

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114660.D
 Acq On : 30 May 2019 14:53
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 31 11:28:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	413346	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1553928	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	776410	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1475869	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1108099	20.00	ng	0.00
87) Perylene-d12	15.20	264	1119457	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	3014289	128.03	ng	0.01
7) Phenol-d6	6.33	99	3575569	126.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	2201636	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1045052	141.26	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3696294	79.09	ng	0.00
79) Terphenyl-d14	12.78	244	3896988	66.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	59372	5.255	ng	98
3) Pyridine	3.14	79	136567	4.153	ng	95
4) n-Nitrosodimethylamine	2.98	42	55369	4.161	ng	# 100
6) Aniline	6.36	93	219294	5.117	ng	97
8) 2-Chlorophenol	6.48	128	148635	5.467	ng	95
9) Benzaldehyde	6.23	77	120624	7.452	ng	98
10) Phenol	6.34	94	181148	5.286	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	140074	5.343	ng	95
12) 1,3-Dichlorobenzene	6.63	146	165876	5.355	ng	99
13) 1,4-Dichlorobenzene	6.71	146	169631	5.459	ng	98
14) 1,2-Dichlorobenzene	6.86	146	156819	5.543	ng	99
15) Benzyl Alcohol	6.83	79	147033	6.589	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	195274	4.857	ng	99
17) 2-Methylphenol	6.94	107	116350	5.060	ng	98
18) Hexachloroethane	7.21	117	56521	4.804	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	100486	5.131	ng	97
20) 3+4-Methylphenols	7.10	107	151117	5.587	ng	92
22) Acetophenone	7.10	105	206649	6.241	ng	97
24) Nitrobenzene	7.27	77	153716	5.810	ng	98
25) Isophorone	7.51	82	270139	5.404	ng	100
26) 2-Nitrophenol	7.59	139	61139	4.747	ng	98
27) 2,4-Dimethylphenol	7.63	122	125802	5.873	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	169586	5.330	ng	98
29) 2,4-Dichlorophenol	7.82	162	121886	5.591	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	139937	5.634	ng	98
31) Naphthalene	7.99	128	448854	6.271	ng	97
32) Benzoic acid	7.68	122	44905	3.228	ng	98
33) 4-Chloroaniline	8.04	127	183296	5.375	ng	96
34) Hexachlorobutadiene	8.12	225	76195	5.522	ng	99
35) Caprolactam	8.36	113	36155	4.914	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	120289	5.502	ng	98
37) 2-Methylnaphthalene	8.68	142	303592	6.384	ng	99
38) 1-Methylnaphthalene	8.78	142	286944	6.368	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	132923	6.429	ng	98

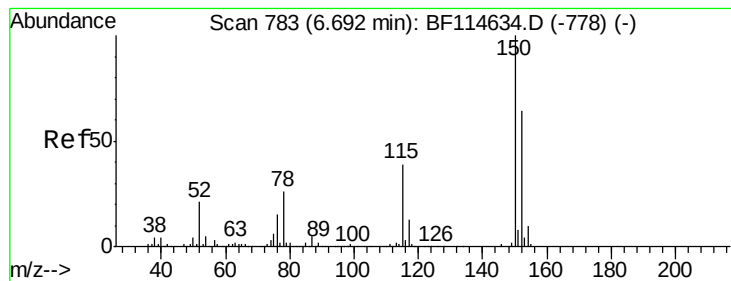
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	74551	5.456	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	84534	5.196	ng	100
44) 2,4,5-Trichlorophenol	8.99	196	88069	5.425	ng	98
46) 1,1'-Biphenyl	9.15	154	369691	6.415	ng	95
47) 2-Chloronaphthalene	9.17	162	286310	6.056	ng	96
48) 2-Nitroaniline	9.25	65	66954	4.589	ng	91
49) Acenaphthylene	9.57	152	444927	6.092	ng	96
50) Dimethylphthalate	9.44	163	312976	5.785	ng	98
51) 2,6-Dinitrotoluene	9.50	165	63831	5.078	ng	97
52) Acenaphthene	9.75	154	265098	5.918	ng	98
53) 3-Nitroaniline	9.66	138	71102	4.621	ng	97
54) 2,4-Dinitrophenol	9.76	184	12242	2.469	ng	# 53
55) Dibenzofuran	9.92	168	393590	6.173	ng	92
56) 4-Nitrophenol	9.81	139	48533	4.257	ng	93
57) 2,4-Dinitrotoluene	9.89	165	78399	4.859	ng	93
58) Fluorene	10.26	166	302929	7.037	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	71885	5.410	ng	98
60) Diethylphthalate	10.15	149	311845	5.644	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	146821	6.816	ng	99
62) 4-Nitroaniline	10.26	138	67503	4.502	ng	98
63) Azobenzene	10.42	77	288801	5.693	ng	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	21650	3.308	ng	89
66) n-Nitrosodiphenylamine	10.37	169	262532	6.021	ng	98
67) 4-Bromophenyl-phenylether	10.75	248	87835	5.550	ng	99
68) Hexachlorobenzene	10.81	284	96276	5.616	ng	94
69) Atrazine	10.90	200	75949	5.528	ng	98
70) Pentachlorophenol	11.00	266	42988	4.350	ng	99
71) Phenanthrene	11.22	178	450260	5.981	ng	96
72) Anthracene	11.26	178	460042	6.038	ng	97
73) Carbazole	11.42	167	397025	5.929	ng	97
74) Di-n-butylphthalate	11.76	149	471051	5.789	ng	96
75) Fluoranthene	12.39	202	447723	5.743	ng	95
77) Benzidine	12.52	184	189820	4.160	ng	98
78) Pyrene	12.62	202	459078	4.898	ng	96
80) Butylbenzylphthalate	13.25	149	179456	3.809	ng	99
81) Benzo(a)anthracene	13.80	228	412966	4.850	ng	97
82) 3,3'-Dichlorobenzidine	13.76	252	141224	4.294	ng	99
83) Chrysene	13.83	228	404429	4.971	ng	96
84) Bis(2-ethylhexyl)phthalate	13.82	149	267198	4.588	ng	98
85) Di-n-octyl phthalate	14.43	149	420827	4.159	ng	97
86) Indeno(1,2,3-cd)pyrene	16.51	276	341410	4.190	ng	97
88) Benzo(b)fluoranthene	14.81	252	387279	5.493	ng	96
89) Benzo(k)fluoranthene	14.83	252	358043	5.842	ng	97
90) Benzo(a)pyrene	15.14	252	343692	5.549	ng	98
91) Dibenzo(a,h)anthracene	16.53	278	284681	5.201	ng	100
92) Benzo(g,h,i)perylene	16.90	276	268381	5.052	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

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ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

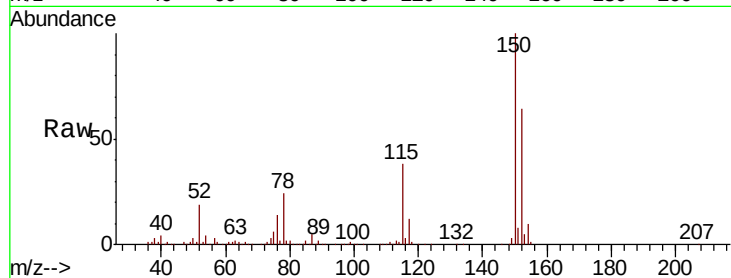
Tot Ion:152 Resp: 413346

Ion Ratio Lower Upper

152 100

150 157.4 124.4 186.6

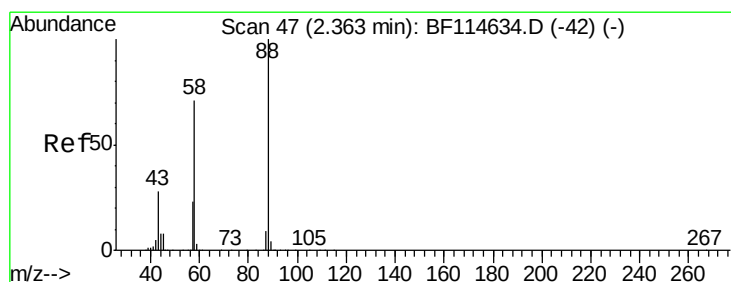
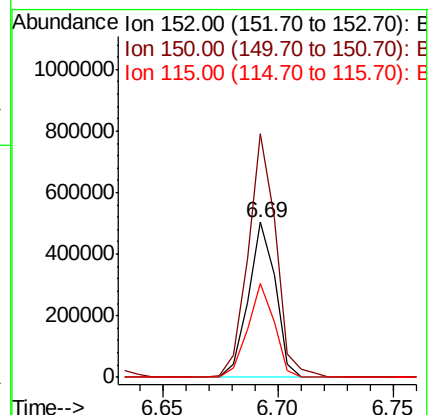
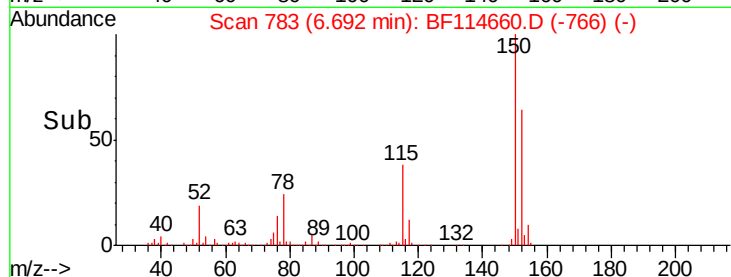
115 60.4 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 5.255 ng

RT: 2.38 min Scan# 49

Delta R.T. 0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

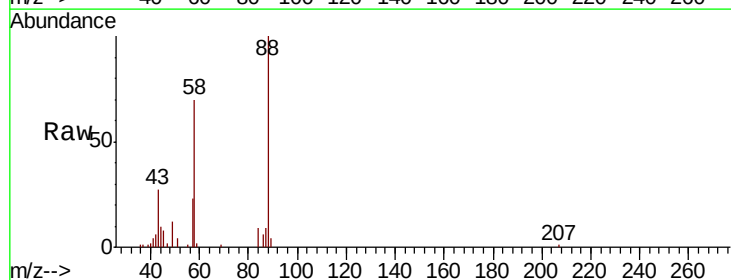
Tgt Ion: 88 Resp: 59372

Ion Ratio Lower Upper

88 100

58 72.0 57.2 85.8

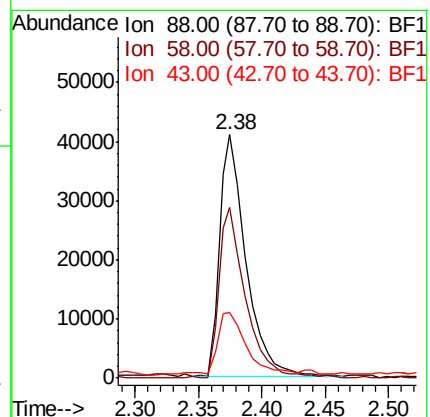
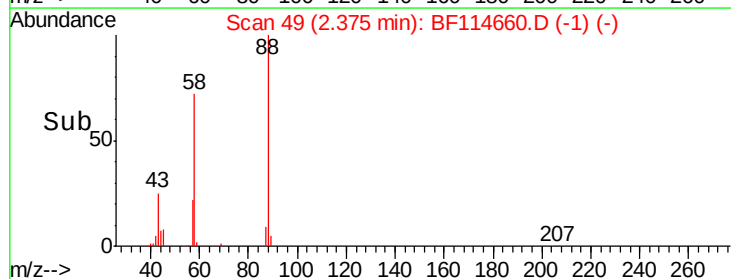
43 25.7 22.6 33.8

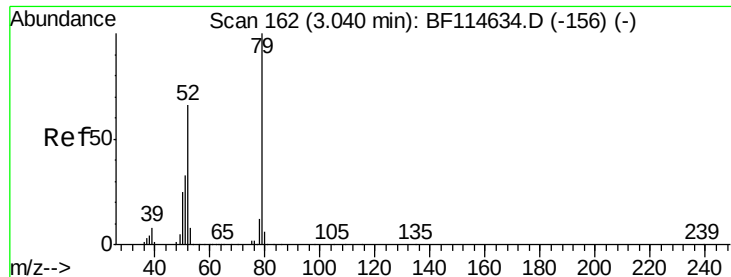


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 4.153 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.10 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

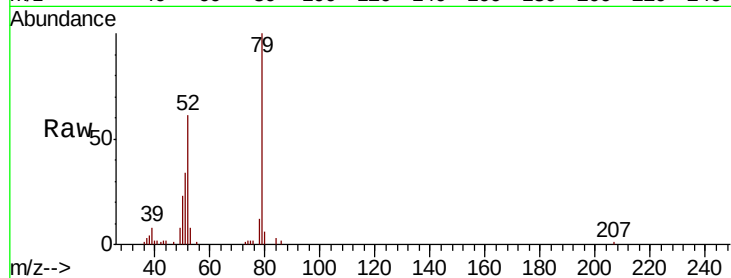
Tot Ion: 79 Resp: 136567

Ion Ratio Lower Upper

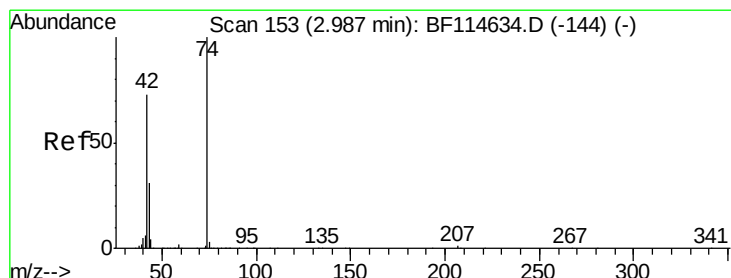
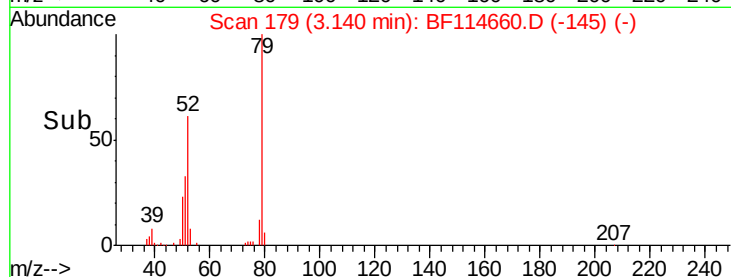
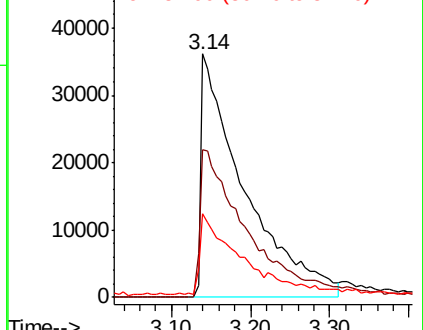
79 100

52 60.5 52.8 79.2

51 34.4 26.3 39.5



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



#4

n-Nitrosodimethylamine

Concen: 4.161 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

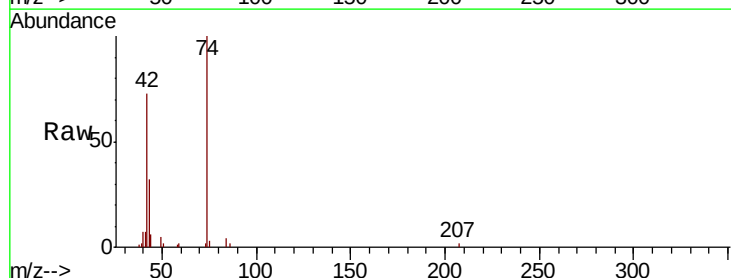
Tgt Ion: 42 Resp: 55369

Ion Ratio Lower Upper

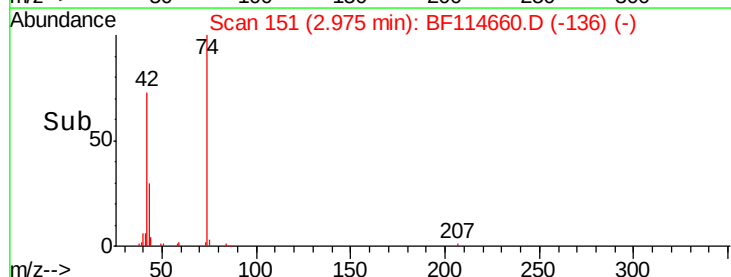
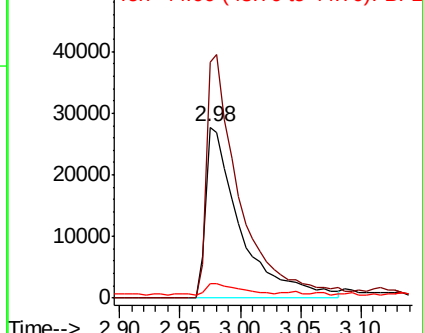
42 100

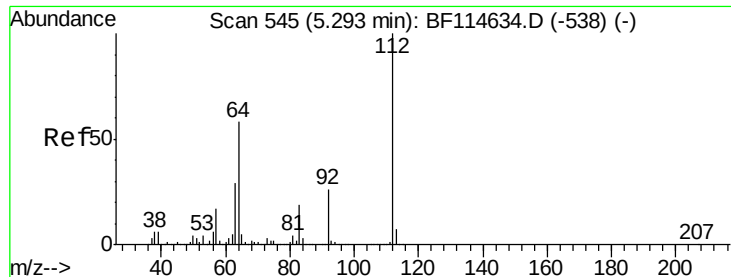
74 137.5 110.0 165.0

44 8.8 5.6 8.4#



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





#5

2-Fluorophenol

Concen: 128.033 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

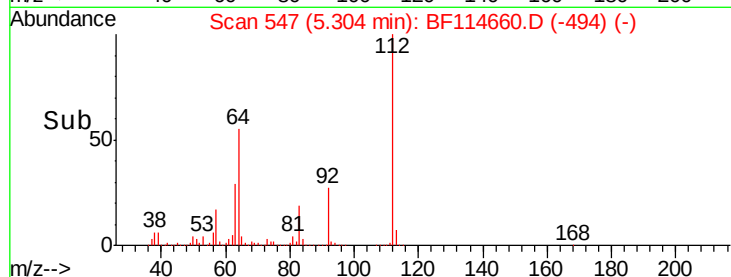
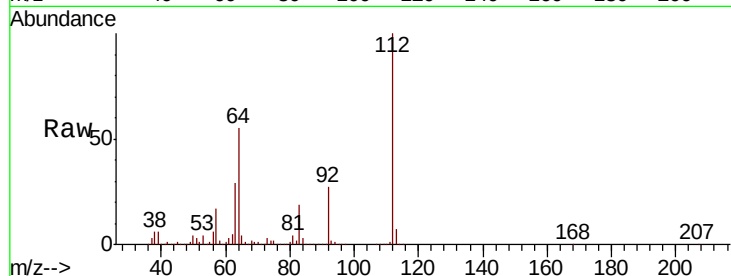
Tot Ion:112 Resp: 3014289

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

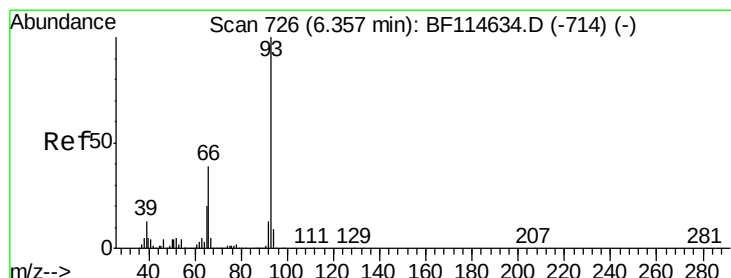
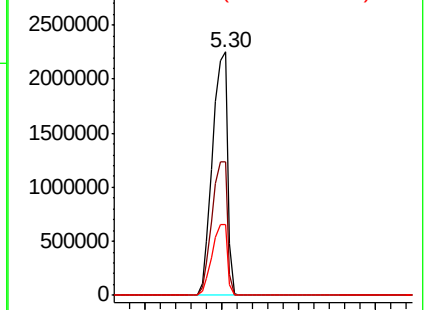
63 28.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.117 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

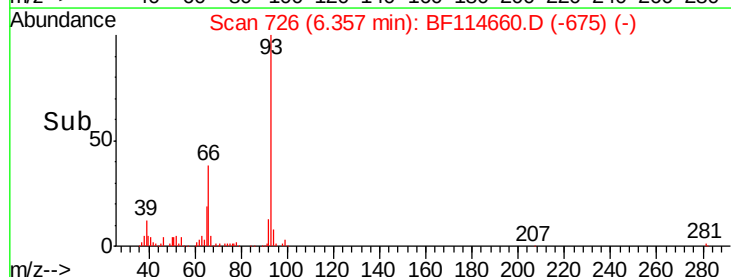
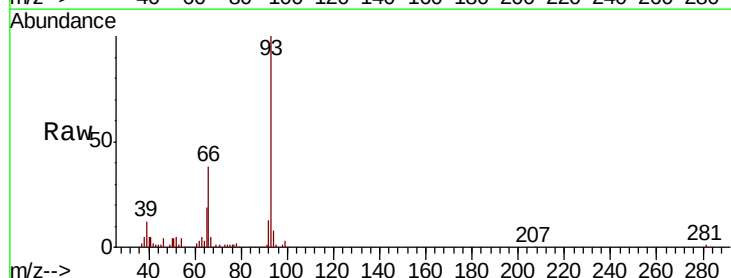
Tgt Ion: 93 Resp: 219294

Ion Ratio Lower Upper

93 100

66 37.7 31.4 47.2

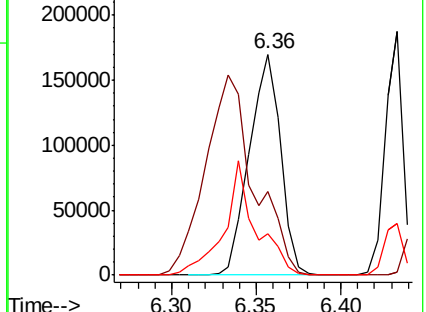
65 18.7 16.2 24.2

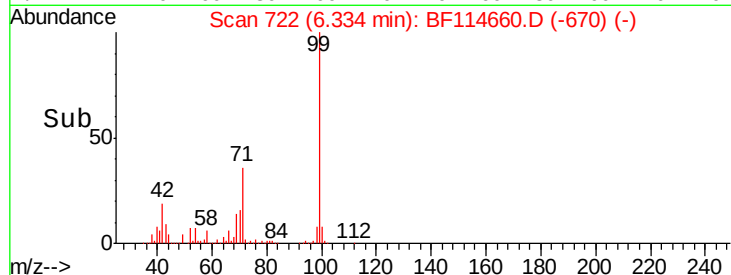
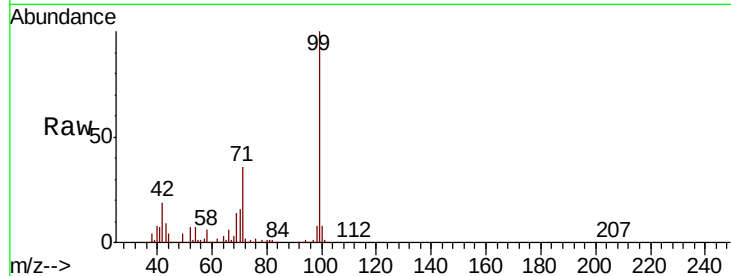
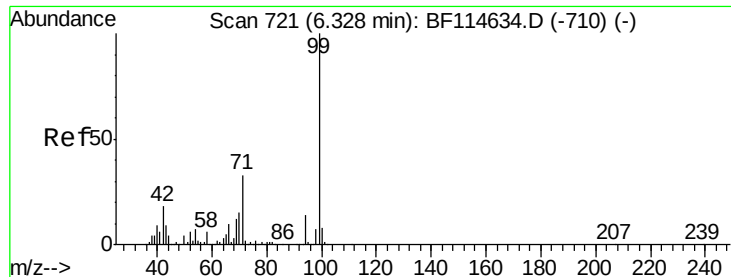


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.033 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

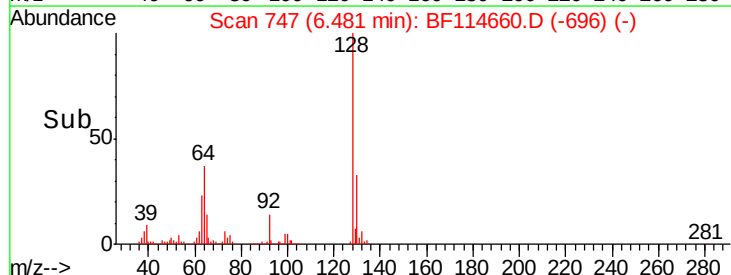
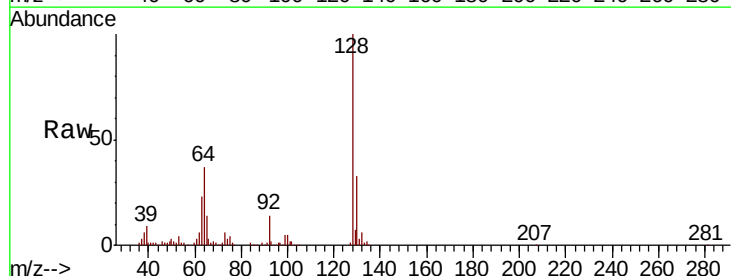
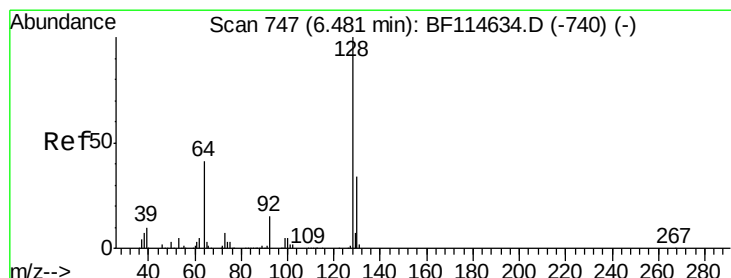
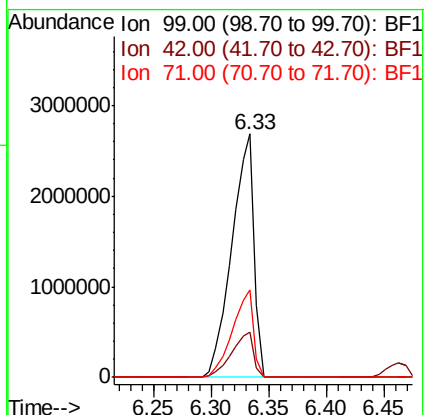
Tot Ion: 99 Resp: 3575569

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

71 36.0 26.6 40.0



#8

2-Chlorophenol

Concen: 5.467 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

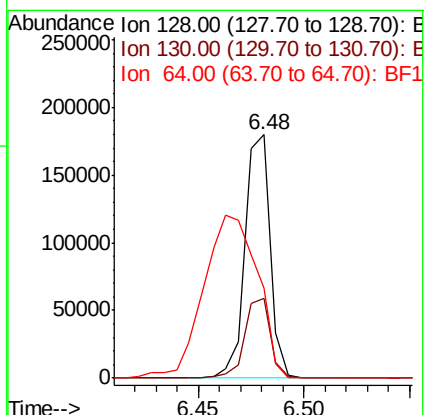
Tgt Ion: 128 Resp: 148635

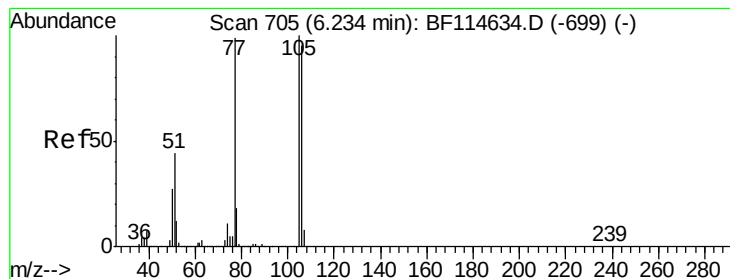
Ion Ratio Lower Upper

128 100

130 32.6 13.9 53.9

64 37.0 22.0 62.0





#9

Benzaldehyde

Concen: 7.452 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

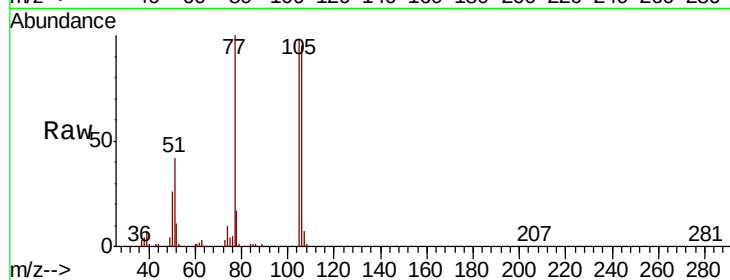
Tot Ion: 77 Resp: 120624

Ion Ratio Lower Upper

77 100

105 97.9 80.8 120.8

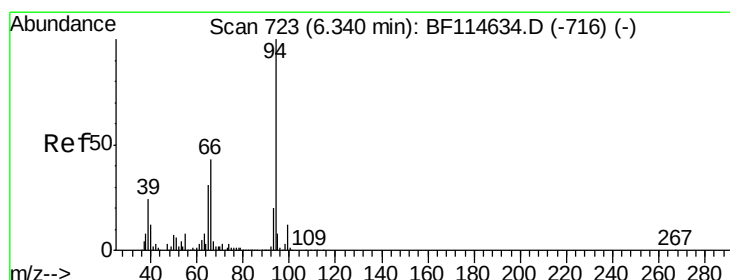
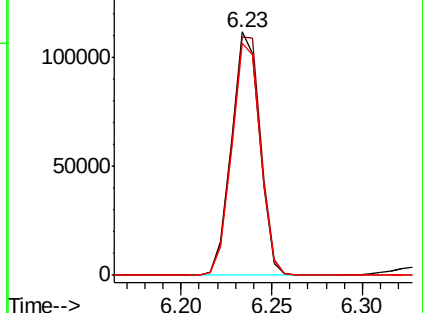
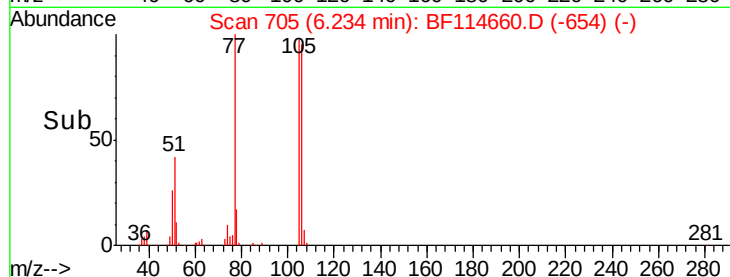
106 95.3 76.2 116.2



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: 5.286 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

