

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115109.D
 Acq On : 22 Jun 2019 9:54
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 24 04:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	252989	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	990247	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	491936	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	958312	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	749310	20.00	ng	-0.02
87) Perylene-d12	15.08	264	774767	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1807804	110.27	ng	0.00
7) Phenol-d6	6.25	99	2226427	111.89	ng	0.00
23) Nitrobenzene-d5	7.17	82	1368167	84.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	661182	127.45	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2543882	87.84	ng	-0.01
79) Terphenyl-d14	12.69	244	2864178	81.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	60431	7.810	ng	99
3) Pyridine	2.89	79	149054	6.835	ng	98
4) n-Nitrosodimethylamine	2.78	42	58174	6.805	ng	# 97
6) Aniline	6.27	93	214874	7.857	ng	99
8) 2-Chlorophenol	6.40	128	143904	7.806	ng	99
9) Benzaldehyde	6.15	77	121486	9.358	ng	99
10) Phenol	6.26	94	184477	7.915	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	138271	8.048	ng	98
12) 1,3-Dichlorobenzene	6.55	146	163019	7.968	ng	98
13) 1,4-Dichlorobenzene	6.63	146	162646	7.928	ng	97
14) 1,2-Dichlorobenzene	6.78	146	154408	8.127	ng	97
15) Benzyl Alcohol	6.75	79	129855	8.962	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	192715	7.733	ng	97
17) 2-Methylphenol	6.87	107	116736	7.672	ng	99
18) Hexachloroethane	7.12	117	54765	7.405	ng	95
19) n-Nitroso-di-n-propylamine	7.02	70	99791	7.833	ng	96
20) 3+4-Methylphenols	7.02	107	151350	8.614	ng	# 85
22) Acetophenone	7.02	105	215699	9.515	ng	# 97
24) Nitrobenzene	7.19	77	149001	8.402	ng	98
25) Isophorone	7.43	82	269634	8.177	ng	99
26) 2-Nitrophenol	7.51	139	67259	7.680	ng	98
27) 2,4-Dimethylphenol	7.55	122	130199	9.080	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	172069	8.256	ng	100
29) 2,4-Dichlorophenol	7.74	162	117403	7.934	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	135715	8.303	ng	99
31) Naphthalene	7.91	128	443417	9.122	ng	97
32) Benzoic acid	7.62	122	69314	6.772	ng	99
33) 4-Chloroaniline	7.96	127	181744	8.181	ng	99
34) Hexachlorobutadiene	8.04	225	72707	8.117	ng	98
35) Caprolactam	8.29	113	39379	7.915	ng	94
36) 4-Chloro-3-methylphenol	8.44	107	123697	8.254	ng	97
37) 2-Methylnaphthalene	8.60	142	299840	9.149	ng	98
38) 1-Methylnaphthalene	8.70	142	284056	9.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	134809	9.698	ng	99

