

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114662.D
 Acq On : 30 May 2019 15:46
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Quant Time: May 31 11:31:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 11:26:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	413857	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1554842	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	780546	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1480539	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1117835	20.00	ng	0.00
87) Perylene-d12	15.20	264	1129445	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2991558	126.91	ng	0.01
7) Phenol-d6	6.33	99	3585422	126.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	2198769	88.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1054535	141.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3713466	79.04	ng	0.00
79) Terphenyl-d14	12.78	244	3932221	66.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	58662	5.186	ng	98
3) Pyridine	3.13	79	137272	4.170	ng	95
4) n-Nitrosodimethylamine	2.98	42	56080	4.209	ng	# 94
6) Aniline	6.36	93	215464	5.022	ng	97
8) 2-Chlorophenol	6.47	128	142184	5.223	ng	89
9) Benzaldehyde	6.23	77	117692	7.262	ng	99
10) Phenol	6.34	94	179933	5.244	ng	93
11) bis(2-Chloroethyl)ether	6.43	93	135517	5.163	ng	95
12) 1,3-Dichlorobenzene	6.63	146	163479	5.271	ng	99
13) 1,4-Dichlorobenzene	6.71	146	166548	5.353	ng	98
14) 1,2-Dichlorobenzene	6.86	146	155169	5.478	ng	96
15) Benzyl Alcohol	6.83	79	146893	6.574	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	192591	4.784	ng	97
17) 2-Methylphenol	6.94	107	115034	4.996	ng	97
18) Hexachloroethane	7.21	117	56731	4.816	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	99962	5.098	ng	97
20) 3+4-Methylphenols	7.10	107	150622	5.562	ng	92
22) Acetophenone	7.10	105	207170	6.253	ng	96
24) Nitrobenzene	7.27	77	152113	5.746	ng	97
25) Isophorone	7.51	82	267593	5.350	ng	100
26) 2-Nitrophenol	7.59	139	61468	4.770	ng	99
27) 2,4-Dimethylphenol	7.63	122	124692	5.818	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	170966	5.370	ng	98
29) 2,4-Dichlorophenol	7.82	162	117711	5.396	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	139003	5.593	ng	99
31) Naphthalene	7.99	128	446564	6.235	ng	96
32) Benzoic acid	7.68	122	45715	3.284	ng	97
33) 4-Chloroaniline	8.04	127	181202	5.311	ng	97
34) Hexachlorobutadiene	8.12	225	74366	5.386	ng	100
35) Caprolactam	8.36	113	35093	4.767	ng	98
36) 4-Chloro-3-methylphenol	8.52	107	117661	5.378	ng	97
37) 2-Methylnaphthalene	8.68	142	302735	6.362	ng	98
38) 1-Methylnaphthalene	8.78	142	285039	6.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	130325	6.270	ng	99

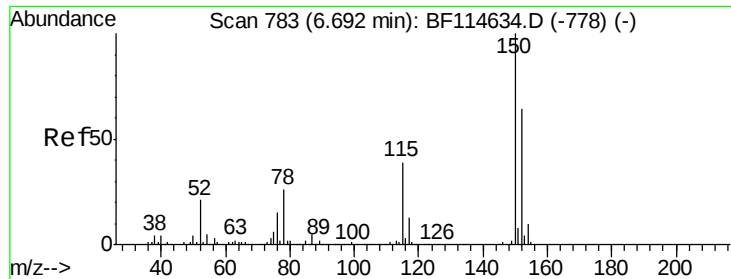
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	74388	5.415	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	84422	5.162	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	87248	5.346	ng	97
46) 1,1'-Biphenyl	9.15	154	368812	6.365	ng	96
47) 2-Chloronaphthalene	9.17	162	280979	5.912	ng	96
48) 2-Nitroaniline	9.25	65	66782	4.553	ng	95
49) Acenaphthylene	9.57	152	447907	6.100	ng	97
50) Dimethylphthalate	9.44	163	318067	5.848	ng	99
51) 2,6-Dinitrotoluene	9.50	165	65332	5.169	ng	95
52) Acenaphthene	9.75	154	271239	6.023	ng	98
53) 3-Nitroaniline	9.66	138	74492	4.816	ng	96
54) 2,4-Dinitrophenol	9.76	184	12420	2.491	ng	# 66
55) Dibenzofuran	9.92	168	394088	6.148	ng	94
56) 4-Nitrophenol	9.81	139	49980	4.360	ng	91
57) 2,4-Dinitrotoluene	9.89	165	80651	4.972	ng	93
58) Fluorene	10.26	166	305163	7.051	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	71188	5.329	ng	97
60) Diethylphthalate	10.15	149	314461	5.661	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	149750	6.916	ng	99
62) 4-Nitroaniline	10.26	138	68588	4.551	ng	98
63) Azobenzene	10.42	77	288164	5.650	ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	22368	3.407	ng	89
66) n-Nitrosodiphenylamine	10.37	169	262079	5.991	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	89347	5.628	ng	98
68) Hexachlorobenzene	10.81	284	98180	5.709	ng	92
69) Atrazine	10.89	200	77281	5.607	ng	97
70) Pentachlorophenol	11.00	266	43844	4.423	ng	97
71) Phenanthrene	11.22	178	456640	6.046	ng	96
72) Anthracene	11.26	178	463958	6.070	ng	97
73) Carbazole	11.42	167	401642	5.979	ng	95
74) Di-n-butylphthalate	11.76	149	488052	5.979	ng	96
75) Fluoranthene	12.39	202	456030	5.831	ng	95
77) Benzidine	12.52	184	218345	4.743	ng	99
78) Pyrene	12.62	202	473480	5.007	ng	96
80) Butylbenzylphthalate	13.25	149	182786	3.846	ng	98
81) Benzo(a)anthracene	13.80	228	414381	4.824	ng	97
82) 3,3'-Dichlorobenzidine	13.77	252	144175	4.346	ng	97
83) Chrysene	13.83	228	408531	4.978	ng	96
84) Bis(2-ethylhexyl)phthalate	13.82	149	264369	4.500	ng	97
85) Di-n-octyl phthalate	14.42	149	426483	4.178	ng	97
86) Indeno(1,2,3-cd)pyrene	16.50	276	342975	4.172	ng	98
88) Benzo(b)fluoranthene	14.80	252	365751	5.142	ng	98
89) Benzo(k)fluoranthene	14.83	252	392654	6.351	ng	96
90) Benzo(a)pyrene	15.14	252	348295	5.573	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	287372	5.204	ng	98
92) Benzo(g,h,i)perylene	16.90	276	274171	5.115	ng	97

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

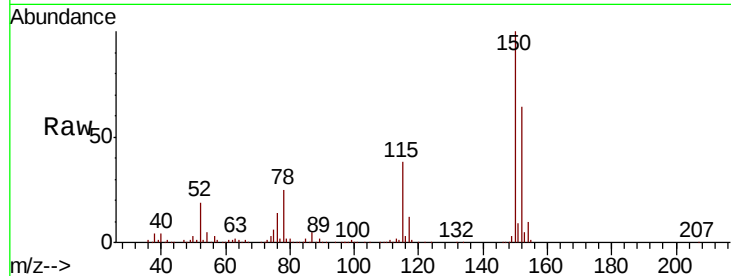


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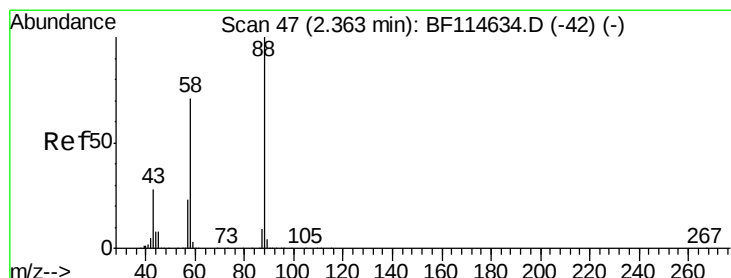
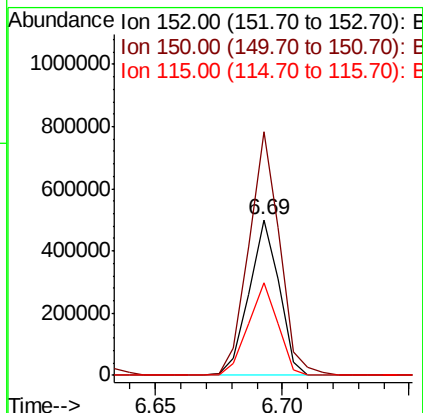
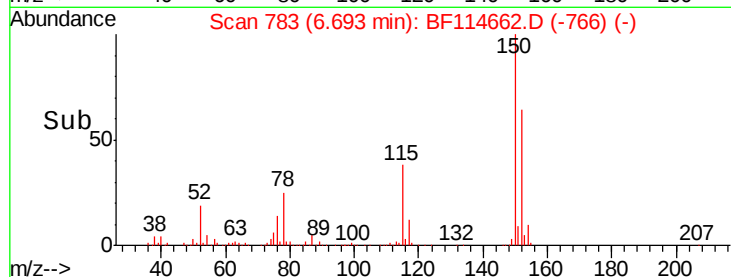
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:152 Resp: 413857
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 59.3 48.7 73.1



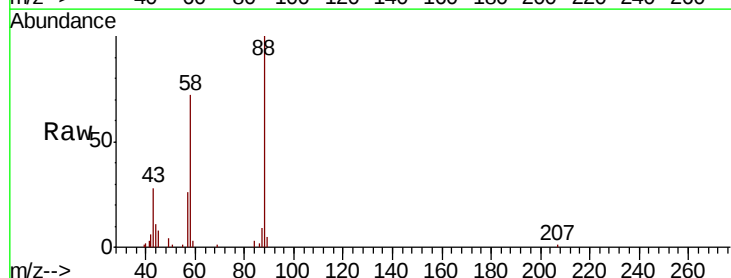
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



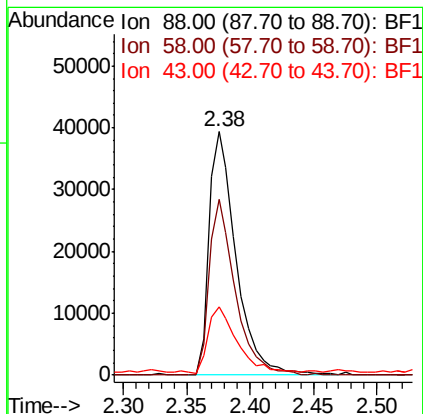
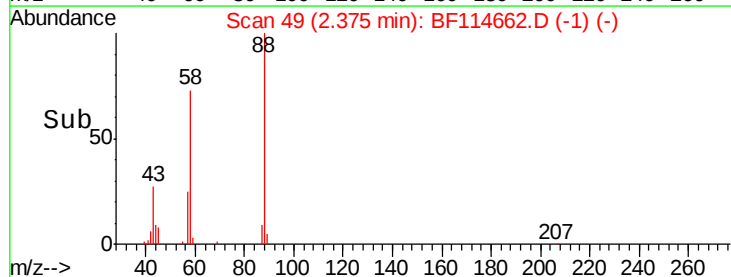
#2

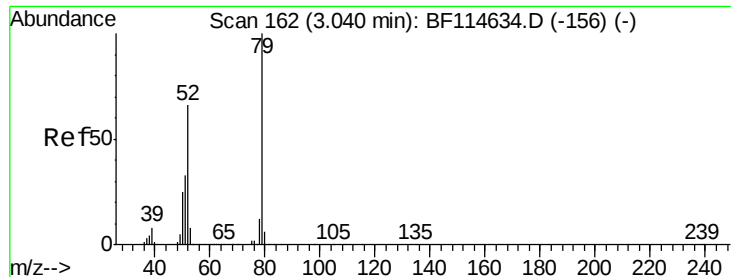
1,4-Dioxane
Concen: 5.186 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 88 Resp: 58662
Ion Ratio Lower Upper
88 100
58 69.5 57.2 85.8
43 28.6 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: 4.170 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.09 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

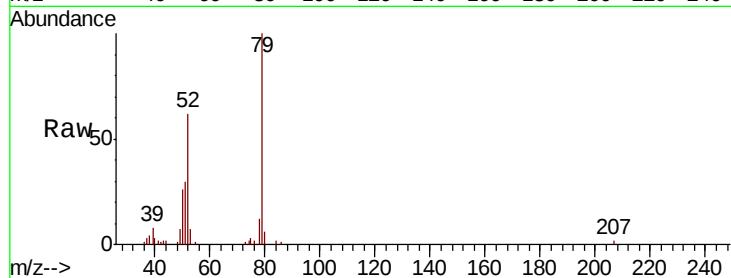
Tot Ion: 79 Resp: 137272

Ion Ratio Lower Upper

79 100

52 61.9 52.8 79.2

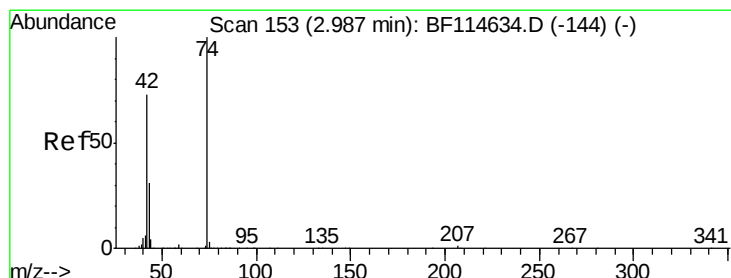
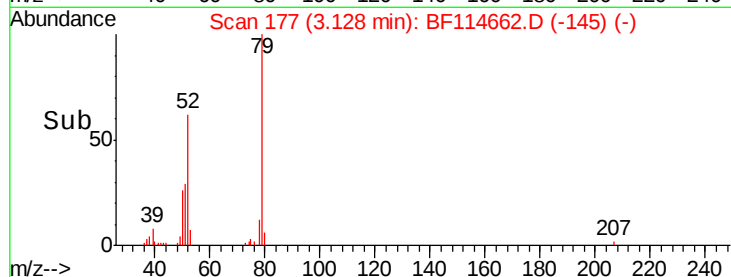
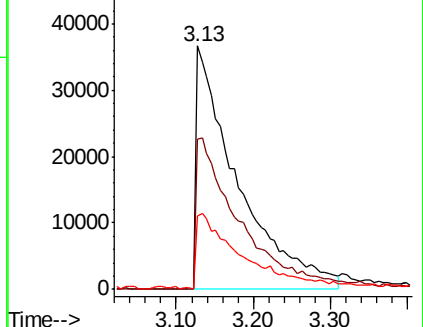
51 30.3 26.3 39.5



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: 4.209 ng

RT: 2.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

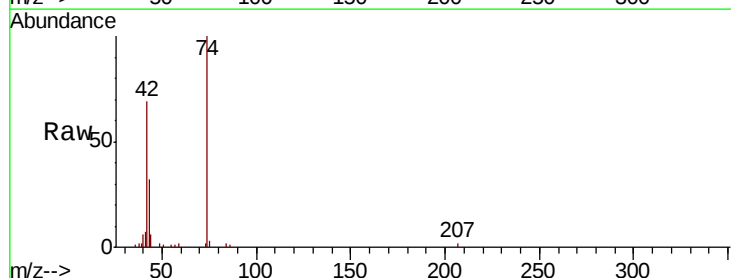
Tgt Ion: 42 Resp: 56080

Ion Ratio Lower Upper

42 100

74 144.2 110.0 165.0

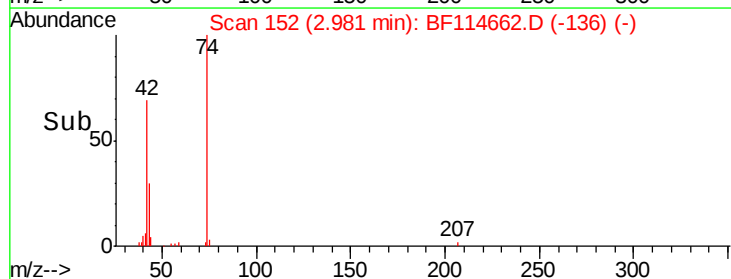
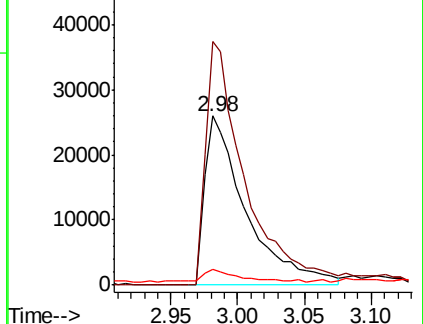
44 9.1 5.6 8.4#



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: 126.911 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

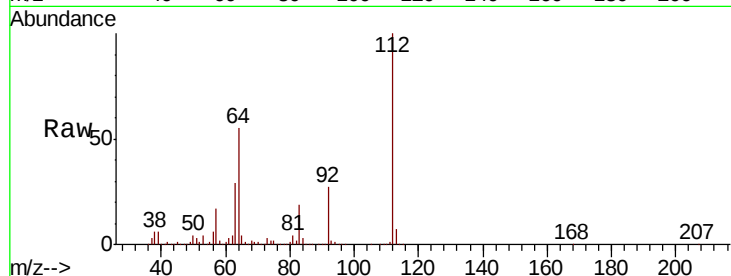
Tot Ion:112 Resp: 2991558

Ion Ratio Lower Upper

112 100

64 54.6 46.1 69.1

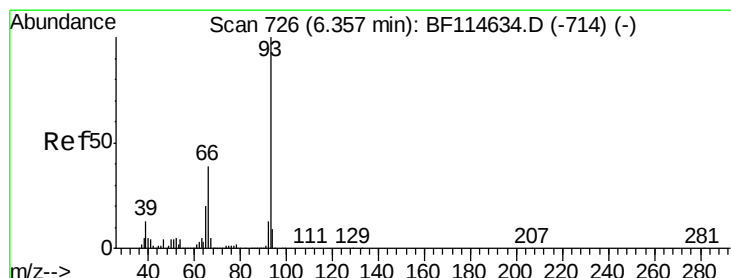
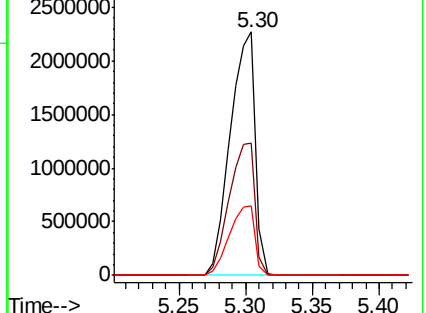
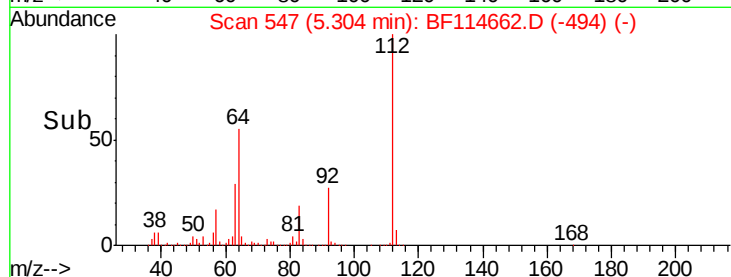
63 28.8 23.4 35.2



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: 5.022 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

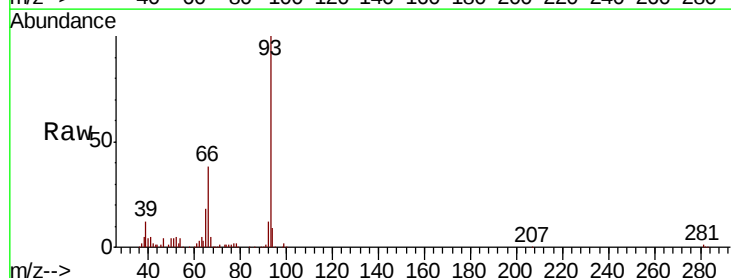
Tgt Ion: 93 Resp: 215464

Ion Ratio Lower Upper

93 100

66 38.1 31.4 47.2

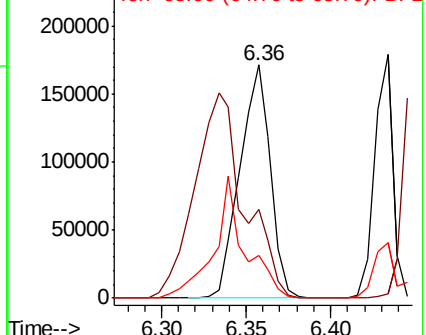
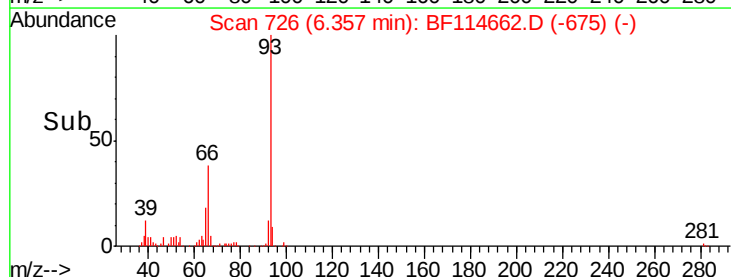
65 18.3 16.2 24.2

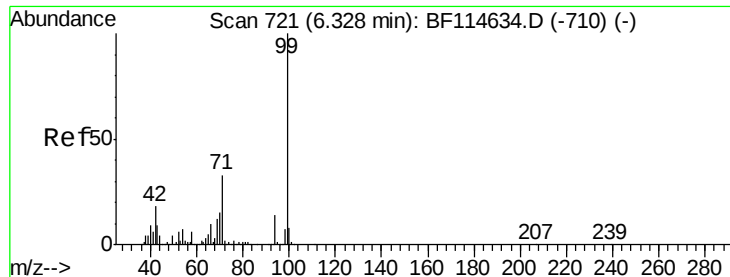


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.224 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

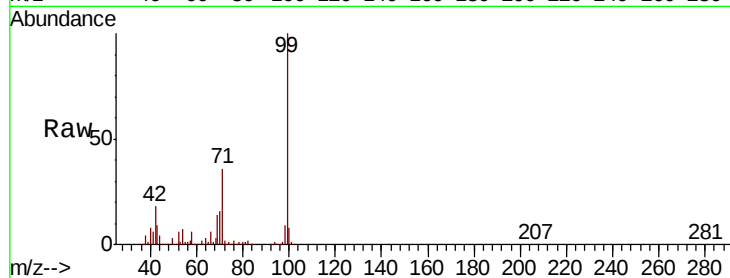
BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion: 99 Resp: 3585422

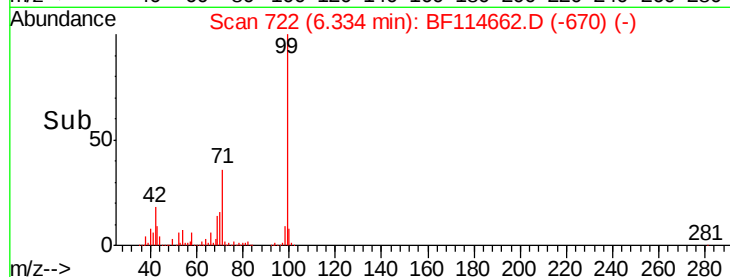
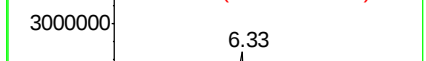
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.7	22.1
71	36.0	26.6	40.0



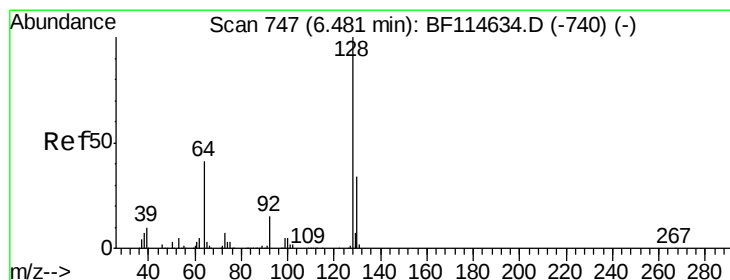
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 5.223 ng

RT: 6.47 min Scan# 746

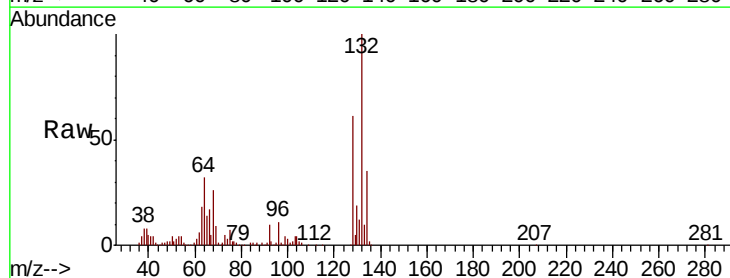
Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion: 128 Resp: 142184

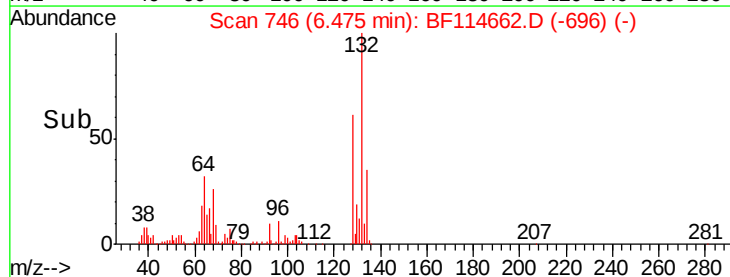
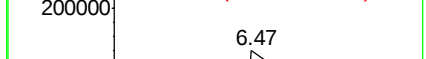
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.9	53.9
64	52.6	22.0	62.0



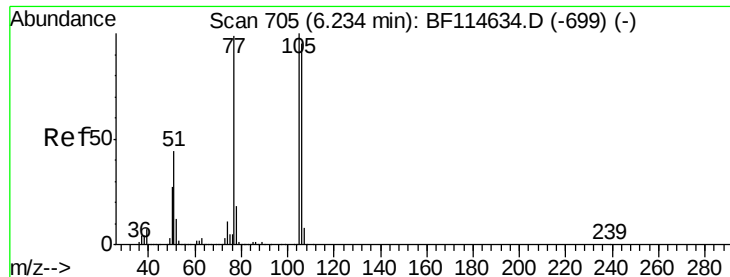
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->



#9

Benzaldehyde

Concen: 7.262 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114662.D

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Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

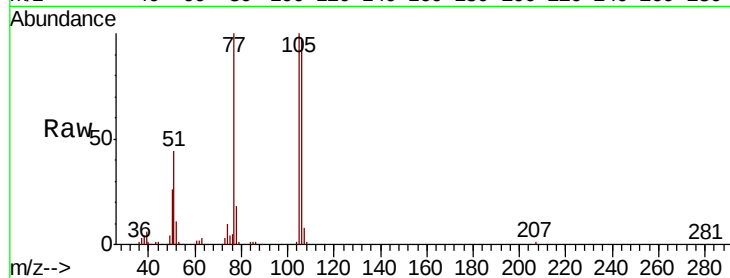
Tot Ion: 77 Resp: 117692

Ion Ratio Lower Upper

77 100

105 100.3 80.8 120.8

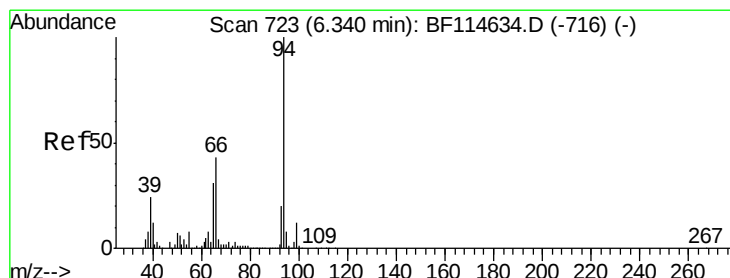
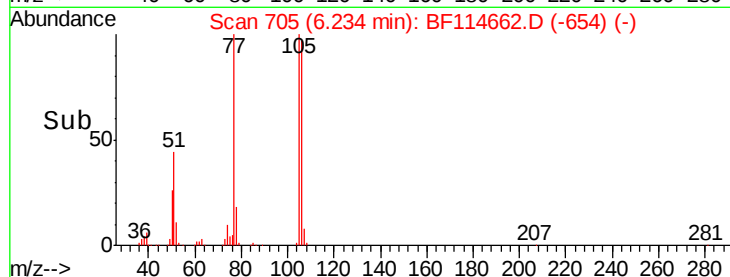
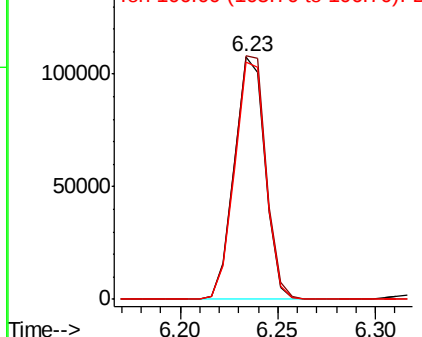
106 97.6 76.2 116.2



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: 5.244 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

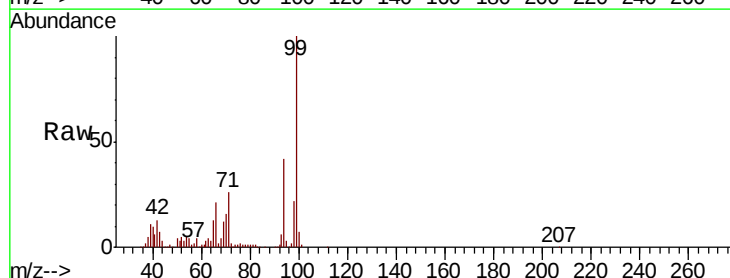
Tgt Ion: 94 Resp: 179933

Ion Ratio Lower Upper

94 100

65 32.2 11.0 51.0

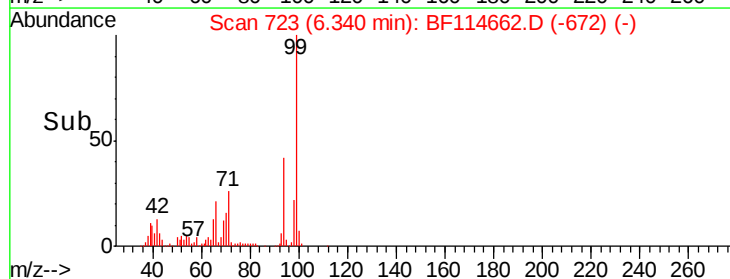
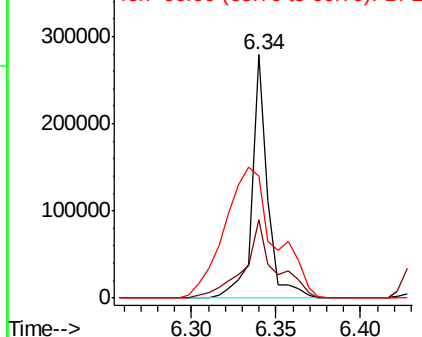
66 50.2 23.0 63.0