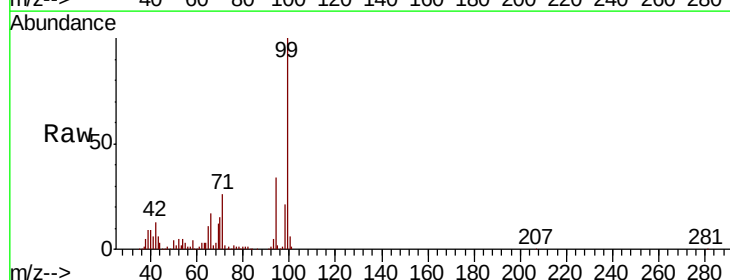
Tgt Ion: 94 Resp: 181148

Ion Ratio Lower Upper

94 100

65 32.7 11.0 51.0

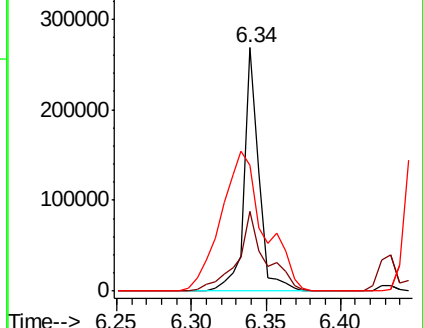
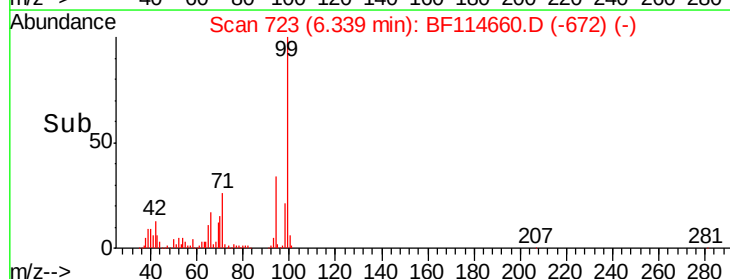
66 51.8 23.0 63.0

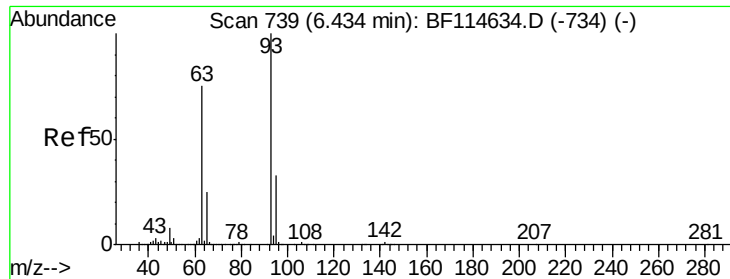


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

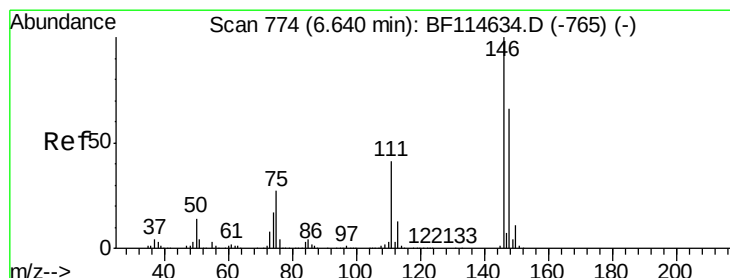
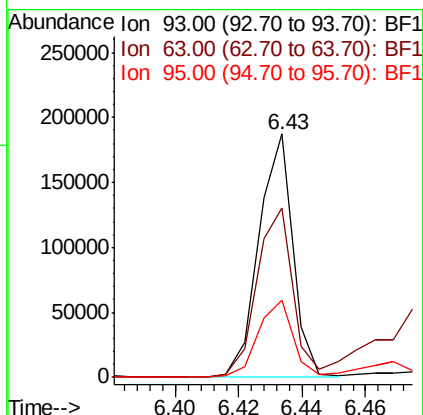
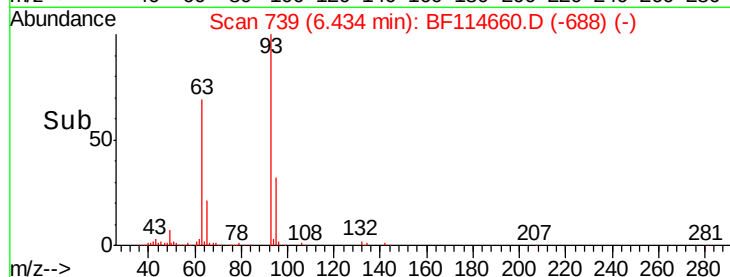
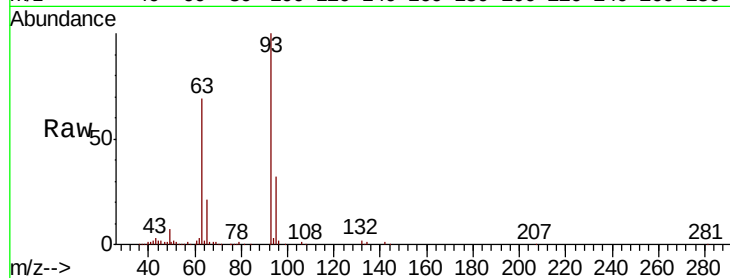




#11
bis(2-Chloroethyl)ether
Concen: 5.343 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

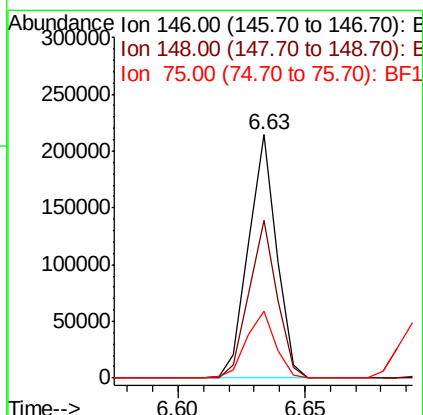
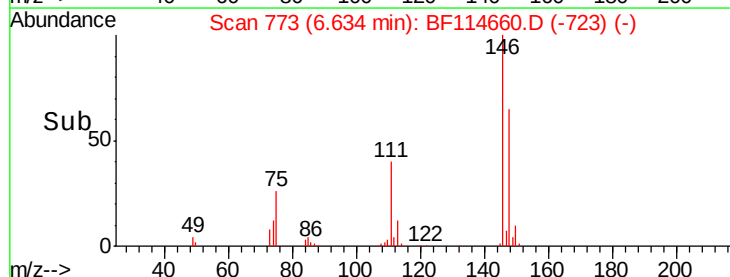
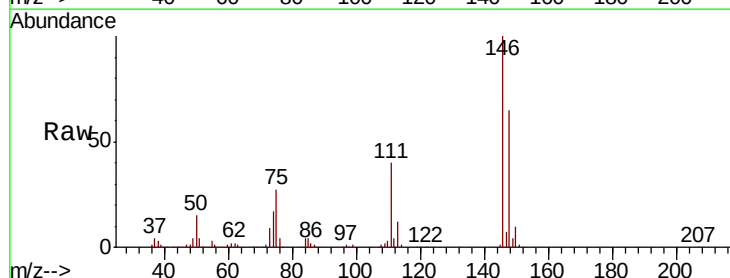
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

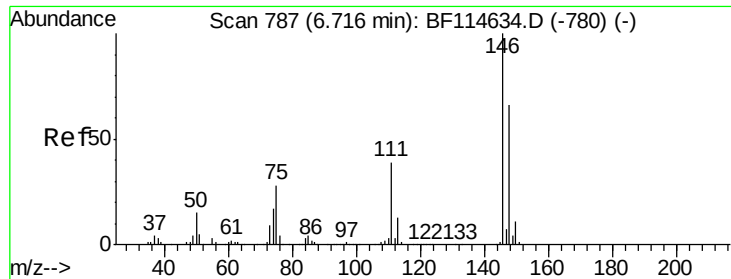
Tot Ion: 93 Resp: 140074
Ion Ratio Lower Upper
93 100
63 69.4 55.0 95.0
95 31.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 5.355 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion: 146 Resp: 165876
Ion Ratio Lower Upper
146 100
148 64.7 52.9 79.3
75 27.3 22.0 33.0

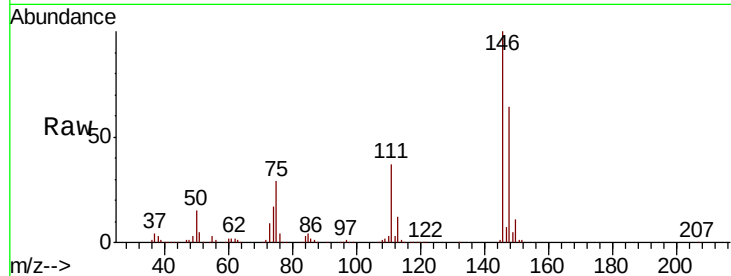




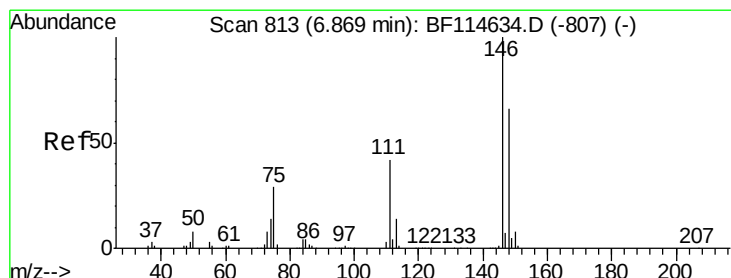
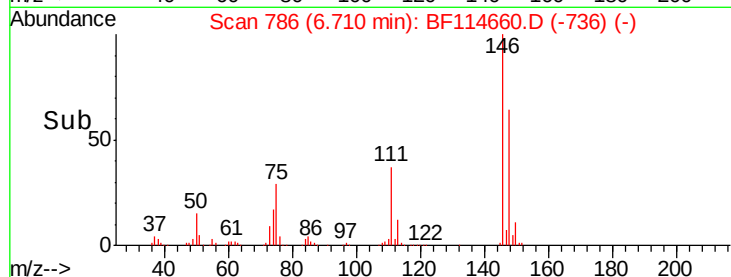
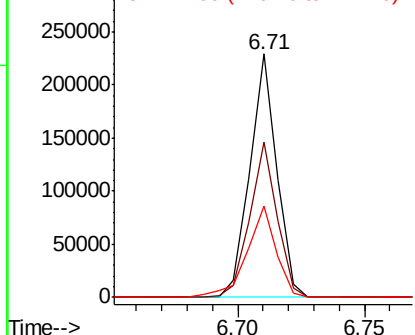
#13
 1,4-Dichlorobenzene
 Concen: 5.459 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion:146 Resp: 169631
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.5 78.7
 111 37.5 31.4 47.2

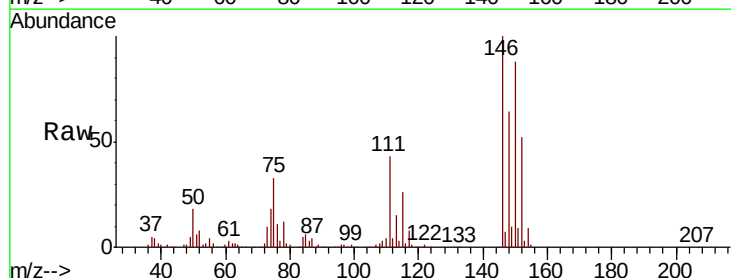


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

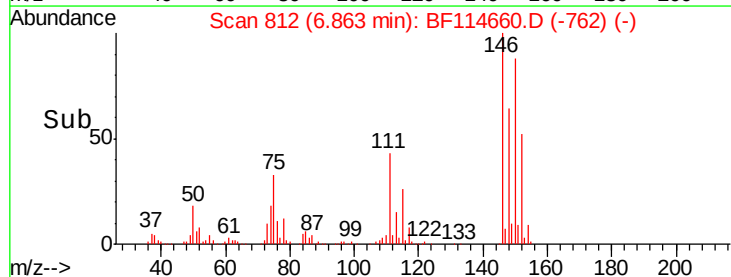
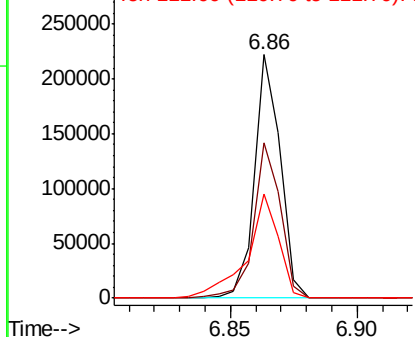


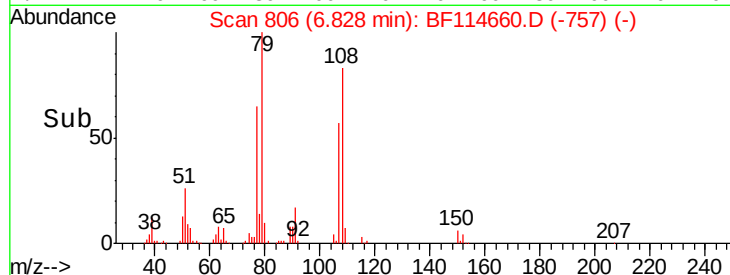
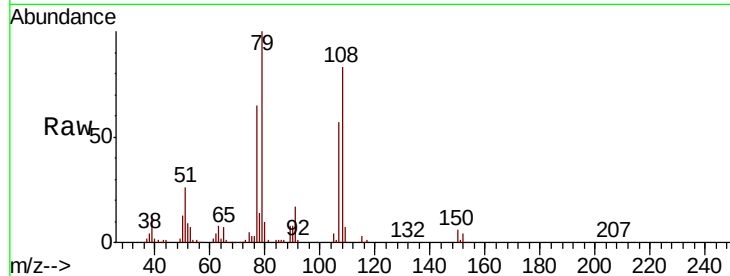
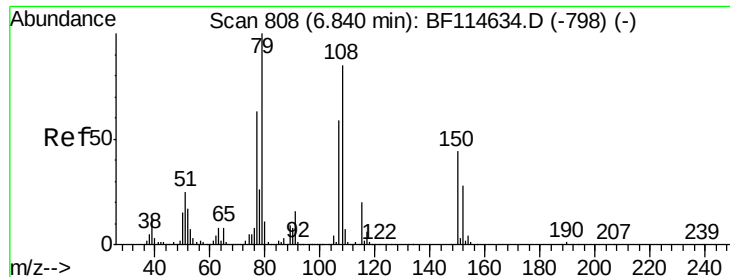
#14
 1,2-Dichlorobenzene
 Concen: 5.543 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:146 Resp: 156819
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 79.0
 111 42.8 34.1 51.1



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





#15

Benzyl Alcohol

Concen: 6.589 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

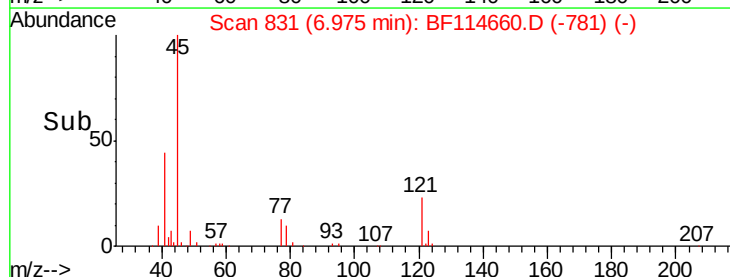
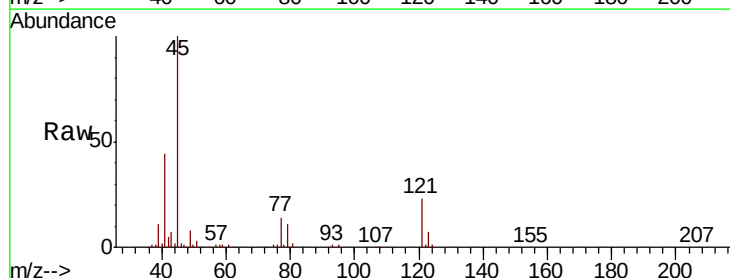
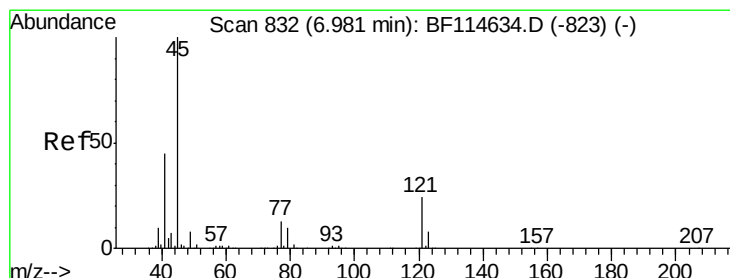
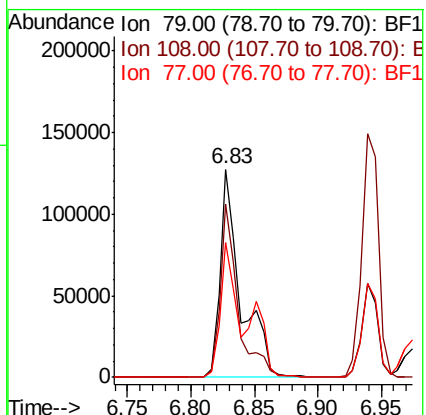
Tot Ion: 79 Resp: 147033

Ion Ratio Lower Upper

79 100

108 83.0 67.8 101.8

77 64.6 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.857 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

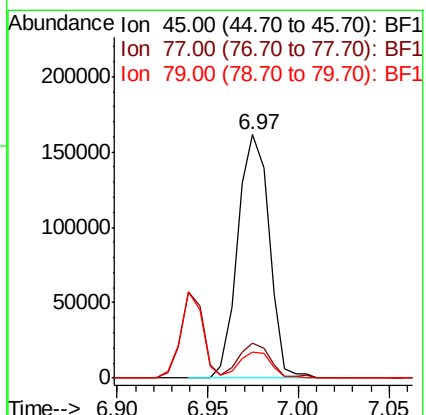
Tgt Ion: 45 Resp: 195274

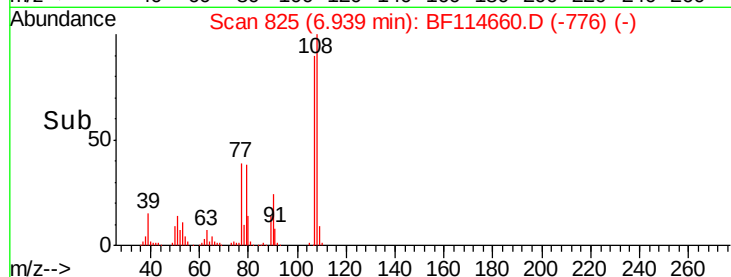
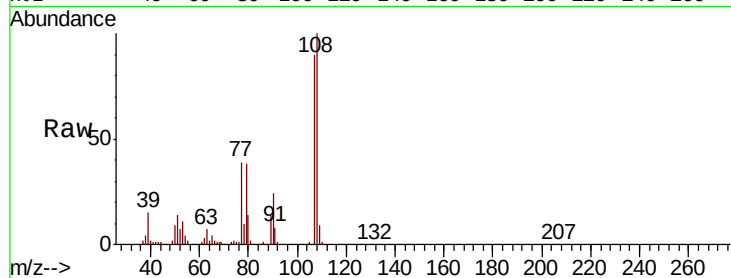
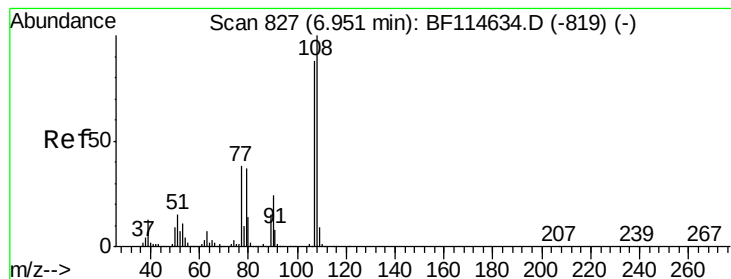
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.7

79 10.9 0.0 31.3





#17

2-Methylphenol

Concen: 5.060 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:107 Resp: 116350

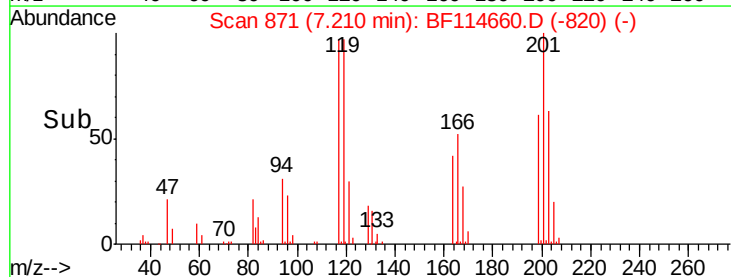
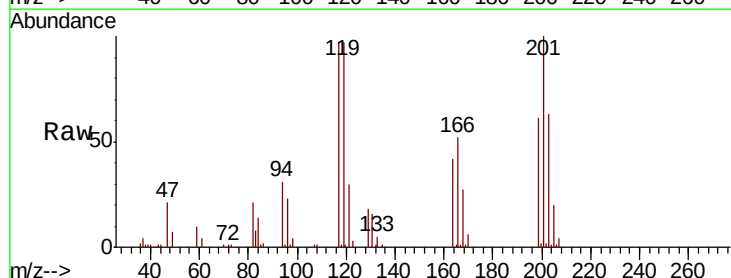
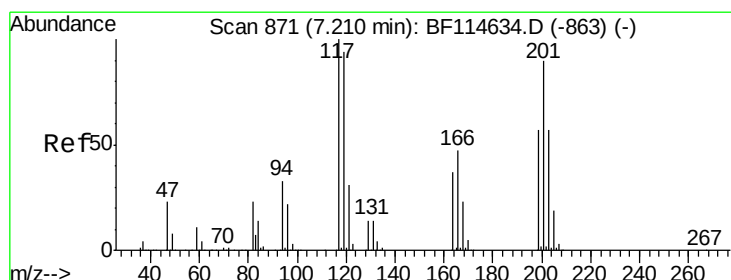
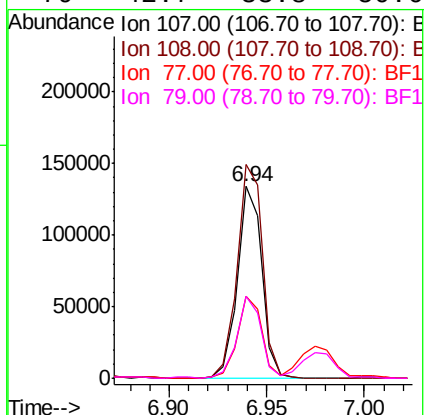
Ion Ratio Lower Upper

107 100

108 111.5 91.1 136.7

77 43.0 34.9 52.3

79 42.7 33.8 50.6



#18

Hexachloroethane

Concen: 4.804 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

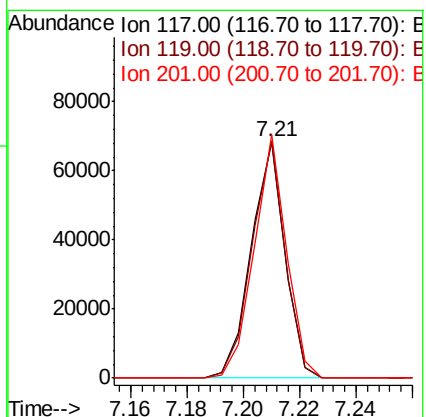
Tgt Ion:117 Resp: 56521

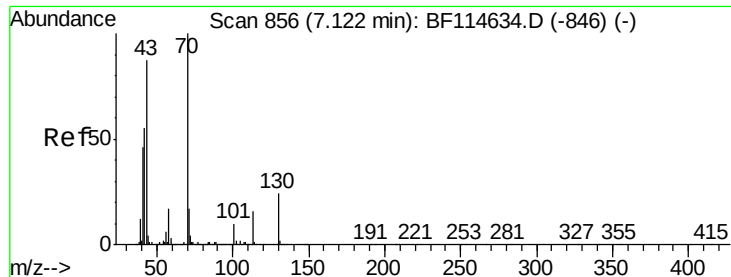
Ion Ratio Lower Upper

117 100

119 100.2 75.6 113.4

201 102.9 71.7 107.5

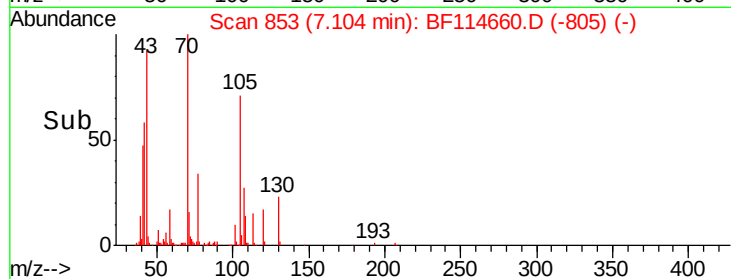
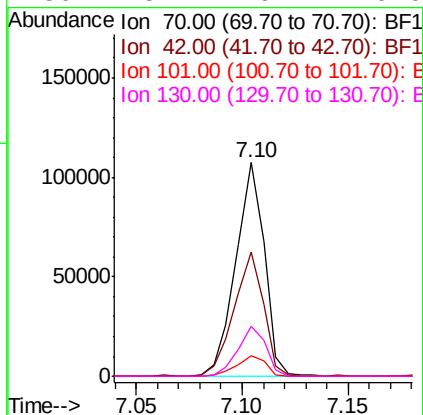
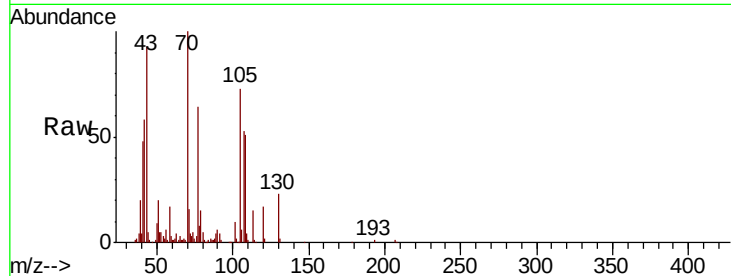




#19
n-Nitroso-di-n-propylamine
Concen: 5.131 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

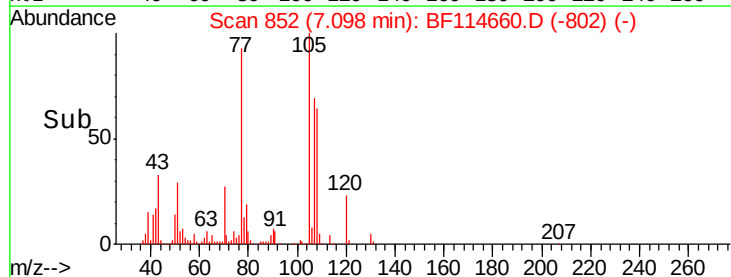
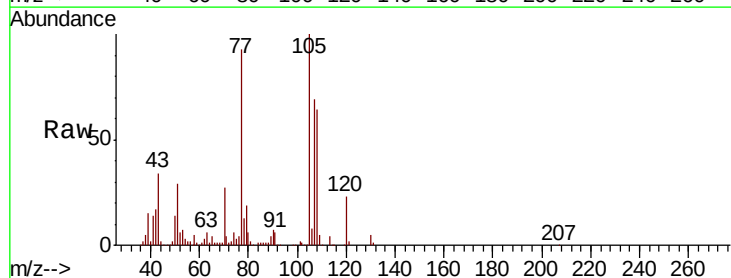
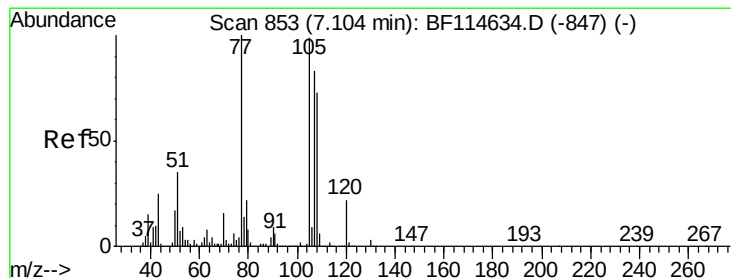
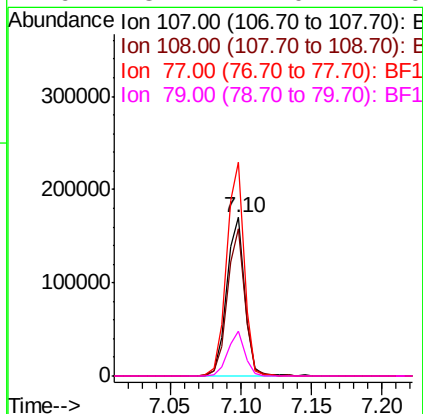
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

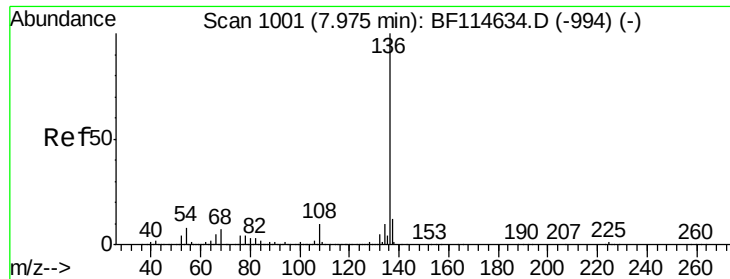
Tot Ion:	70	Resp:	100486
Ion	Ratio	Lower	Upper
70	100		
42	57.9	44.4	66.6
101	9.7	8.2	12.4
130	23.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 5.587 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:	107	Resp:	151117
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.6	108.6
77	134.9	100.5	140.5
79	28.1	7.0	47.0

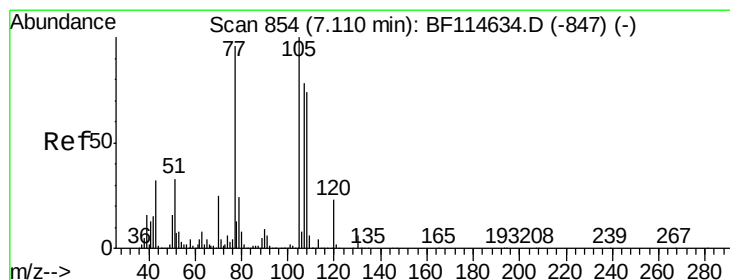
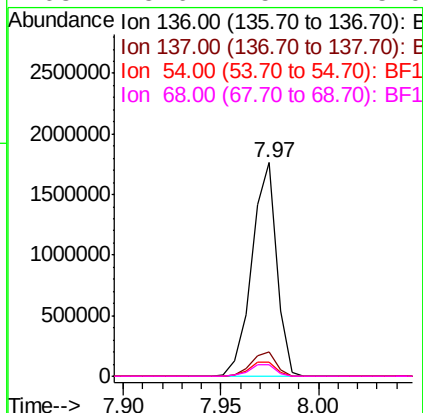
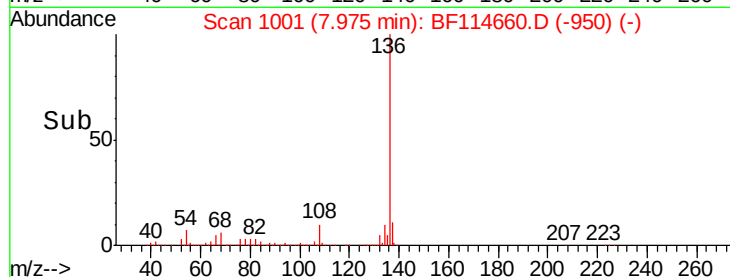
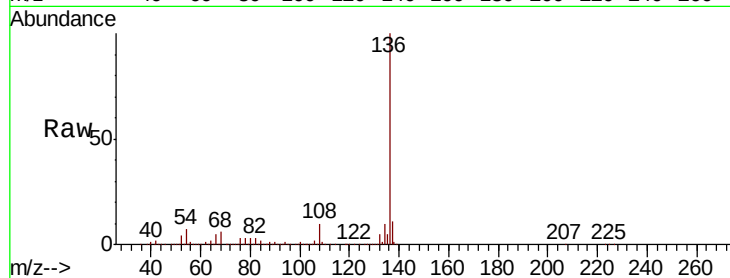