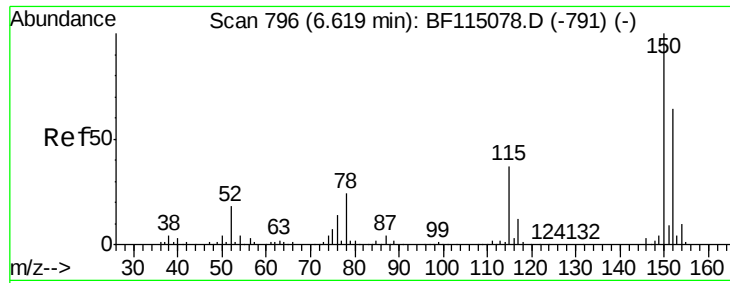
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115109.D
 Acq On : 22 Jun 2019 9:54
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 24 04:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	66501	8.068	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	86692	8.078	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	92166	8.339	ng	97
46) 1,1'-Biphenyl	9.07	154	382559	9.719	ng	97
47) 2-Chloronaphthalene	9.08	162	278165	8.712	ng	98
48) 2-Nitroaniline	9.17	65	70782	7.604	ng	98
49) Acenaphthylene	9.50	152	449929	9.045	ng	97
50) Dimethylphthalate	9.37	163	317875	8.783	ng	98
51) 2,6-Dinitrotoluene	9.42	165	68263	8.170	ng	93
52) Acenaphthene	9.67	154	268794	8.635	ng	98
53) 3-Nitroaniline	9.58	138	78339	7.683	ng	97
54) 2,4-Dinitrophenol	9.68	184	18533	11.258	ng	99
55) Dibenzofuran	9.84	168	393928	8.817	ng	98
56) 4-Nitrophenol	9.73	139	58751	7.187	ng	98
57) 2,4-Dinitrotoluene	9.81	165	85375	7.913	ng	93
58) Fluorene	10.18	166	305101	4.299	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	78200	8.438	ng	100
60) Diethylphthalate	10.07	149	310560	8.536	ng	97
61) 4-Chlorophenyl-phenylether	10.18	204	144911	4.062	ng	97
62) 4-Nitroaniline	10.18	138	77295	7.556	ng	99
63) Azobenzene	10.34	77	296533	8.726	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	27560	9.806	ng	90
66) n-Nitrosodiphenylamine	10.30	169	267325	8.954	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	88024	8.472	ng	96
68) Hexachlorobenzene	10.72	284	97392	8.636	ng	100
69) Atrazine	10.82	200	79722	8.301	ng	97
70) Pentachlorophenol	10.91	266	52977	7.374	ng	98
71) Phenanthrene	11.13	178	464450	9.002	ng	97
72) Anthracene	11.18	178	476601	9.151	ng	98
73) Carbazole	11.33	167	420062	9.032	ng	98
74) Di-n-butylphthalate	11.69	149	485548	9.035	ng	98
75) Fluoranthene	12.31	202	476969	9.265	ng	95
77) Benzidine	12.43	184	201428	6.054	ng	96
78) Pyrene	12.53	202	493097	8.563	ng	98
80) Butylbenzylphthalate	13.17	149	189946	7.474	ng	93
81) Benzo(a)anthracene	13.71	228	418505	7.784	ng	98
82) 3,3'-Dichlorobenzidine	13.68	252	154609	7.963	ng	98
83) Chrysene	13.75	228	421341	8.555	ng	97
84) Bis(2-ethylhexyl)phthalate	13.74	149	272617	8.187	ng	99
85) Di-n-octyl phthalate	14.35	149	433540	7.749	ng	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	386376	6.630	ng	99
88) Benzo(b)fluoranthene	14.71	252	398129	8.235	ng	99
89) Benzo(k)fluoranthene	14.71	252	398129	9.183	ng	97
90) Benzo(a)pyrene	15.02	252	378125	8.678	ng	99
91) Dibenzo(a,h)anthracene	16.36	278	315832	7.764	ng	96
92) Benzo(g,h,i)perylene	16.71	276	313569	7.616	ng	99

