

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114985.D
 Acq On : 12 Jun 2019 19:56
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 13 11:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 10:54:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	282236	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1103858	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	551932	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1098303	20.00	ng	0.00
76) Chrysene-d12	13.77	240	826652	20.00	ng	-0.01
87) Perylene-d12	15.14	264	804775	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1723749	101.98	ng	0.00
7) Phenol-d6	6.29	99	2136355	104.78	ng	0.00
23) Nitrobenzene-d5	7.21	82	1302287	71.01	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	653532	110.57	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2391064	73.42	ng	0.00
79) Terphenyl-d14	12.73	244	2758060	62.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	57255	7.237	ng	97
3) Pyridine	3.01	79	132831	5.963	ng	99
4) n-Nitrosodimethylamine	2.87	42	52413	6.628	ng	98
6) Aniline	6.31	93	208452	7.634	ng	# 82
8) 2-Chlorophenol	6.43	128	147949	7.719	ng	99
9) Benzaldehyde	6.19	77	117112	9.991	ng	100
10) Phenol	6.30	94	177609	7.786	ng	85
11) bis(2-Chloroethyl)ether	6.39	93	134547	7.599	ng	98
12) 1,3-Dichlorobenzene	6.59	146	168577	7.530	ng	99
13) 1,4-Dichlorobenzene	6.66	146	172877	7.681	ng	98
14) 1,2-Dichlorobenzene	6.82	146	161544	7.624	ng	97
15) Benzyl Alcohol	6.79	79	130638	8.552	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	178723	7.542	ng	99
17) 2-Methylphenol	6.91	107	121371	7.592	ng	97
18) Hexachloroethane	7.16	117	57984	7.134	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	98021	7.913	ng	98
20) 3+4-Methylphenols	7.06	107	155016	8.148	ng	98
22) Acetophenone	7.06	105	211391	8.460	ng	# 96
24) Nitrobenzene	7.23	77	151463	8.117	ng	98
25) Isophorone	7.46	82	272092	7.922	ng	96
26) 2-Nitrophenol	7.55	139	77507	7.452	ng	98
27) 2,4-Dimethylphenol	7.59	122	114800	7.652	ng	94
28) bis(2-Chloroethoxy)methane	7.68	93	171702	7.792	ng	99
29) 2,4-Dichlorophenol	7.79	162	126131	7.958	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	143372	7.829	ng	98
31) Naphthalene	7.95	128	455174	8.715	ng	98
32) Benzoic acid	7.67	122	58080	5.350	ng	99
33) 4-Chloroaniline	8.00	127	191274	7.934	ng	97
34) Hexachlorobutadiene	8.07	225	76399	7.505	ng	99
35) Caprolactam	8.33	113	40034	7.584	ng	98
36) 4-Chloro-3-methylphenol	8.48	107	129557	8.111	ng	97
37) 2-Methylnaphthalene	8.64	142	312632	8.975	ng	98
38) 1-Methylnaphthalene	8.73	142	290745	8.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	135463	8.307	ng	98

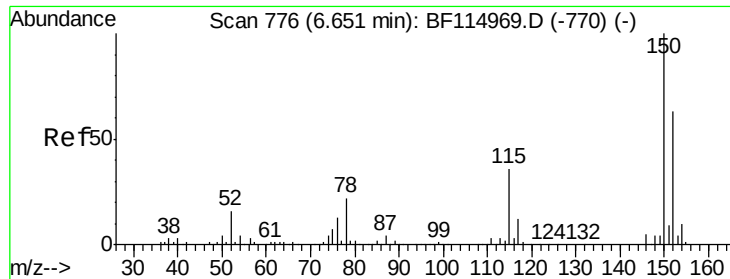
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114985.D
 Acq On : 12 Jun 2019 19:56
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Quant Time: Jun 13 11:32:53 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 10:54:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	41557	5.172	ng	97
43) 2,4,6-Trichlorophenol	8.92	196	89196	7.324	ng	97
44) 2,4,5-Trichlorophenol	8.96	196	96097	7.808	ng	97
46) 1,1'-Biphenyl	9.10	154	382578	8.650	ng	95
47) 2-Chloronaphthalene	9.12	162	287892	8.049	ng	99
48) 2-Nitroaniline	9.22	65	74520	7.049	ng	98
49) Acenaphthylene	9.53	152	474228	8.624	ng	96
50) Dimethylphthalate	9.40	163	333153	8.026	ng	99
51) 2,6-Dinitrotoluene	9.46	165	72480	7.698	ng	# 86
52) Acenaphthene	9.70	154	270889	8.610	ng	97
53) 3-Nitroaniline	9.62	138	84818	7.352	ng	100
54) 2,4-Dinitrophenol	9.73	184	23172	5.074	ng	95
55) Dibenzofuran	9.87	168	414759	8.747	ng	95
56) 4-Nitrophenol	9.79	139	54835	6.893	ng	98
57) 2,4-Dinitrotoluene	9.86	165	98970	8.259	ng	99
58) Fluorene	10.22	166	318736	9.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	79489	7.995	ng	100
60) Diethylphthalate	10.10	149	327393	8.249	ng	97
61) 4-Chlorophenyl-phenylether	10.22	204	152734	8.922	ng	94
62) 4-Nitroaniline	10.23	138	83953	7.238	ng	96
63) Azobenzene	10.37	77	293079	8.441	ng	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	40651	6.604	ng	85
66) n-Nitrosodiphenylamine	10.33	169	279959	8.527	ng	97
67) 4-Bromophenyl-phenylether	10.70	248	94098	7.979	ng	93
68) Hexachlorobenzene	10.77	284	102431	7.890	ng	# 91
69) Atrazine	10.86	200	87563	8.272	ng	97
70) Pentachlorophenol	10.96	266	44959	6.377	ng	100
71) Phenanthrene	11.17	178	494577	8.722	ng	97
72) Anthracene	11.22	178	502501	8.784	ng	97
73) Carbazole	11.37	167	451337	9.039	ng	96
74) Di-n-butylphthalate	11.72	149	540331	8.584	ng	97
75) Fluoranthene	12.35	202	518231	8.937	ng	96
77) Benzidine	12.47	184	244677	7.318	ng	99
78) Pyrene	12.57	202	536021	7.118	ng	98
80) Butylbenzylphthalate	13.20	149	229732	6.531	ng	97
81) Benzo(a)anthracene	13.76	228	456991	7.387	ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	173866	7.331	ng	# 98
83) Chrysene	13.79	228	445604	7.244	ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	296895	7.142	ng	98
85) Di-n-octyl phthalate	14.37	149	530027	7.404	ng	99
86) Indeno(1,2,3-cd)pyrene	16.43	276	358877	6.642	ng	99
88) Benzo(b)fluoranthene	14.76	252	425112	7.946	ng	98
89) Benzo(k)fluoranthene	14.79	252	385567	8.211	ng	98
90) Benzo(a)pyrene	15.09	252	371301	8.043	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	301902	7.594	ng	99
92) Benzo(g,h,i)perylene	16.82	276	286809	7.074	ng	99

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

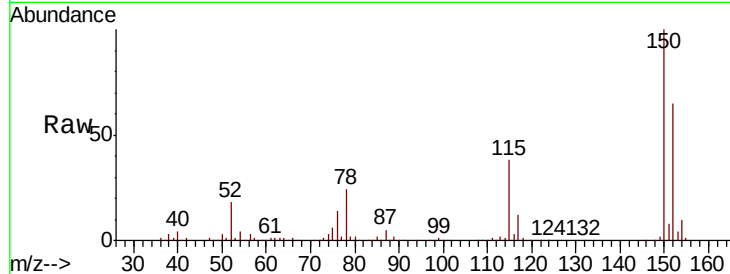


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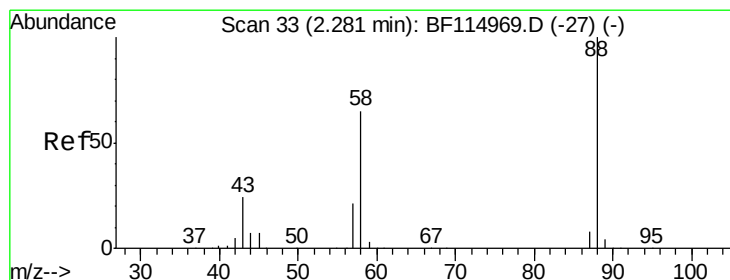
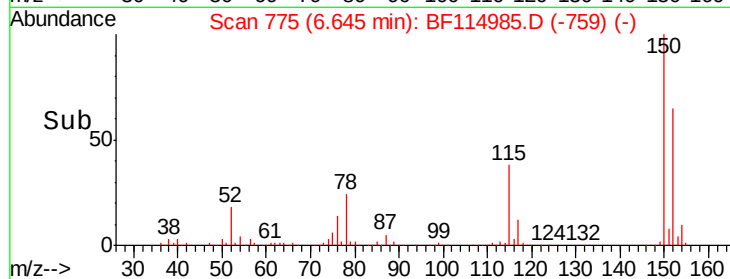
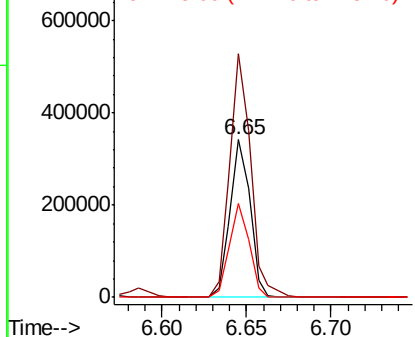
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:152 Resp: 282236
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 59.4 46.0 69.0



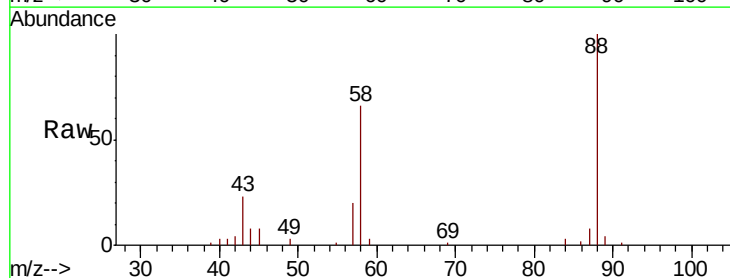
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



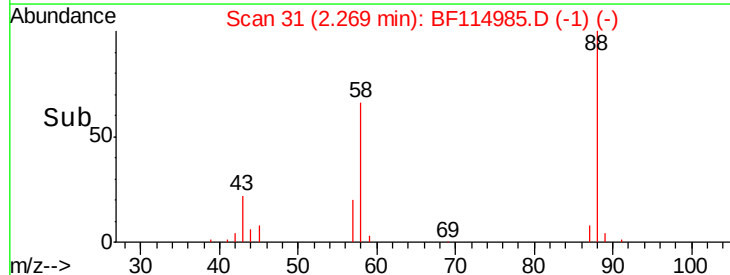
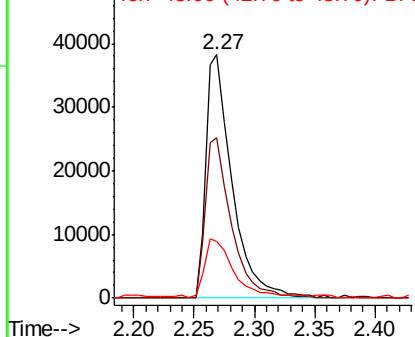
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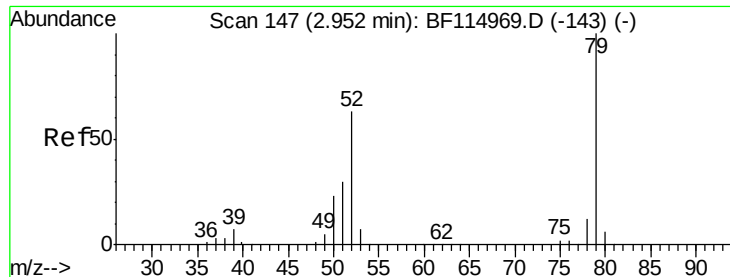
1,4-Dioxane
Concen: 7.237 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion: 88 Resp: 57255
Ion Ratio Lower Upper
88 100
58 65.5 53.4 80.2
43 27.0 19.7 29.5



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

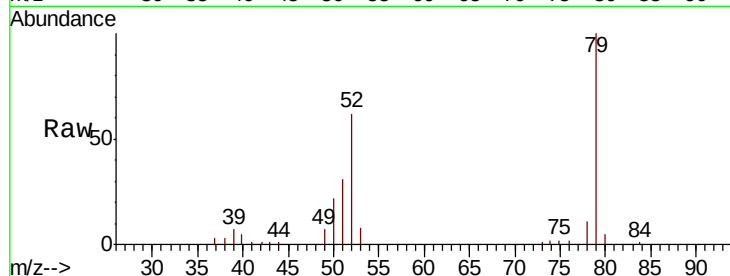




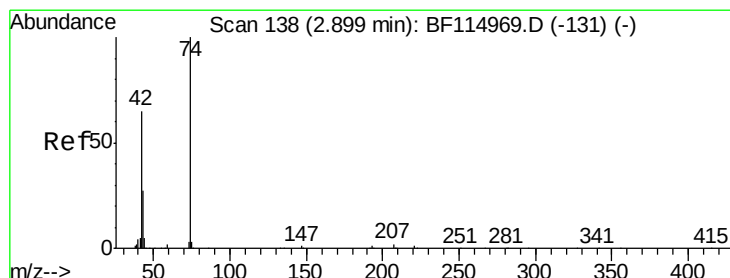
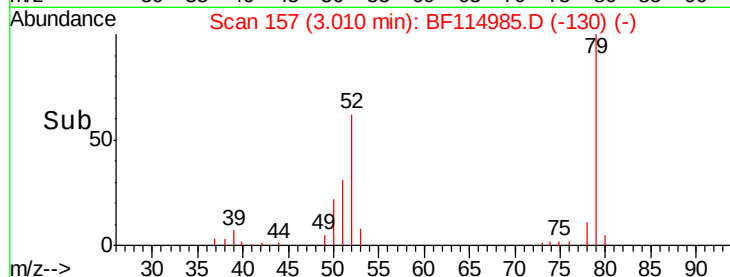
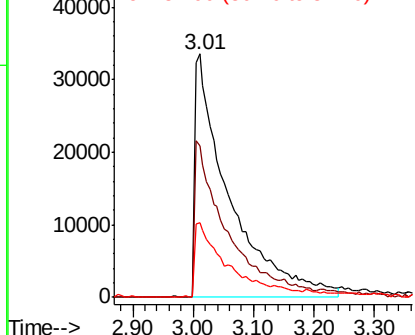
#3
 Pvridine
 Concen: 5.963 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.06 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion: 79 Resp: 132831
 Ion Ratio Lower Upper
 79 100
 52 62.0 50.3 75.5
 51 30.6 24.4 36.6

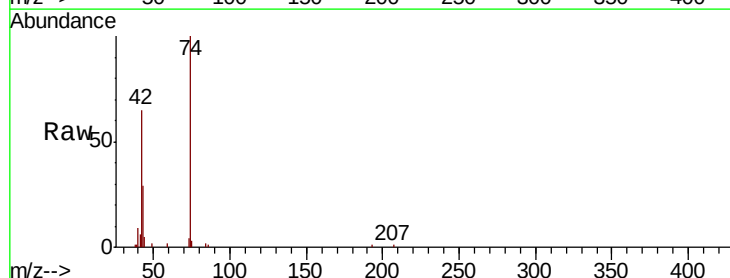


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

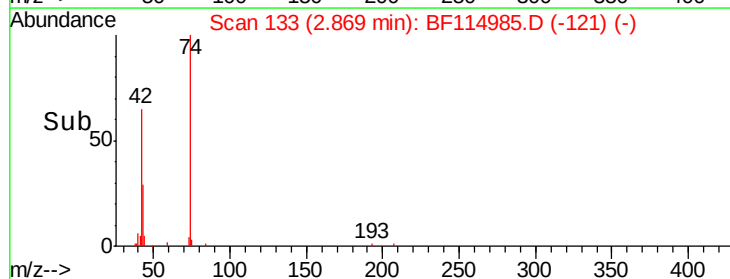
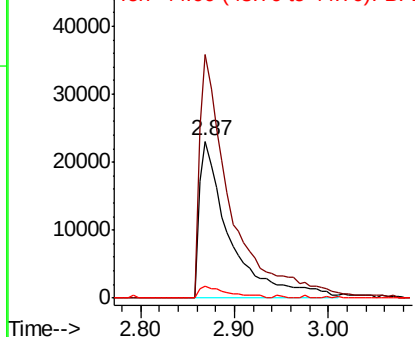


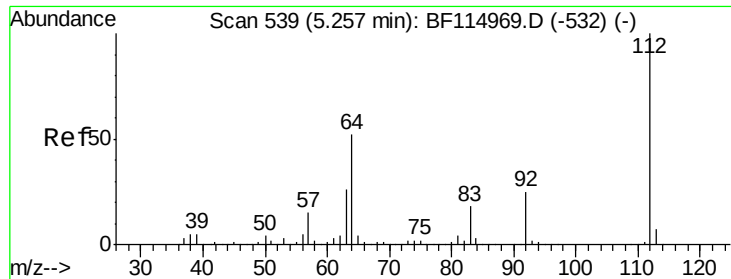
#4
 n-Nitrosodimethylamine
 Concen: 6.628 ng
 RT: 2.87 min Scan# 133
 Delta R.T. -0.03 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion: 42 Resp: 52413
 Ion Ratio Lower Upper
 42 100
 74 154.9 122.2 183.2
 44 7.5 5.8 8.8



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





#5

2-Fluorophenol

Concen: 101.982 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

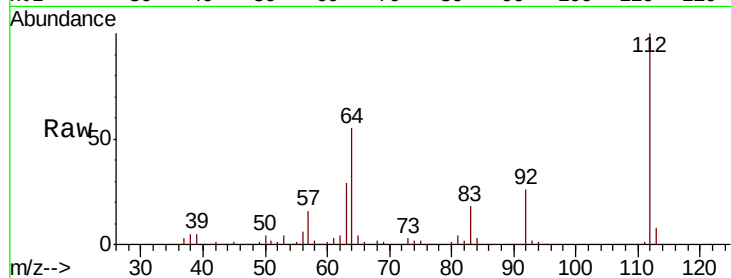
Tot Ion:112 Resp: 1723749

Ion Ratio Lower Upper

112 100

64 55.1 41.6 62.4

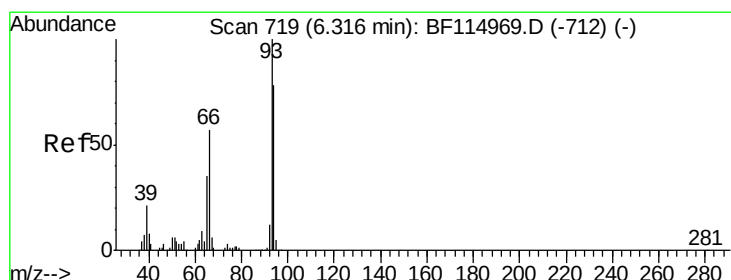
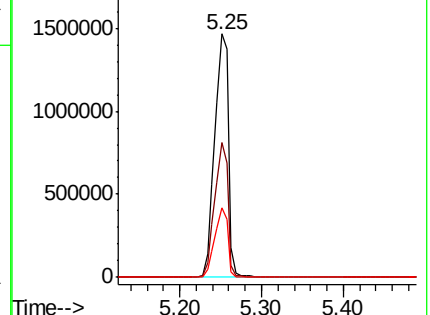
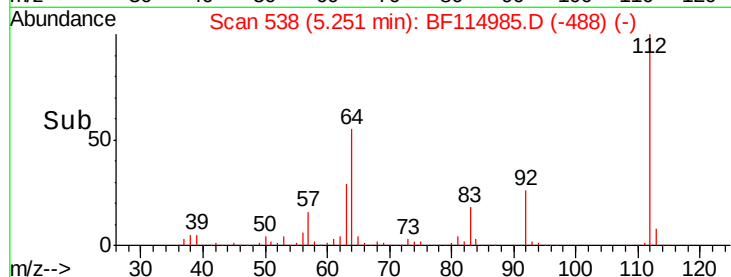
63 28.8 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.634 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

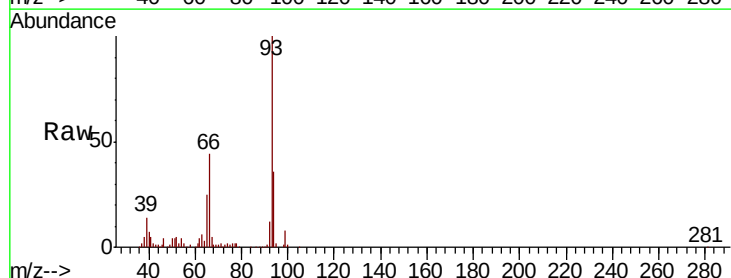
Tgt Ion: 93 Resp: 208452

Ion Ratio Lower Upper

93 100

66 44.3 46.2 69.2#

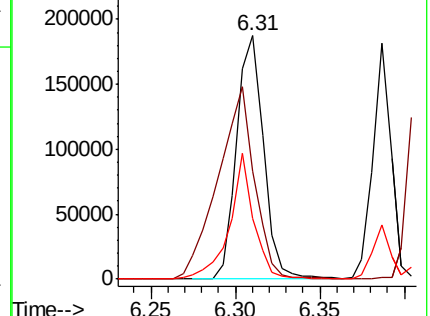
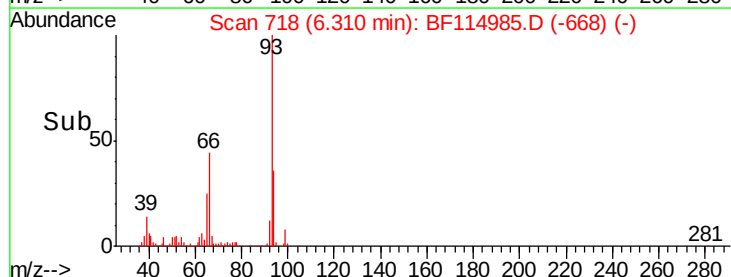
65 24.8 27.7 41.5#

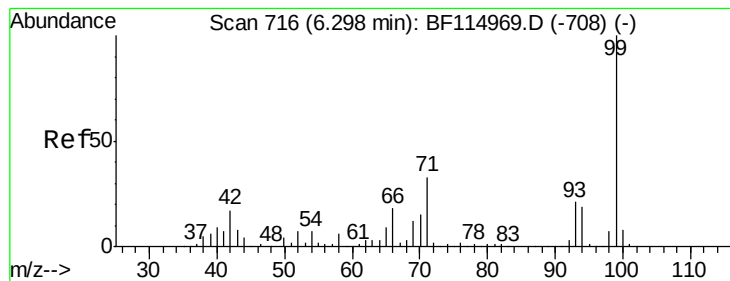


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.779 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

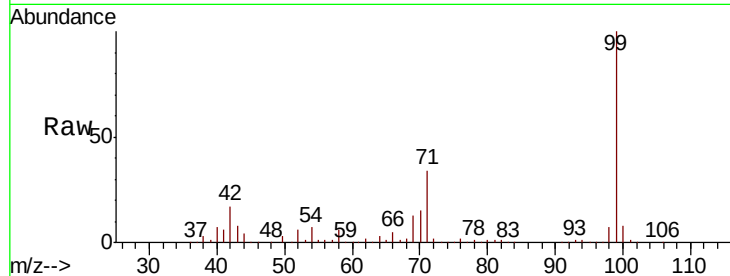
Tot Ion: 99 Resp: 2136355

Ion Ratio Lower Upper

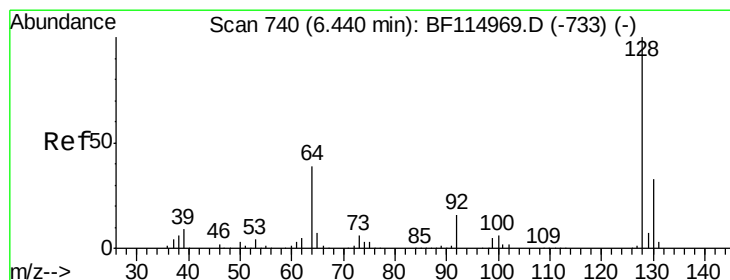
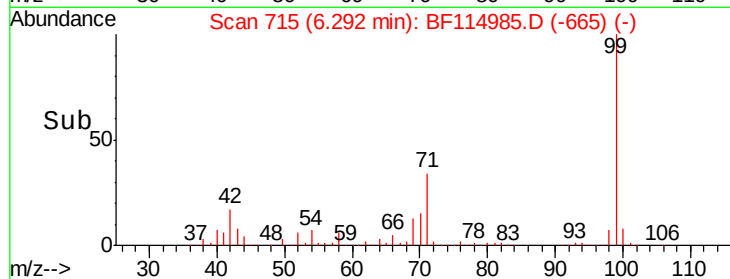
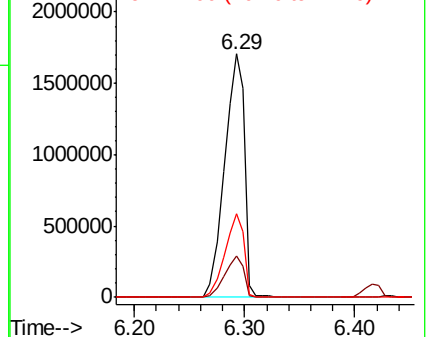
99 100

42 17.0 13.4 20.2

71 34.1 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.719 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

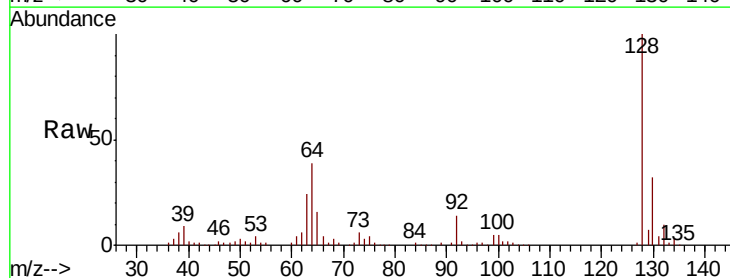
Tgt Ion: 128 Resp: 147949

Ion Ratio Lower Upper

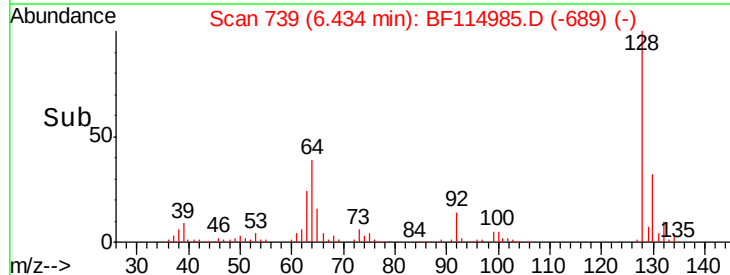
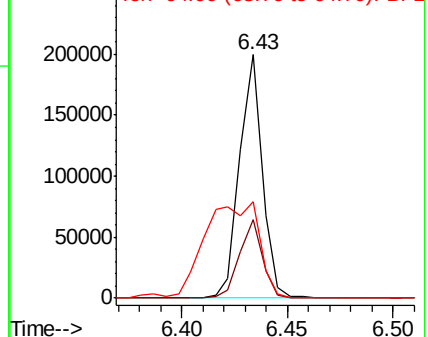
128 100

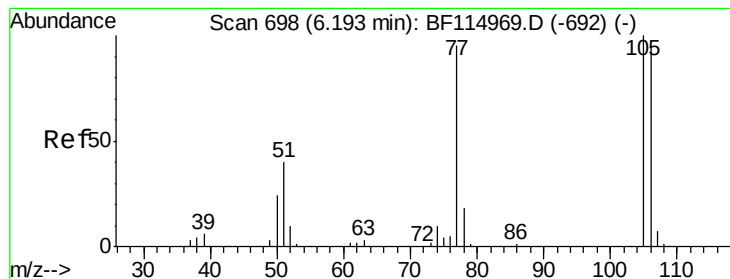
130 32.4 13.4 53.4

64 39.4 20.1 60.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.991 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

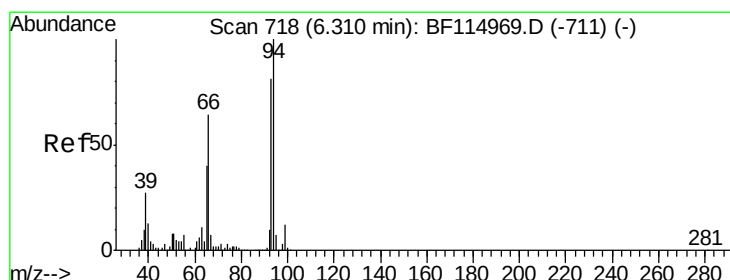
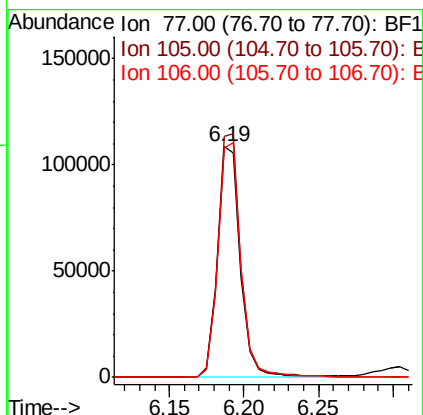
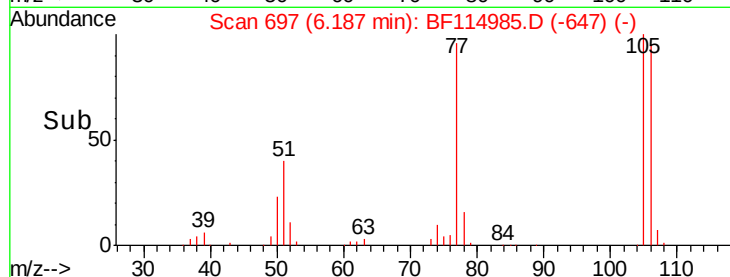
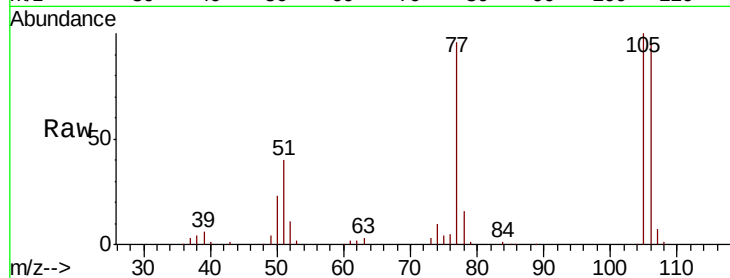
Tot Ion: 77 Resp: 117112

