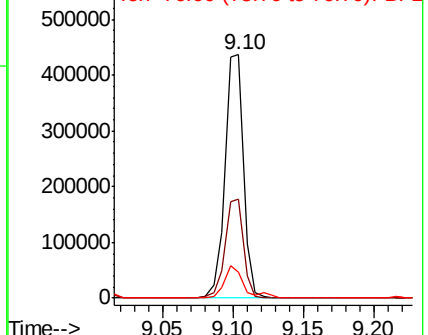
76 10.5 0.0 33.3

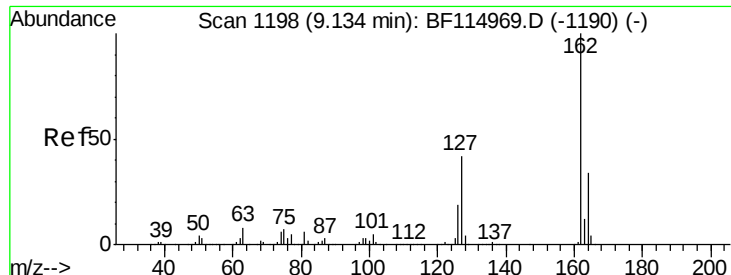


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 8.062 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

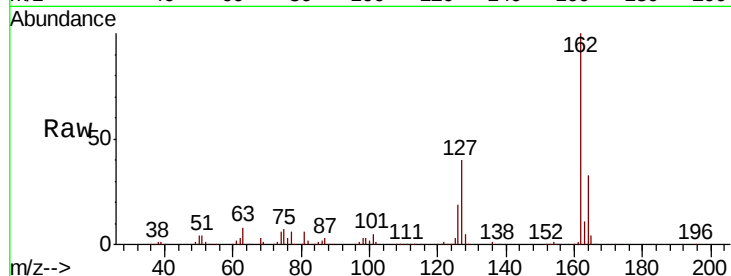
Tgt Ion: 162 Resp: 306448

Ion Ratio Lower Upper

162 100

127 40.2 33.4 50.2

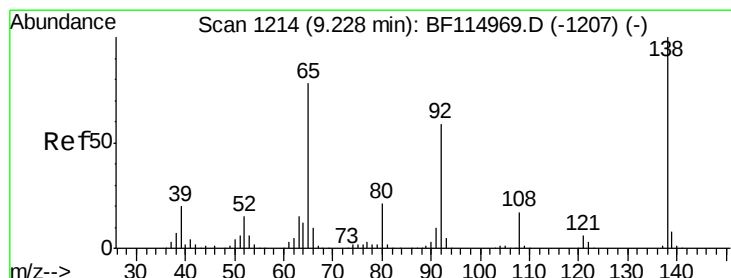
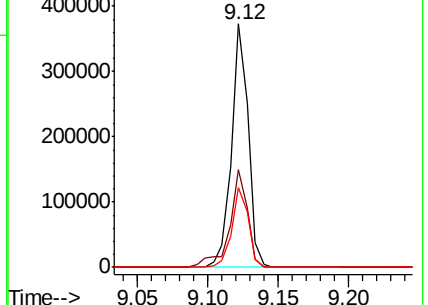
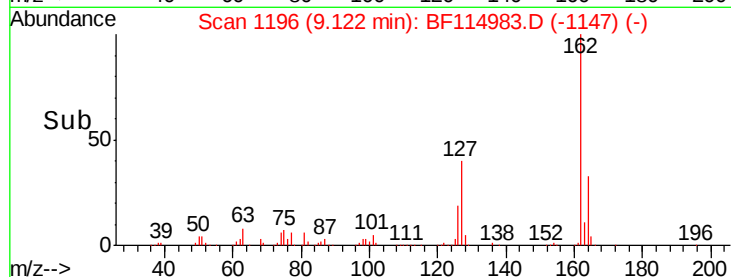
164 32.7 27.2 40.8



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: 7.109 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

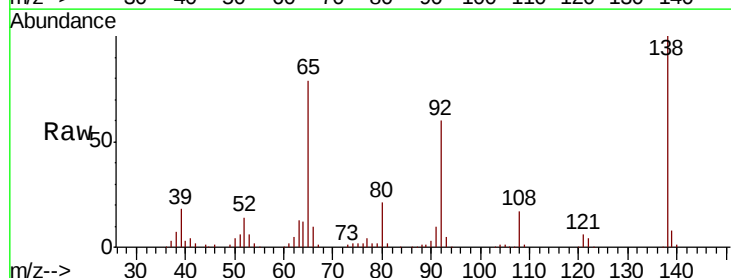
Tgt Ion: 65 Resp: 79875

Ion Ratio Lower Upper

65 100

92 76.0 60.5 90.7

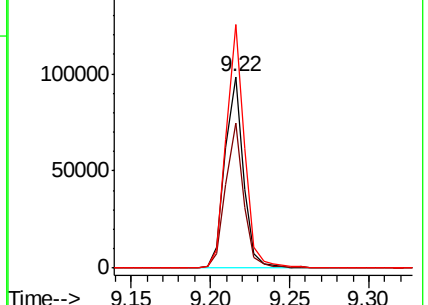
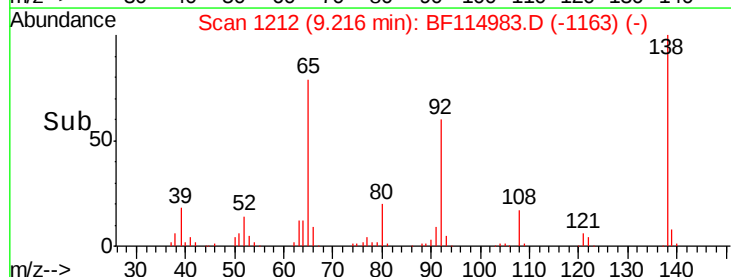
138 127.3 102.0 153.0

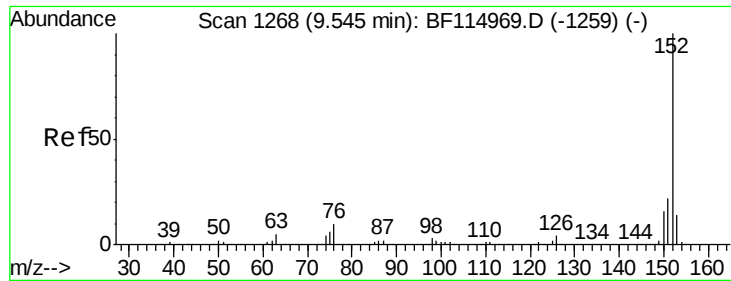


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.479 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

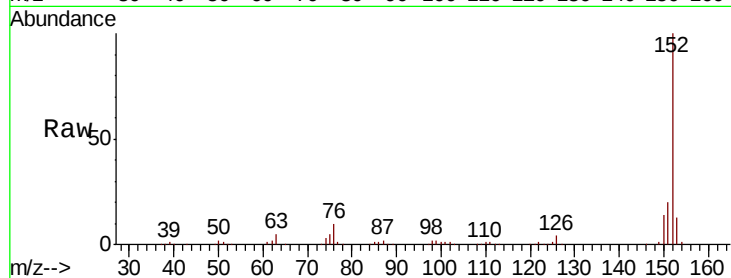
Tgt Ion:152 Resp: 495556

Ion Ratio Lower Upper

152 100

151 20.0 17.5 26.3

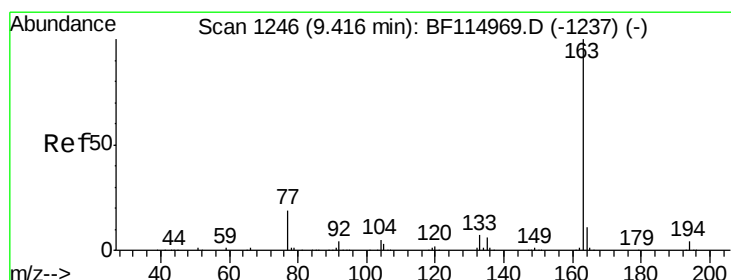
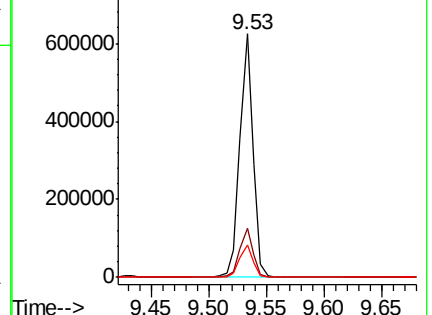
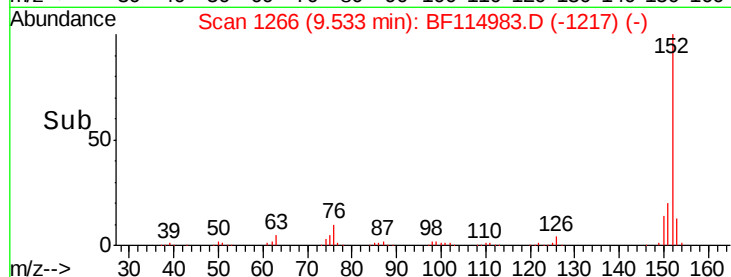
153 13.2 11.2 16.8



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: 7.846 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

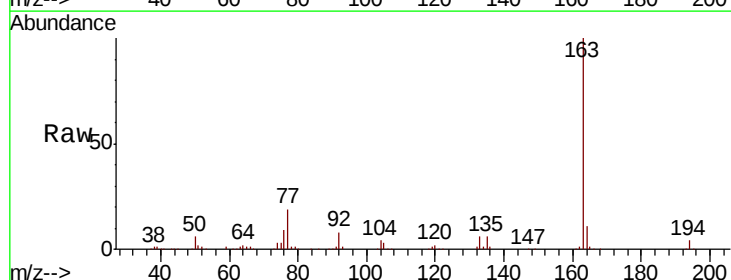
Tgt Ion:163 Resp: 346122

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

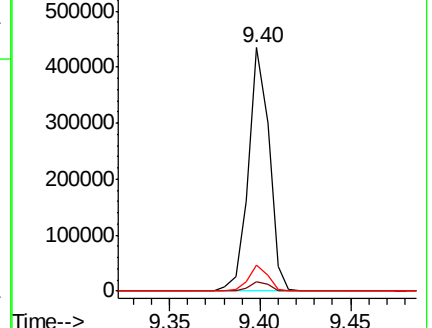
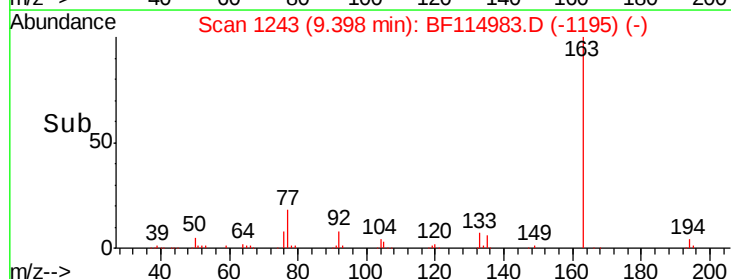
164 10.7 8.6 12.8

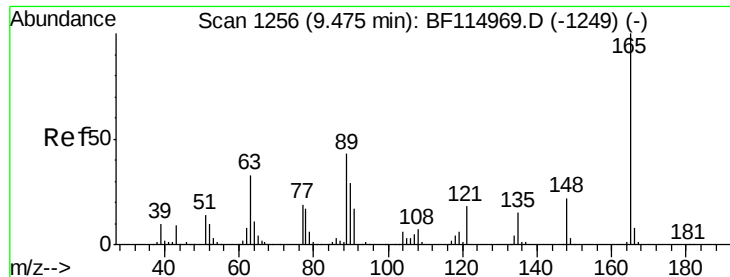


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.601 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

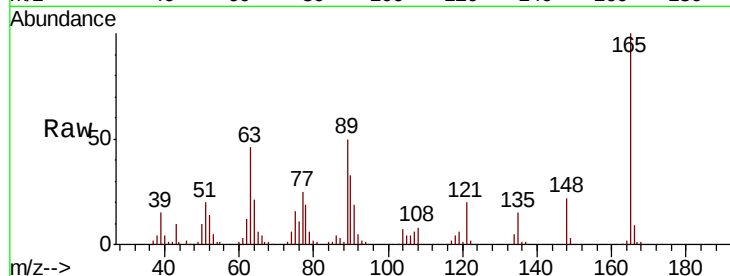
Tgt Ion:165 Resp: 76057

Ion Ratio Lower Upper

165 100

63 46.3 30.6 46.0#

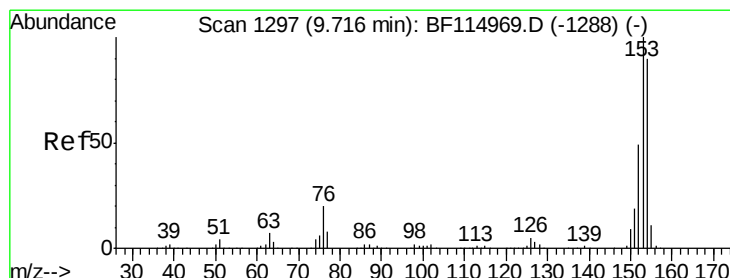
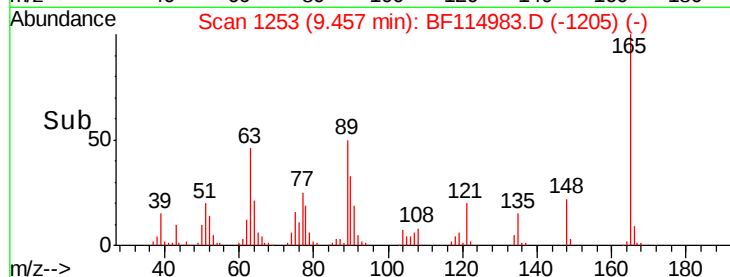
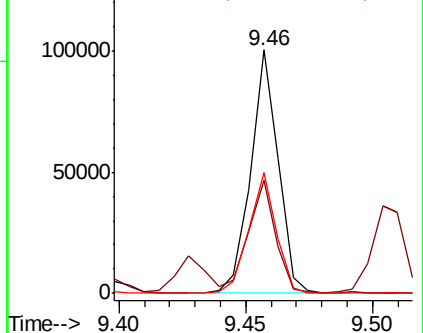
89 49.5 34.4 51.6



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: 8.638 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