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

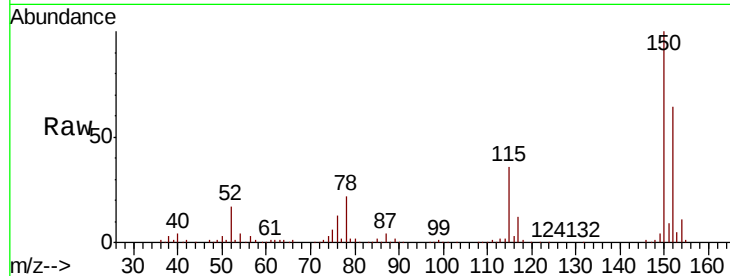


#1

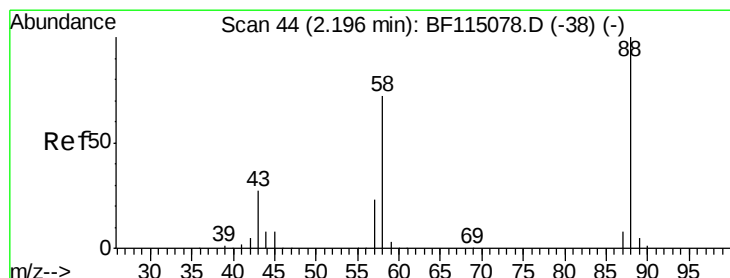
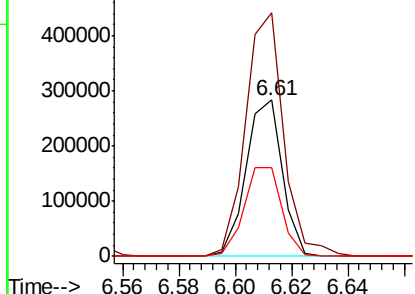
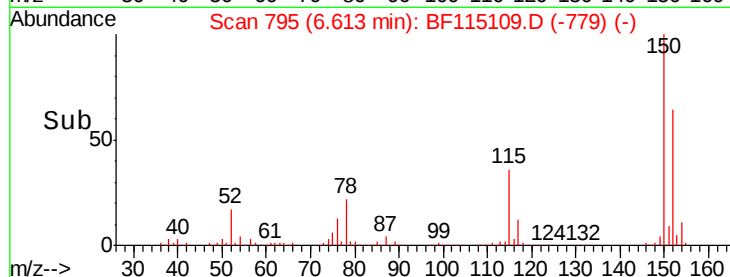
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:152 Resp: 252989
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 56.4 46.1 69.1



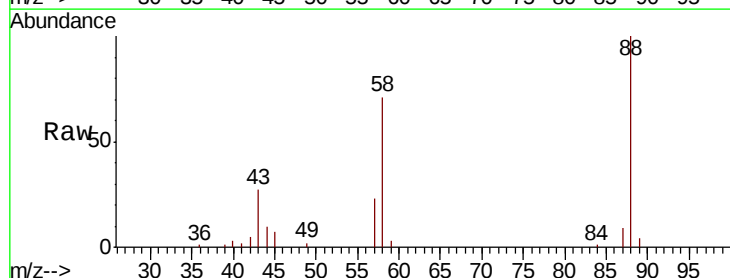
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



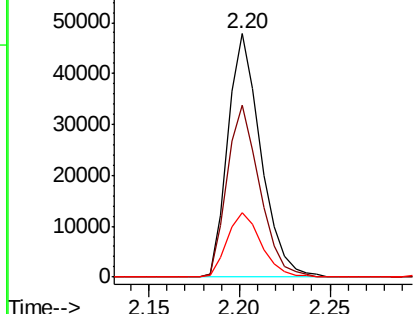
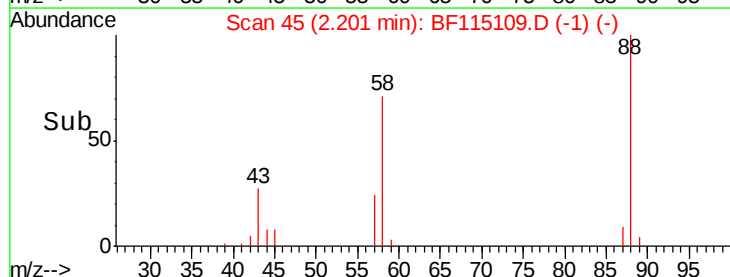
#2