Ion Ratio Lower Upper

77 100

105 104.6 85.1 125.1

106 99.7 80.0 120.0



#10

Phenol

Concen: 7.786 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

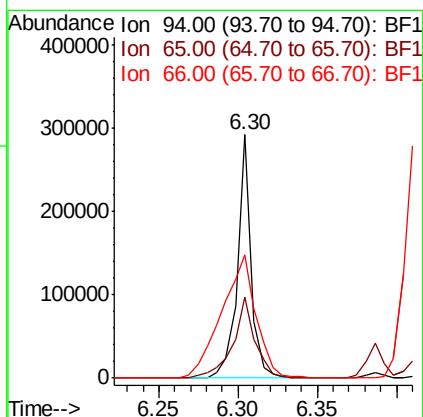
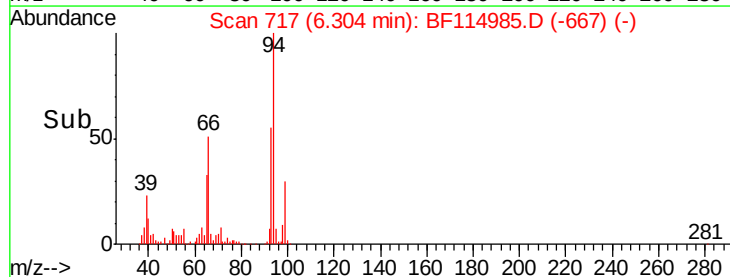
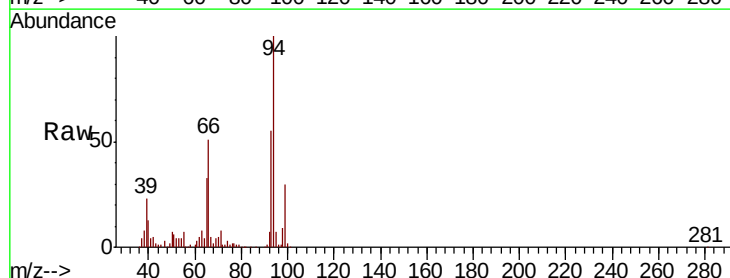
Tgt Ion: 94 Resp: 177609

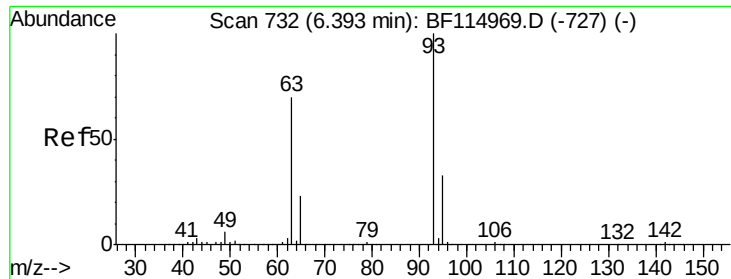
Ion Ratio Lower Upper

94 100

65 33.2 20.0 60.0

66 50.7 44.1 84.1

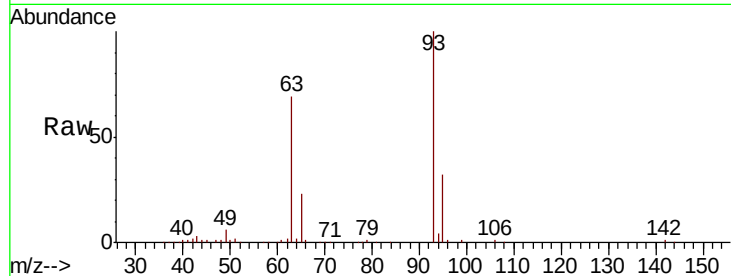




#11
bis(2-Chloroethyl)ether
Concen: 7.599 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.7	49.8	89.8
95	31.8	13.3	53.3

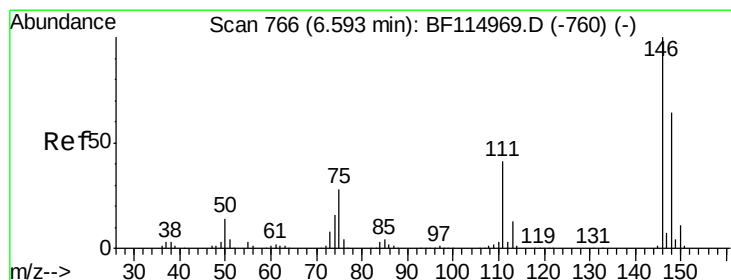
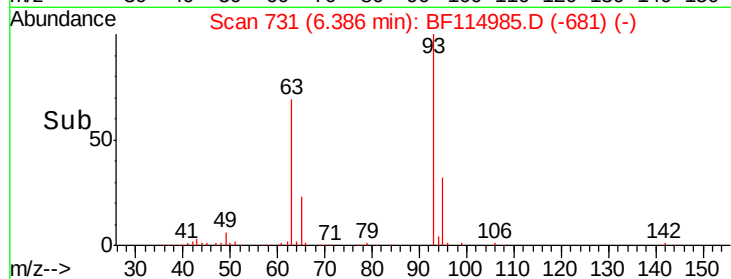
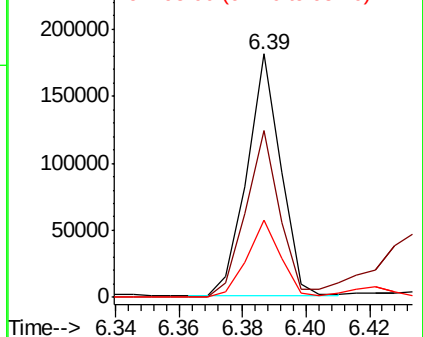


Abundance

Ion 93.00 (92.70 to 93.70): BF1

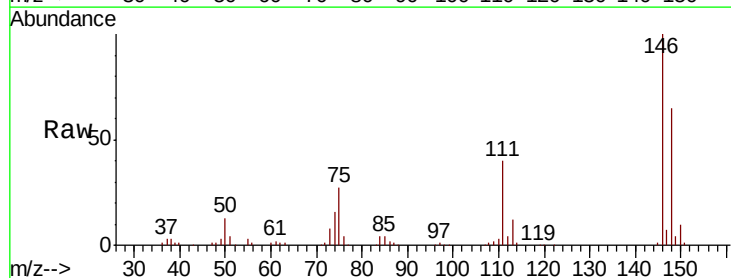
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 7.530 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	26.6	22.3	33.5

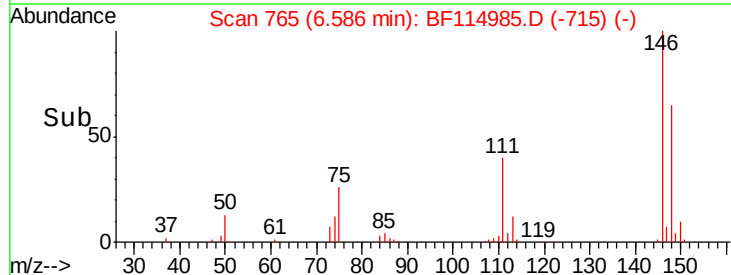
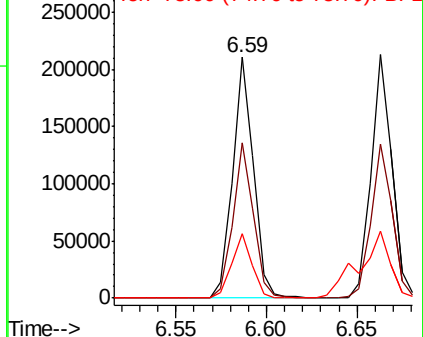


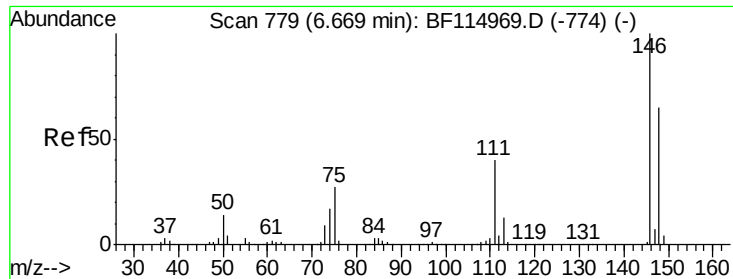
Abundance

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

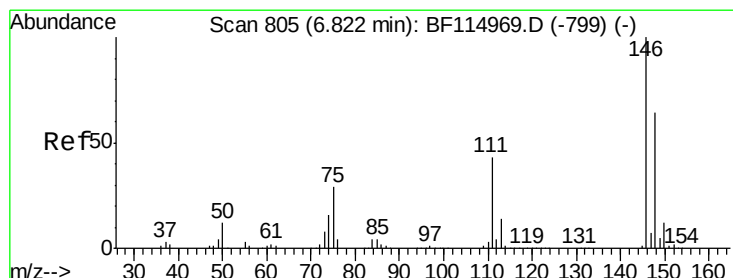
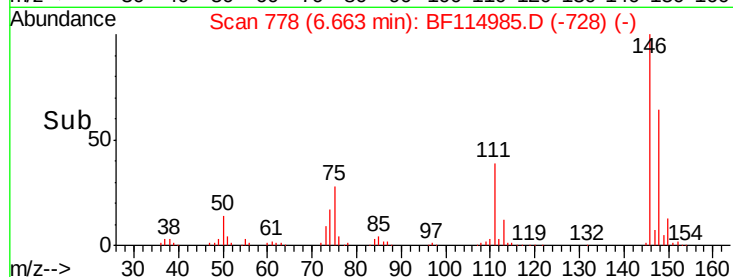
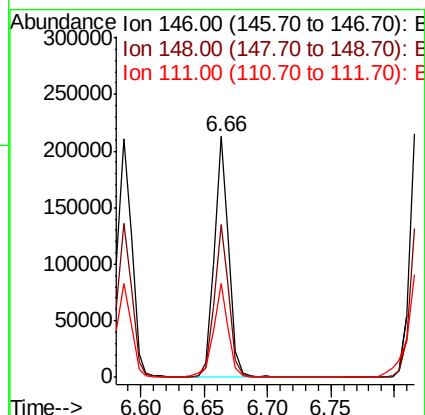
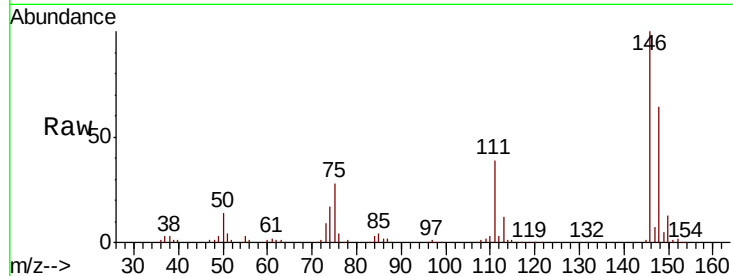




#13
 1,4-Dichlorobenzene
 Concen: 7.681 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

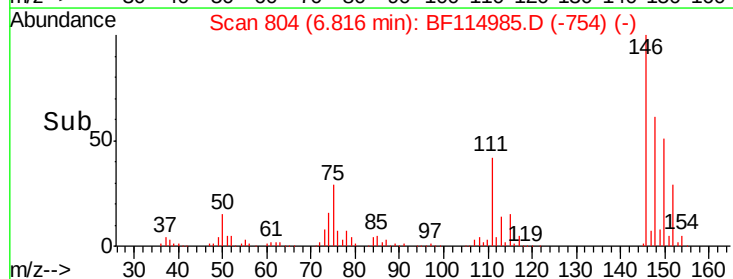
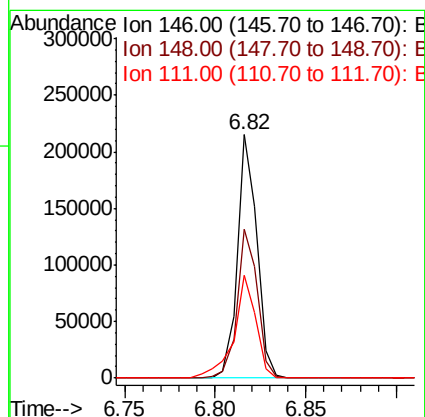
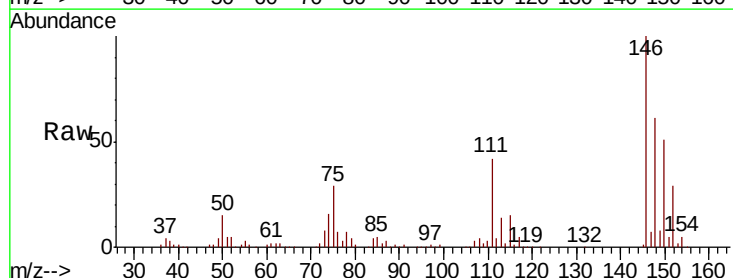
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

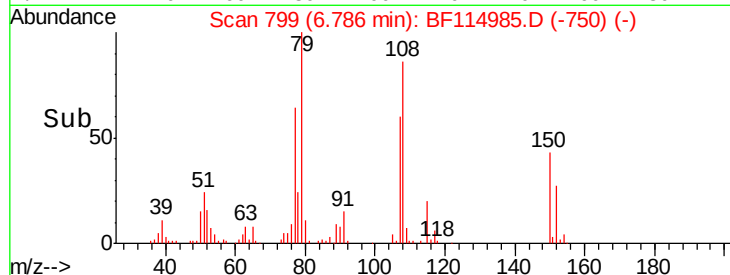
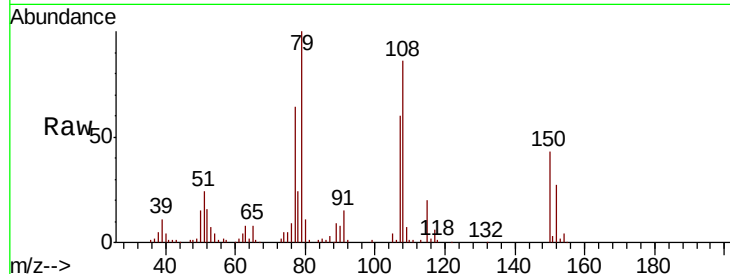
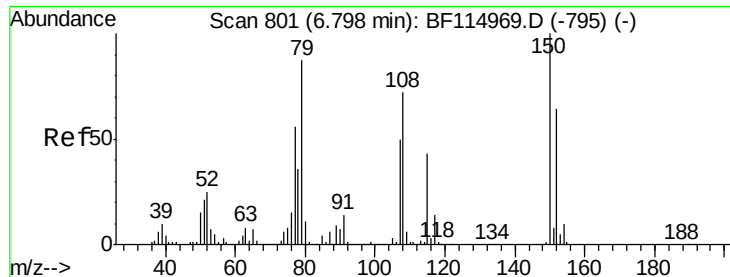
Tot Ion:146 Resp: 172877
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 39.2 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 7.624 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion:146 Resp: 161544
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.5 77.3
 111 42.0 34.6 51.8

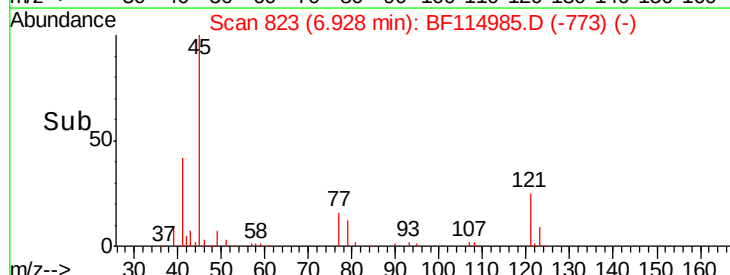
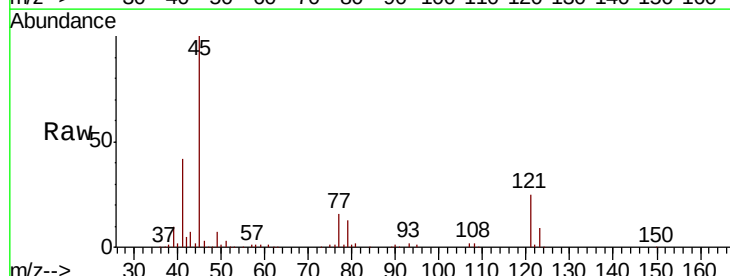
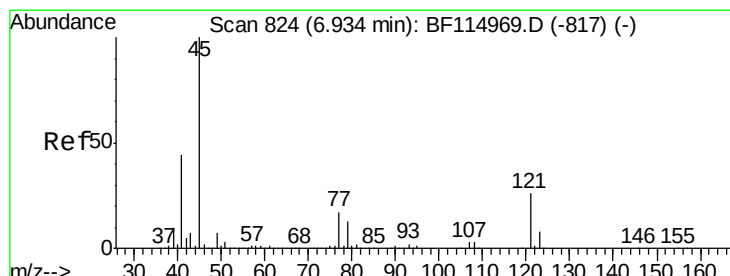
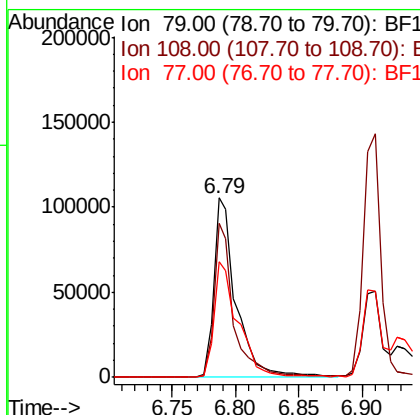




#15
Benzyl Alcohol
Concen: 8.552 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

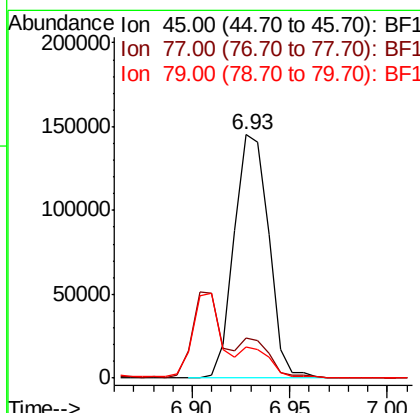
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

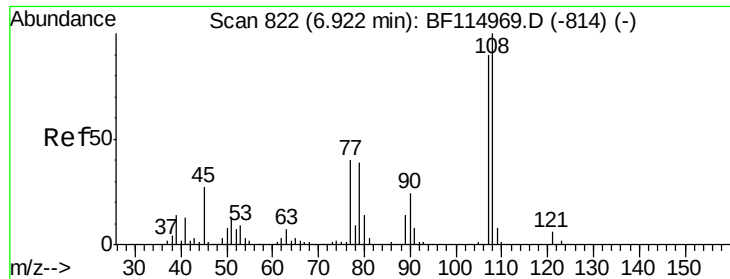
Tot Ion: 79 Resp: 130638
Ion Ratio Lower Upper
79 100
108 85.7 66.0 99.0
77 64.2 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.542 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion: 45 Resp: 178723
Ion Ratio Lower Upper
45 100
77 16.4 0.0 37.0
79 12.8 0.0 33.1





#17

2-Methylphenol

Concen: 7.592 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:107 Resp: 121371

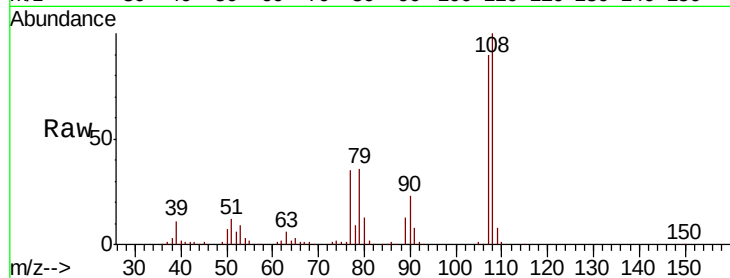
Ion Ratio Lower Upper

107 100

108 111.3 89.3 133.9

77 39.3 35.4 53.2

79 39.7 34.9 52.3

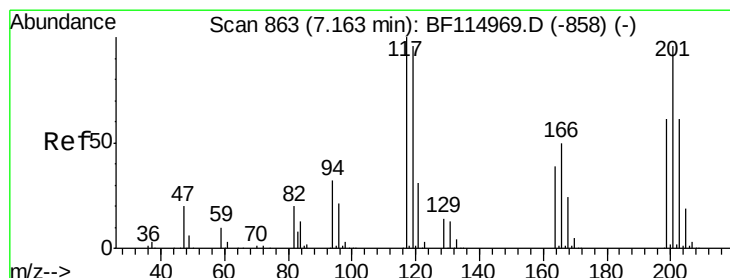
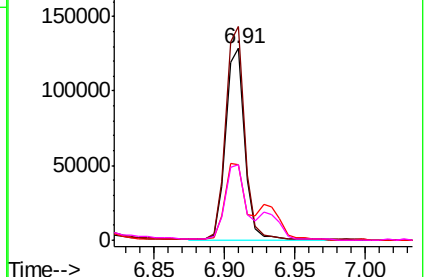
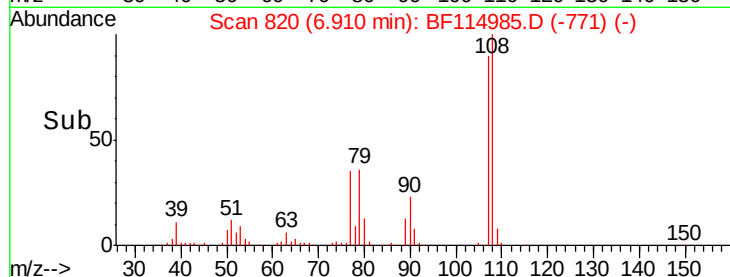


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 7.134 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

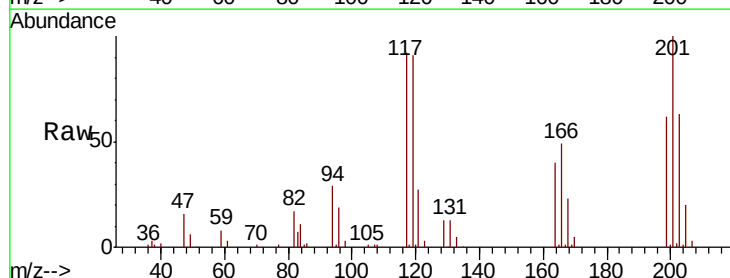
Tgt Ion:117 Resp: 57984

Ion Ratio Lower Upper

117 100

119 98.8 77.0 115.4

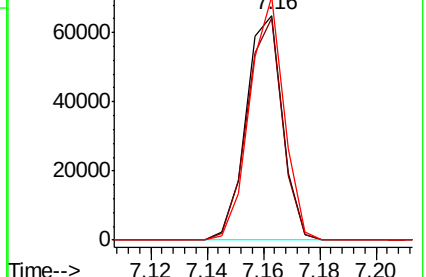
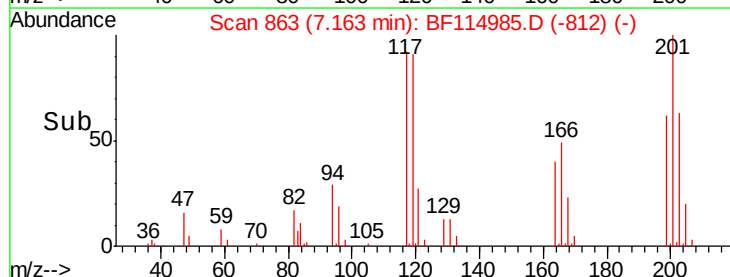
201 108.2 76.6 115.0

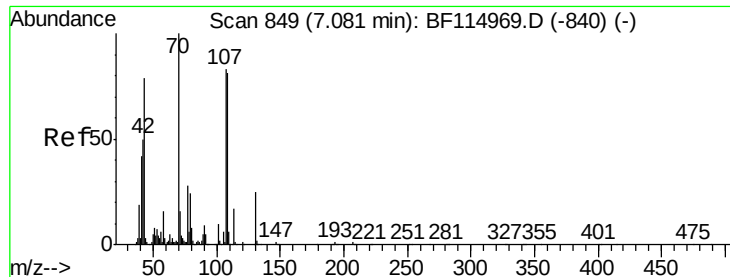


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

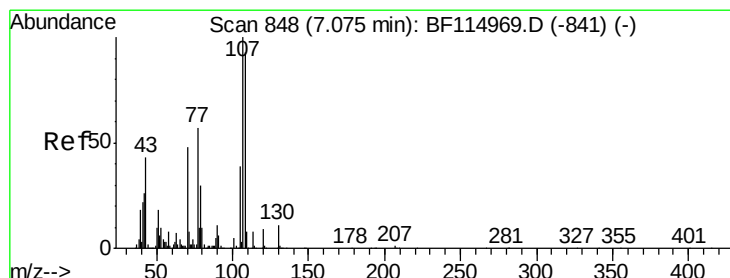
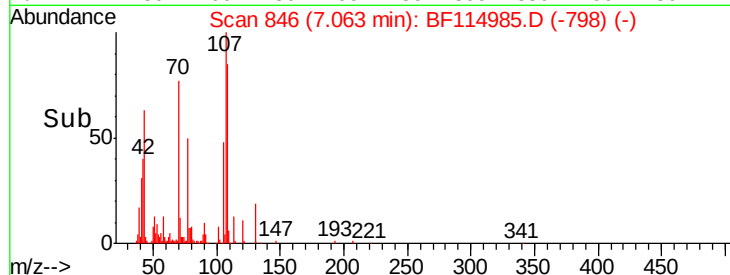
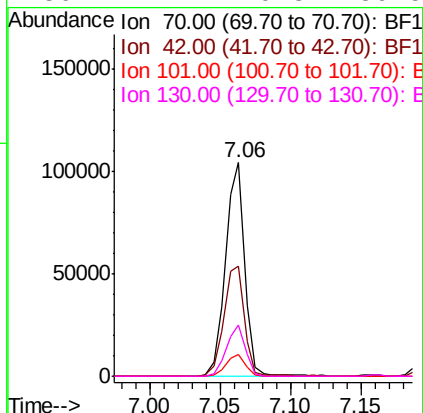
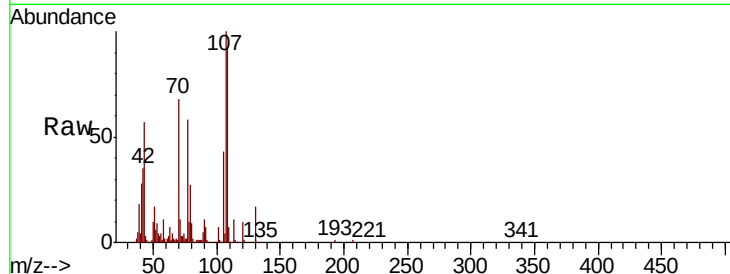




#19
n-Nitroso-di-n-propylamine
Concen: 7.913 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

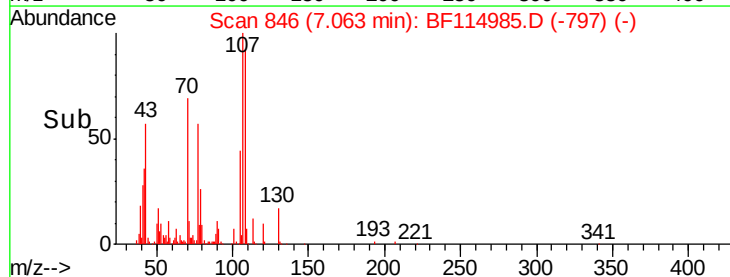
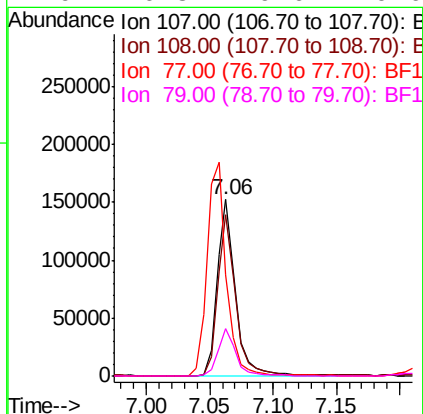
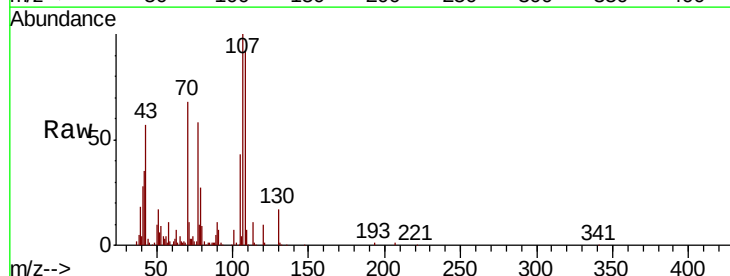
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

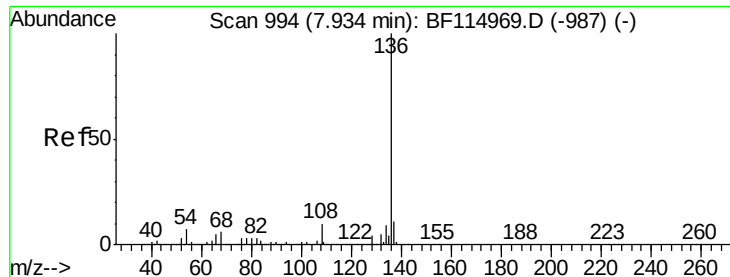
Tot Ion:	70	Resp:	98021
Ion	Ratio	Lower	Upper
70	100		
42	51.8	40.3	60.5
101	10.2	8.2	12.4
130	24.1	20.3	30.5



#20
3+4-Methylphenols
Concen: 8.148 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:	107	Resp:	155016
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.1	113.1
77	57.6	37.3	77.3
79	26.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:136 Resp: 1103858

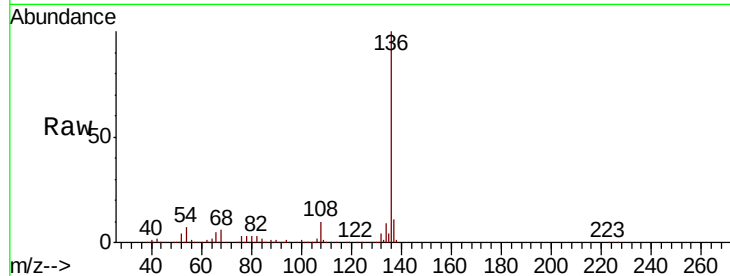
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.7 5.4 8.0

68 5.8 4.6 7.0

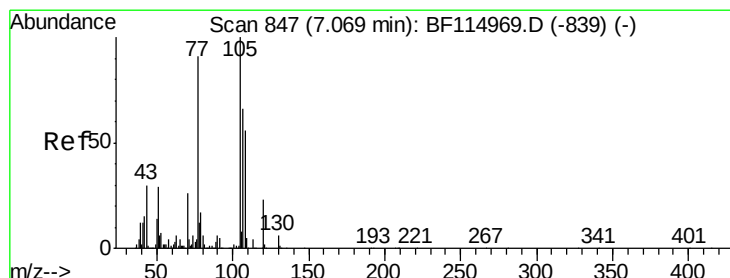
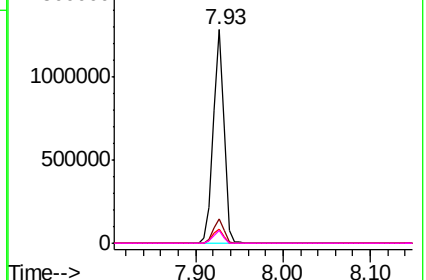
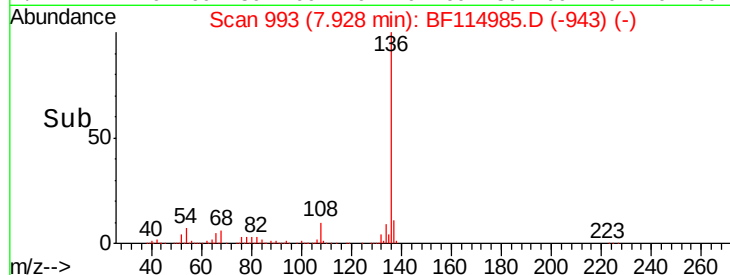