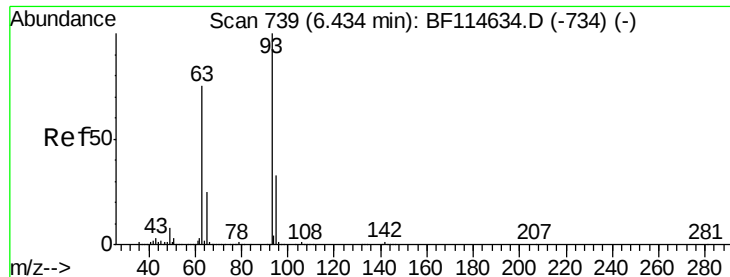


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

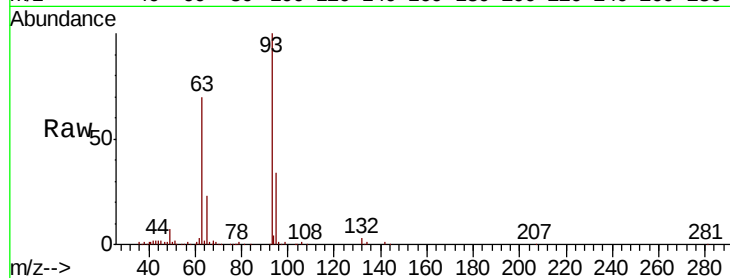




#11
bis(2-Chloroethyl)ether
Concen: 5.163 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.0	95.0
95	33.9	13.5	53.5

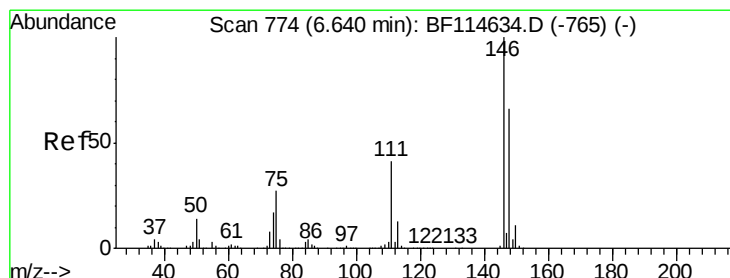
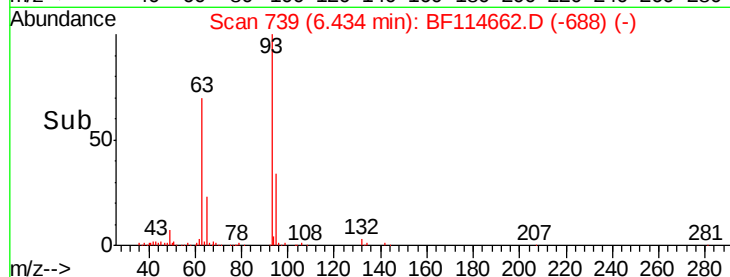
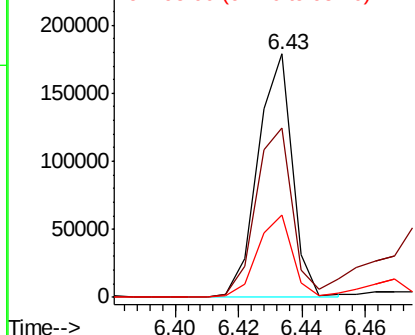


Abundance

Ion 93.00 (92.70 to 93.70): BF1

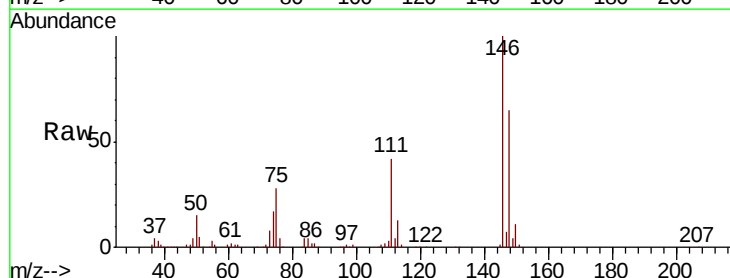
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 5.271 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
75	28.0	22.0	33.0

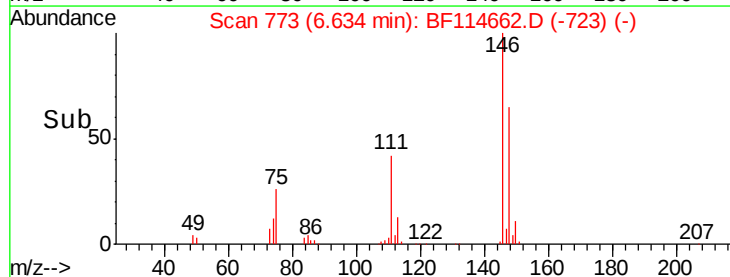
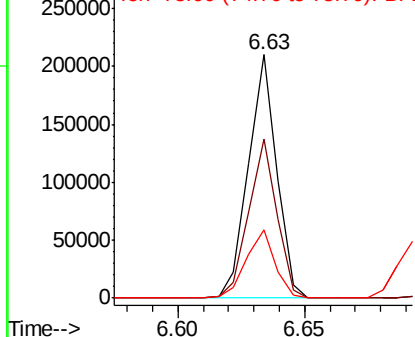


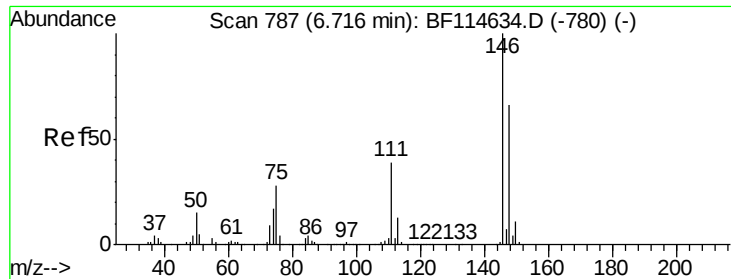
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 5.353 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

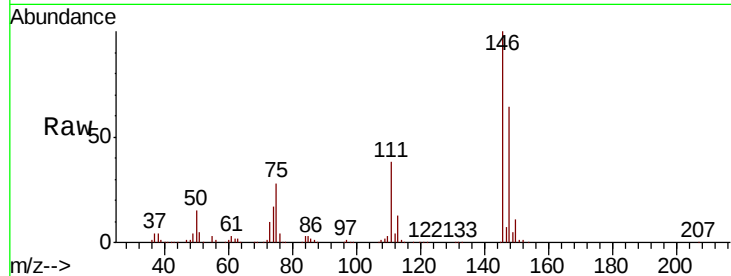
Tot Ion:146 Resp: 166548

Ion Ratio Lower Upper

146 100

148 64.0 52.5 78.7

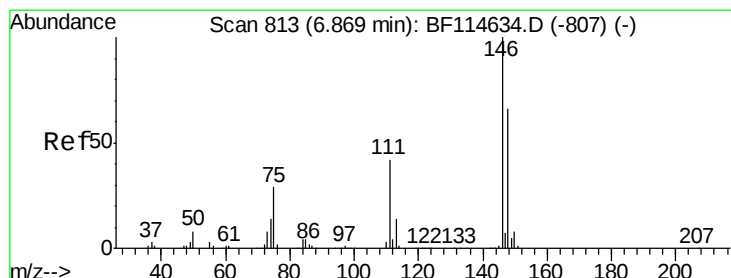
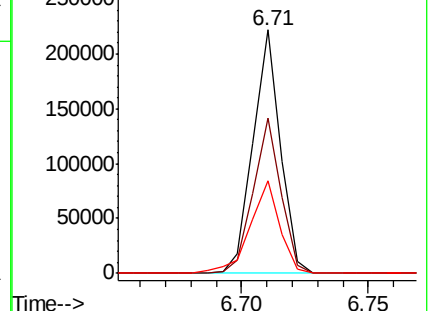
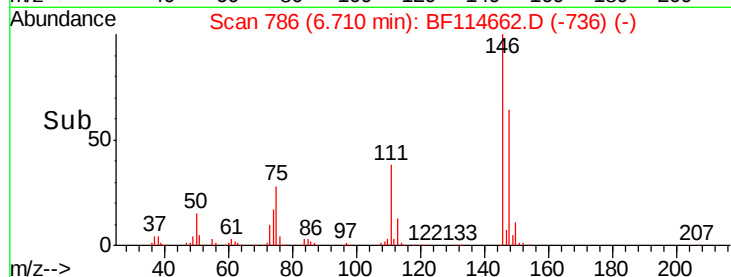
111 38.1 31.4 47.2



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: 5.478 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

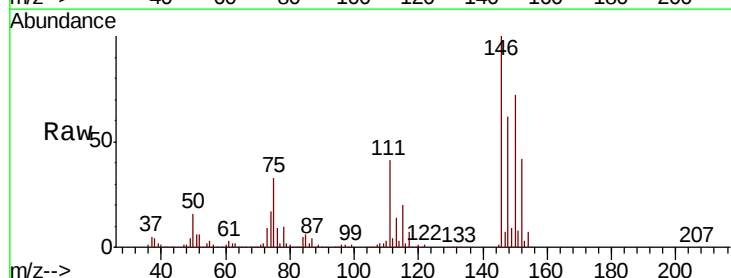
Tgt Ion:146 Resp: 155169

Ion Ratio Lower Upper

146 100

148 61.8 52.6 79.0

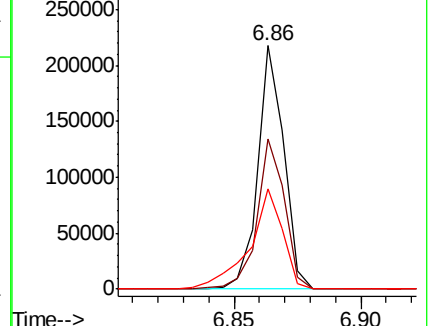
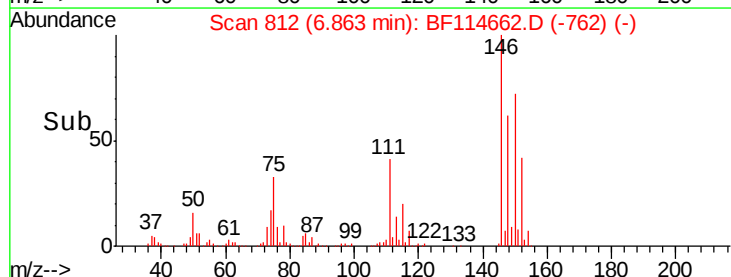
111 41.3 34.1 51.1

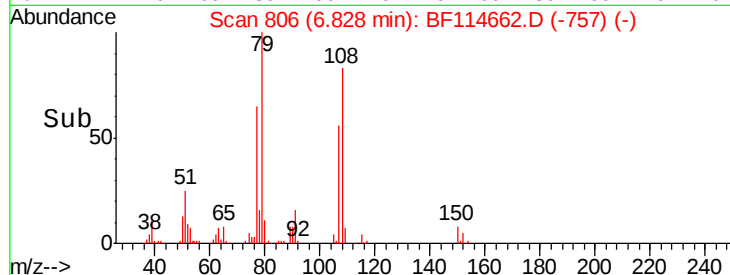
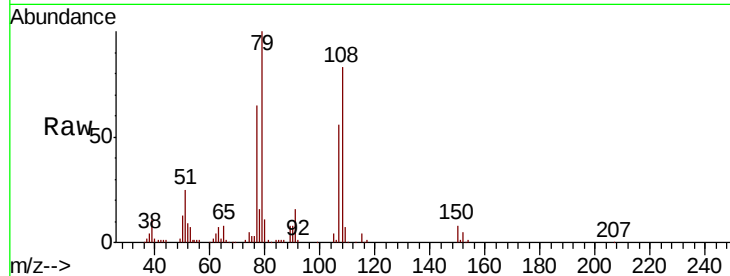
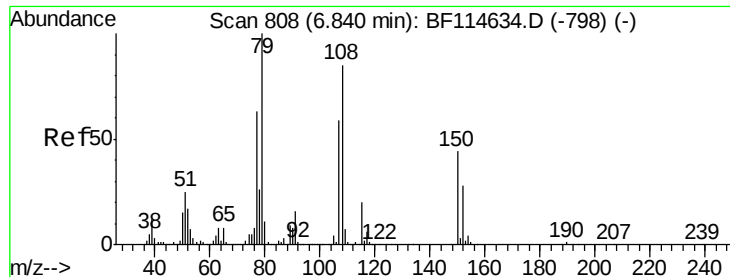


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

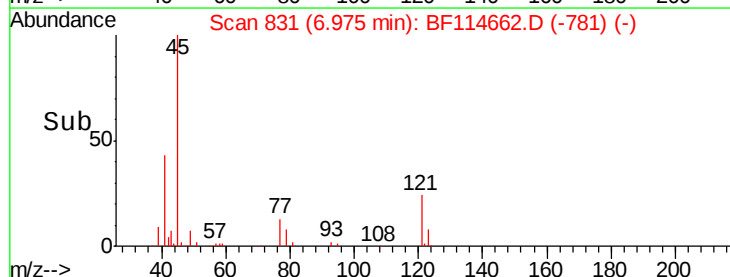
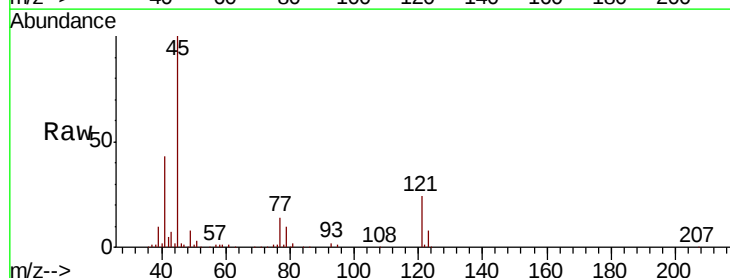
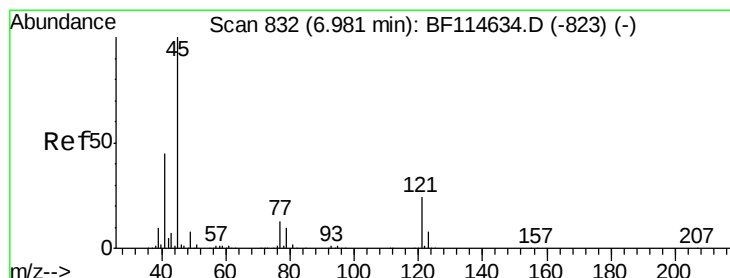
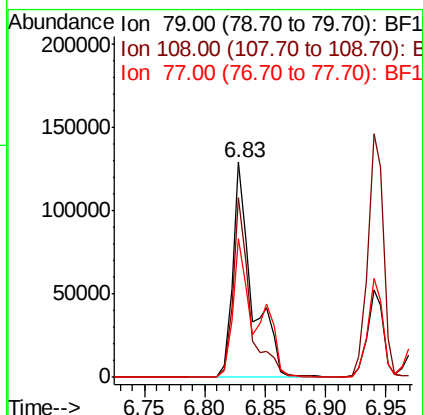




#15
Benzyl Alcohol
Concen: 6.574 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

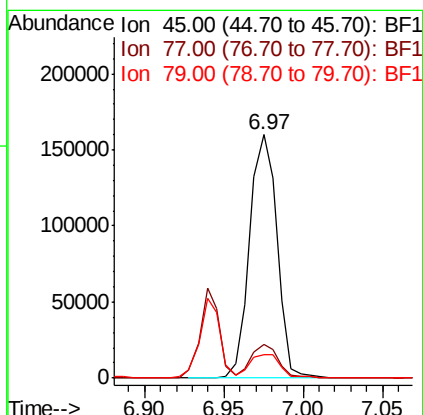
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

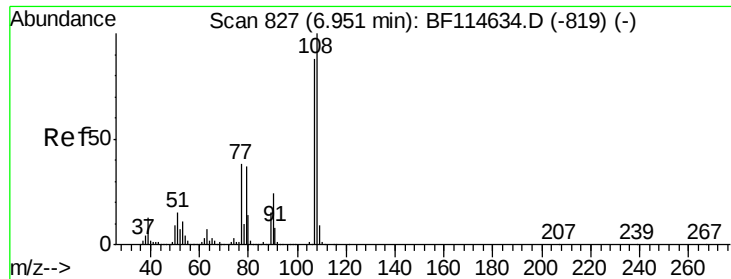
Tot Ion: 79 Resp: 146893
Ion Ratio Lower Upper
79 100
108 83.2 67.8 101.8
77 64.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.784 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 45 Resp: 192591
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.7
79 9.8 0.0 31.3





#17

2-Methylphenol

Concen: 4.996 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:107 Resp: 115034

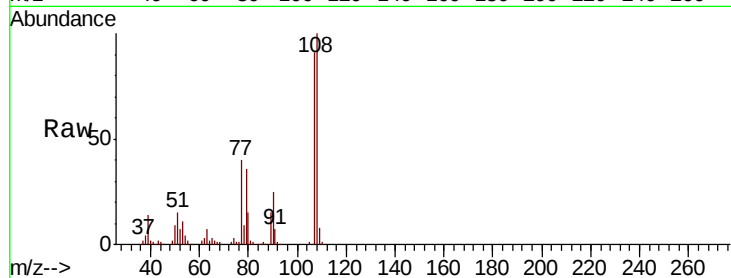
Ion Ratio Lower Upper

107 100

108 109.9 91.1 136.7

77 44.4 34.9 52.3

79 39.3 33.8 50.6

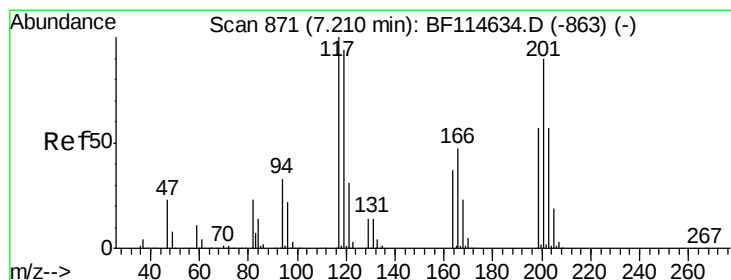
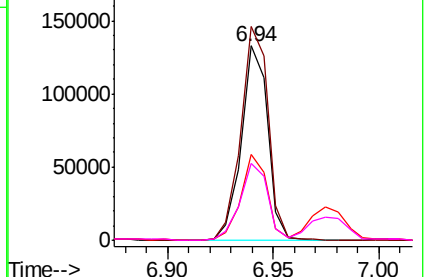
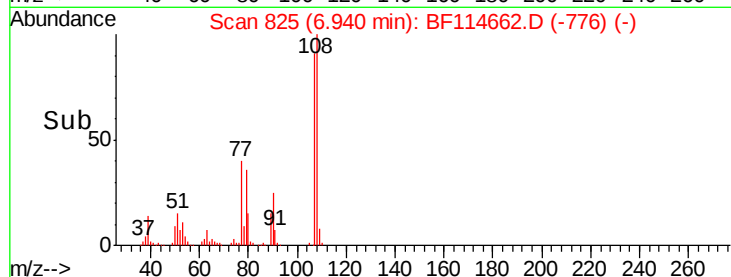


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 4.816 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

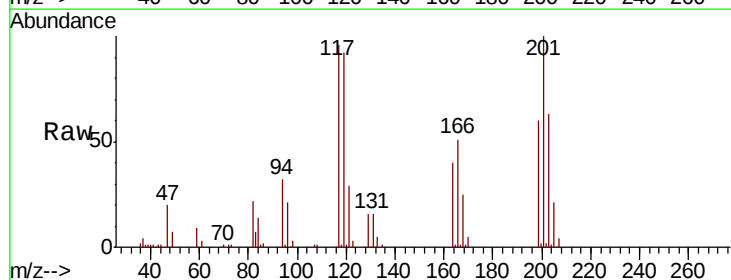
Tgt Ion:117 Resp: 56731

Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

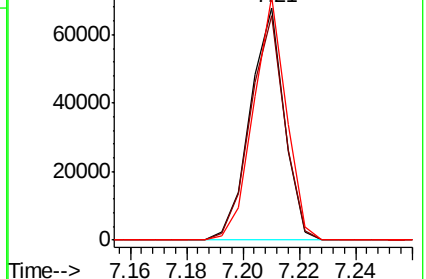
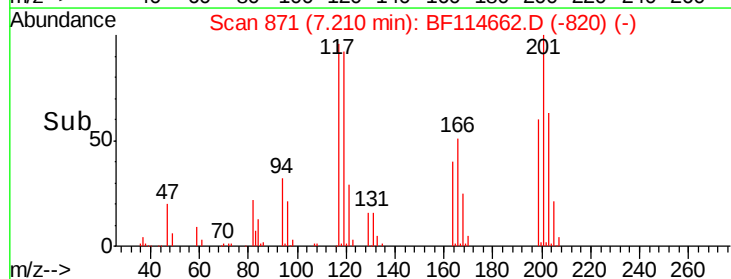
201 107.0 71.7 107.5

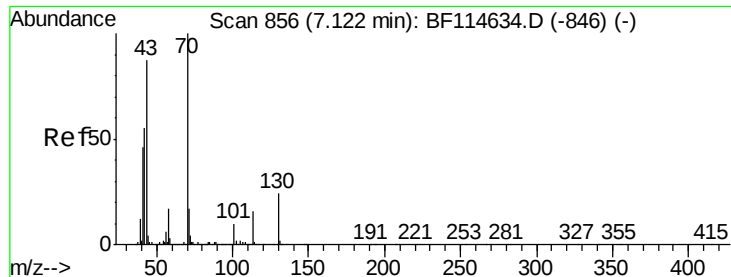


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

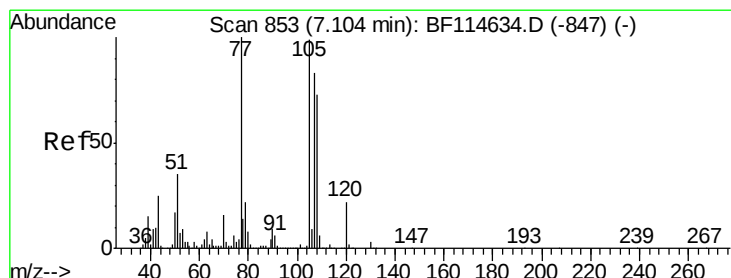
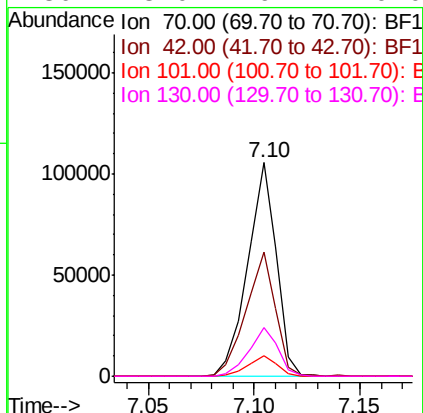
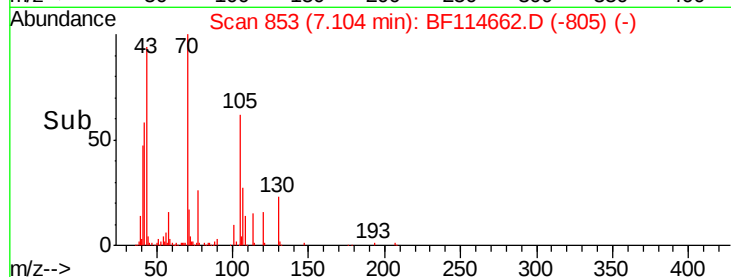
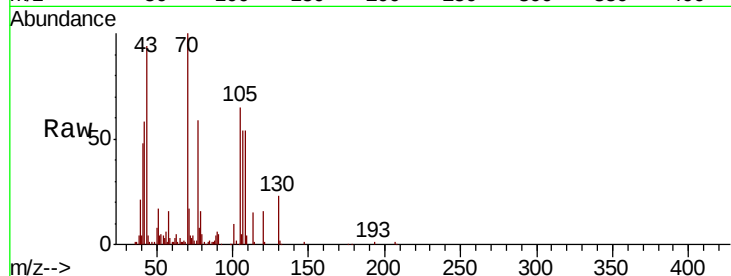




#19
n-Nitroso-di-n-propylamine
Concen: 5.098 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

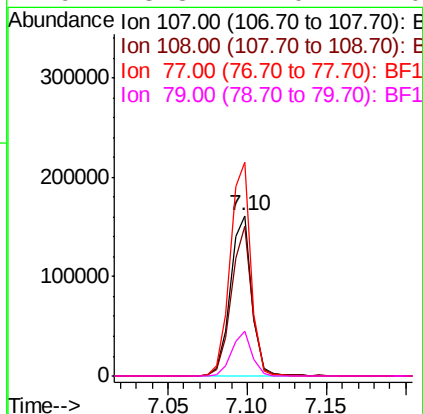
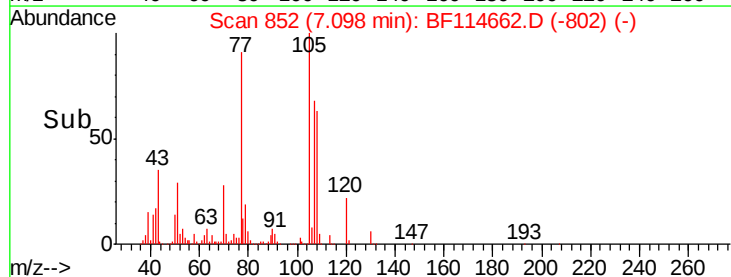
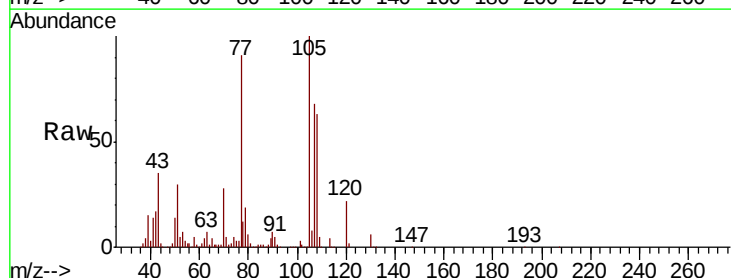
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

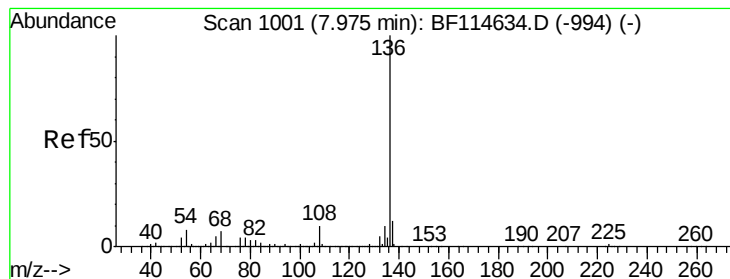
Tot Ion:	70	Resp:	99962
Ion	Ratio	Lower	Upper
70	100		
42	58.4	44.4	66.6
101	9.6	8.2	12.4
130	23.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 5.562 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:	107	Resp:	150622
Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.6	108.6
77	133.4	100.5	140.5
79	28.3	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: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:136 Resp: 1554842

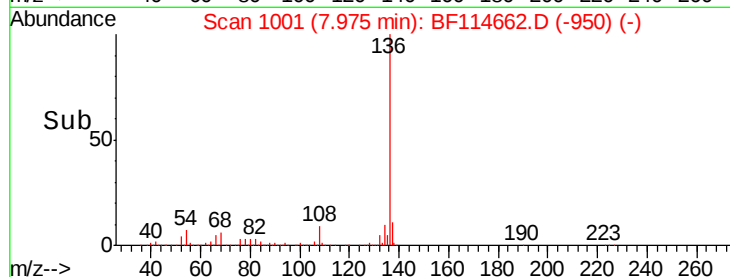
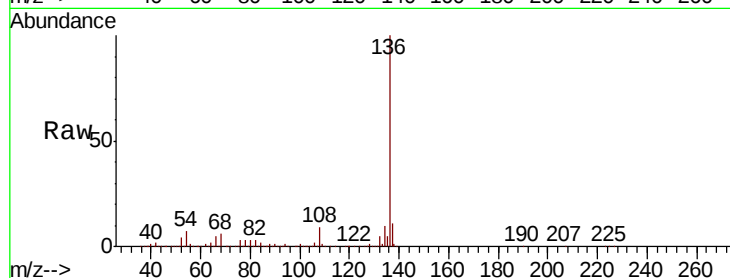
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.6 6.3 9.5

68 5.7 5.4 8.0



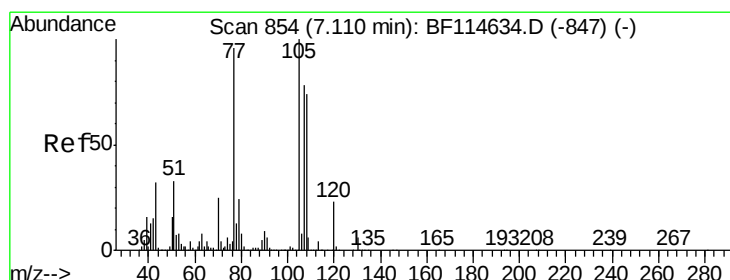
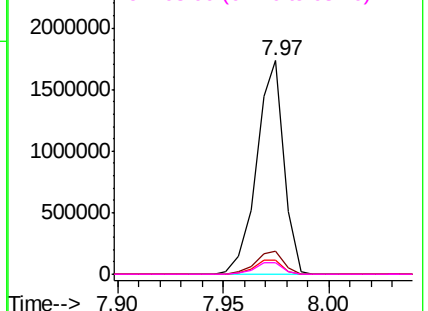
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 6.253 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion:105 Resp: 207170