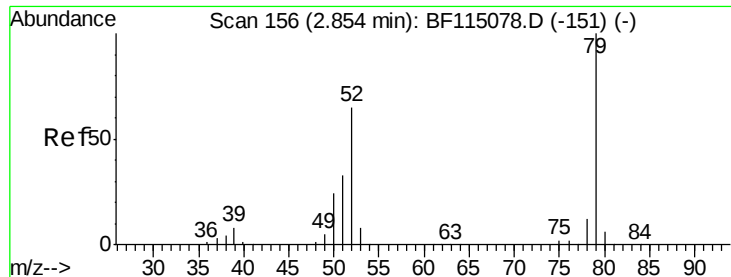
1,4-Dioxane
Concen: 7.810 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion: 88 Resp: 60431
Ion Ratio Lower Upper
88 100
58 69.9 56.1 84.1
43 27.4 21.3 31.9



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

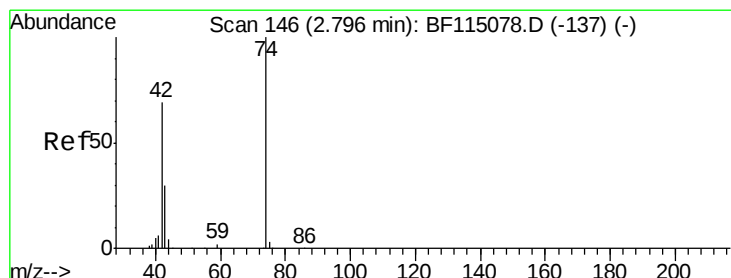
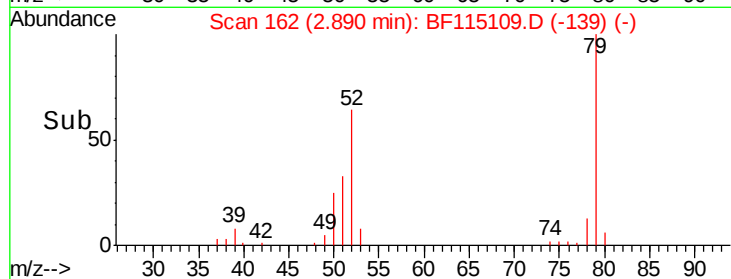
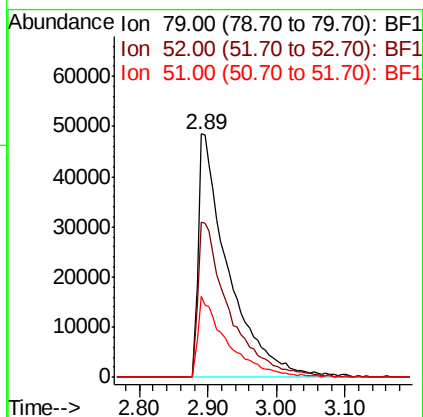
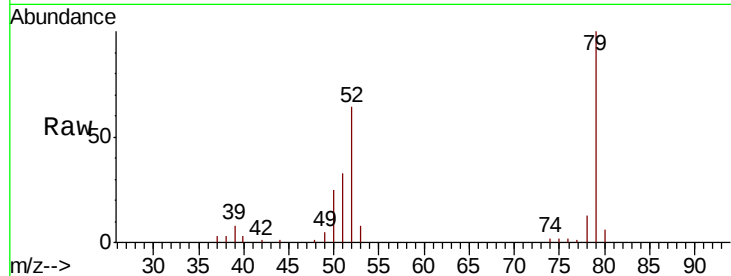




#3
 Pvridine
 Concen: 6.835 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.04 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