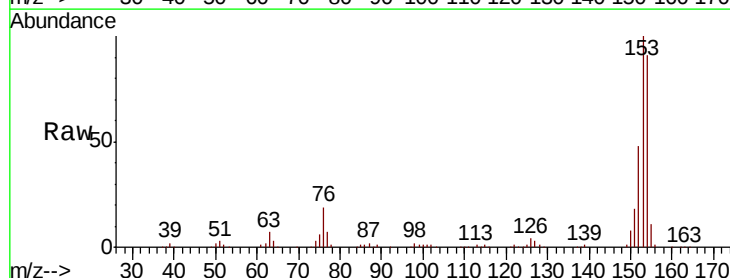
Tgt Ion:154 Resp: 288817

Ion Ratio Lower Upper

154 100

153 109.9 88.5 132.7

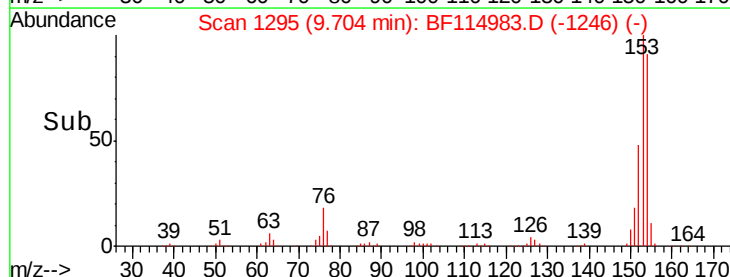
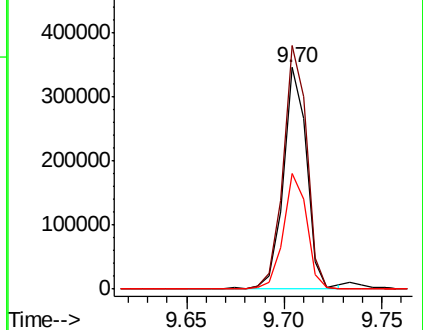
152 52.2 43.6 65.4

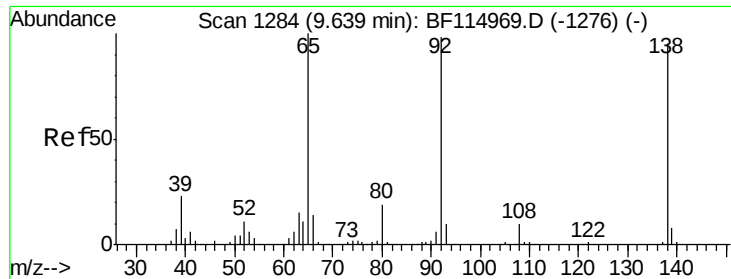


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

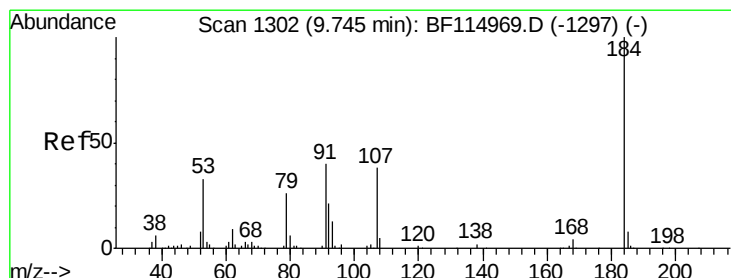
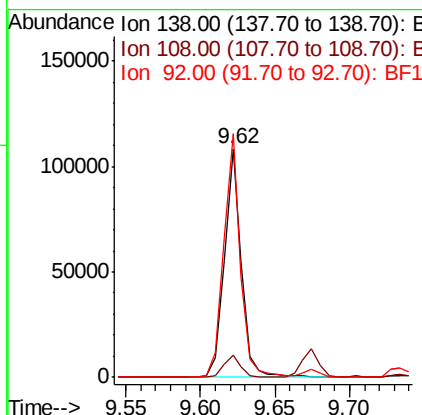
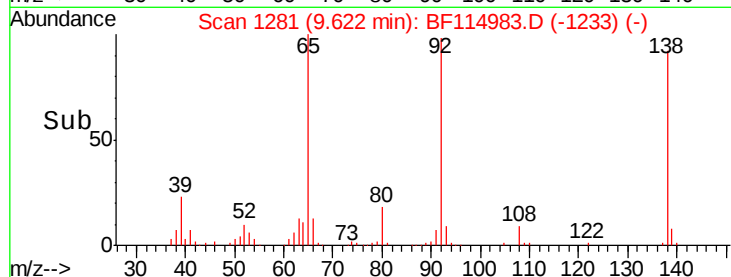
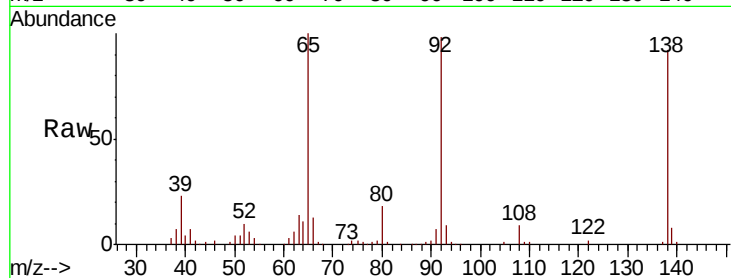




#53
 3-Nitroaniline
 Concen: 7.120 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

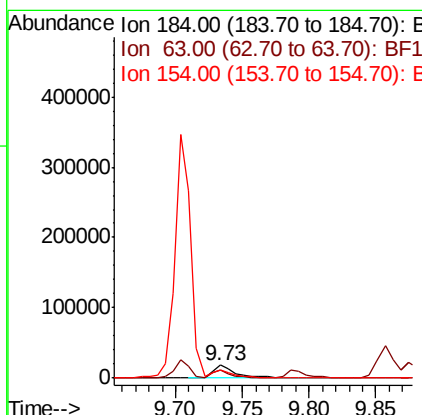
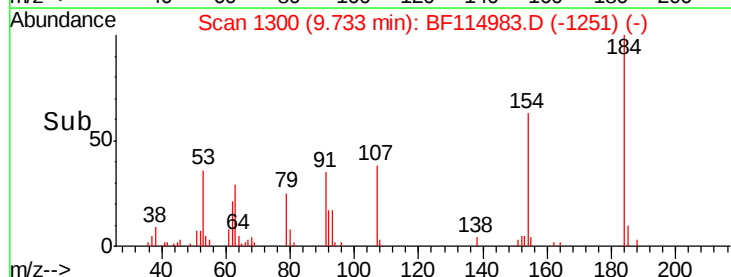
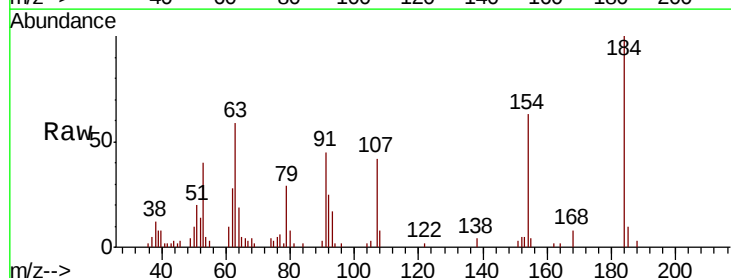
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

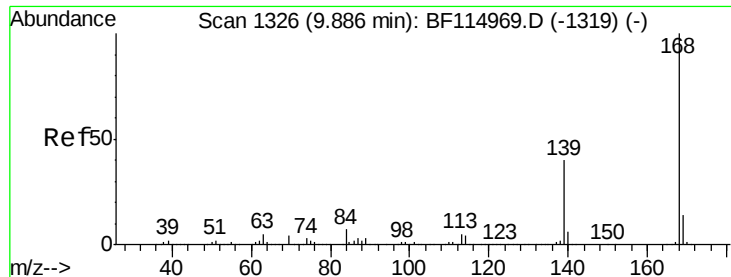
Tgt Ion:138 Resp: 87291
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 106.5 82.4 123.6



#54
 2,4-Dinitrophenol
 Concen: 4.624 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion:184 Resp: 22444
 Ion Ratio Lower Upper
 184 100
 63 58.8 40.5 60.7
 154 62.7 44.8 67.2

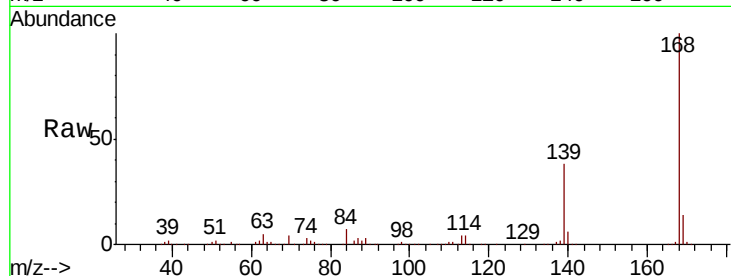




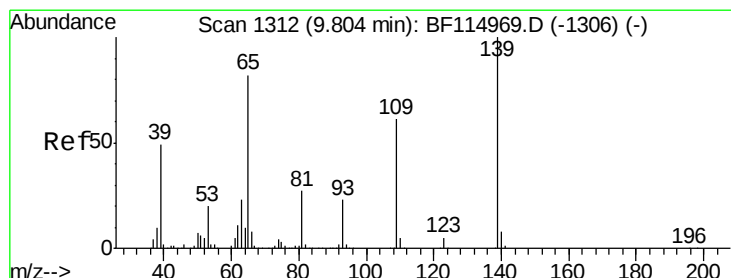
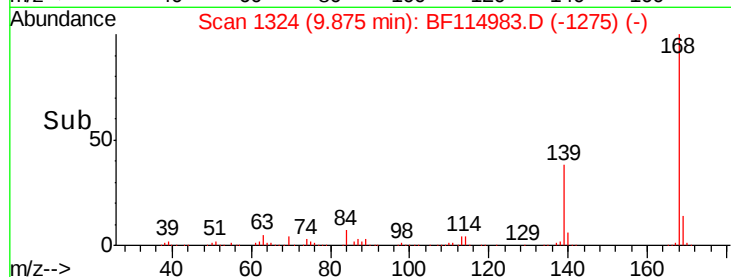
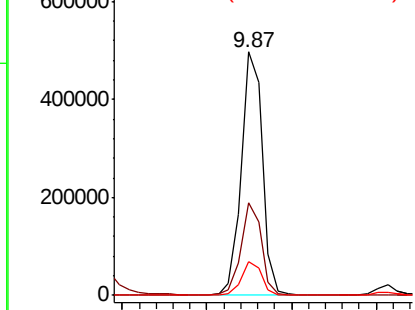
#55
Dibenzenofuran
Concen: 8.574 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion:168 Resp: 432092
Ion Ratio Lower Upper
168 100
139 38.2 32.5 48.7
169 13.8 11.5 17.3

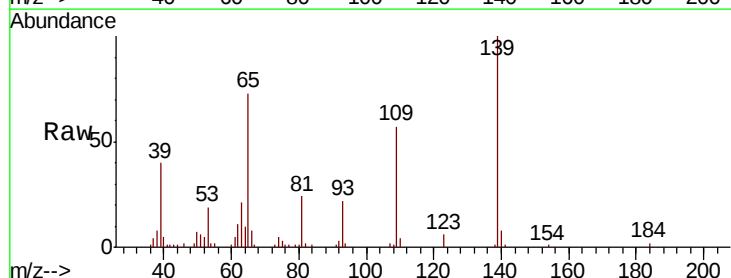


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

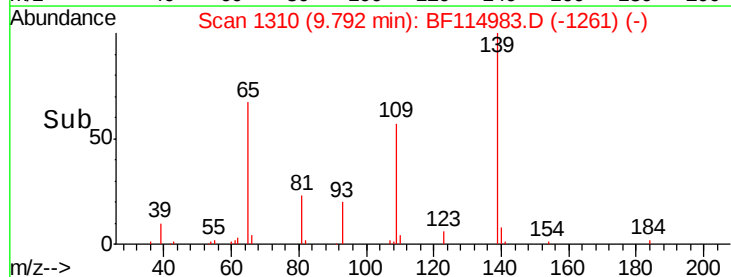
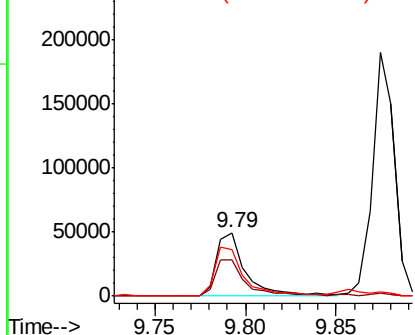


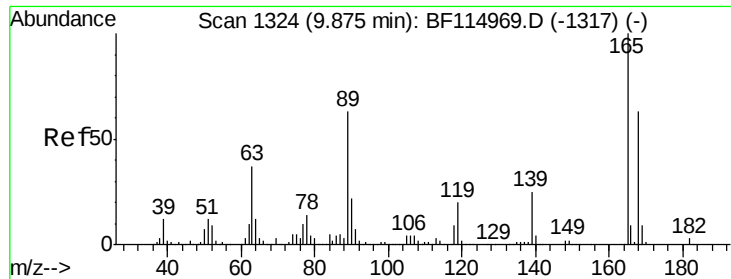
#56
4-Nitrophenol
Concen: 6.592 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:139 Resp: 55729
Ion Ratio Lower Upper
139 100
109 56.8 41.4 81.4
65 72.9 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

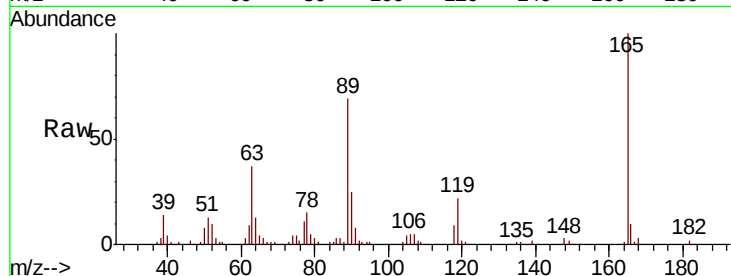




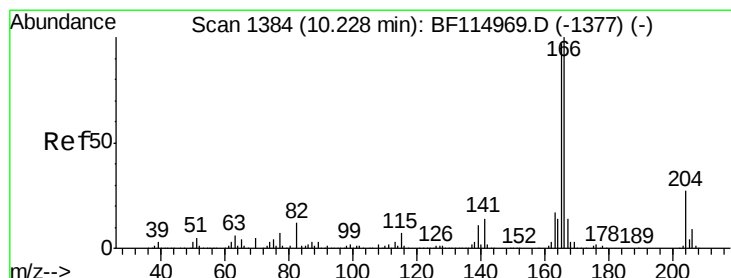
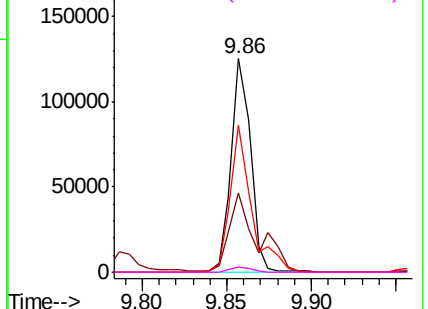
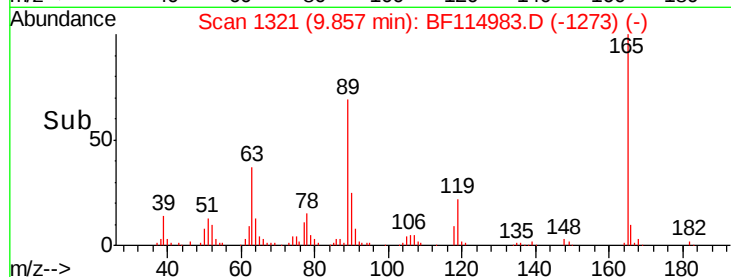
#57
 2,4-Dinitrotoluene
 Concen: 7.856 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion:	165	Resp:	100062
Ion	Ratio	Lower	Upper
165	100		
63	37.3	29.4	44.2
89	69.1	50.6	75.8
182	2.4	2.2	3.2