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

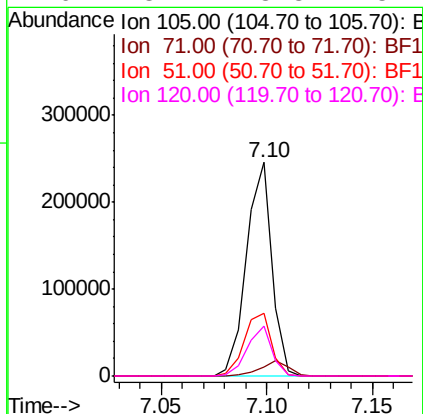
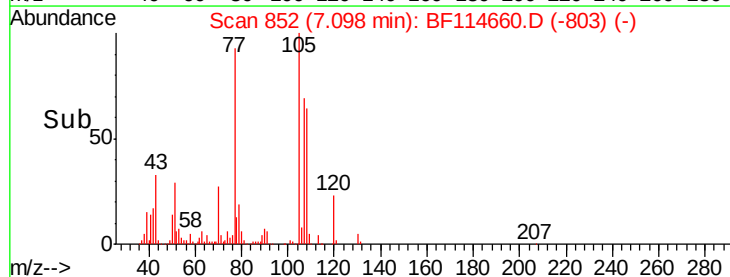
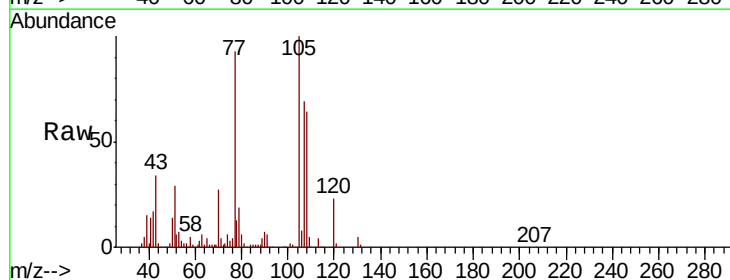
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

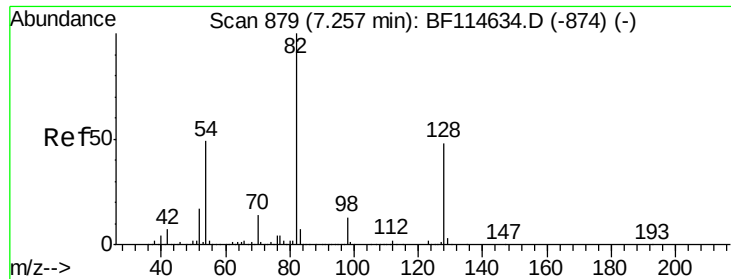
Tot Ion:136	Resp: 1553928
Ion Ratio	Lower Upper
136 100	
137 11.5	9.3 13.9
54 6.7	6.3 9.5
68 5.6	5.4 8.0



#22
Acetophenone
Concen: 6.241 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt	Ion:105	Resp:	206649
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.6	5.4
51	29.4	26.0	39.0
120	23.4	18.8	28.2

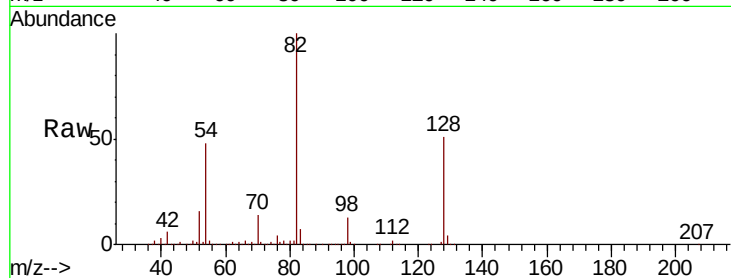




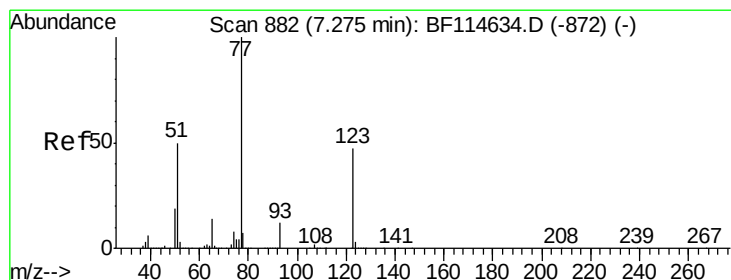
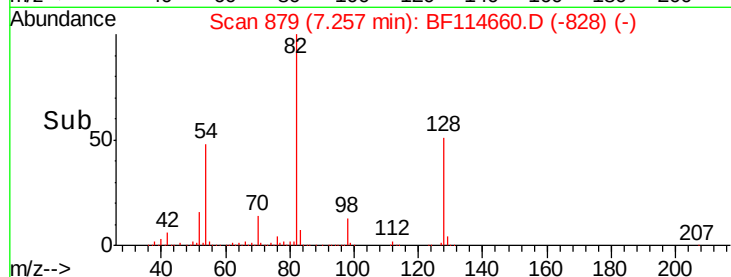
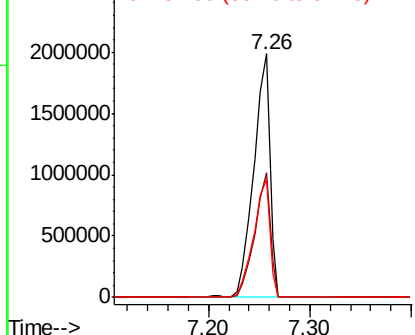
#23
 Nitrobenzene-d5
 Concen: 88.394 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion: 82 Resp: 2201636
 Ion Ratio Lower Upper
 82 100
 128 51.4 38.5 57.7
 54 48.4 39.1 58.7

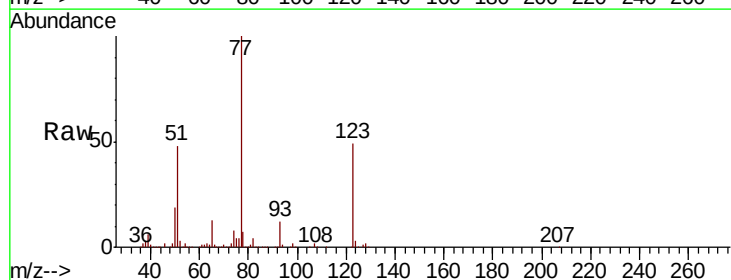


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

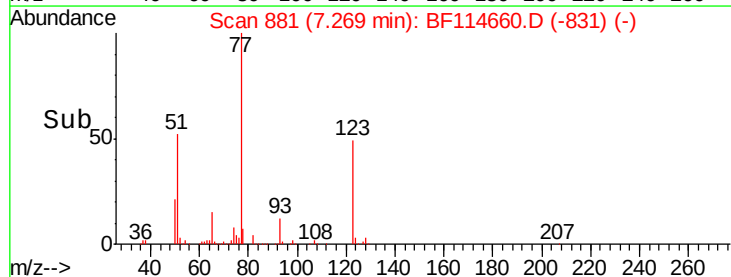
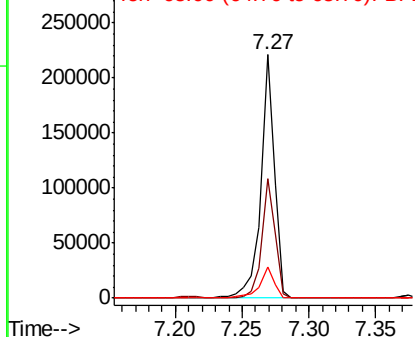


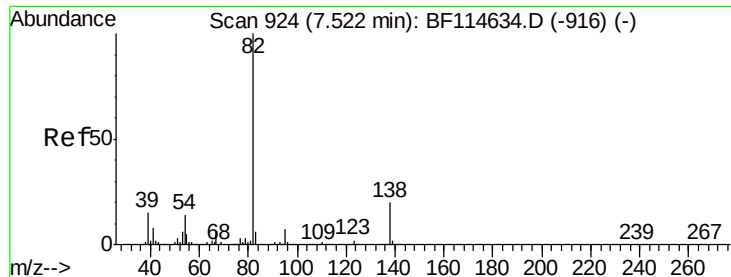
#24
 Nitrobenzene
 Concen: 5.810 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion: 77 Resp: 153716
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.5 57.7
 65 13.0 11.2 16.8



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





#25

Isophorone

Concen: 5.404 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

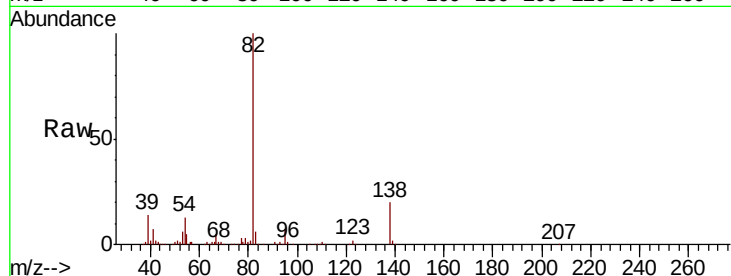
Tot Ion: 82 Resp: 270139

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

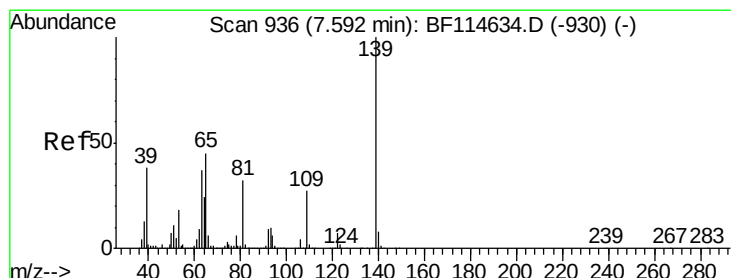
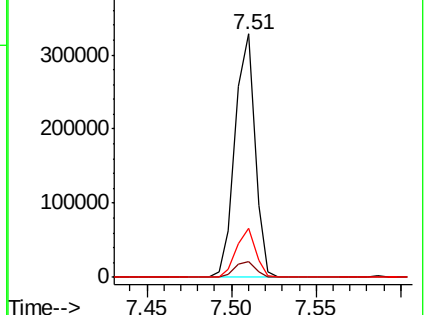
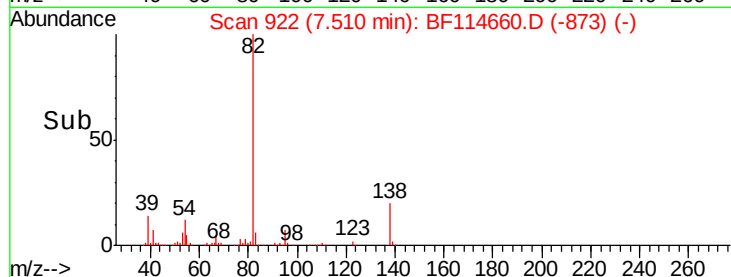
138 19.9 15.9 23.9



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: 4.747 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

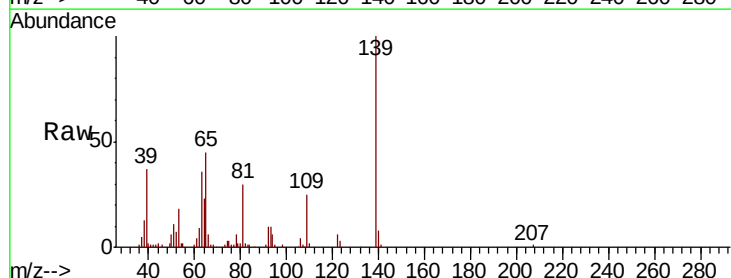
Tgt Ion: 139 Resp: 61139

Ion Ratio Lower Upper

139 100

109 24.7 21.7 32.5

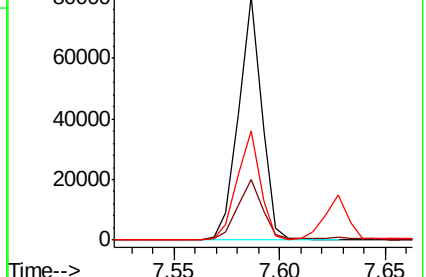
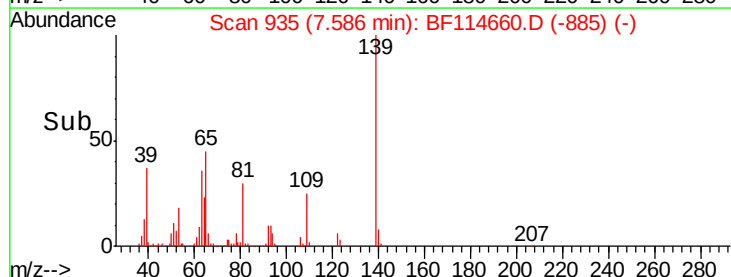
65 45.1 36.3 54.5

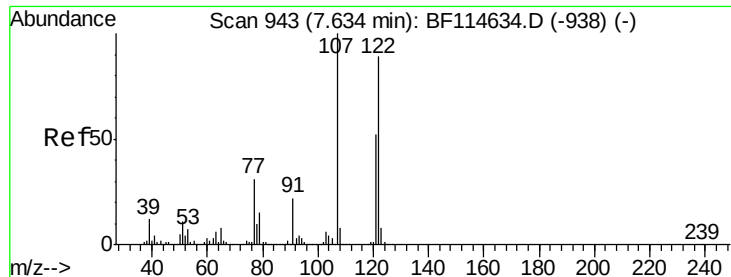


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 5.873 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

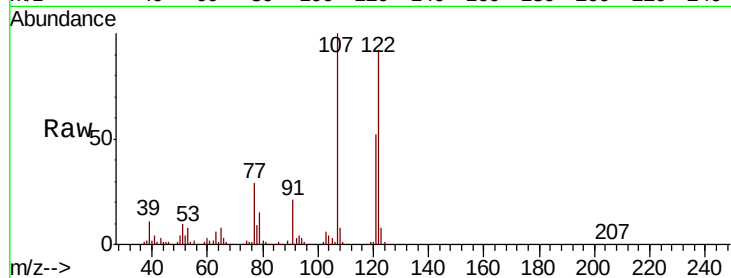
Tot Ion:122 Resp: 125802

Ion Ratio Lower Upper

122 100

107 108.8 89.3 133.9

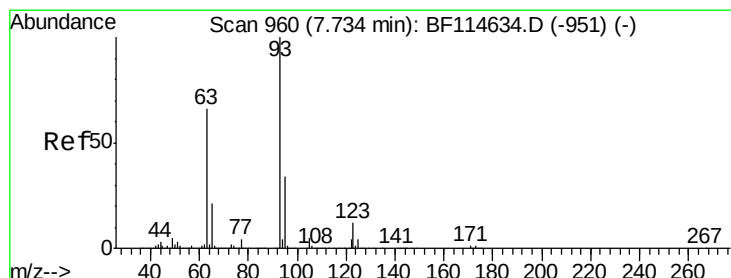
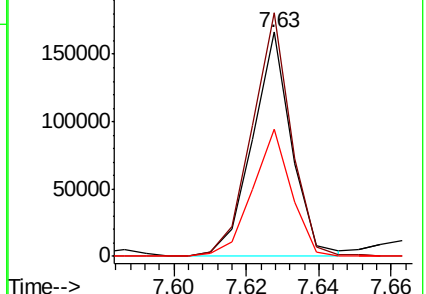
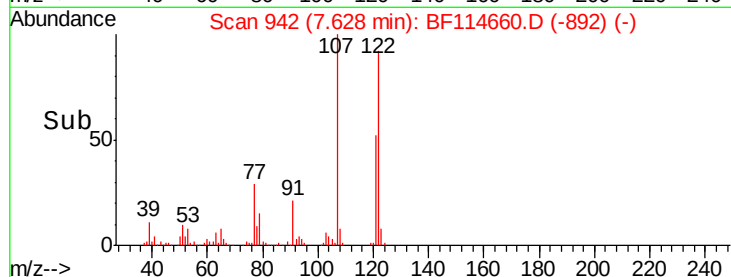
121 57.0 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.330 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

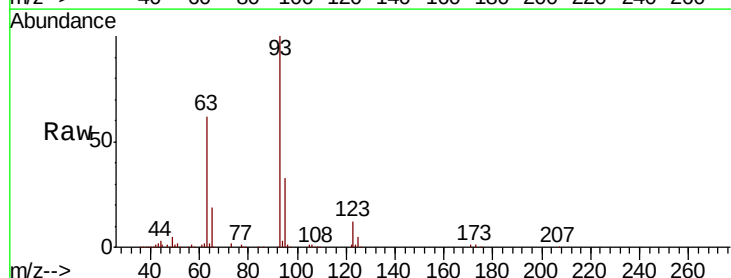
Tgt Ion: 93 Resp: 169586

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

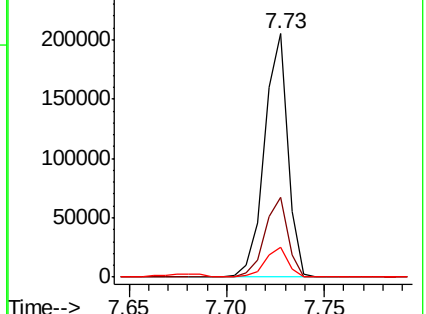
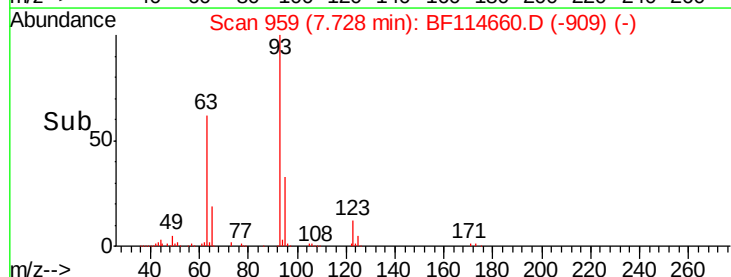
123 12.2 10.2 15.2

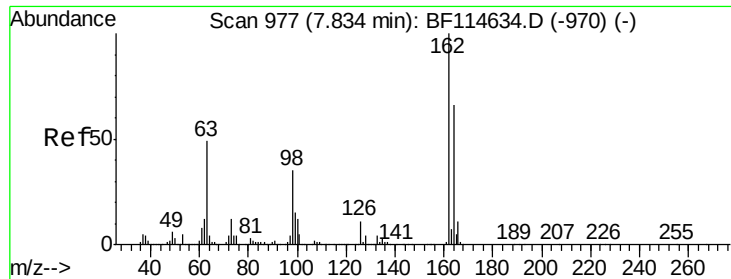


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

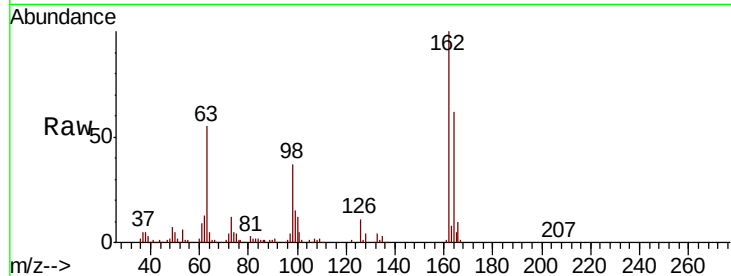




#29
 2,4-Dichlorophenol
 Concen: 5.591 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	45.8	85.8
98	36.5	14.9	54.9

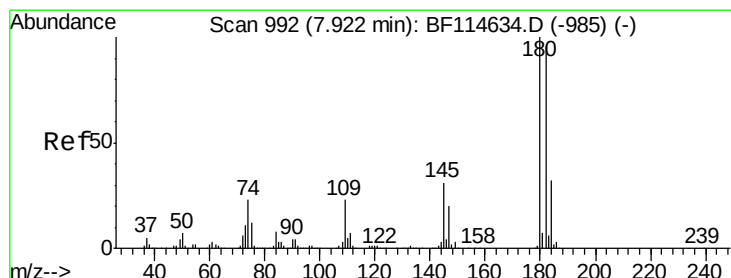
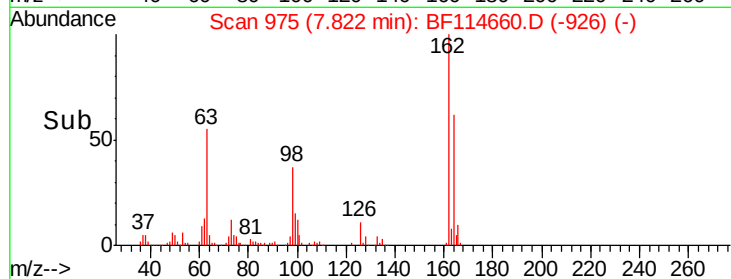
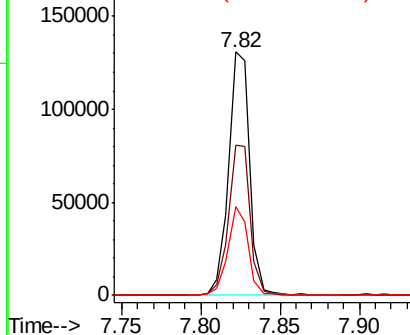


Abundance

Ion 162.00 (161.70 to 162.70): E

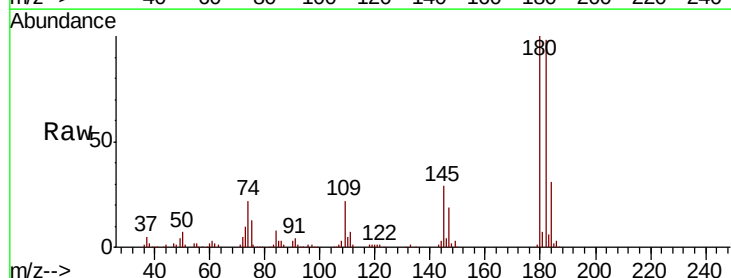
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 5.634 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.9	115.3
145	29.3	24.5	36.7

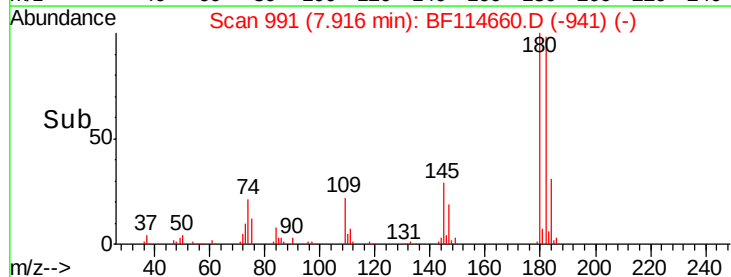
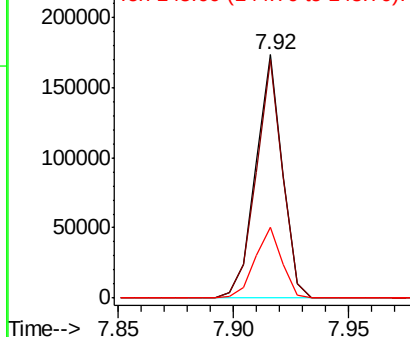


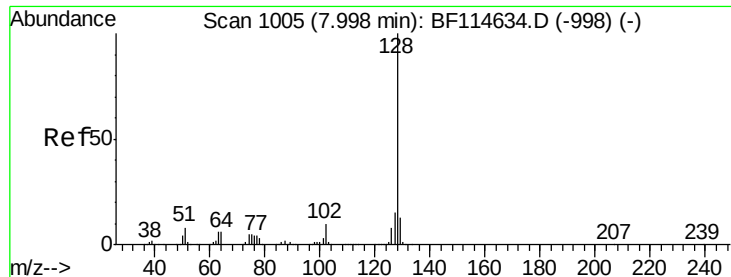
Abundance

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

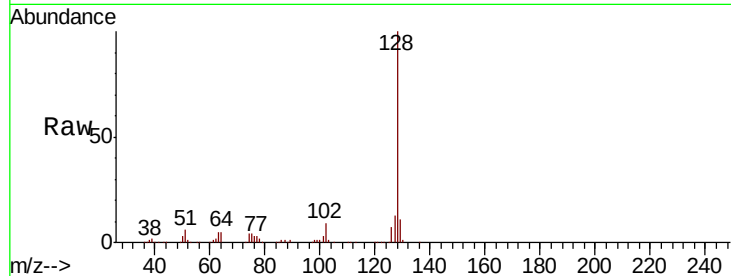




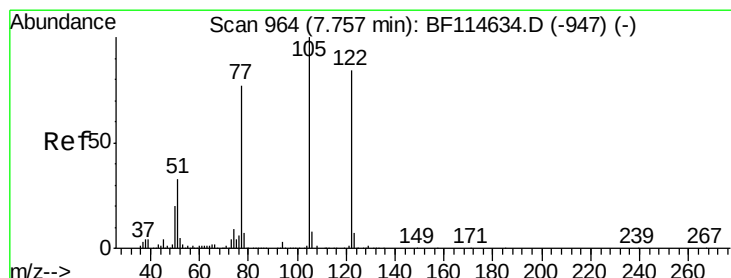
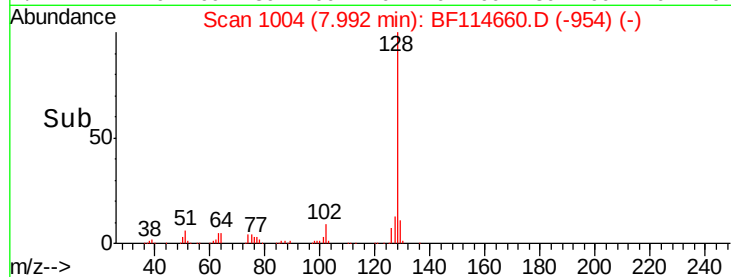
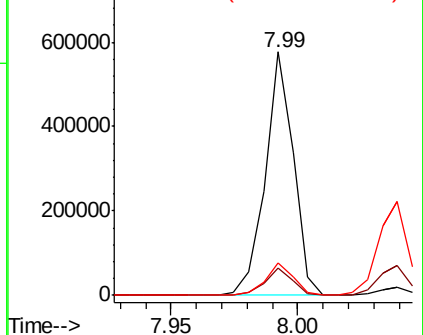
#31
Naphthalene
Concen: 6.271 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot	Ion:128	Resp:	448854
Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.4	11.9	17.9

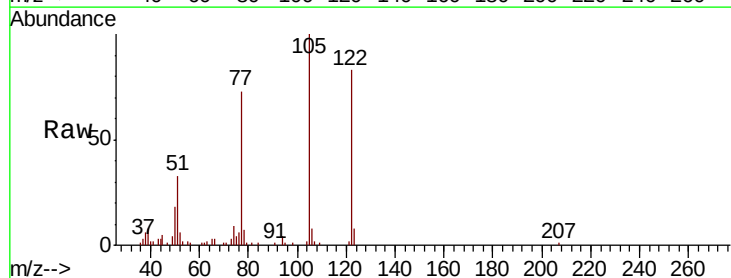


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

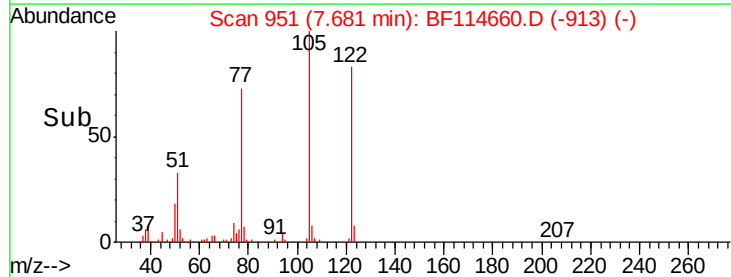
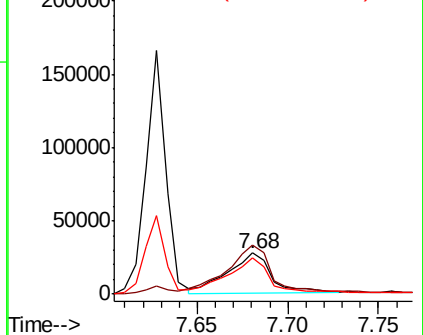


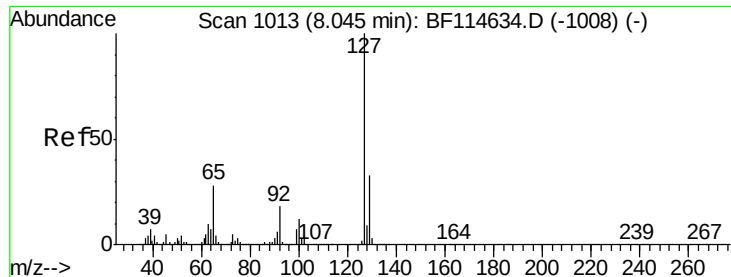
#32
Benzoic acid
Concen: 3.228 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt	Ion:122	Resp:	44905
Ion	Ratio	Lower	Upper
122	100		
105	119.8	98.3	138.3
77	87.9	70.7	110.7



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

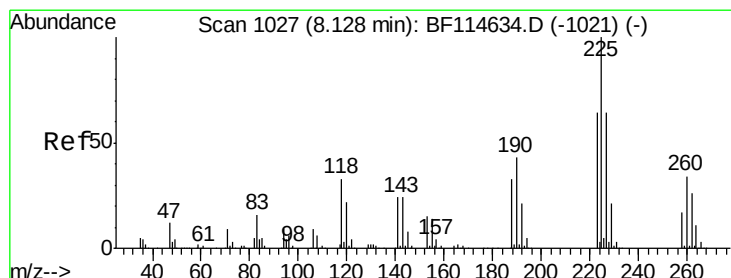
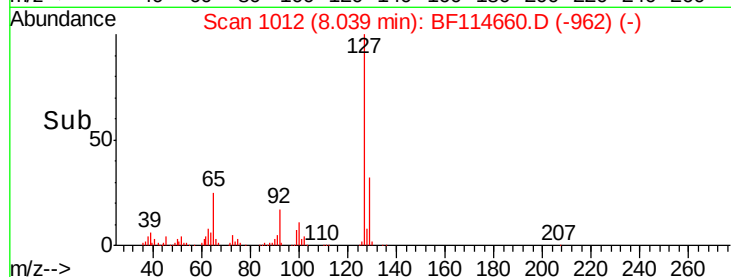
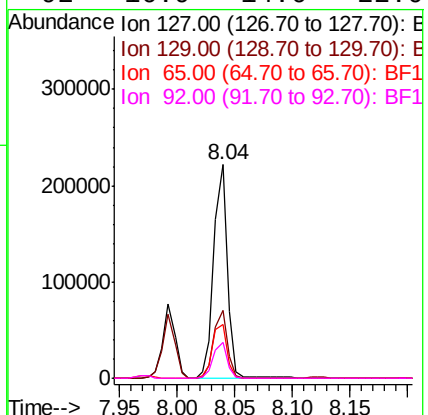
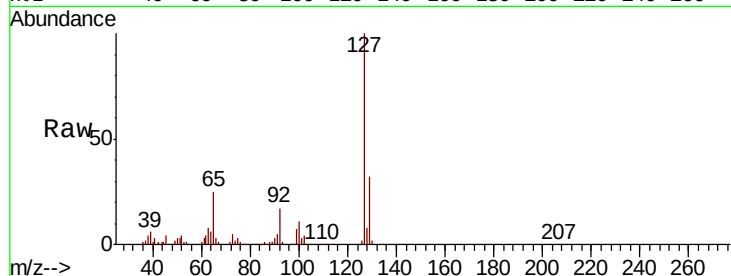