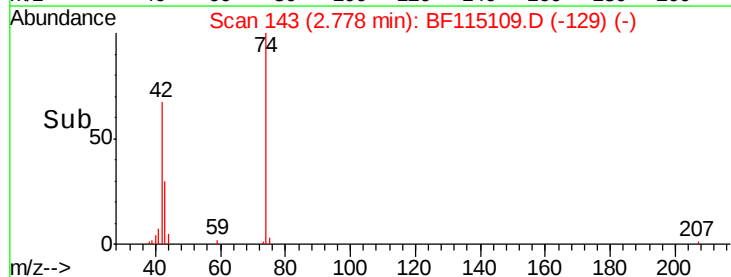
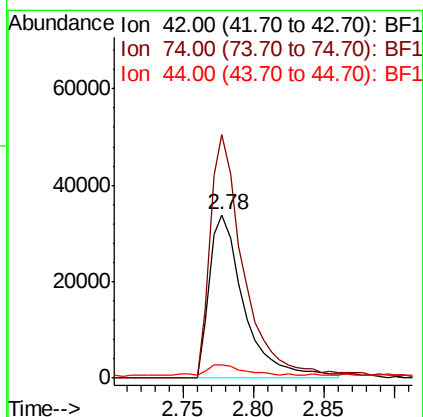
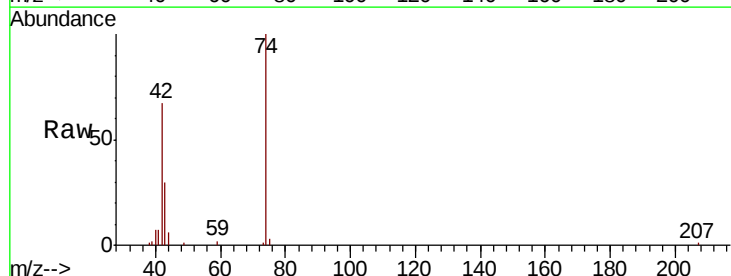
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

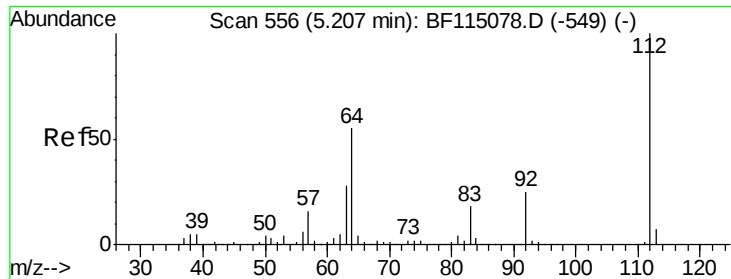
Tot Ion: 79 Resp: 149054
 Ion Ratio Lower Upper
 79 100
 52 63.8 52.3 78.5
 51 33.4 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 6.805 ng
 RT: 2.78 min Scan# 143
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion: 42 Resp: 58174
 Ion Ratio Lower Upper
 42 100
 74 149.4 116.6 175.0
 44 8.5 5.3 7.9#