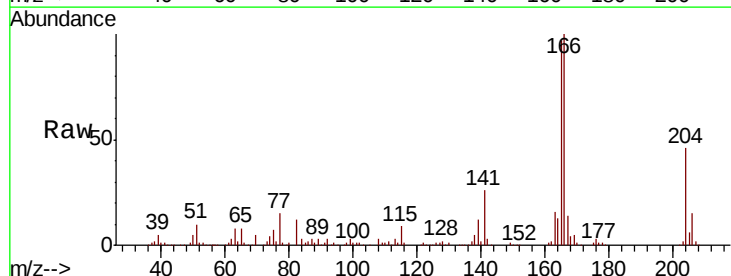


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

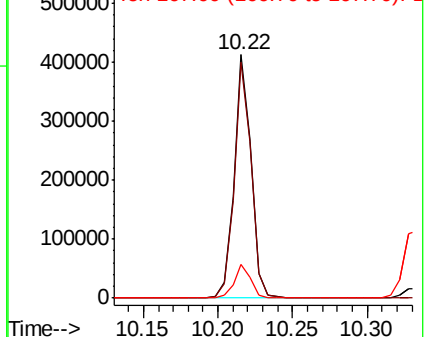
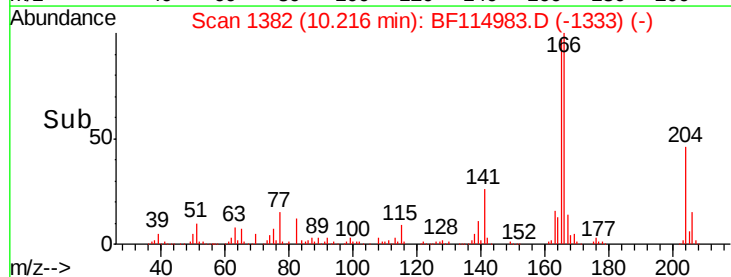


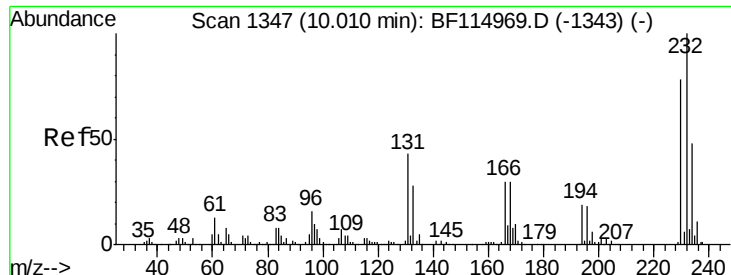
#58
 Fluorene
 Concen: 2.490 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion:	166	Resp:	331701
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.6	116.4
167	13.8	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

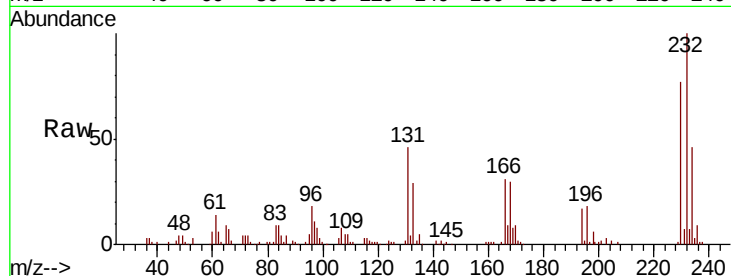




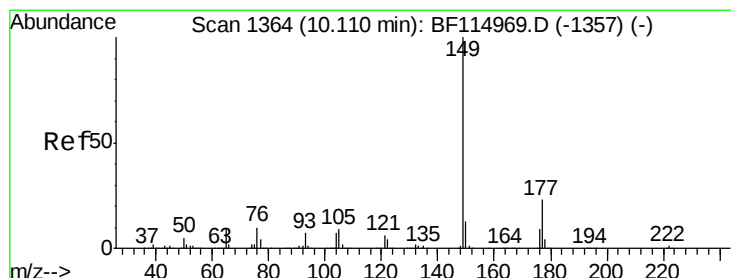
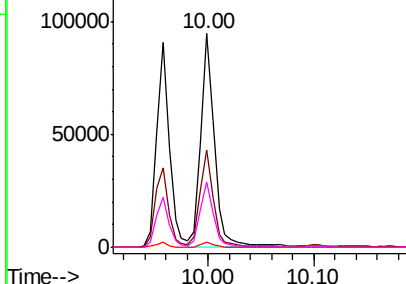
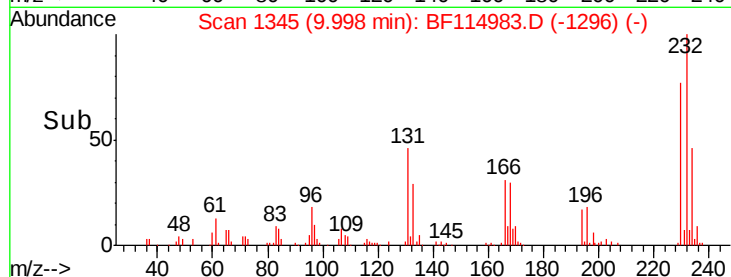
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.978 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion: 232 Resp: 84294
 Ion Ratio Lower Upper
 232 100
 131 45.3 36.9 55.3
 130 2.0 1.8 2.6
 166 30.7 24.8 37.2

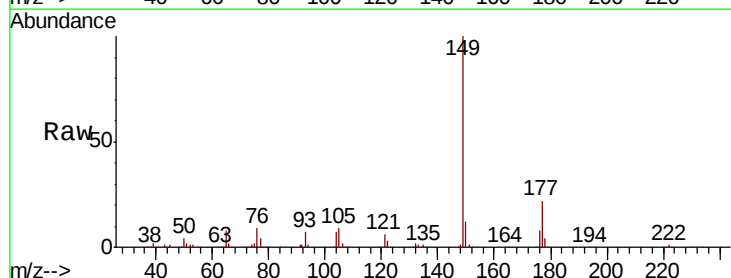


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

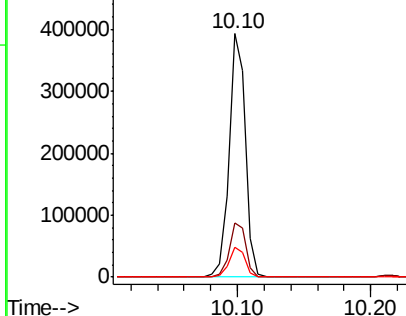
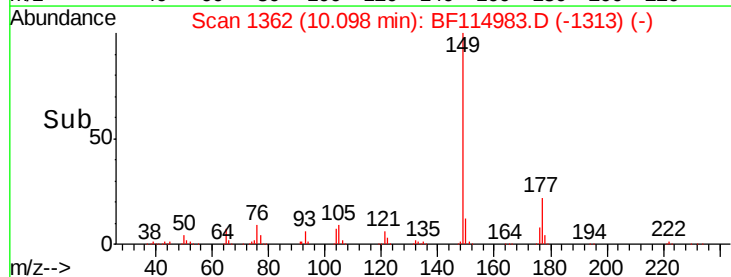


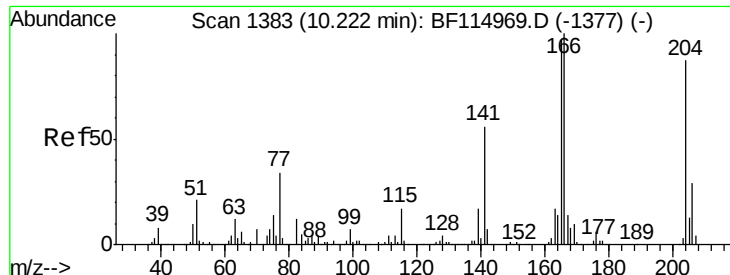
#60
 Diethylphthalate
 Concen: 8.006 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion: 149 Resp: 337675
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.6 27.8
 150 12.5 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

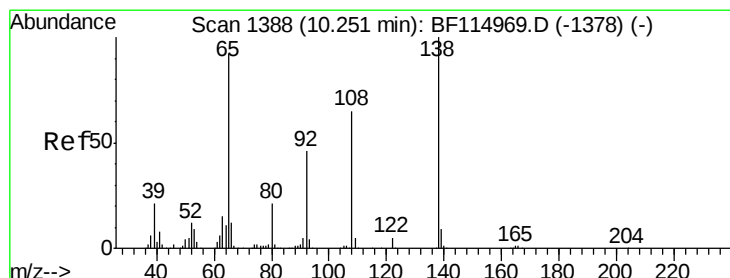
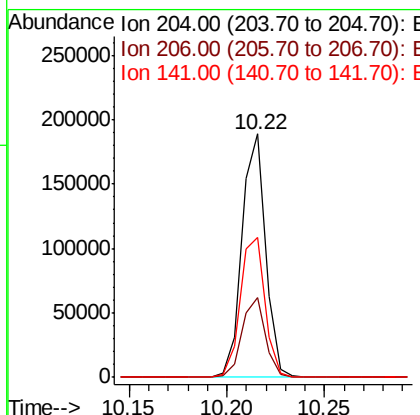
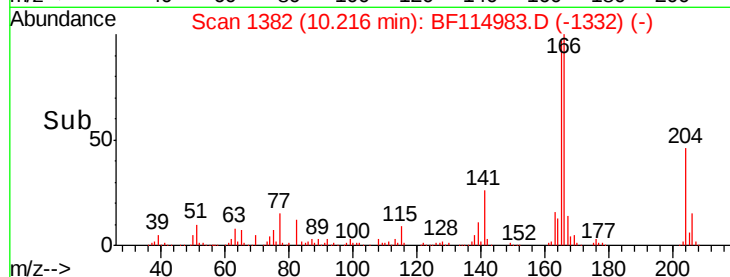
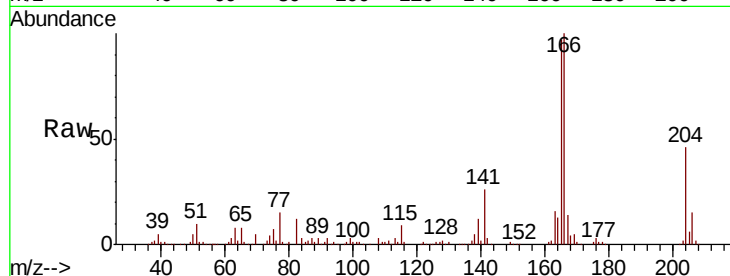




#61
 4-Chlorophenyl-phenylether
 Concen: 2.328 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

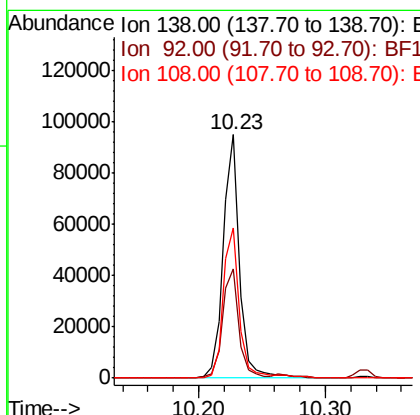
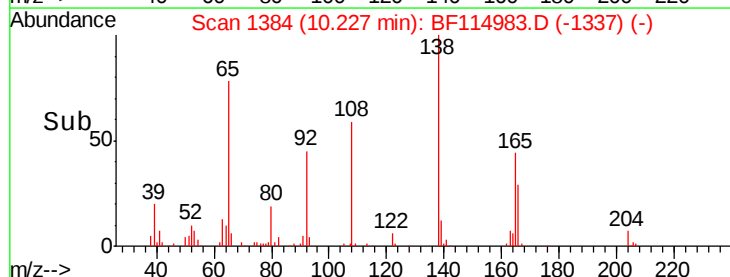
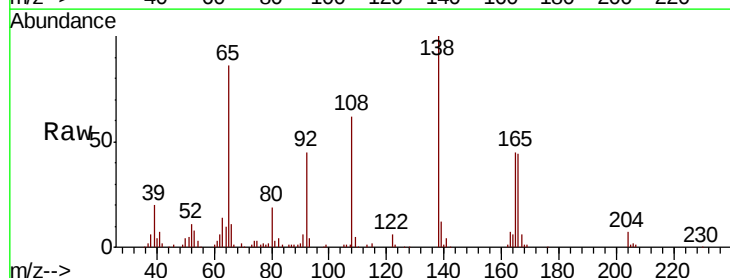
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

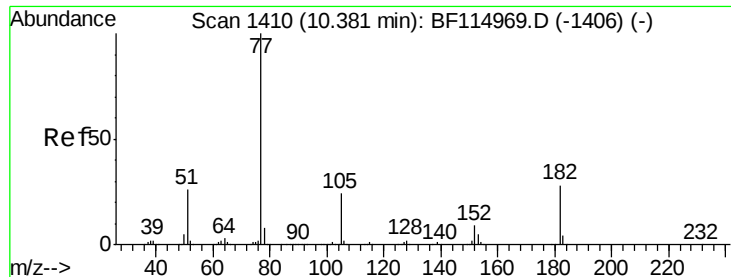
Tgt Ion: 204 Resp: 158644
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 57.6 51.8 77.8



#62
 4-Nitroaniline
 Concen: 6.923 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion: 138 Resp: 85339
 Ion Ratio Lower Upper
 138 100
 92 44.8 25.7 65.7
 108 61.7 44.6 84.6

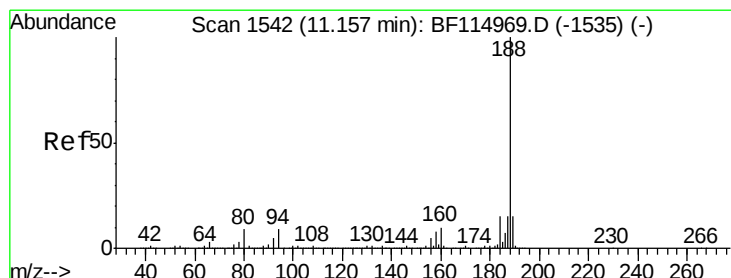
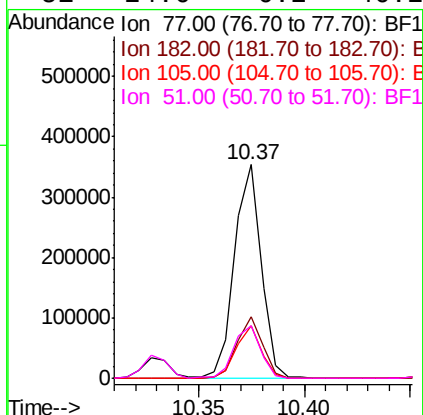
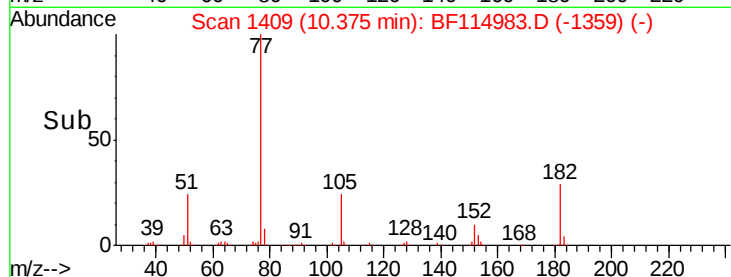
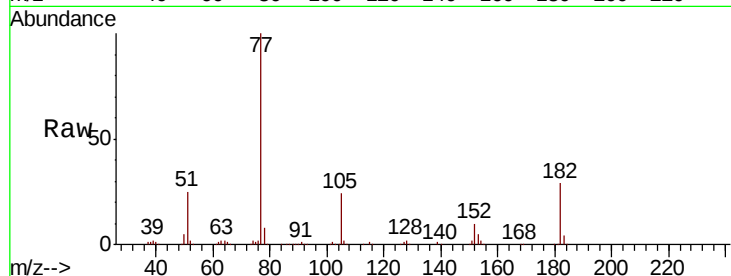