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 8.460 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Tgt Ion:105 Resp: 211391

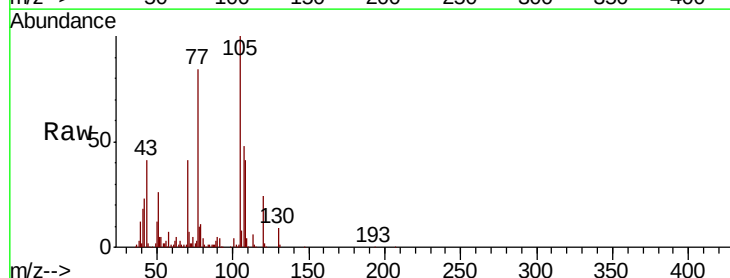
Ion Ratio Lower Upper

105 100

71 6.6 3.4 5.2#

51 25.6 23.3 34.9

120 23.7 18.8 28.2

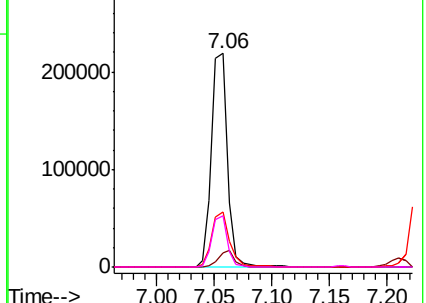
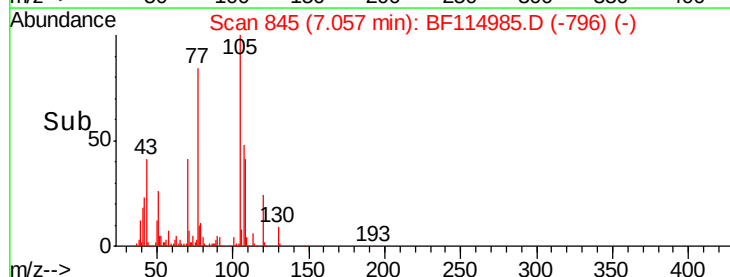


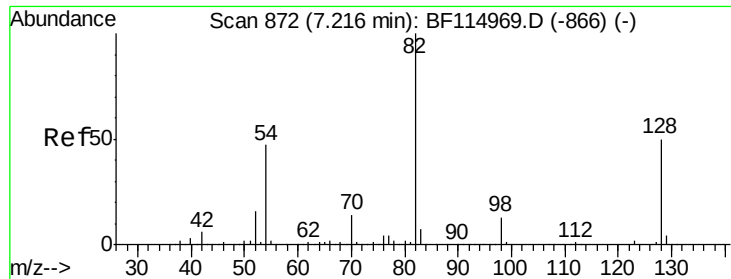
Abundance Ion 105.00 (104.70 to 105.70): E

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



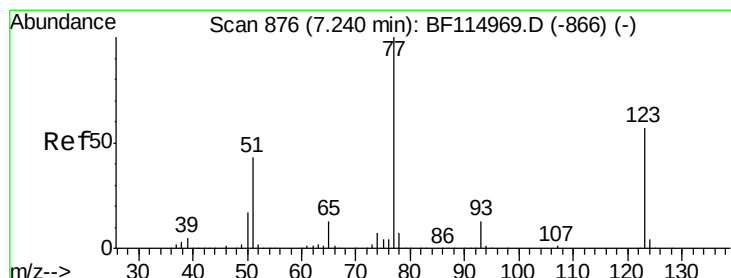
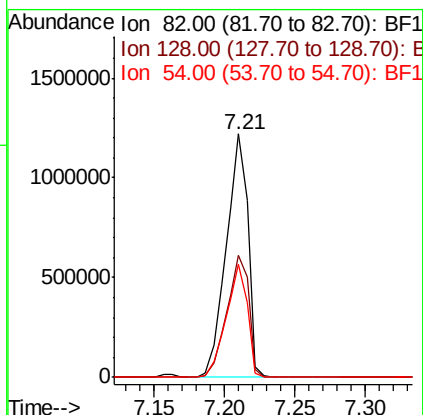
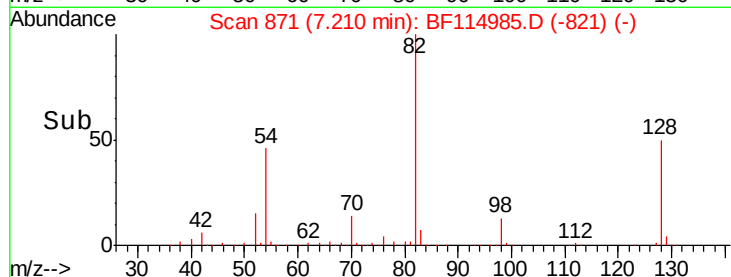
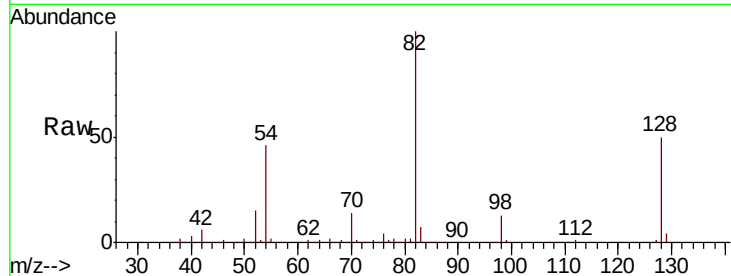


#23
 Nitrobenzene-d5
 Concen: 71.012 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion: 82 Resp: 1302287

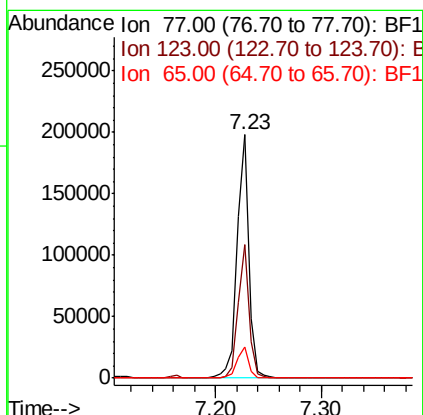
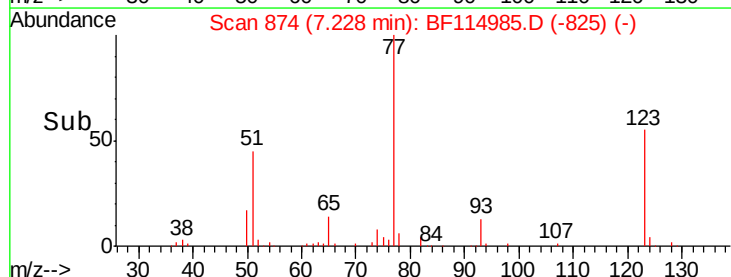
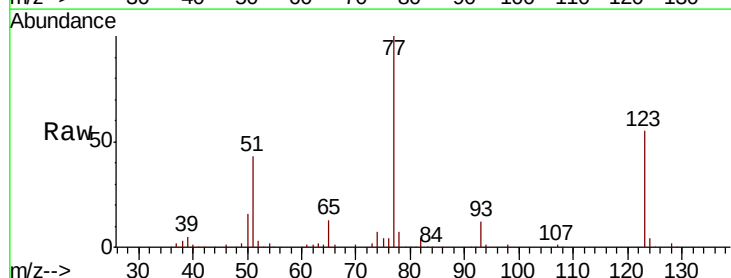
Ion	Ratio	Lower	Upper
82	100		
128	50.3	39.9	59.9
54	46.2	37.3	55.9

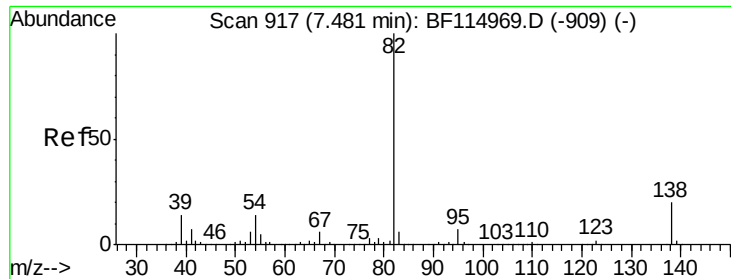


#24
 Nitrobenzene
 Concen: 8.117 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion: 77 Resp: 151463

Ion	Ratio	Lower	Upper
77	100		
123	54.8	45.5	68.3
65	12.8	10.3	15.5





#25

Isophorone

Concen: 7.922 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

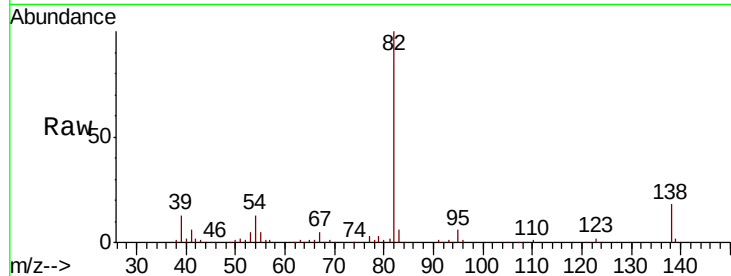
Tot Ion: 82 Resp: 272092

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

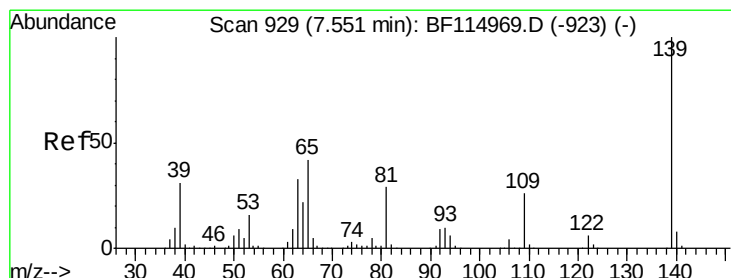
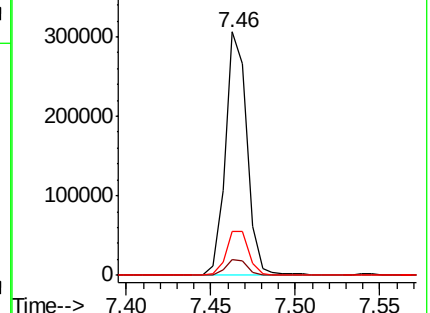
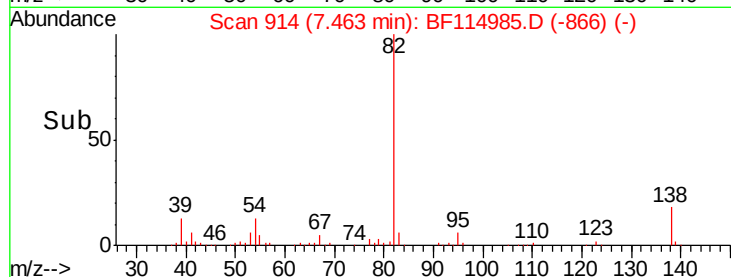
138 18.0 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 7.452 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

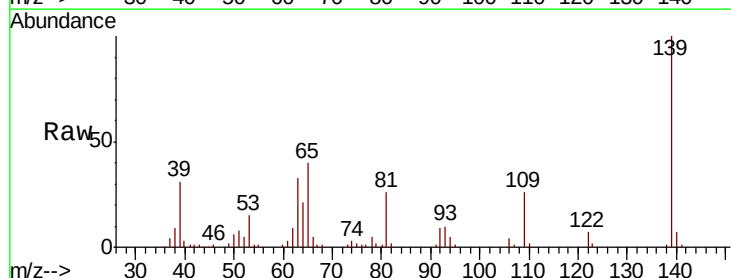
Tgt Ion: 139 Resp: 77507

Ion Ratio Lower Upper

139 100

109 25.9 20.8 31.2

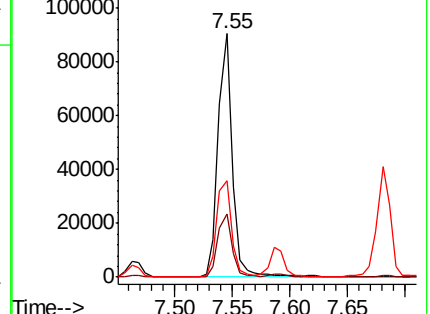
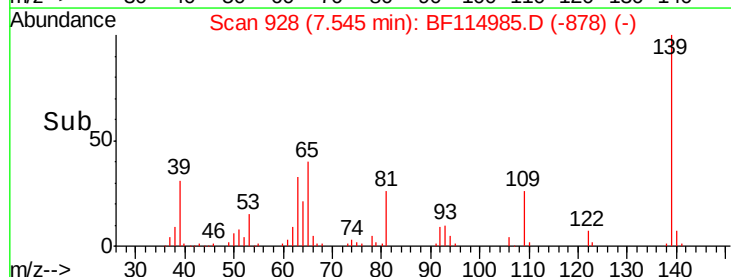
65 39.6 33.4 50.2

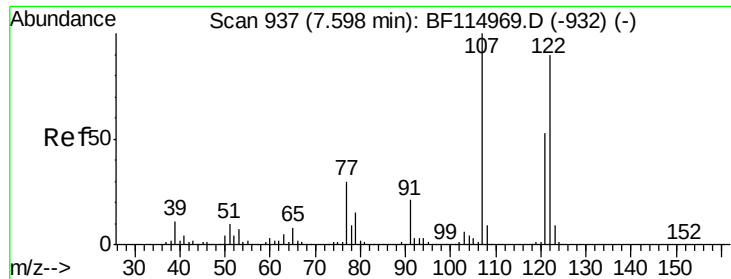


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

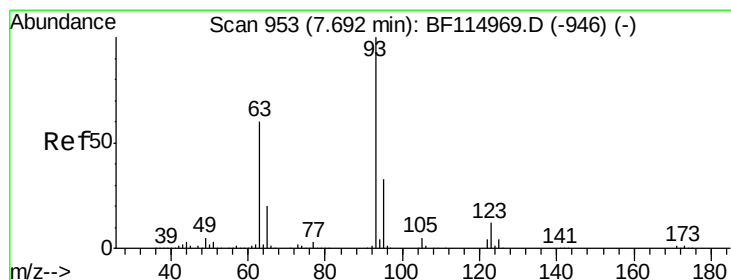
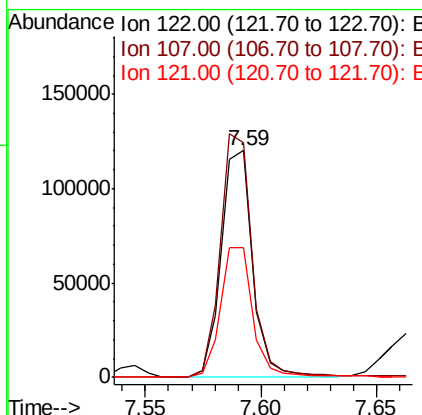
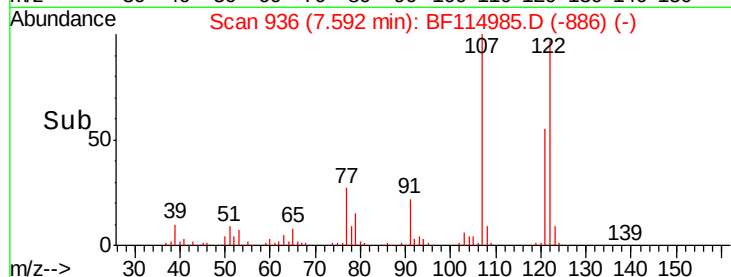
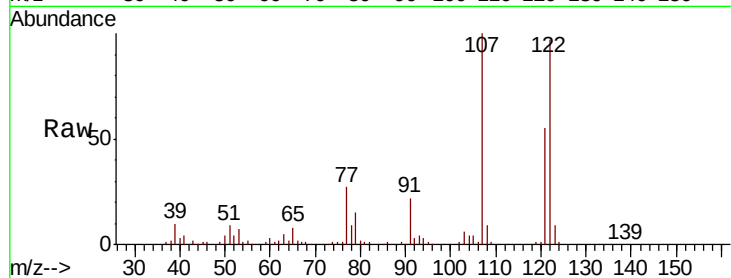




#27
2,4-Dimethylphenol
Concen: 7.652 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

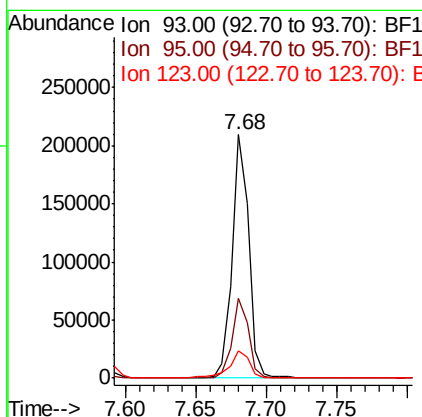
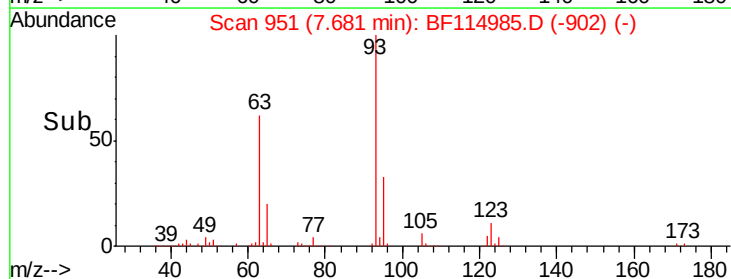
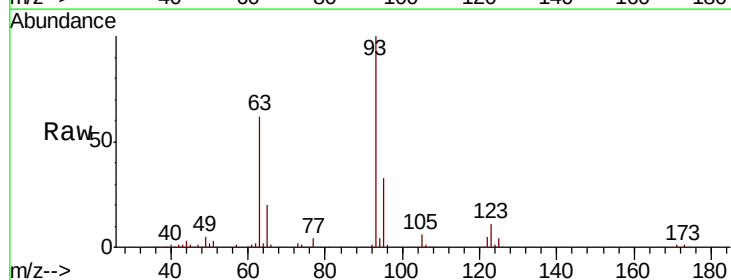
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

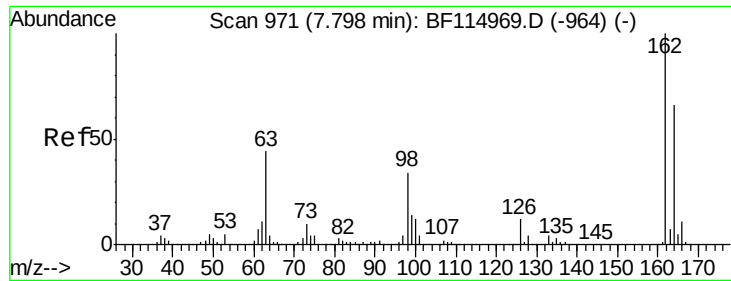
Tot Ion:122 Resp: 114800
Ion Ratio Lower Upper
122 100
107 103.5 88.8 133.2
121 57.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 7.792 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion: 93 Resp: 171702
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 11.4 9.9 14.9

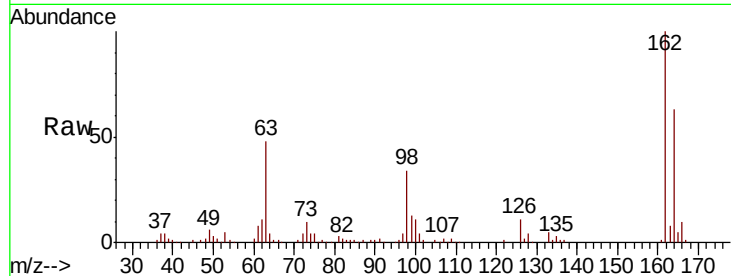




#29
 2,4-Dichlorophenol
 Concen: 7.958 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.7	85.7
98	34.2	14.0	54.0

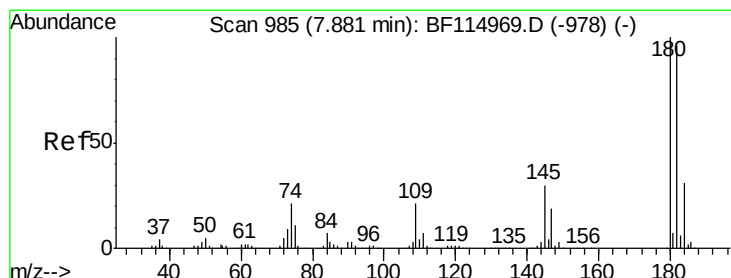
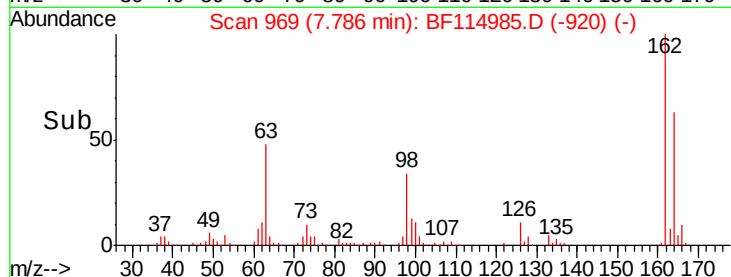
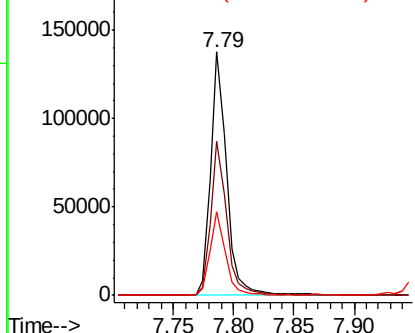


Abundance

Ion 162.00 (161.70 to 162.70): E

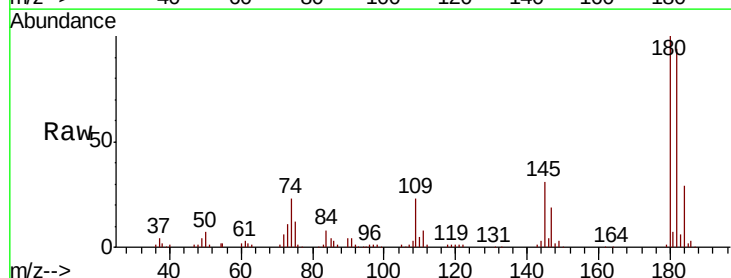
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 7.829 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.7	115.1
145	31.2	24.1	36.1

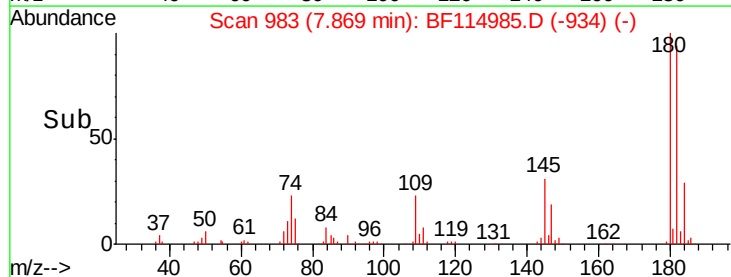
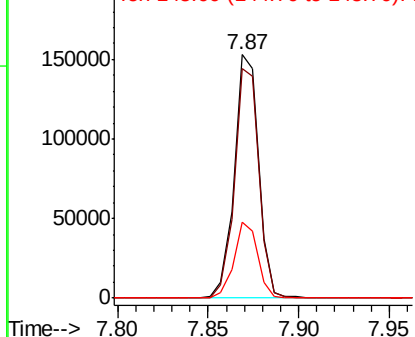


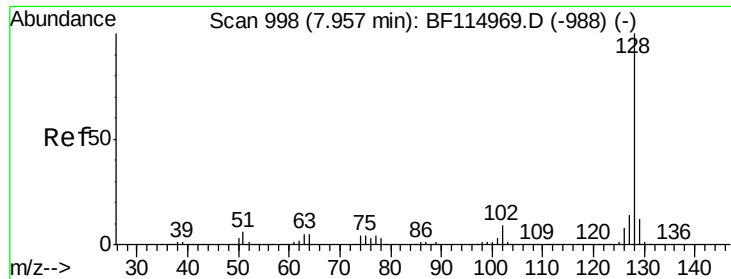
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

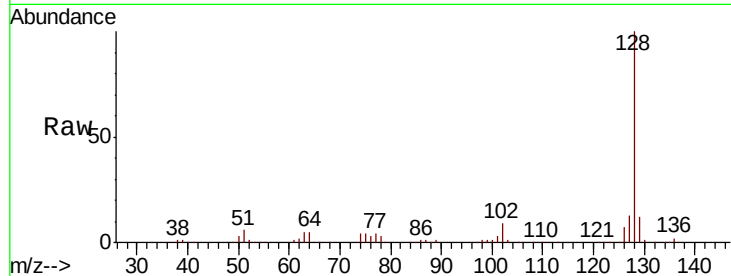




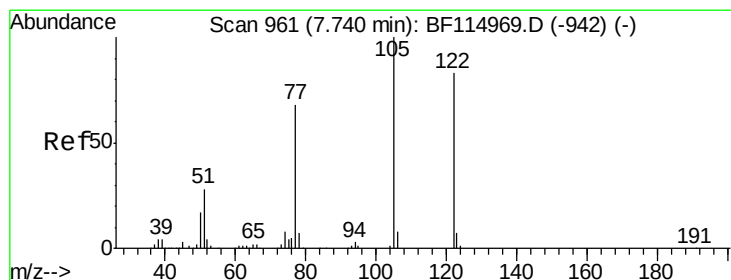
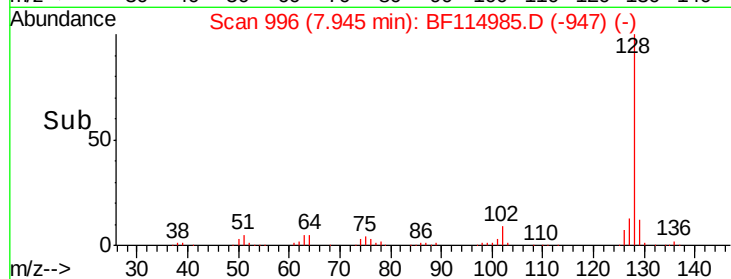
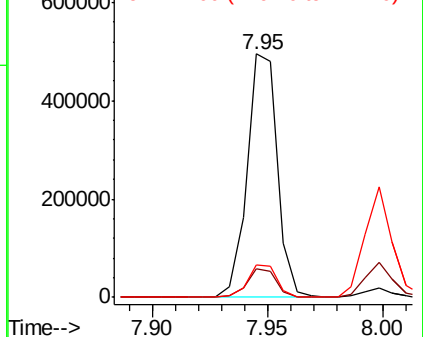
#31
Naphthalene
Concen: 8.715 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:128 Resp: 455174
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.1 11.5 17.3

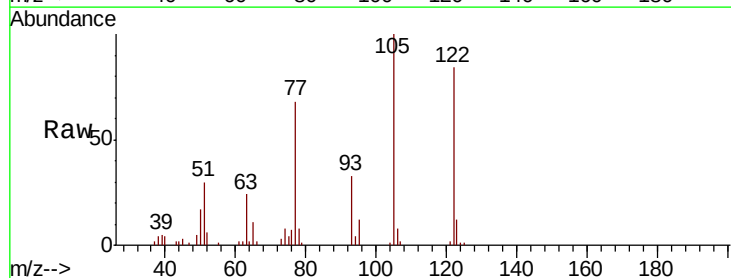


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

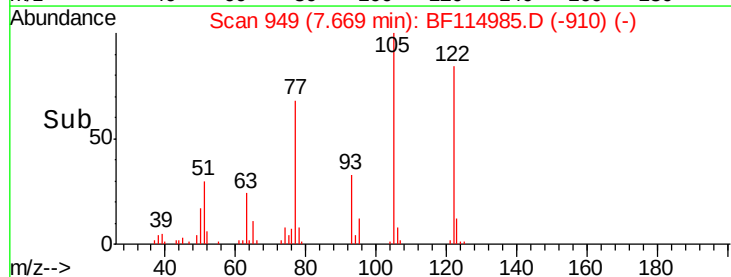
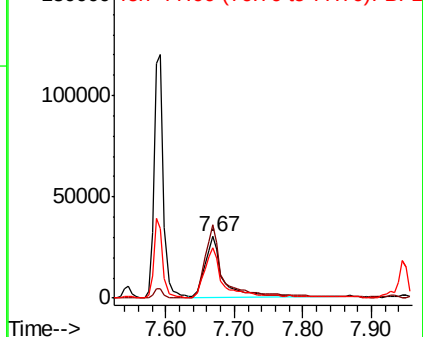


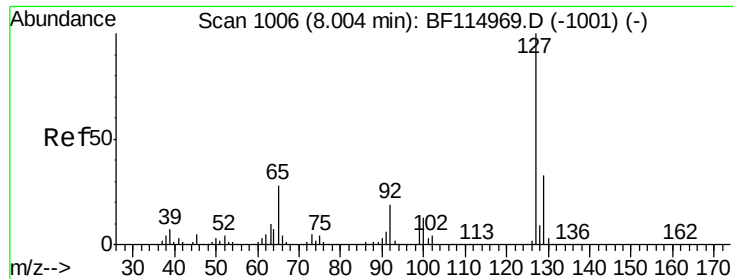
#32
Benzoic acid
Concen: 5.350 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.07 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:122 Resp: 58080
Ion Ratio Lower Upper
122 100
105 119.5 98.6 138.6
77 81.8 60.9 100.9