#33
4-Chloroaniline
Concen: 5.375 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

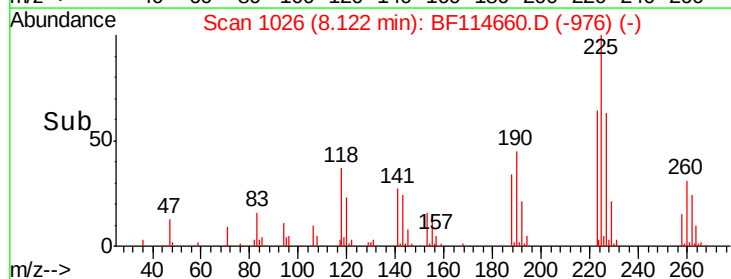
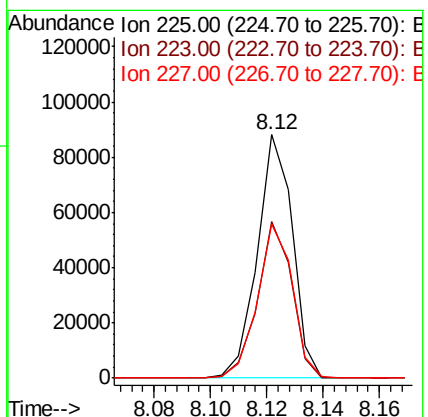
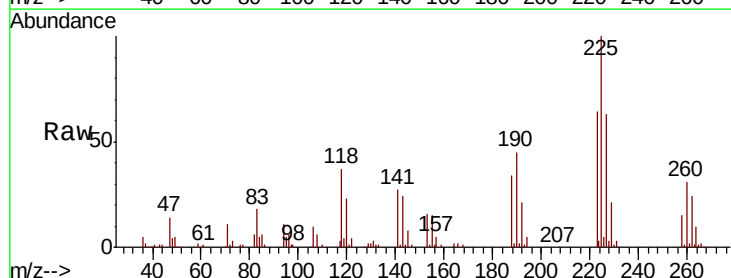
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

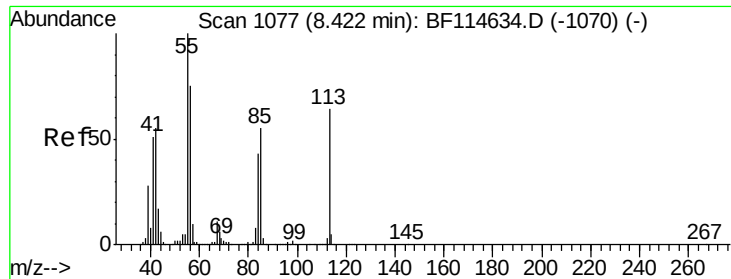
Tot Ion:	127	Resp:	183296
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	25.5	22.5	33.7
92	16.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 5.522 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:	225	Resp:	76195
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	63.2	51.3	76.9

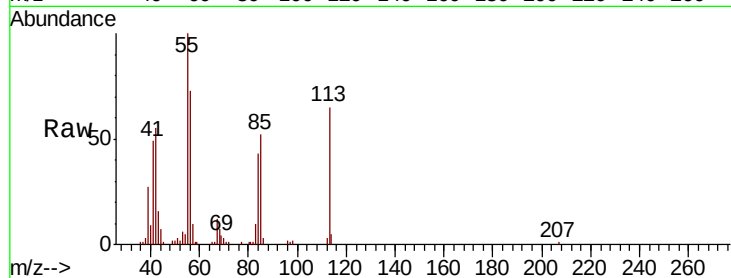




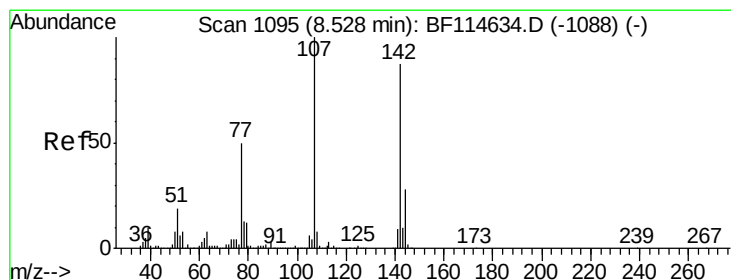
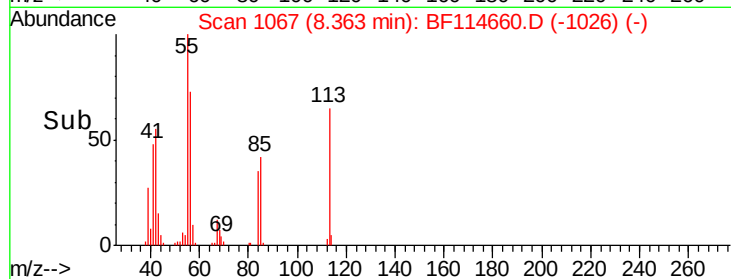
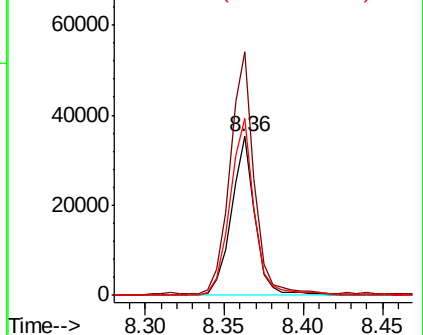
#35
Caprolactam
Concen: 4.914 ng
RT: 8.36 min Scan# 1067
Delta R.T. -0.06 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:113 Resp: 36155
Ion Ratio Lower Upper
113 100
55 153.1 136.4 176.4
56 111.0 97.0 137.0

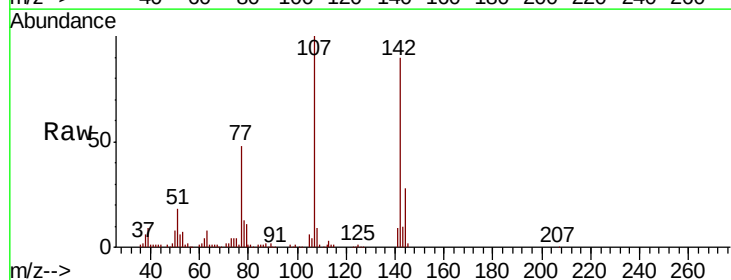


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

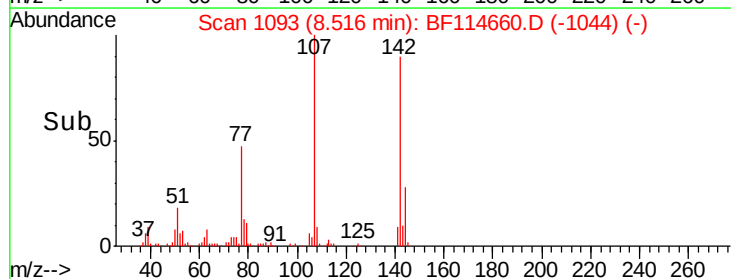
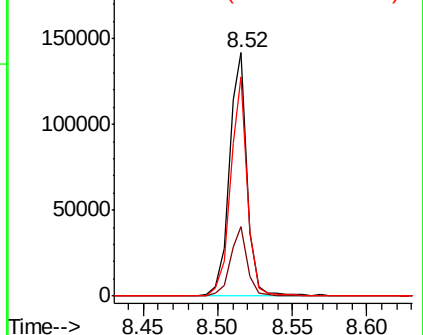


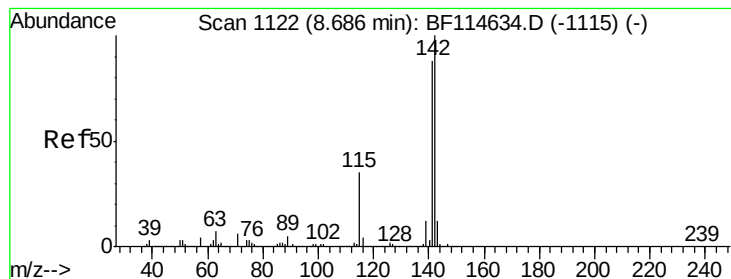
#36
4-Chloro-3-methylphenol
Concen: 5.502 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:107 Resp: 120289
Ion Ratio Lower Upper
107 100
144 28.4 22.5 33.7
142 90.0 69.8 104.6



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

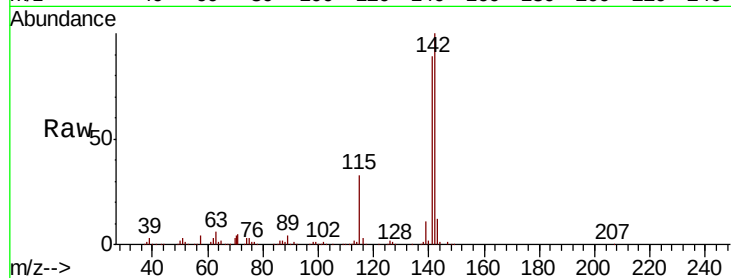




#37
 2-Methylnaphthalene
 Concen: 6.384 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	33.0	28.0	42.0

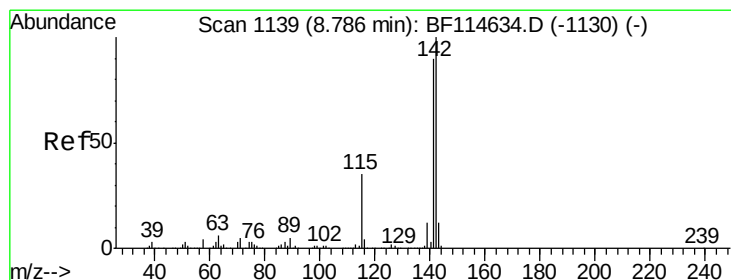
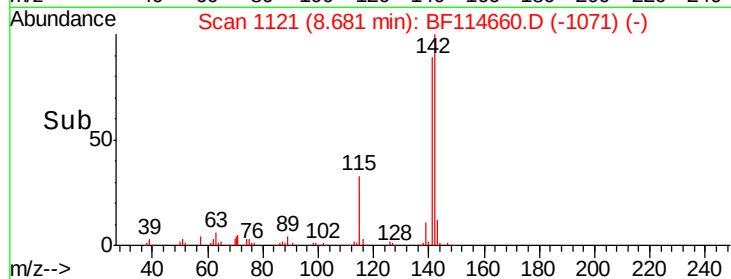
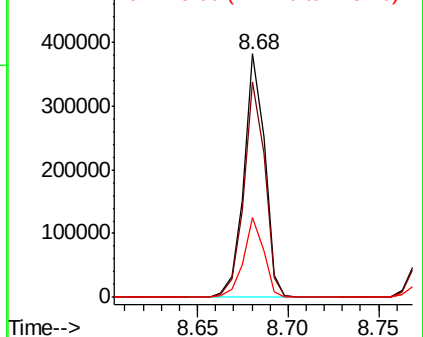


Abundance

Ion 142.00 (141.70 to 142.70): E

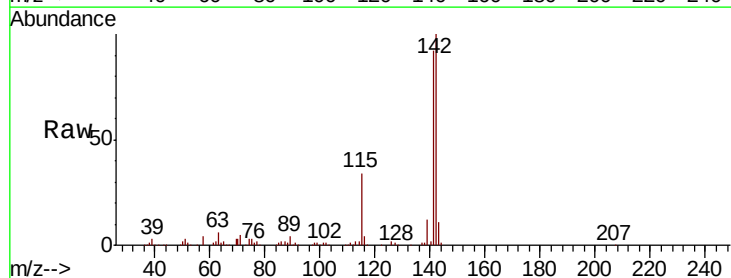
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 6.368 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.3	108.5
116	3.6	3.0	4.4

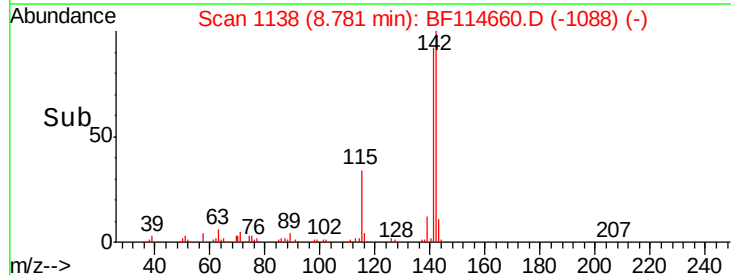
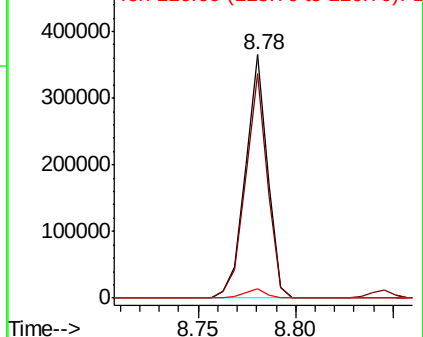


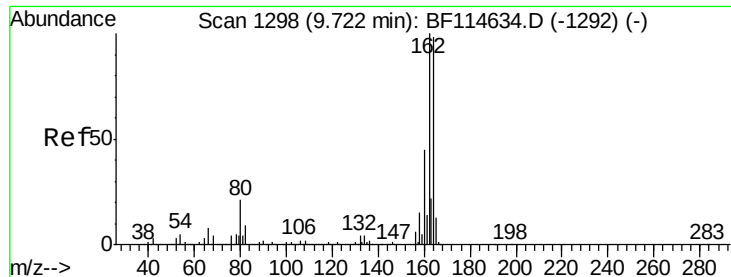
Abundance

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

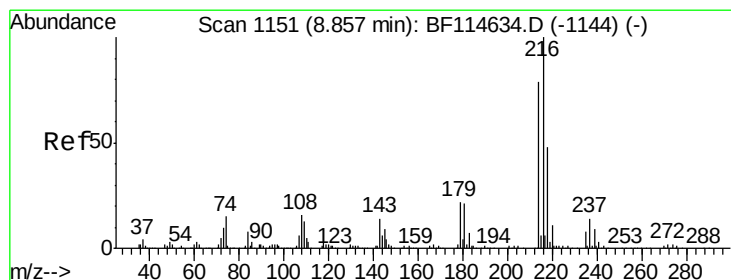
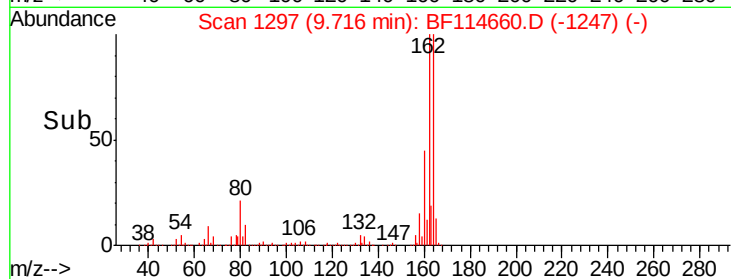
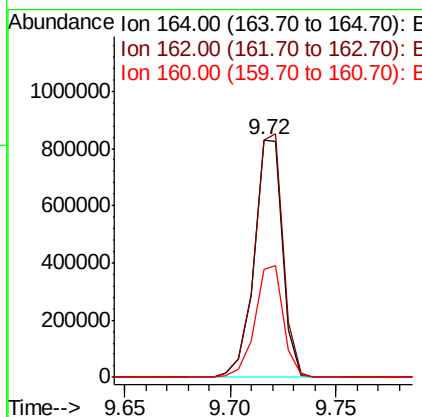
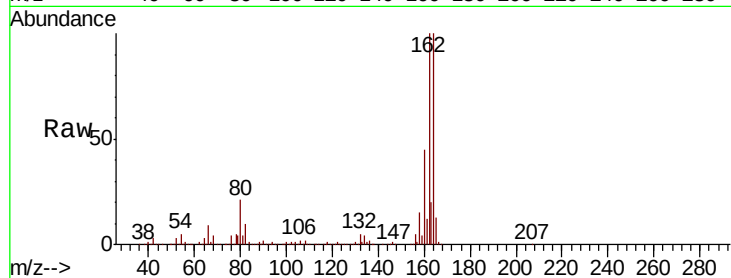




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

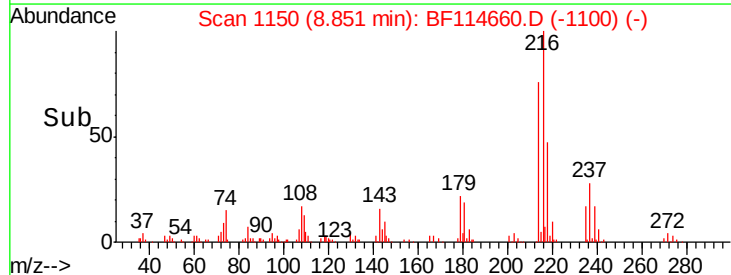
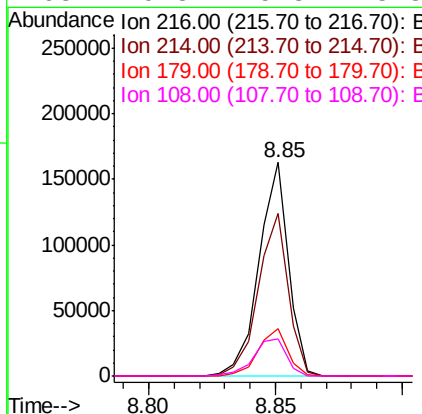
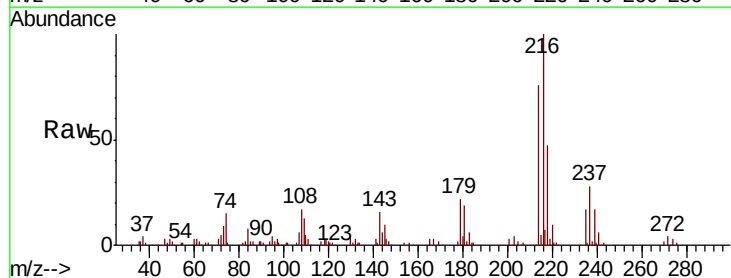
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

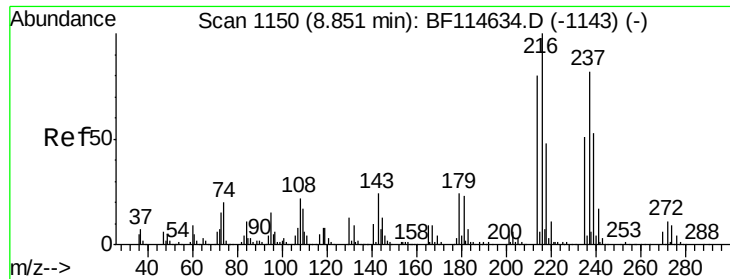
Tot Ion:	164	Resp:	776410
Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.2
160	45.2	36.6	54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.429 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:	216	Resp:	132923
Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.2	94.8
179	21.9	17.9	26.9
108	19.3	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 5.456 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

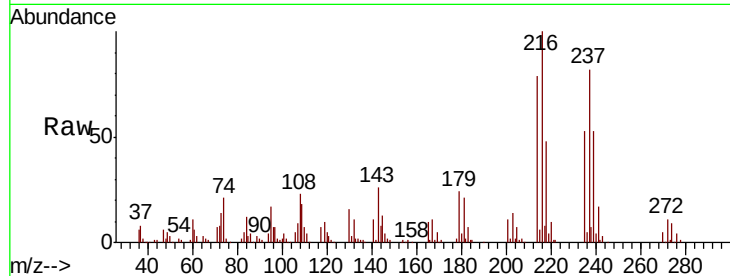
Tot Ion:237 Resp: 74551

Ion Ratio Lower Upper

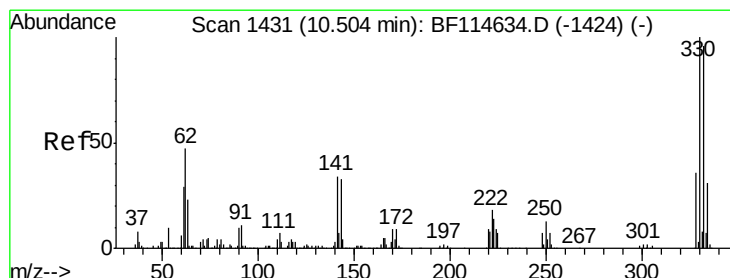
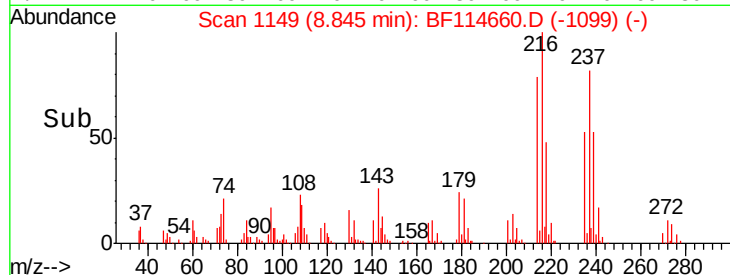
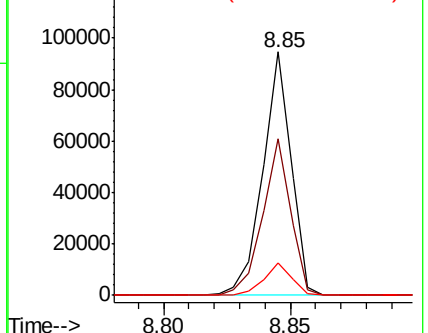
237 100

235 64.3 42.8 82.8

272 13.3 0.0 33.7



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: 141.262 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

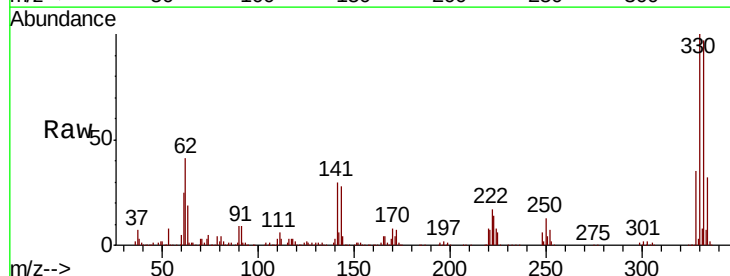
Tgt Ion:330 Resp: 1045052

Ion Ratio Lower Upper

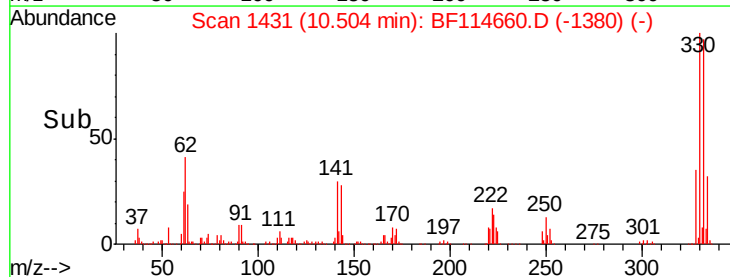
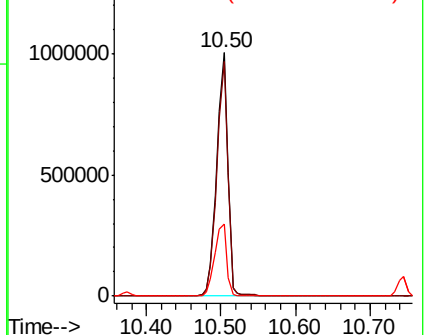
330 100

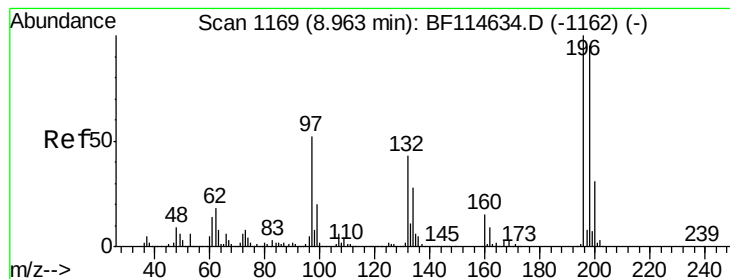
332 95.9 75.8 113.8

141 32.0 27.8 41.8



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: 5.196 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

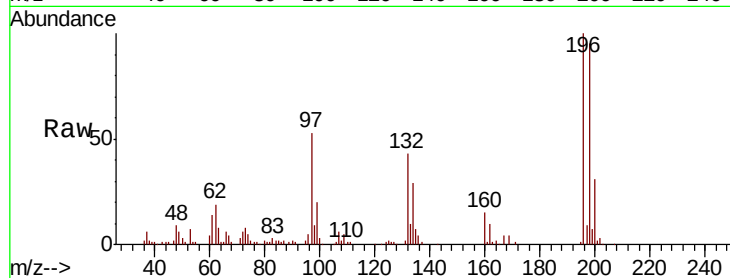
Tot Ion:196 Resp: 84534

Ion Ratio Lower Upper

196 100

198 95.3 76.1 114.1

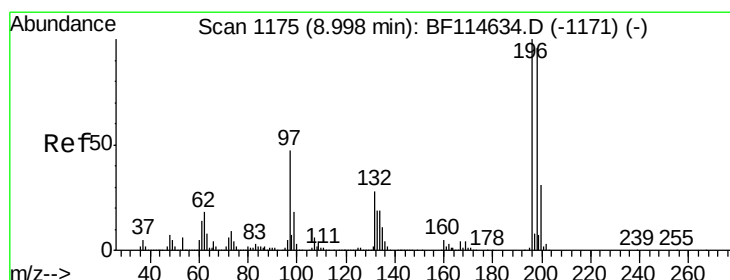
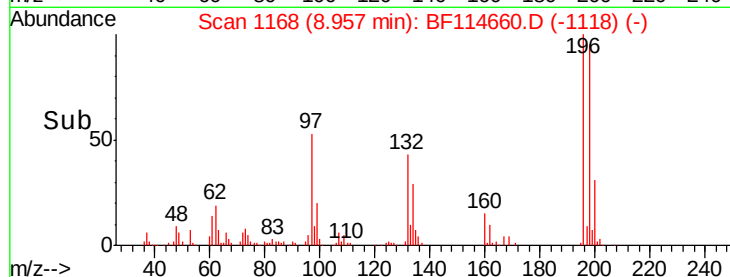
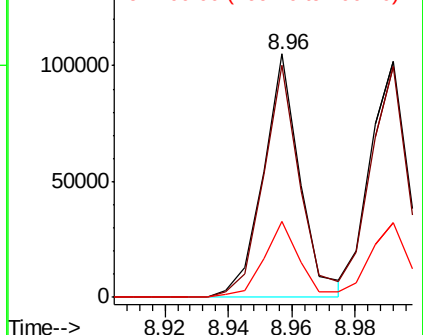
200 31.1 24.7 37.1



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: 5.425 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Tgt Ion:196 Resp: 88069

Ion Ratio Lower Upper

196 100

198 97.7 76.8 115.2

97 44.8 37.8 56.8

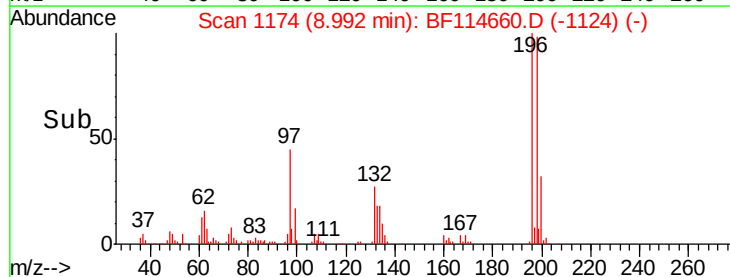
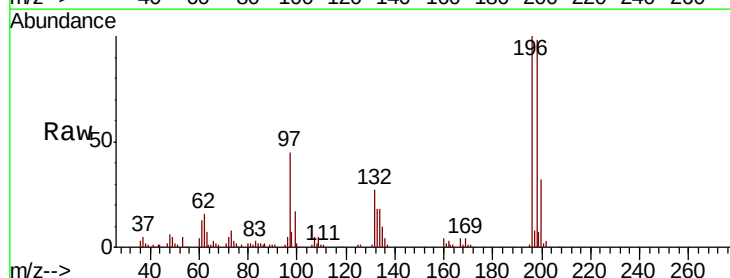
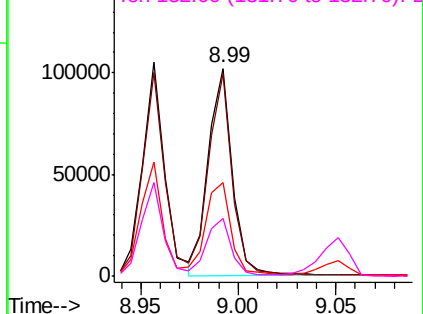
132 27.5 22.6 33.8

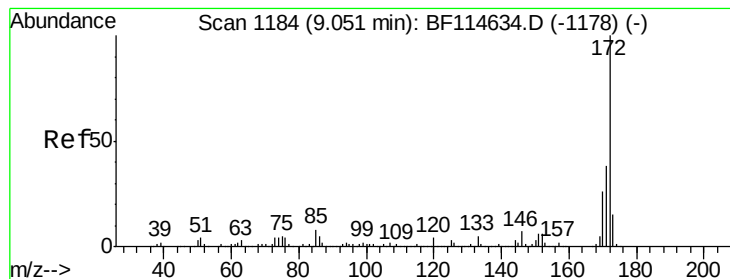
Abundance Ion 196.00 (195.70 to 196.70): E

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: 79.094 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