#5

2-Fluorophenol

Concen: 110.271 ng

RT: 5.21 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

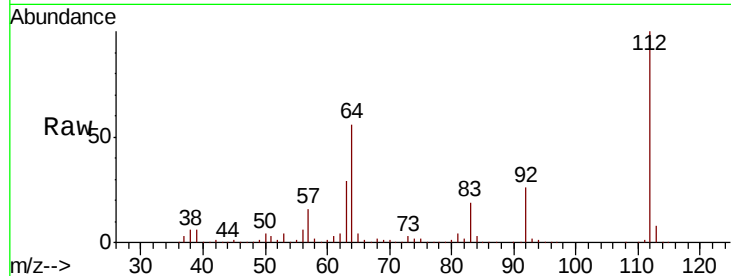
Tot Ion:112 Resp: 1807804

Ion Ratio Lower Upper

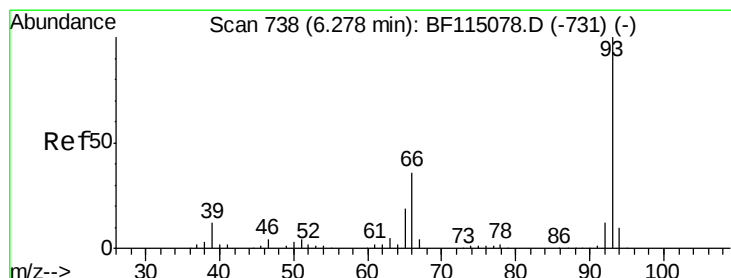
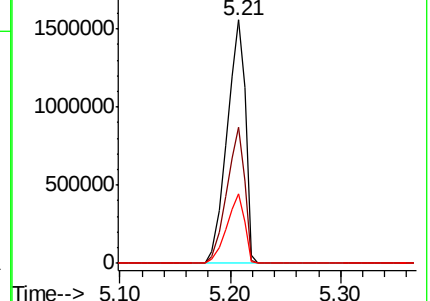
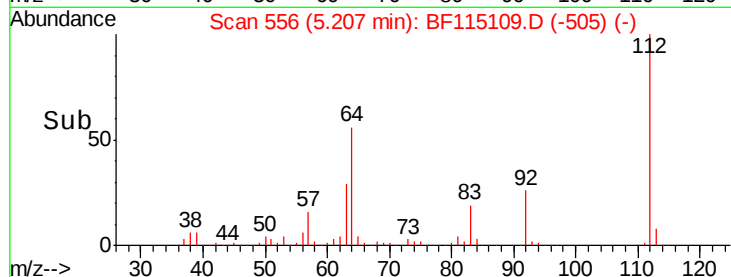
112 100

64 55.7 43.8 65.6

63 28.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115109.D (-505) (-)



#6

Aniline

Concen: 7.857 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

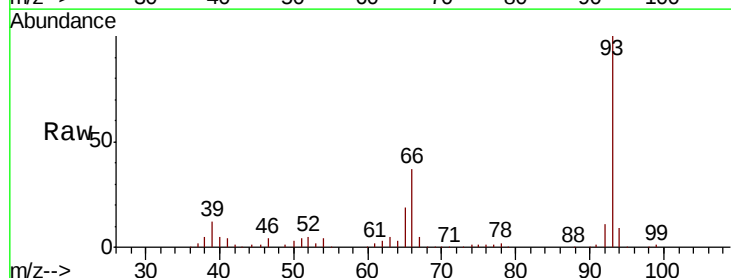
Tgt Ion: 93 Resp: 214874

Ion Ratio Lower Upper

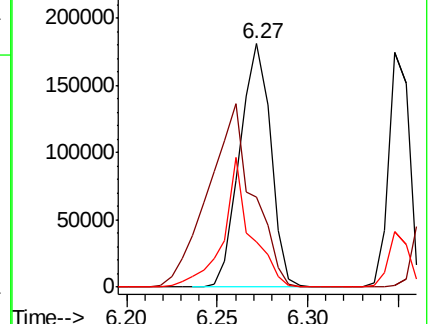
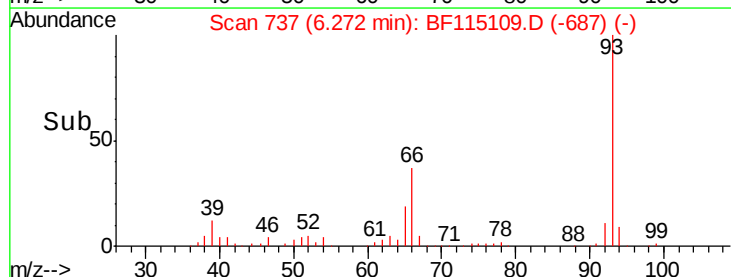
93 100

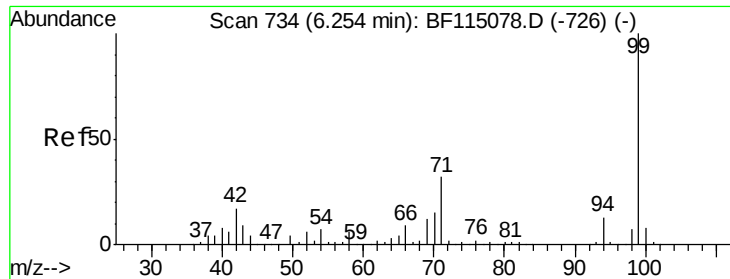
66 36.8 30.0 45.0

65 18.7 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF115109.D (-687) (-)