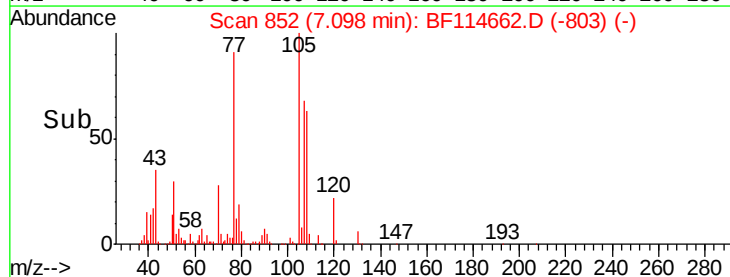
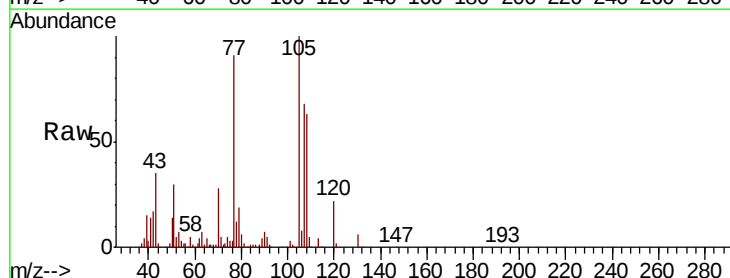
Ion Ratio Lower Upper

105 100

71 4.7 3.6 5.4

51 29.6 26.0 39.0

120 22.5 18.8 28.2



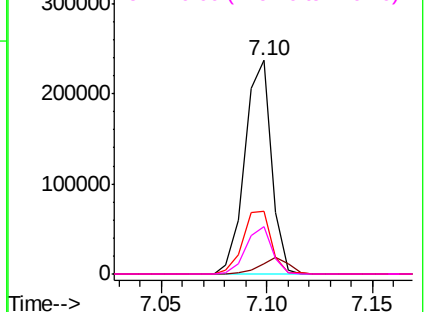
Abundance

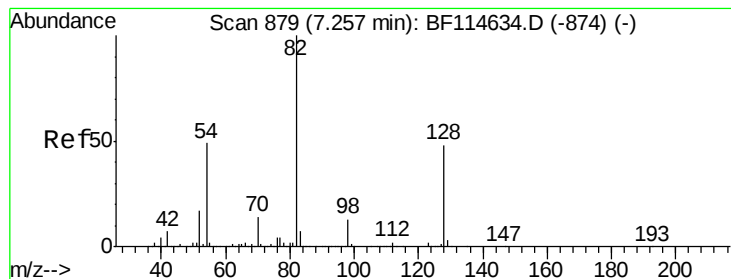
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.227 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

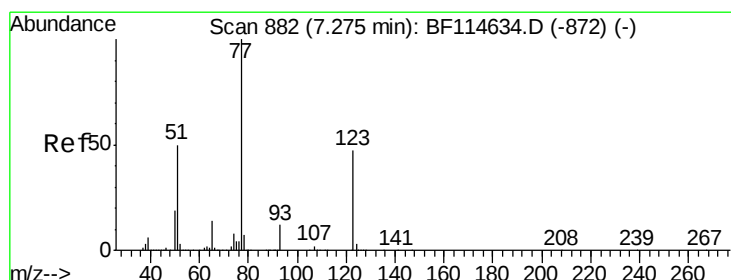
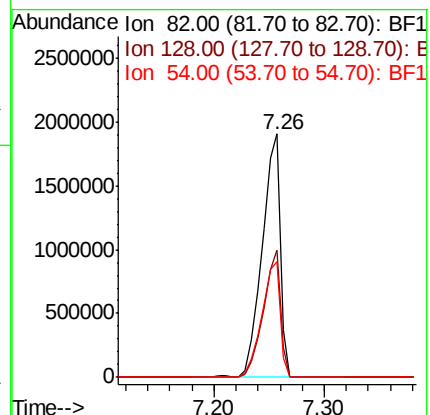
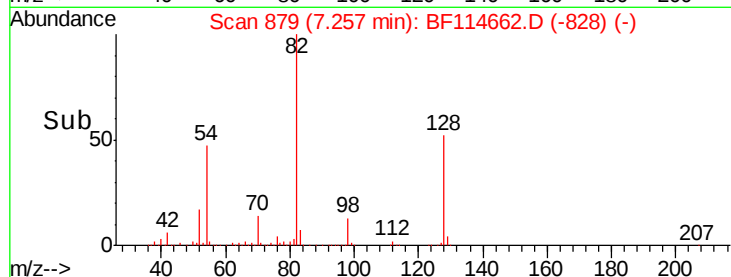
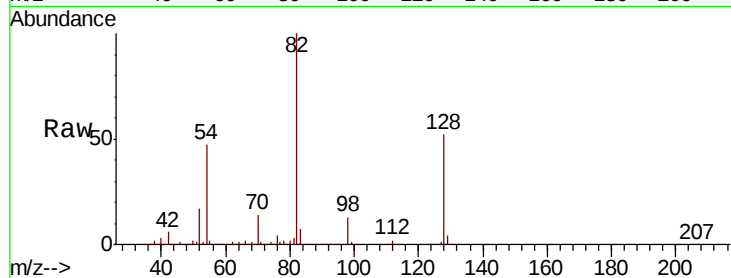
Tot Ion: 82 Resp: 2198769

Ion Ratio Lower Upper

82 100

128 52.5 38.5 57.7

54 47.4 39.1 58.7



#24

Nitrobenzene

Concen: 5.746 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

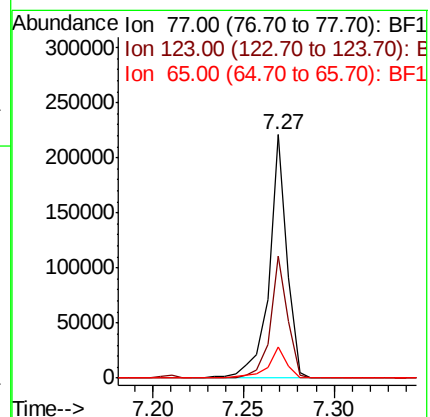
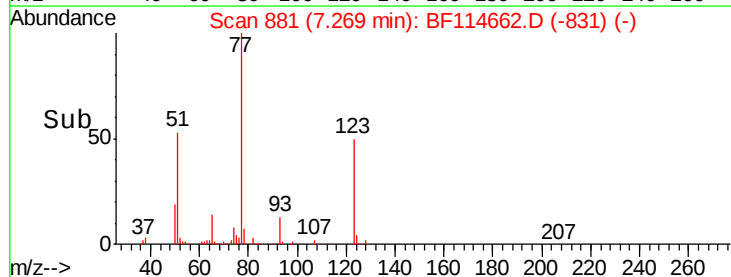
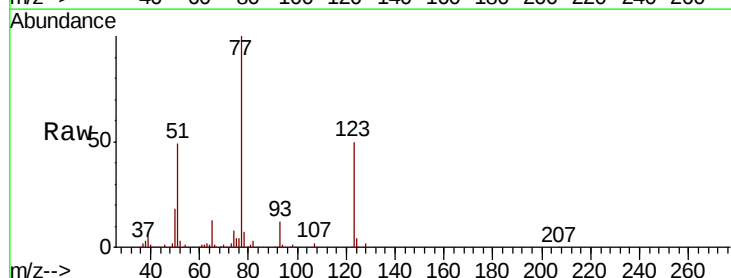
Tgt Ion: 77 Resp: 152113

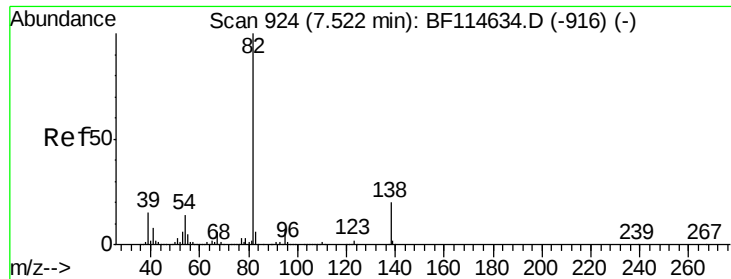
Ion Ratio Lower Upper

77 100

123 50.0 38.5 57.7

65 12.6 11.2 16.8

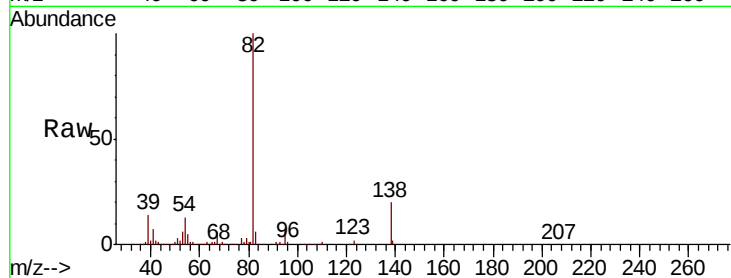




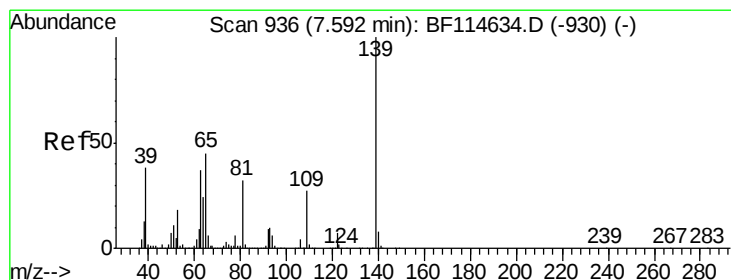
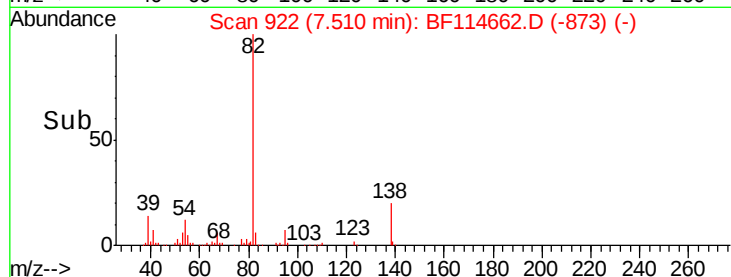
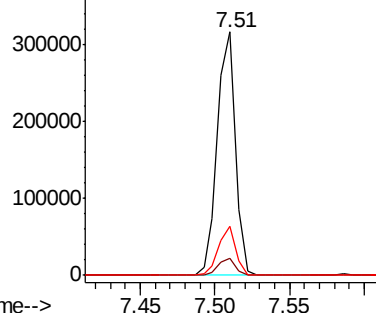
#25
Isophorone
Concen: 5.350 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion: 82 Resp: 267593
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 19.9 15.9 23.9

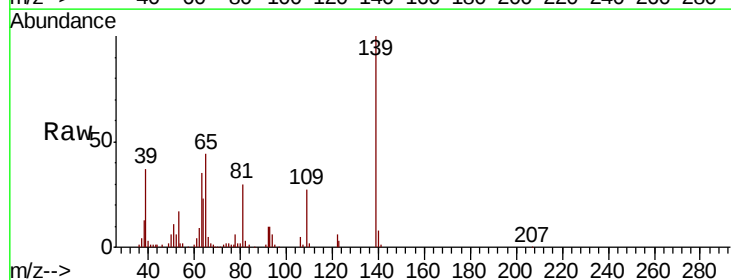


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

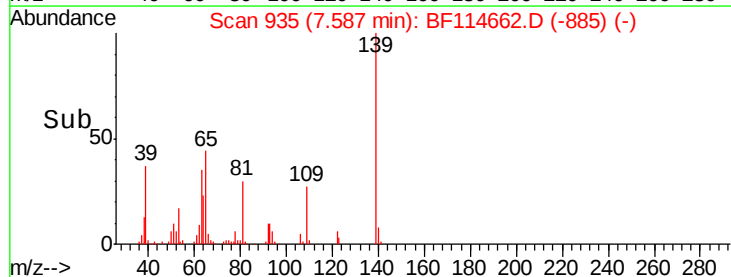
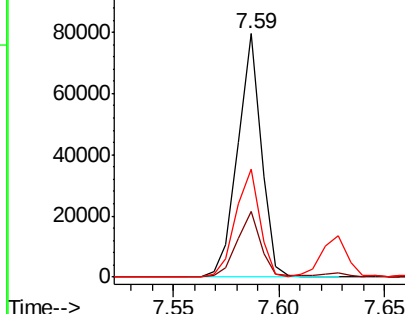


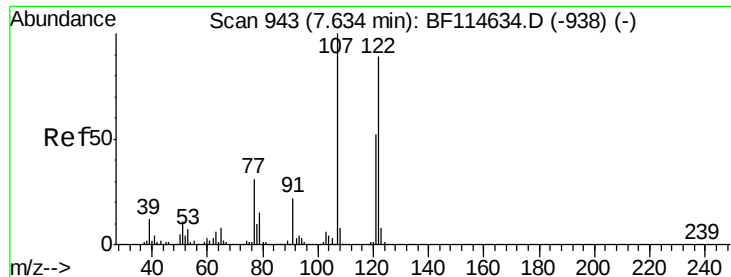
#26
2-Nitrophenol
Concen: 4.770 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 139 Resp: 61468
Ion Ratio Lower Upper
139 100
109 26.9 21.7 32.5
65 44.4 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

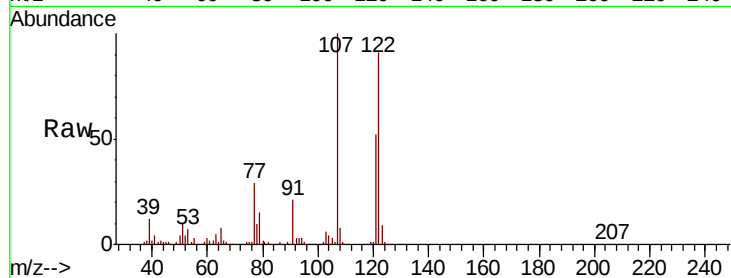




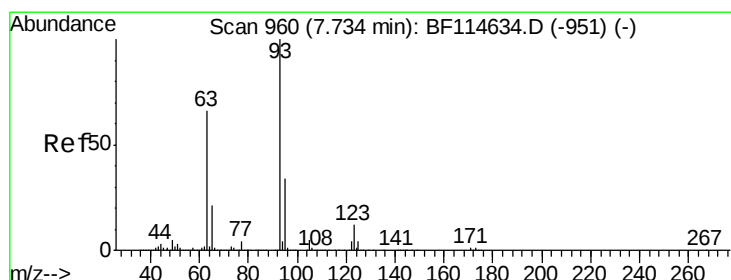
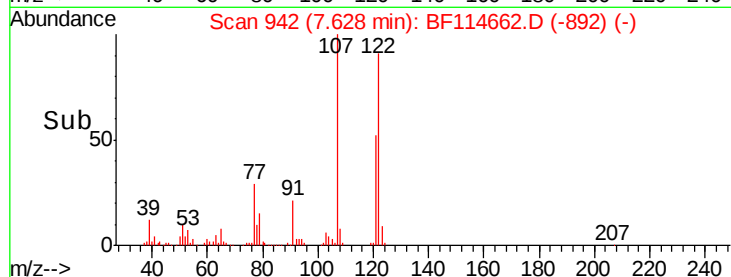
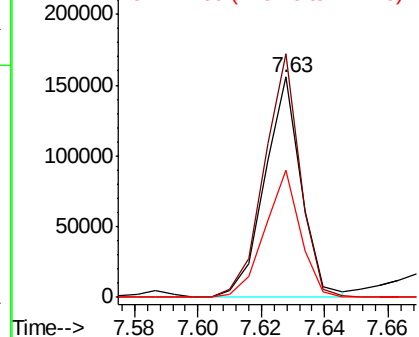
#27
2,4-Dimethylphenol
Concen: 5.818 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.3	133.9
121	57.4	46.8	70.2

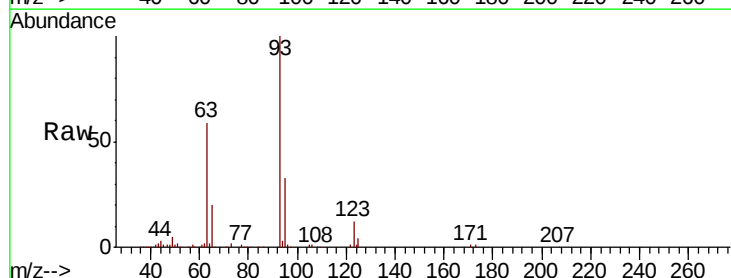


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

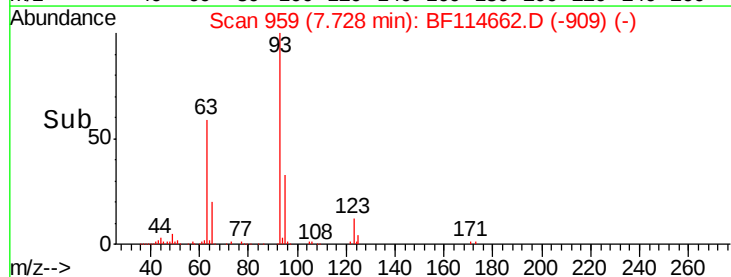
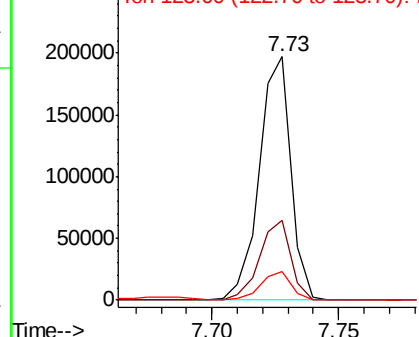


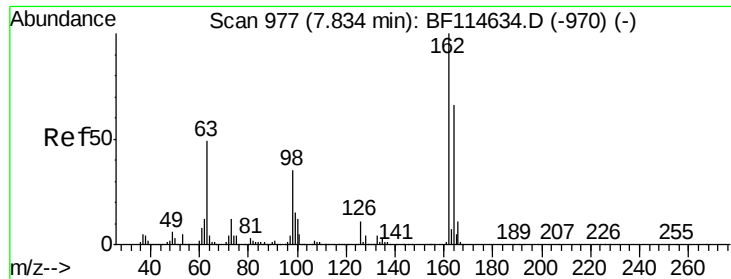
#28
bis(2-Chloroethoxy)methane
Concen: 5.370 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	11.9	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: 5.396 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

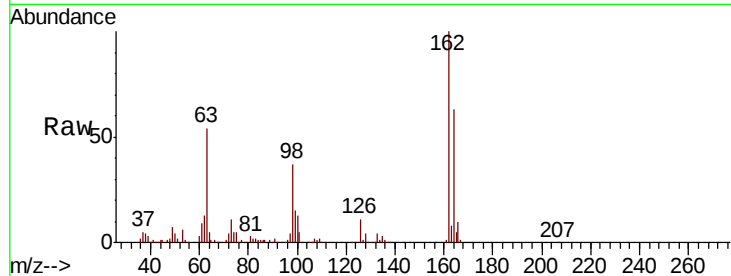
Tot Ion:162 Resp: 117711

Ion Ratio Lower Upper

162 100

164 62.6 45.8 85.8

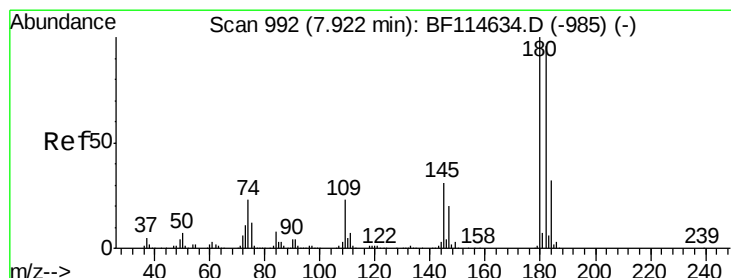
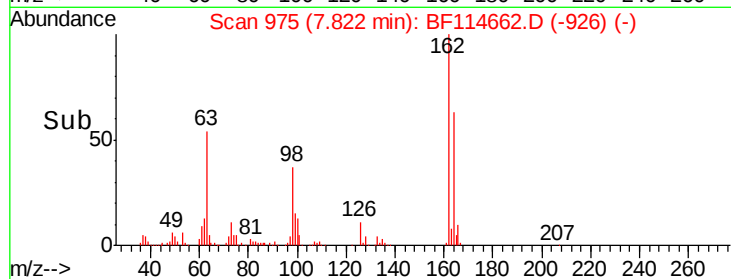
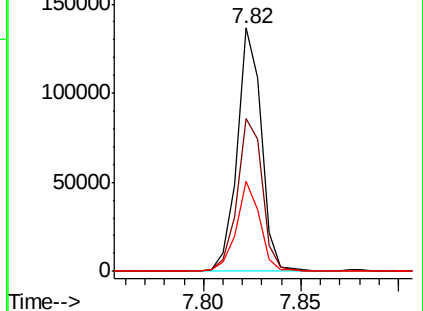
98 37.1 14.9 54.9



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: 5.593 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

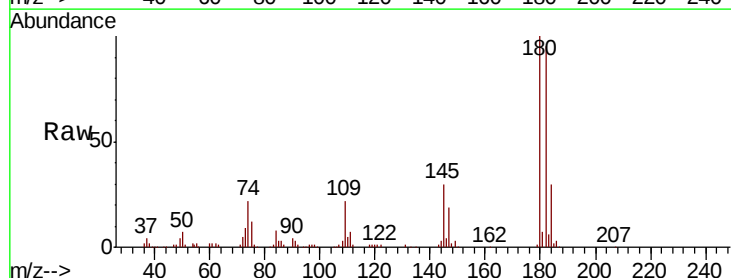
Tgt Ion:180 Resp: 139003

Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

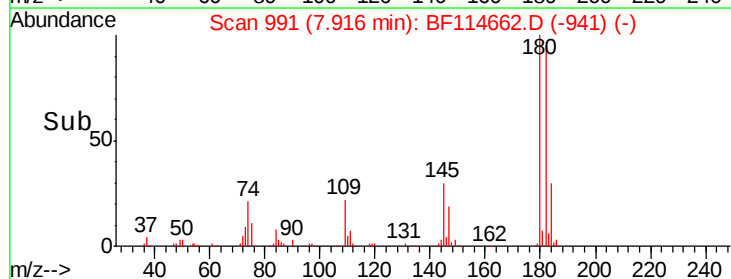
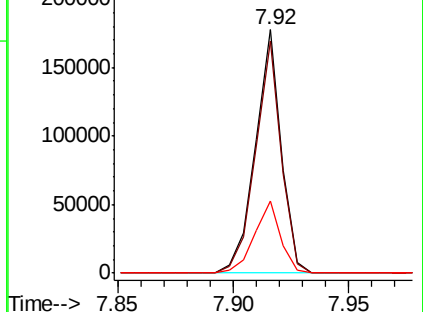
145 29.8 24.5 36.7

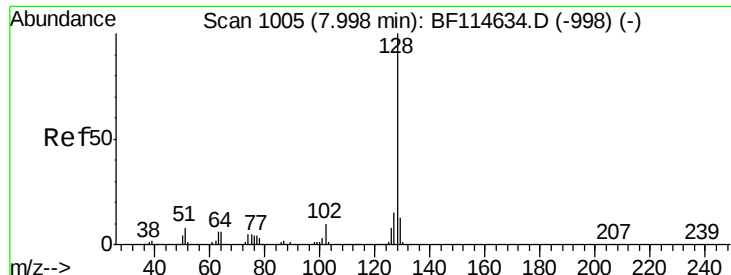


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

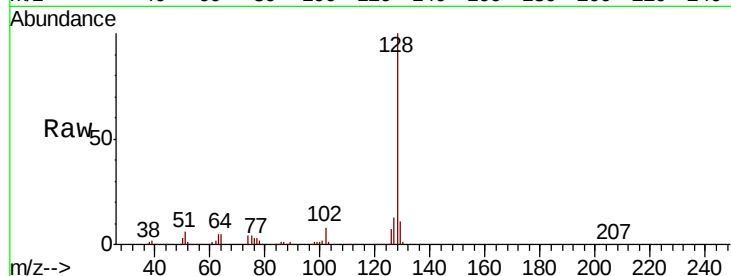




#31
Naphthalene
Concen: 6.235 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.2	15.2
127	13.2	11.9	17.9

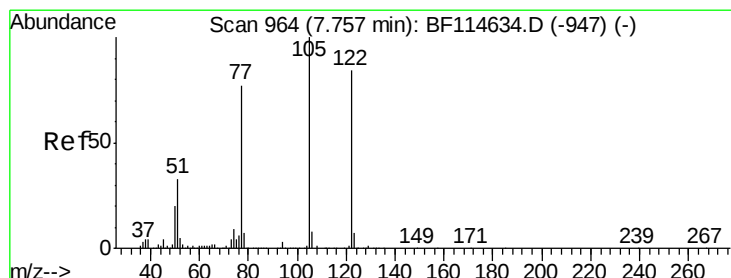
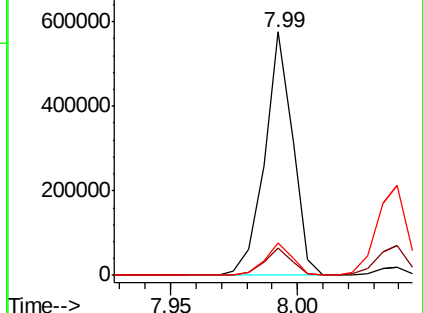
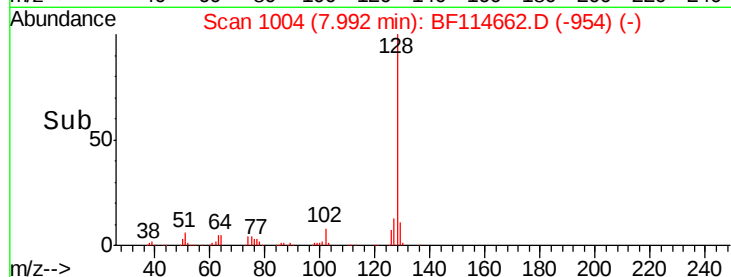


Abundance

Ion 128.00 (127.70 to 128.70): E

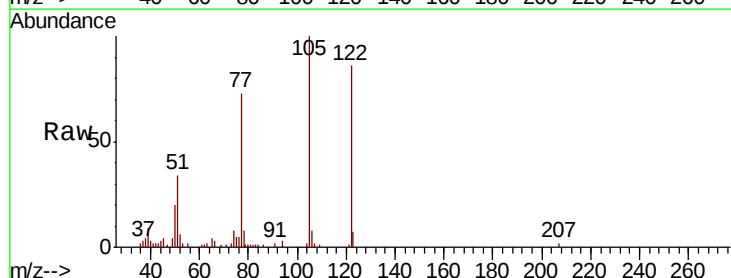
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 3.284 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	98.3	138.3
77	85.3	70.7	110.7

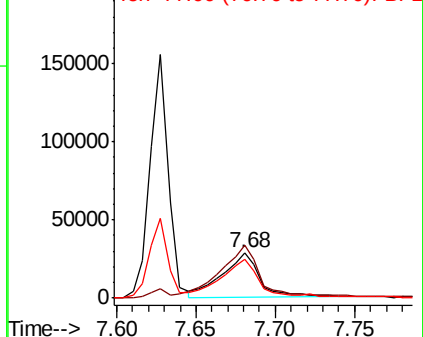
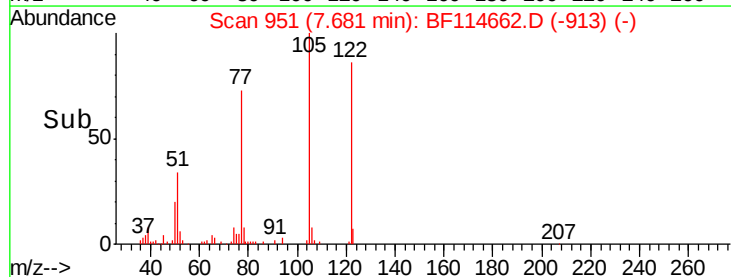


Abundance

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

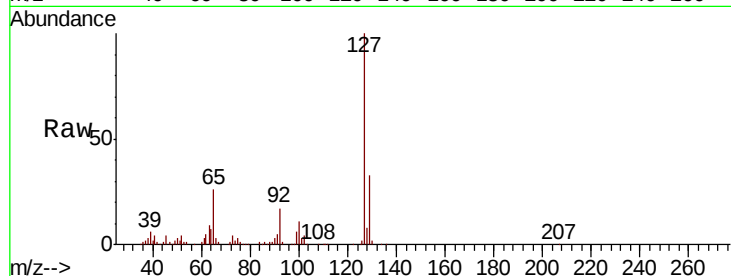




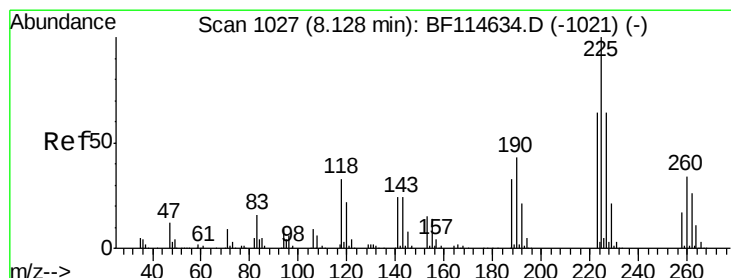
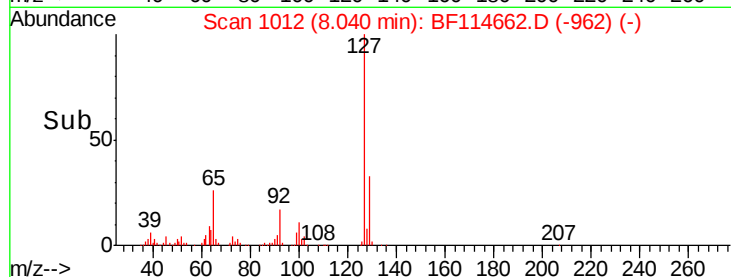
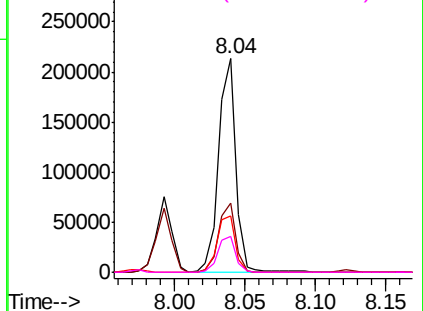
#33
 4-Chloroaniline
 Concen: 5.311 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion:	127	Resp:	181202
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	26.4	22.5	33.7
92	16.7	14.6	22.0