#63
Azobenzene
Concen: 8.328 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

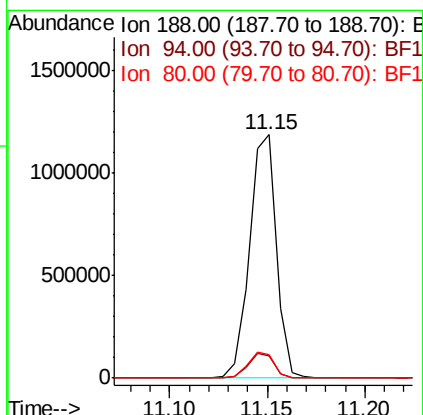
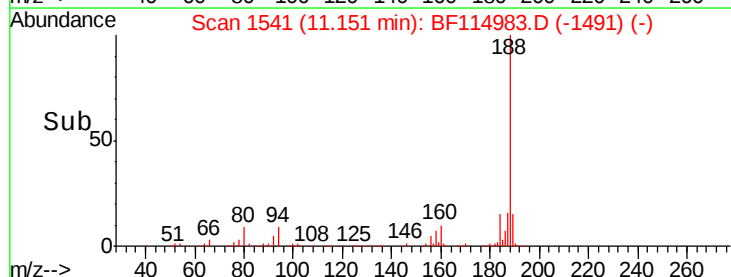
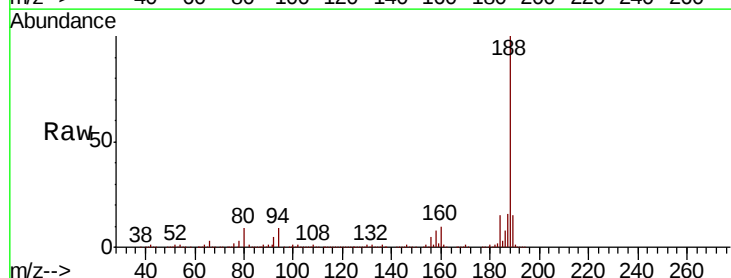
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

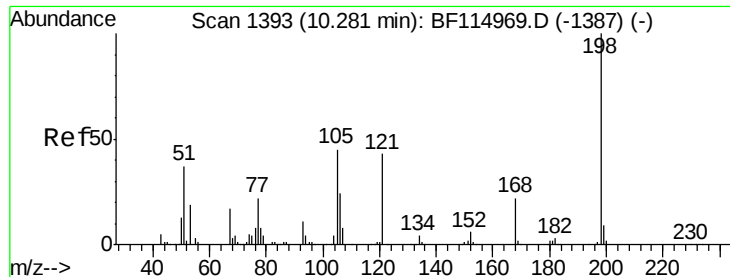
Tgt Ion:	77	Resp:	307304
Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.4	47.4
105	24.3	4.2	44.2
51	24.6	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion:	188	Resp:	1130097
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.4	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.284 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

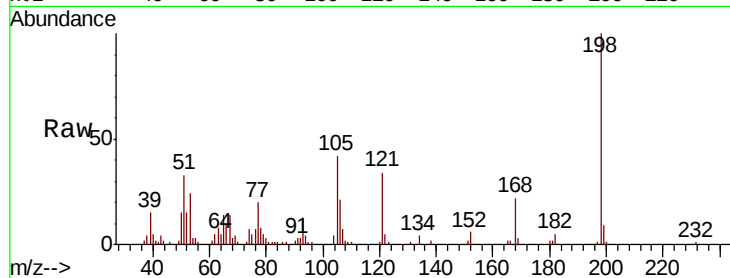
Tgt Ion:198 Resp: 39801

Ion Ratio Lower Upper

198 100

51 32.8 23.0 63.0

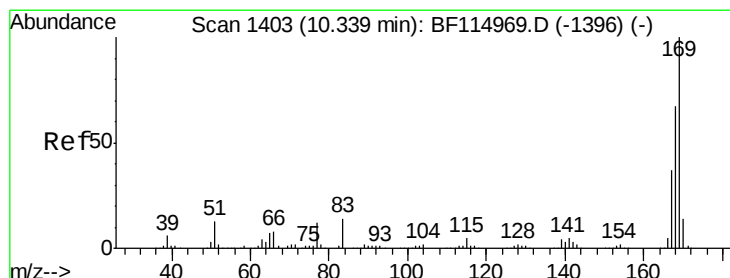
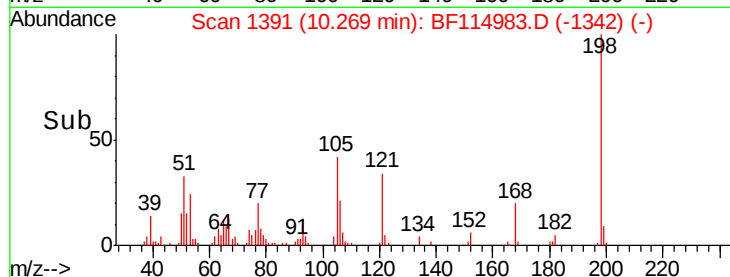
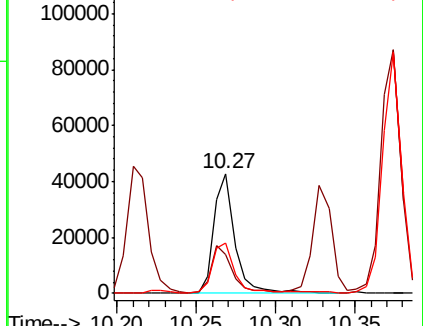
105 41.9 26.5 66.5



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: 8.438 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

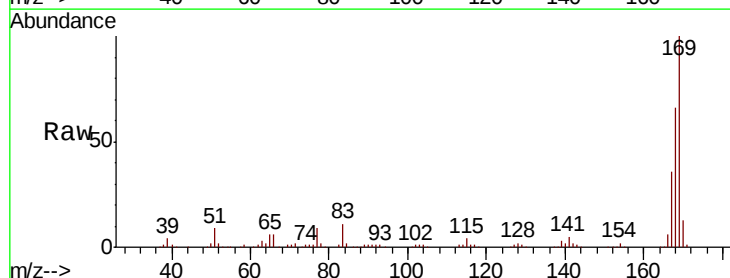
Tgt Ion:169 Resp: 285037

Ion Ratio Lower Upper

169 100

168 66.1 53.6 80.4

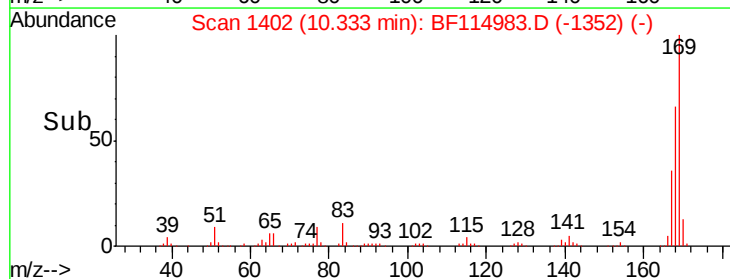
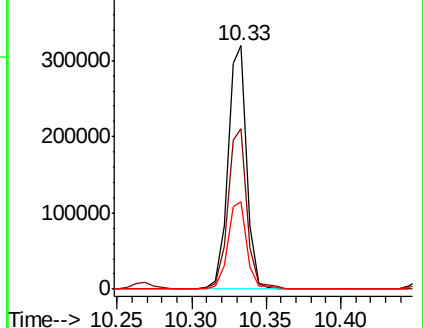
167 36.0 29.6 44.4

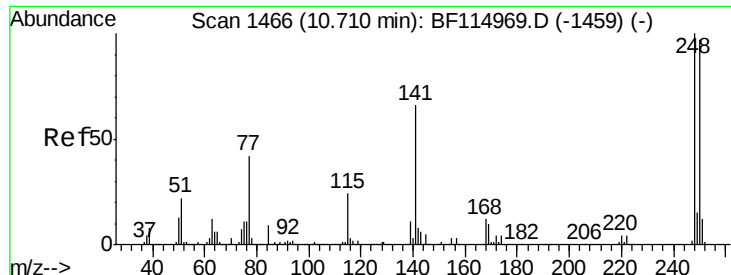


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

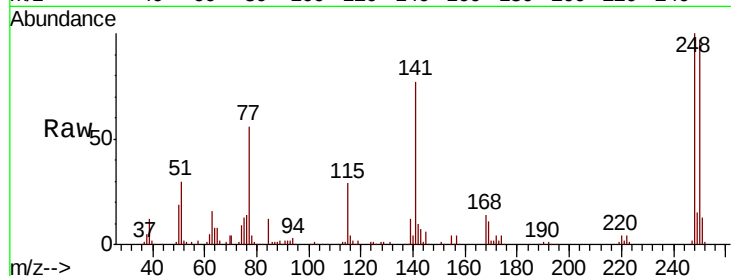




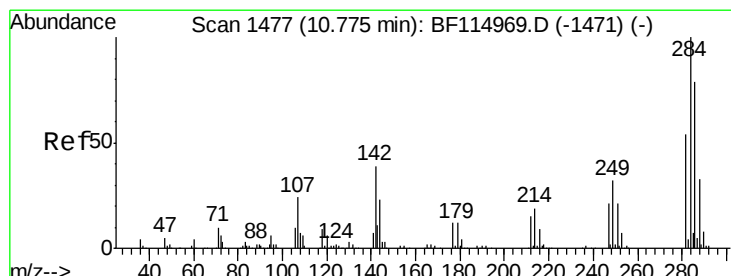
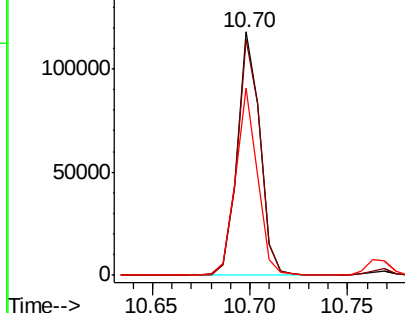
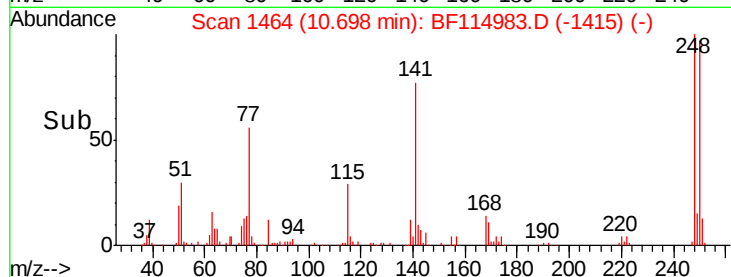
#67
 4-Bromophenyl-phenylether
 Concen: 7.827 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

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

Tgt Ion: 248 Resp: 94973
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.8 116.8
 141 76.8 53.1 79.7

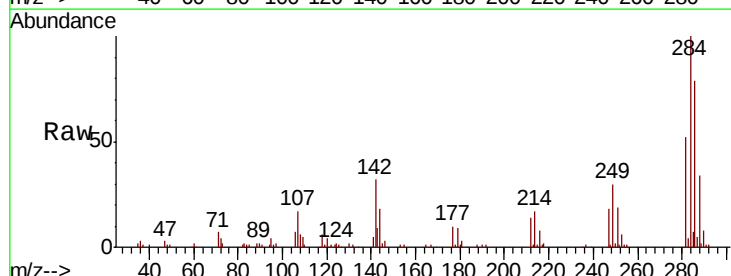


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

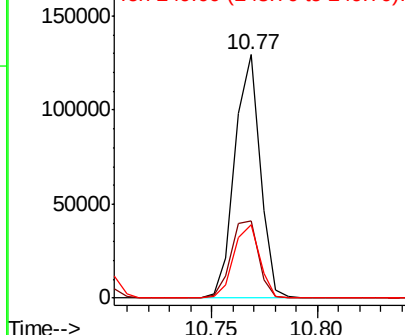
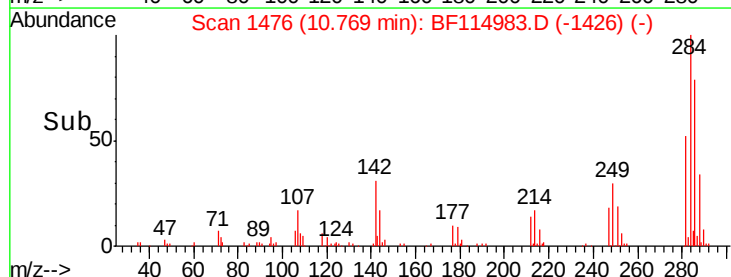


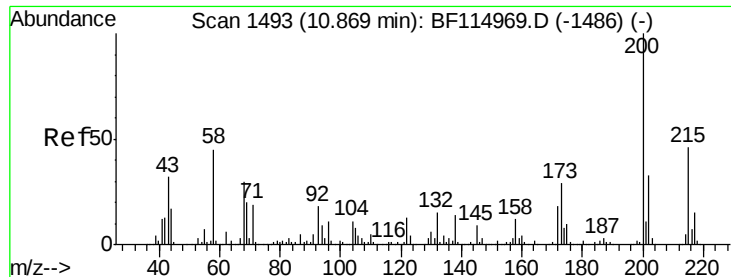
#68
 Hexachlorobenzene
 Concen: 8.039 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion: 284 Resp: 107393
 Ion Ratio Lower Upper
 284 100
 142 31.6 31.5 47.3
 249 30.1 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