#7

Phenol-d6

Concen: 111.889 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

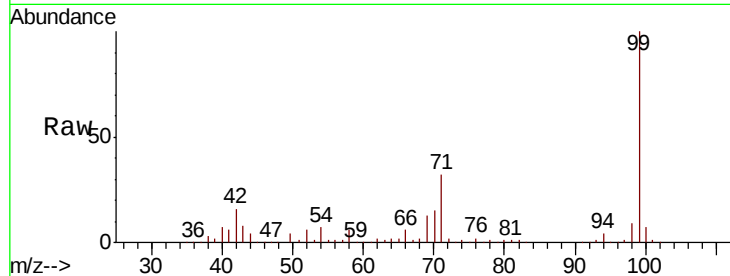
BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion: 99 Resp: 2226427

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	32.2	25.5	38.3

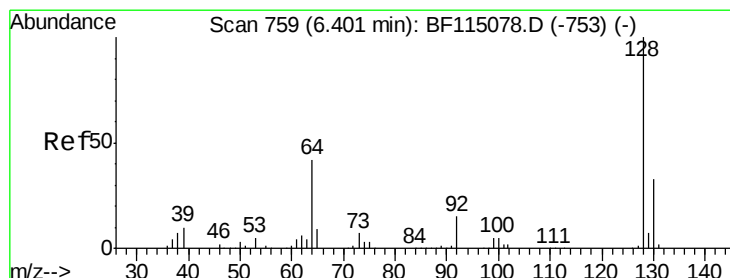
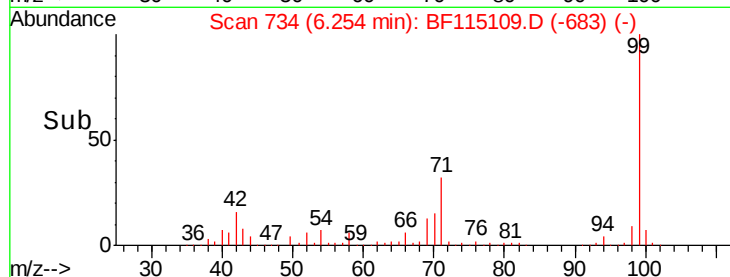
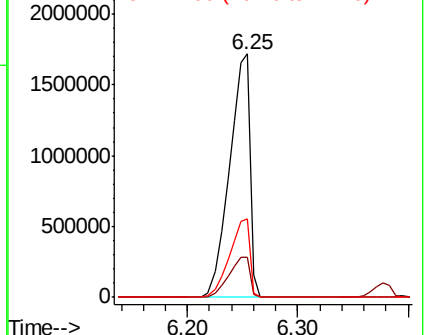


Abundance

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: 7.806 ng

RT: 6.40 min Scan# 758

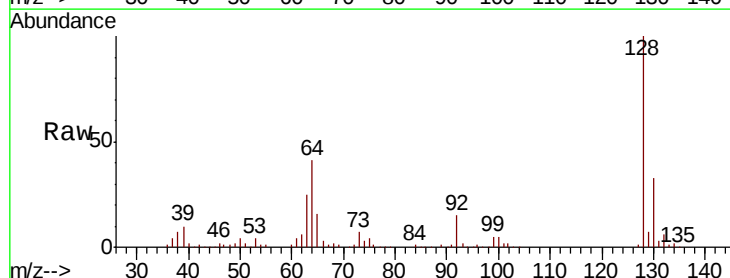
Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Tgt Ion: 128 Resp: 143904