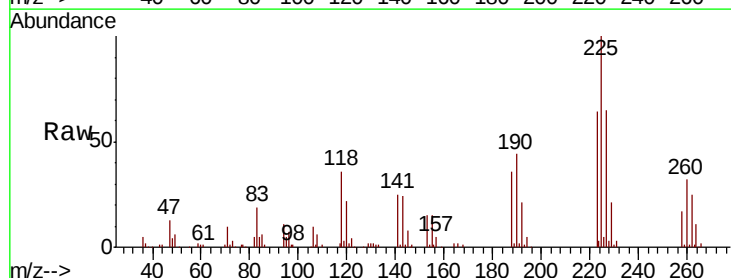


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

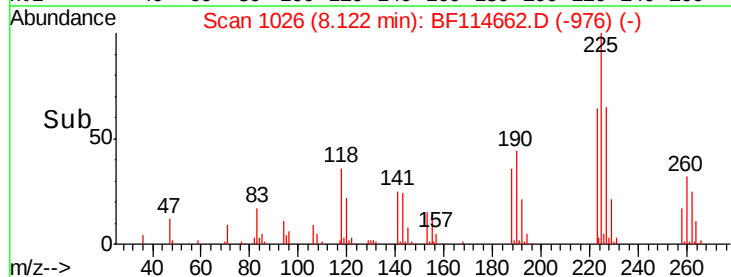
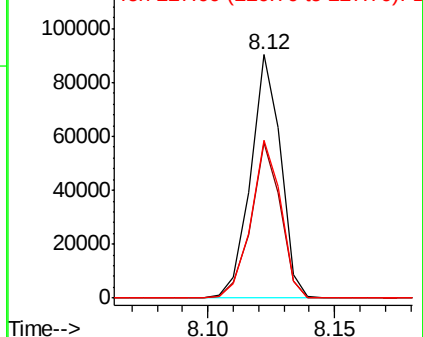


#34
 Hexachlorobutadiene
 Concen: 5.386 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:	225	Resp:	74366
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	64.6	51.3	76.9



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

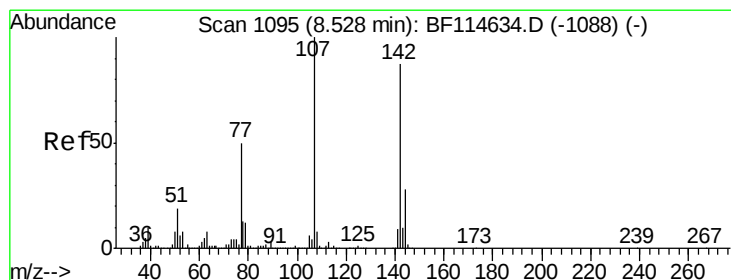
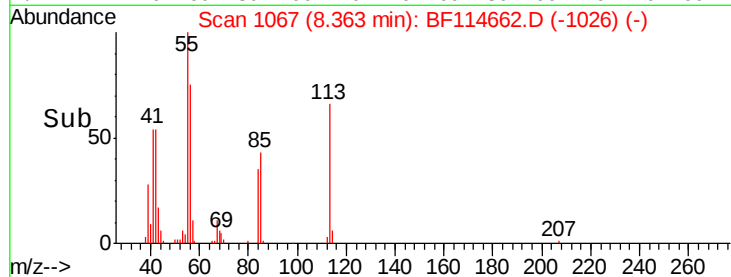
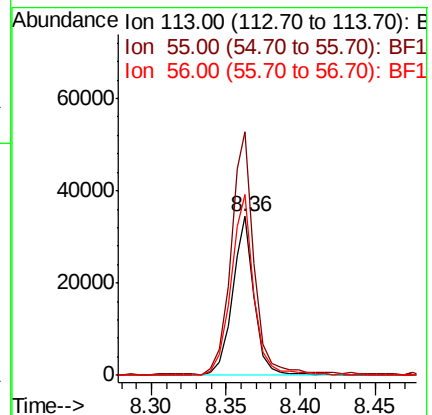
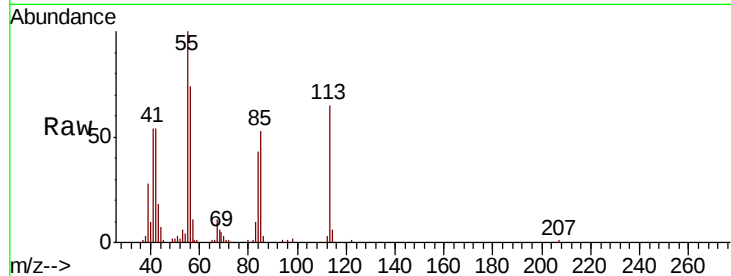




#35
 Caprolactam
 Concen: 4.767 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.06 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

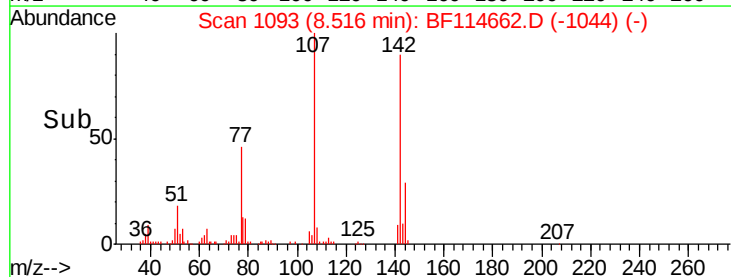
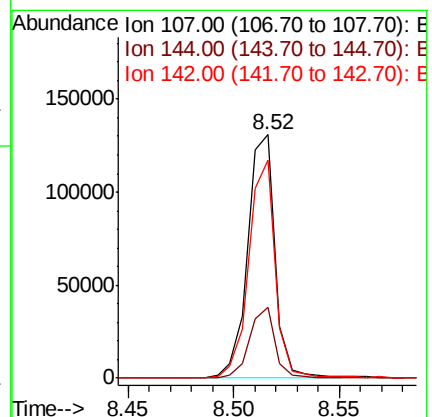
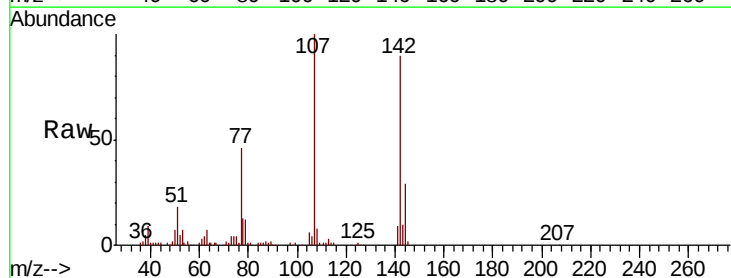
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

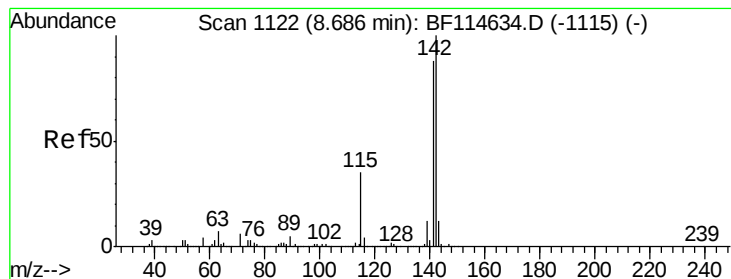
Tot Ion:113 Resp: 35093
 Ion Ratio Lower Upper
 113 100
 55 153.4 136.4 176.4
 56 114.1 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 5.378 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:107 Resp: 117661
 Ion Ratio Lower Upper
 107 100
 144 29.1 22.5 33.7
 142 89.7 69.8 104.6

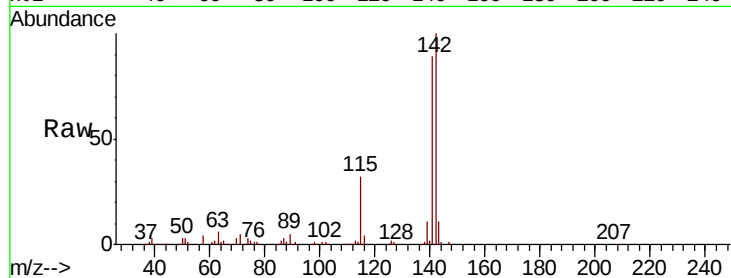




#37
2-Methylnaphthalene
Concen: 6.362 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	32.5	28.0	42.0

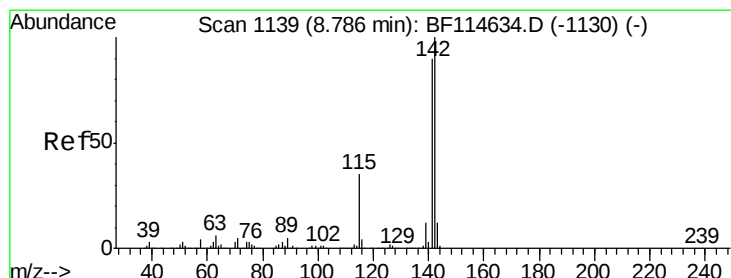
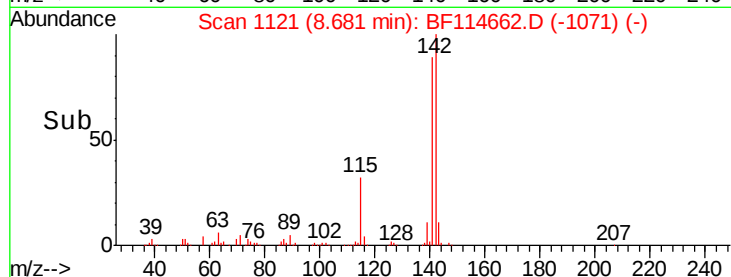
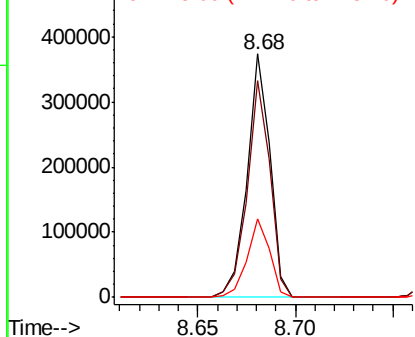


Abundance

Ion 142.00 (141.70 to 142.70): E

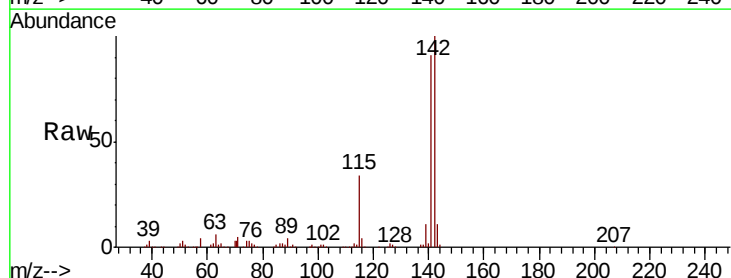
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 6.322 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	3.6	3.0	4.4

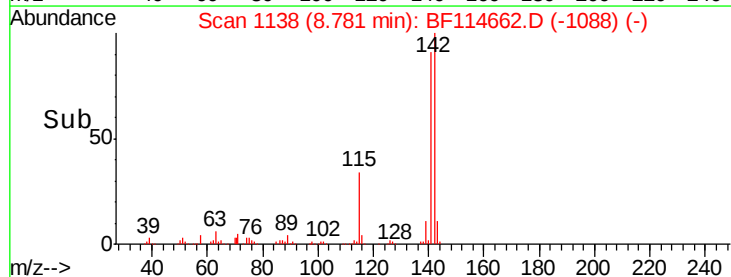
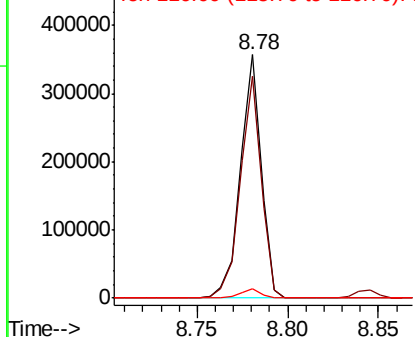


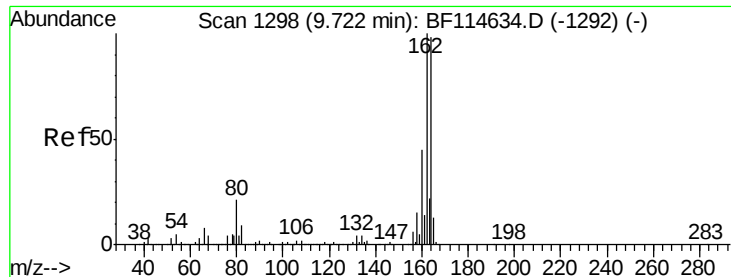
Abundance

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

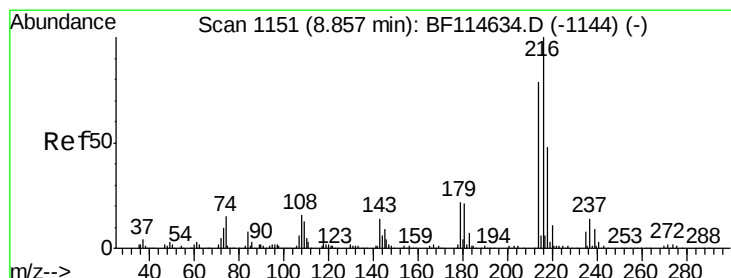
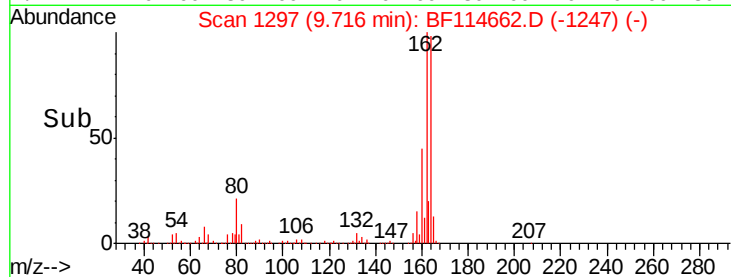
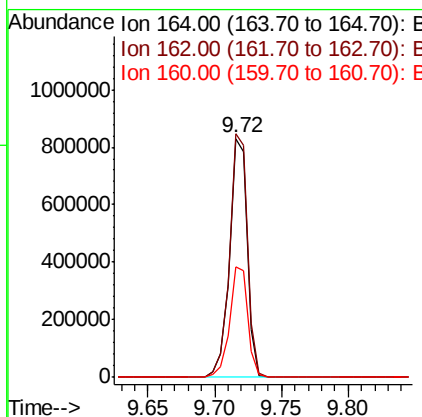
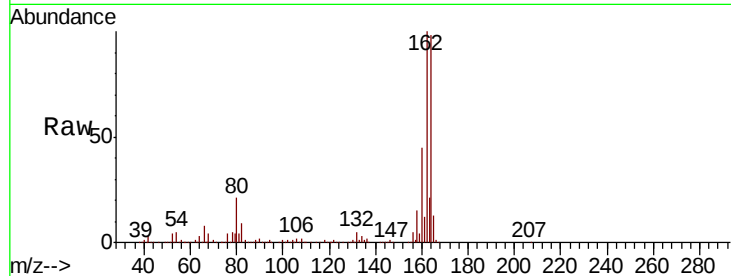




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

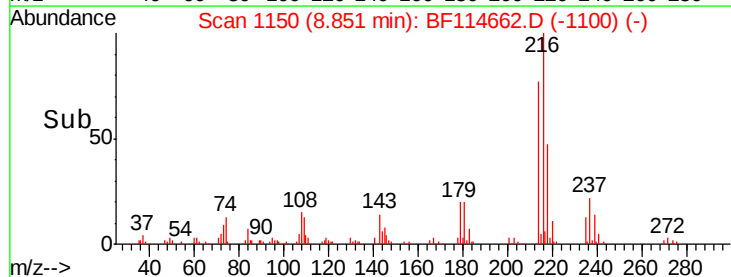
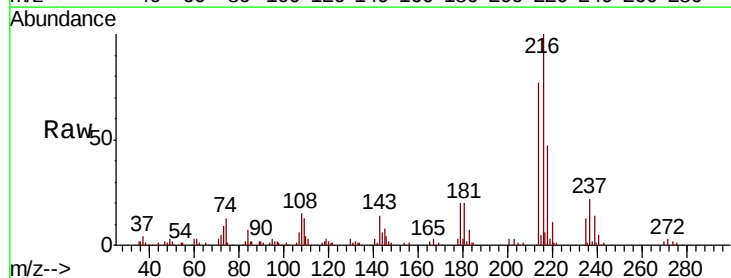
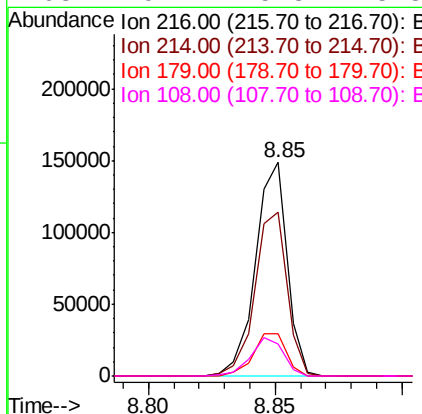
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

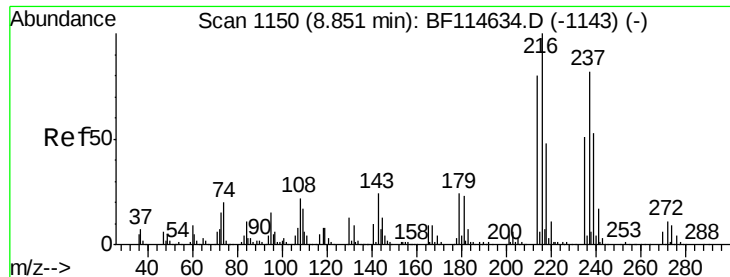
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	46.1	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.270 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.2	94.8
179	21.2	17.9	26.9
108	19.1	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 5.415 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

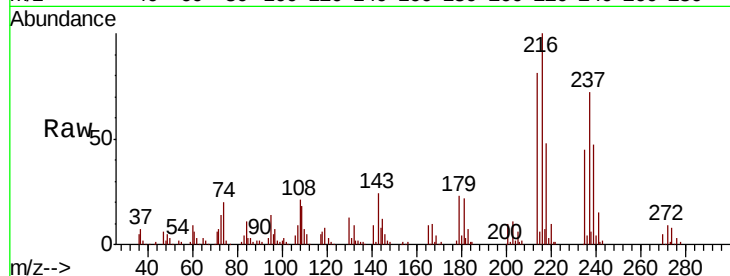
Tot Ion:237 Resp: 74388

Ion Ratio Lower Upper

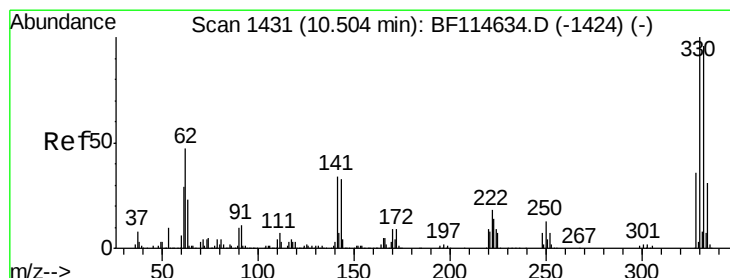
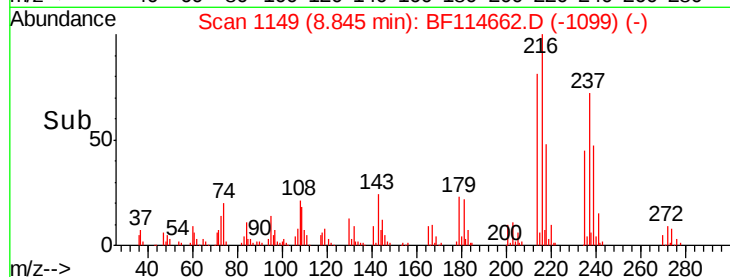
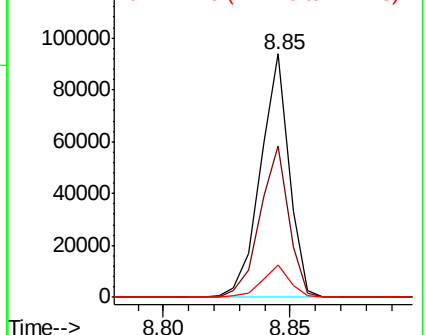
237 100

235 62.2 42.8 82.8

272 13.1 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: 141.789 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

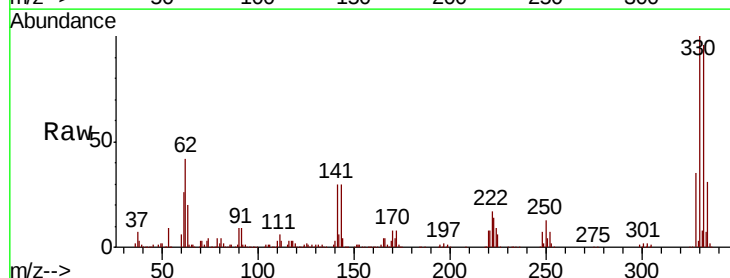
Tgt Ion:330 Resp: 1054535

Ion Ratio Lower Upper

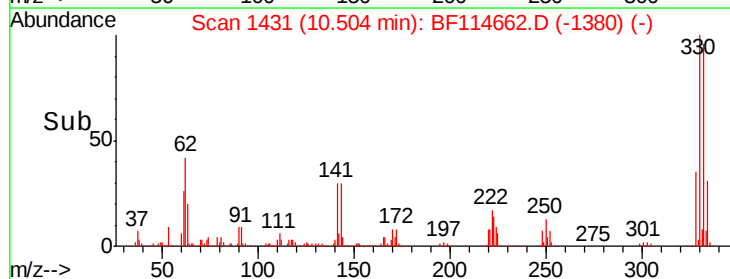
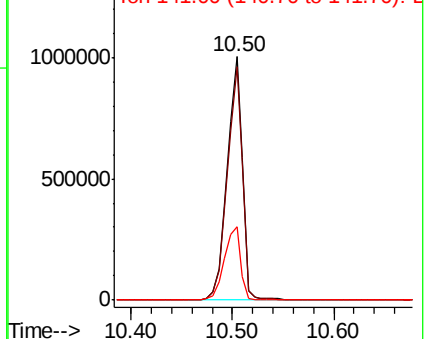
330 100

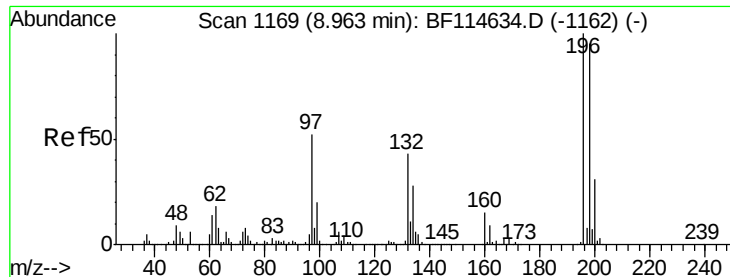
332 96.0 75.8 113.8

141 32.2 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

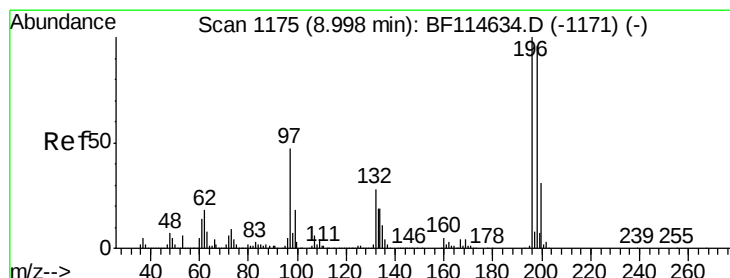
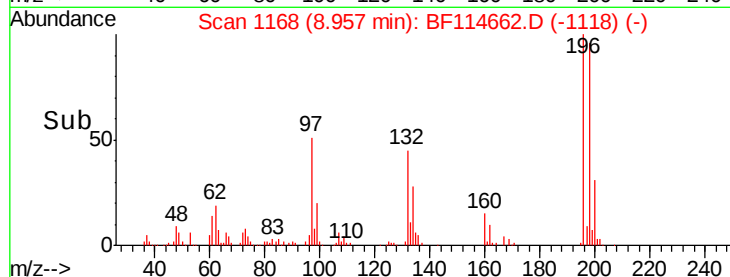
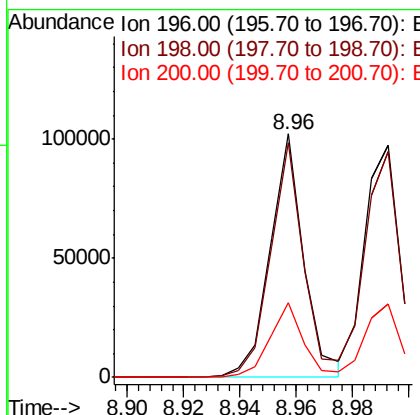
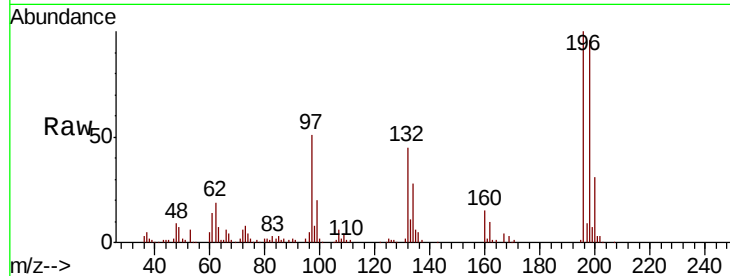




#43
 2,4,6-Trichlorophenol
 Concen: 5.162 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

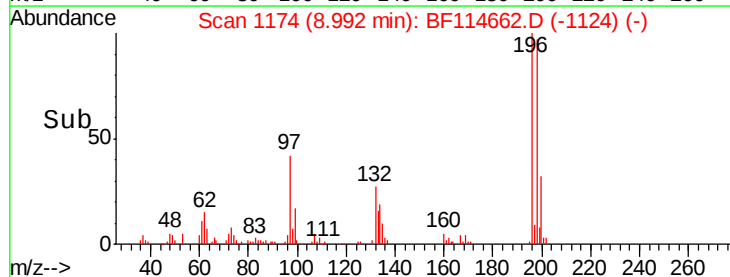
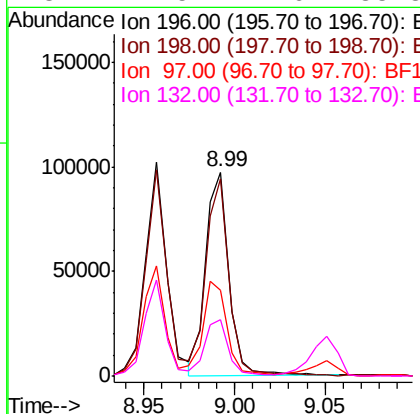
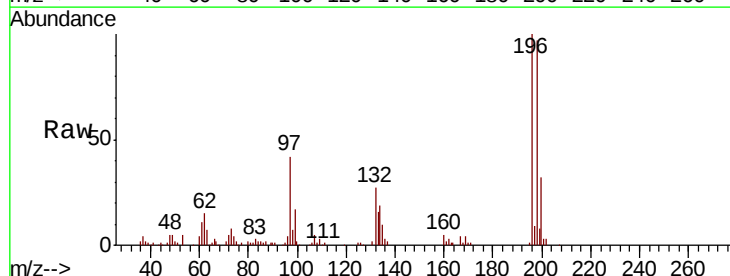
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

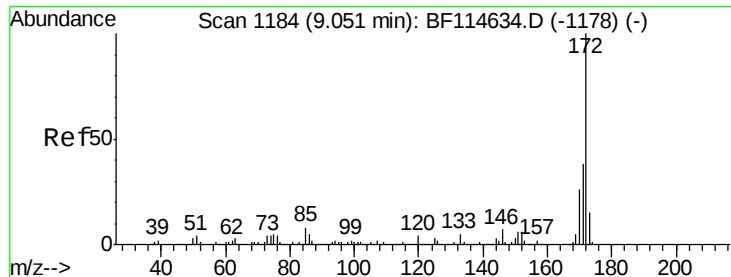
Tot Ion:196 Resp: 84422
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 200 30.5 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 5.346 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:196 Resp: 87248
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.8 115.2
 97 42.1 37.8 56.8
 132 27.5 22.6 33.8

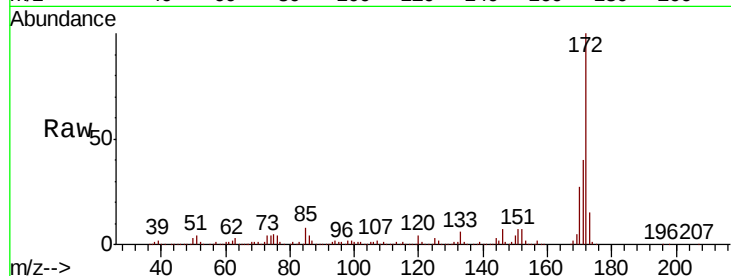




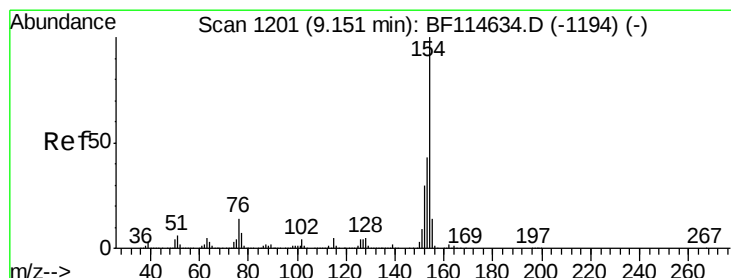
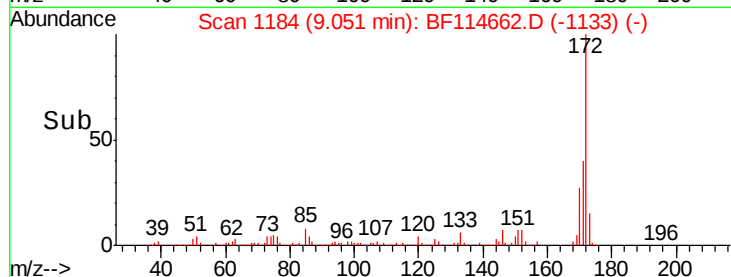
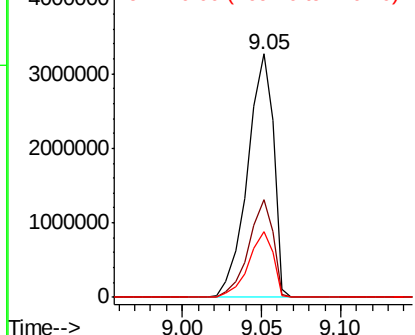
#45
2-Fluorobiphenyl
Concen: 79.040 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:172 Resp: 3713466
Ion Ratio Lower Upper
172 100
171 40.1 30.6 45.8
170 27.1 20.7 31.1