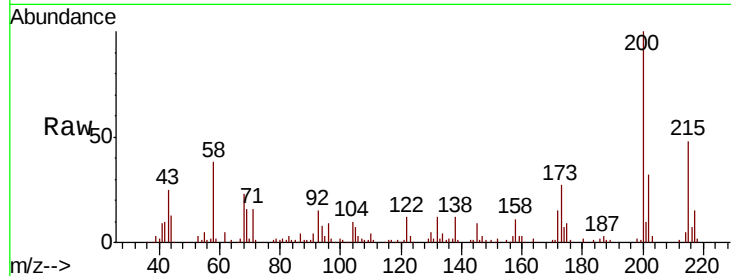




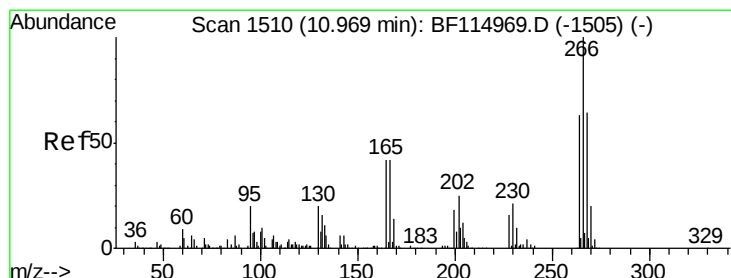
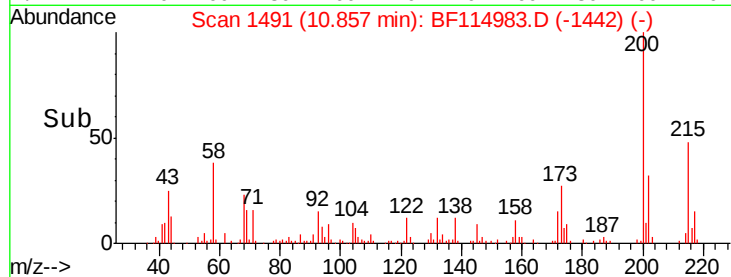
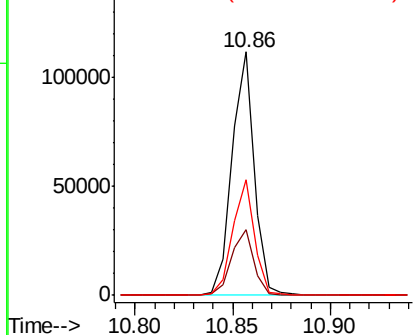
#69
Atrazine
Concen: 8.123 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.0	49.0
215	47.5	26.5	66.5

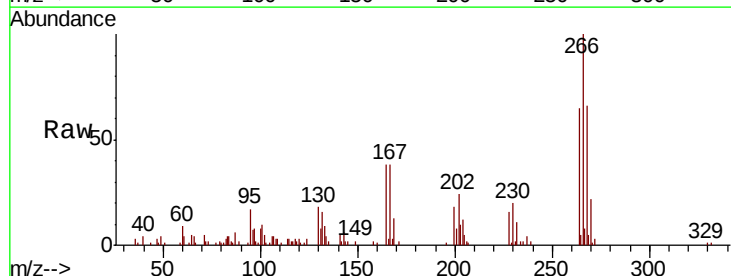


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

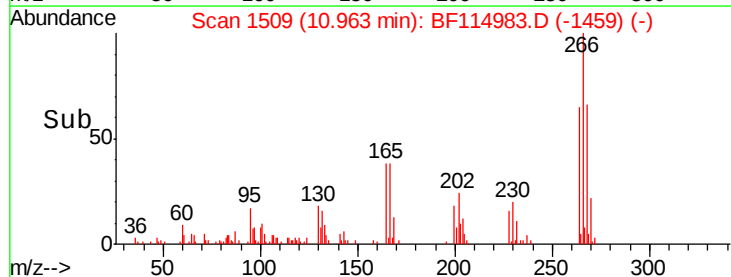
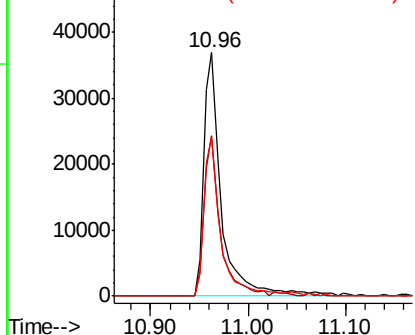


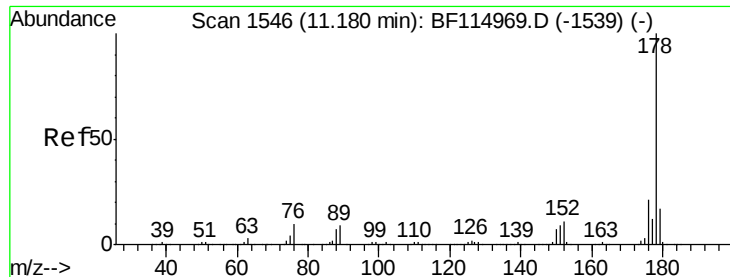
#70
Pentachlorophenol
Concen: 6.317 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.4	77.2
264	65.3	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: 8.643 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

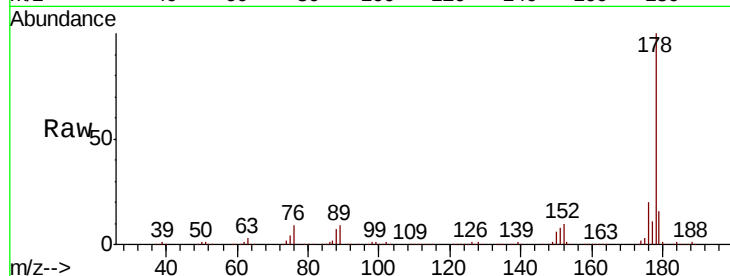
Tgt Ion:178 Resp: 504309

Ion Ratio Lower Upper

178 100

176 19.8 16.9 25.3

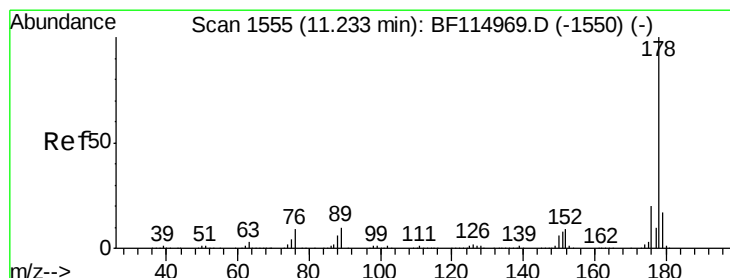
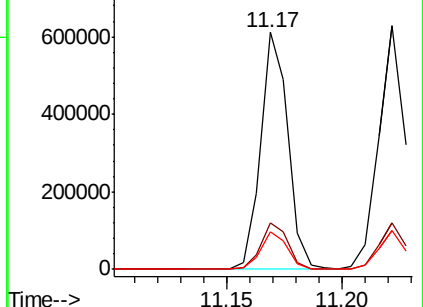
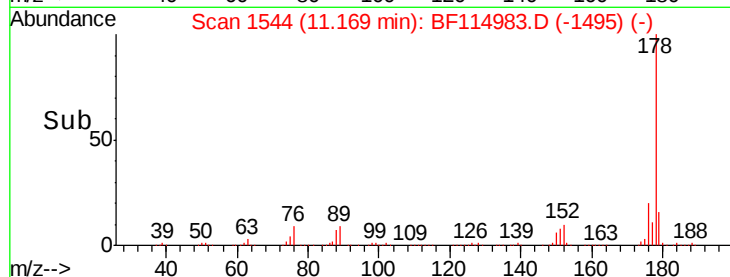
179 15.7 13.4 20.0



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: 8.649 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

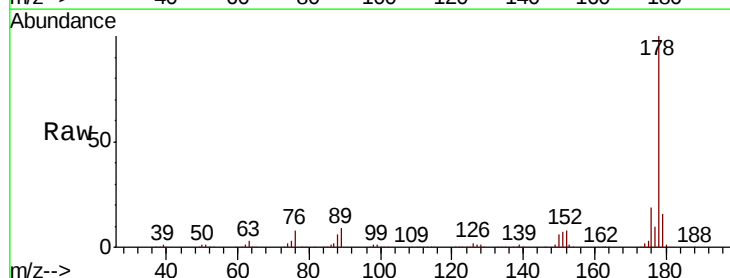
Tgt Ion:178 Resp: 509120

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

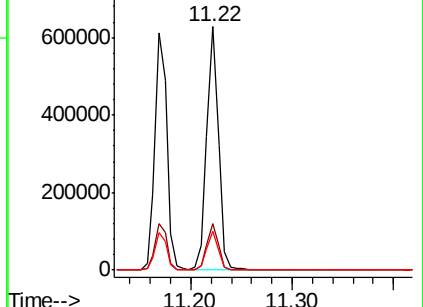
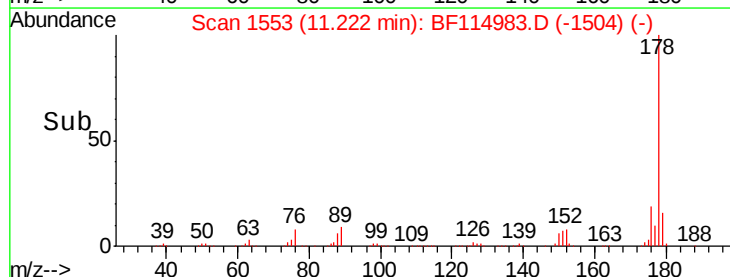
179 16.0 13.2 19.8

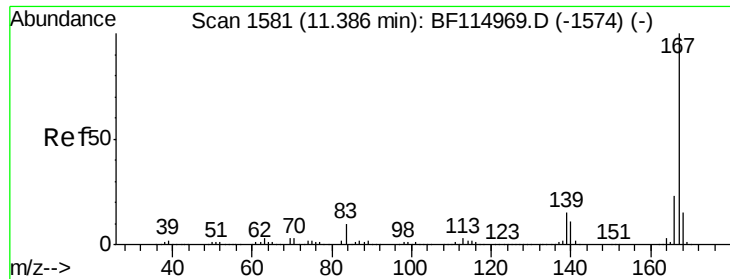


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

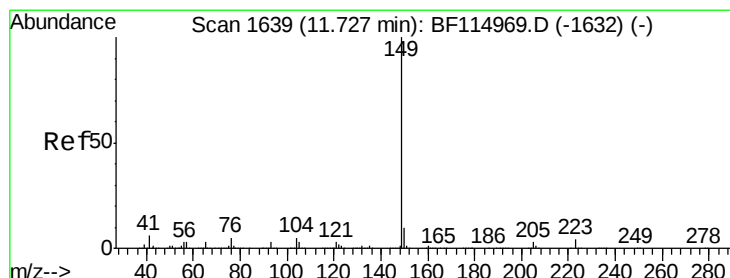
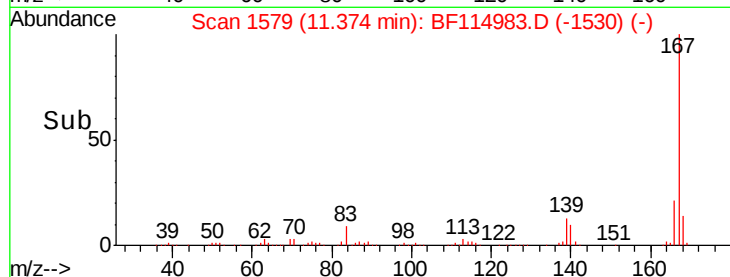
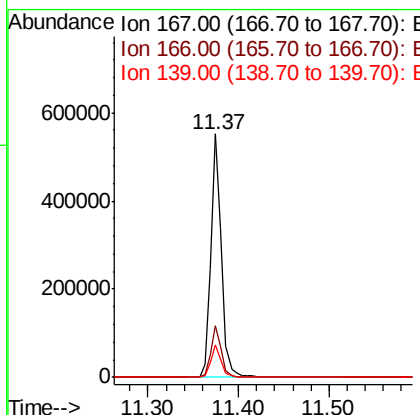
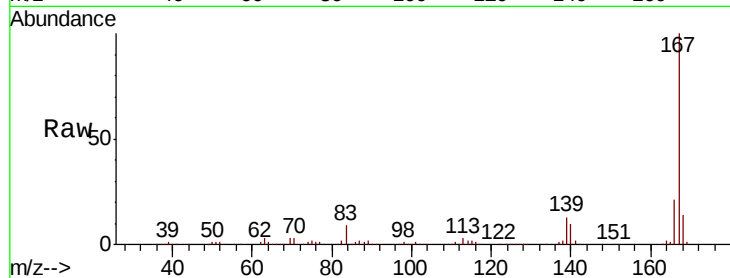




#73
 Carbazole
 Concen: 8.857 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

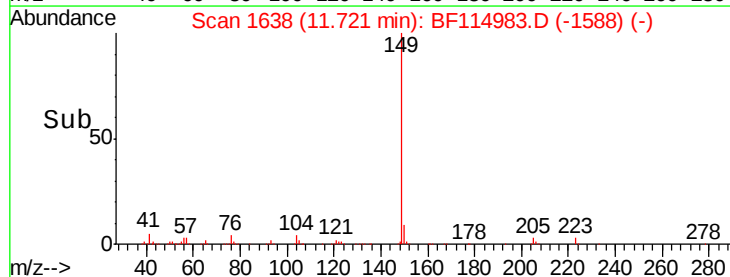
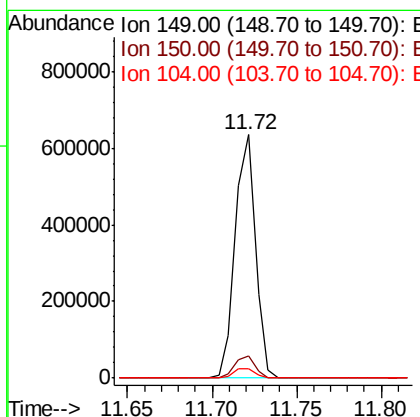
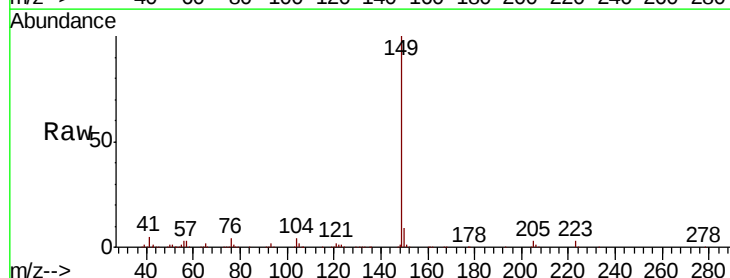
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

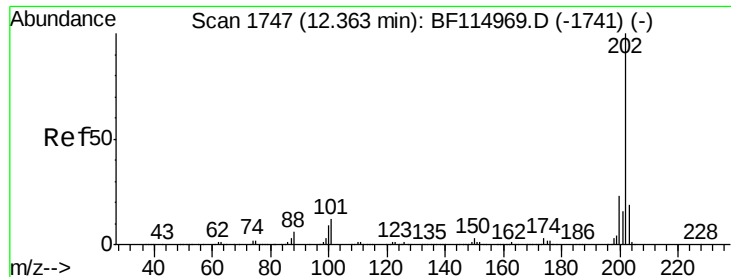
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.5	27.7
139	13.2	12.0	18.0



#74
 Di-n-butylphthalate
 Concen: 8.174 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	4.0	4.0	6.0