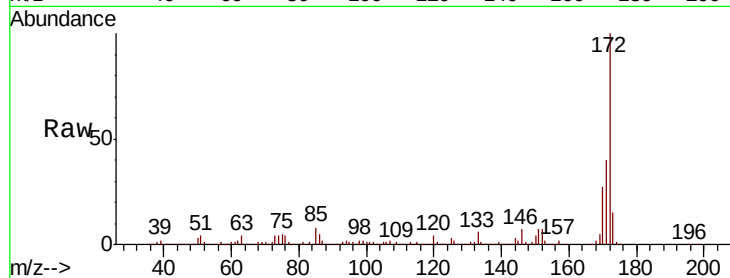
Tot Ion:172 Resp: 3696294

Ion Ratio Lower Upper

172 100

171 40.2 30.6 45.8

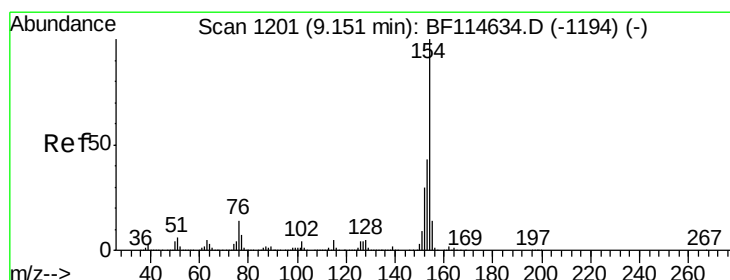
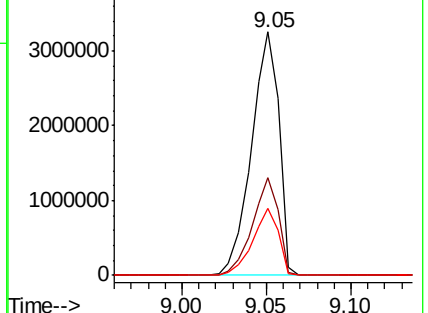
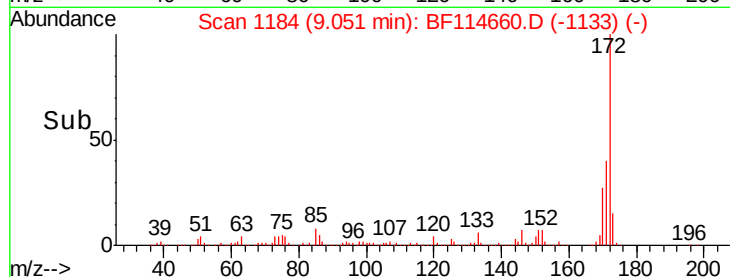
170 27.4 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 6.415 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

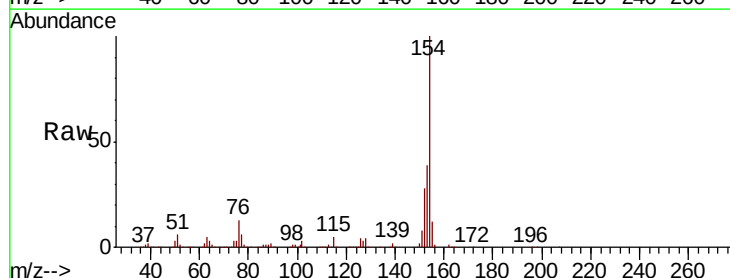
Tgt Ion:154 Resp: 369691

Ion Ratio Lower Upper

154 100

153 39.3 23.0 63.0

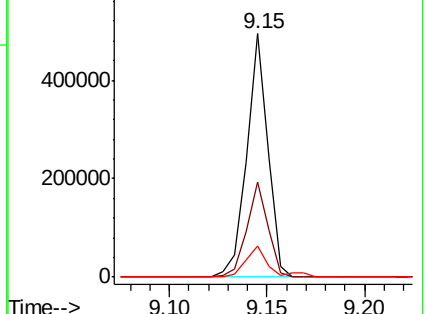
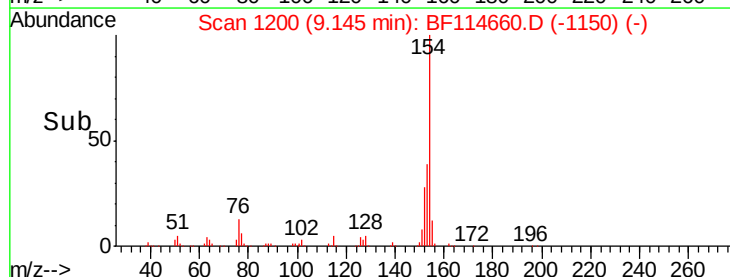
76 12.6 0.0 33.9

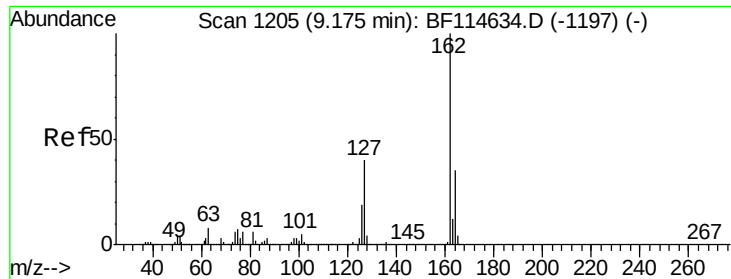


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

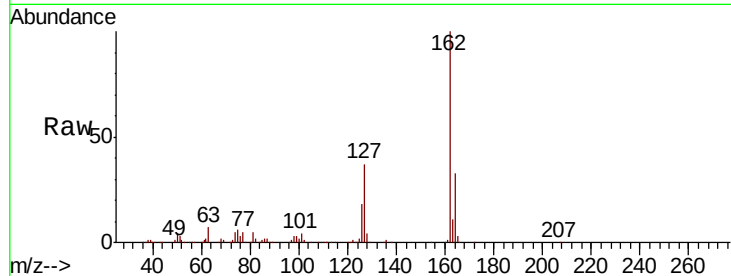




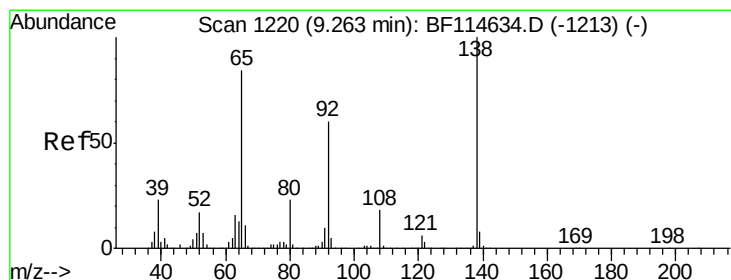
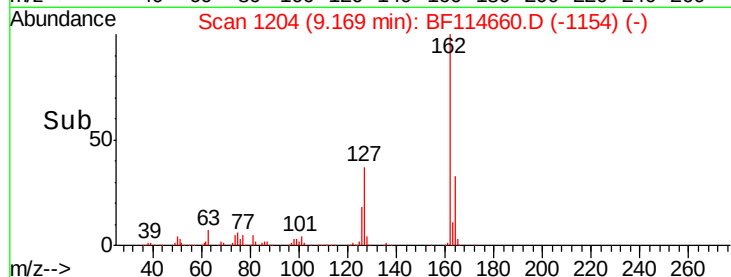
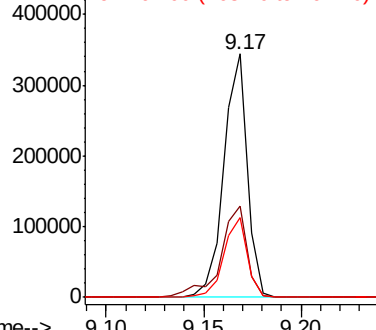
#47
2-Chloronaphthalene
Concen: 6.056 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:	162	Resp:	286310
Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.2	48.2
164	32.7	27.8	41.6

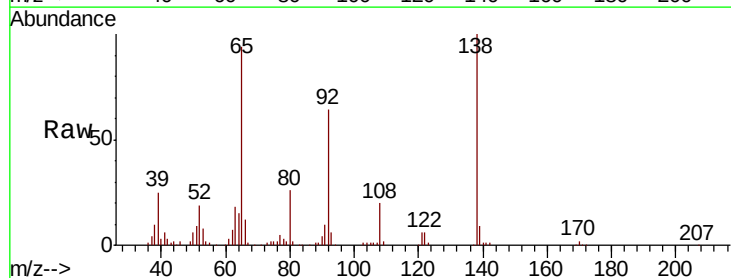


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

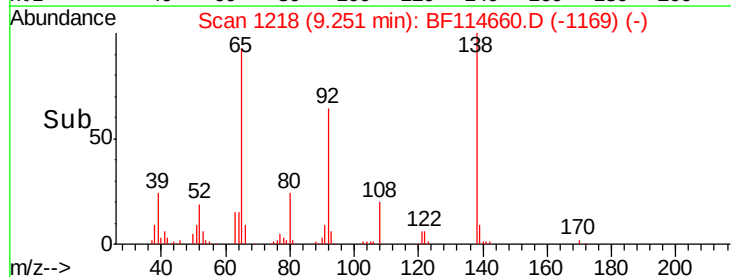
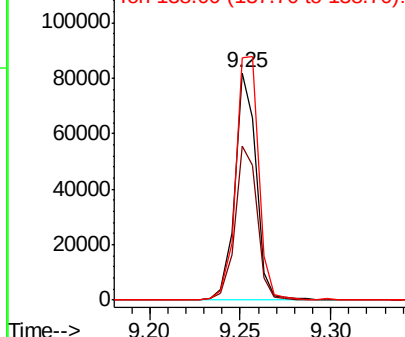


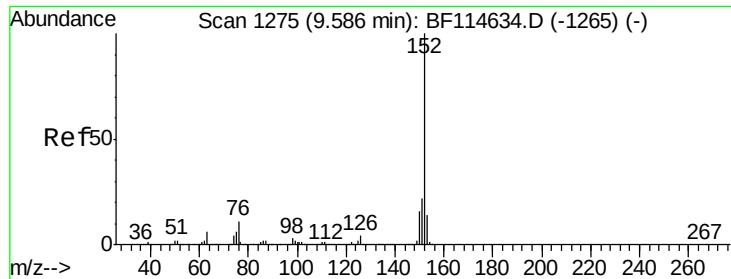
#48
2-Nitroaniline
Concen: 4.589 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:	65	Resp:	66954
Ion	Ratio	Lower	Upper
65	100		
92	67.9	57.1	85.7
138	106.7	95.8	143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

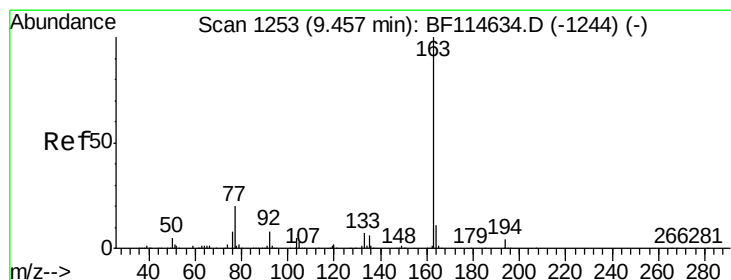
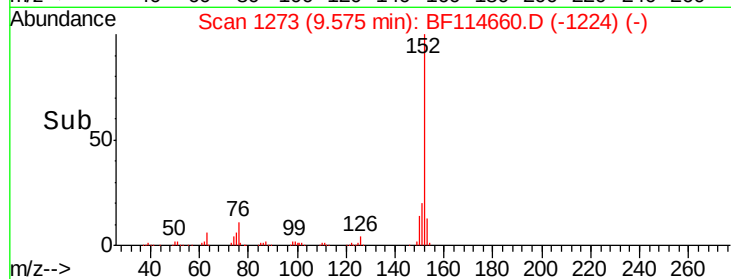
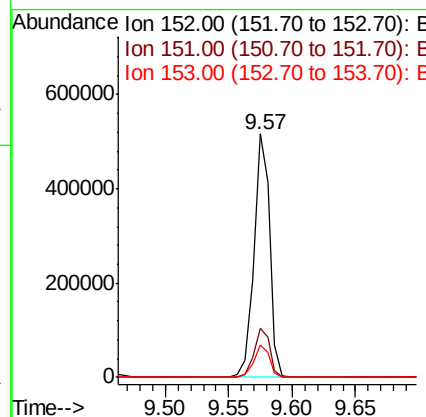
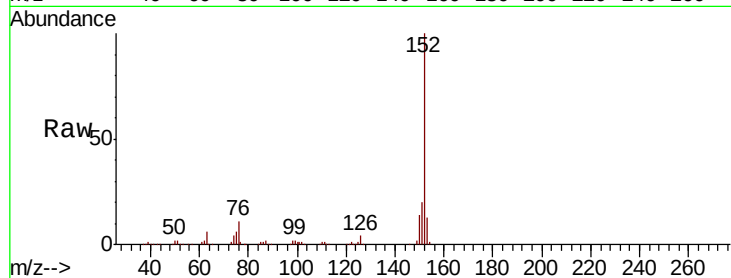




#49
Acenaphthylene
Concen: 6.092 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

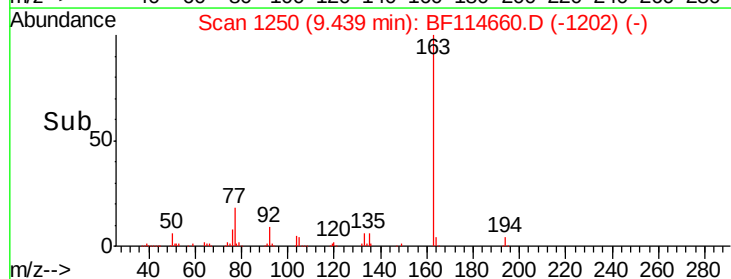
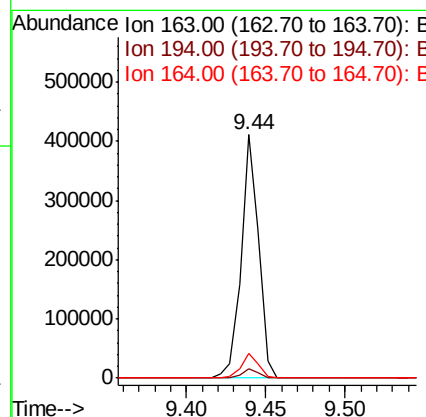
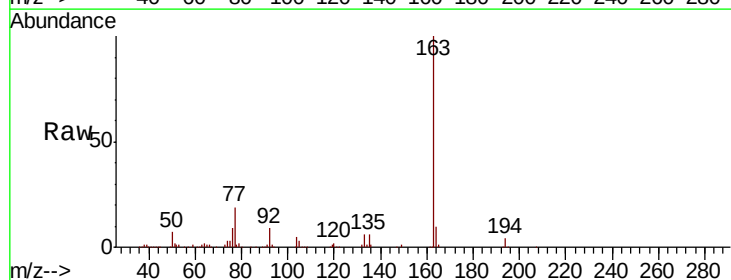
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

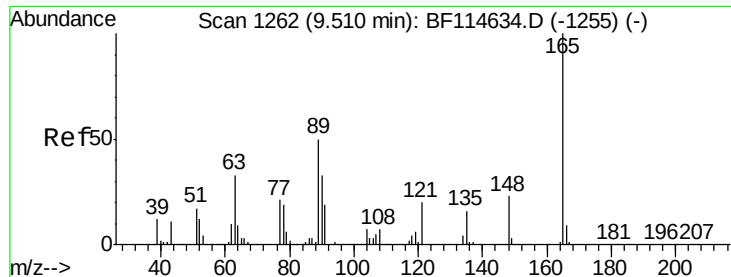
Tot Ion:152	Resp:	444927
Ion Ratio	Lower	Upper
152	100	
151	20.1	17.5 26.3
153	13.1	11.6 17.4



#50
Dimethylphthalate
Concen: 5.785 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:163	Resp:	312976
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.4 5.0
164	10.0	8.6 13.0

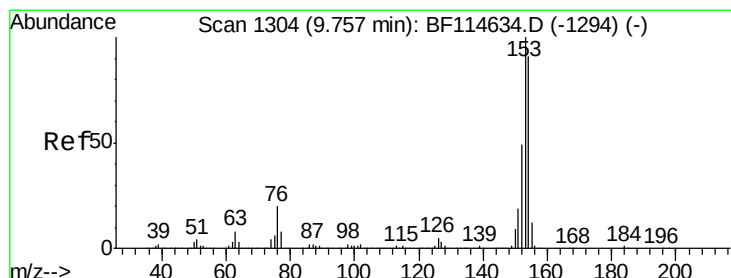
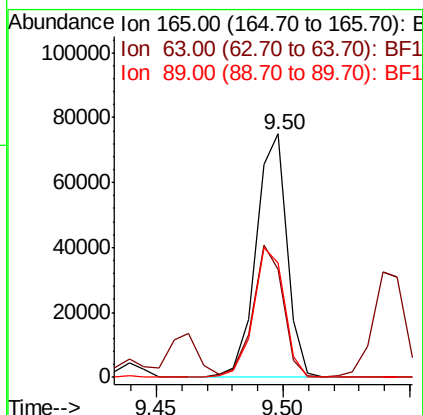
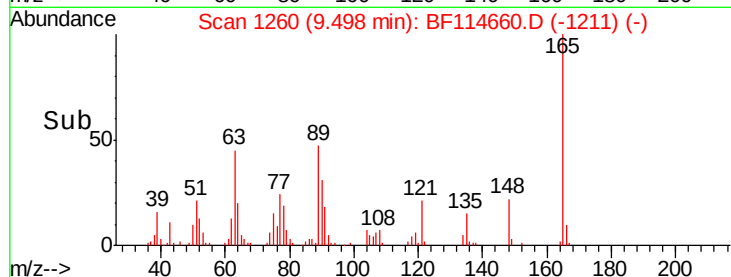
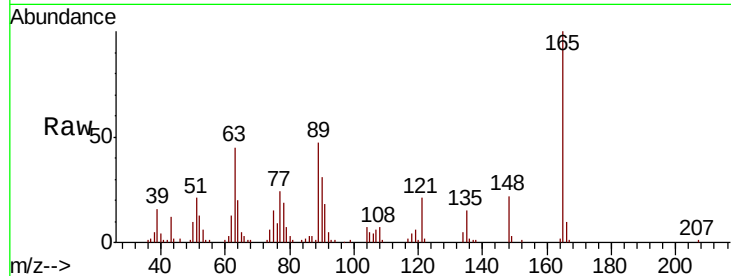




#51
2,6-Dinitrotoluene
Concen: 5.078 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

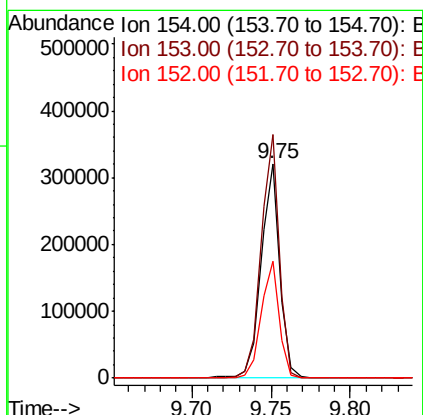
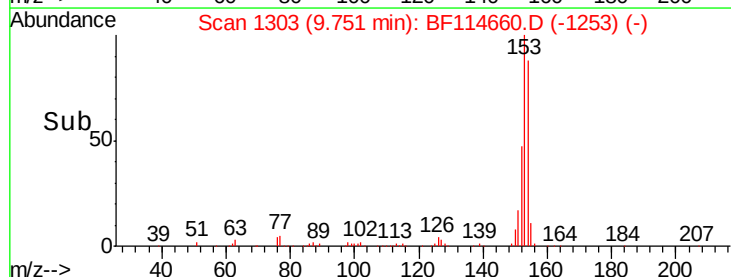
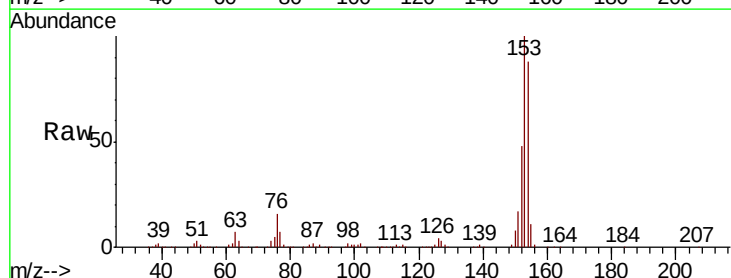
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

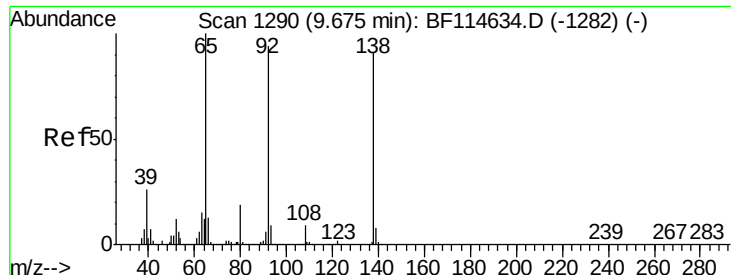
Tot Ion:165 Resp: 63831
Ion Ratio Lower Upper
165 100
63 44.6 36.6 54.8
89 47.2 40.2 60.4



#52
Acenaphthene
Concen: 5.918 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:154 Resp: 265098
Ion Ratio Lower Upper
154 100
153 113.6 88.4 132.6
152 54.4 43.4 65.0

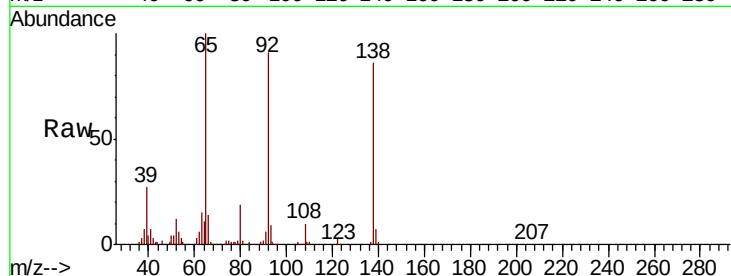




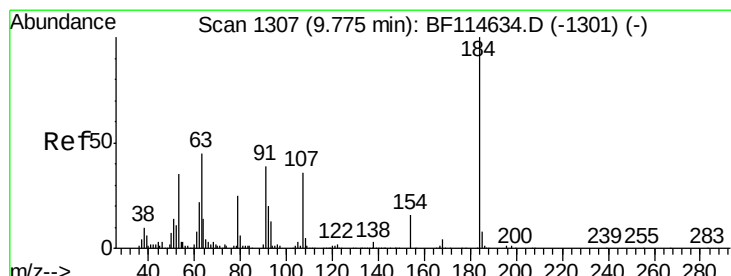
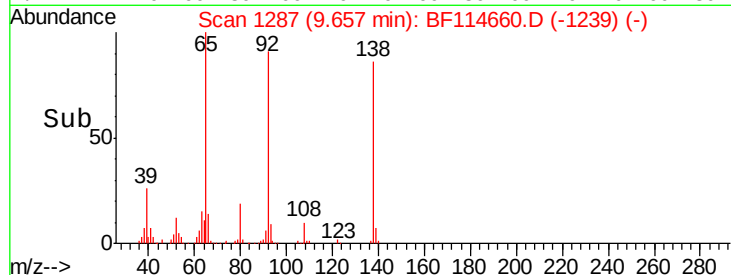
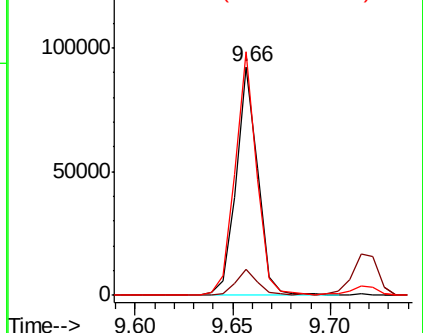
#53
 3-Nitroaniline
 Concen: 4.621 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion:138 Resp: 71102
 Ion Ratio Lower Upper
 138 100
 108 11.4 8.3 12.5
 92 106.5 83.1 124.7

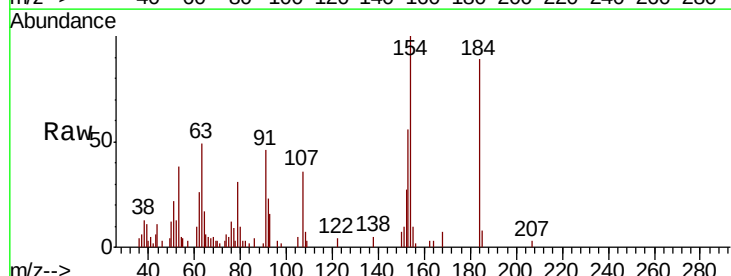


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

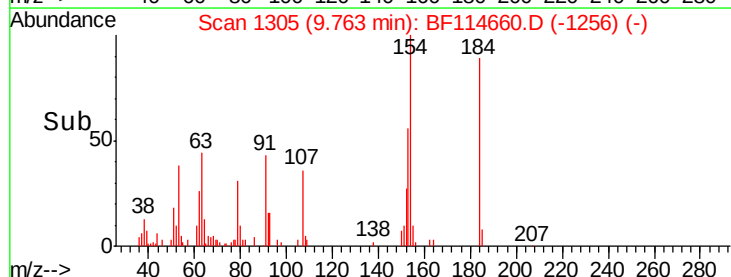
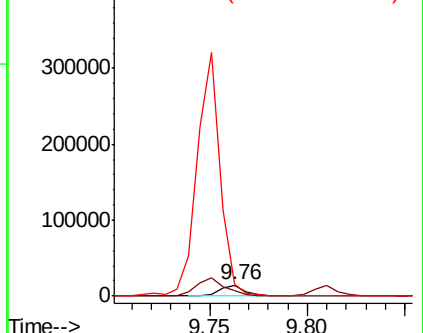


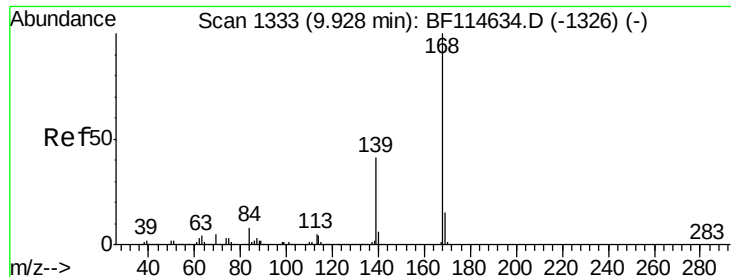
#54
 2,4-Dinitrophenol
 Concen: 2.469 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:184 Resp: 12242
 Ion Ratio Lower Upper
 184 100
 63 55.4 38.8 58.2
 154 112.6 43.7 65.5#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

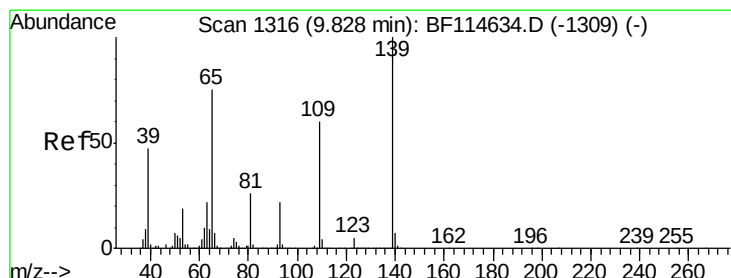
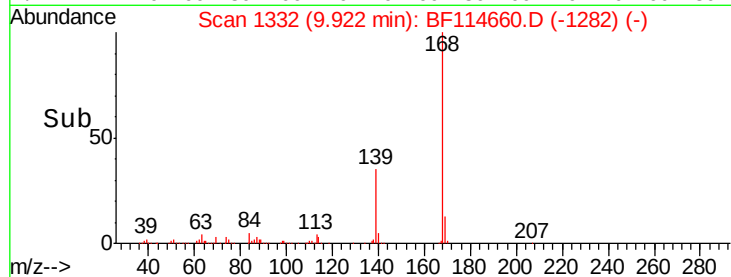
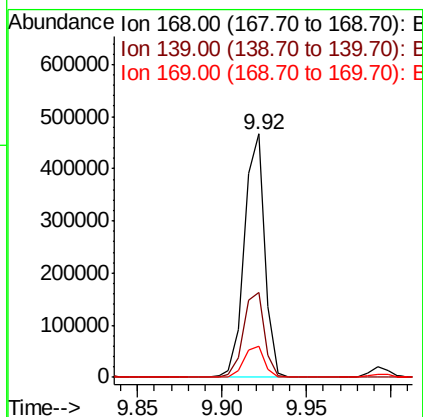
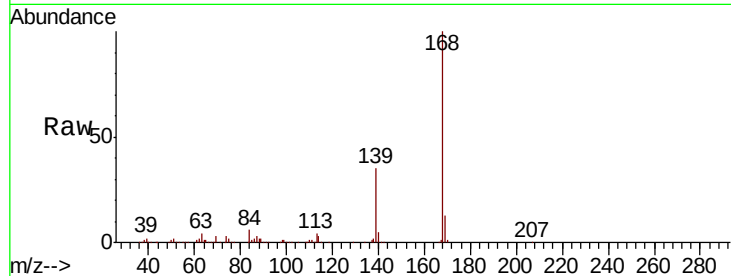




#55
Dibenzofuran
Concen: 6.173 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

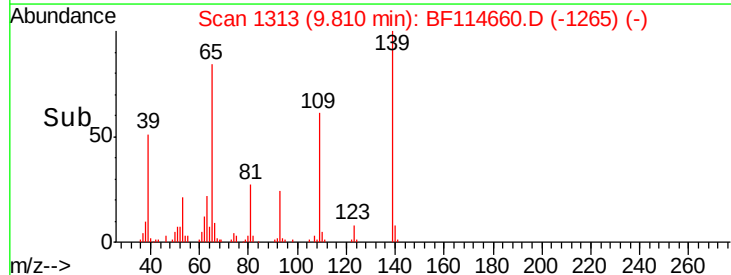
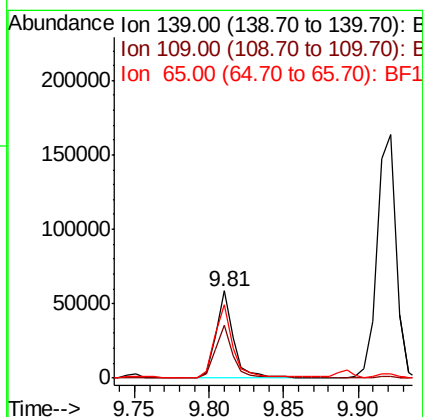
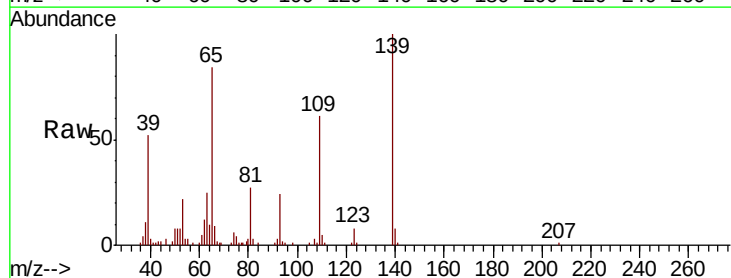
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

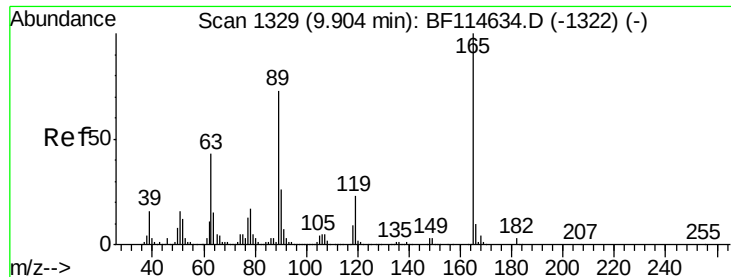
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	32.6	48.8
169	12.9	11.8	17.8