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

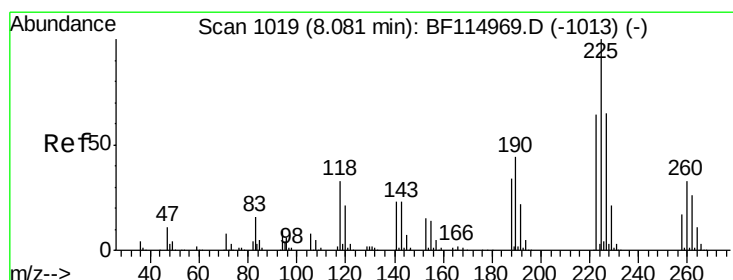
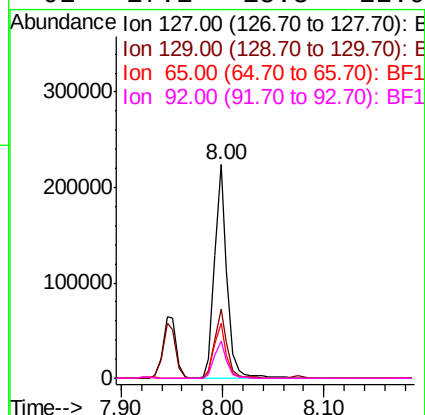
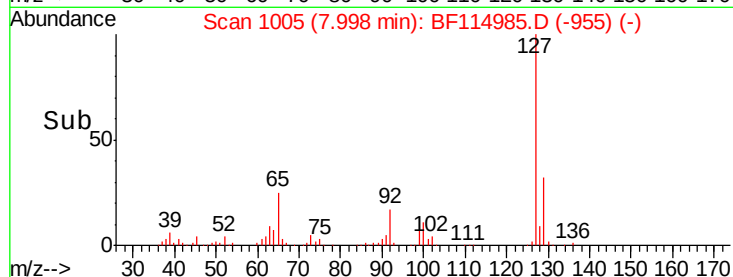
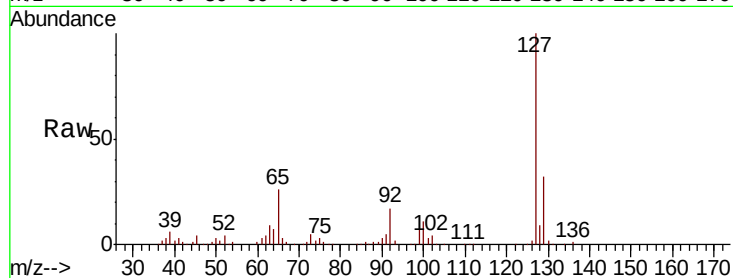




#33
4-Chloroaniline
Concen: 7.934 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

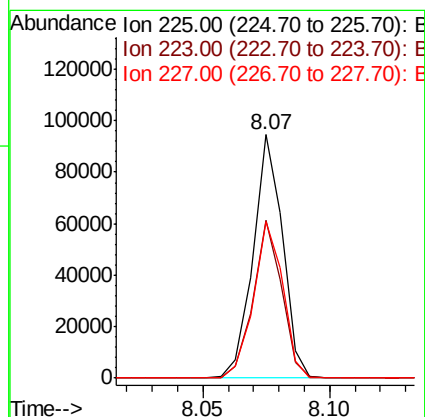
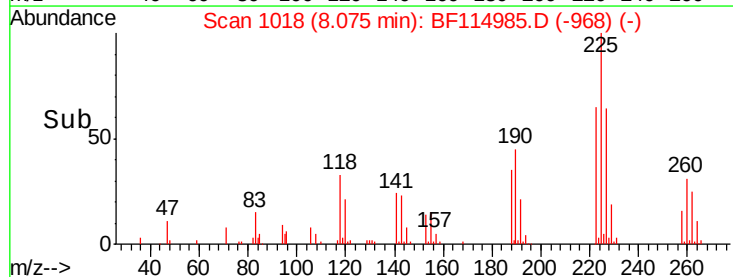
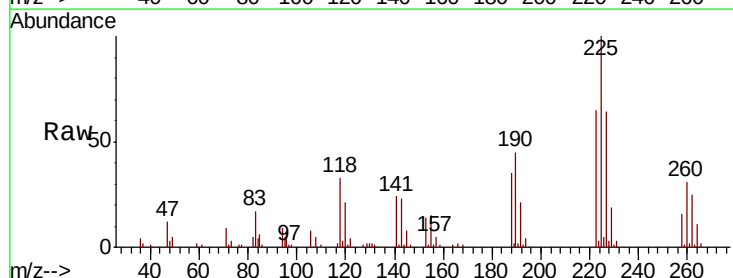
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

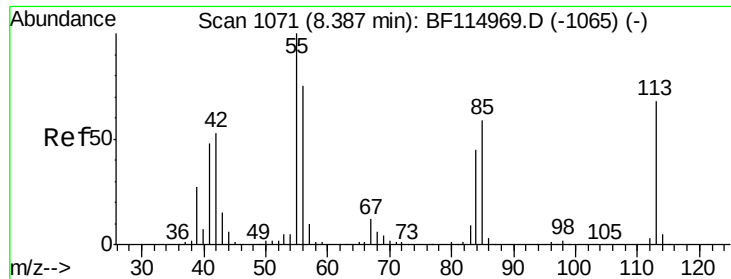
Tot Ion:127	Resp:	191274
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.1 39.1
65	25.5	22.3 33.5
92	17.1	15.3 22.9



#34
Hexachlorobutadiene
Concen: 7.505 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:225	Resp:	76399
Ion Ratio	Lower	Upper
225	100	
223	65.1	51.0 76.6
227	64.4	51.7 77.5

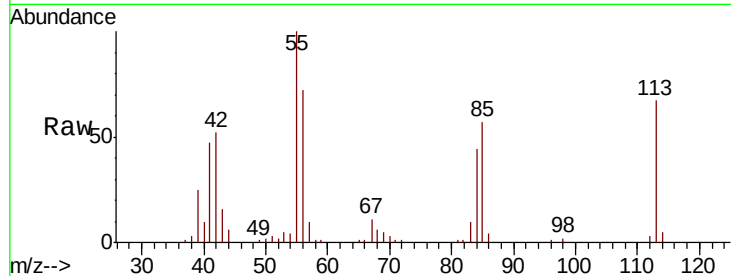




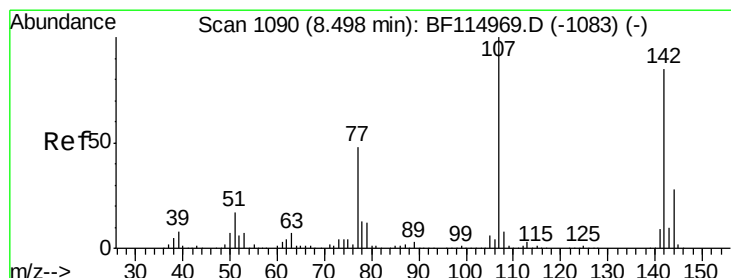
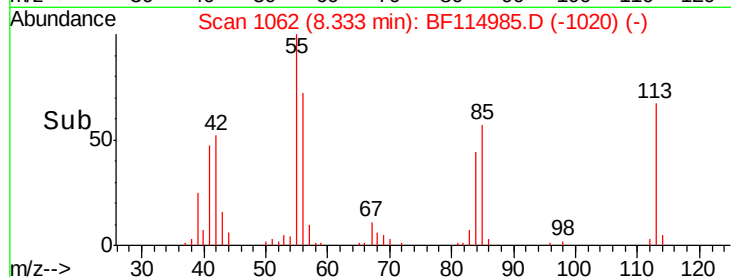
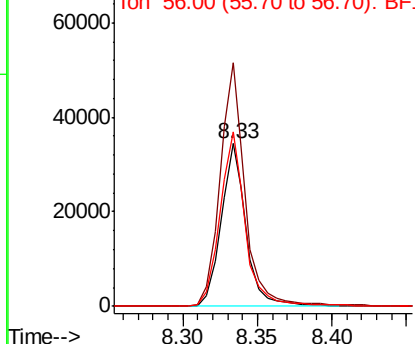
#35
Caprolactam
Concen: 7.584 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.05 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:113 Resp: 40034
Ion Ratio Lower Upper
113 100
55 149.8 127.3 167.3
56 107.3 90.6 130.6

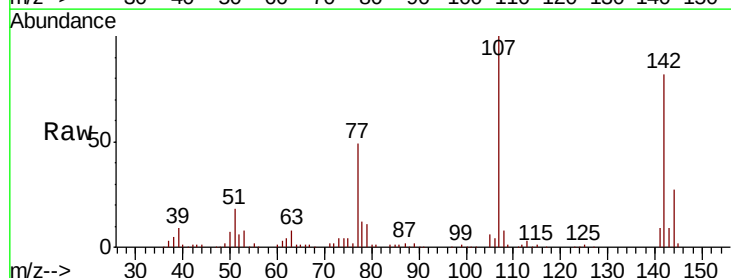


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

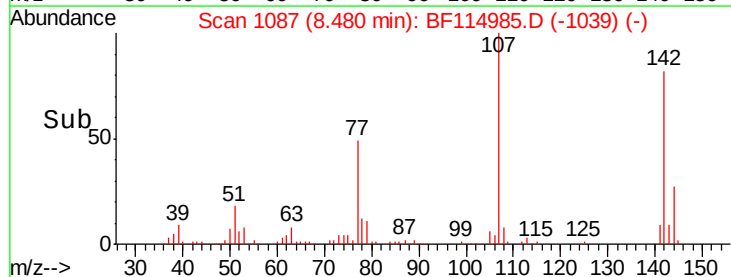
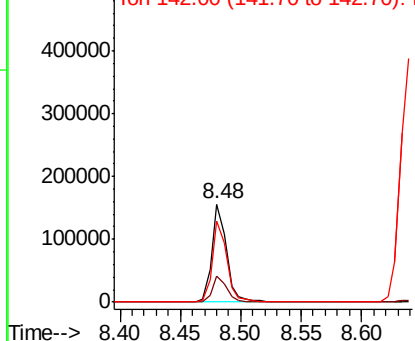


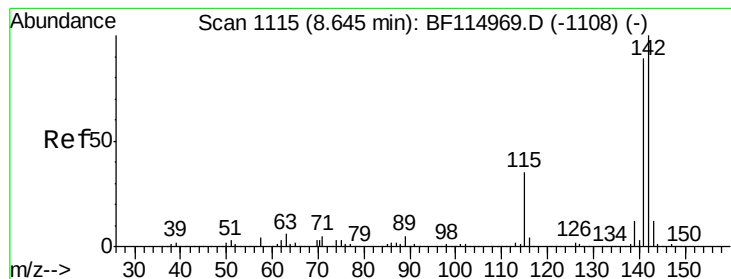
#36
4-Chloro-3-methylphenol
Concen: 8.111 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:107 Resp: 129557
Ion Ratio Lower Upper
107 100
144 26.9 22.0 33.0
142 82.3 68.2 102.4



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





#37

2-Methylnaphthalene

Concen: 8.975 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

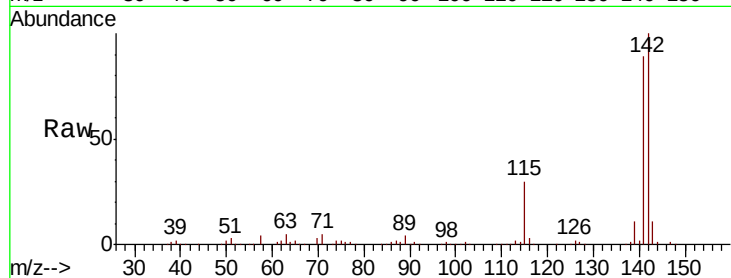
Tot Ion:142 Resp: 312632

Ion Ratio Lower Upper

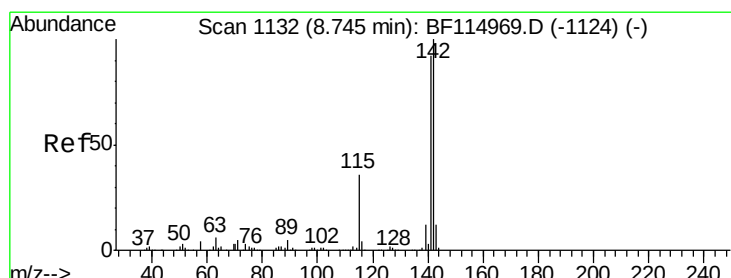
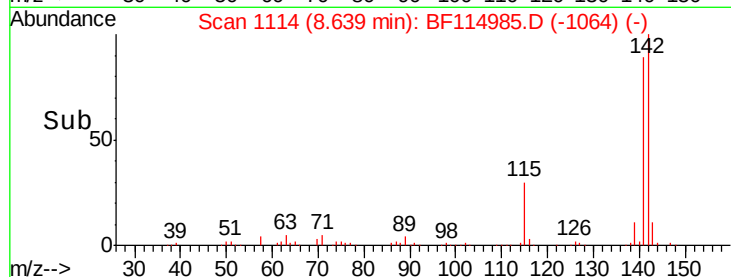
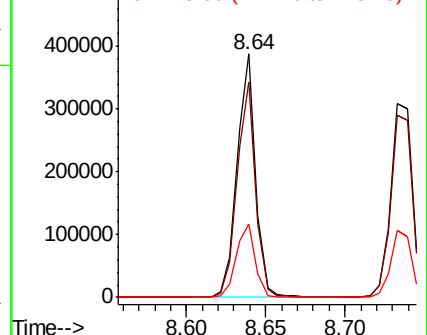
142 100

141 88.5 71.0 106.6

115 30.2 27.9 41.9



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



#38

1-Methylnaphthalene

Concen: 8.831 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

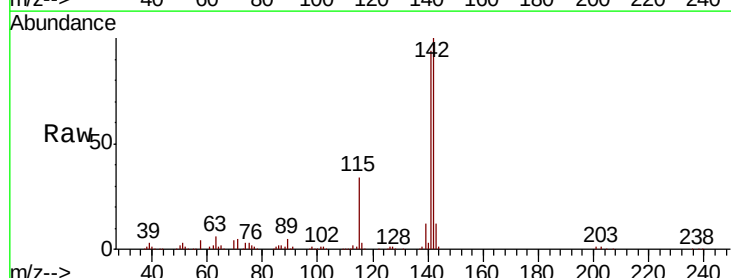
Tgt Ion:142 Resp: 290745

Ion Ratio Lower Upper

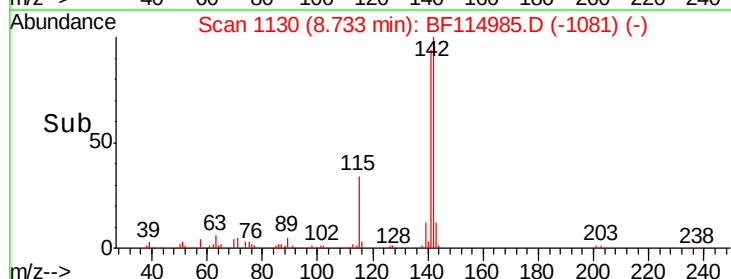
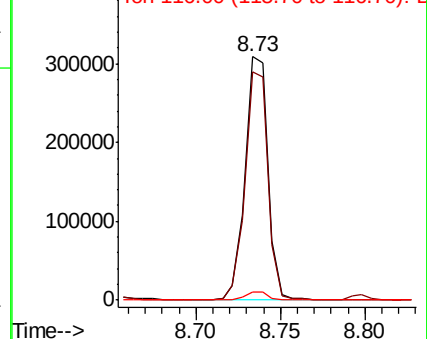
142 100

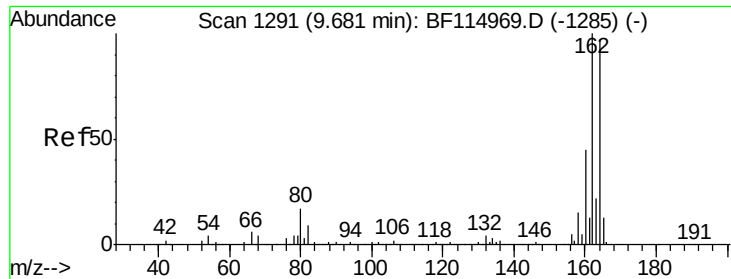
141 93.6 73.8 110.8

116 3.5 2.9 4.3



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

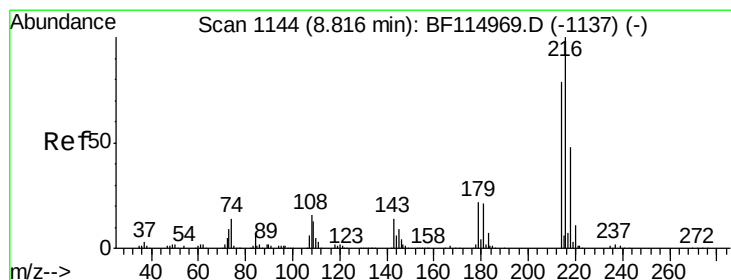
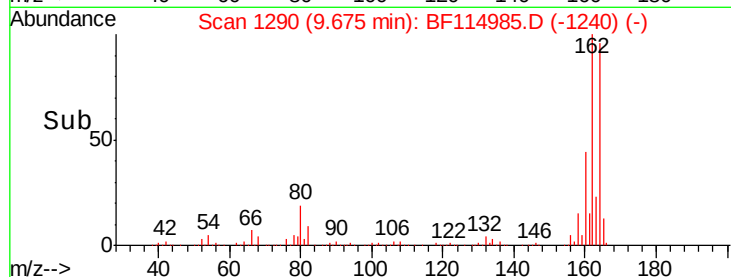
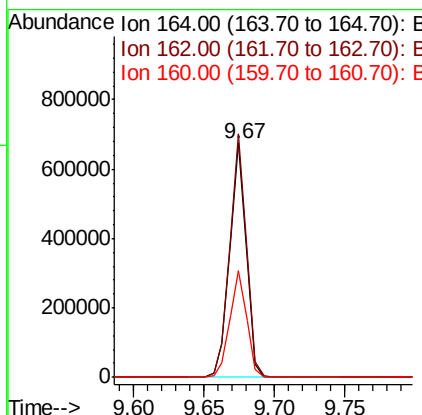
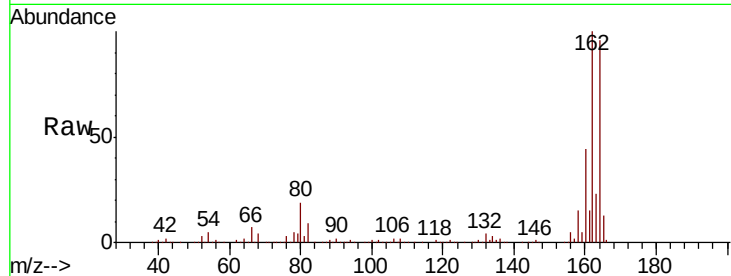




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

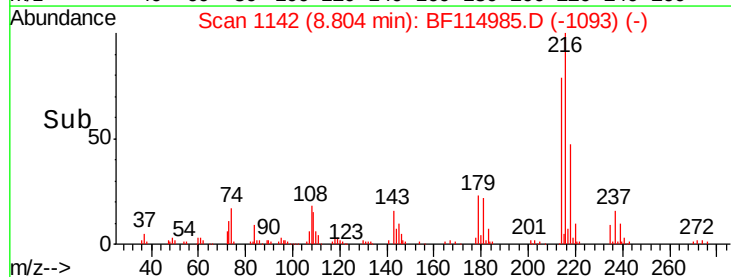
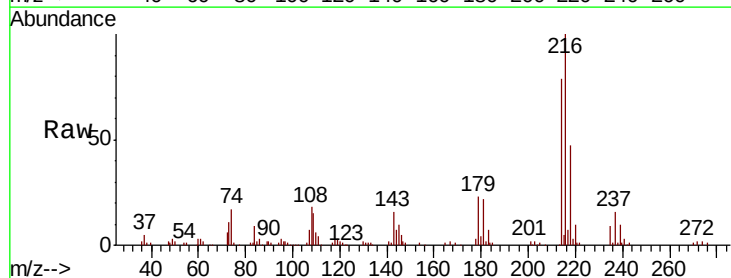
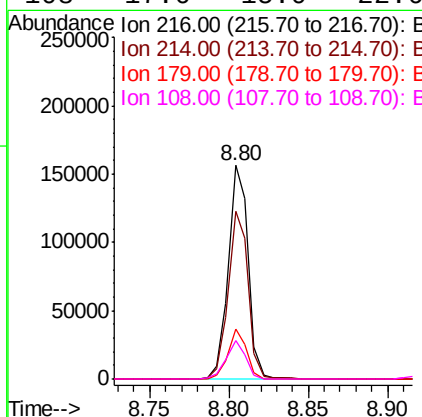
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

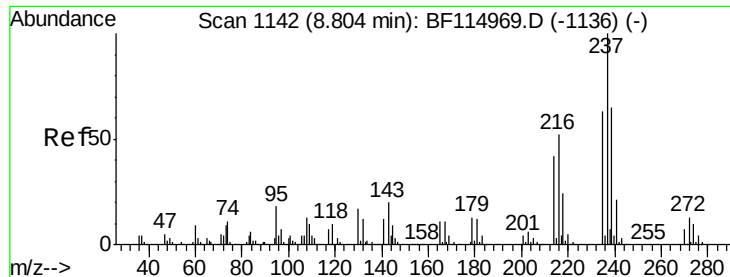
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	124.0
160	45.7	36.9	55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.307 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	21.6	18.2	27.4
108	17.6	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 5.172 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

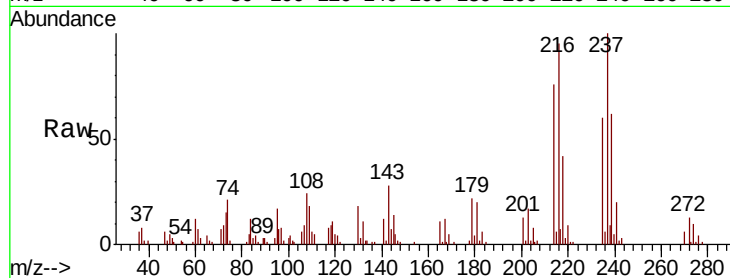
Tot Ion:237 Resp: 41557

Ion Ratio Lower Upper

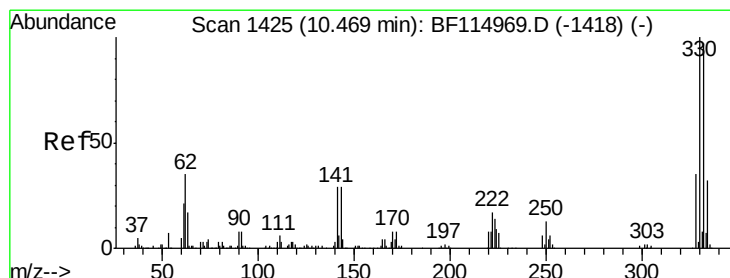
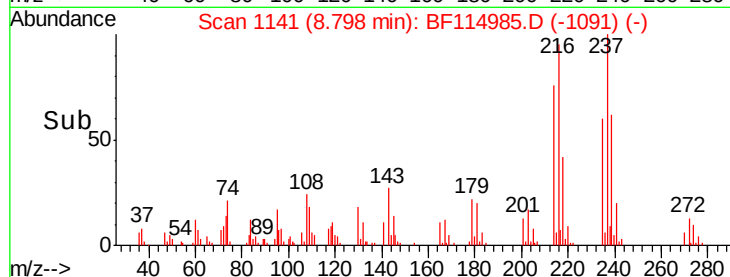
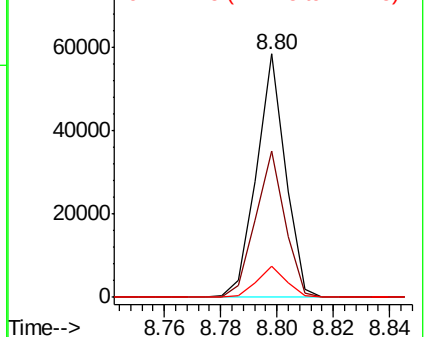
237 100

235 60.0 42.7 82.7

272 13.0 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.573 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

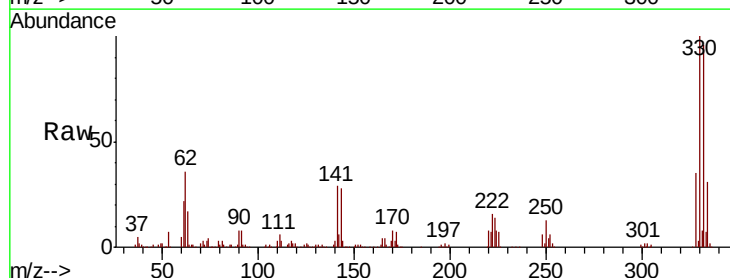
Tgt Ion:330 Resp: 653532

Ion Ratio Lower Upper

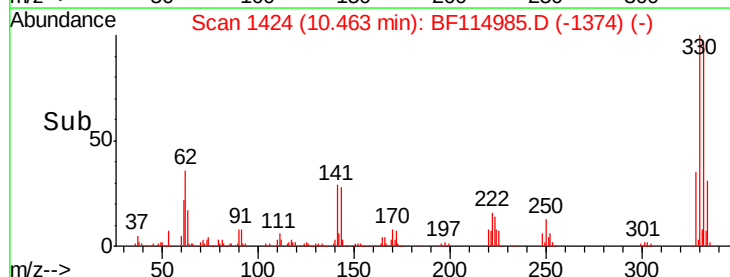
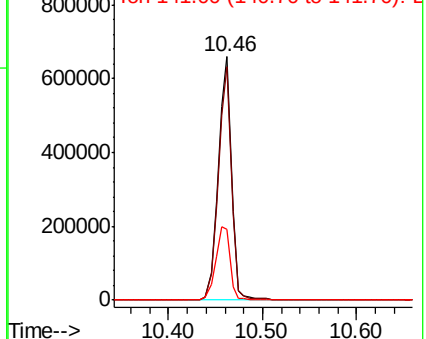
330 100

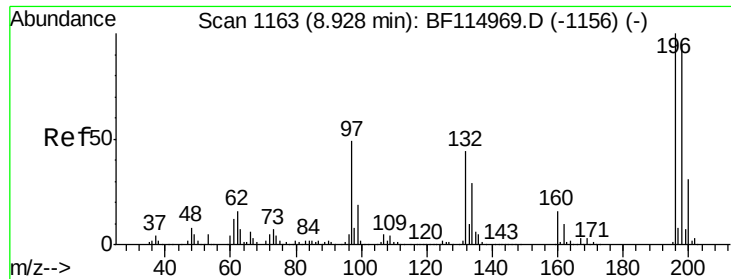
332 95.8 77.6 116.4

141 33.0 27.2 40.8



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

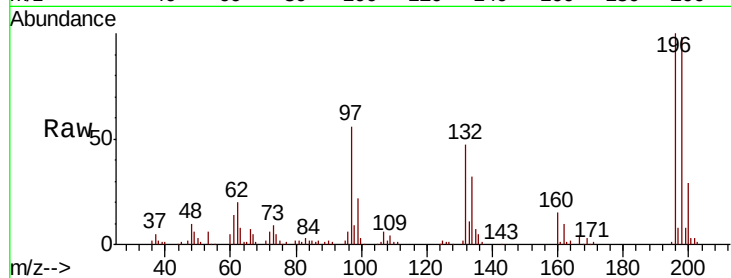




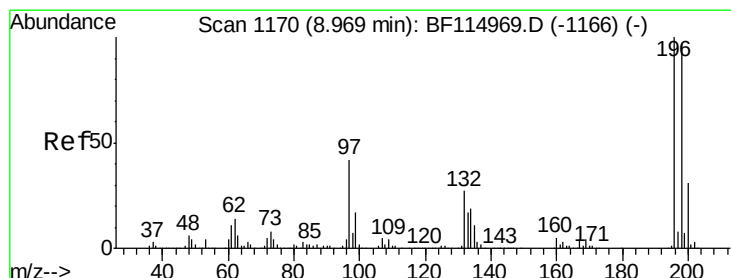
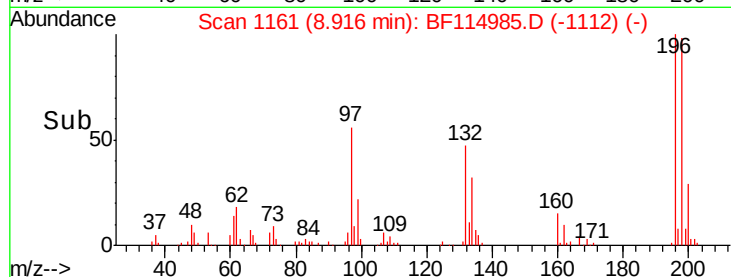
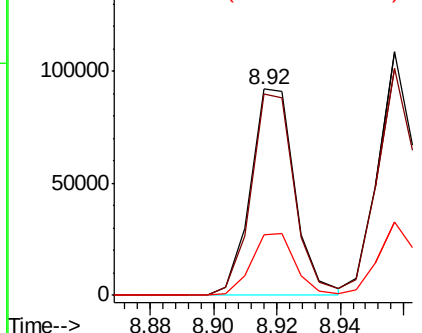
#43
 2,4,6-Trichlorophenol
 Concen: 7.324 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion:196	Resp:	89196
Ion Ratio	Lower	Upper
196	100	
198	97.7	75.8 113.8
200	29.2	24.9 37.3

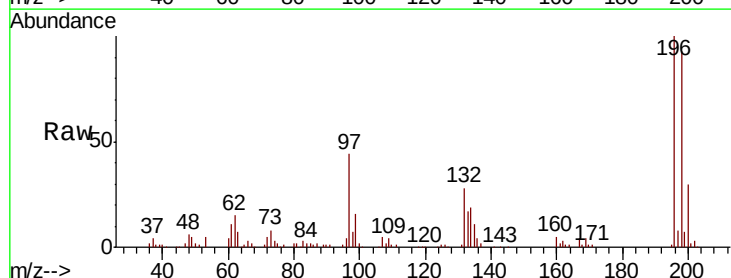


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

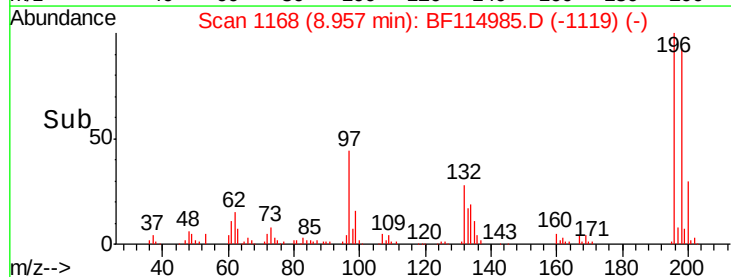
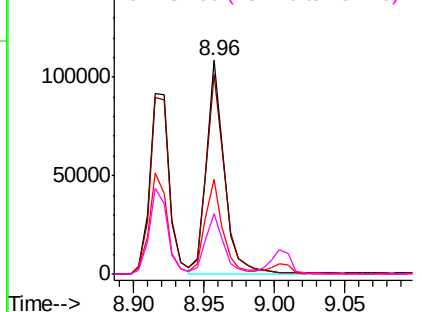


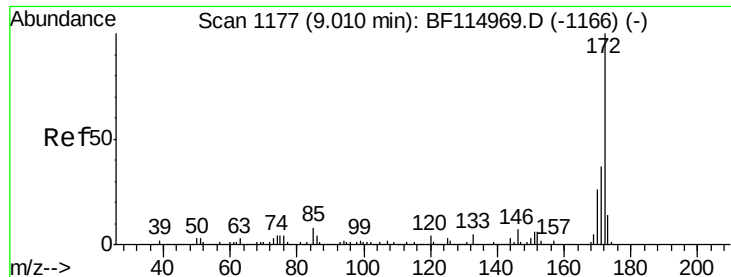
#44
 2,4,5-Trichlorophenol
 Concen: 7.808 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion:196	Resp:	96097
Ion Ratio	Lower	Upper
196	100	
198	93.4	77.3 115.9
97	44.2	34.2 51.4
132	28.1	22.1 33.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