#75

Fluoranthene

Concen: 8.597 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

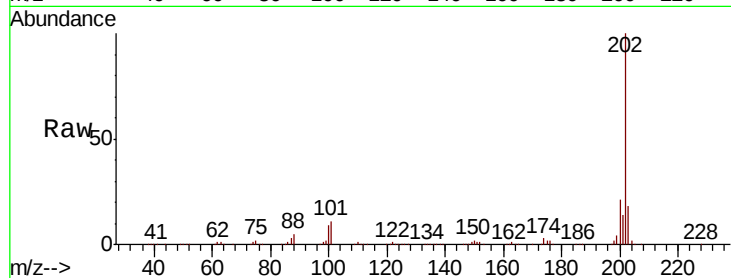
Tgt Ion: 202 Resp: 512941

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.4

203 17.6 0.0 38.6

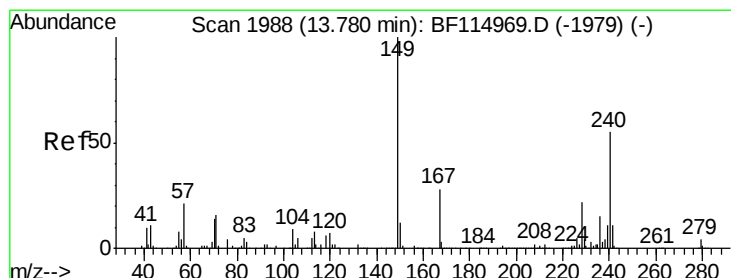
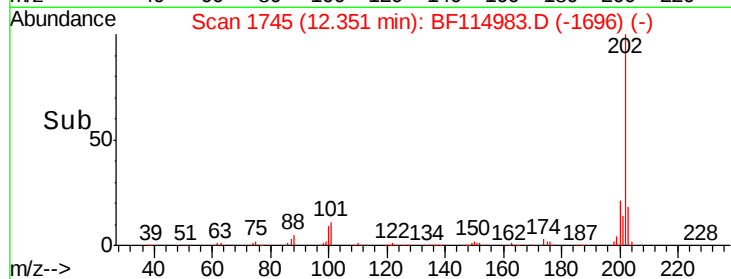
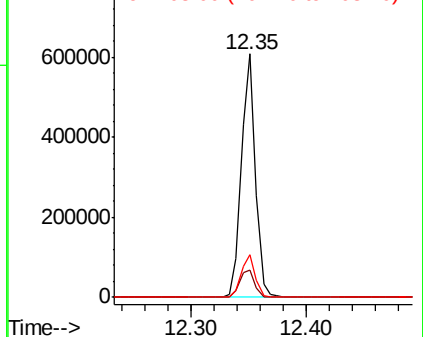


Abundance

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: BF114983.D

Acq: 12 Jun 2019 19:03

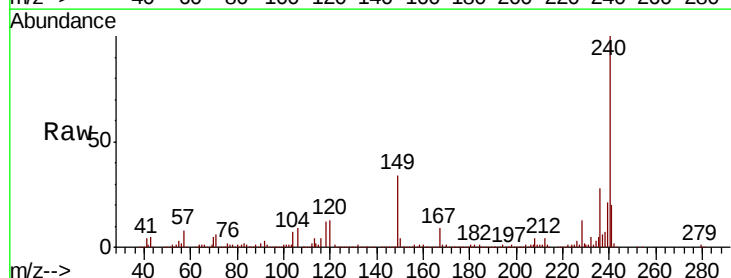
Tgt Ion: 240 Resp: 820335

Ion Ratio Lower Upper

240 100

120 13.4 10.0 15.0

236 27.7 21.6 32.4

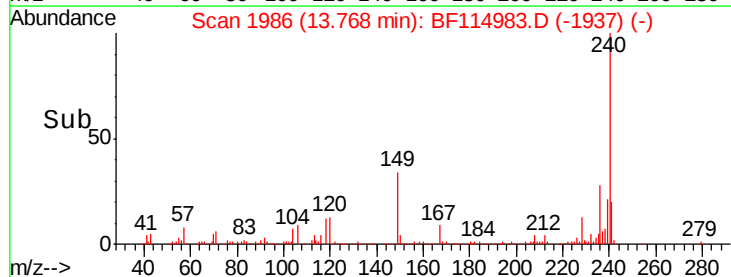
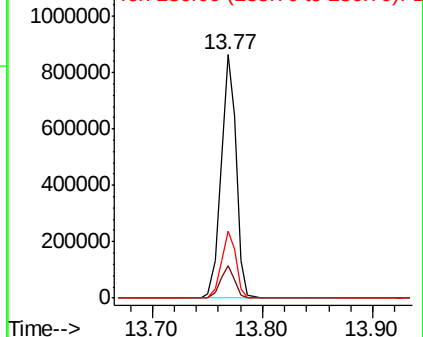


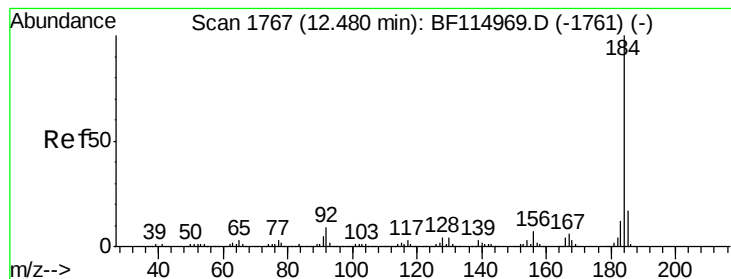
Abundance

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: 7.071 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

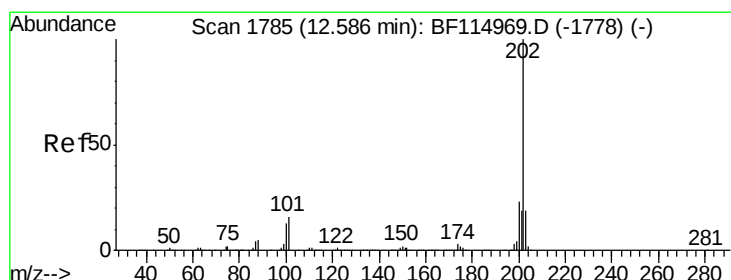
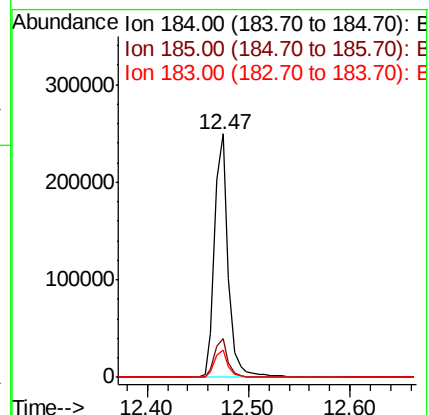
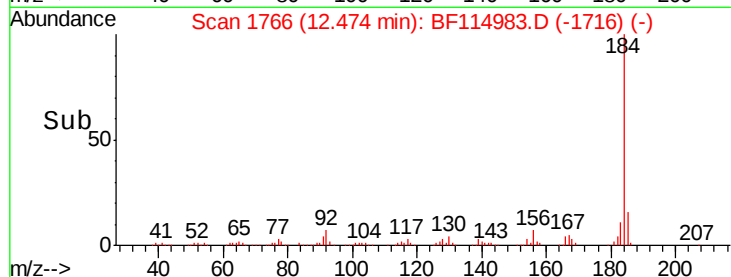
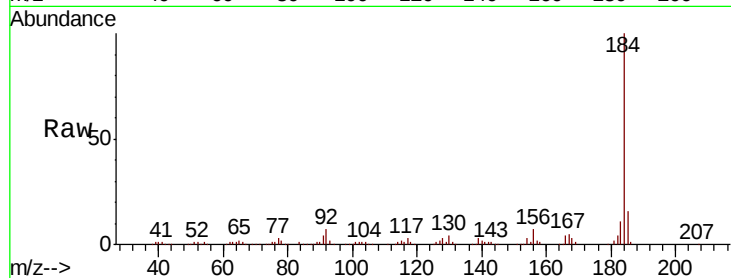
Tgt Ion:184 Resp: 234606

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

183 11.5 9.8 14.6



#78

Pyrene

Concen: 7.061 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

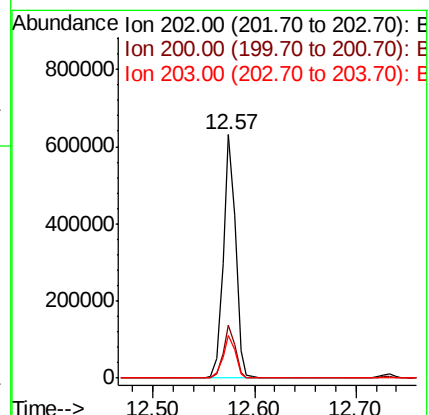
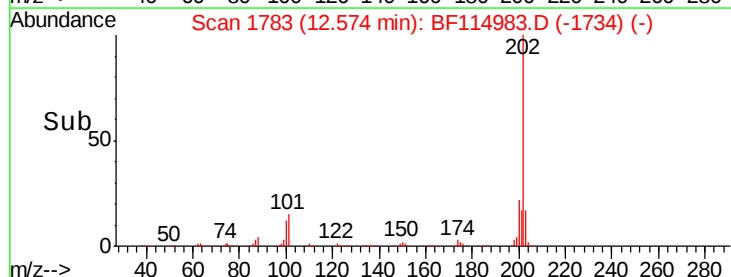
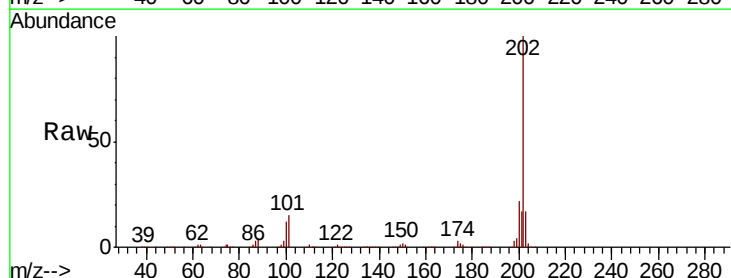
Tgt Ion:202 Resp: 527658

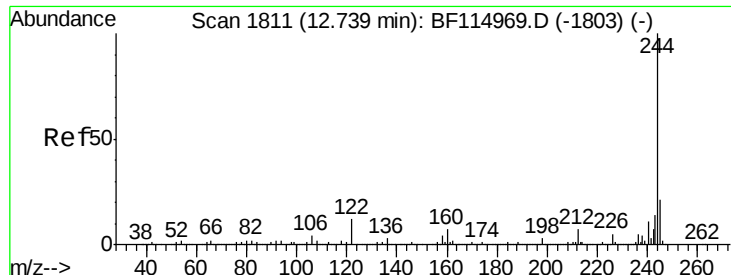
Ion Ratio Lower Upper

202 100

200 21.6 18.4 27.6

203 17.4 14.9 22.3

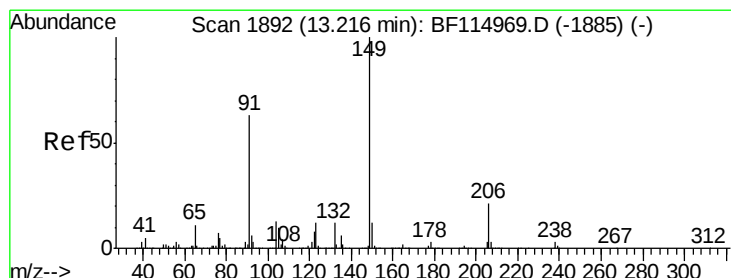
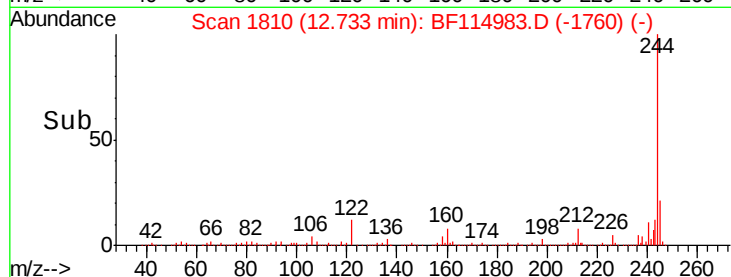
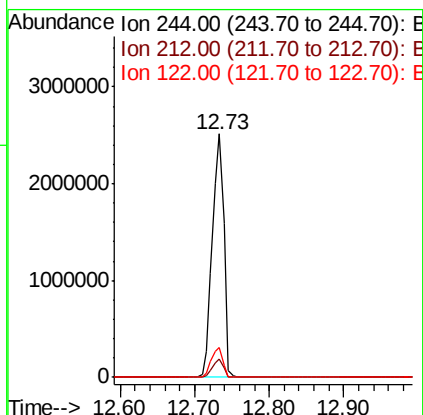
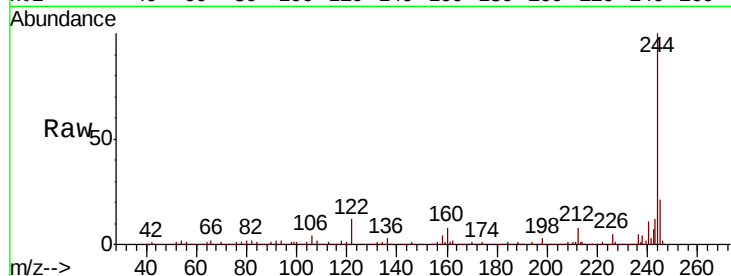




#79
 Terphenyl-d14
 Concen: 61.662 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

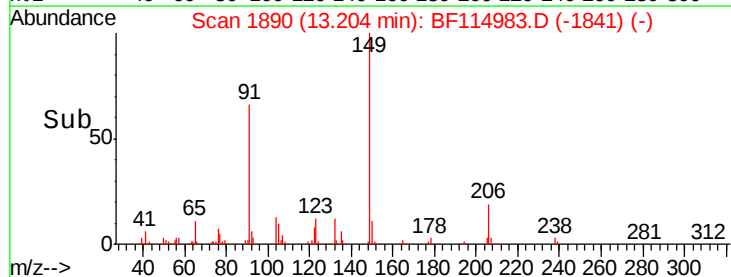
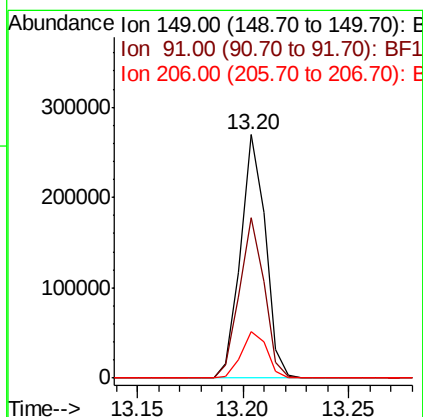
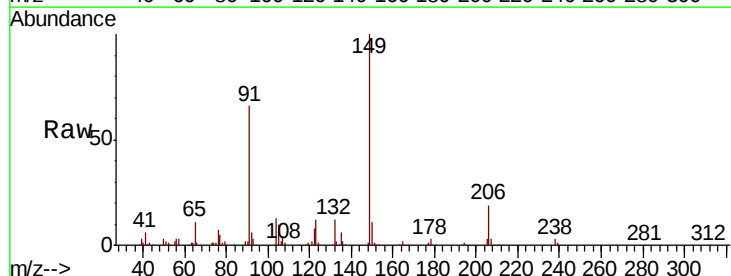
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

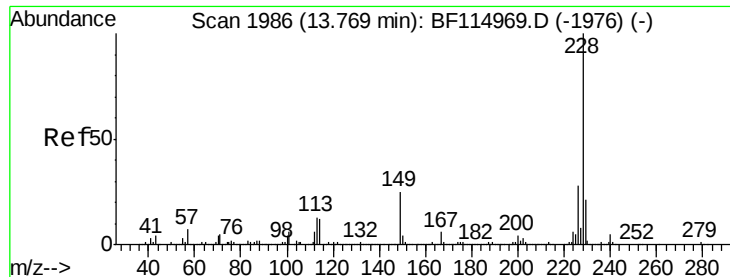
Tgt Ion:244 Resp: 2689375
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.2 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 6.284 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BF114983.D
 Acq: 12 Jun 2019 19:03