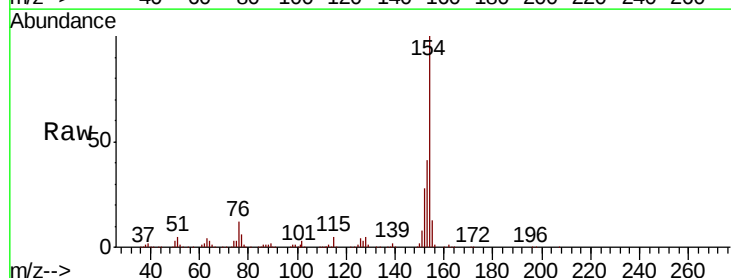


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

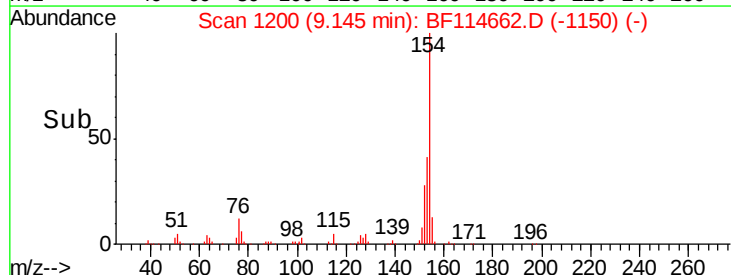
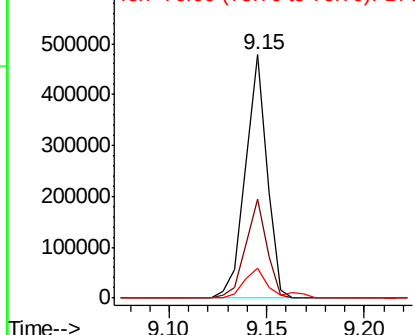


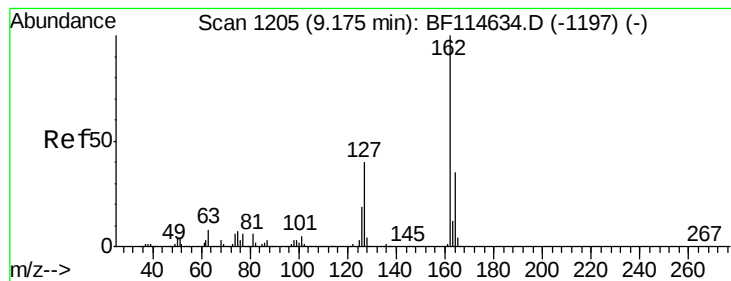
#46
1,1'-Biphenyl
Concen: 6.365 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:154 Resp: 368812
Ion Ratio Lower Upper
154 100
153 40.5 23.0 63.0
76 12.2 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: 5.912 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

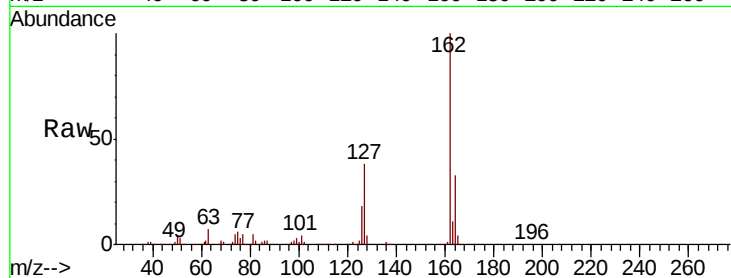
Tot Ion:162 Resp: 280979

Ion Ratio Lower Upper

162 100

127 37.8 32.2 48.2

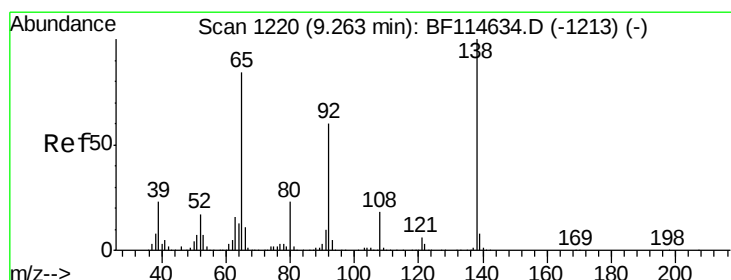
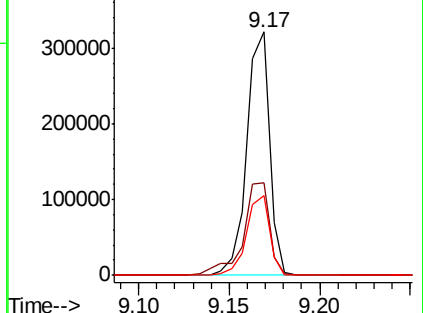
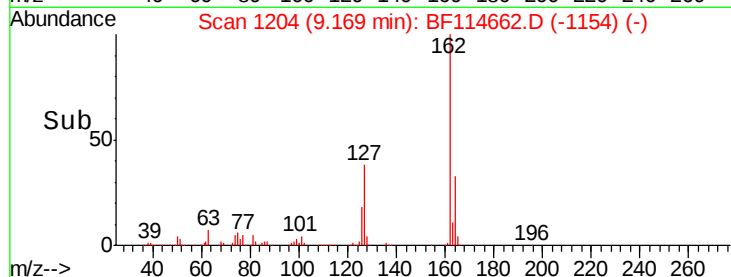
164 32.8 27.8 41.6



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: 4.553 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

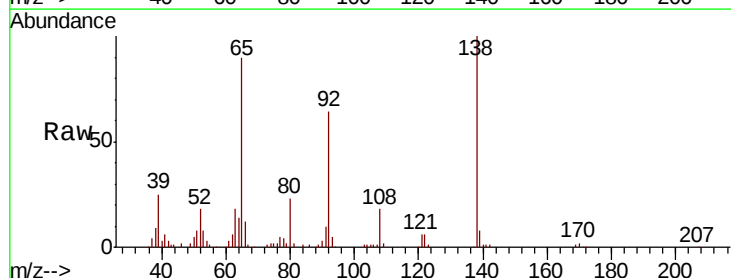
Tgt Ion: 65 Resp: 66782

Ion Ratio Lower Upper

65 100

92 71.0 57.1 85.7

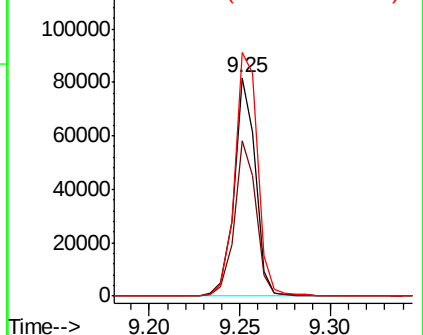
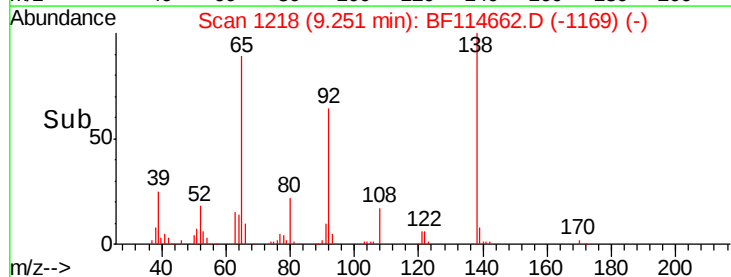
138 111.6 95.8 143.6

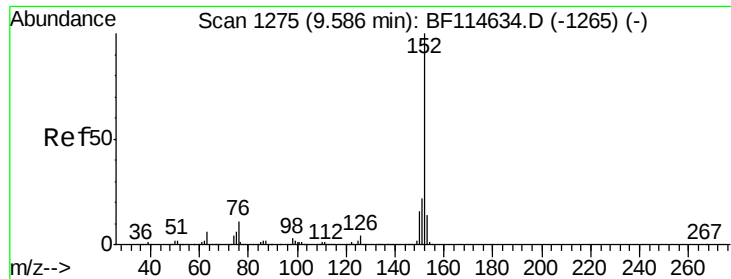


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 6.100 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

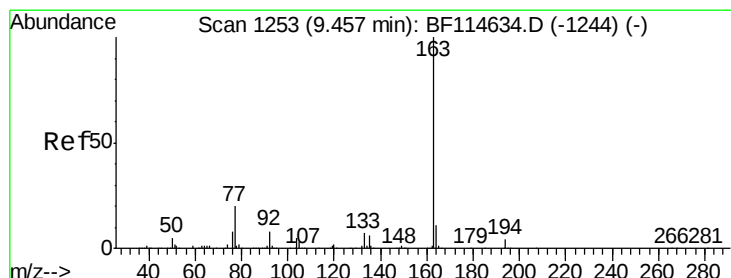
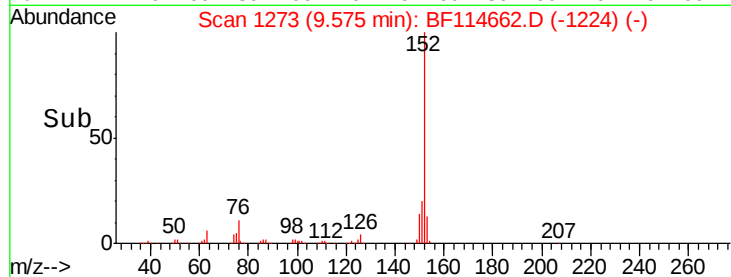
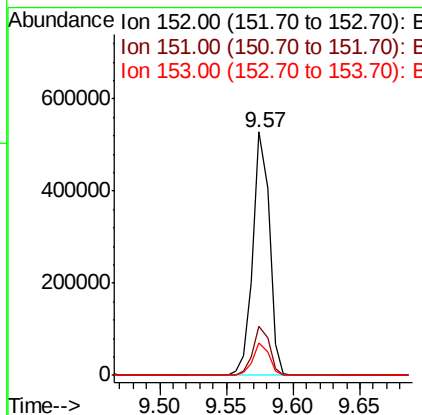
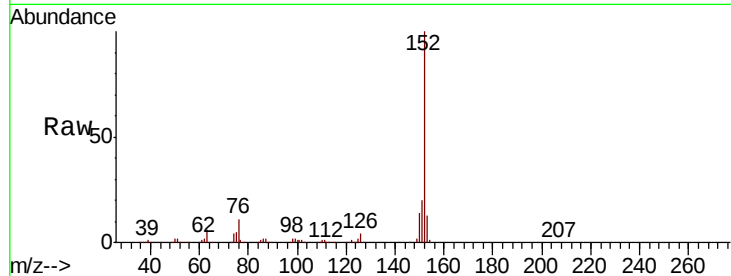
Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	152	Resp:	447907
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.5	26.3
153	13.2	11.6	17.4



#50

Dimethylphthalate

Concen: 5.848 ng

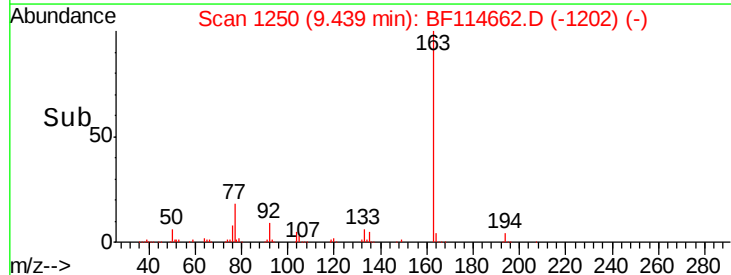
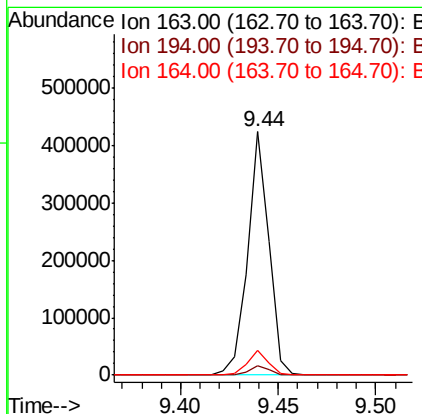
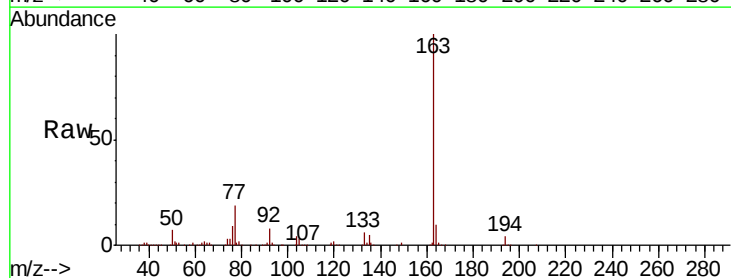
RT: 9.44 min Scan# 1250

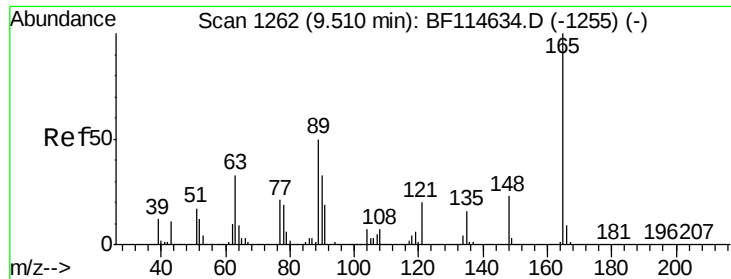
Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion:	163	Resp:	318067
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.3	8.6	13.0

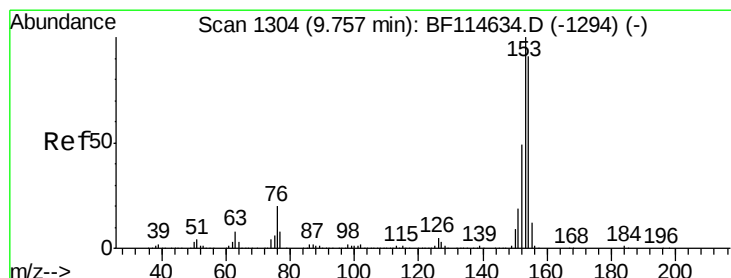
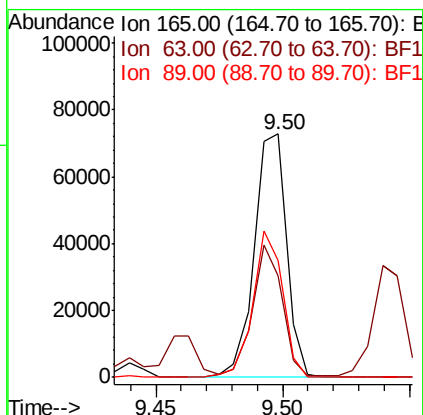
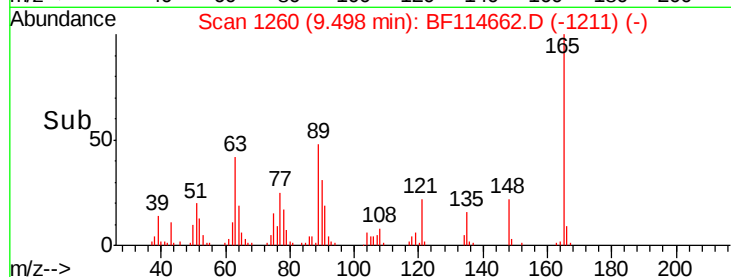
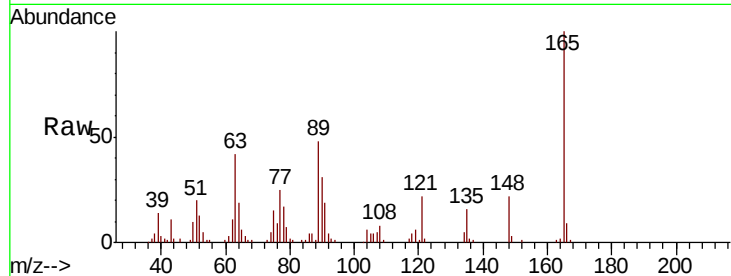




#51
2,6-Dinitrotoluene
Concen: 5.169 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

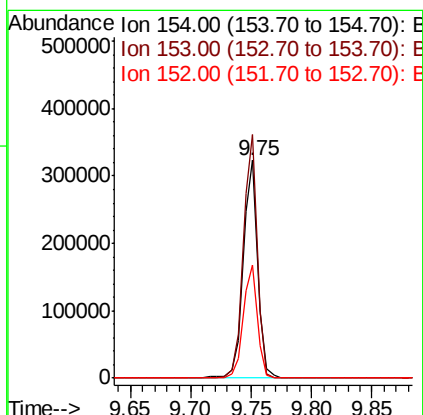
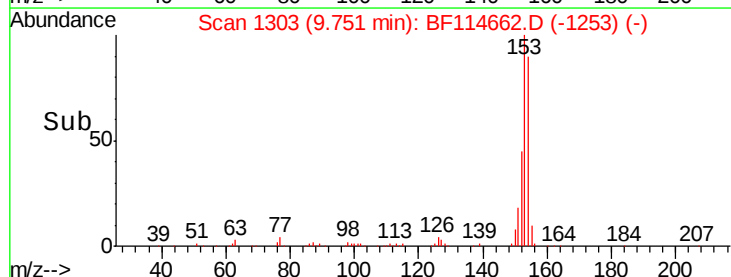
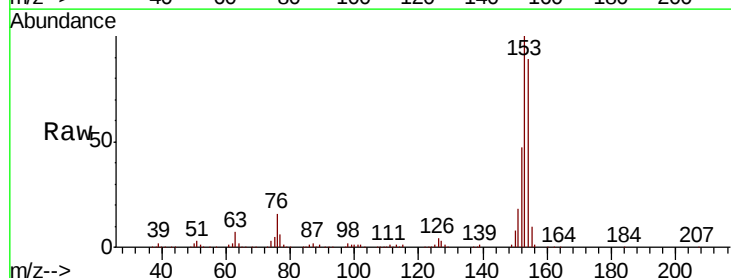
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

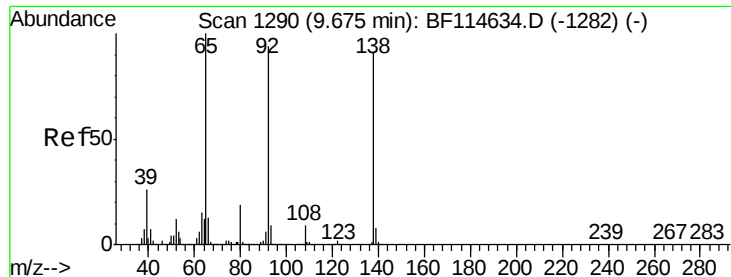
Tot Ion:165 Resp: 65332
Ion Ratio Lower Upper
165 100
63 41.7 36.6 54.8
89 48.1 40.2 60.4



#52
Acenaphthene
Concen: 6.023 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:154 Resp: 271239
Ion Ratio Lower Upper
154 100
153 111.8 88.4 132.6
152 52.0 43.4 65.0

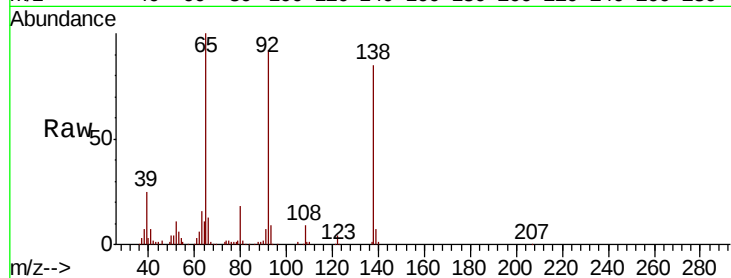




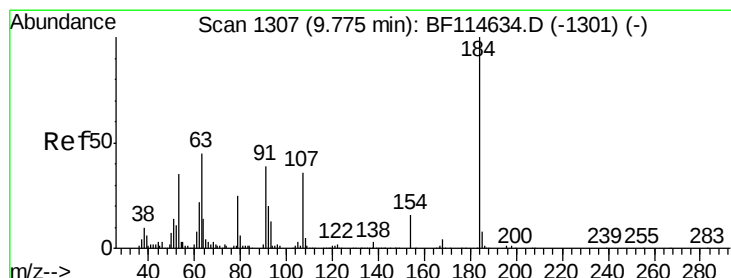
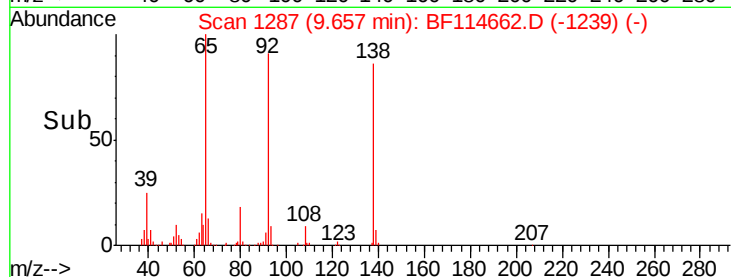
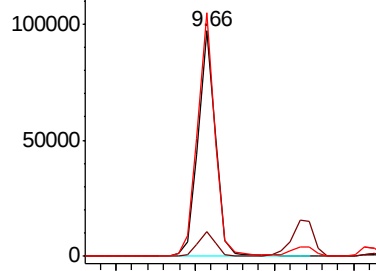
#53
3-Nitroaniline
Concen: 4.816 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:138 Resp: 74492
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 108.0 83.1 124.7

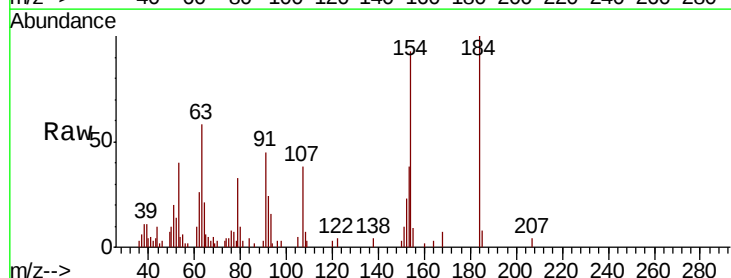


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

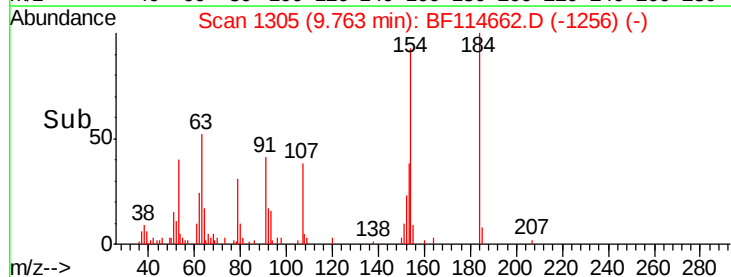
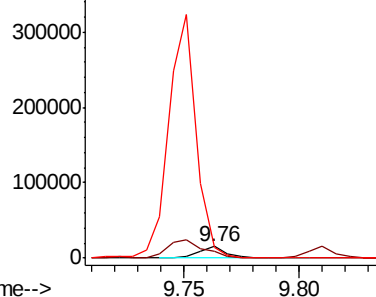


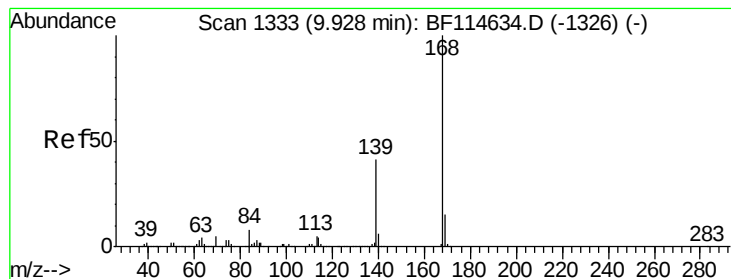
#54
2,4-Dinitrophenol
Concen: 2.491 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:184 Resp: 12420
Ion Ratio Lower Upper
184 100
63 57.7 38.8 58.2
154 92.5 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

Dibenzenofuran

Concen: 6.148 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

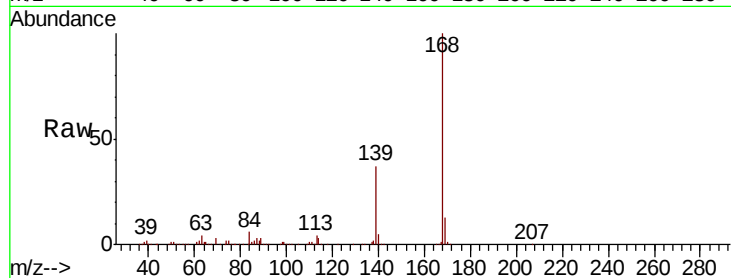
Tot Ion:168 Resp: 394088

Ion Ratio Lower Upper

168 100

139 36.7 32.6 48.8

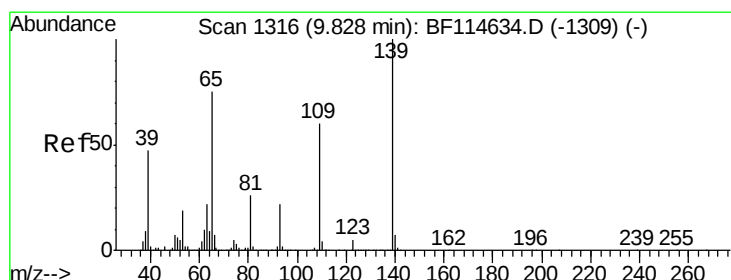
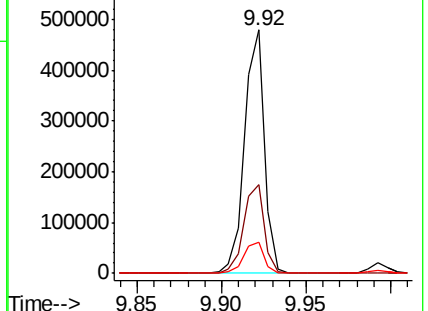
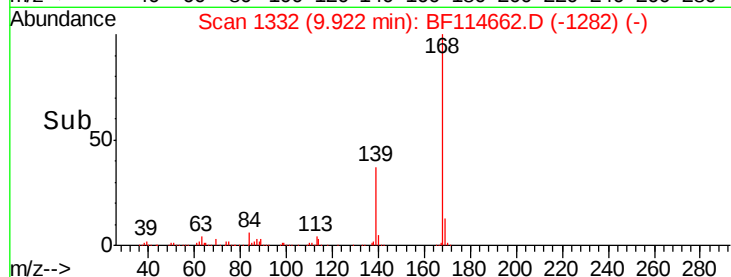
169 12.9 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 4.360 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

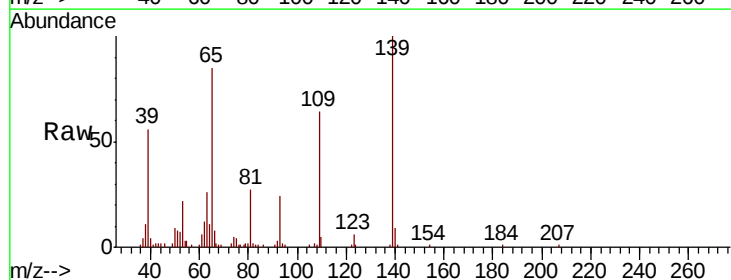
Tgt Ion:139 Resp: 49980

Ion Ratio Lower Upper

139 100

109 64.0 40.4 80.4

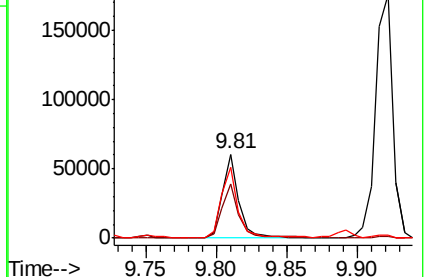
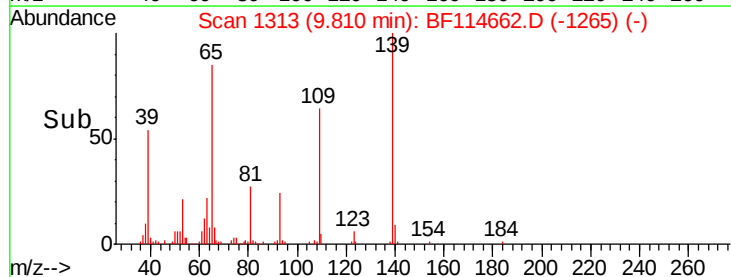
65 84.5 54.7 94.7