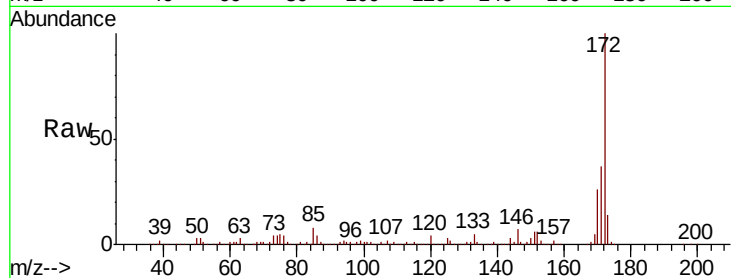




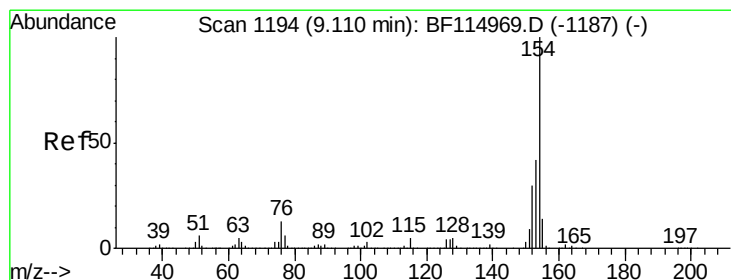
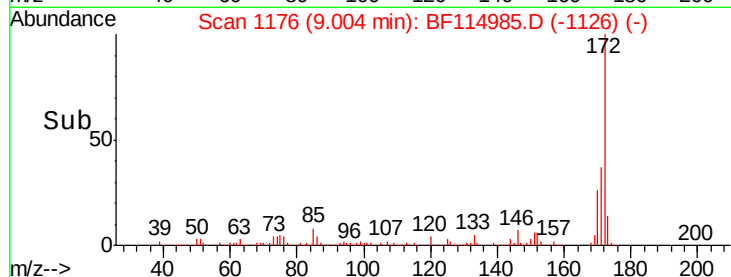
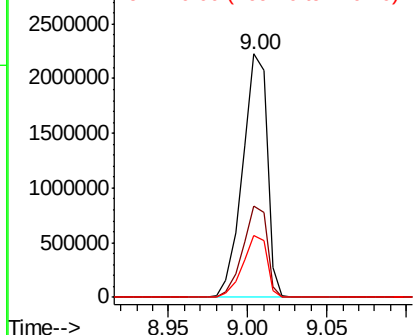
#45
2-Fluorobiphenyl
Concen: 73.423 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:172 Resp: 2391064
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.6 20.6 31.0

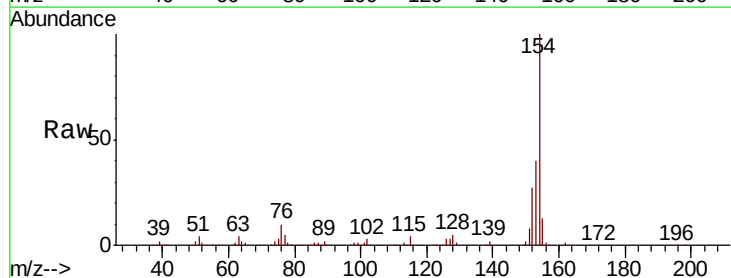


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

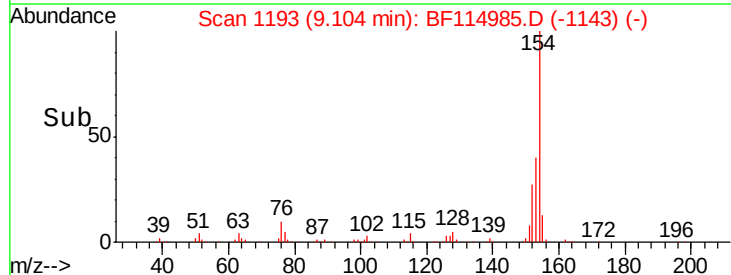
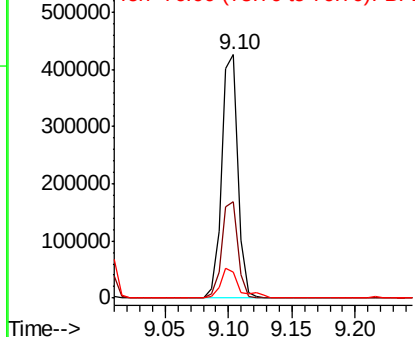


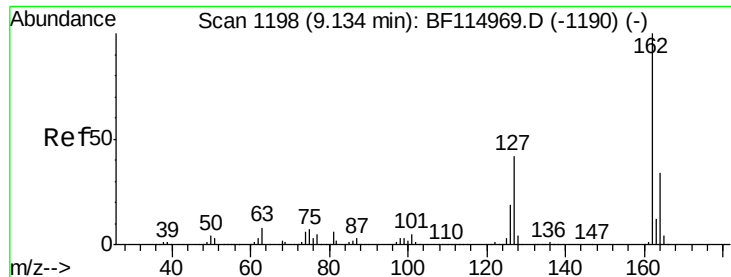
#46
1,1'-Biphenyl
Concen: 8.650 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:154 Resp: 382578
Ion Ratio Lower Upper
154 100
153 39.8 22.4 62.4
76 10.5 0.0 33.3



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





#47

2-Chloronaphthalene

Concen: 8.049 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

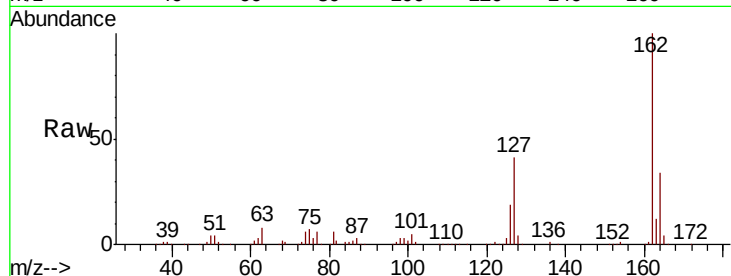
Tot Ion:162 Resp: 287892

Ion Ratio Lower Upper

162 100

127 40.5 33.4 50.2

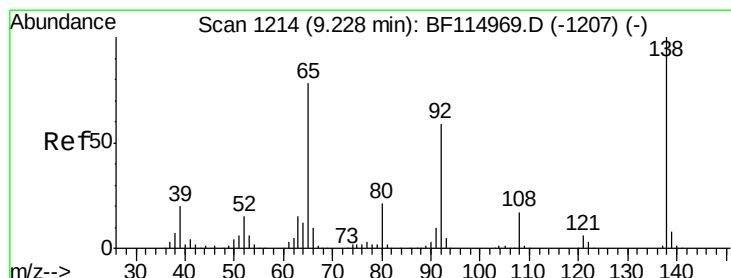
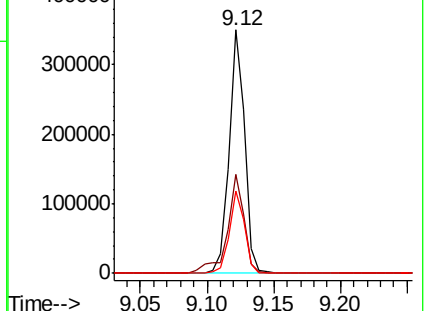
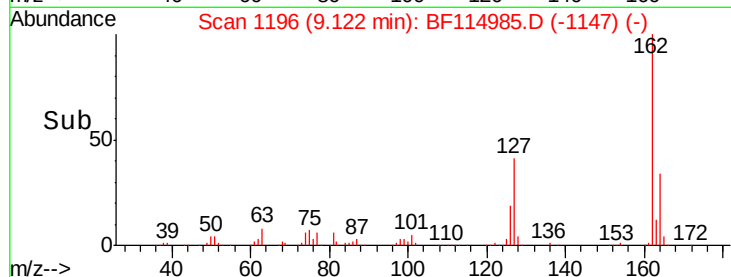
164 33.7 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 7.049 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

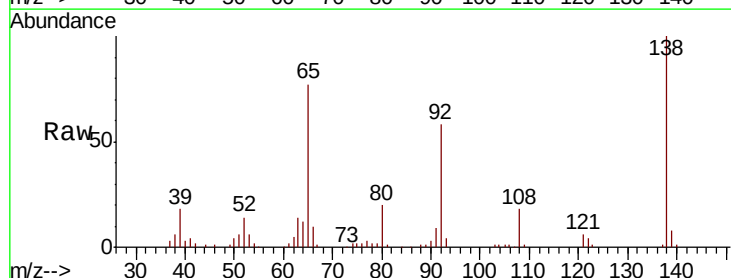
Tgt Ion: 65 Resp: 74520

Ion Ratio Lower Upper

65 100

92 74.9 60.5 90.7

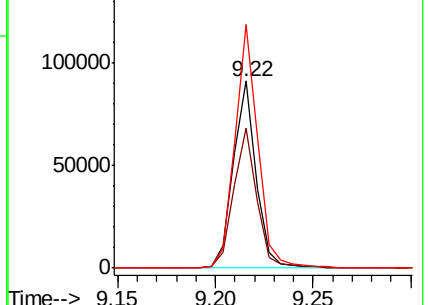
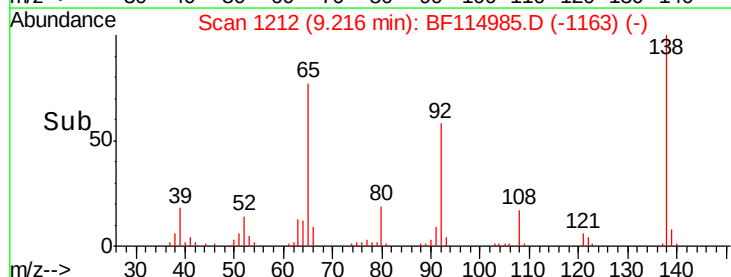
138 130.2 102.0 153.0

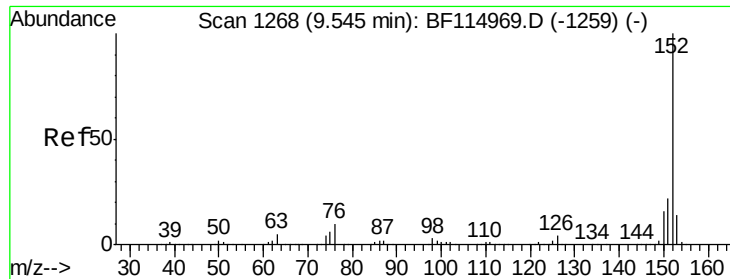


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.624 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

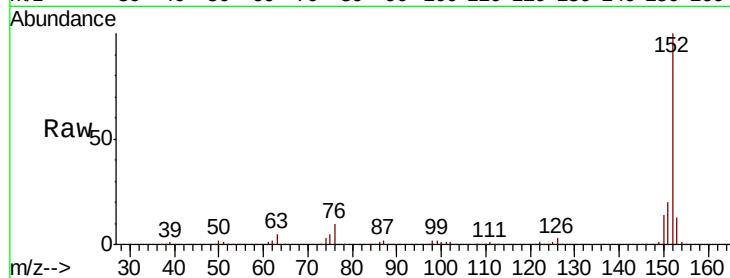
Tot Ion:152 Resp: 474228

Ion Ratio Lower Upper

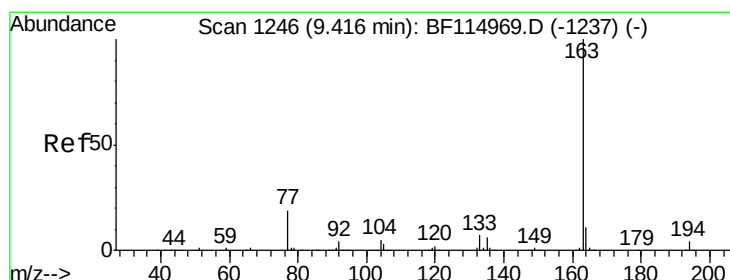
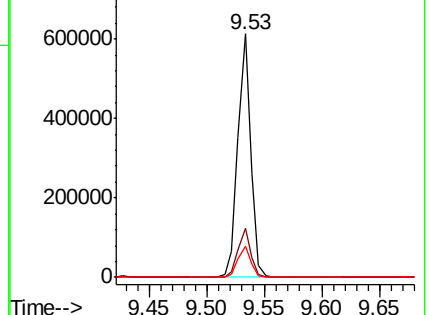
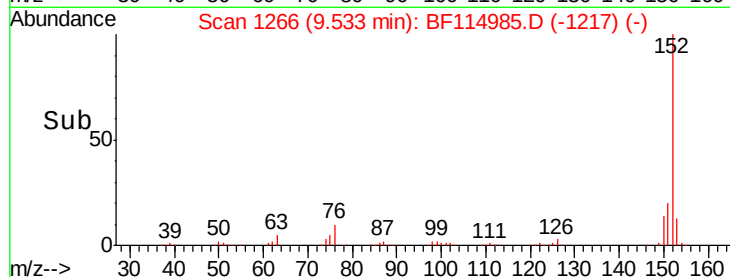
152 100

151 20.0 17.5 26.3

153 12.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.026 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

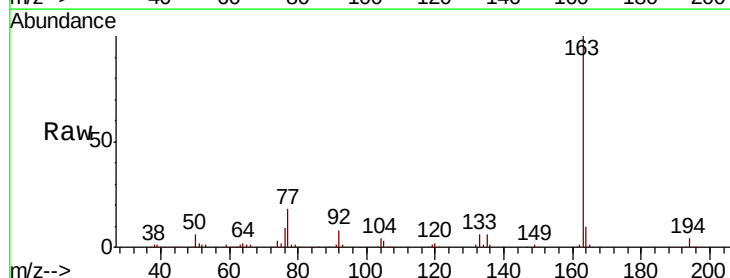
Tgt Ion:163 Resp: 333153

Ion Ratio Lower Upper

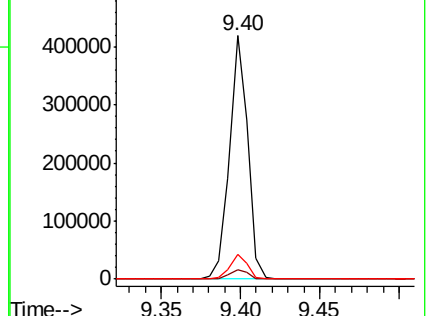
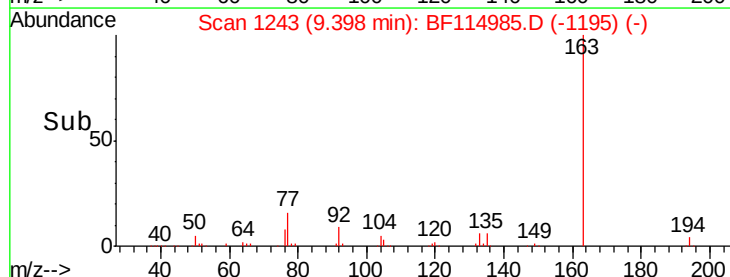
163 100

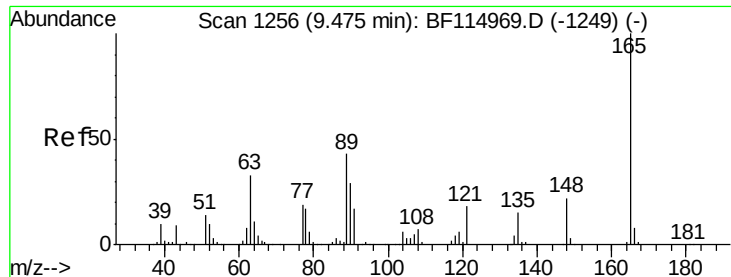
194 3.8 3.3 4.9

164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

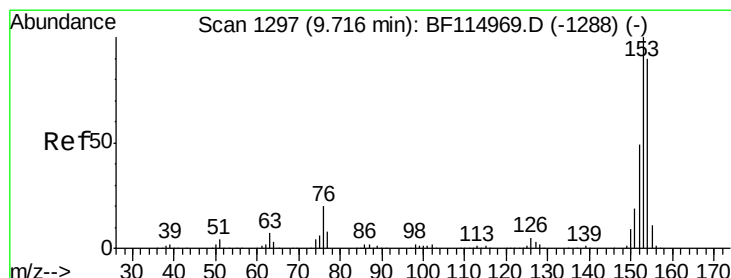
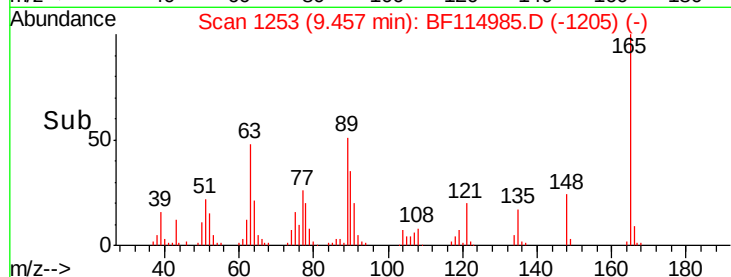
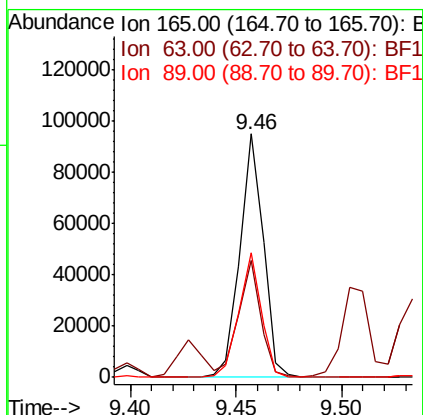
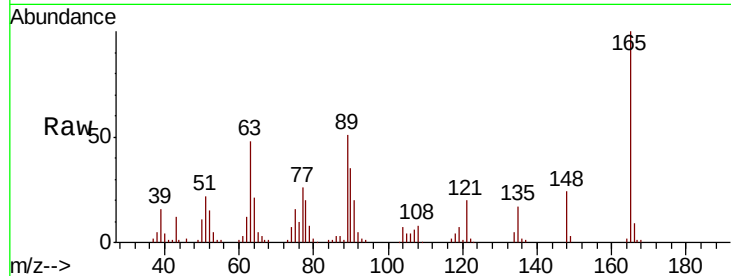




#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

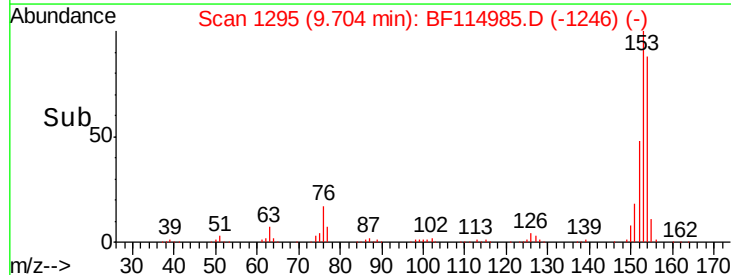
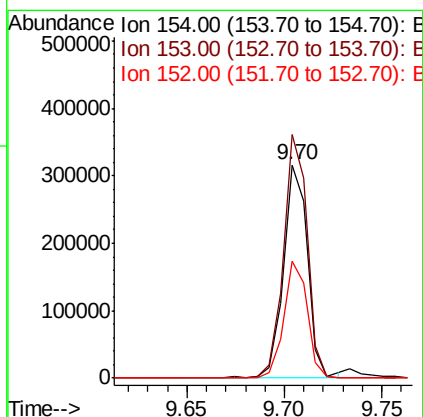
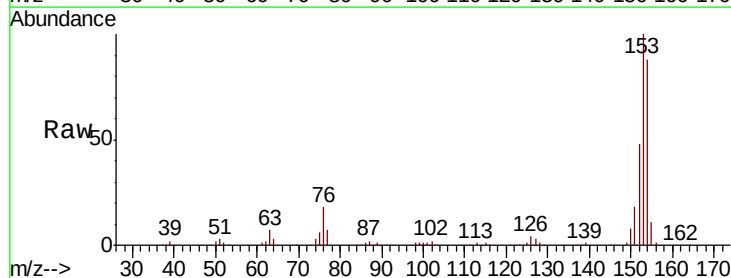
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

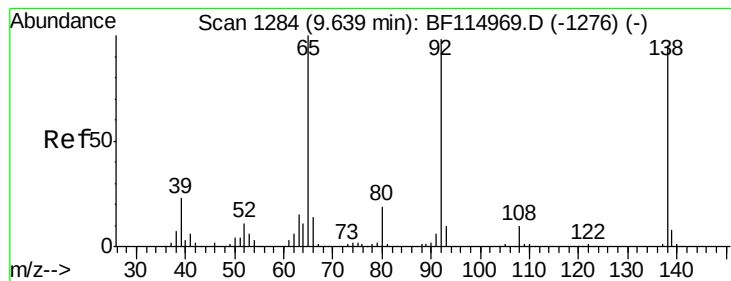
Tot Ion:165 Resp: 72480
Ion Ratio Lower Upper
165 100
63 47.9 30.6 46.0#
89 51.4 34.4 51.6



#52
Acenaphthene
Concen: 8.610 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:154 Resp: 270889
Ion Ratio Lower Upper
154 100
153 114.3 88.5 132.7
152 55.1 43.6 65.4





#53

3-Nitroaniline

Concen: 7.352 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

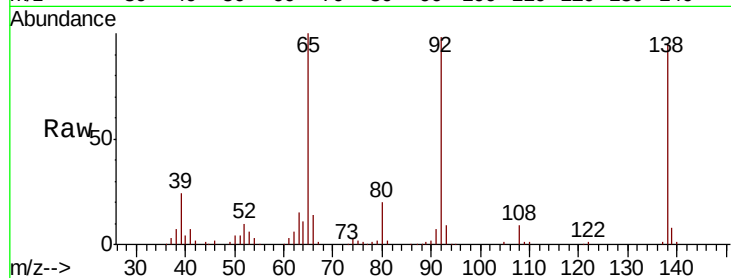
Tot Ion:138 Resp: 84818

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

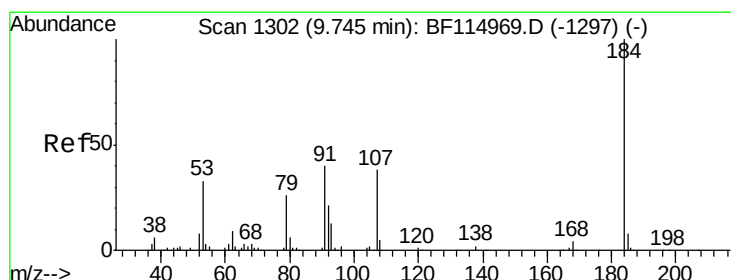
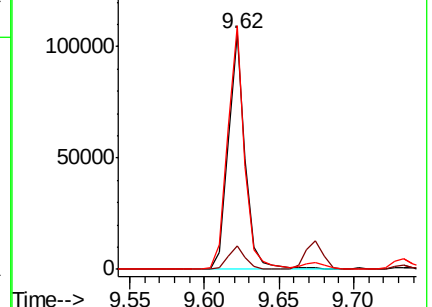
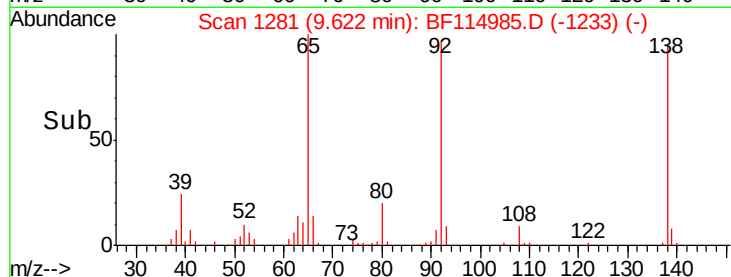
92 103.3 82.4 123.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 5.074 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

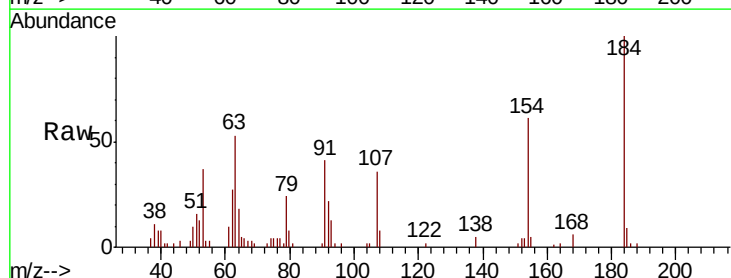
Tgt Ion:184 Resp: 23172

Ion Ratio Lower Upper

184 100

63 52.8 40.5 60.7

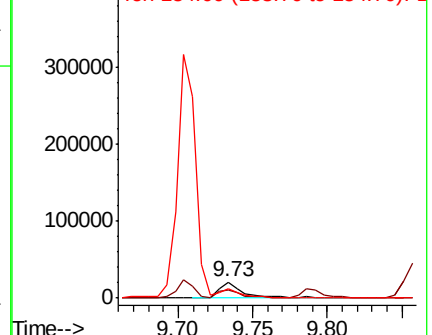
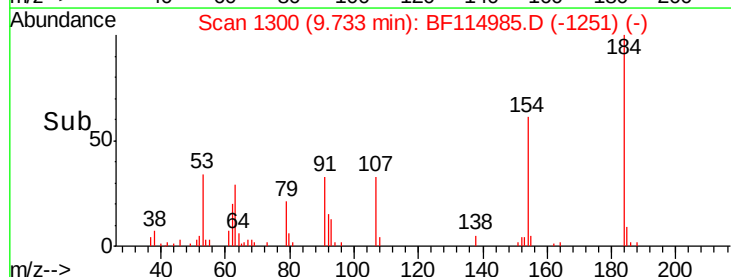
154 61.3 44.8 67.2

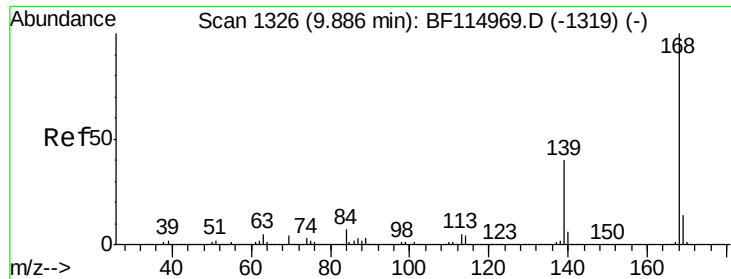


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

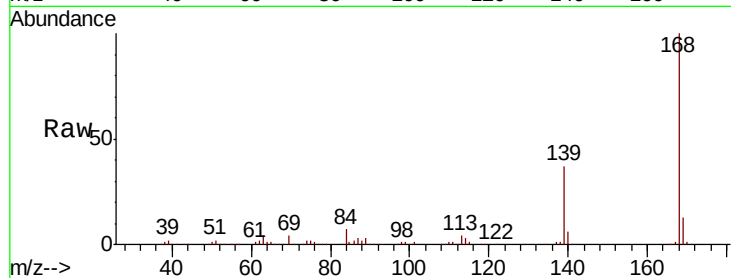




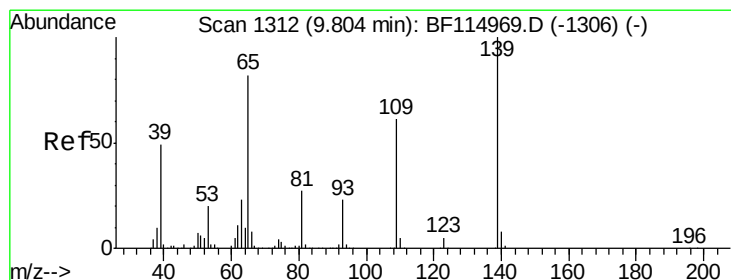
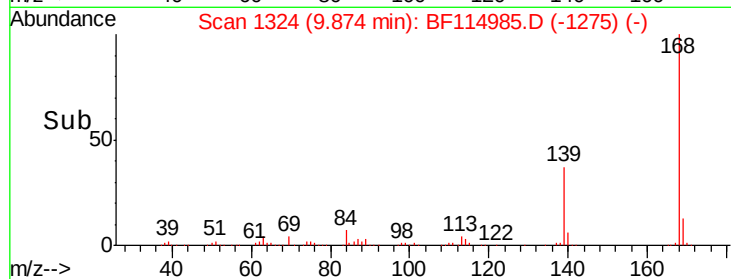
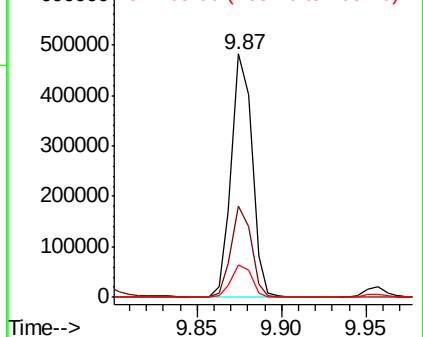
#55
Dibenzenofuran
Concen: 8.747 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:168 Resp: 414759
Ion Ratio Lower Upper
168 100
139 37.3 32.5 48.7
169 13.1 11.5 17.3

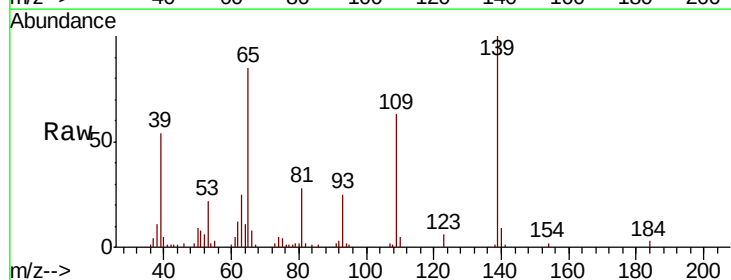


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

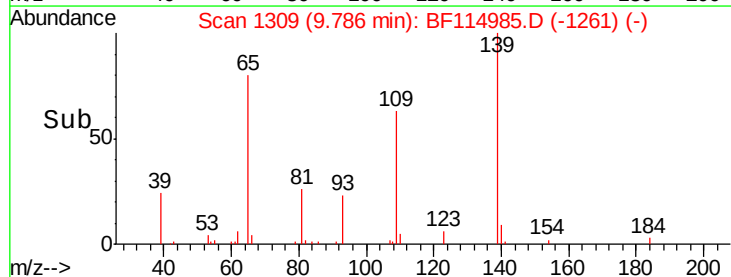
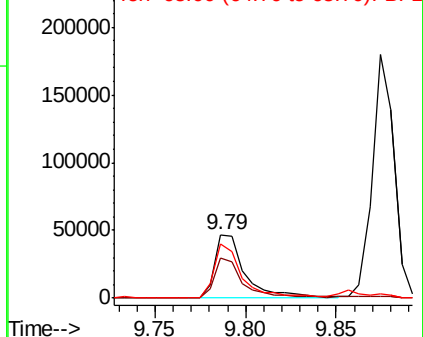