Tgt Ion:149 Resp: 219350
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.6 76.0
 206 18.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 7.317 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

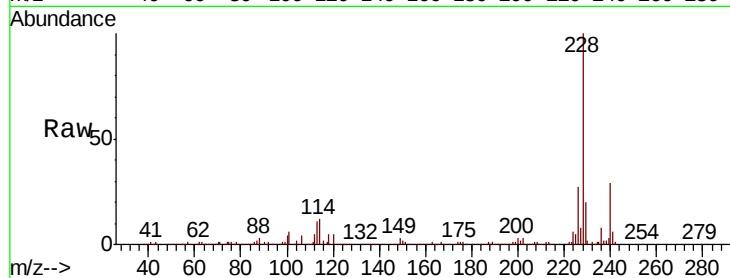
Instrument :

BNA_F

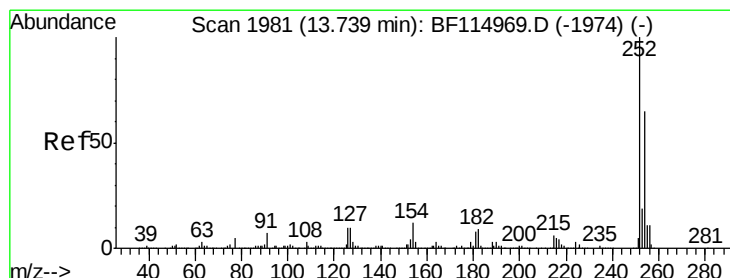
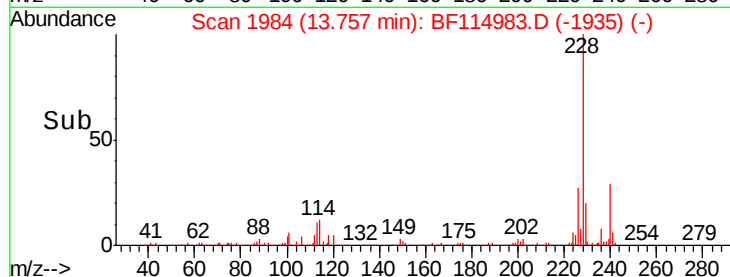
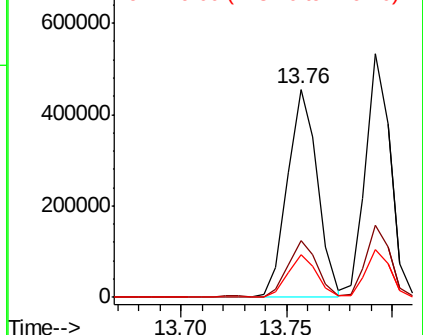
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	228	Resp:	449166
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	20.2	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: 7.070 ng

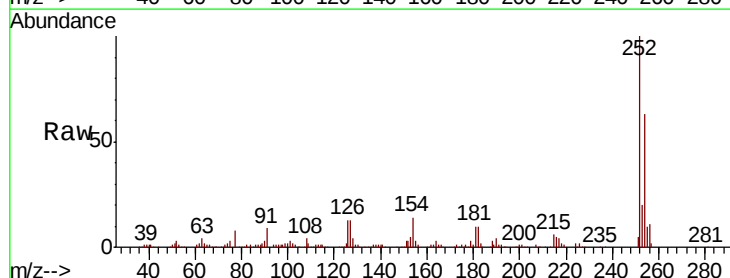
RT: 13.72 min Scan# 1978

Delta R.T. -0.02 min

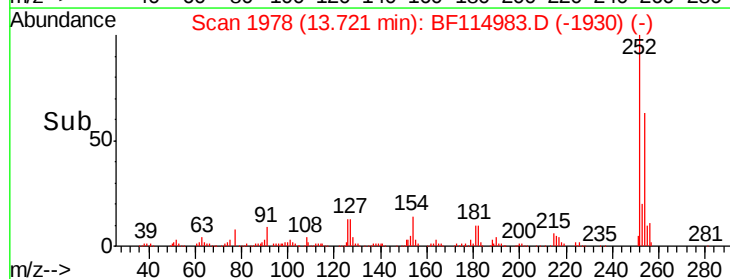
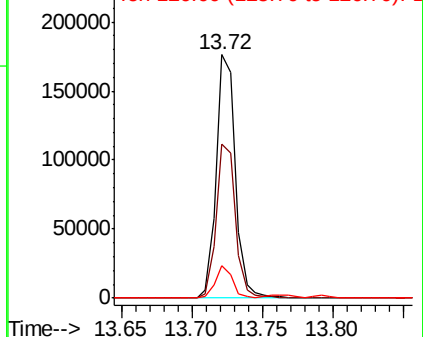
Lab File: BF114983.D

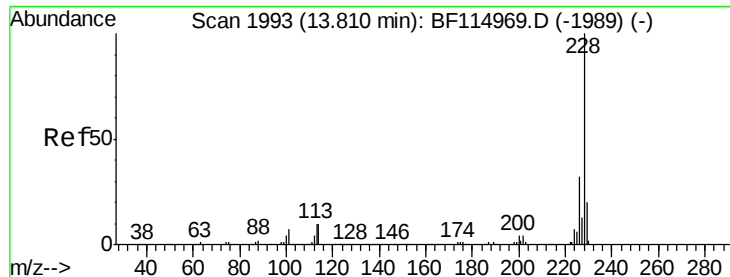
Acq: 12 Jun 2019 19:03

Tgt Ion:	252	Resp:	166395
Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.2	78.4
126	13.1	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: 7.236 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

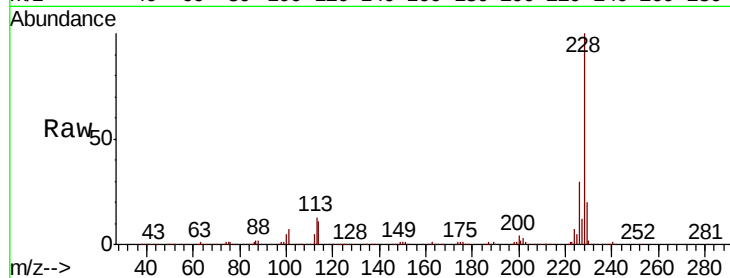
Tgt Ion: 228 Resp: 441713

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.0

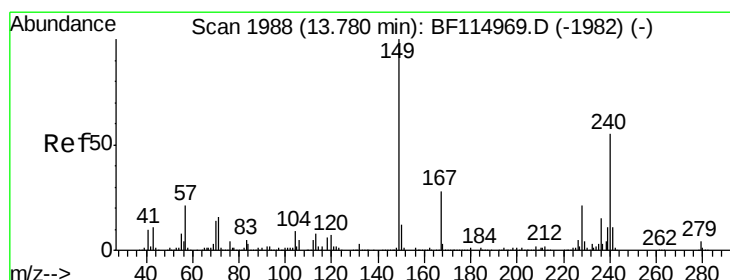
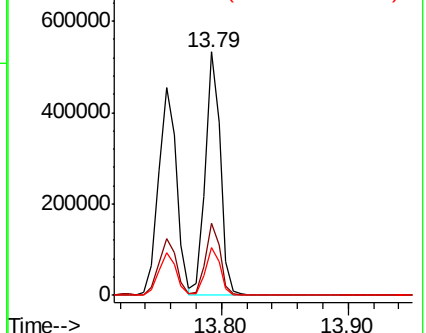
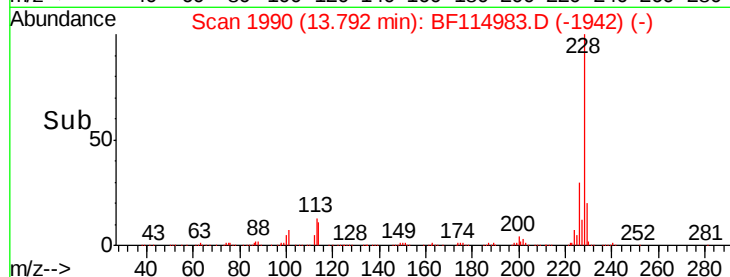
229 19.8 16.4 24.6



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: 6.911 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

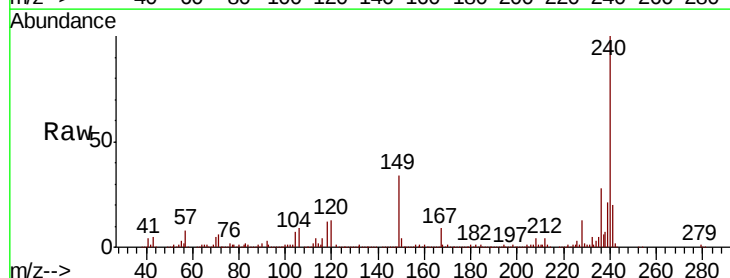
Tgt Ion: 149 Resp: 285112

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

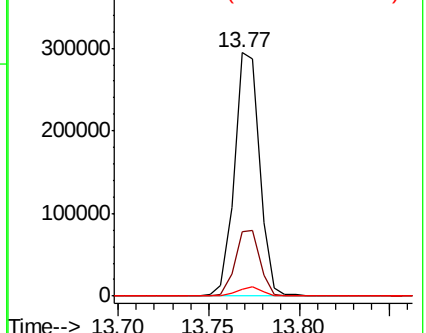
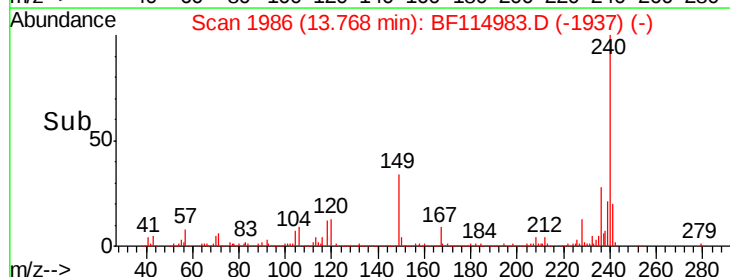
279 3.0 3.4 5.0#

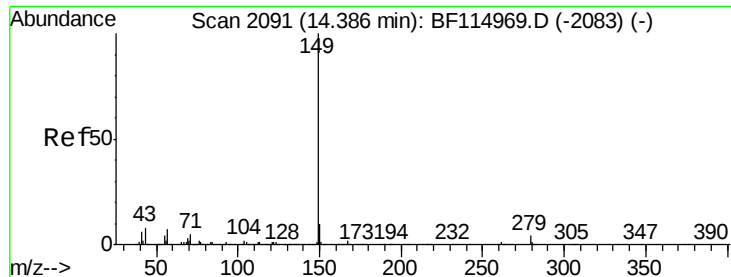


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

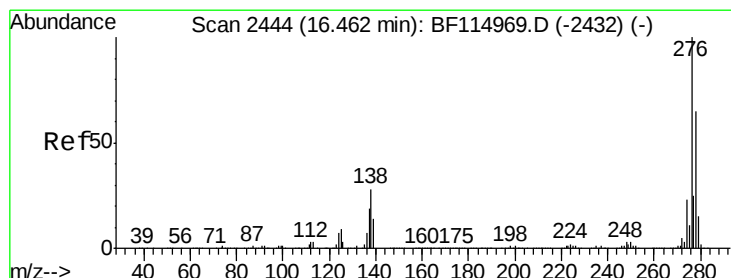
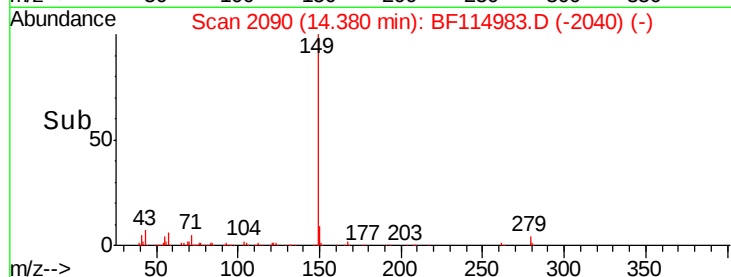
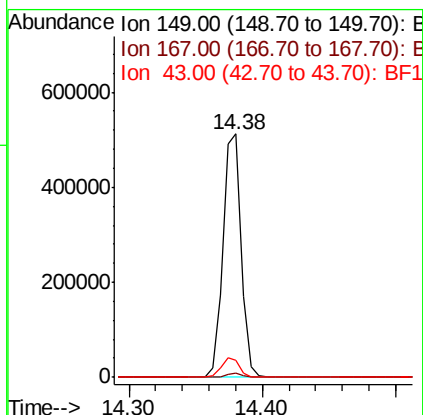
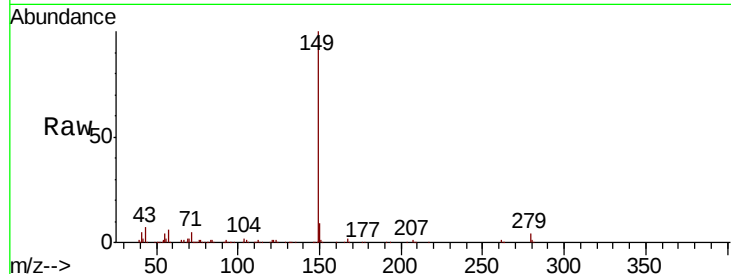




#85
Di-n-octyl phthalate
Concen: 6.971 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

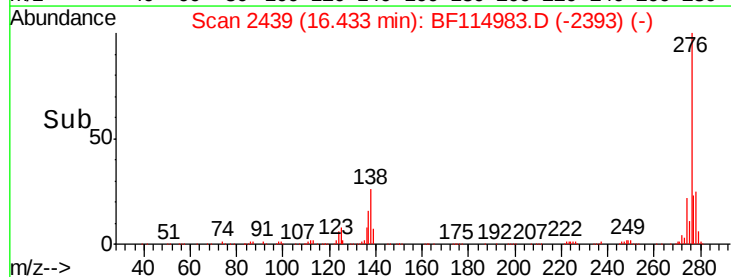
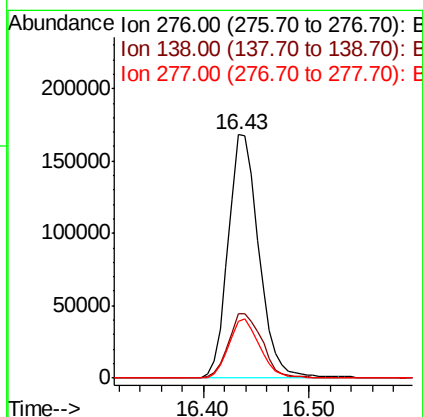
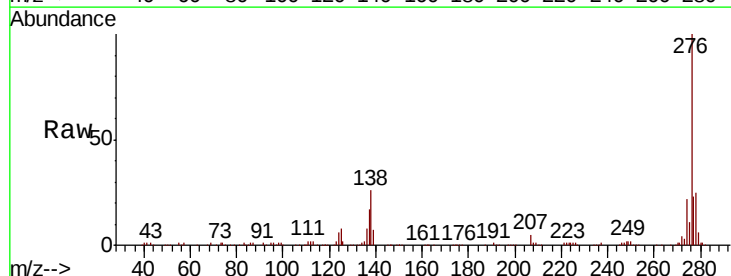
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