#56
4-Nitrophenol
Concen: 4.257 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	40.4	80.4
65	84.4	54.7	94.7

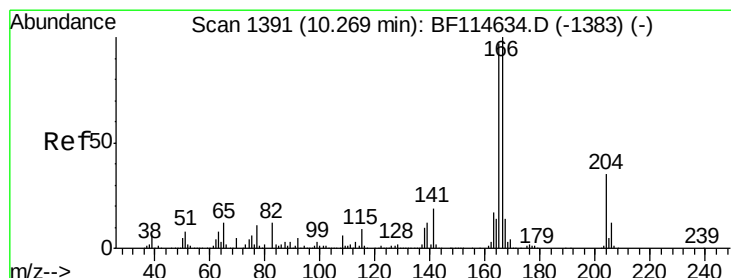
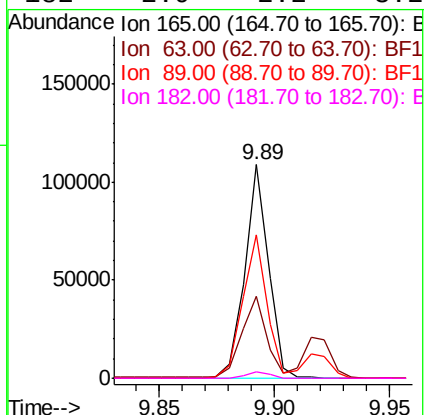
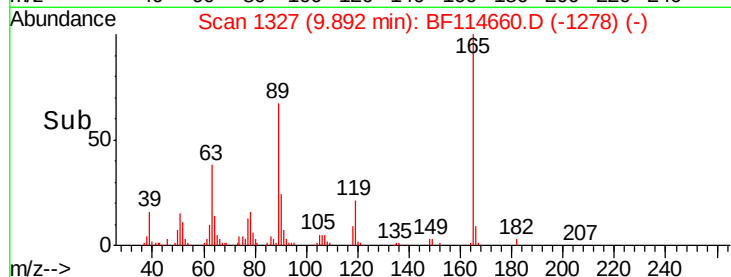
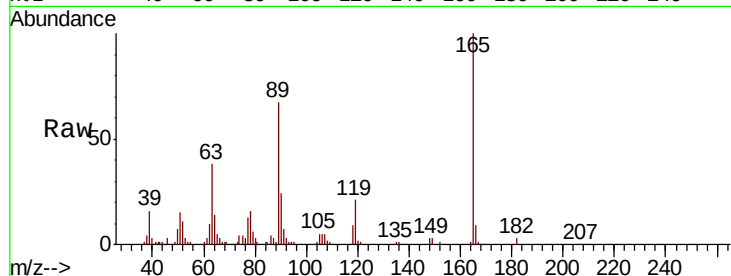




#57
2,4-Dinitrotoluene
Concen: 4.859 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

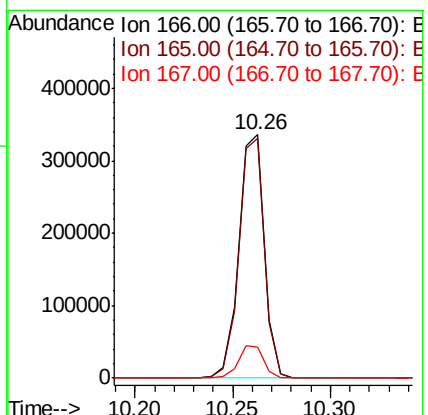
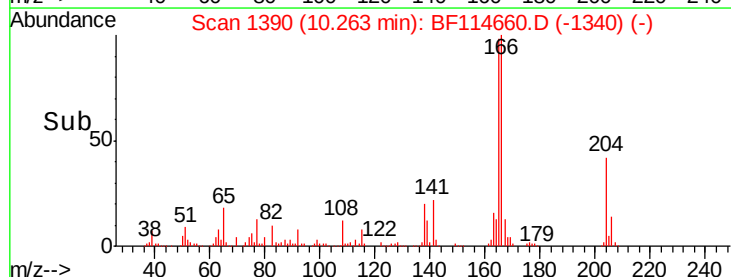
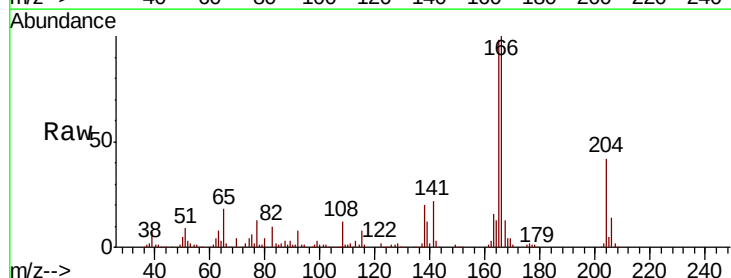
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

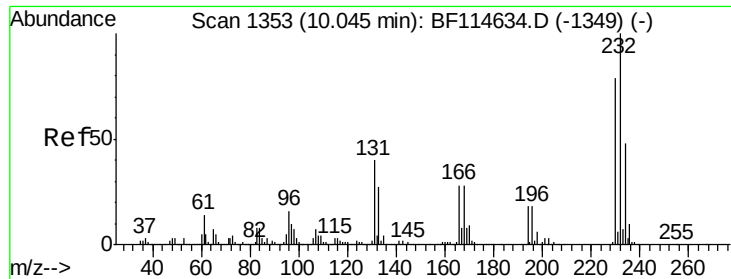
Tot Ion:165	Resp:	78399
Ion	Ratio	Lower Upper
165	100	
63	38.5	34.8 52.2
89	67.4	58.5 87.7
182	2.9	2.2 3.2



#58
Fluorene
Concen: 7.037 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:166	Resp:	302929
Ion	Ratio	Lower Upper
166	100	
165	98.4	77.6 116.4
167	12.5	11.2 16.8

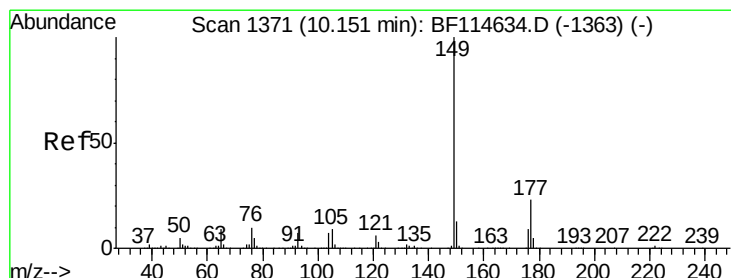
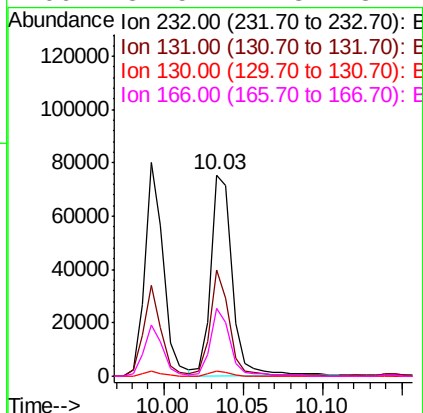
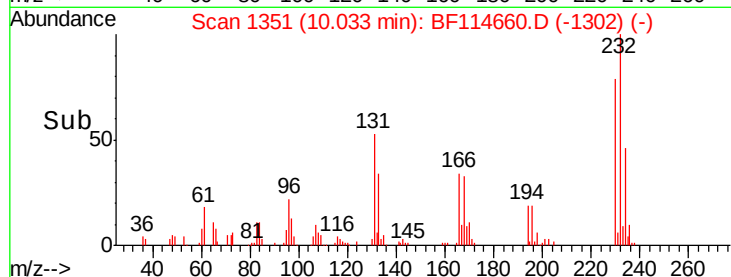
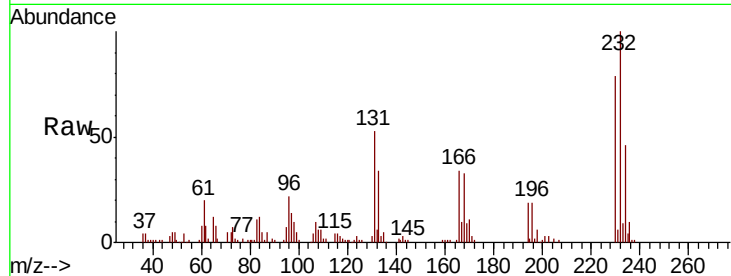




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.410 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

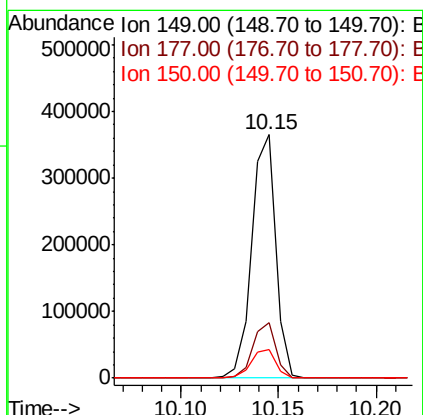
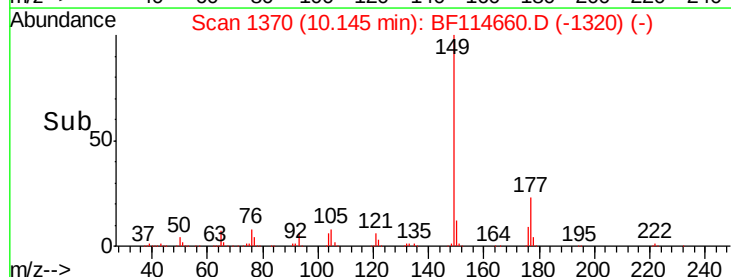
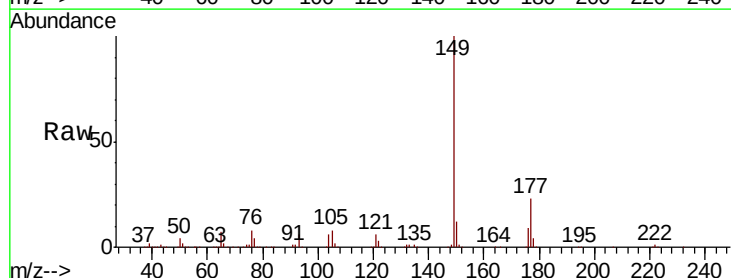
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

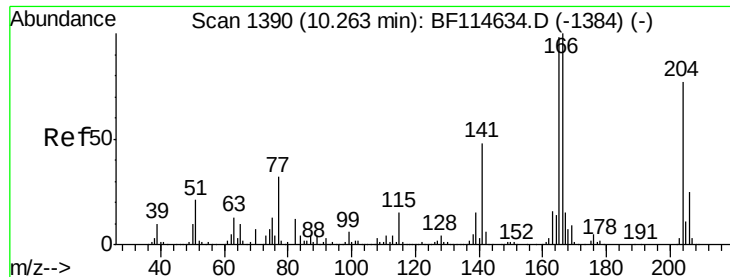
Tot Ion:232 Resp: 71885
Ion Ratio Lower Upper
232 100
131 48.2 37.2 55.8
130 2.3 1.8 2.8
166 31.5 24.8 37.2



#60
Diethylphthalate
Concen: 5.644 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:149 Resp: 311845
Ion Ratio Lower Upper
149 100
177 22.8 18.6 28.0
150 11.7 10.6 15.8

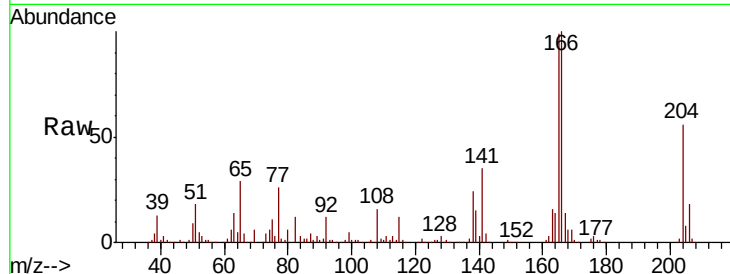




#61
 4-Chlorophenyl-phenylether
 Concen: 6.816 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.4	39.6
141	63.1	50.0	75.0

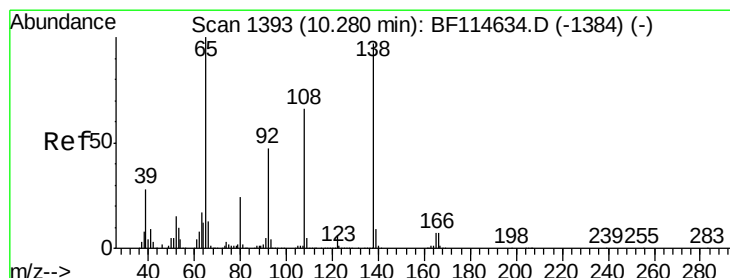
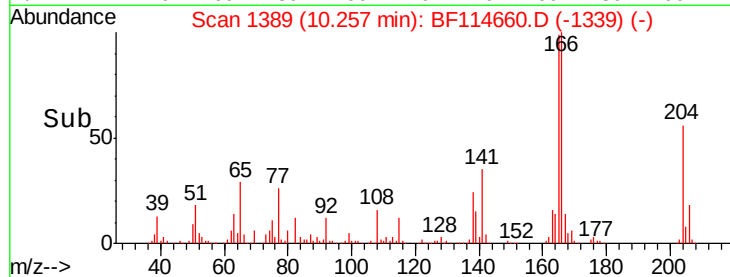
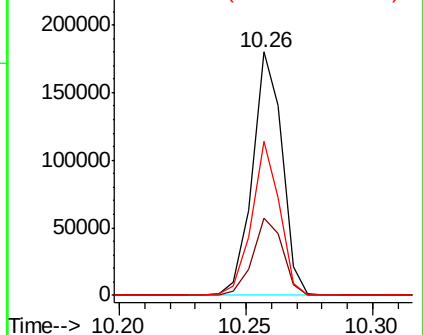


Abundance

Ion 204.00 (203.70 to 204.70): E

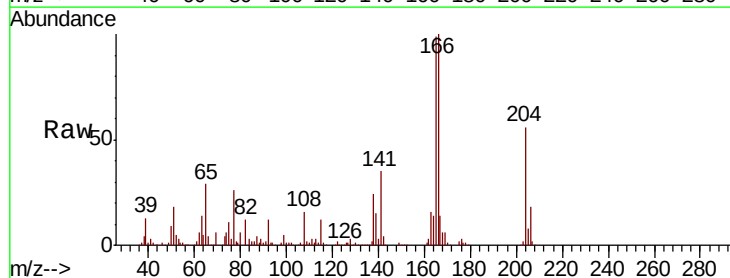
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 4.502 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	28.0	68.0
108	67.8	48.4	88.4

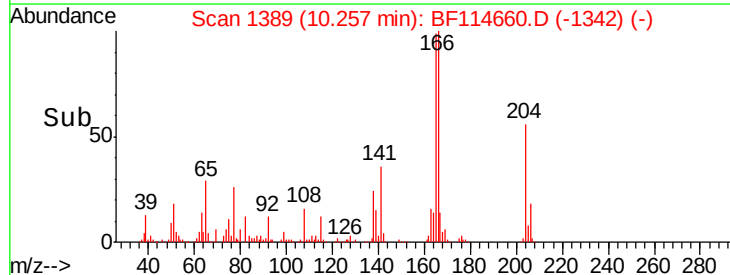
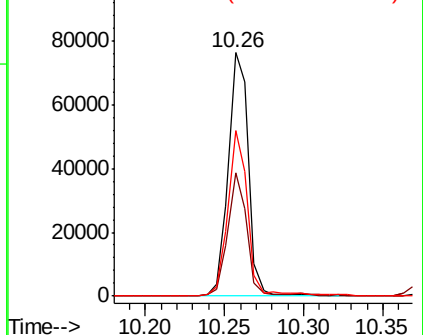


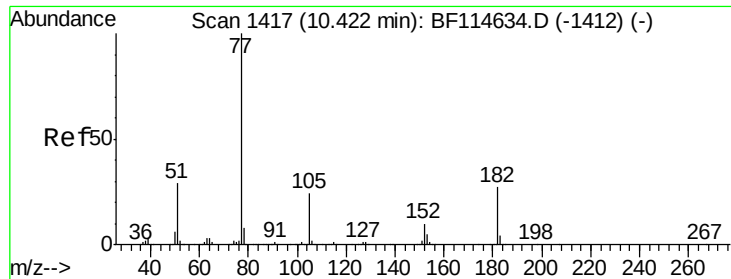
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 5.693 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 77 Resp: 288801

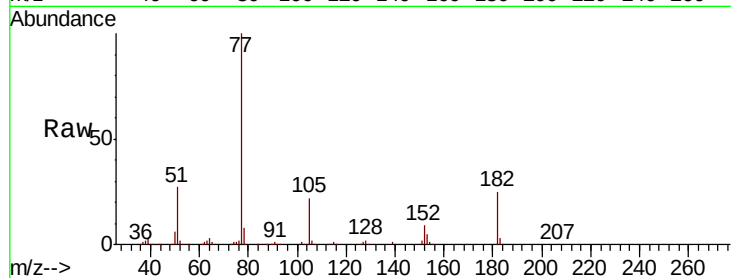
Ion Ratio Lower Upper

77 100

182 24.7 7.0 47.0

105 22.5 3.7 43.7

51 27.0 9.1 49.1

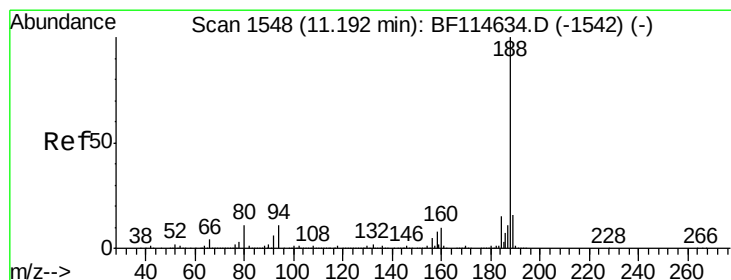
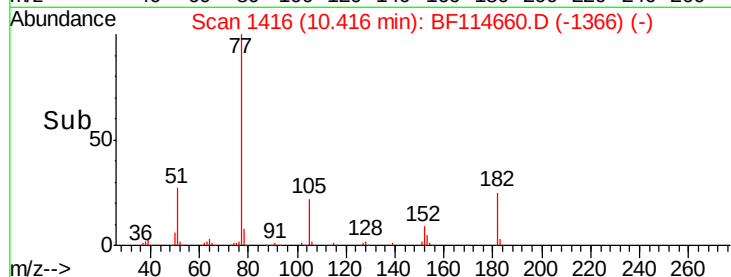
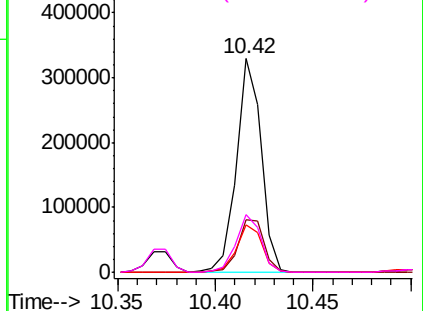


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

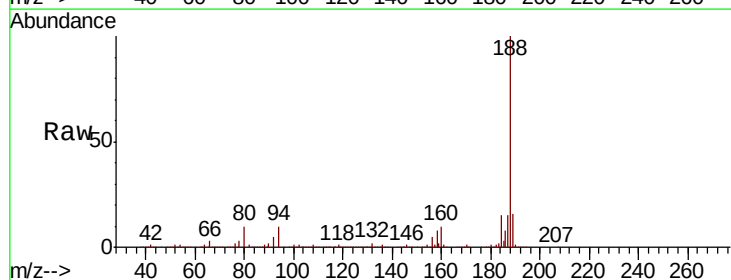
Tgt Ion: 188 Resp: 1475869

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

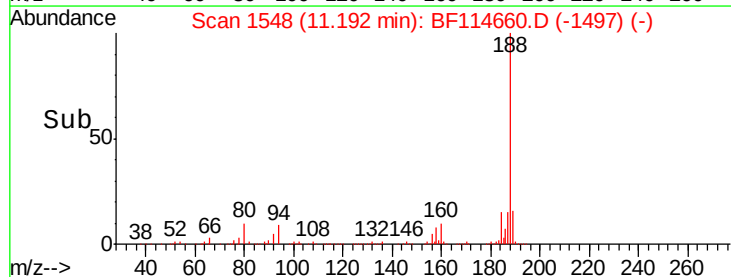
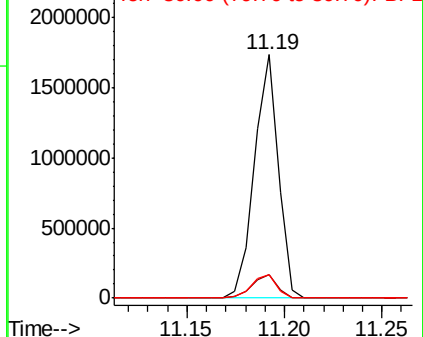
80 9.8 9.0 13.6

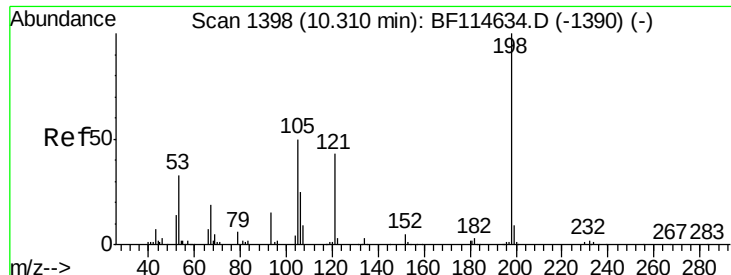


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.308 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

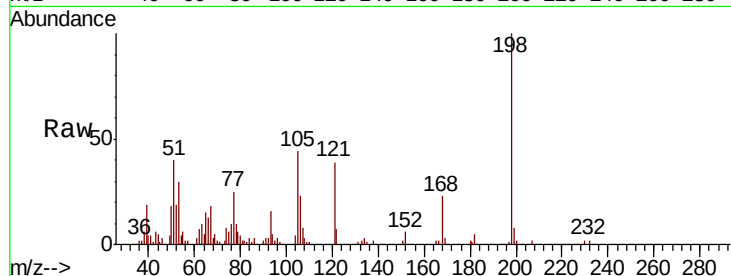
Tot Ion:198 Resp: 21650

Ion Ratio Lower Upper

198 100

51 40.0 29.0 69.0

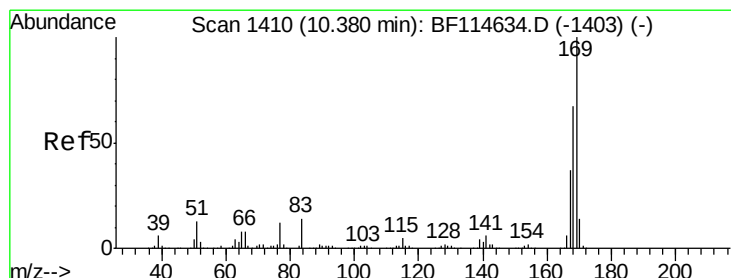
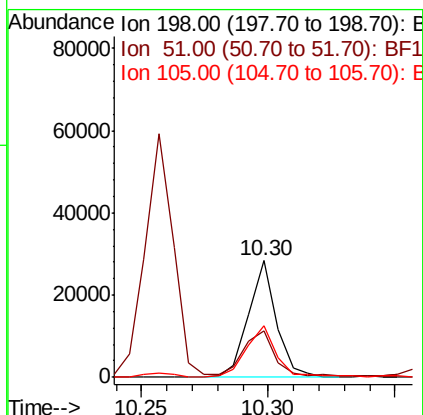
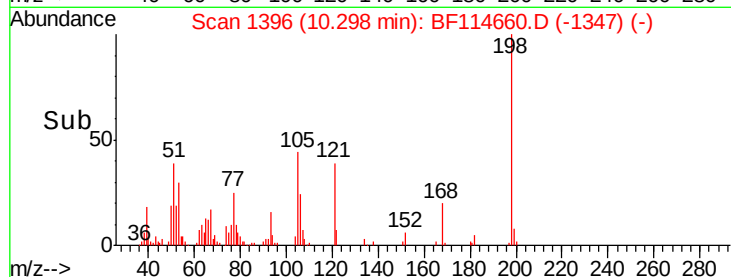
105 44.5 30.4 70.4



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: 6.021 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

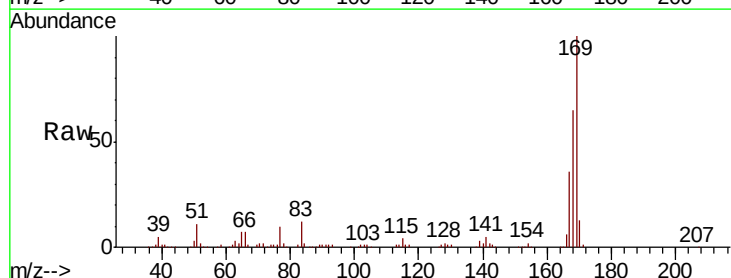
Tgt Ion:169 Resp: 262532

Ion Ratio Lower Upper

169 100

168 65.3 53.8 80.8

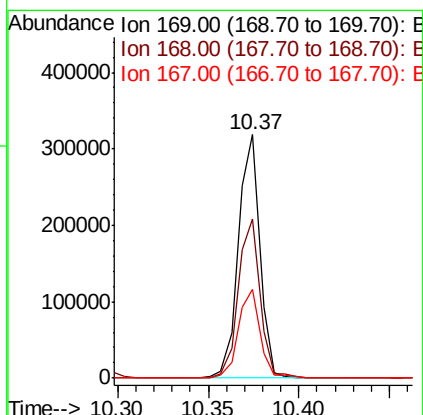
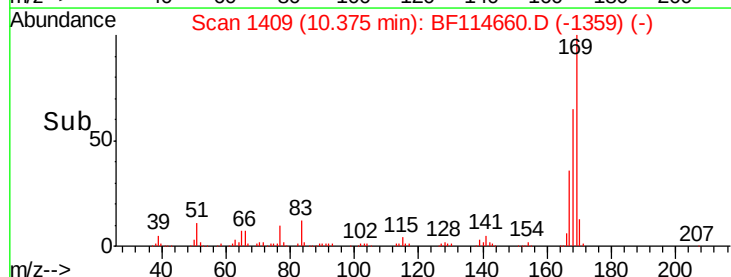
167 36.5 29.8 44.6

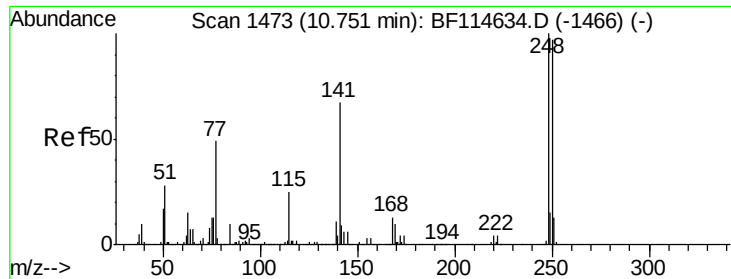


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

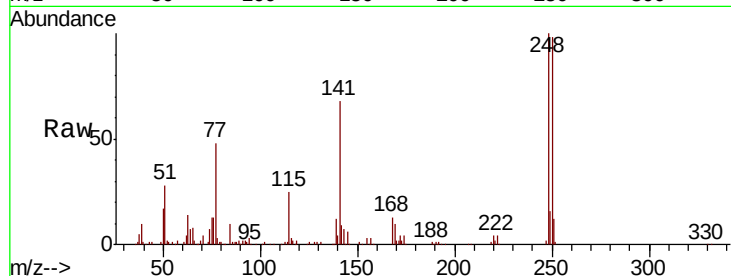




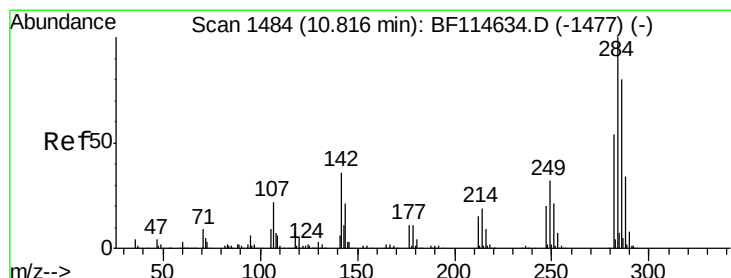
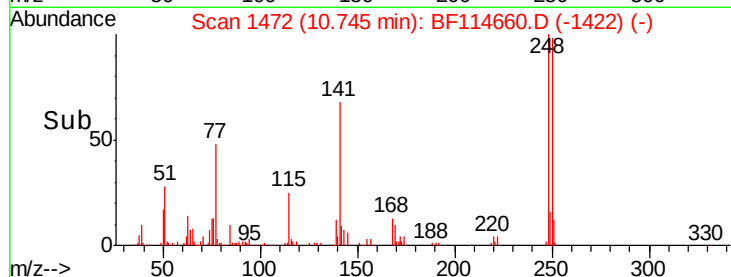
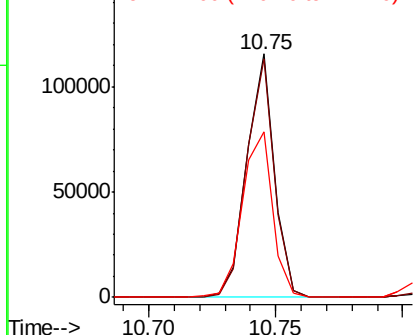
#67
4-Bromophenyl-phenylether
Concen: 5.550 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:248 Resp: 87835
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 68.0 53.8 80.8

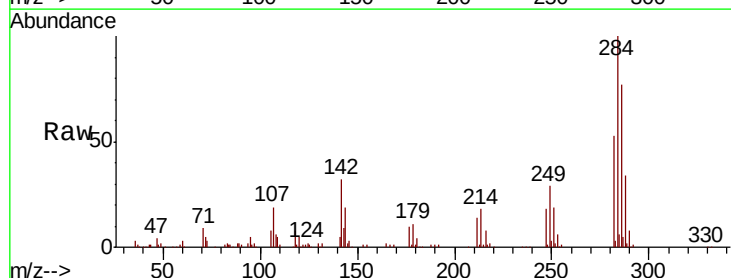


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

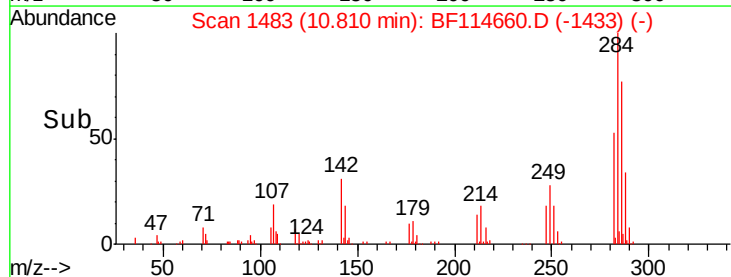
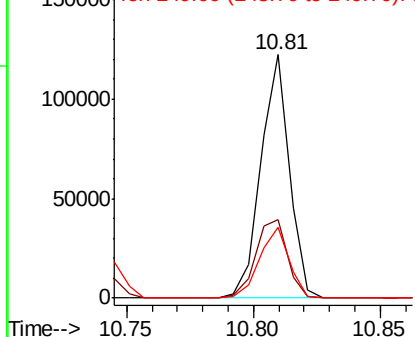