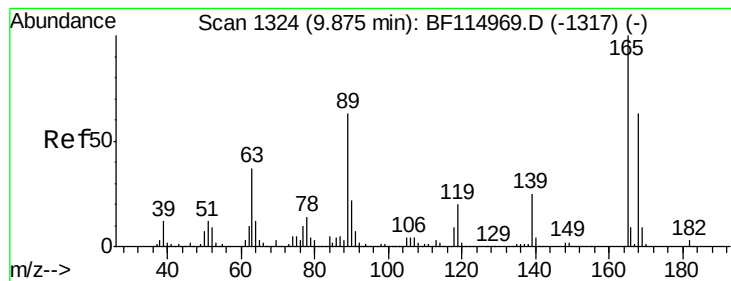
#56
4-Nitrophenol
Concen: 6.893 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:139 Resp: 54835
Ion Ratio Lower Upper
139 100
109 62.6 41.4 81.4
65 84.8 62.7 102.7



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

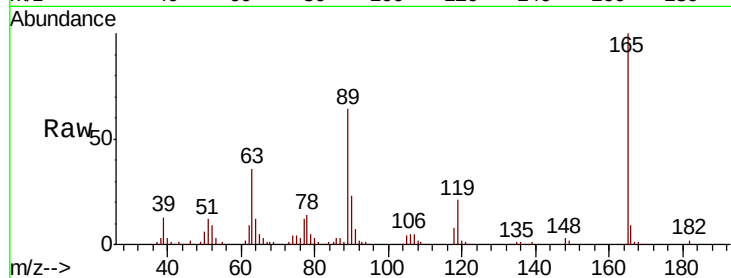




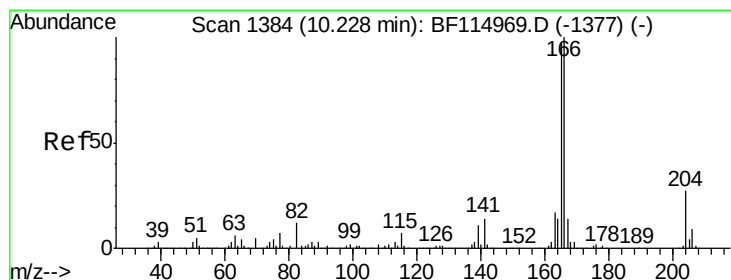
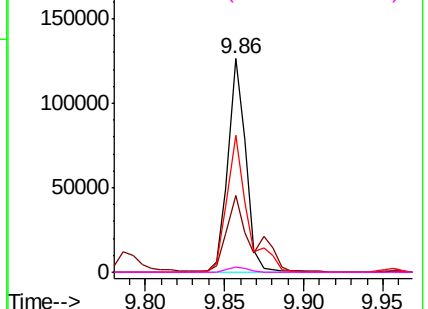
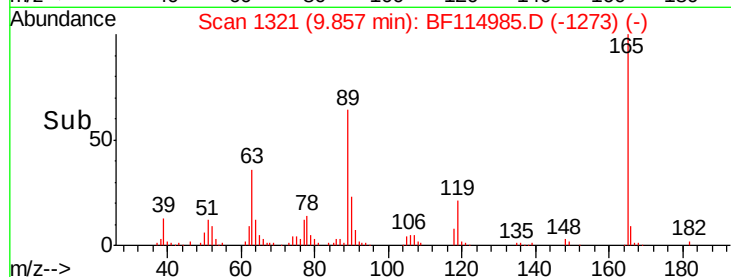
#57
 2,4-Dinitrotoluene
 Concen: 8.259 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion:165 Resp: 98970
 Ion Ratio Lower Upper
 165 100
 63 35.7 29.4 44.2
 89 64.2 50.6 75.8
 182 2.2 2.2 3.2

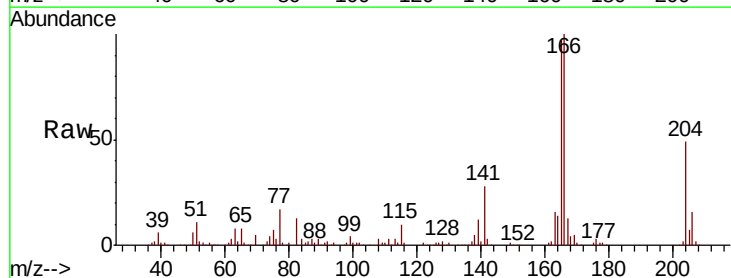


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

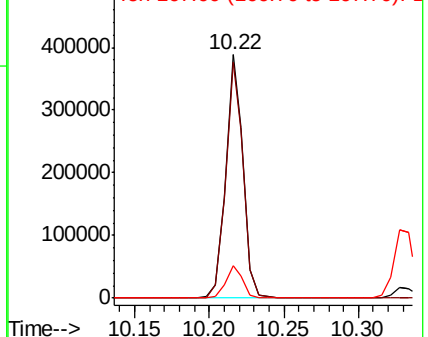
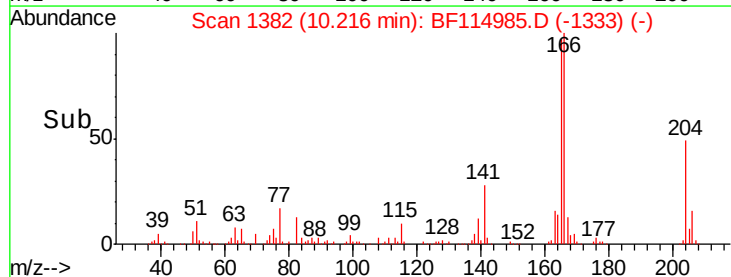


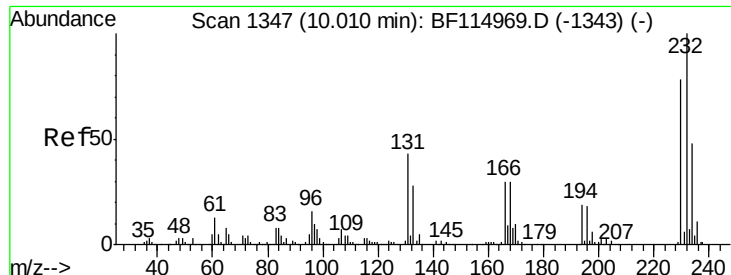
#58
 Fluorene
 Concen: 9.191 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion:166 Resp: 318736
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.6 116.4
 167 13.5 11.0 16.4



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

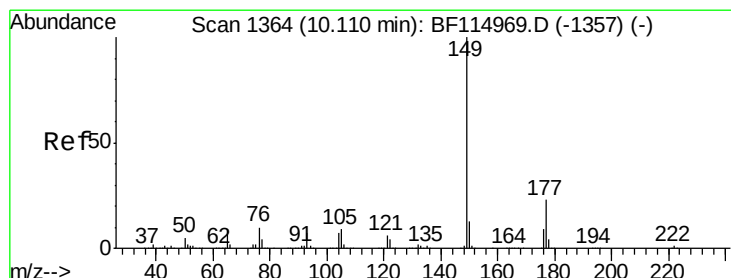
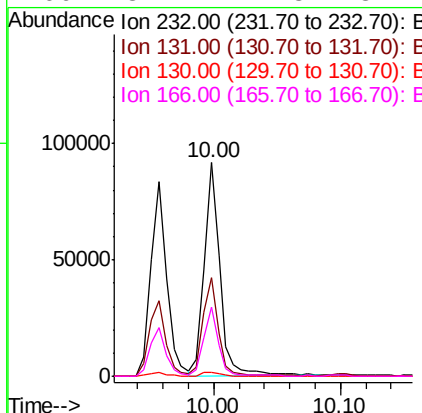
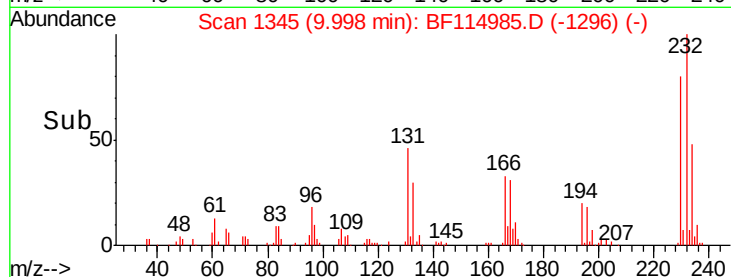
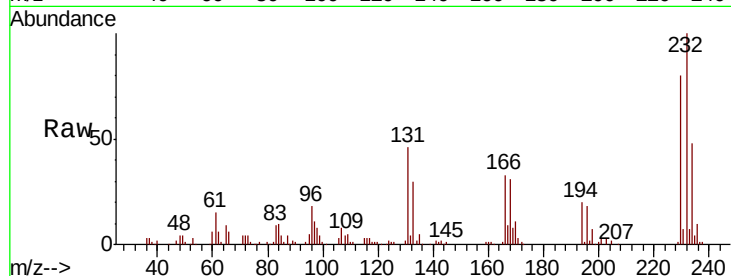




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.995 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

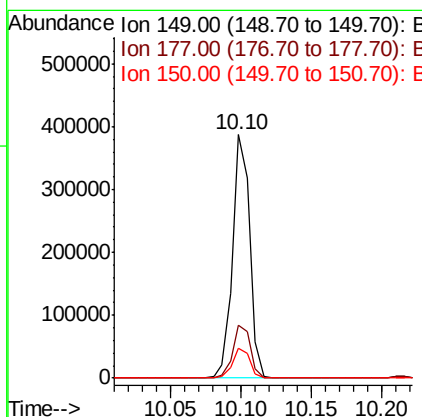
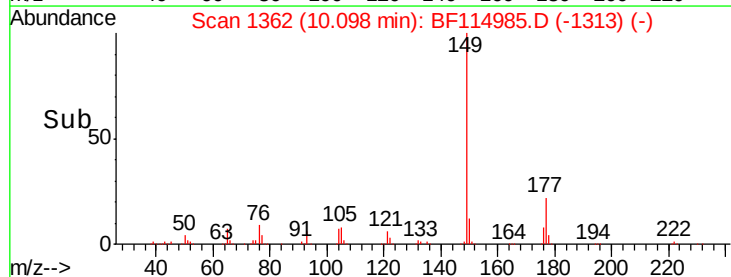
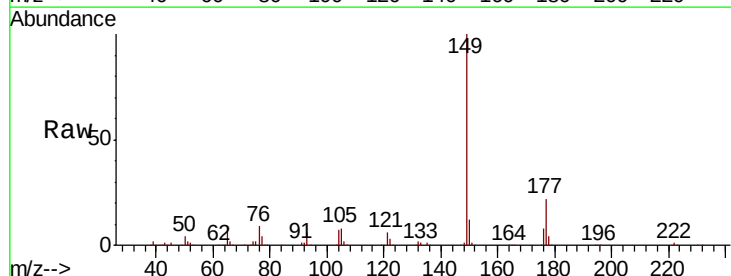
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

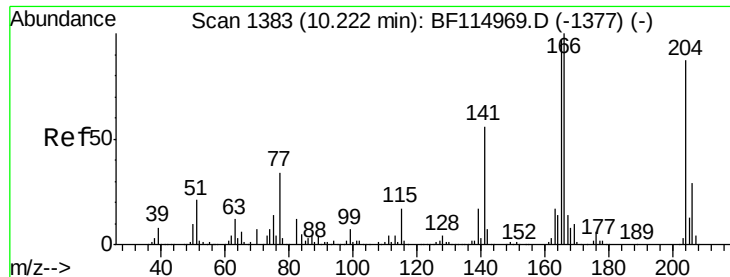
Tot Ion:232 Resp: 79489
Ion Ratio Lower Upper
232 100
131 46.0 36.9 55.3
130 2.1 1.8 2.6
166 31.2 24.8 37.2



#60
Diethylphthalate
Concen: 8.249 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:149 Resp: 327393
Ion Ratio Lower Upper
149 100
177 21.7 18.6 27.8
150 12.4 10.5 15.7

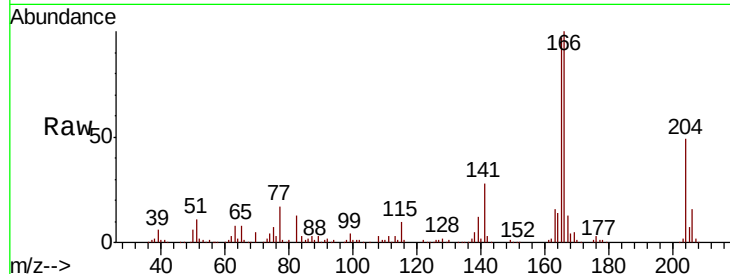




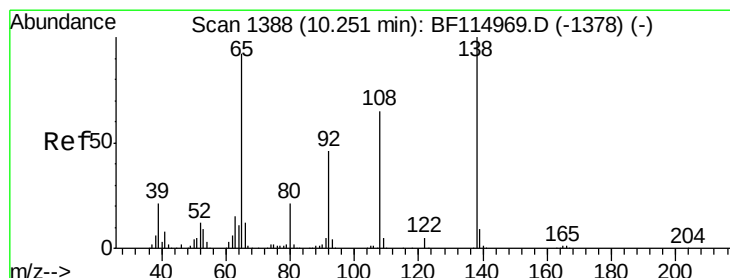
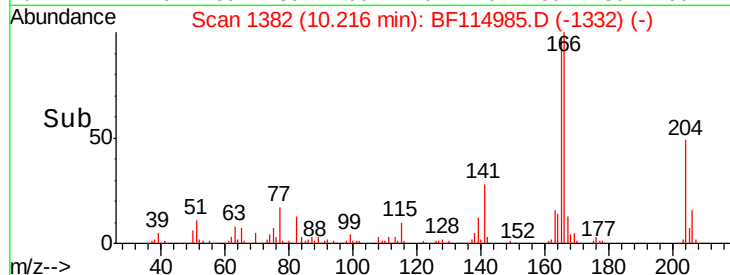
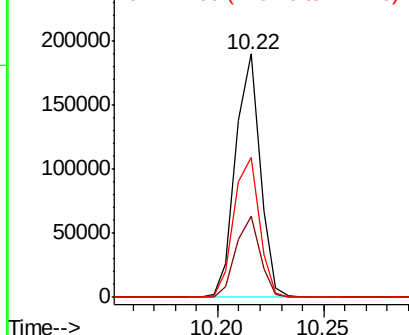
#61
 4-Chlorophenyl-phenylether
 Concen: 8.922 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	57.6	51.8	77.8

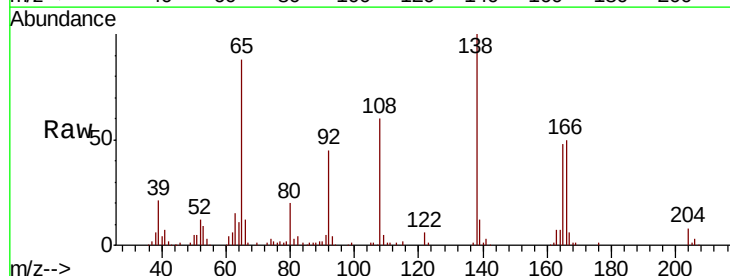


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

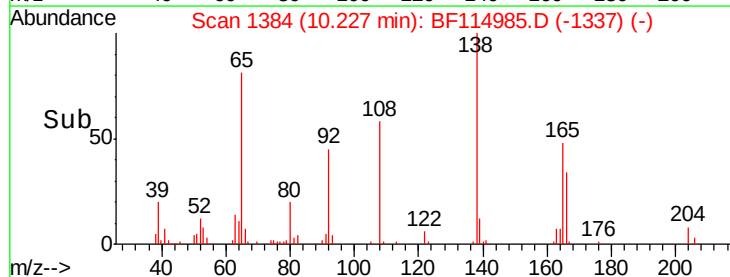
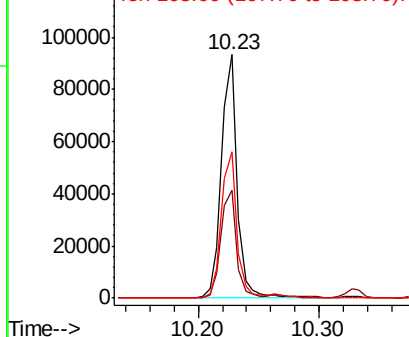


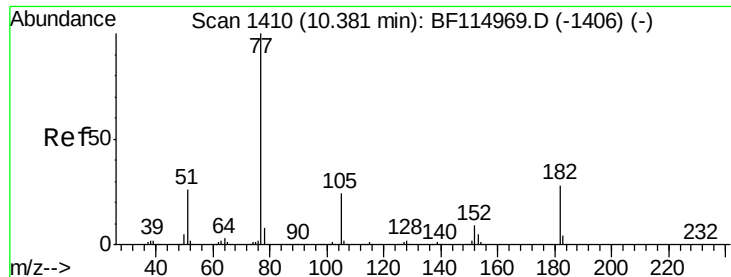
#62
 4-Nitroaniline
 Concen: 7.238 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	25.7	65.7
108	60.1	44.6	84.6



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





#63

Azobenzene

Concen: 8.441 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion: 77 Resp: 293079

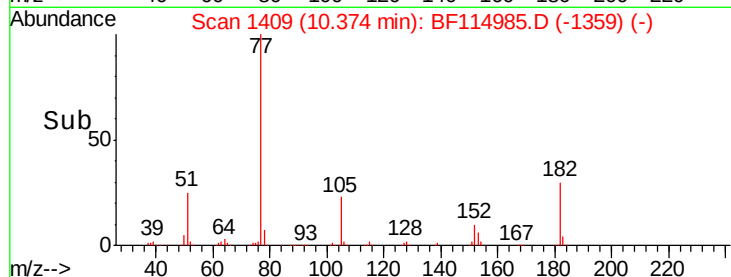
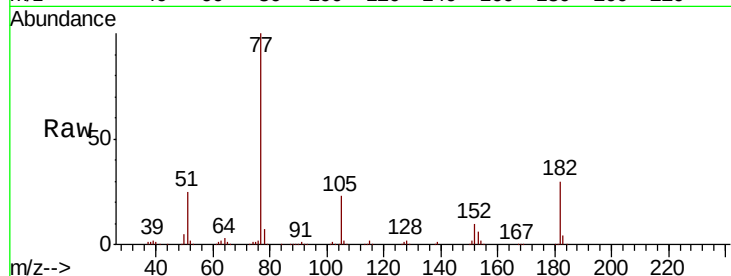
Ion Ratio Lower Upper

77 100

182 29.8 7.4 47.4

105 23.2 4.2 44.2

51 24.9 6.2 46.2



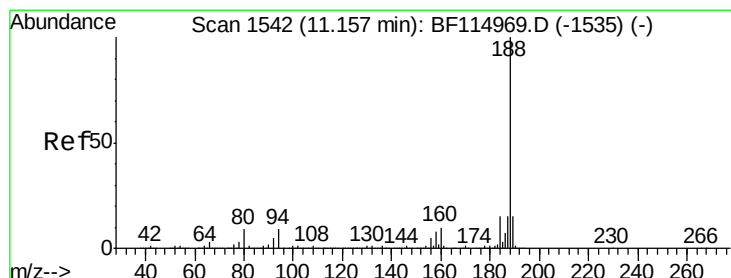
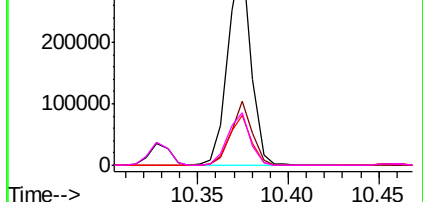
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

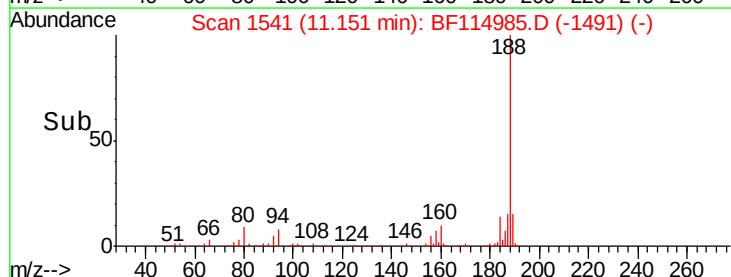
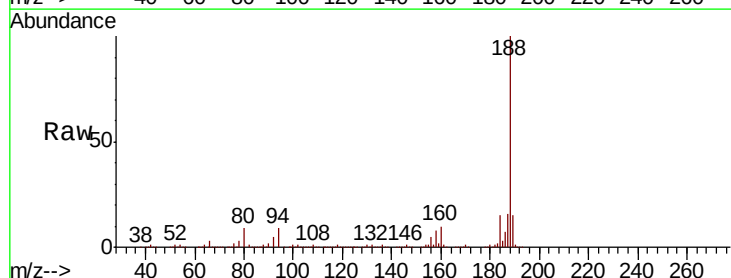
Tgt Ion: 188 Resp: 1098303

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.4 7.4 11.2

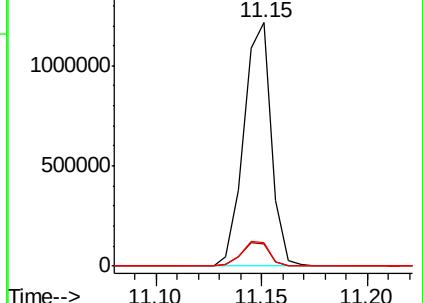


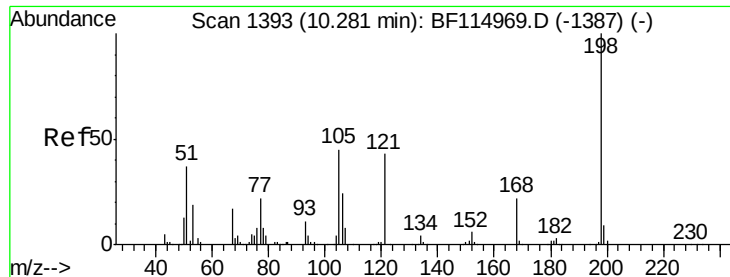
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

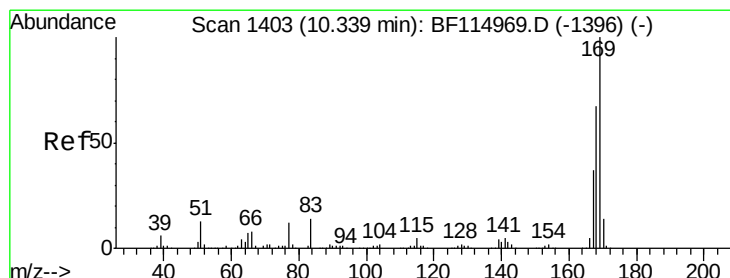
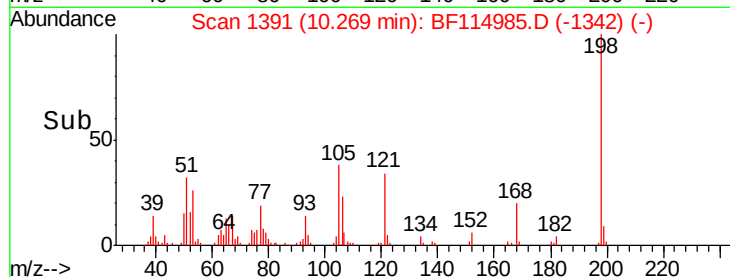
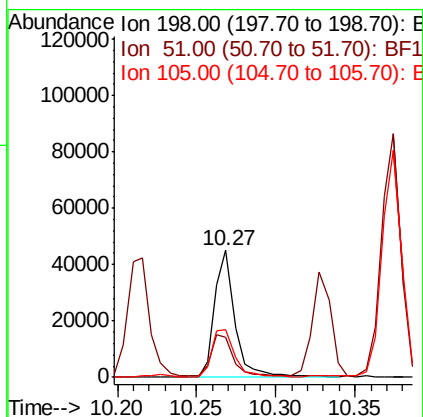
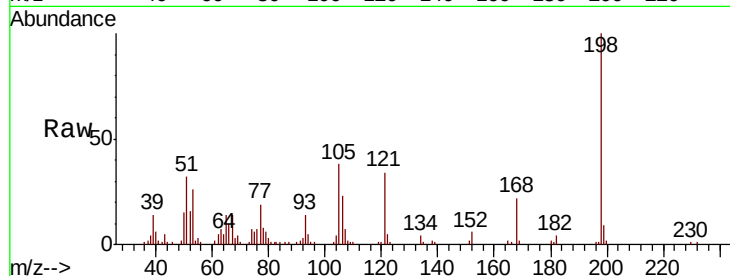




#65
4,6-Dinitro-2-methylphenol
Concen: 6.604 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

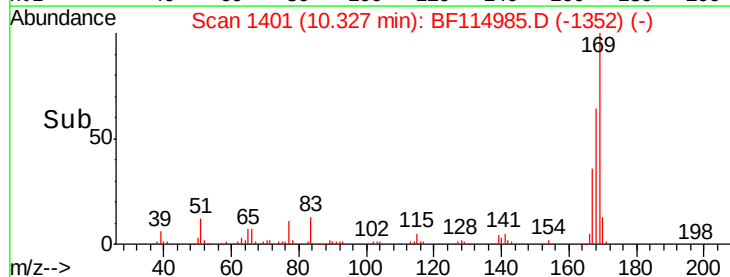
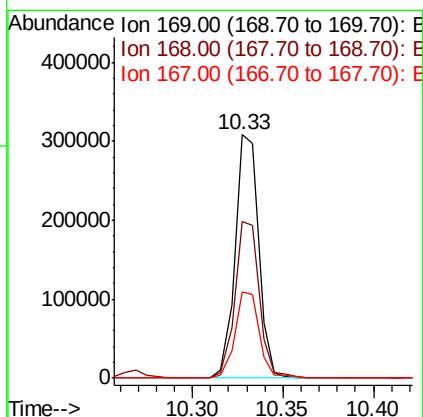
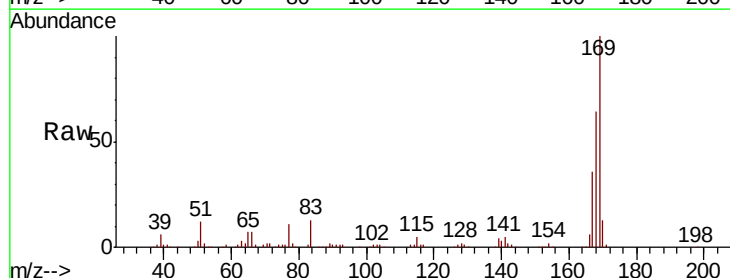
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

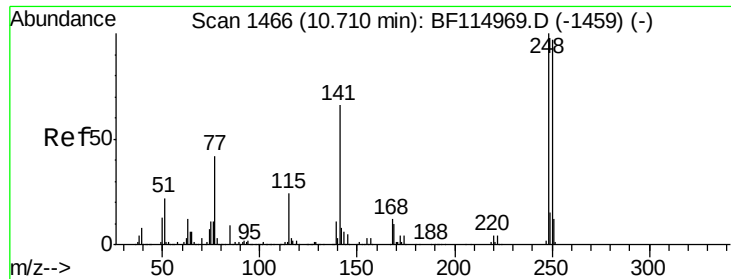
Tot Ion:198 Resp: 40651
Ion Ratio Lower Upper
198 100
51 31.6 23.0 63.0
105 38.1 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 8.527 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:169 Resp: 279959
Ion Ratio Lower Upper
169 100
168 64.4 53.6 80.4
167 35.5 29.6 44.4

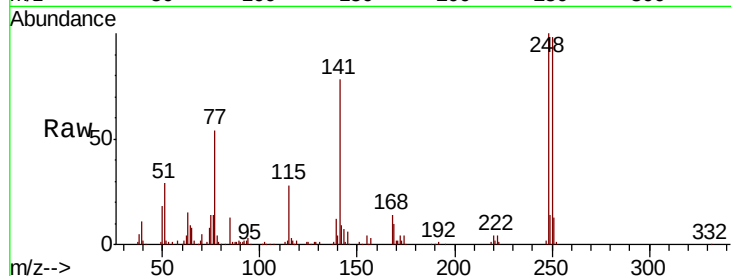




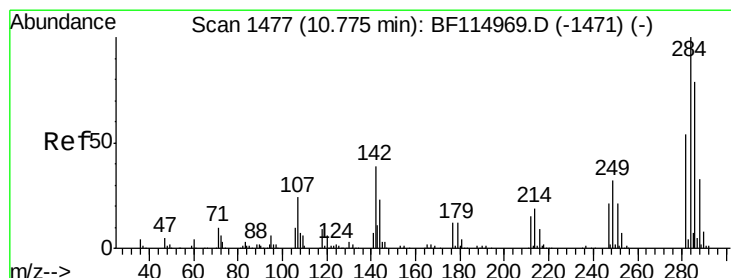
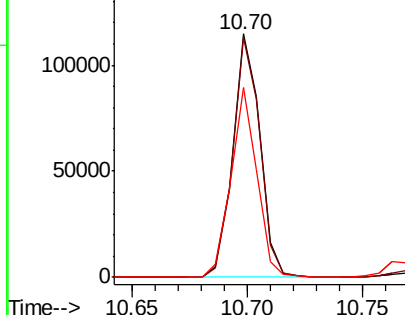
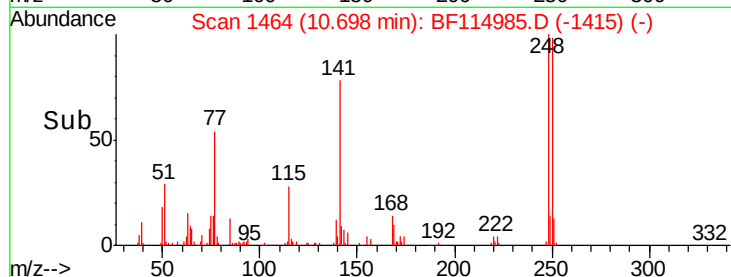
#67
4-Bromophenyl-phenylether
Concen: 7.979 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion:248 Resp: 94098
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 78.2 53.1 79.7

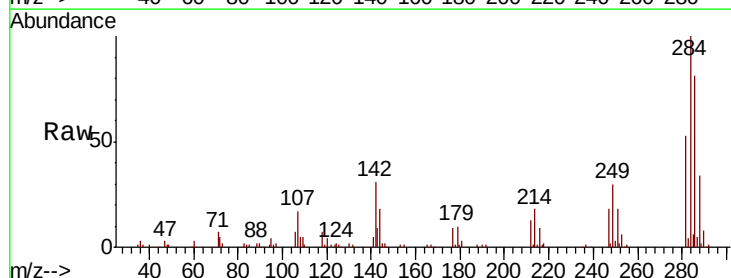


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

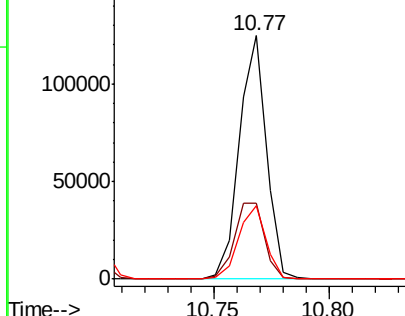
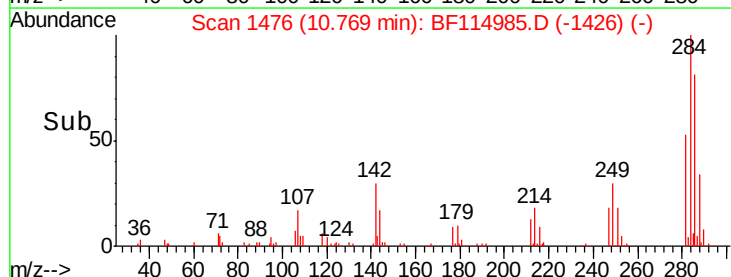