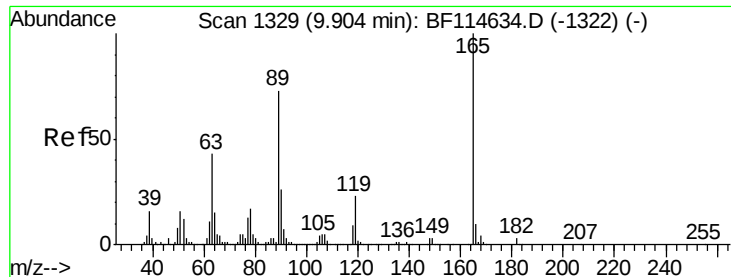


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

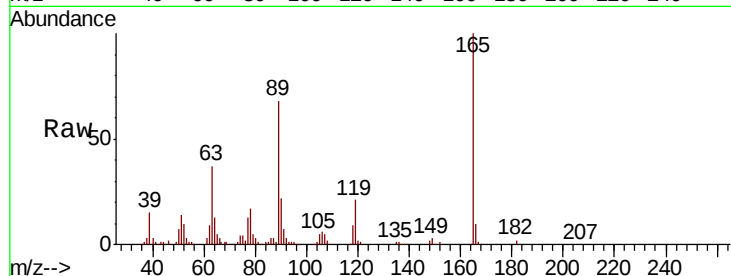




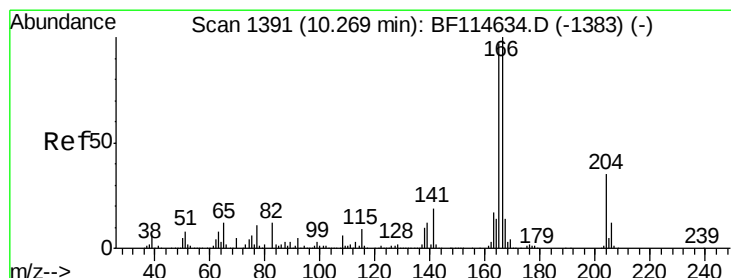
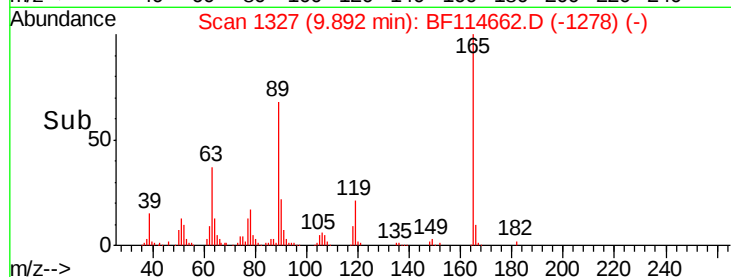
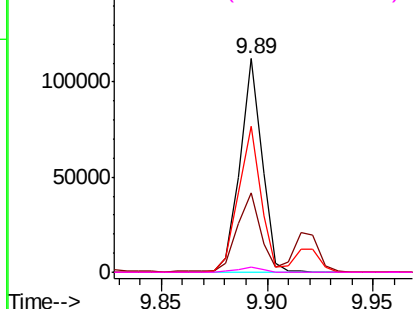
#57
2,4-Dinitrotoluene
Concen: 4.972 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:	165	Resp:	80651
Ion	Ratio	Lower	Upper
165	100		
63	37.0	34.8	52.2
89	68.4	58.5	87.7
182	2.3	2.2	3.2

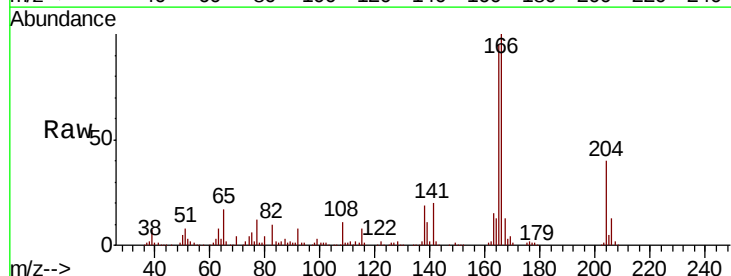


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

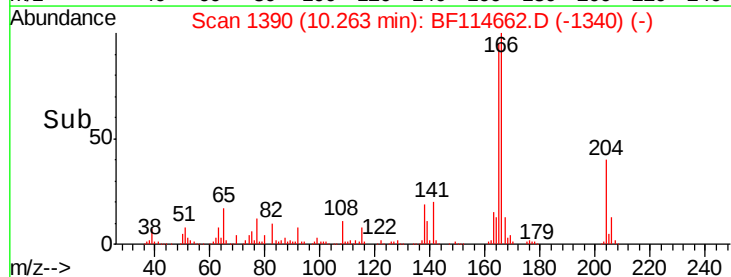
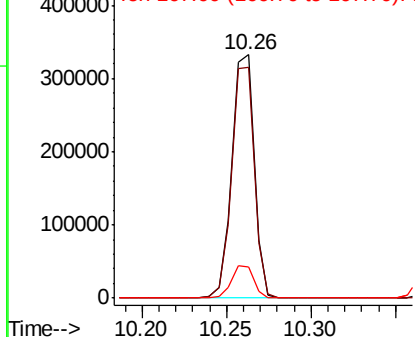


#58
Fluorene
Concen: 7.051 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:	166	Resp:	305163
Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.6	116.4
167	13.0	11.2	16.8



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

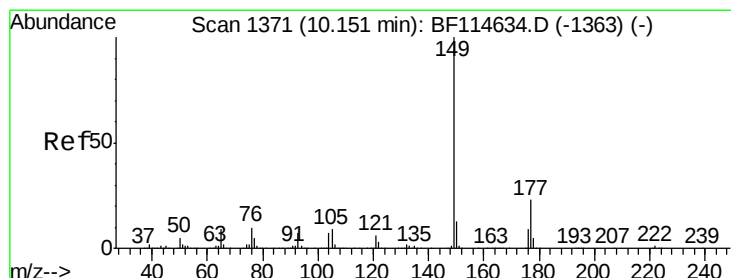
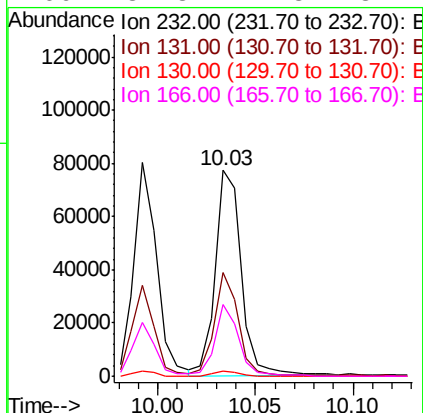
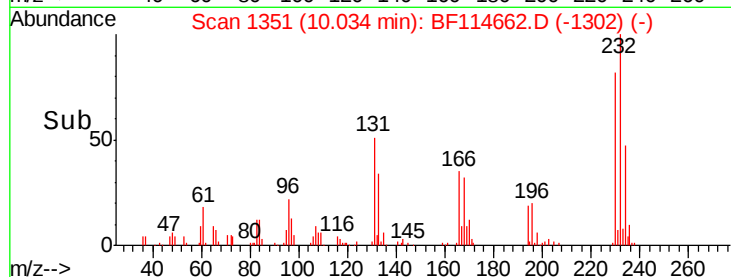
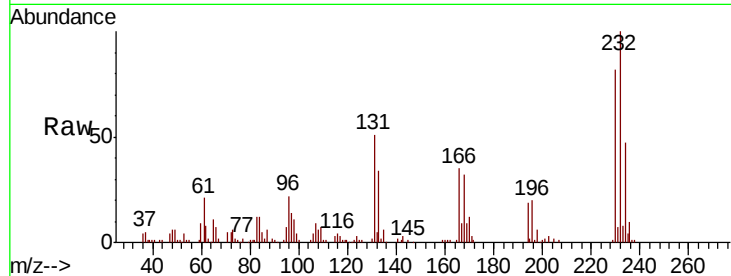




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.329 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

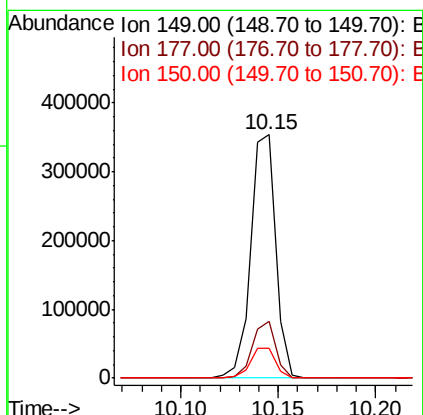
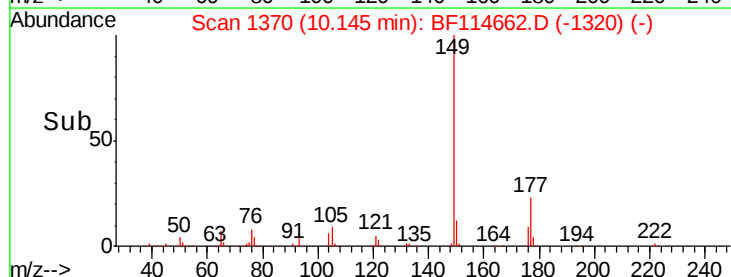
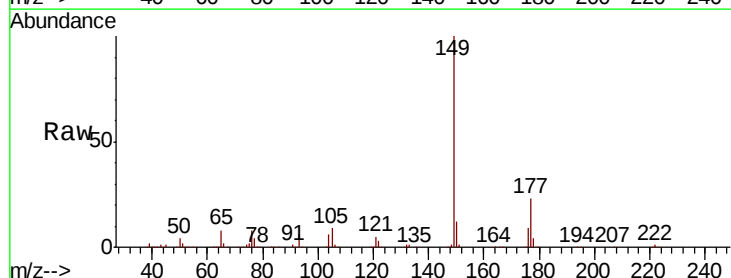
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

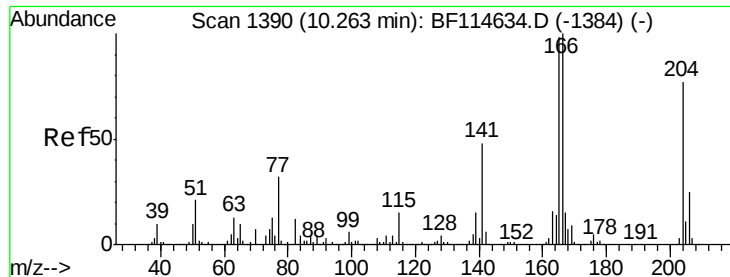
Tot Ion:232	Resp:	71188
Ion Ratio	Lower	Upper
232 100		
131 48.6	37.2	55.8
130 2.4	1.8	2.8
166 32.3	24.8	37.2



#60
Diethylphthalate
Concen: 5.661 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt	Ion:149	Resp:	314461
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	12.0	10.6	15.8

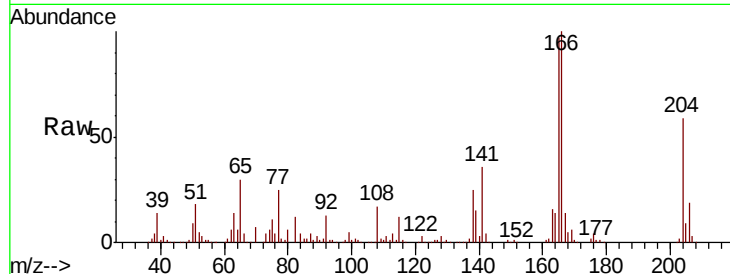




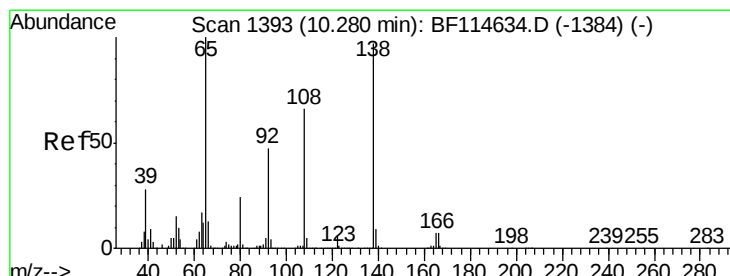
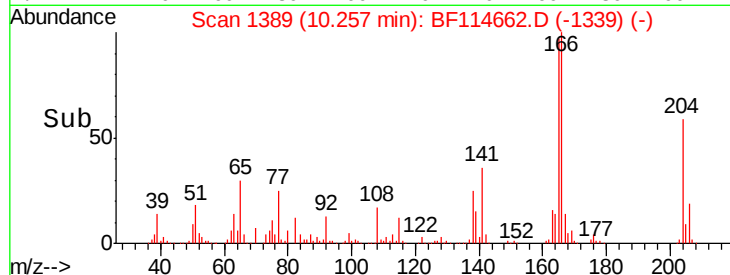
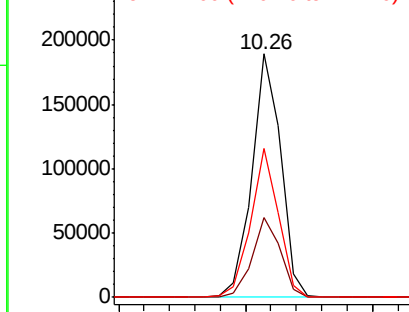
#61
 4-Chlorophenyl-phenylether
 Concen: 6.916 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	61.0	50.0	75.0

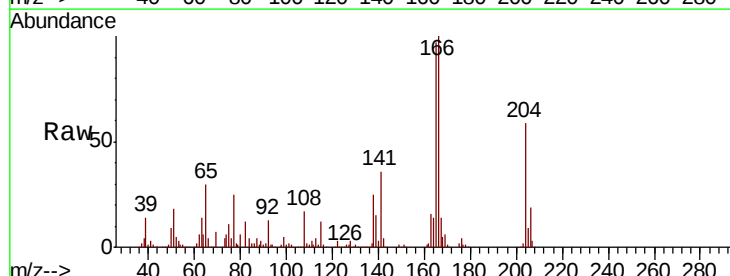


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

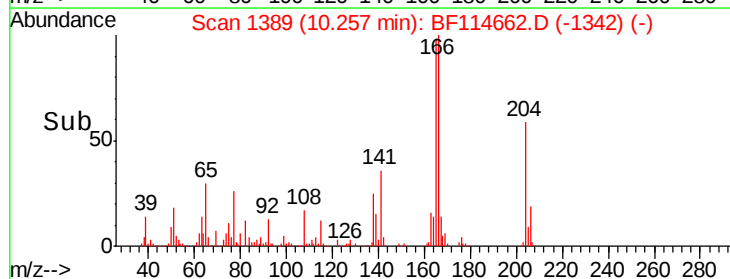
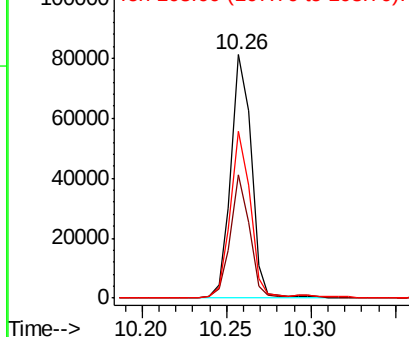


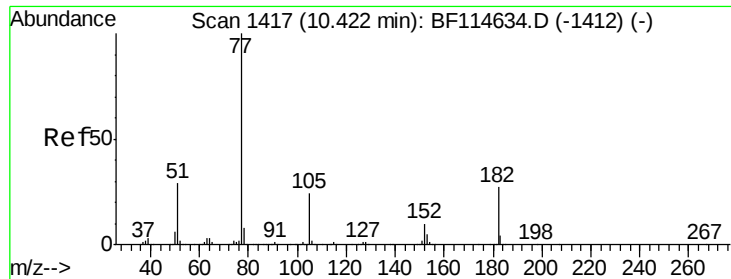
#62
 4-Nitroaniline
 Concen: 4.551 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	28.0	68.0
108	68.6	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

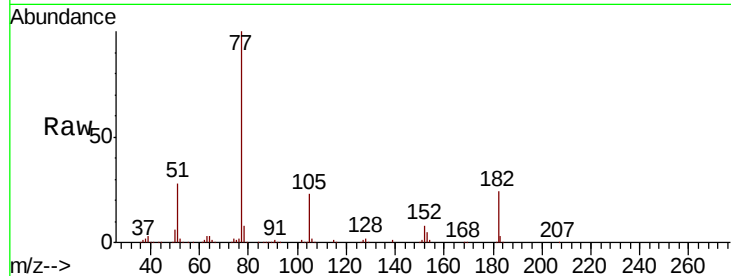




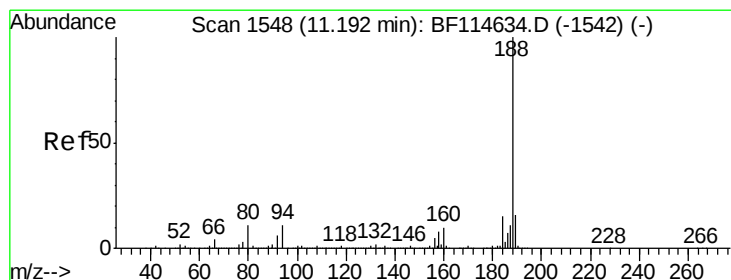
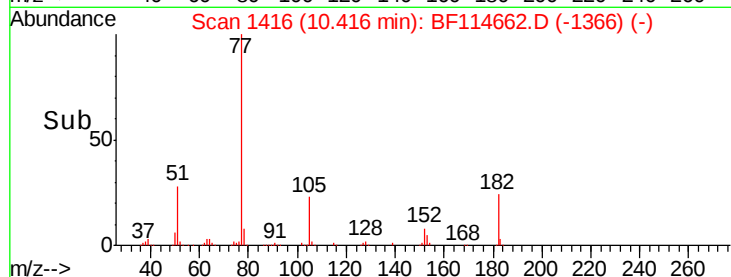
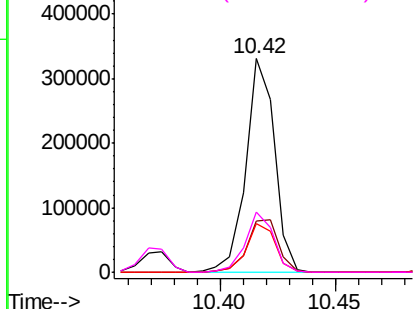
#63
Azobenzene
Concen: 5.650 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:	77	Resp:	288164
Ion	Ratio	Lower	Upper
77	100		
182	24.0	7.0	47.0
105	22.8	3.7	43.7
51	28.2	9.1	49.1

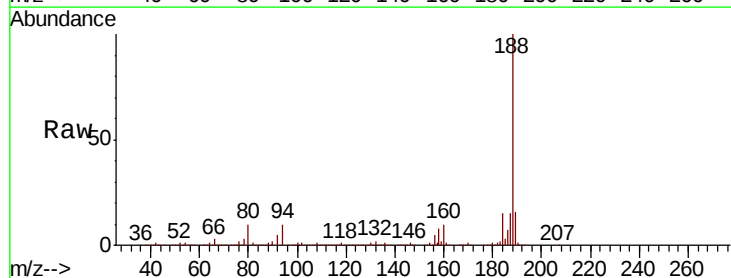


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

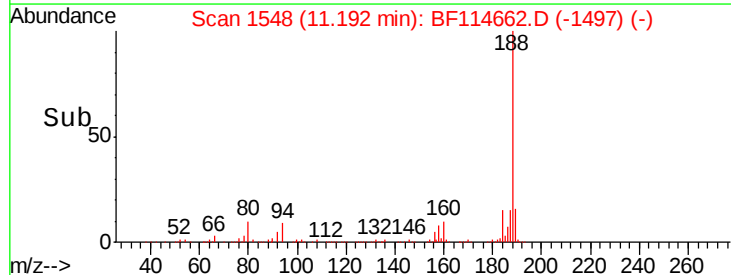
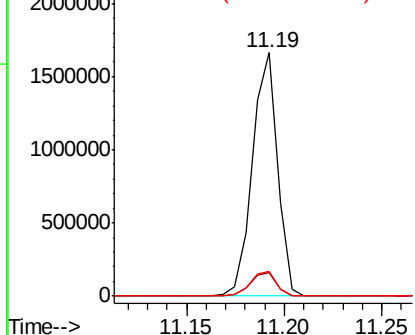


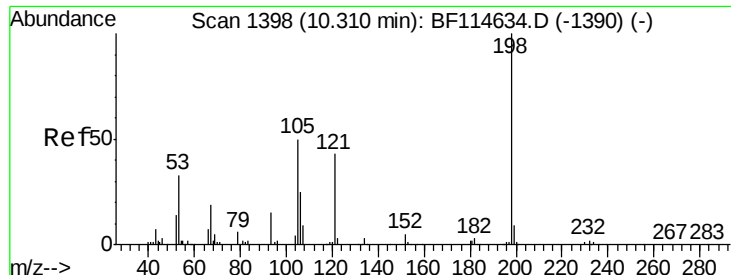
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:	188	Resp:	1480539
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.1	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

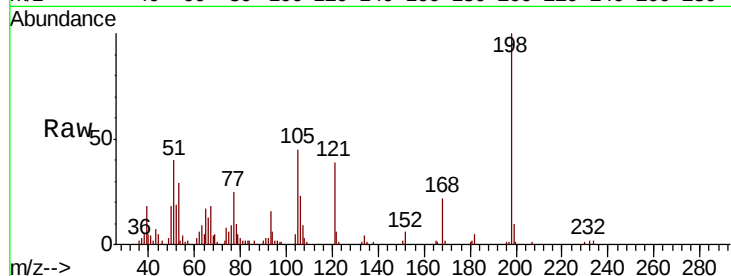




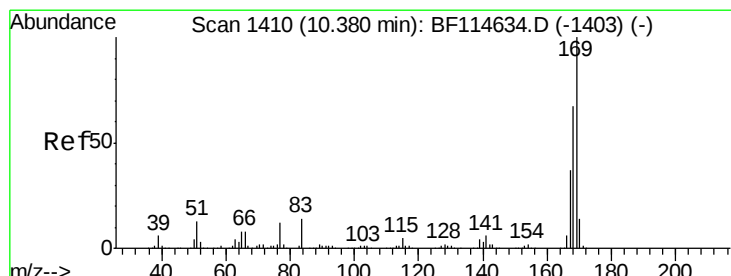
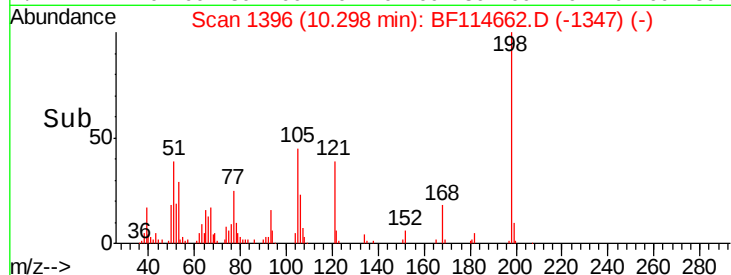
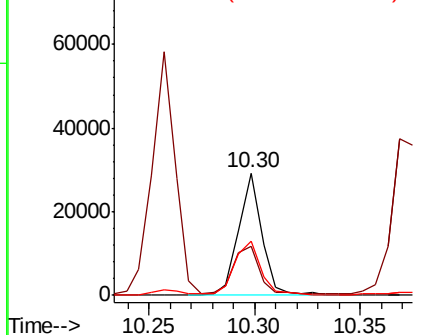
#65
4,6-Dinitro-2-methylphenol
Concen: 3.407 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:198 Resp: 22368
Ion Ratio Lower Upper
198 100
51 40.0 29.0 69.0
105 44.8 30.4 70.4

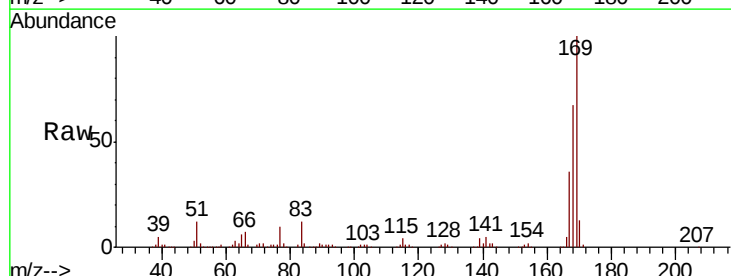


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

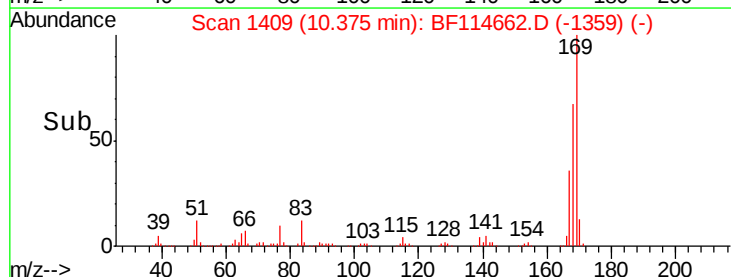
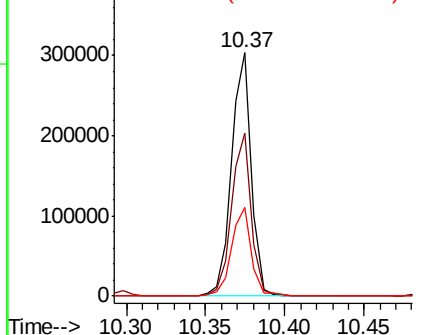


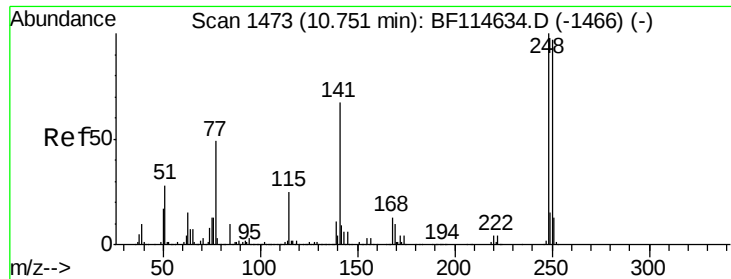
#66
n-Nitrosodiphenylamine
Concen: 5.991 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:169 Resp: 262079
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.2 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

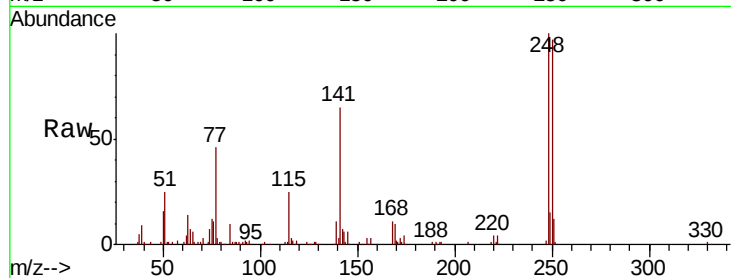




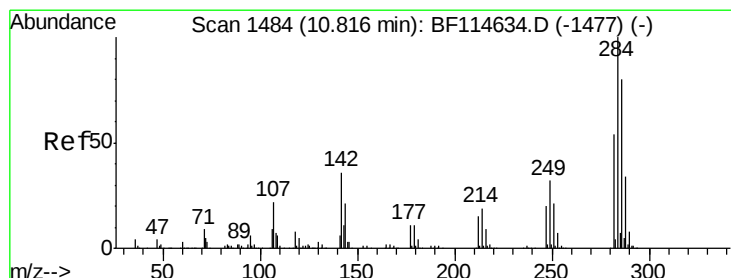
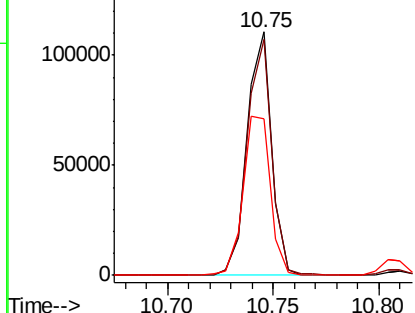
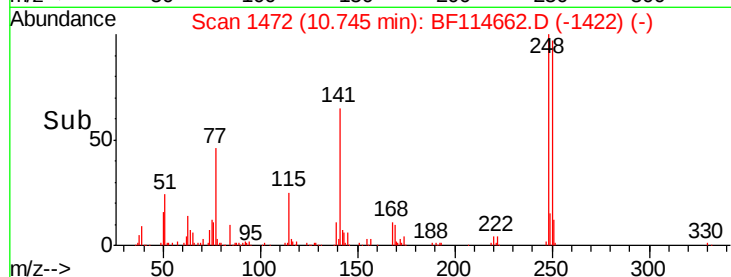
#67
4-Bromophenyl-phenylether
Concen: 5.628 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:248 Resp: 89347
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 64.6 53.8 80.8

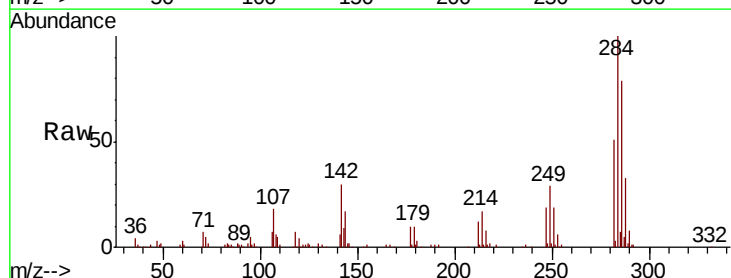


Abundance Ion 248.00 (247.70 to 248.70): E
150000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

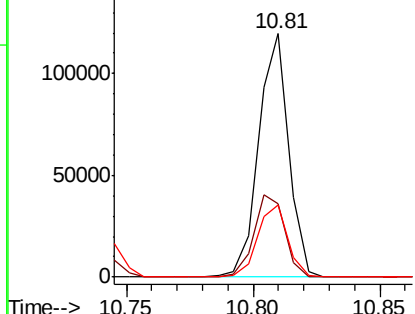
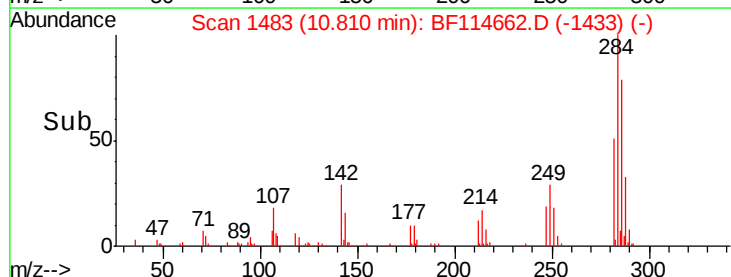


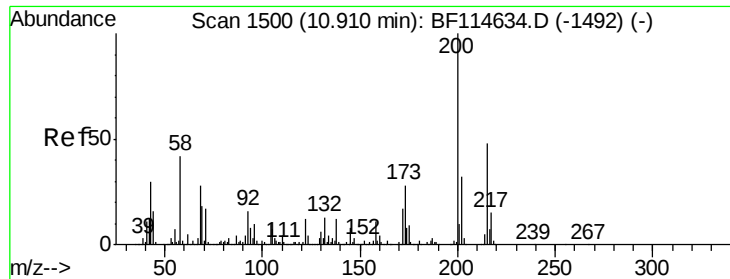
#68
Hexachlorobenzene
Concen: 5.709 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:284 Resp: 98180
Ion Ratio Lower Upper
284 100
142 30.2 28.9 43.3
249 29.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
150000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