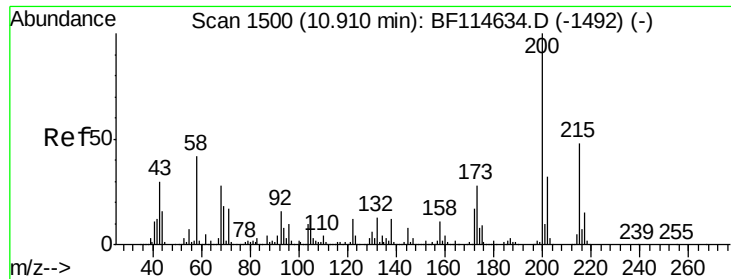
#68
Hexachlorobenzene
Concen: 5.616 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:284 Resp: 96276
Ion Ratio Lower Upper
284 100
142 32.3 28.9 43.3
249 28.9 25.8 38.6



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





#69

Atrazine

Concen: 5.528 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

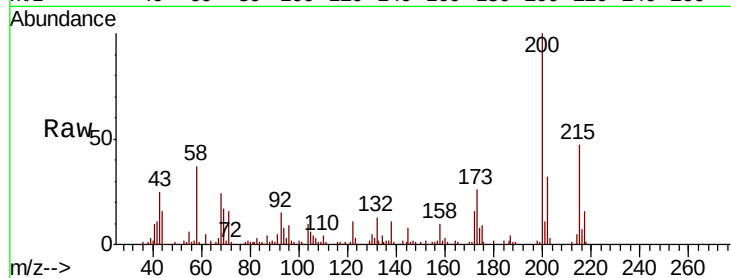
Tot Ion:200 Resp: 75949

Ion Ratio Lower Upper

200 100

173 26.1 7.9 47.9

215 47.4 27.8 67.8

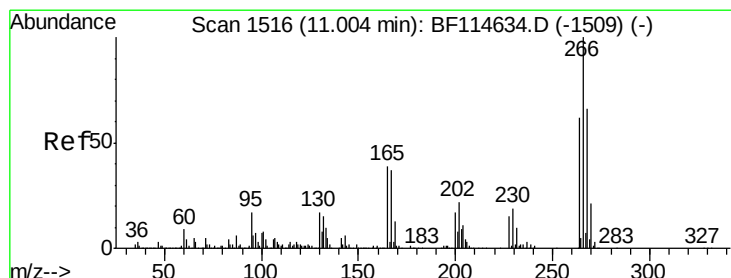
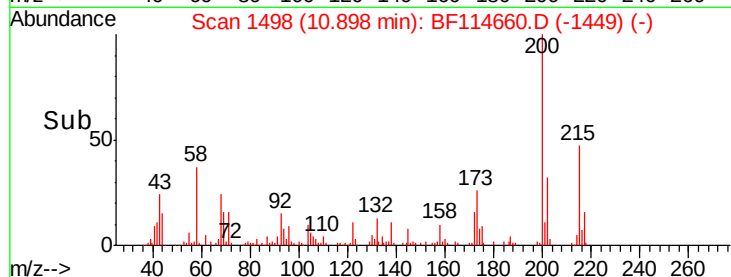
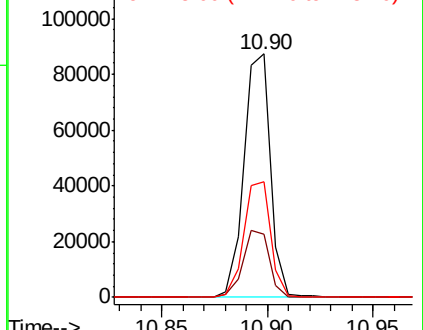


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 4.350 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

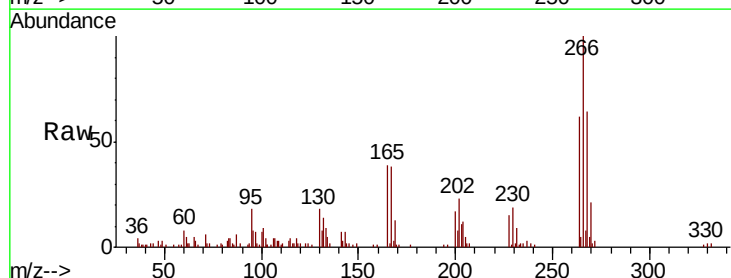
Tgt Ion:266 Resp: 42988

Ion Ratio Lower Upper

266 100

268 64.3 52.8 79.2

264 62.5 49.9 74.9

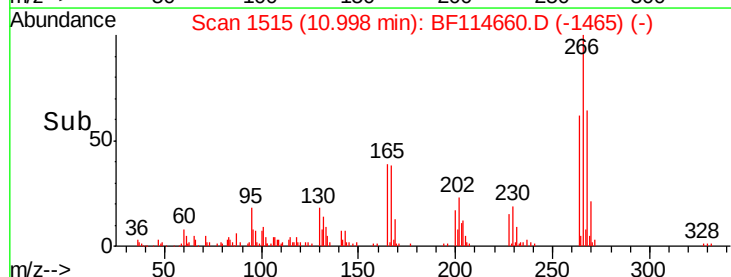
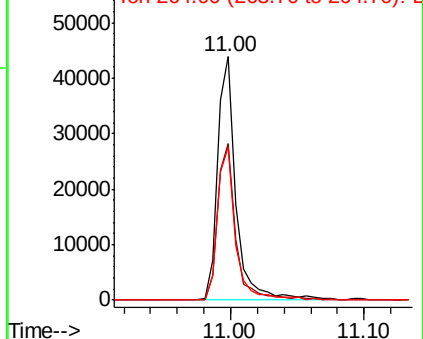


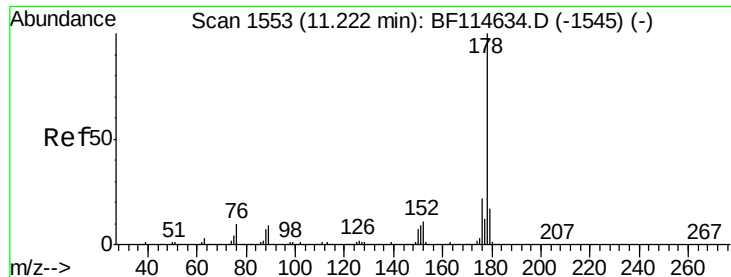
Abundance

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

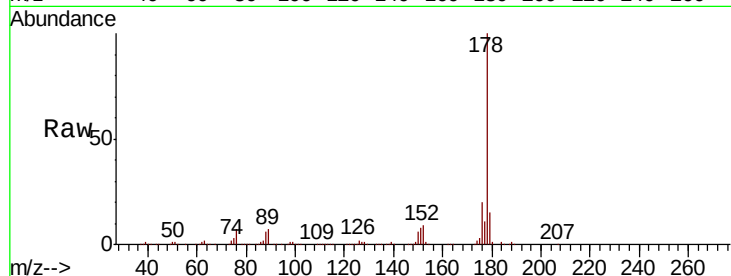




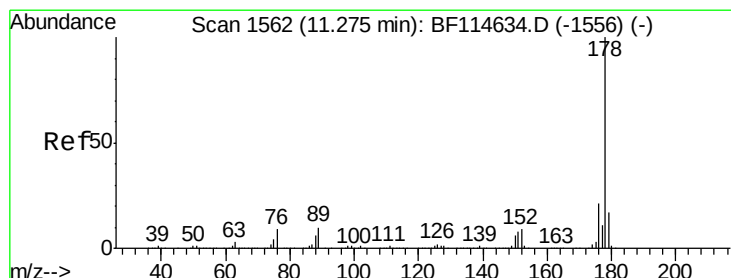
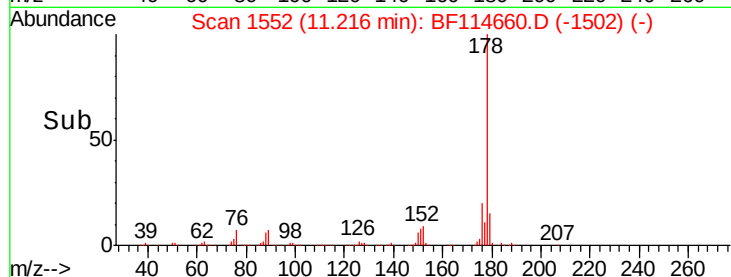
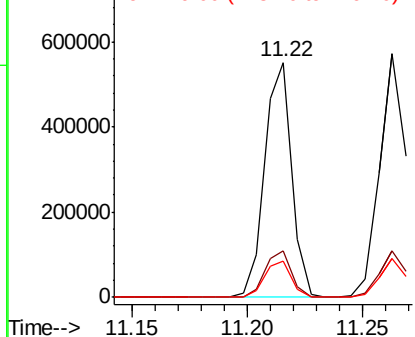
#71
Phenanthrene
Concen: 5.981 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:178 Resp: 450260
Ion Ratio Lower Upper
178 100
176 19.9 17.2 25.8
179 15.2 13.9 20.9

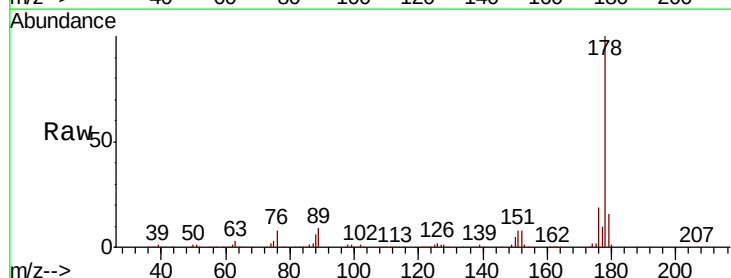


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

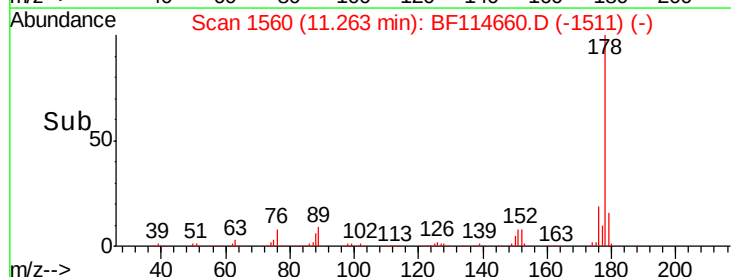
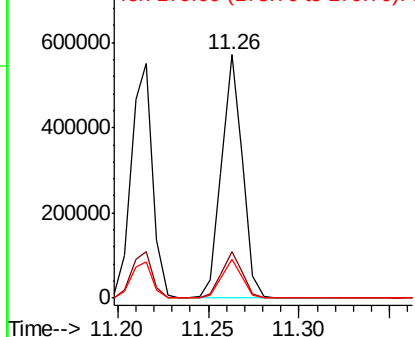


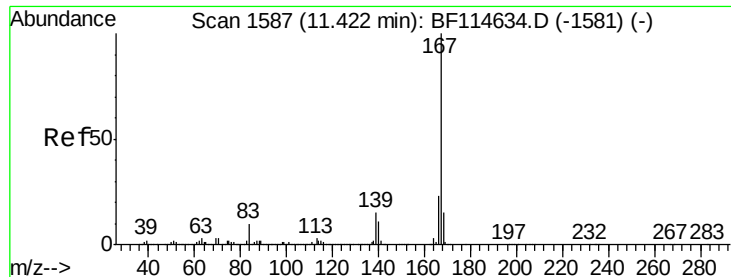
#72
Anthracene
Concen: 6.038 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:178 Resp: 460042
Ion Ratio Lower Upper
178 100
176 19.3 16.6 24.8
179 15.8 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

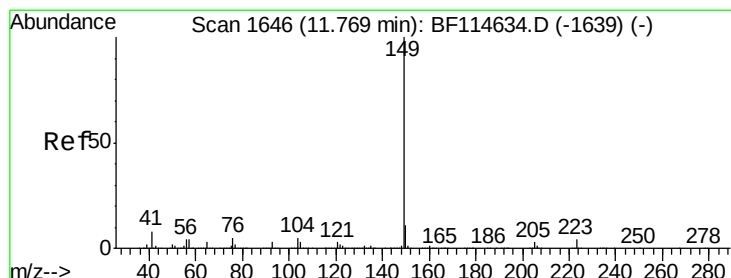
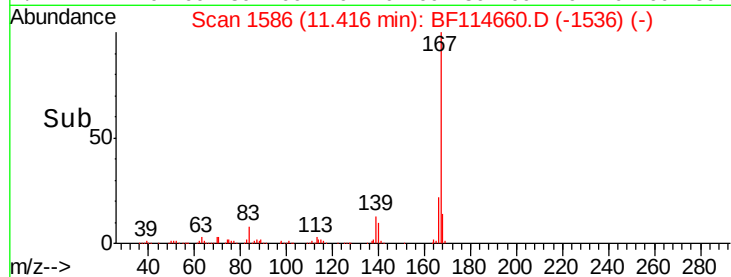
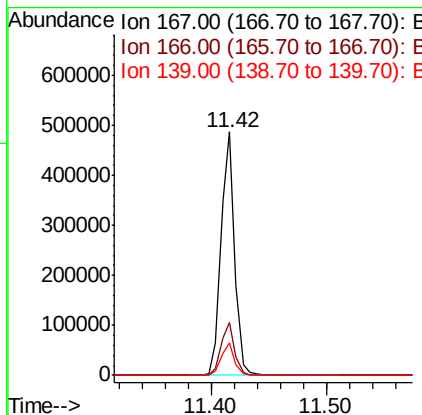
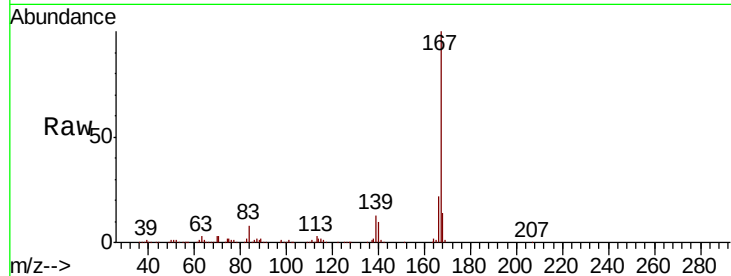




#73
 Carbazole
 Concen: 5.929 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

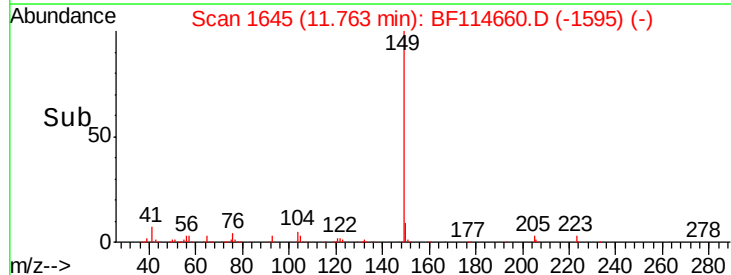
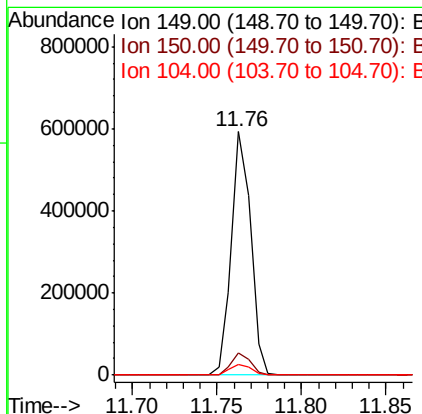
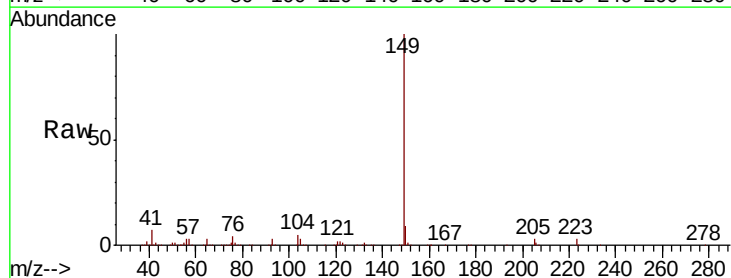
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

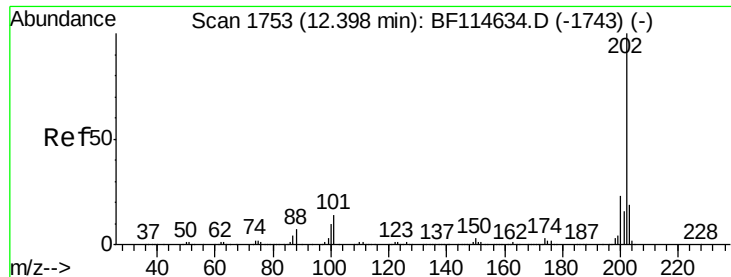
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.7	28.1
139	13.1	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 5.789 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.6	12.8
104	4.6	4.3	6.5





#75

Fluoranthene

Concen: 5.743 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

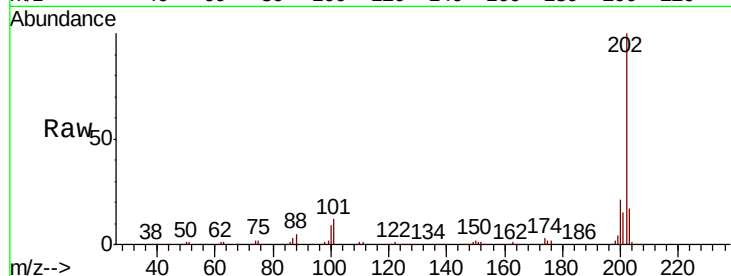
Tot Ion:202 Resp: 447723

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.9

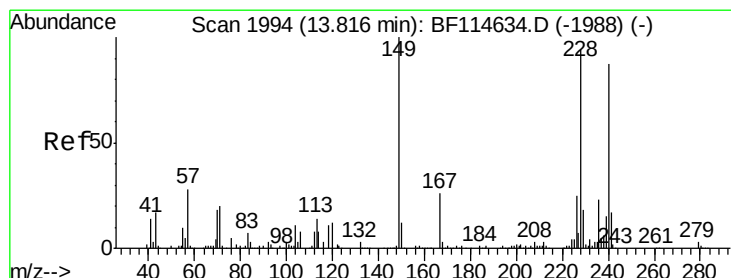
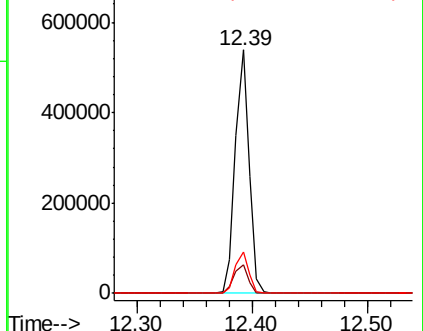
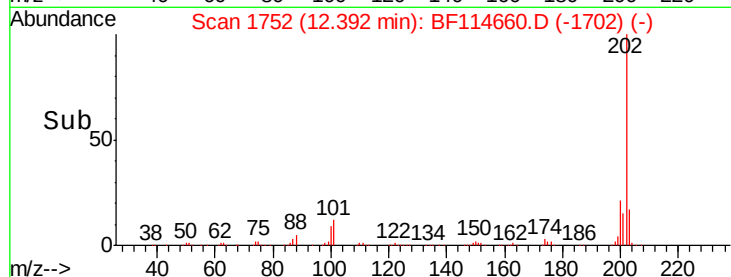
203 17.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

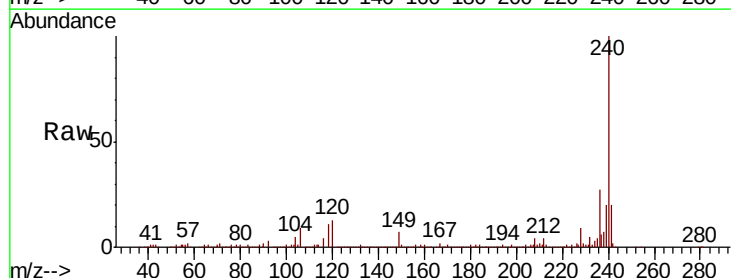
Tgt Ion:240 Resp: 1108099

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

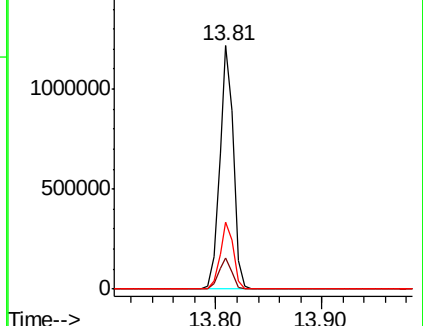
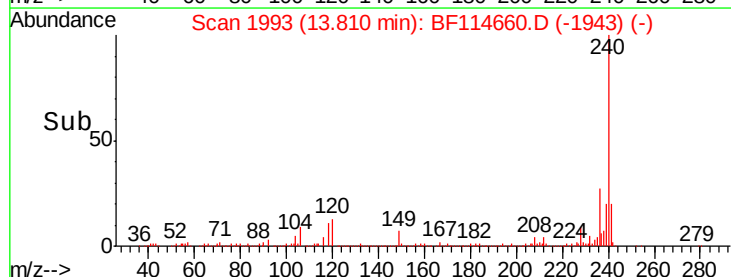
236 27.3 21.2 31.8

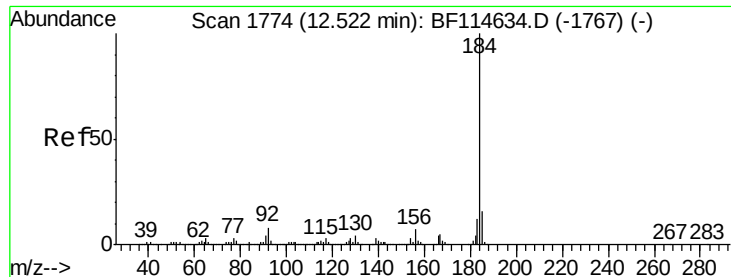


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.160 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

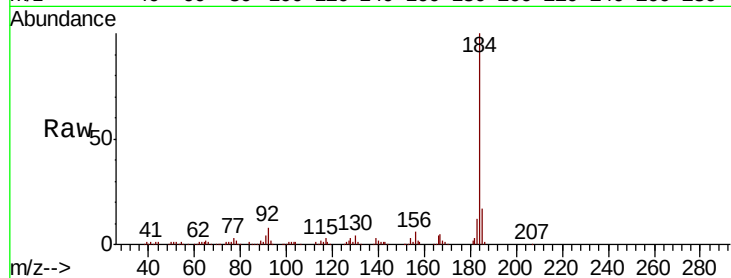
Tot Ion:184 Resp: 189820

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

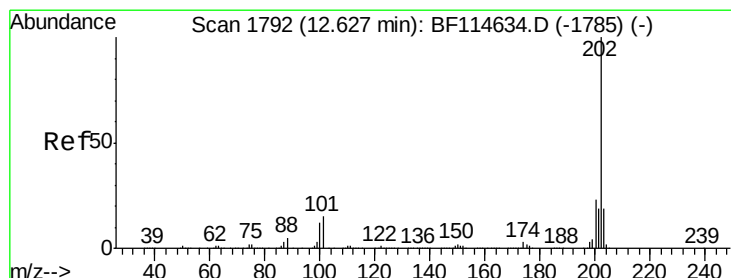
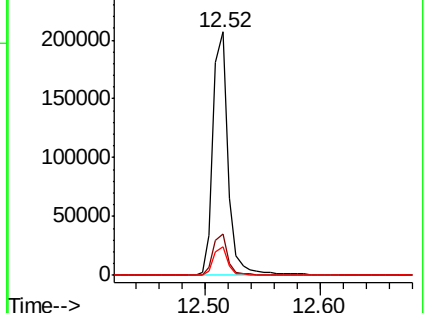
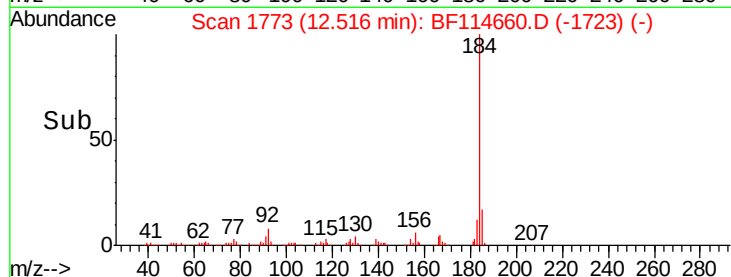
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.898 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

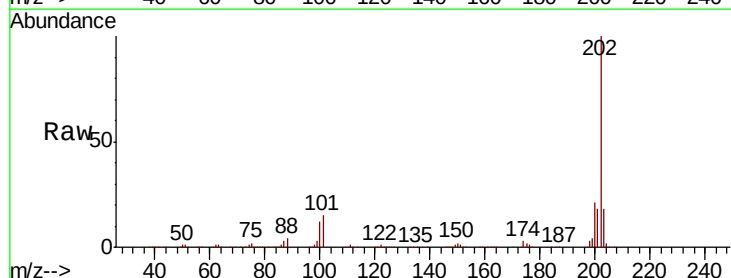
Tgt Ion:202 Resp: 459078

Ion Ratio Lower Upper

202 100

200 21.2 18.6 28.0

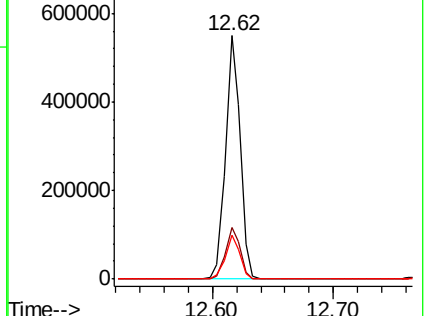
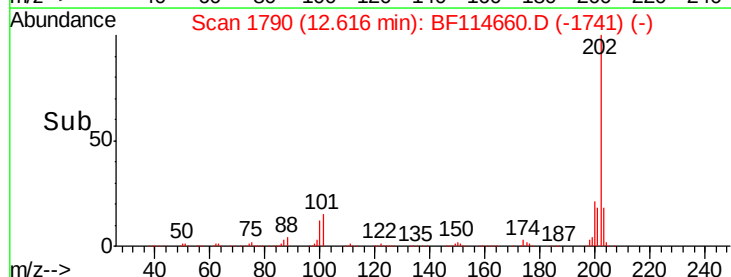
203 18.0 15.4 23.2

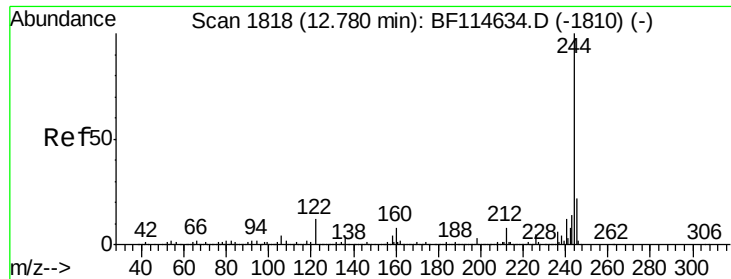


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.122 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

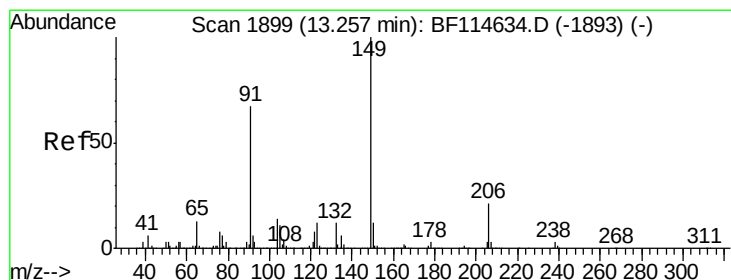
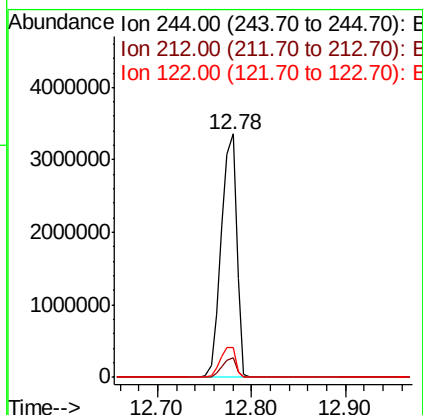
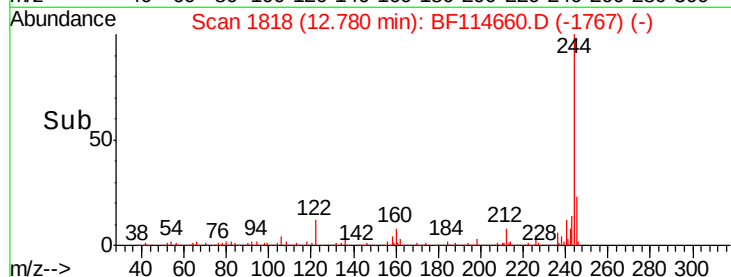
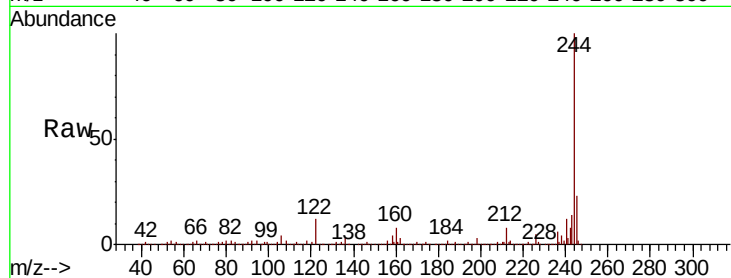
Tot Ion:244 Resp: 3896988

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 12.3 9.8 14.8



#80

Butylbenzylphthalate

Concen: 3.809 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

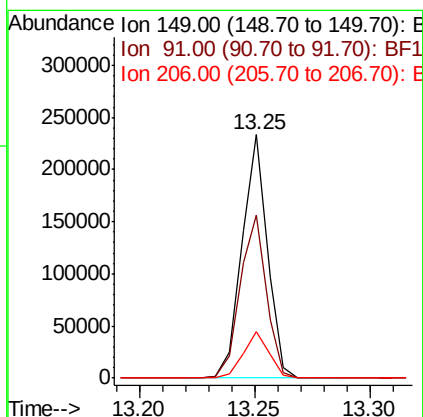
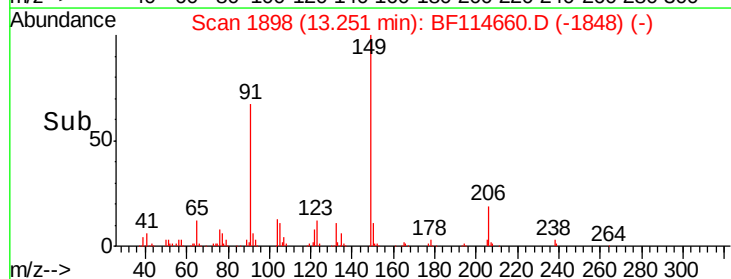
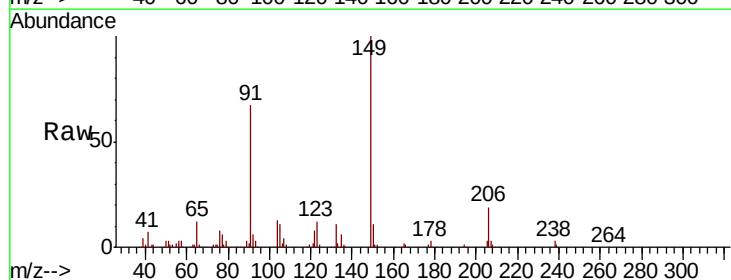
Tgt Ion:149 Resp: 179456