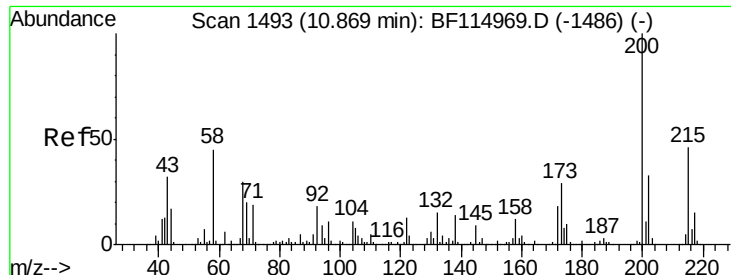
#68
Hexachlorobenzene
Concen: 7.890 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:284 Resp: 102431
Ion Ratio Lower Upper
284 100
142 31.0 31.5 47.3#
249 30.3 25.6 38.4



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

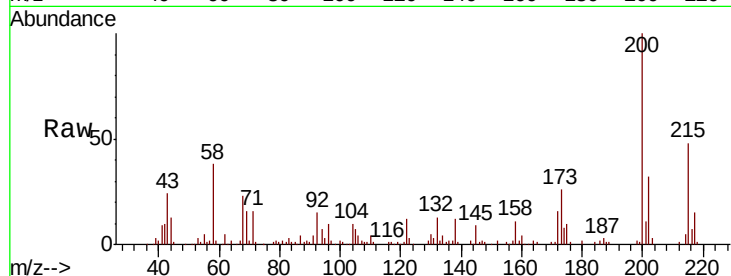




#69
 Atrazine
 Concen: 8.272 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	9.0	49.0
215	47.7	26.5	66.5

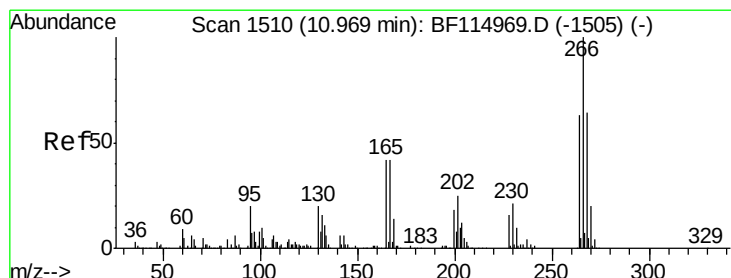
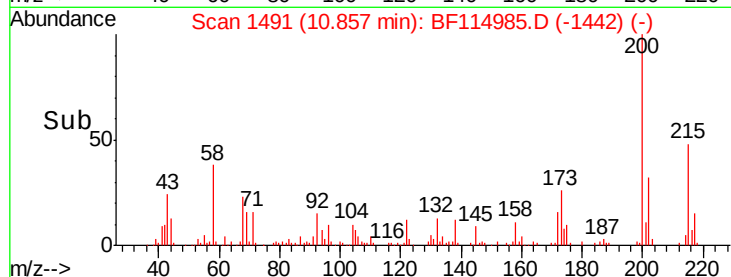
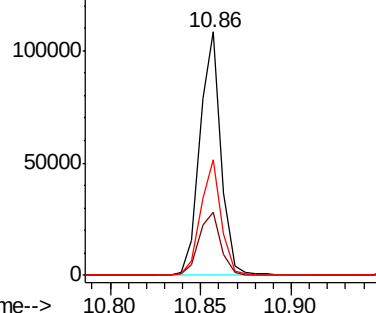


Abundance

Ion 200.00 (199.70 to 200.70): E

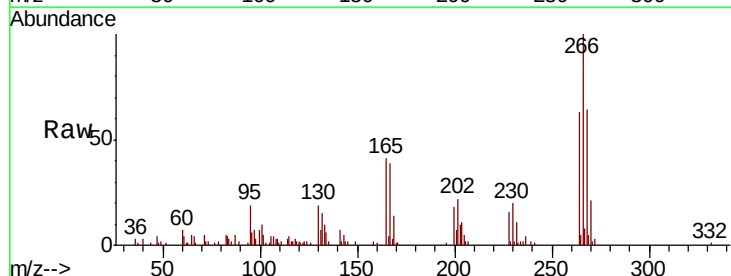
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 6.377 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.2
264	63.1	50.3	75.5

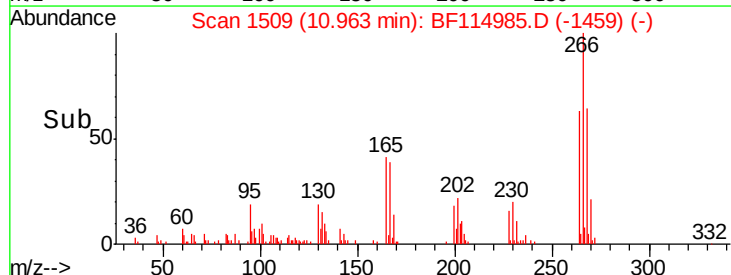
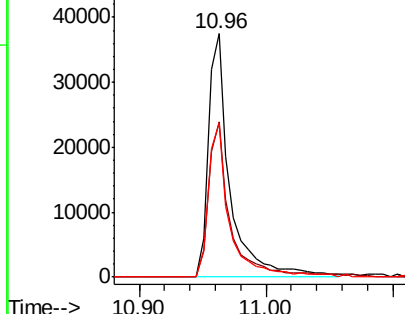


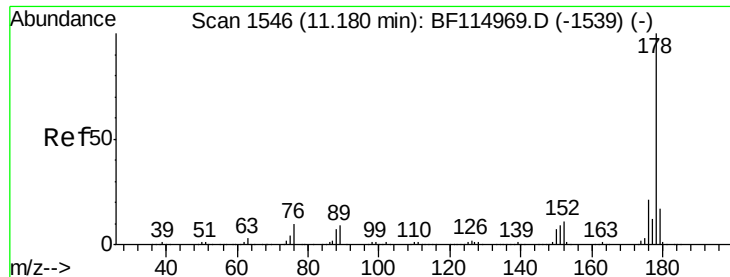
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

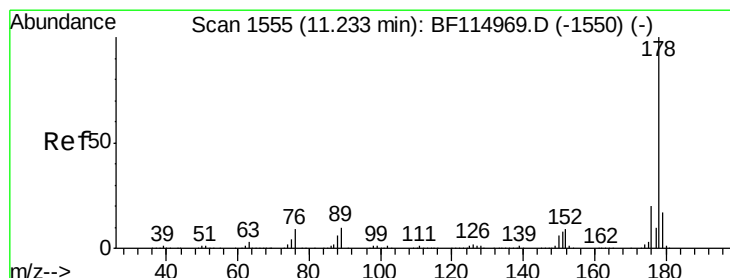
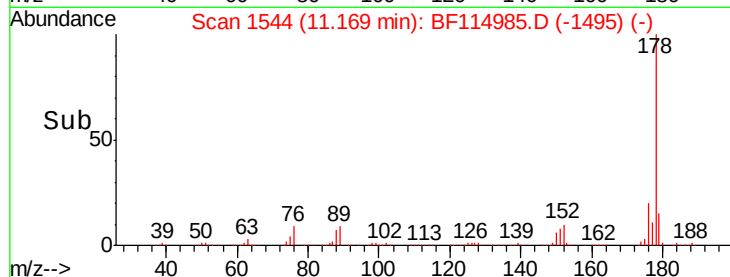
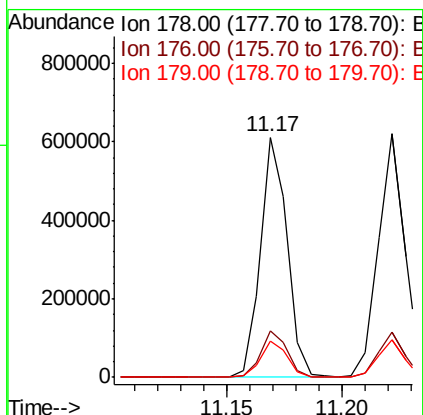
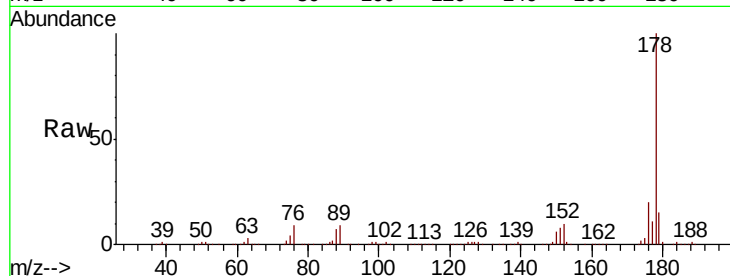




#71
Phenanthrene
Concen: 8.722 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

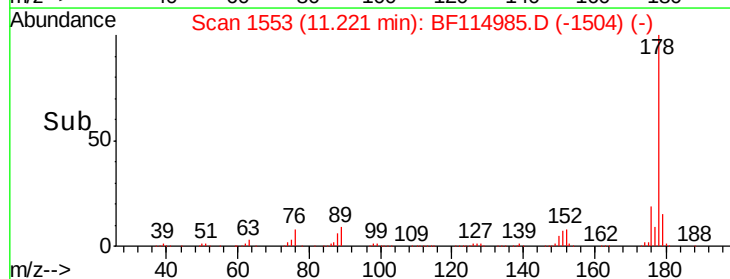
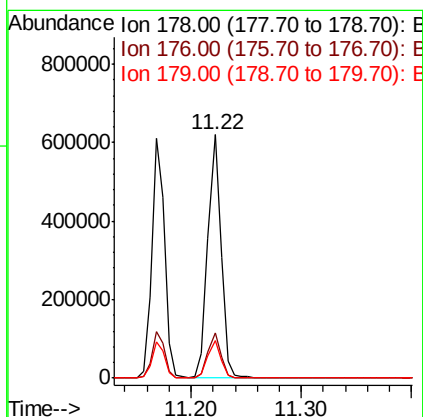
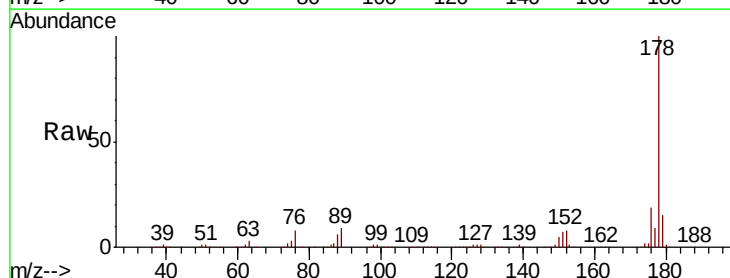
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

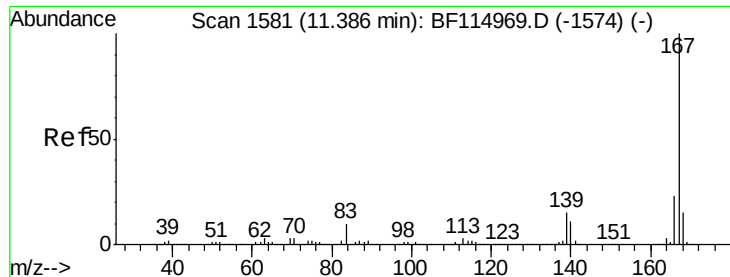
Tot Ion:178 Resp: 494577
Ion Ratio Lower Upper
178 100
176 19.5 16.9 25.3
179 15.3 13.4 20.0



#72
Anthracene
Concen: 8.784 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion:178 Resp: 502501
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.4
179 15.5 13.2 19.8

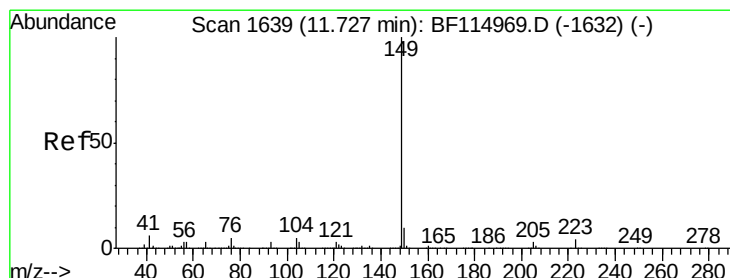
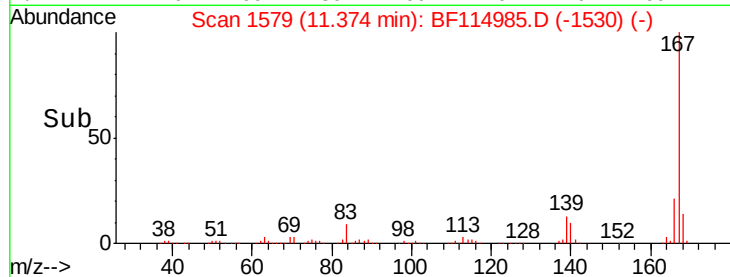
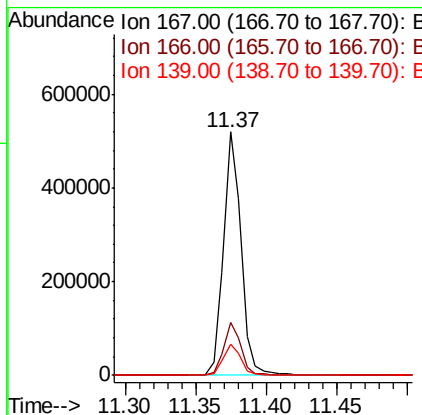
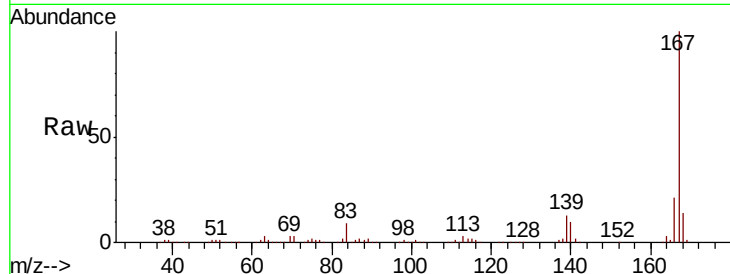




#73
 Carbazole
 Concen: 9.039 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

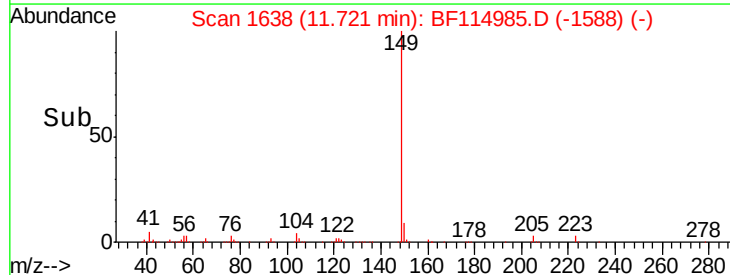
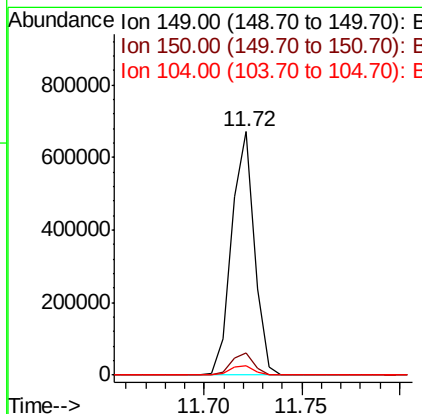
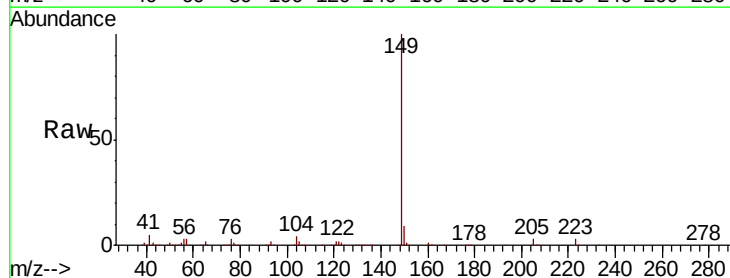
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

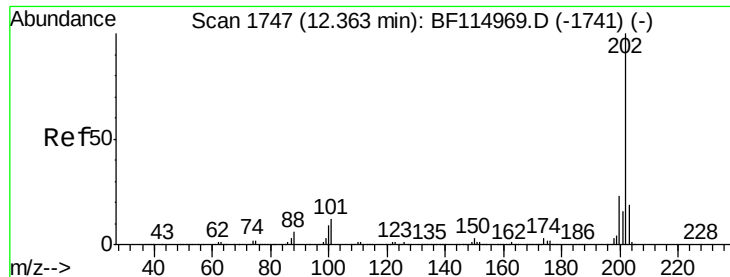
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.5	27.7
139	13.0	12.0	18.0



#74
 Di-n-butylphthalate
 Concen: 8.584 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	4.0	4.0	6.0





#75

Fluoranthene

Concen: 8.937 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

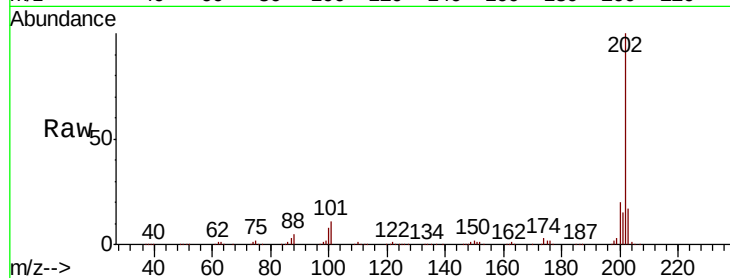
Tot Ion:202 Resp: 518231

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.4

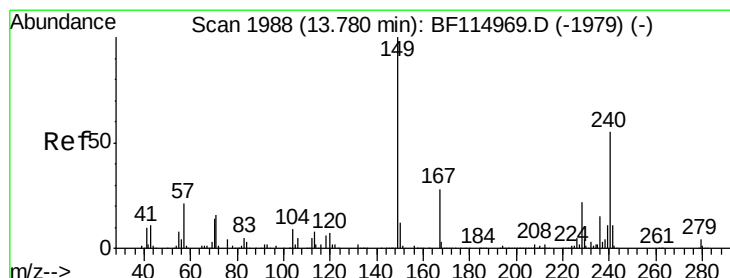
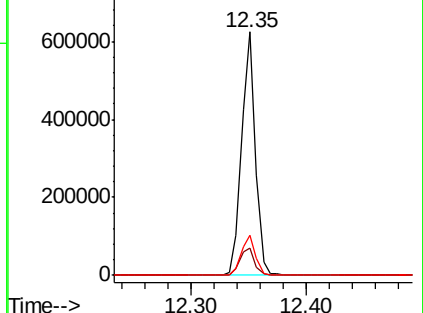
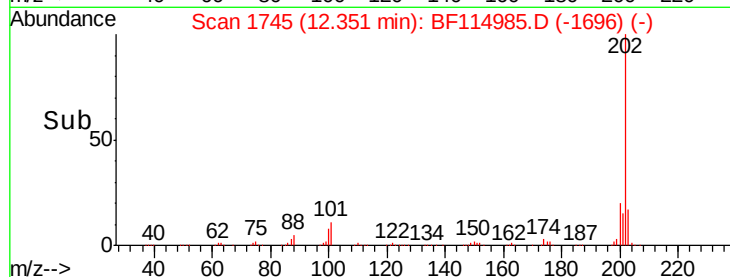
203 16.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

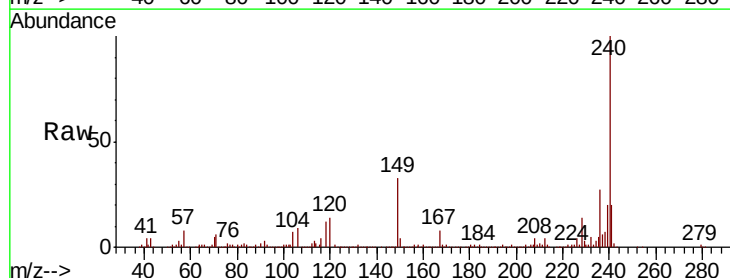
Tgt Ion:240 Resp: 826652

Ion Ratio Lower Upper

240 100

120 13.5 10.0 15.0

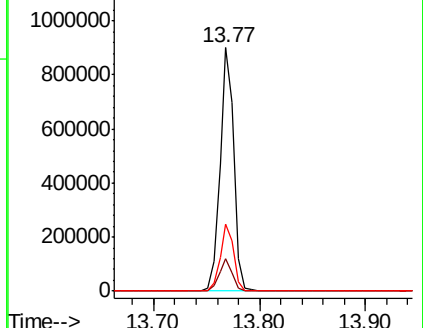
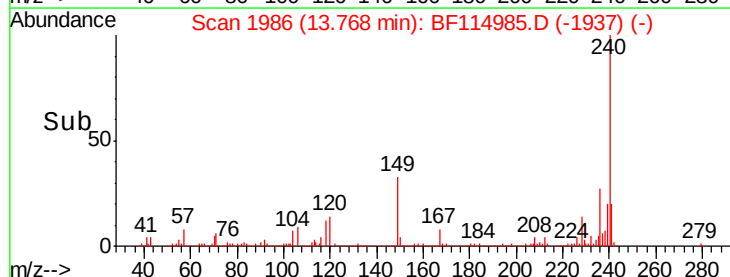
236 27.4 21.6 32.4

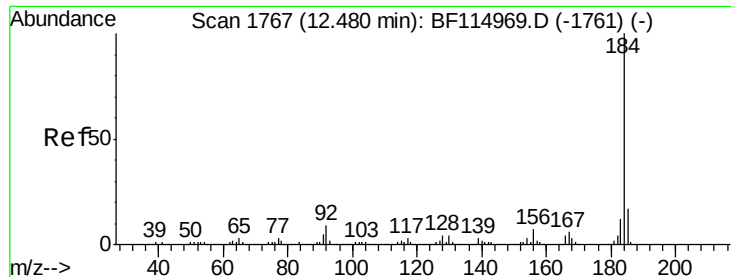


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.318 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

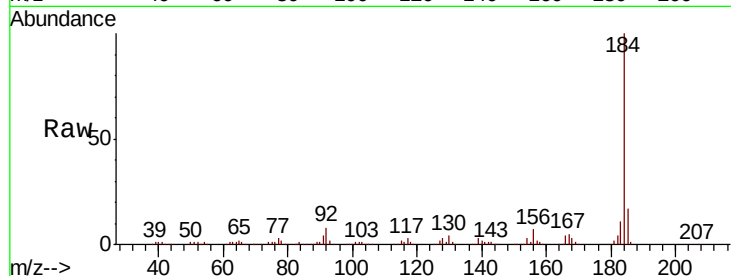
Tot Ion:184 Resp: 244677

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.4	20.0
183	11.4	9.8	14.6

184 100

185 16.5 13.4 20.0

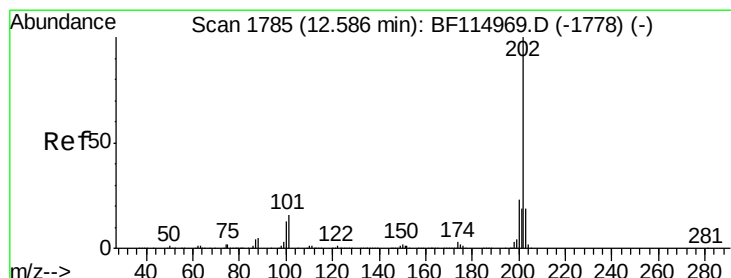
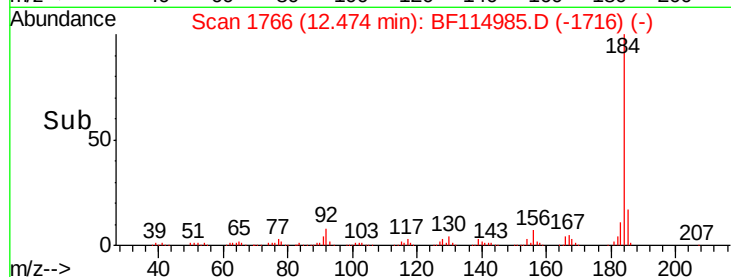
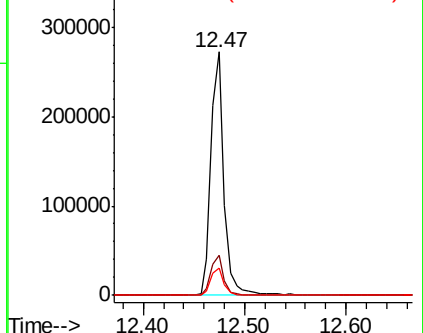
183 11.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.118 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

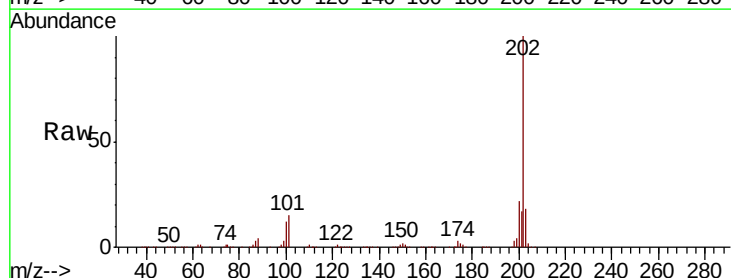
Tgt Ion:202 Resp: 536021

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.4	27.6
203	17.6	14.9	22.3

202 100

200 21.7 18.4 27.6

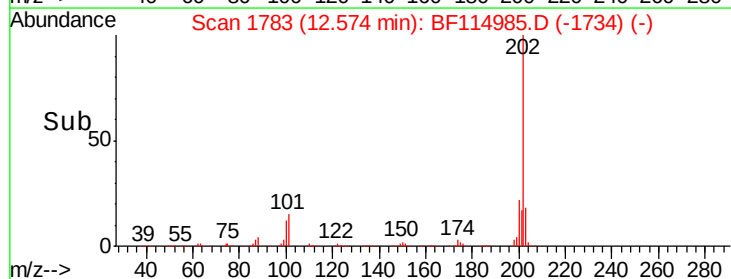
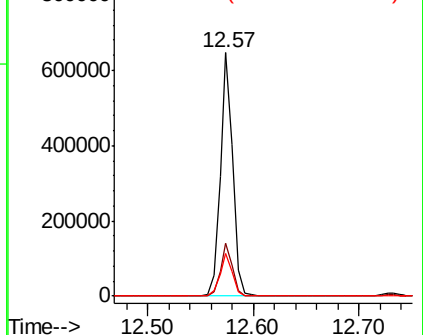
203 17.6 14.9 22.3

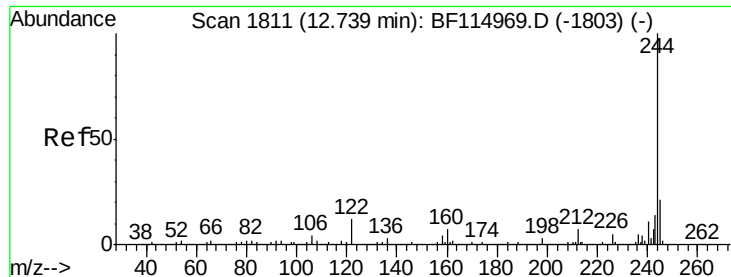


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

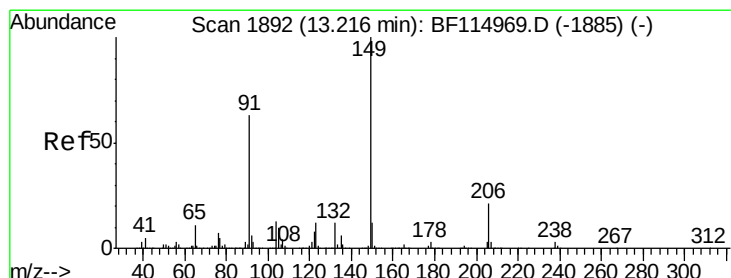
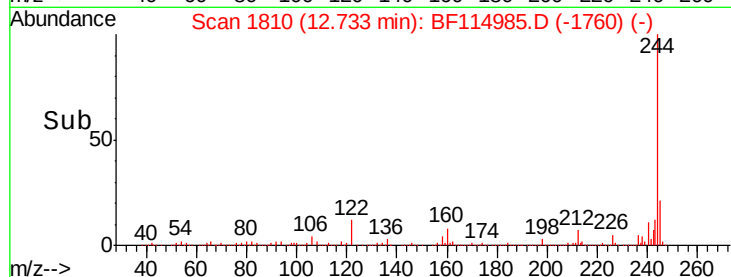
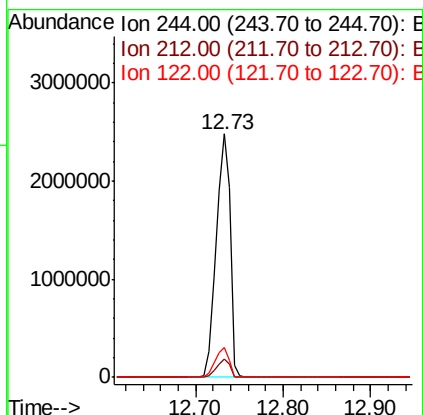
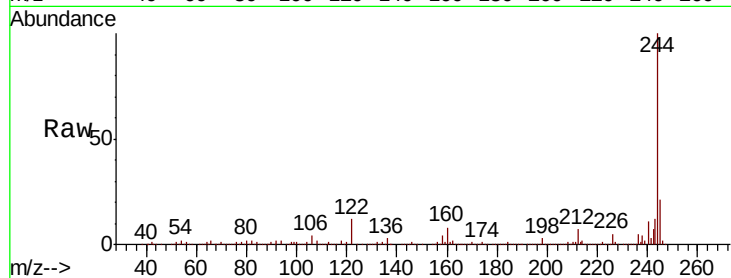




#79
 Terphenyl-d14
 Concen: 62.754 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