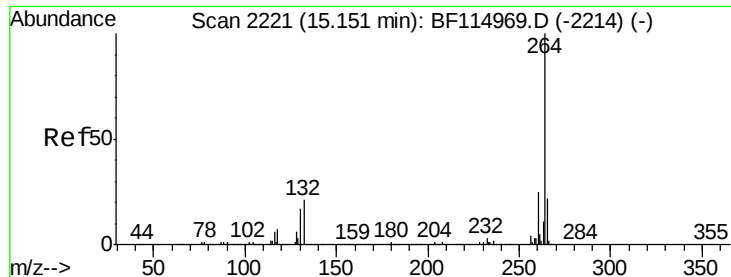
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.8	6.5	9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.314 ng
RT: 16.43 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	24.7	20.6	30.8



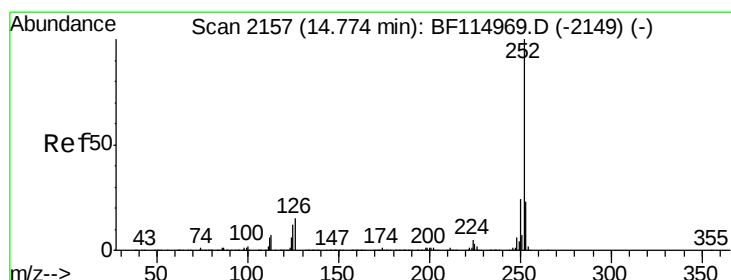
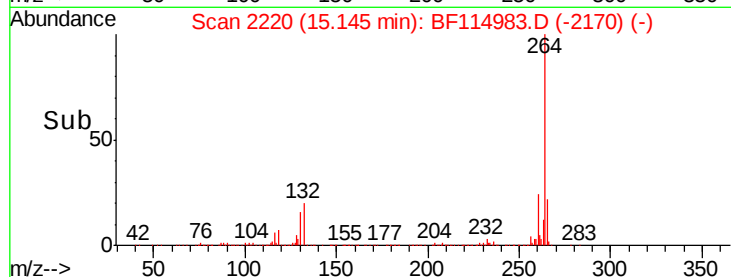
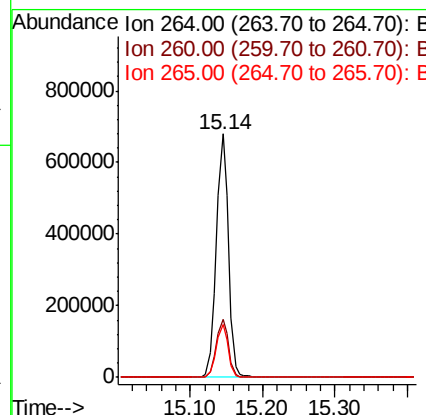
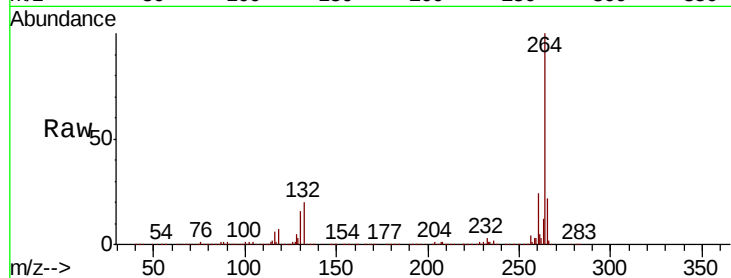


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

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

Tgt Ion: 264 Resp: 790585

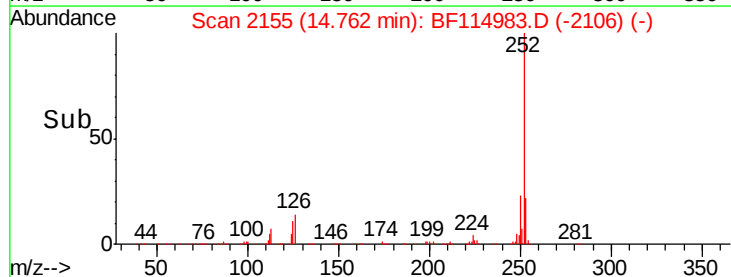
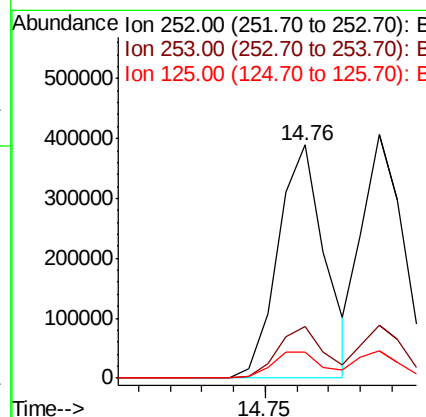
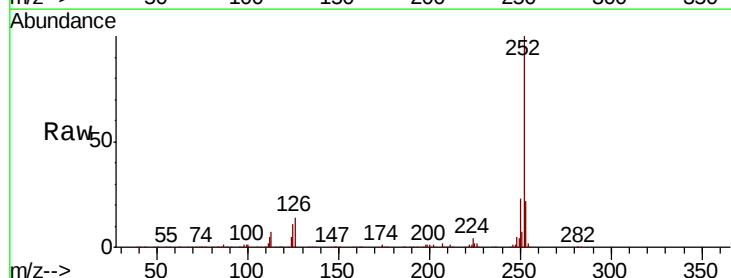
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.5	17.6	26.4

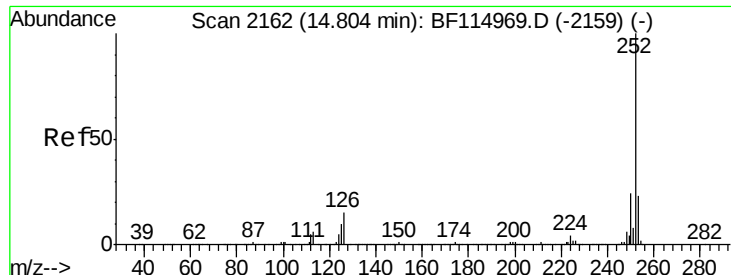


#88
Benzo(b)fluoranthene
Concen: 7.616 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion: 252 Resp: 400266

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.1	9.4	14.0

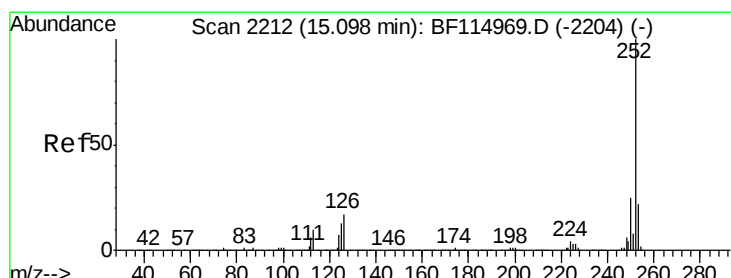
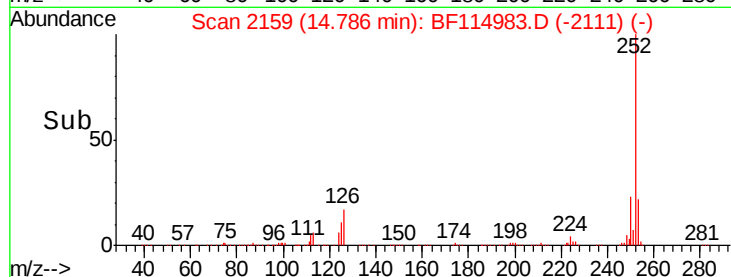
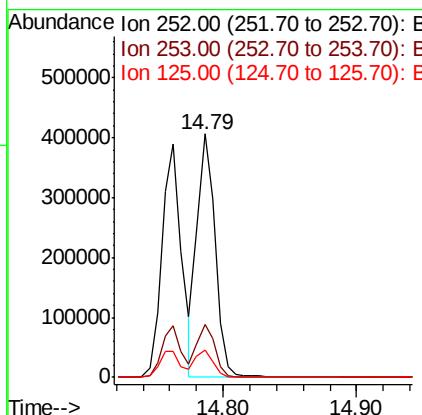
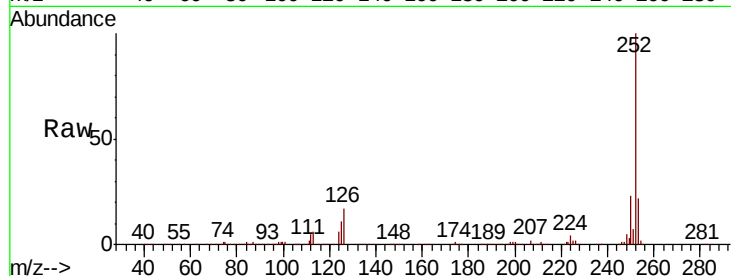




#89
Benzo(k)fluoranthene
Concen: 8.173 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

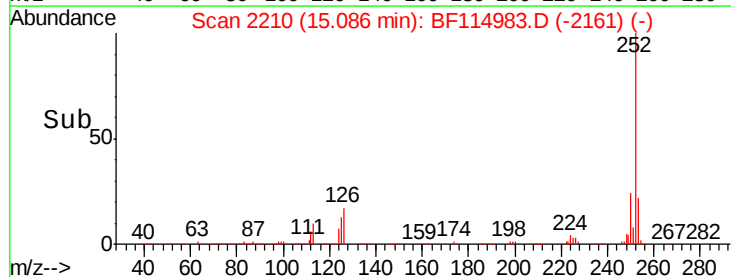
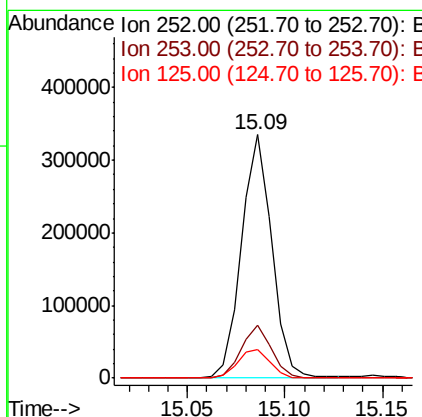
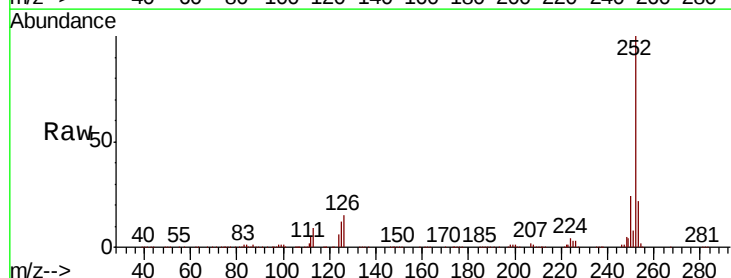
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

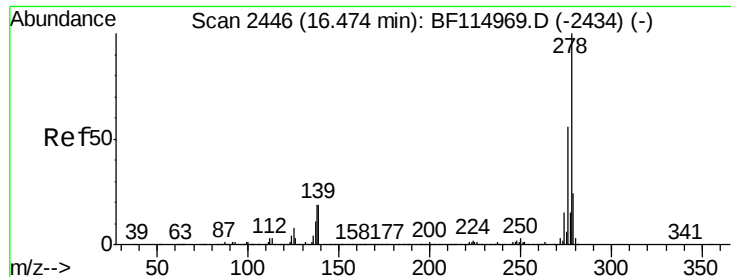
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.3	8.2	12.4



#90
Benzo(a)pyrene
Concen: 7.974 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF114983.D
Acq: 12 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.8	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 7.273 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.02 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

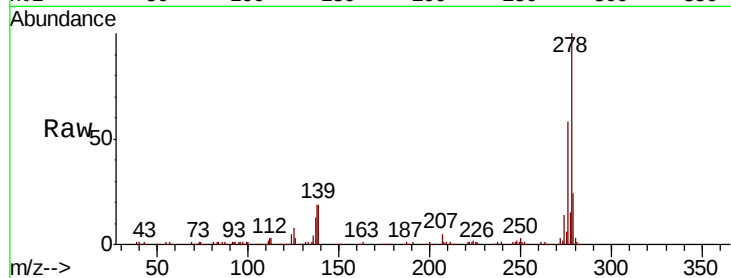
Tgt Ion: 278 Resp: 284050

Ion Ratio Lower Upper

278 100

139 19.0 15.3 22.9

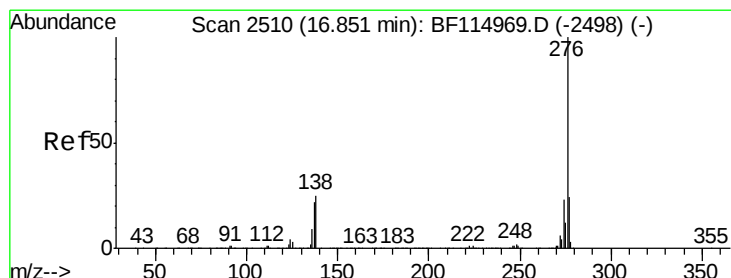
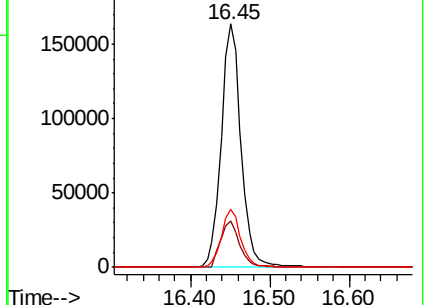
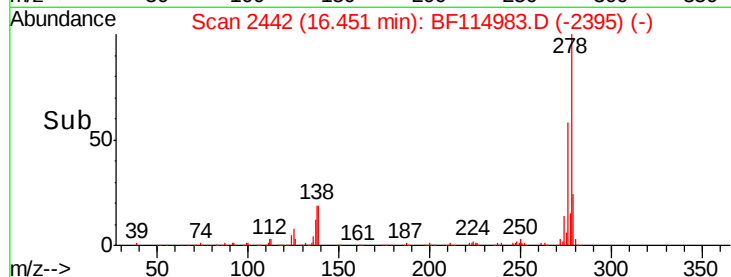
279 23.6 19.2 28.8



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: 6.873 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.03 min

Lab File: BF114983.D

Acq: 12 Jun 2019 19:03

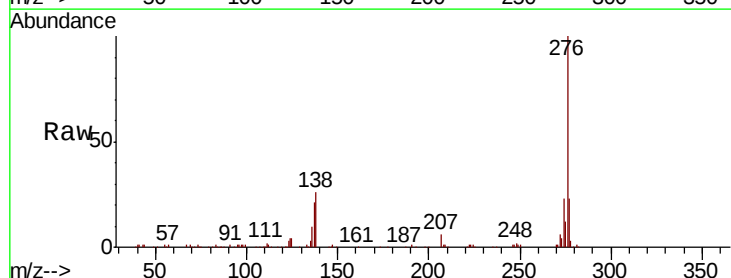
Tgt Ion: 276 Resp: 273751

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 25.7 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