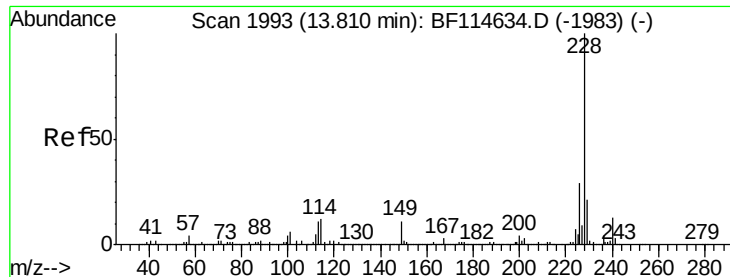
Ion Ratio Lower Upper

149 100

91 66.9 53.8 80.8

206 19.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 4.850 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

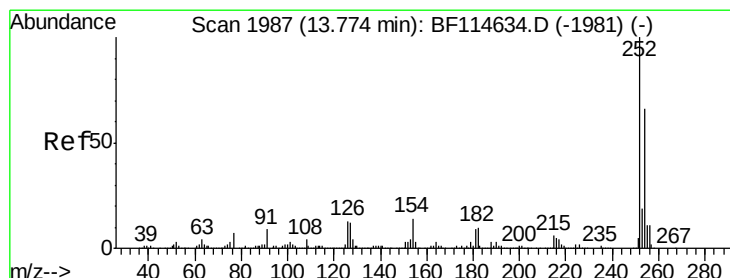
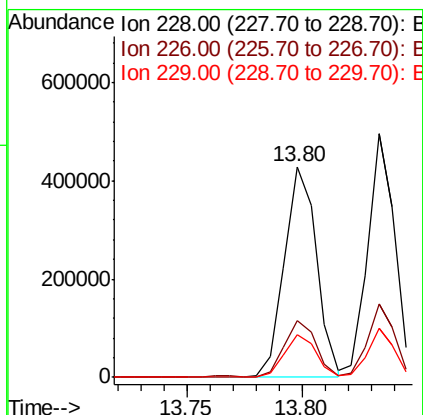
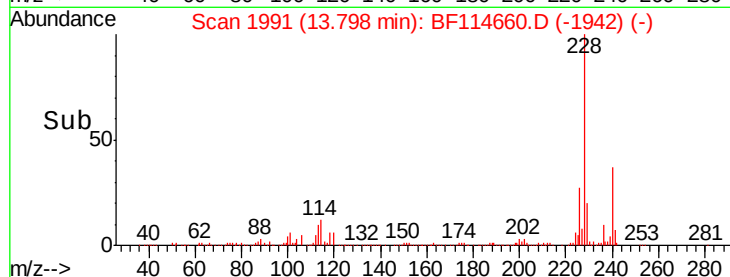
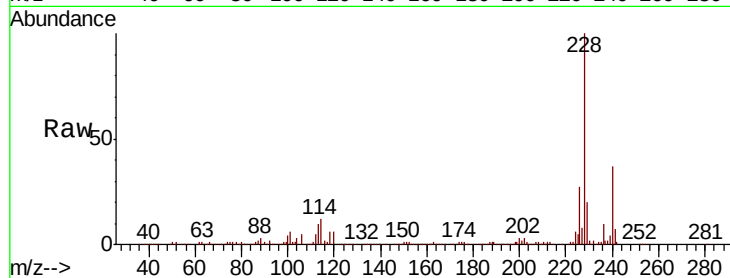
Tot Ion:228 Resp: 412966

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.6
229	20.0	17.0	25.4

228 100

226 26.7 23.0 34.6

229 20.0 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 4.294 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

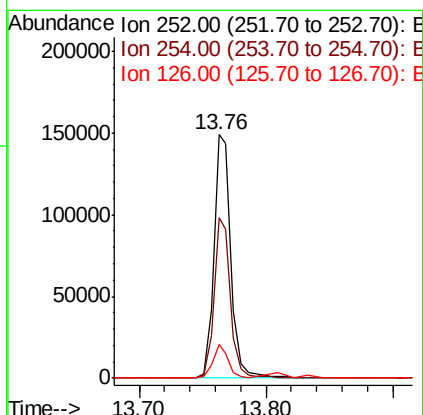
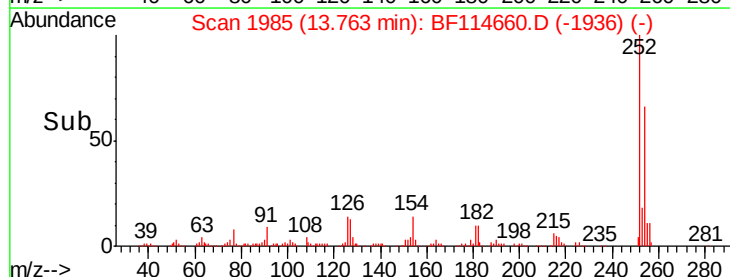
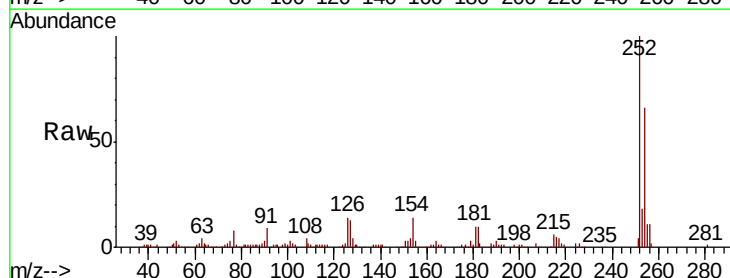
Tgt Ion:252 Resp: 141224

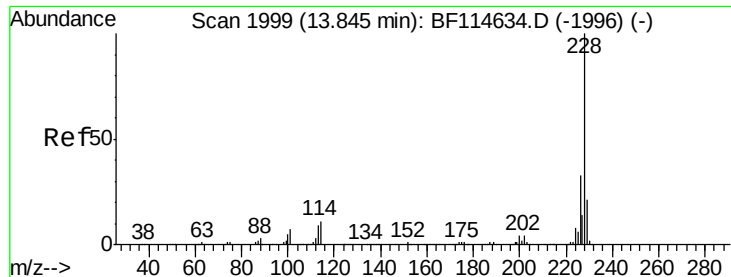
Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.1	79.7
126	13.7	10.2	15.2

252 100

254 65.9 53.1 79.7

126 13.7 10.2 15.2





#83

Chrysene

Concen: 4.971 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

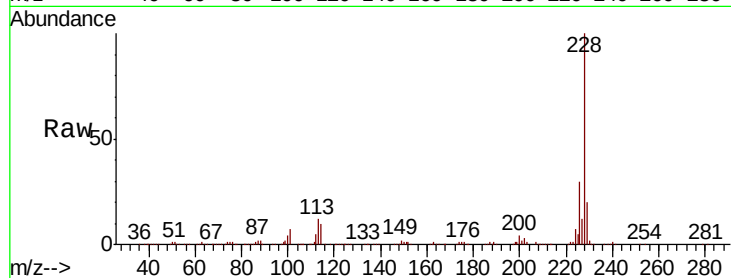
Tot Ion:228 Resp: 404429

Ion Ratio Lower Upper

228 100

226 30.0 26.4 39.6

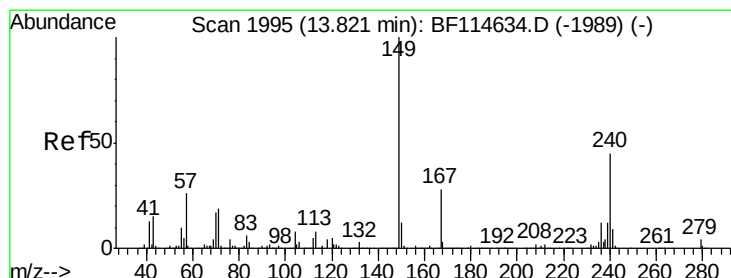
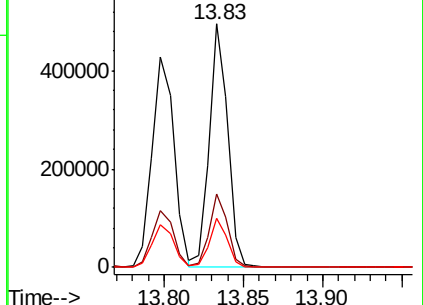
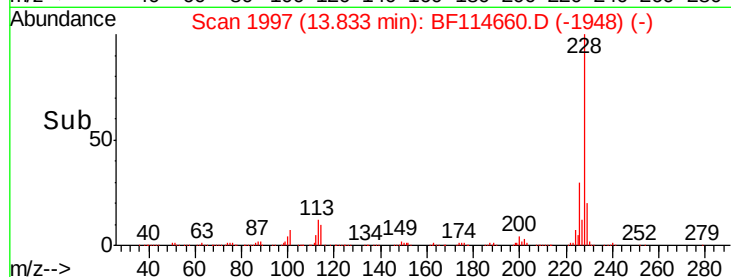
229 20.1 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.588 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

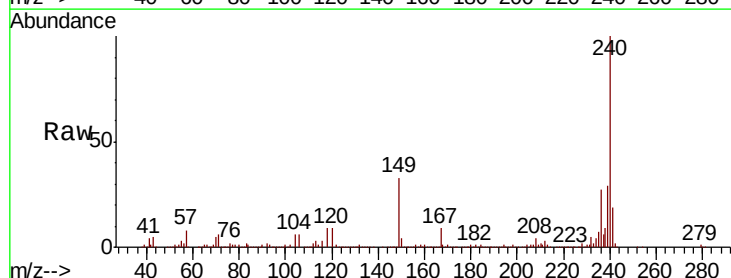
Tgt Ion:149 Resp: 267198

Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

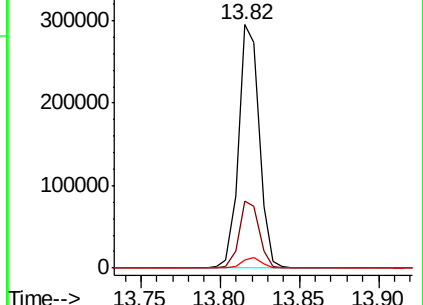
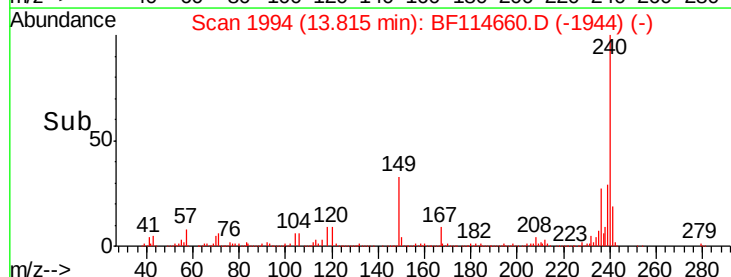
279 3.1 3.0 4.4

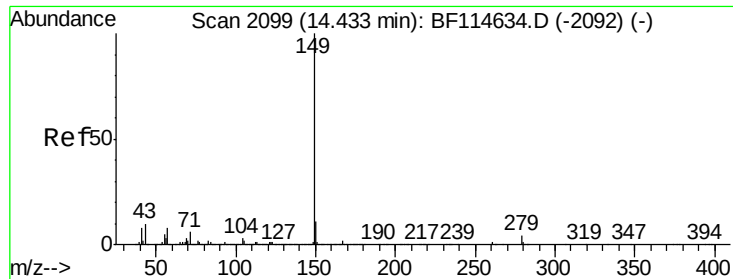


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.159 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

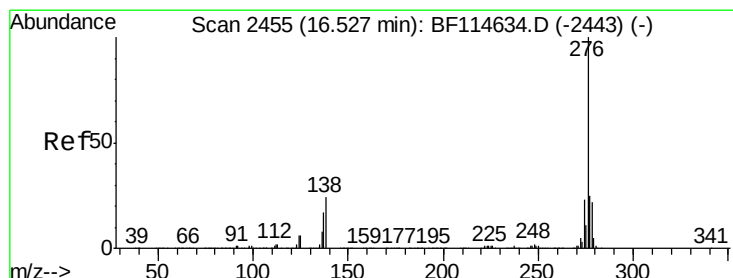
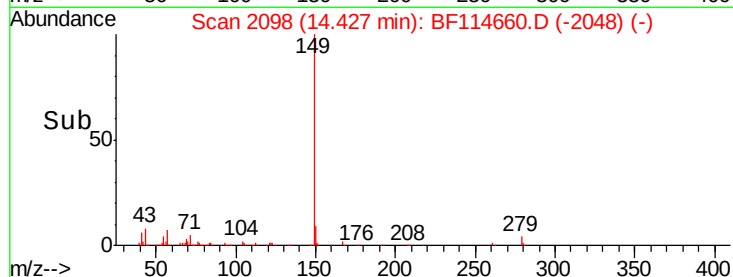
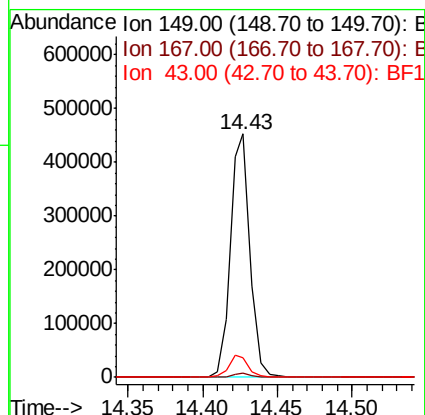
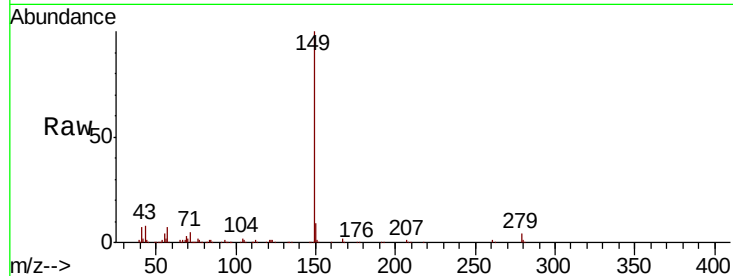
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:149	Resp:	420827
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.3 1.9
43	8.9	8.0 12.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.190 ng

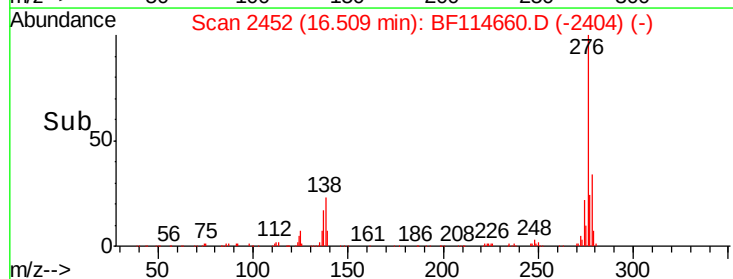
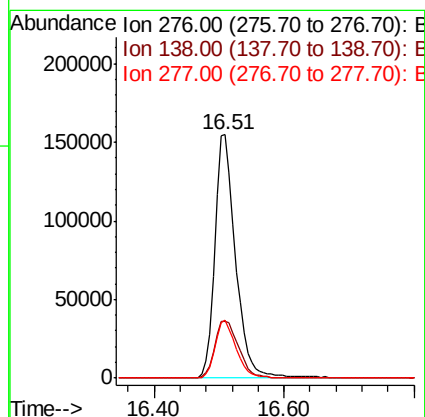
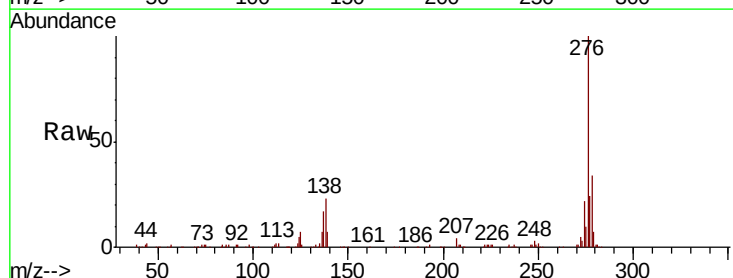
RT: 16.51 min Scan# 2452

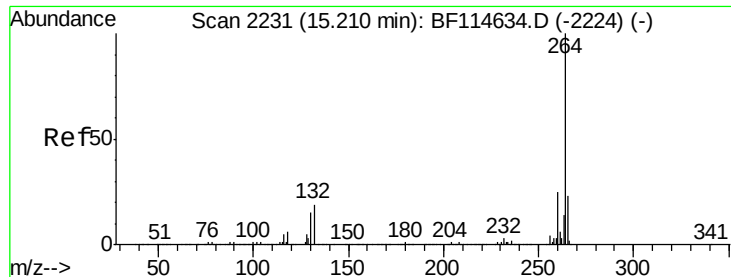
Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Tgt Ion:276	Resp:	341410
Ion Ratio	Lower	Upper
276	100	
138	27.4	23.0 34.6
277	24.4	20.5 30.7



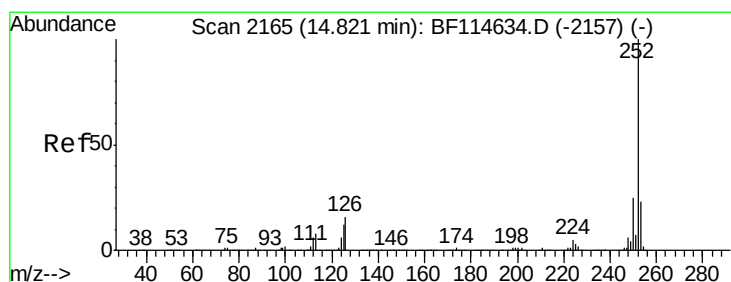
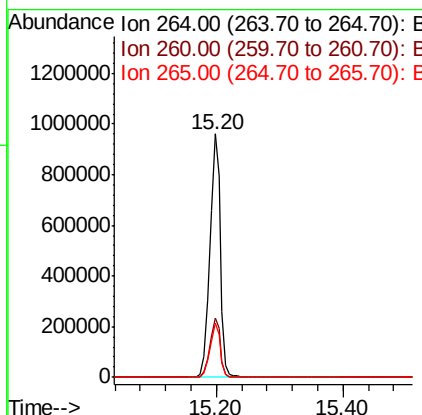
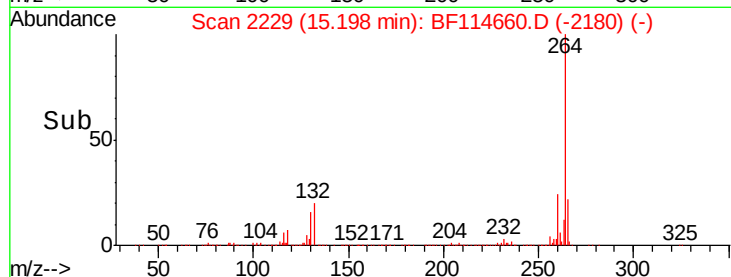
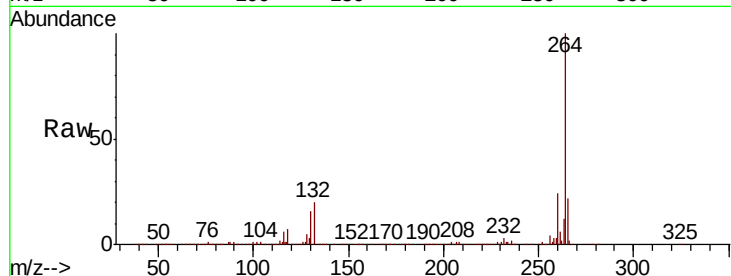


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:264 Resp: 1119457

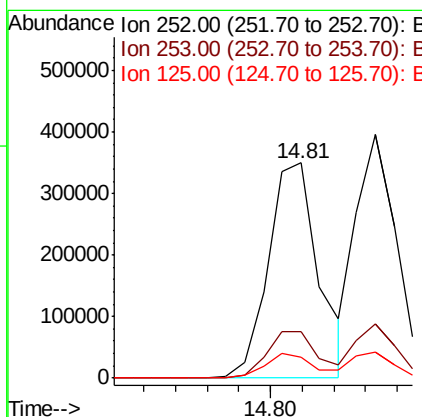
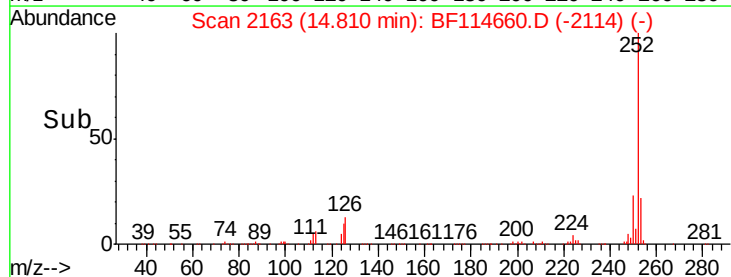
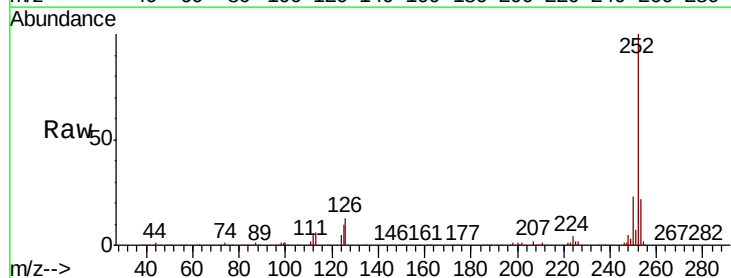
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.3	18.1	27.1

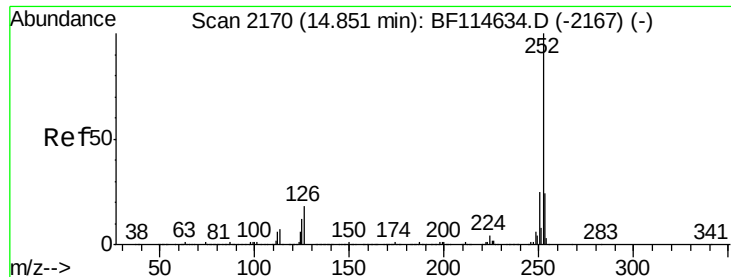


#88
Benzo(b)fluoranthene
Concen: 5.493 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:252 Resp: 387279

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	9.6	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 5.842 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

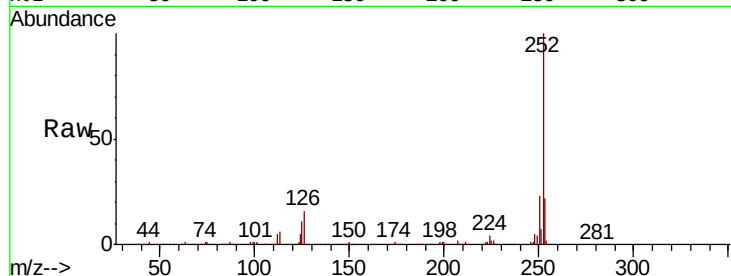
Tot Ion:252 Resp: 358043

Ion Ratio Lower Upper

252 100

253 22.0 18.9 28.3

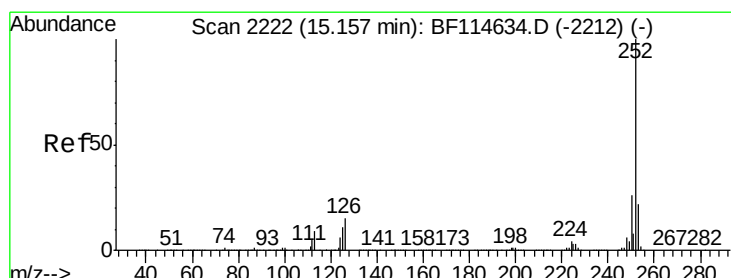
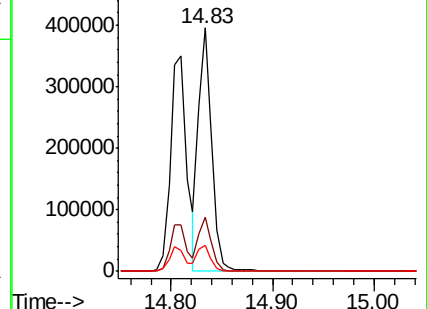
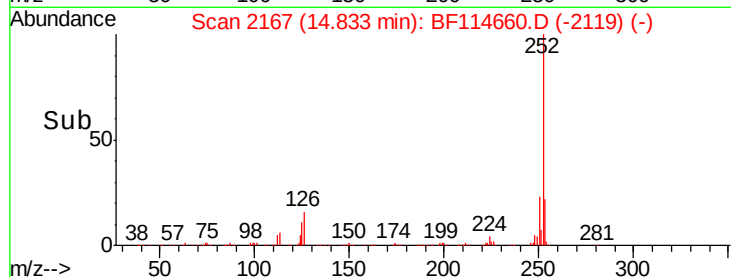
125 10.9 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 5.549 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

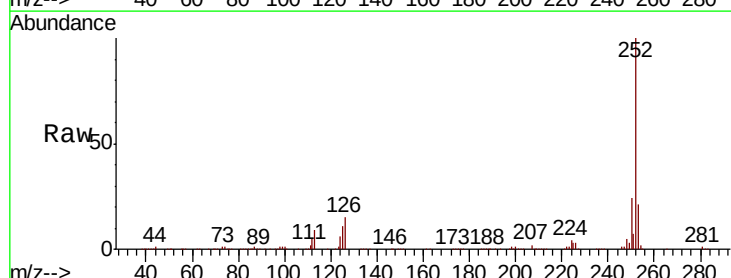
Tgt Ion:252 Resp: 343692

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

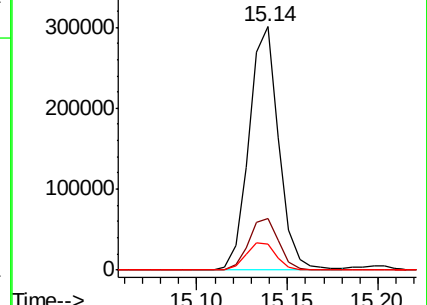
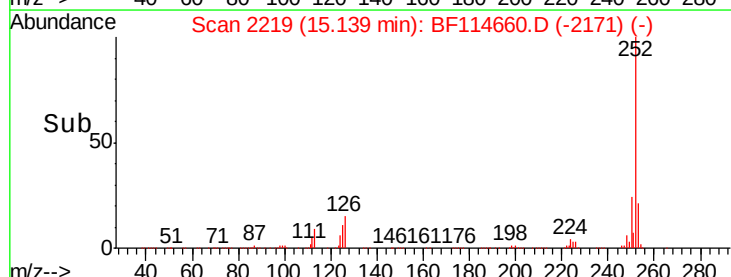
125 10.9 9.2 13.8

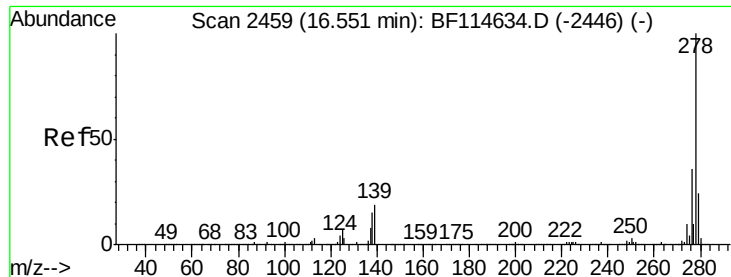


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

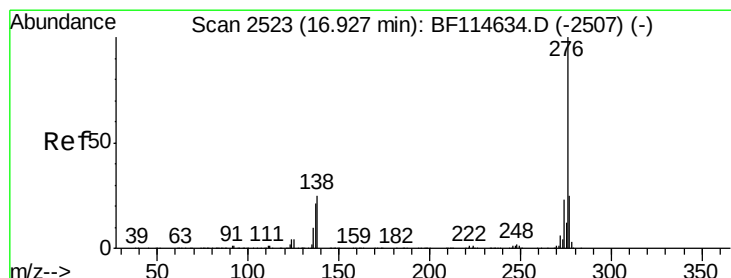
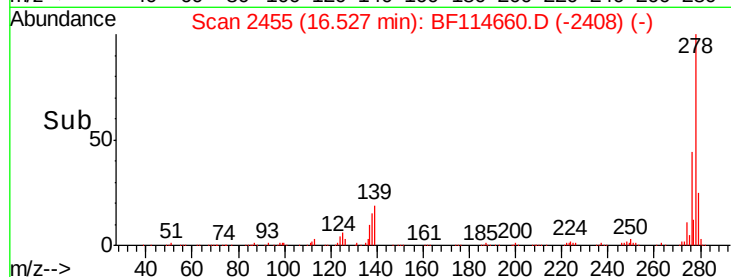
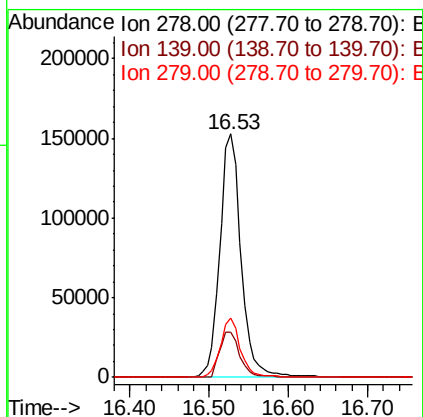
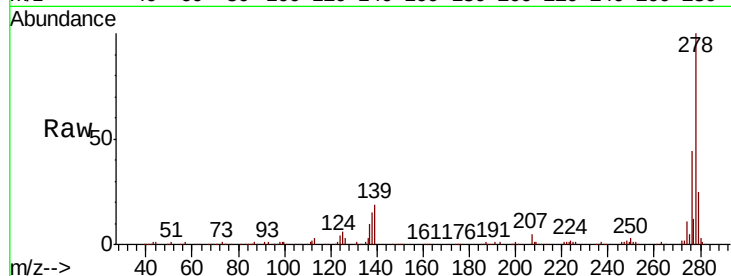




#91
Dibenzo(a,h)anthracene
Concen: 5.201 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

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

Tot Ion:278 Resp: 284681
Ion Ratio Lower Upper
278 100
139 18.7 14.9 22.3
279 24.5 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 5.052 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:276 Resp: 268381
Ion Ratio Lower Upper
276 100
277 23.2 19.7 29.5
138 23.8 19.8 29.8