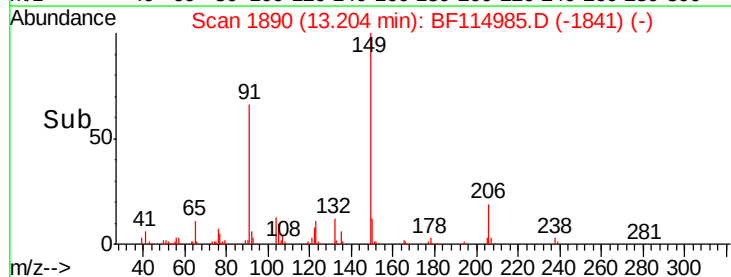
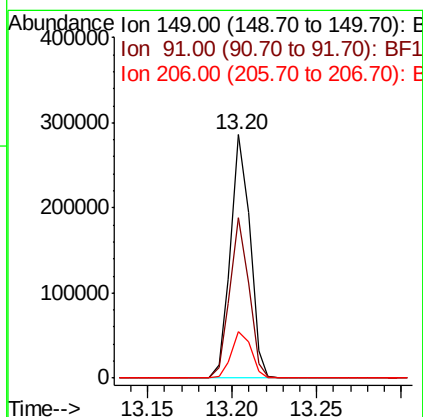
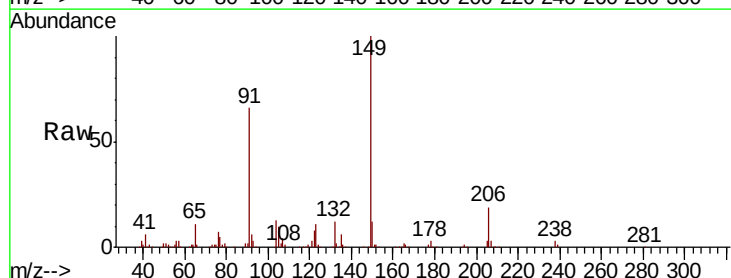
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

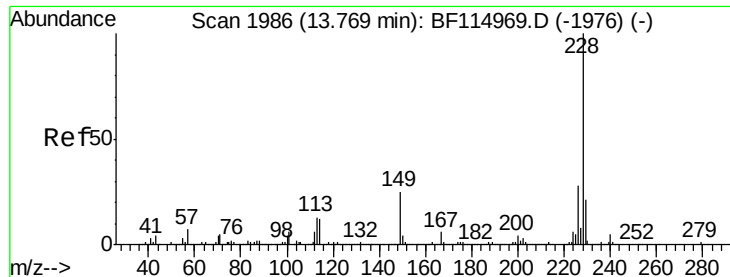
Tot Ion:244 Resp: 2758060
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.5 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 6.531 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BF114985.D
 Acq: 12 Jun 2019 19:56

Tgt Ion:149 Resp: 229732
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.6 76.0
 206 19.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 7.387 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

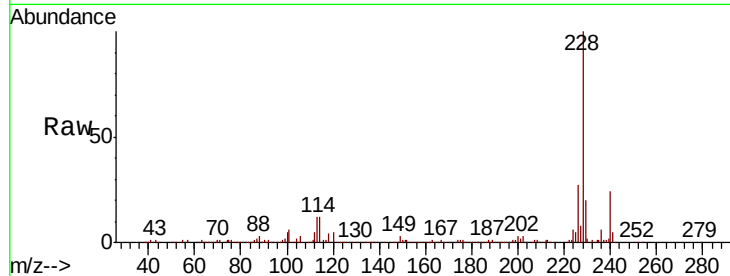
Instrument :

BNA_F

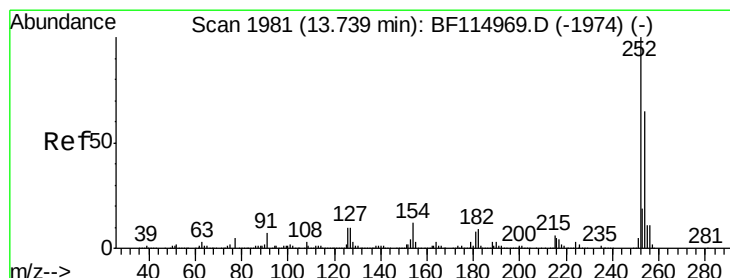
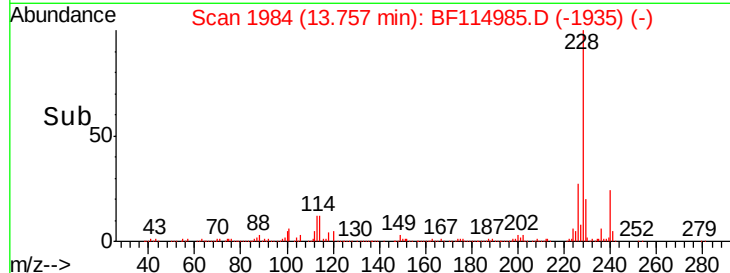
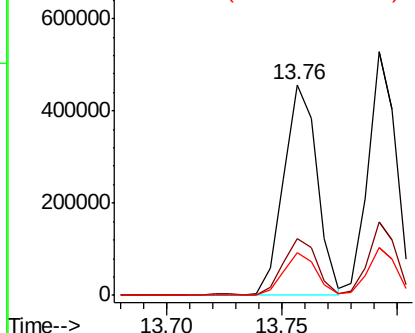
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	228	Resp:	456991
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.1	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 7.331 ng

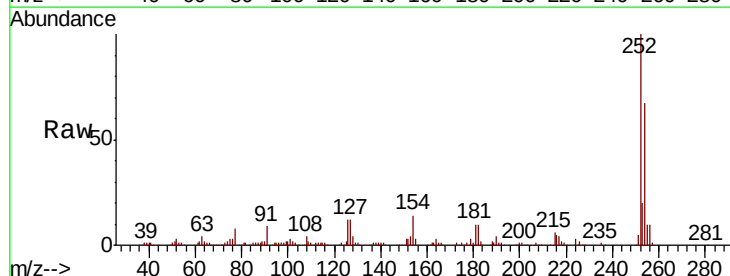
RT: 13.72 min Scan# 1978

Delta R.T. -0.02 min

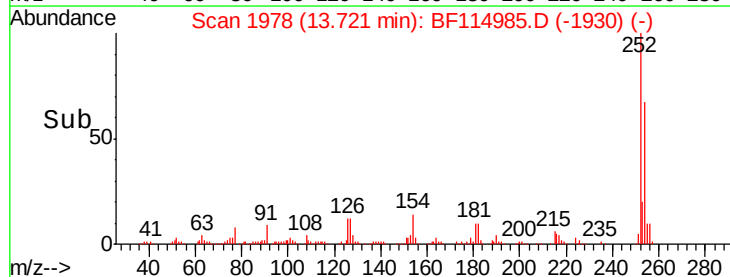
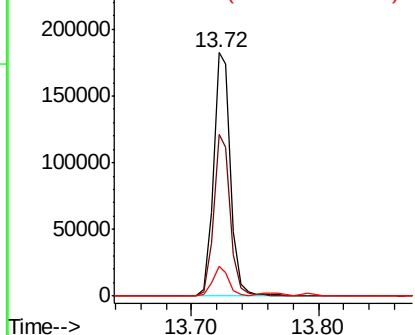
Lab File: BF114985.D

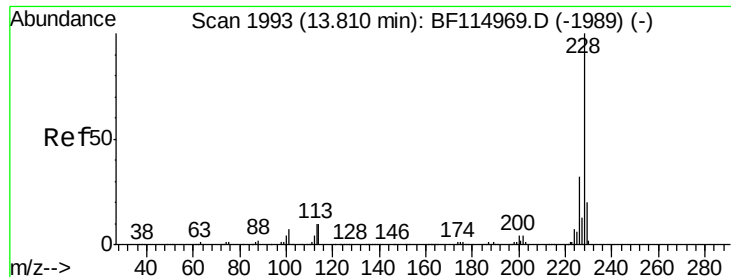
Acq: 12 Jun 2019 19:56

Tgt Ion:	252	Resp:	173866
Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.2	78.4
126	12.3	8.0	12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.244 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

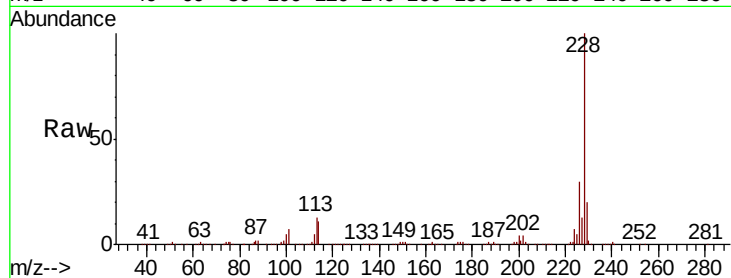
Tot Ion:228 Resp: 445604

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

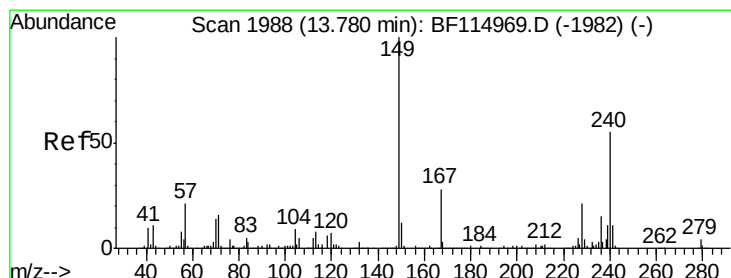
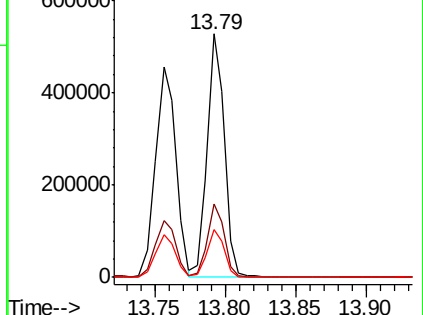
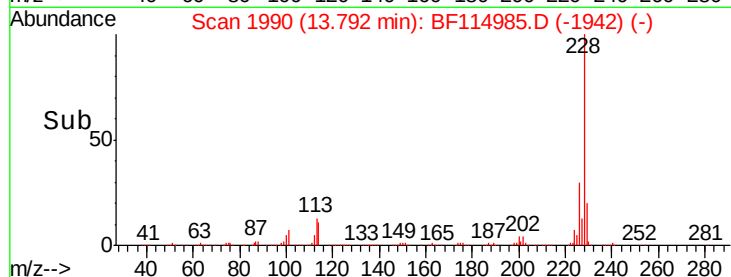
229 19.7 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.142 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

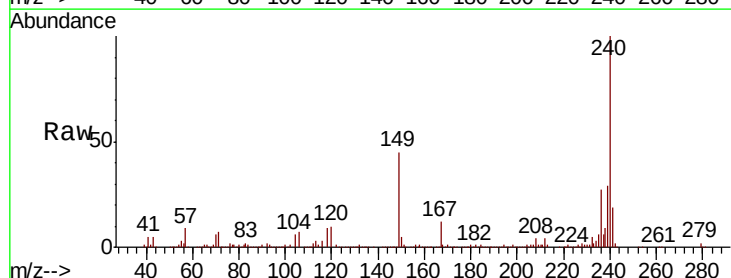
Tgt Ion:149 Resp: 296895

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.4

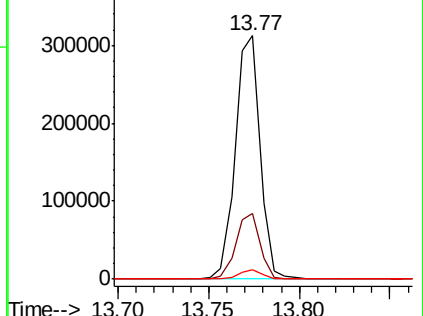
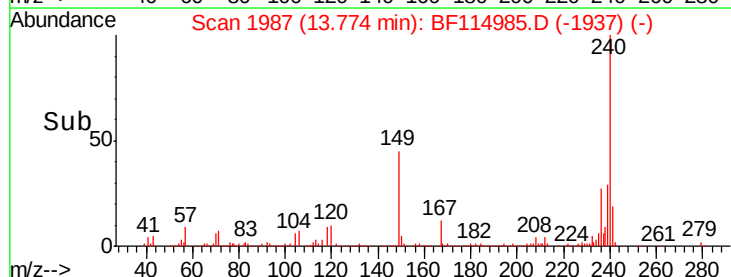
279 4.1 3.4 5.0

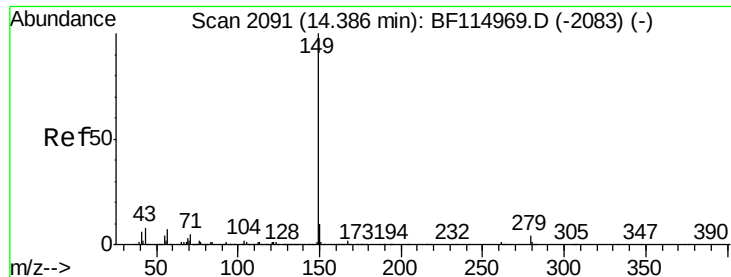


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

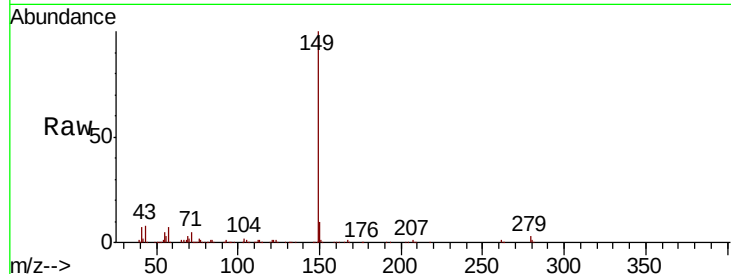




#85
Di-n-octyl phthalate
Concen: 7.404 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.7	6.5	9.7

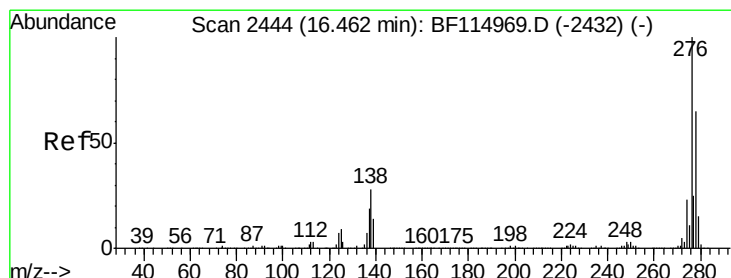
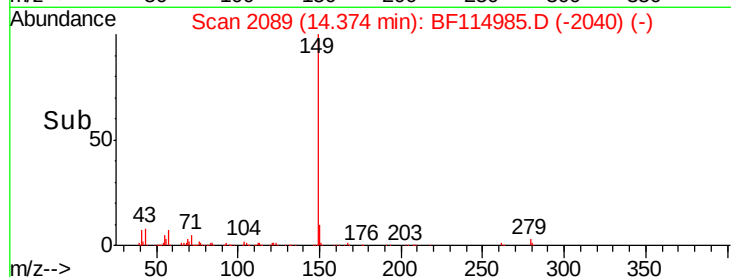
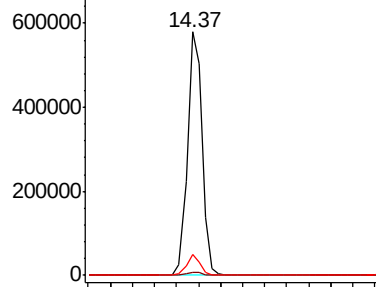


Abundance

Ion 149.00 (148.70 to 149.70): E

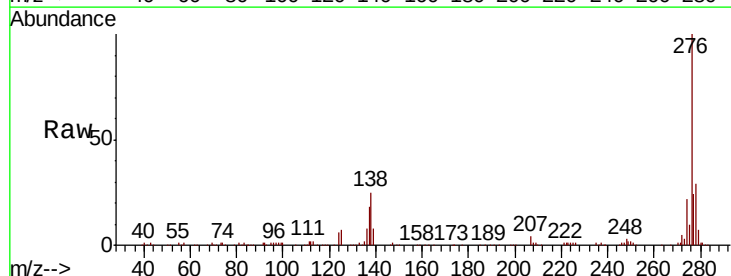
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.642 ng
RT: 16.43 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.0	34.4
277	24.7	20.6	30.8

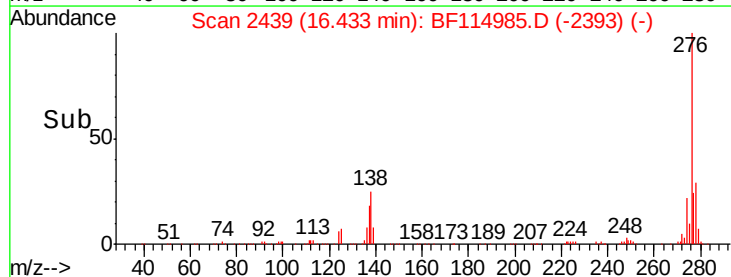
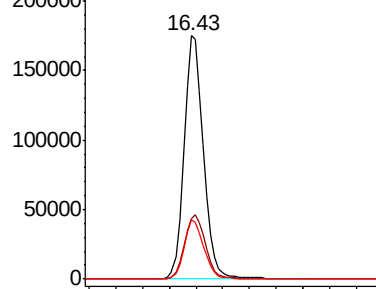


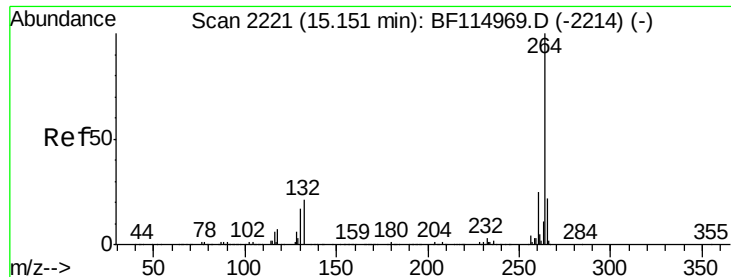
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

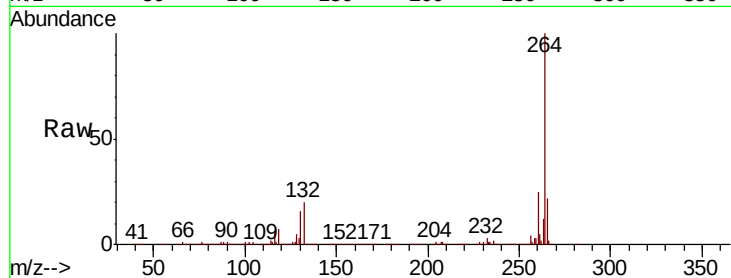
Tot Ion:264 Resp: 804775

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.6	17.6	26.4

264 100

260 24.6 19.9 29.9

265 21.6 17.6 26.4

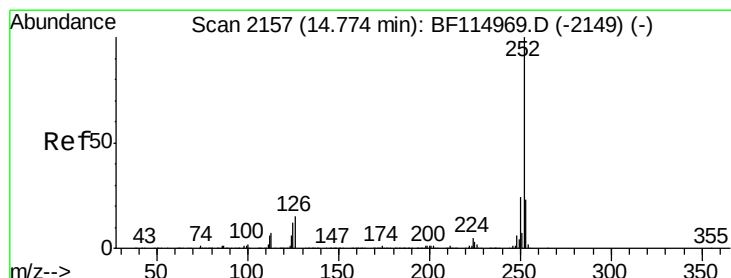
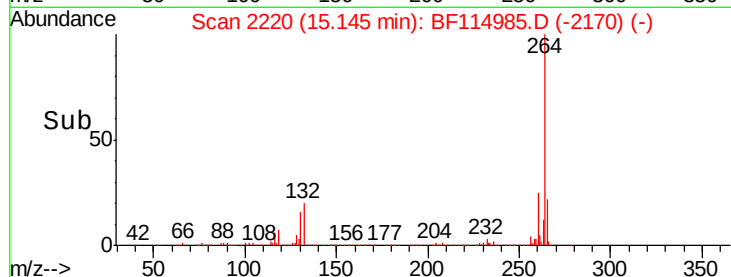
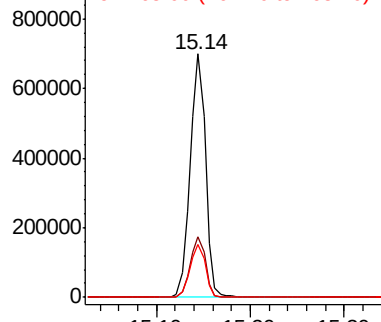


Abundance

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: 7.946 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF114985.D

Acq: 12 Jun 2019 19:56

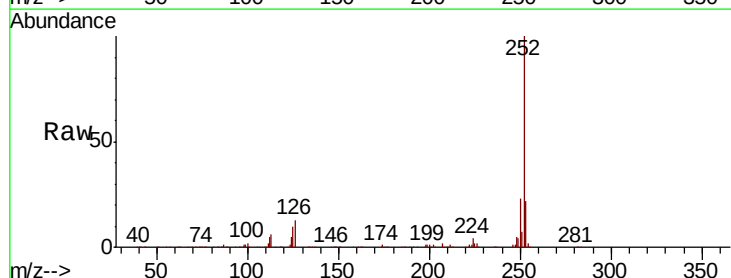
Tgt Ion:252 Resp: 425112

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.0	9.4	14.0

252 100

253 22.0 18.1 27.1

125 10.0 9.4 14.0

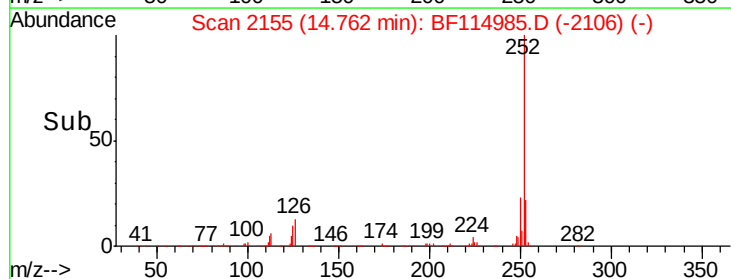
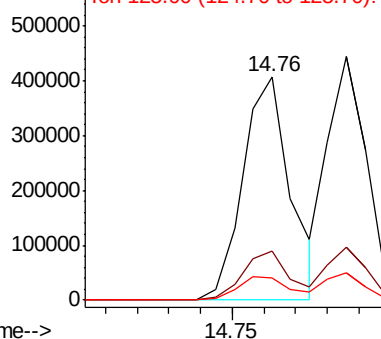


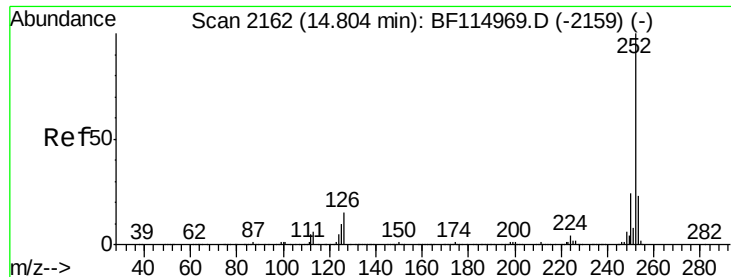
Abundance

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

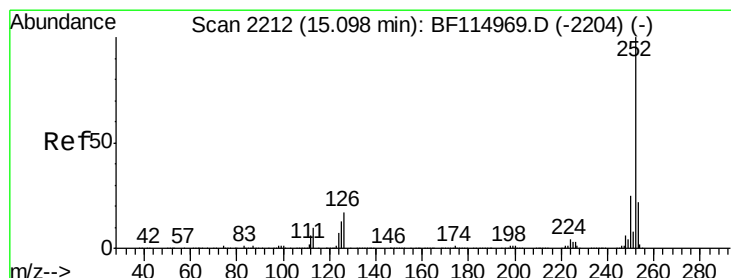
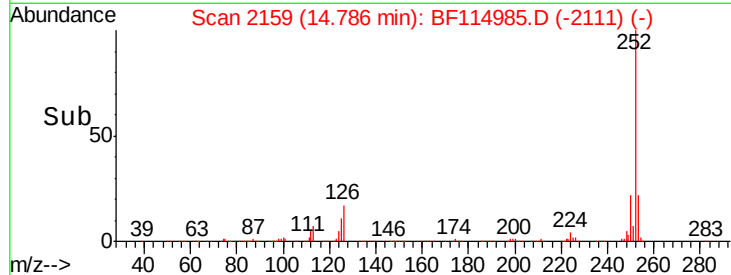
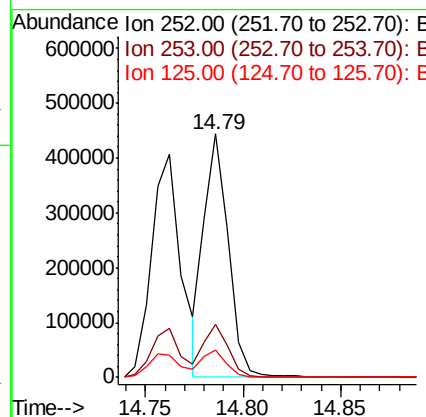
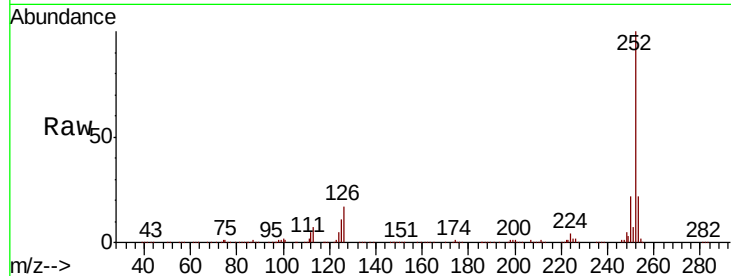




#89
Benzo(k)fluoranthene
Concen: 8.211 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

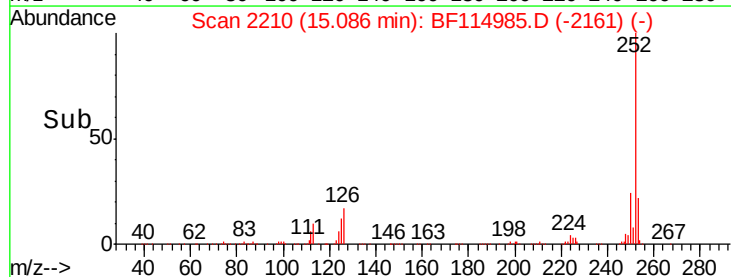
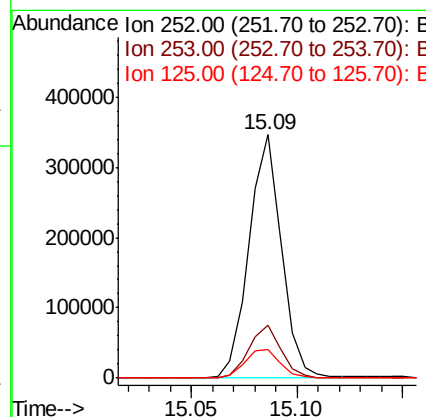
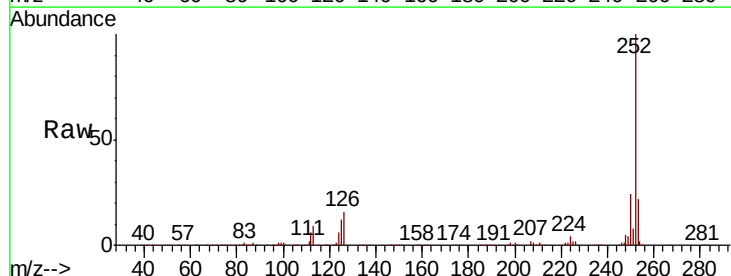
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

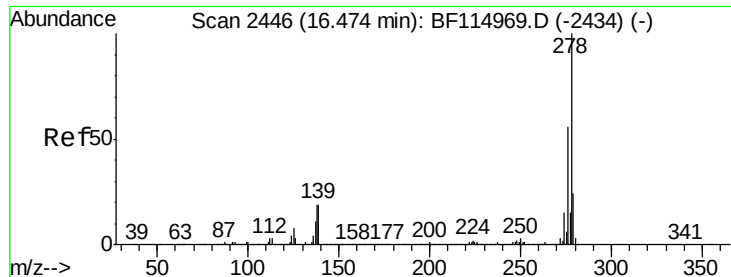
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.2	8.2	12.4



#90
Benzo(a)pyrene
Concen: 8.043 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.5	10.7	16.1

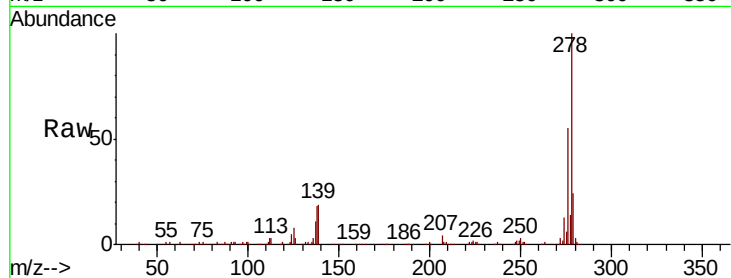




#91
Dibenzo(a,h)anthracene
Concen: 7.594 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.3	22.9
279	23.6	19.2	28.8

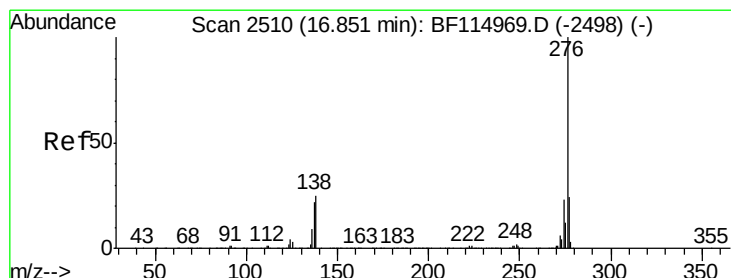
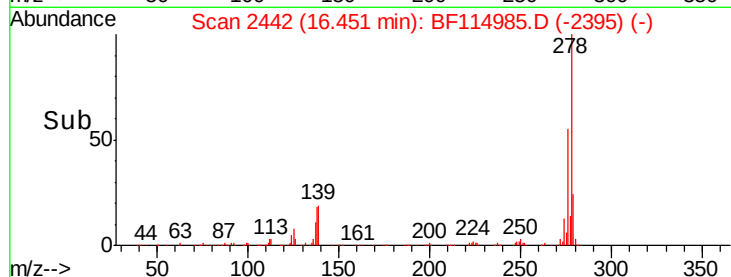
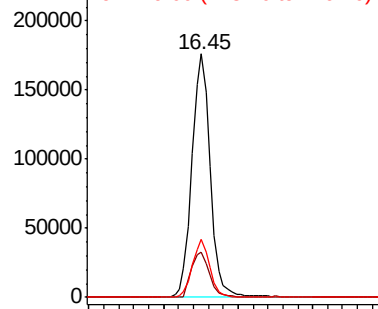


Abundance

Ion 278.00 (277.70 to 278.70): E

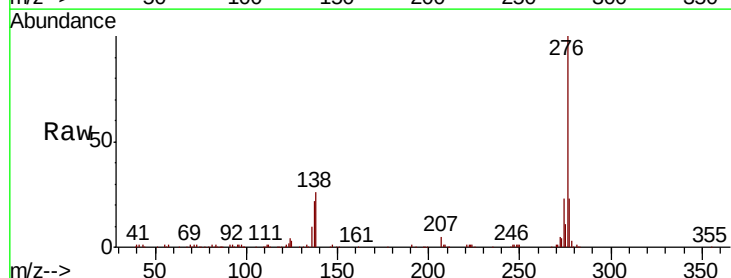
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.074 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.03 min
Lab File: BF114985.D
Acq: 12 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	26.0	20.2	30.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