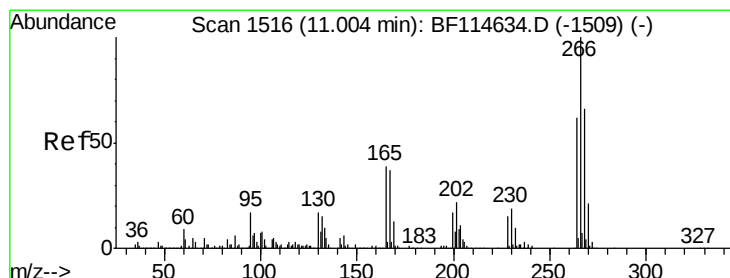
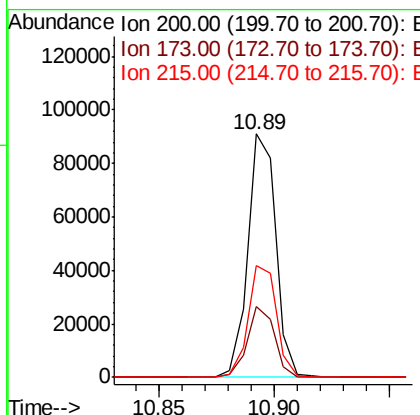
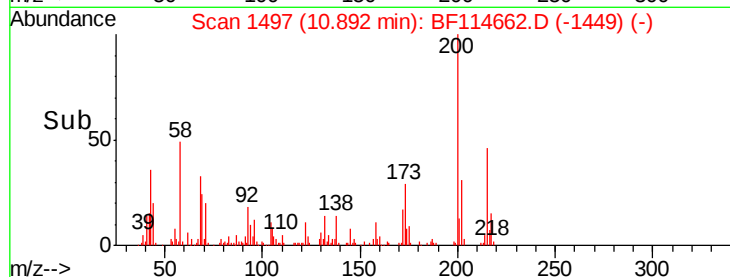
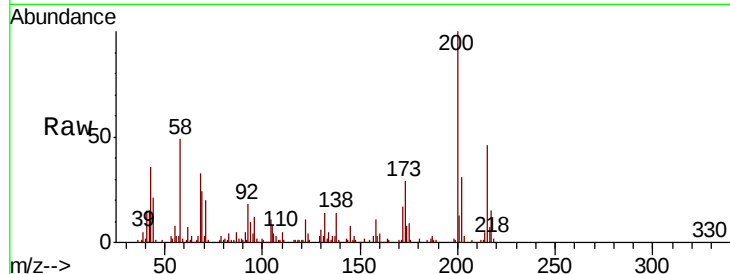




#69
Atrazine
Concen: 5.607 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

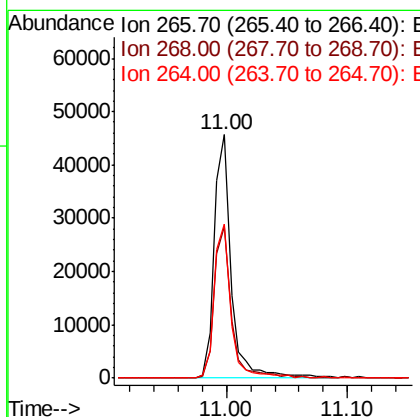
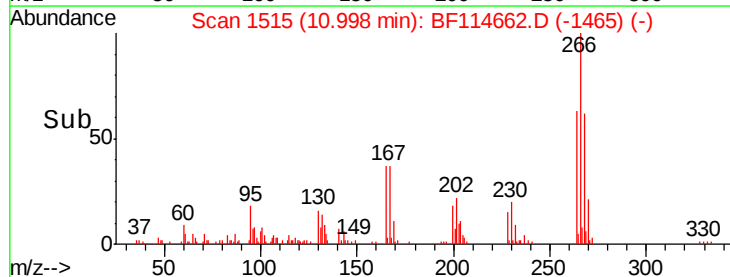
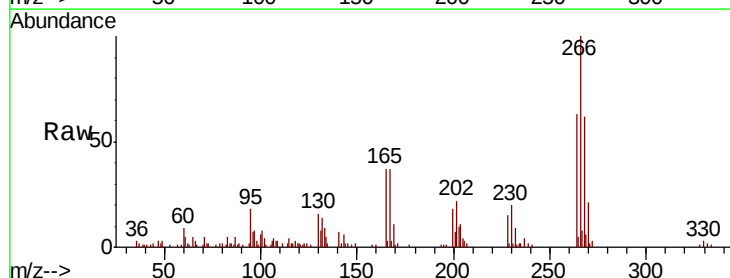
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

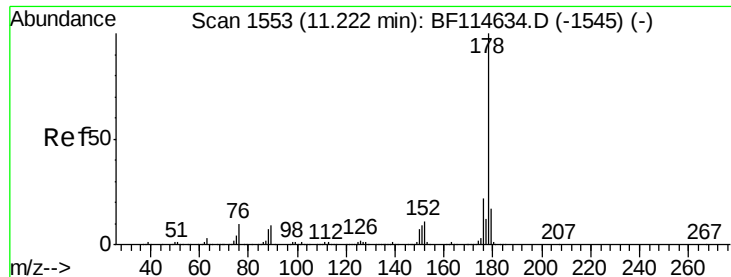
Tot Ion:200 Resp: 77281
Ion Ratio Lower Upper
200 100
173 29.3 7.9 47.9
215 46.1 27.8 67.8



#70
Pentachlorophenol
Concen: 4.423 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:266 Resp: 43844
Ion Ratio Lower Upper
266 100
268 62.0 52.8 79.2
264 63.2 49.9 74.9

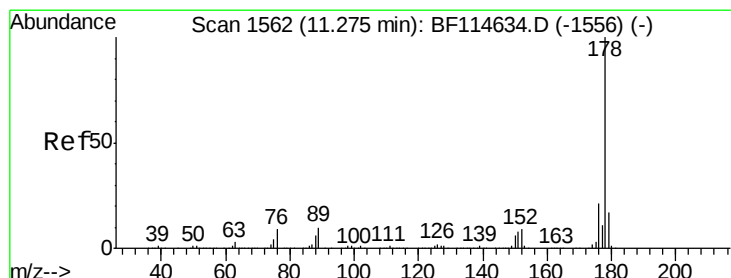
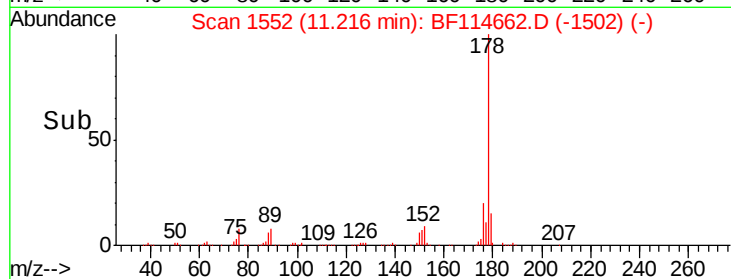
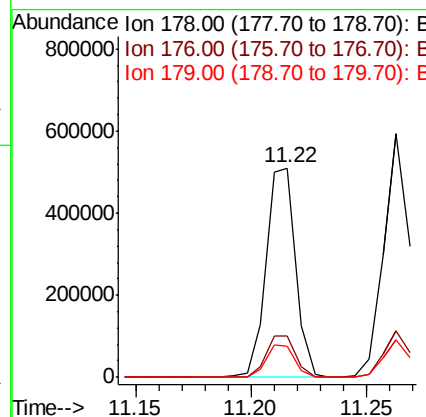
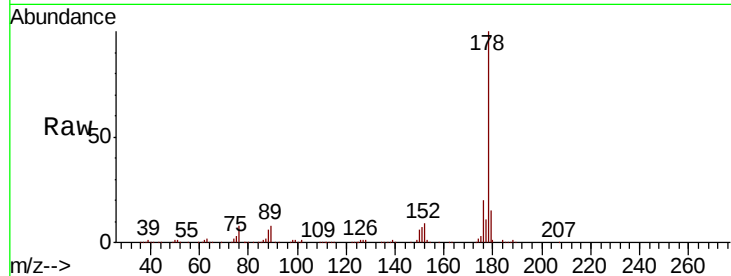




#71
Phenanthrene
Concen: 6.046 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

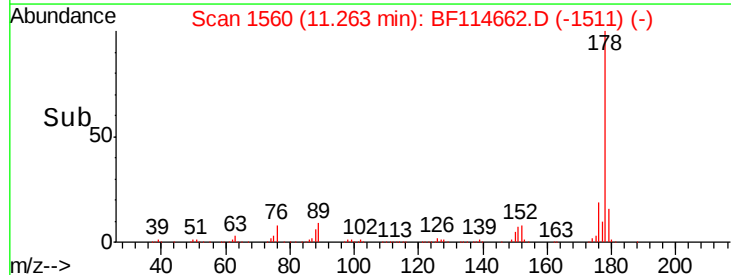
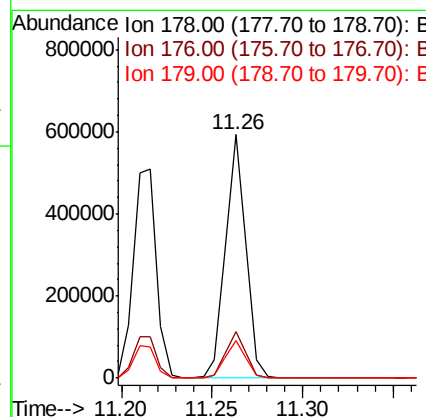
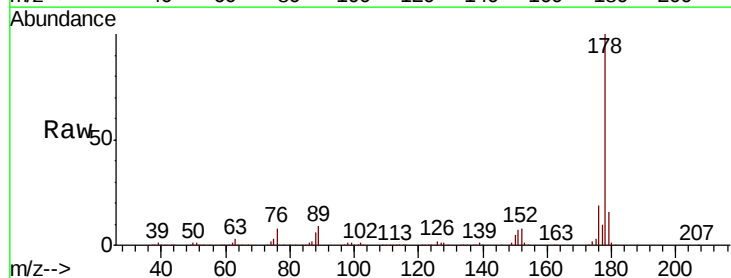
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

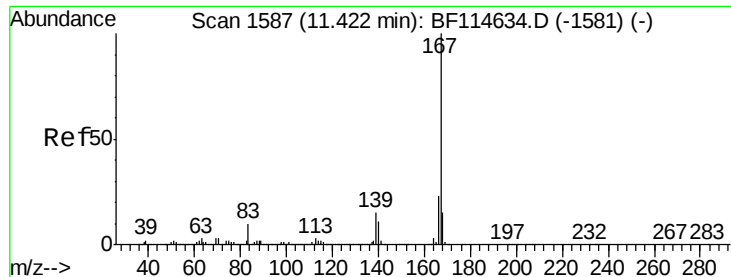
Tot Ion:178 Resp: 456640
Ion Ratio Lower Upper
178 100
176 20.0 17.2 25.8
179 15.1 13.9 20.9



#72
Anthracene
Concen: 6.070 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:178 Resp: 463958
Ion Ratio Lower Upper
178 100
176 19.2 16.6 24.8
179 15.6 13.4 20.0

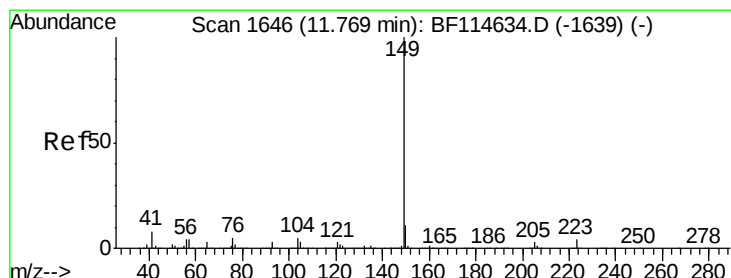
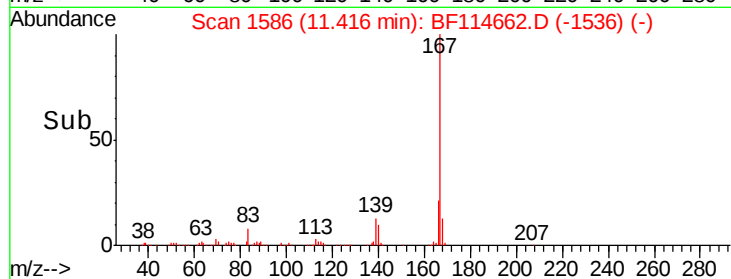
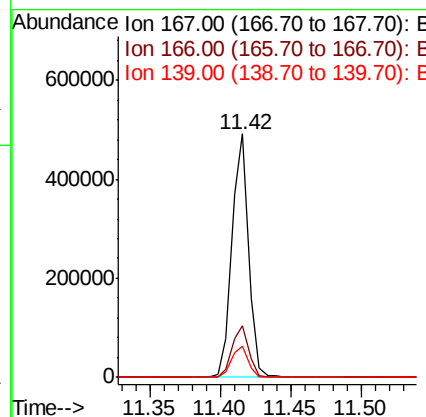
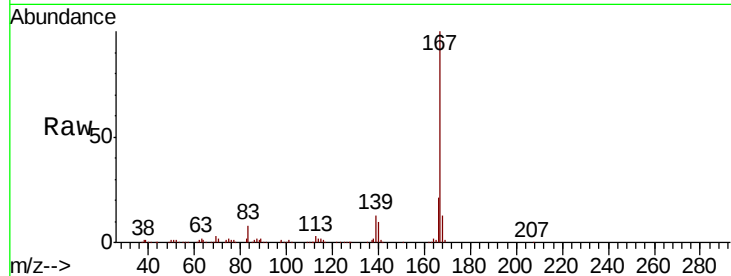




#73
 Carbazole
 Concen: 5.979 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

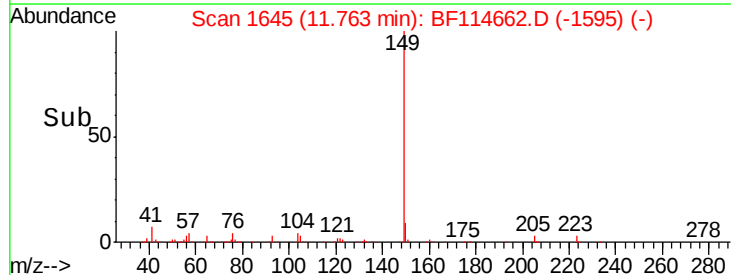
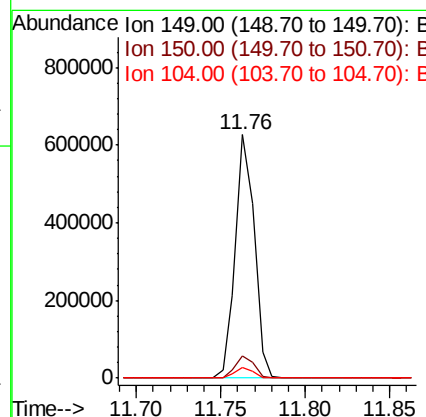
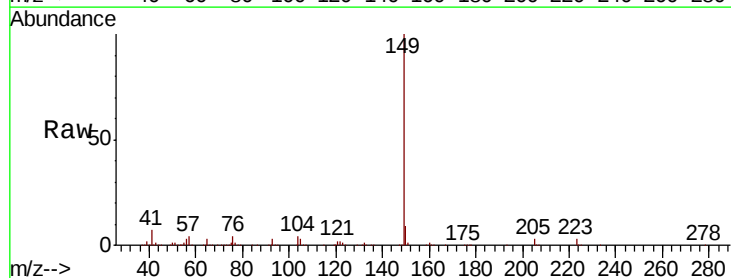
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

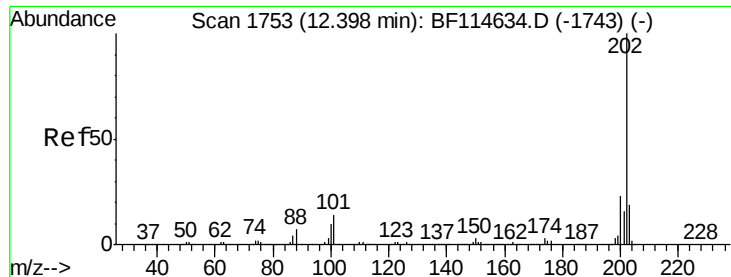
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.7	28.1
139	12.7	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 5.979 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.6	12.8
104	4.4	4.3	6.5





#75

Fluoranthene

Concen: 5.831 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

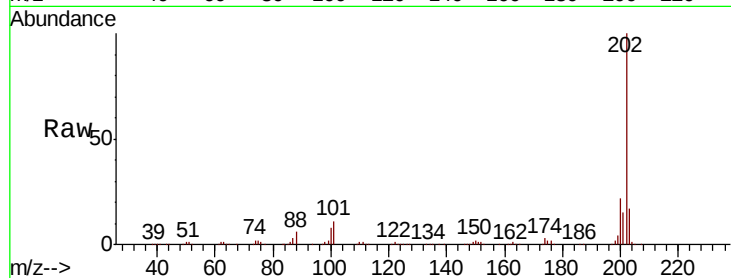
Tot Ion:202 Resp: 456030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.9

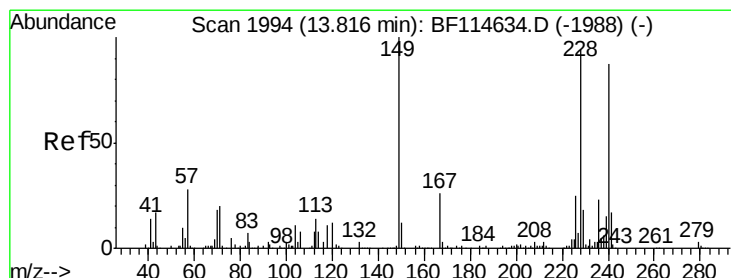
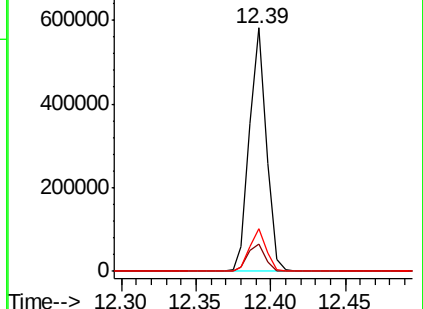
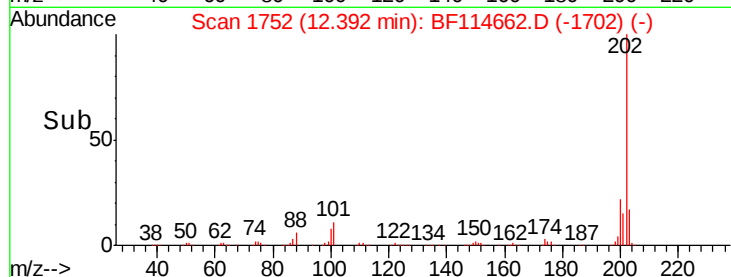
203 17.3 0.0 39.1



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: BF114662.D

Acq: 30 May 2019 15:46

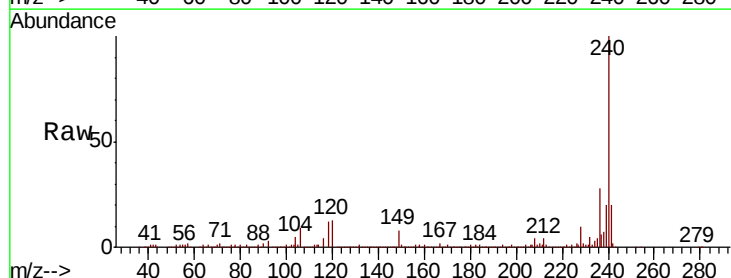
Tgt Ion:240 Resp: 1117835

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

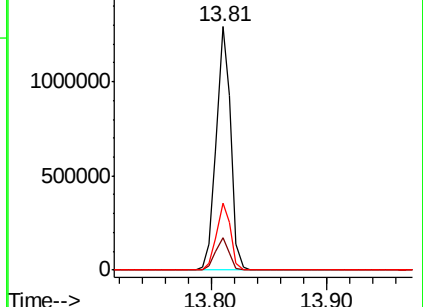
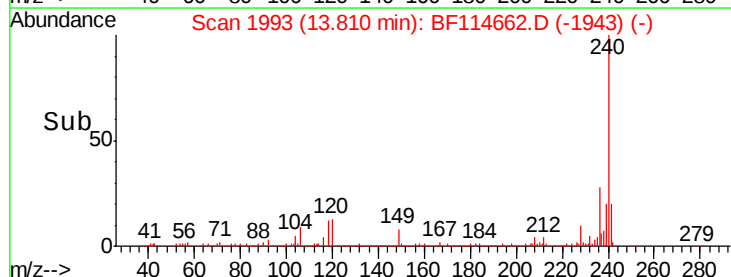
236 27.7 21.2 31.8

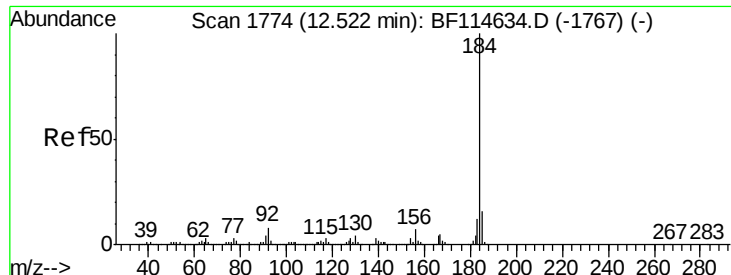


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.743 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

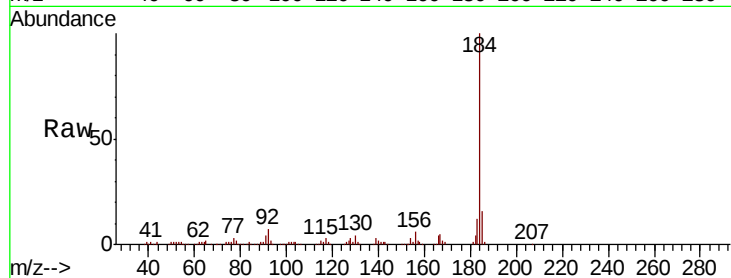
Tot Ion:184 Resp: 218345

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

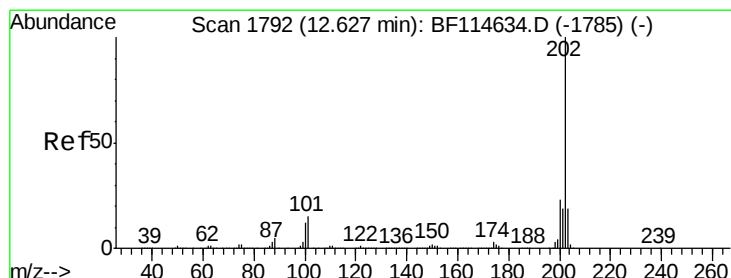
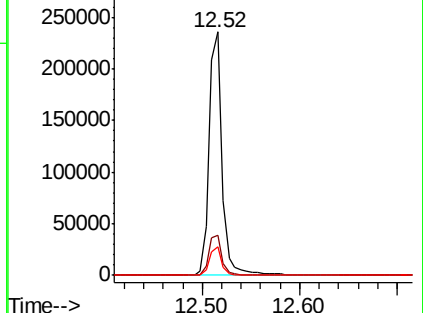
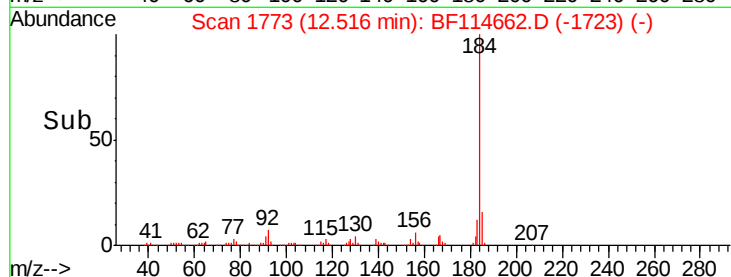
183 11.9 9.4 14.2



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: 5.007 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

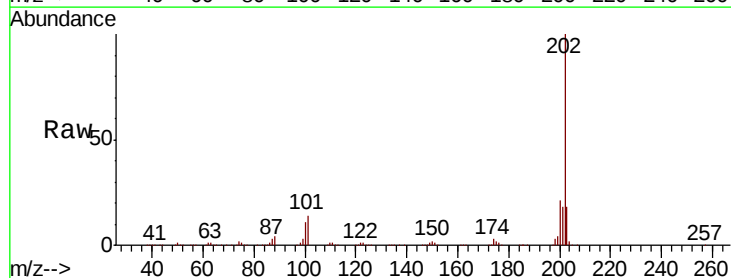
Tgt Ion:202 Resp: 473480

Ion Ratio Lower Upper

202 100

200 21.1 18.6 28.0

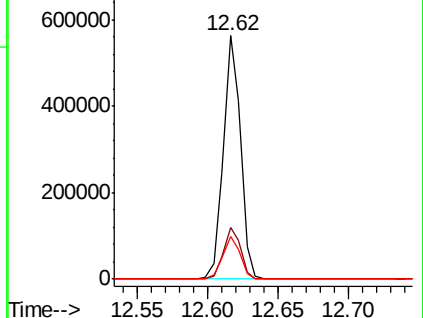
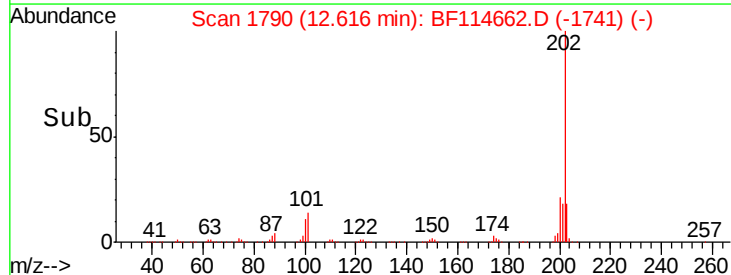
203 17.7 15.4 23.2

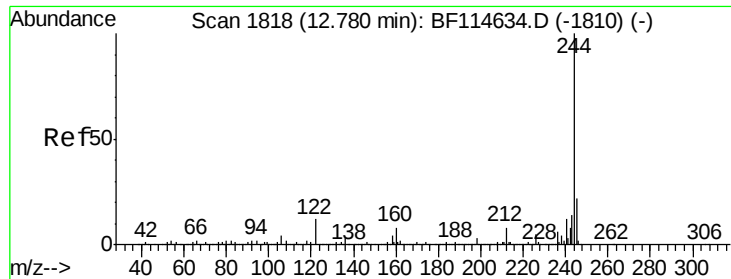


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.138 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

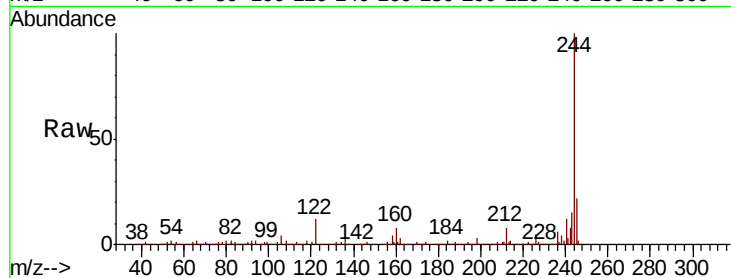
Tot Ion:244 Resp: 3932221

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

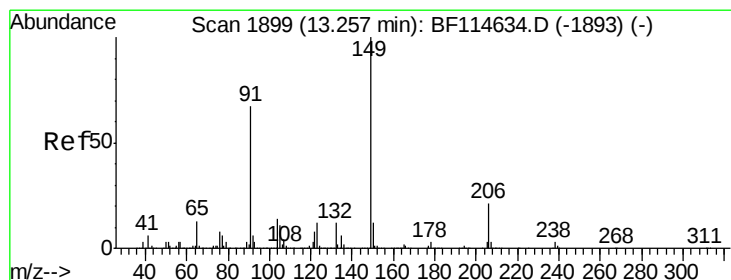
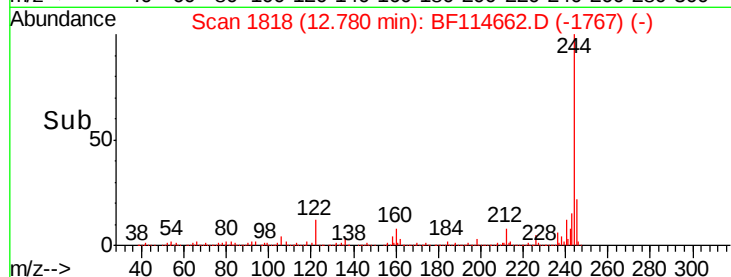
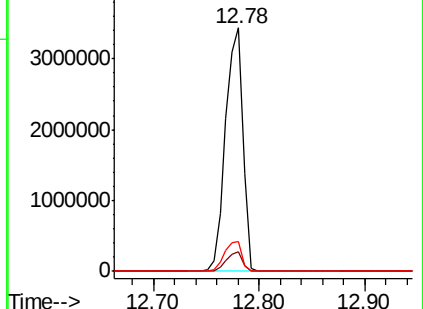
122 12.2 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.846 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

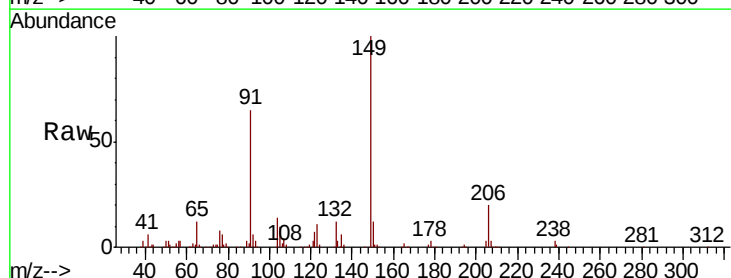
Tgt Ion:149 Resp: 182786

Ion Ratio Lower Upper

149 100

91 65.4 53.8 80.8

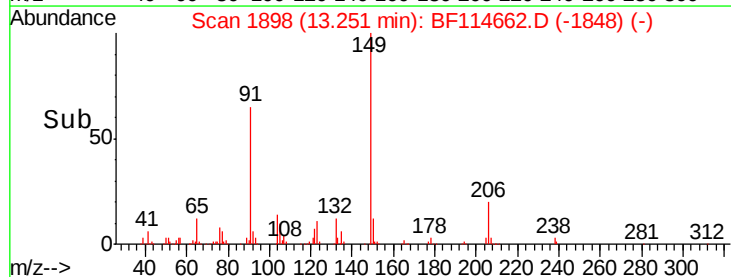
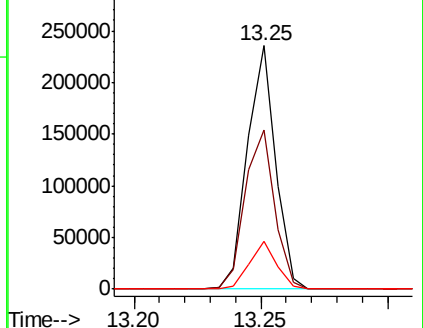
206 19.7 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.824 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

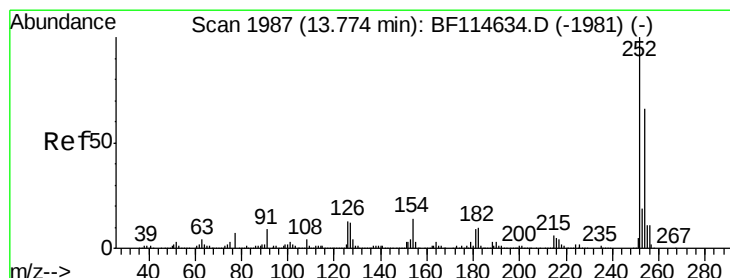
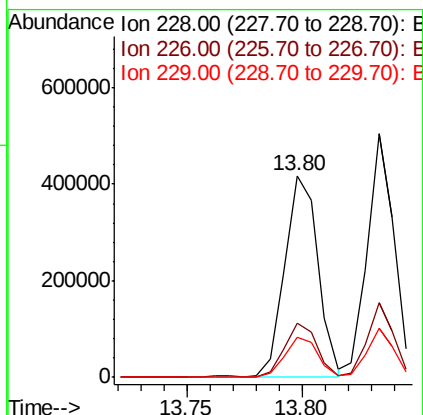
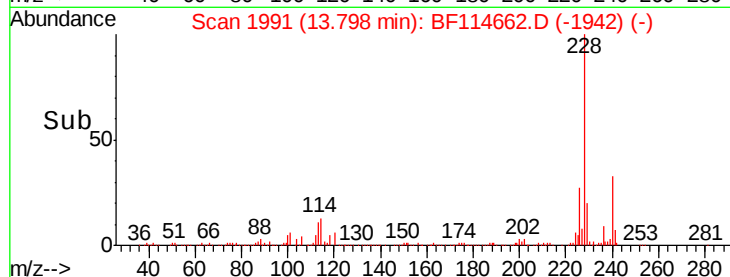
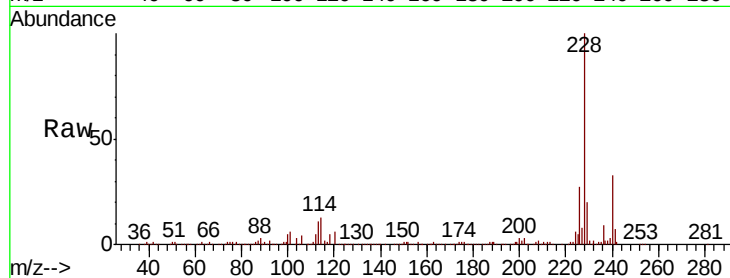
Tot Ion:228 Resp: 414381

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.0	34.6
229	20.1	17.0	25.4

228 100

226 26.6 23.0 34.6

229 20.1 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 4.346 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

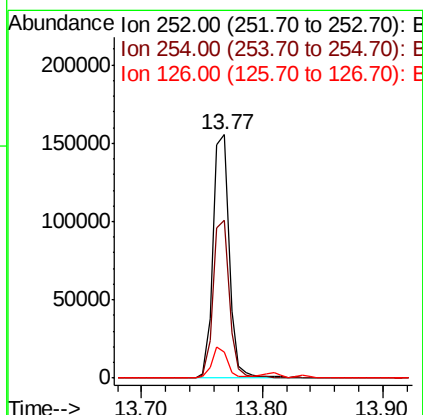
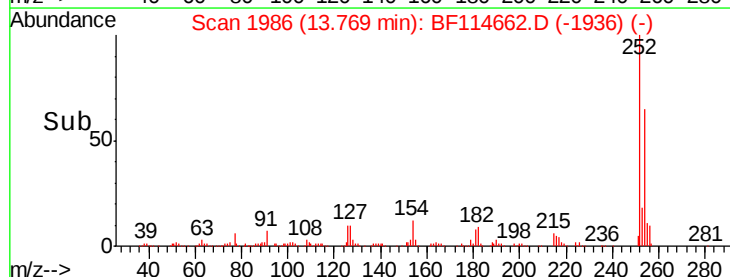
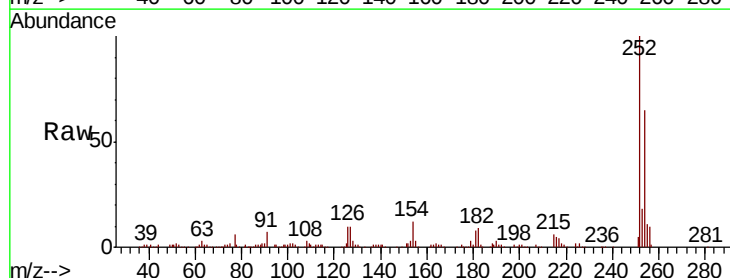
Tgt Ion:252 Resp: 144175

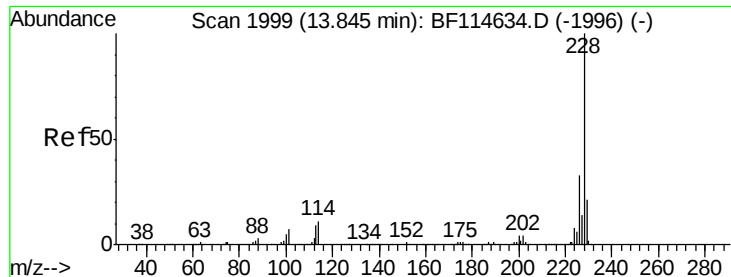
Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.1	79.7
126	10.5	10.2	15.2

252 100

254 64.8 53.1 79.7

126 10.5 10.2 15.2





#83

Chrysene

Concen: 4.978 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

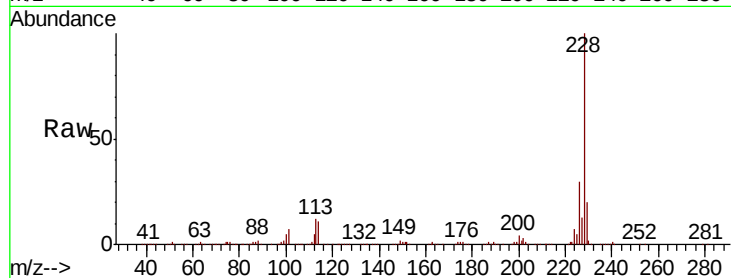
Tot Ion:228 Resp: 408531

Ion Ratio Lower Upper

228 100

226 30.4 26.4 39.6

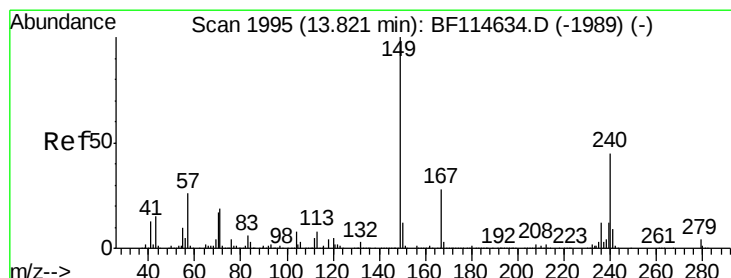
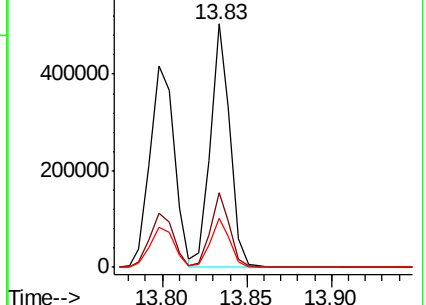
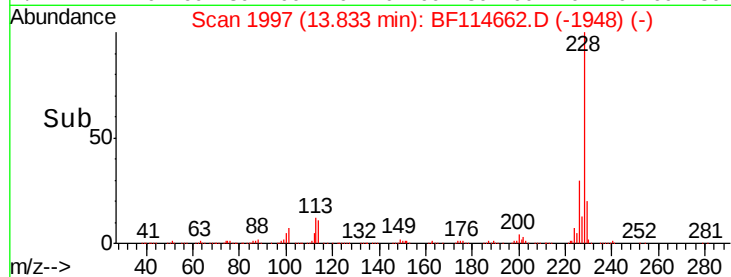
229 20.0 17.1 25.7



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: 4.500 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

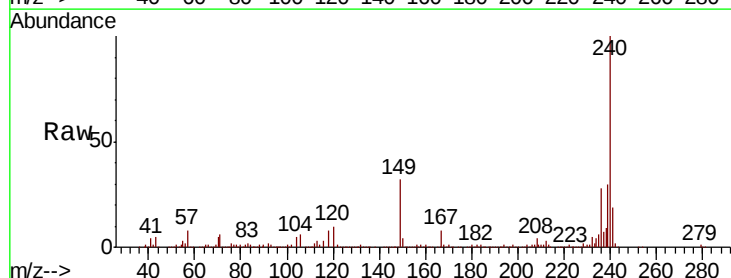
Tgt Ion:149 Resp: 264369

Ion Ratio Lower Upper

149 100

167 26.4 22.6 33.8

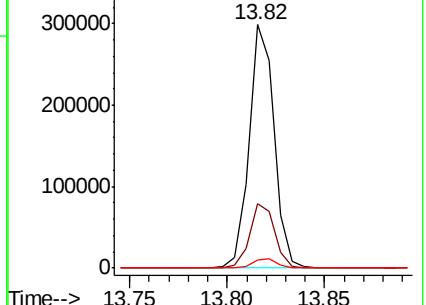
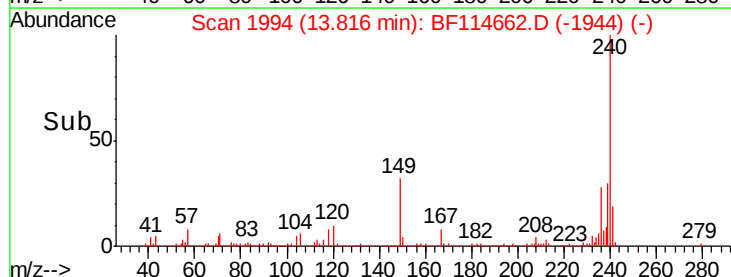
279 3.3 3.0 4.4

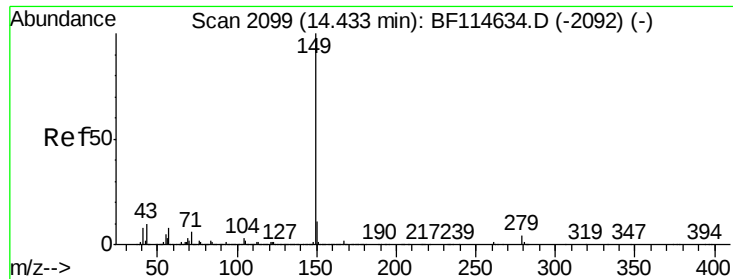


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

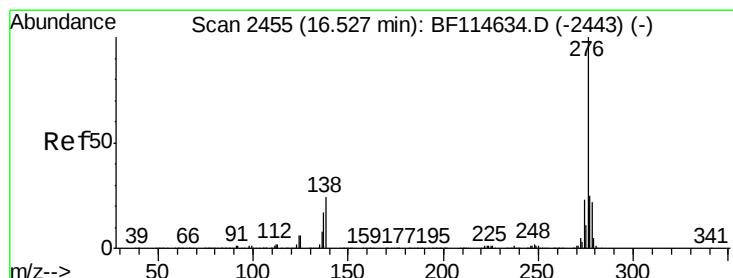
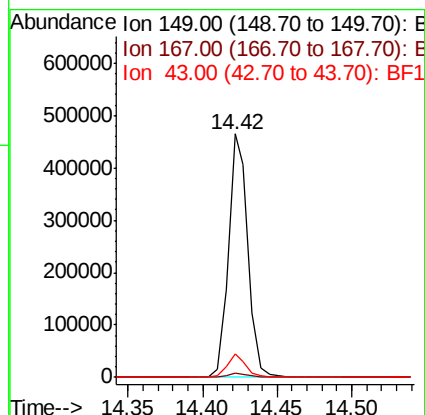
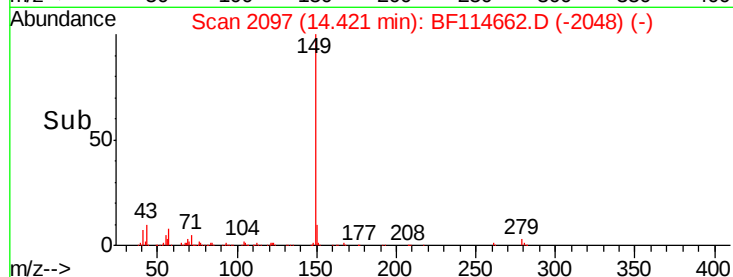
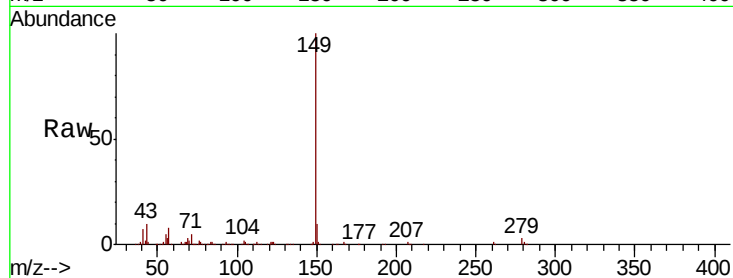




#85
Di-n-octyl phthalate
Concen: 4.178 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

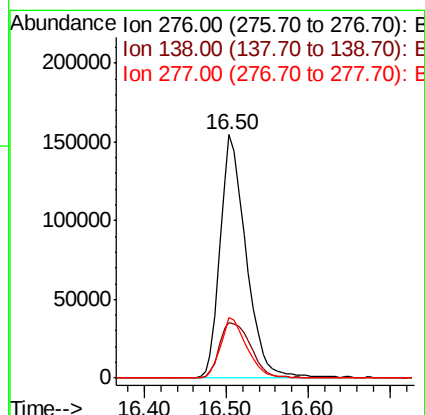
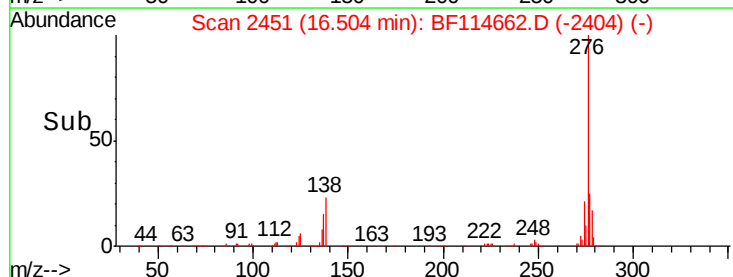
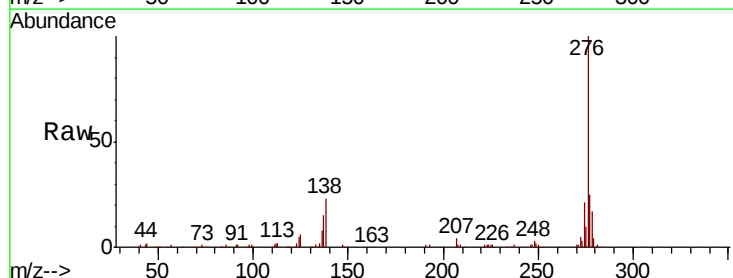
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

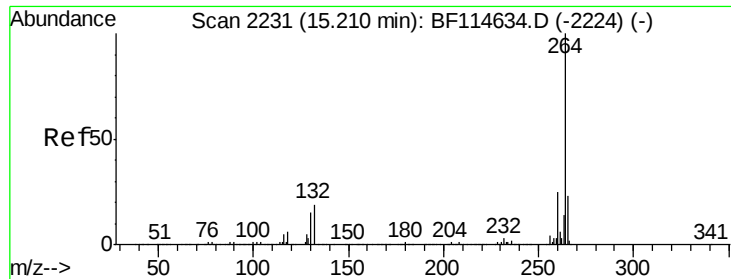
Tot Ion:149 Resp: 426483
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.172 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:276 Resp: 342975
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 25.0 20.5 30.7



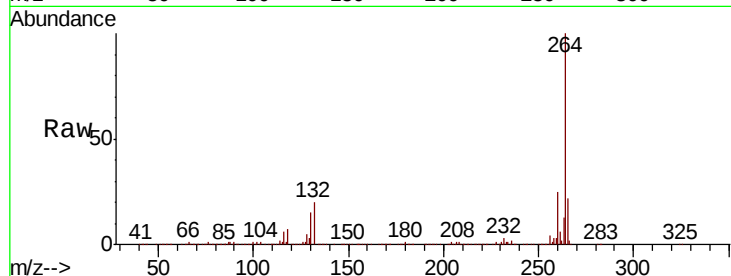


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

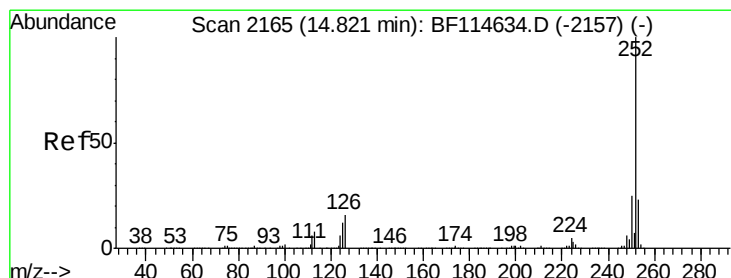
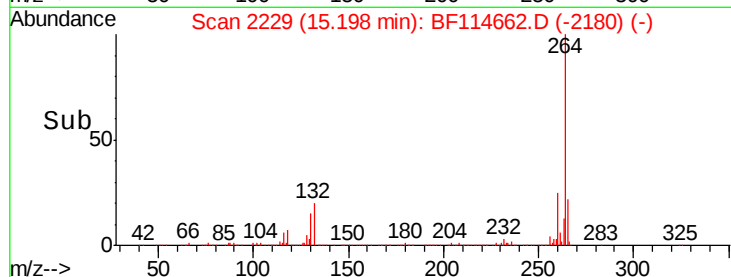
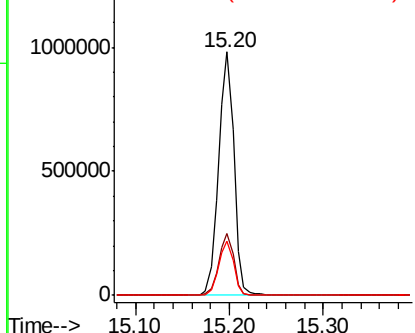
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:264 Resp: 1129445

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	22.1	18.1	27.1



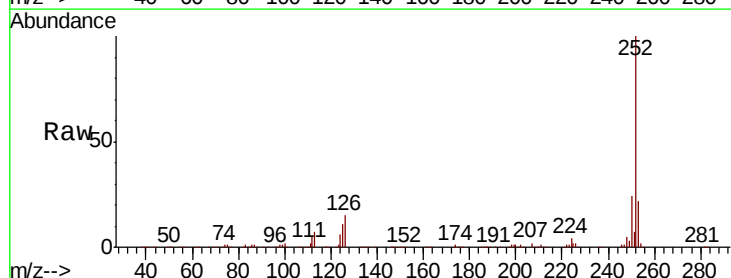
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



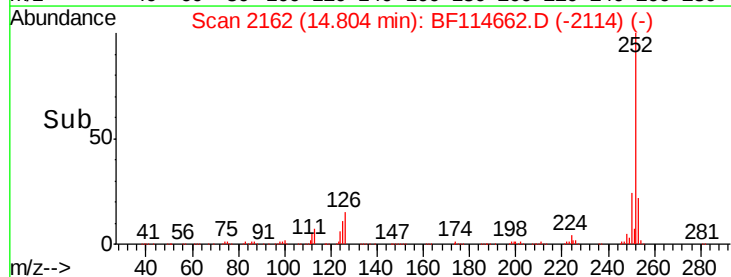
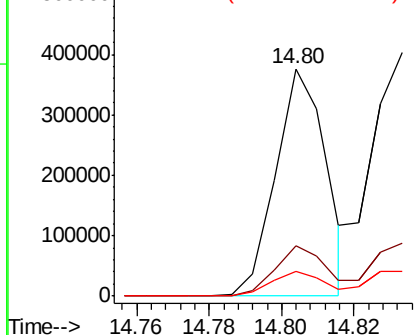
#88
Benzo(b)fluoranthene
Concen: 5.142 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

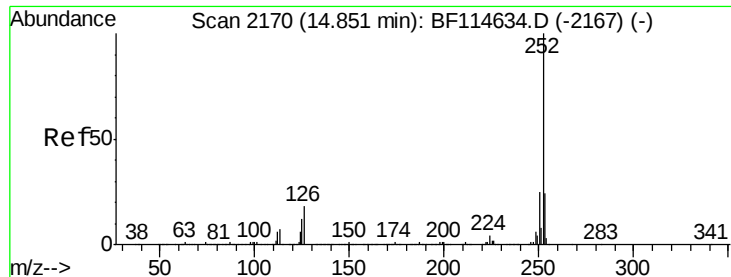
Tgt Ion:252 Resp: 365751

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	11.1	9.4	14.2



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

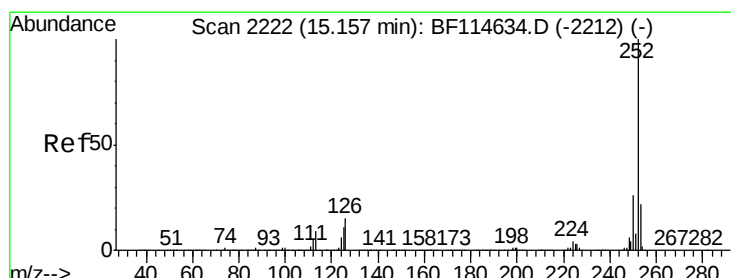
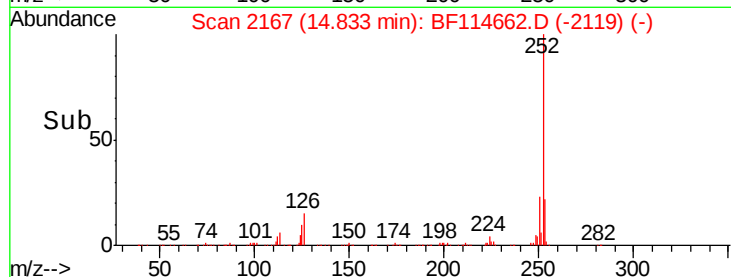
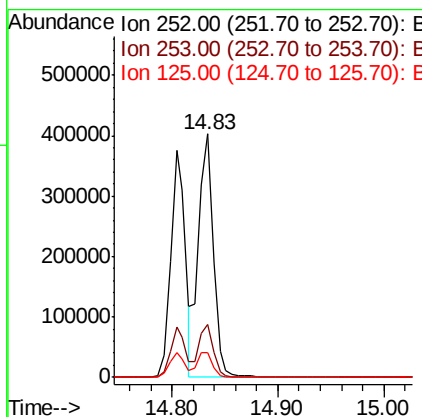
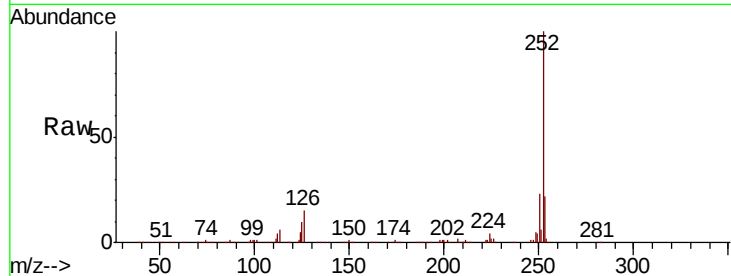




#89
Benzo(k)fluoranthene
Concen: 6.351 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

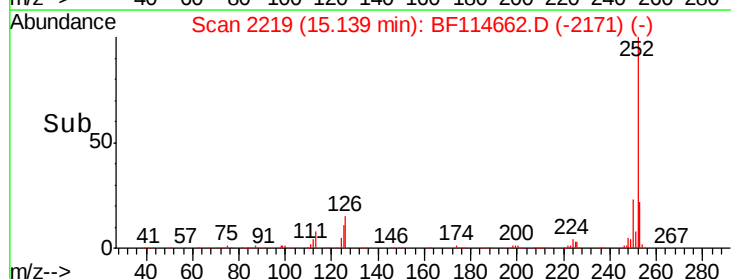
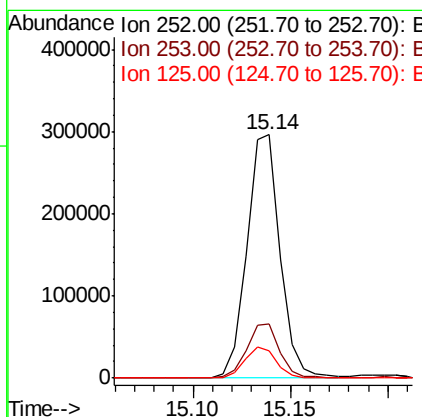
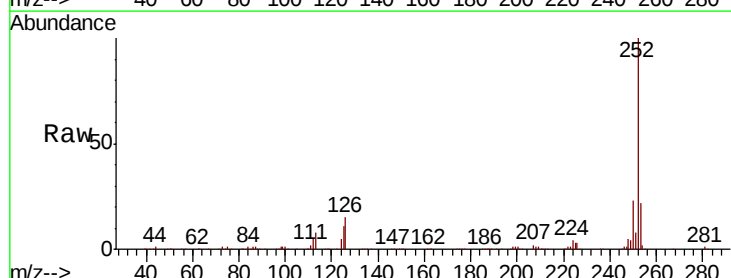
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

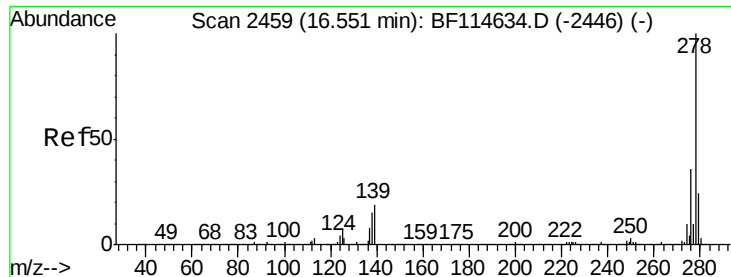
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	10.4	9.5	14.3



#90
Benzo(a)pyrene
Concen: 5.573 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.2	9.2	13.8

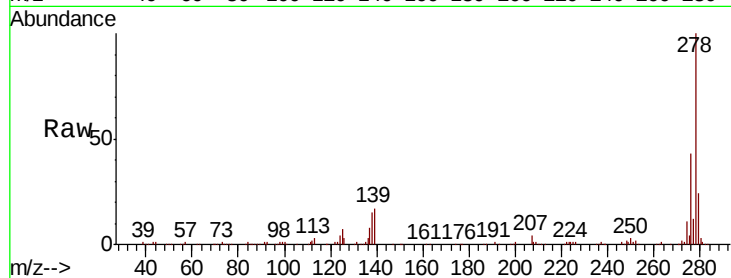




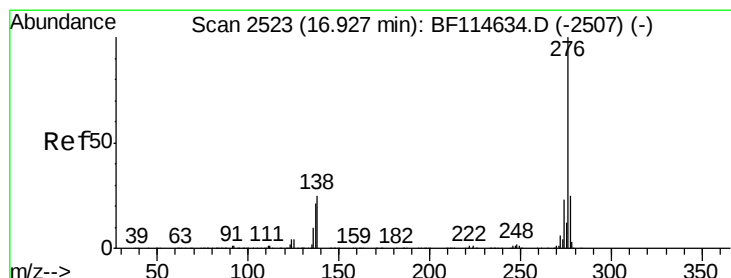
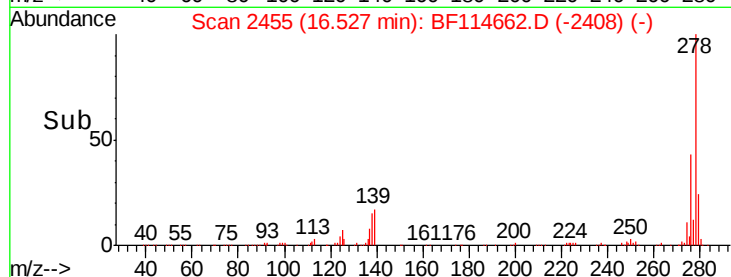
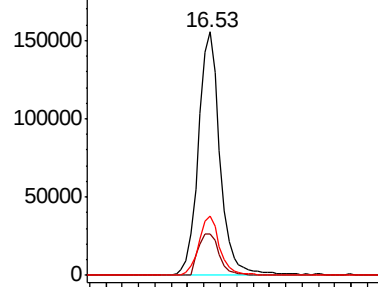
#91
Dibenzo(a,h)anthracene
Concen: 5.204 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion:278 Resp: 287372
Ion Ratio Lower Upper
278 100
139 17.0 14.9 22.3
279 24.2 19.5 29.3

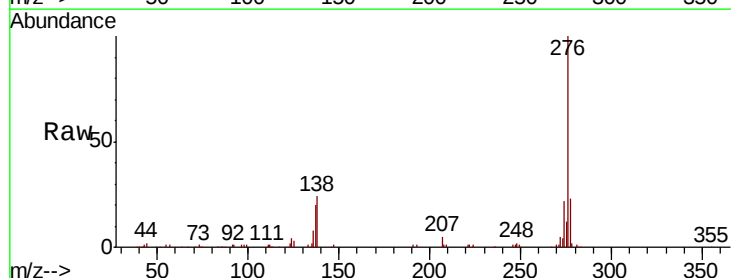


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.115 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:276 Resp: 274171
Ion Ratio Lower Upper
276 100
277 22.5 19.7 29.5
138 23.6 19.8 29.8



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