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	41.3	22.9	62.9

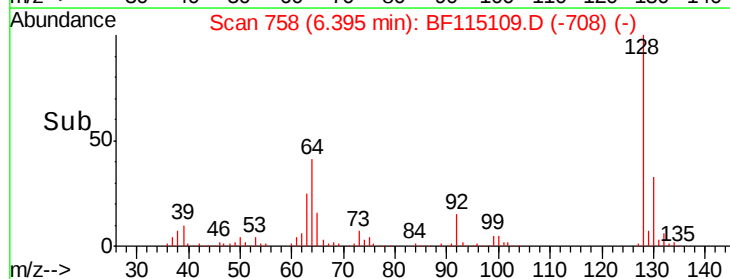
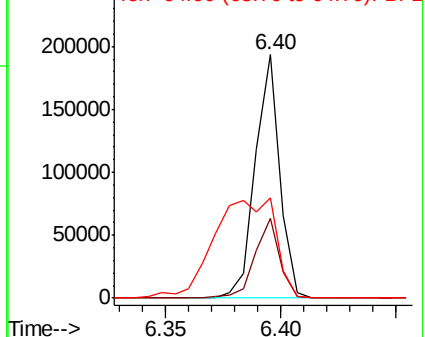


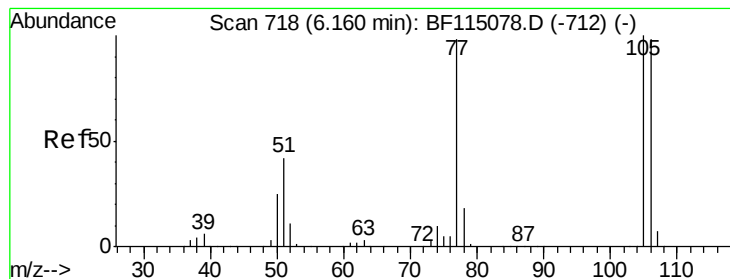
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.358 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

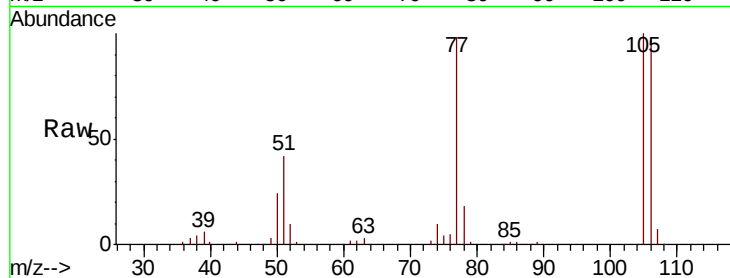
Tot Ion: 77 Resp: 121486

Ion Ratio Lower Upper

77 100

105 102.5 81.5 121.5

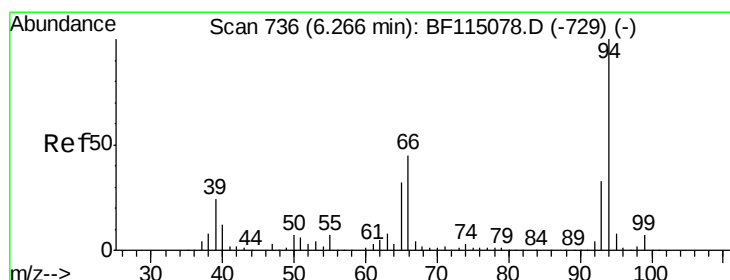
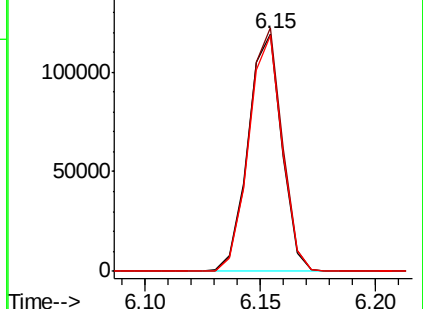
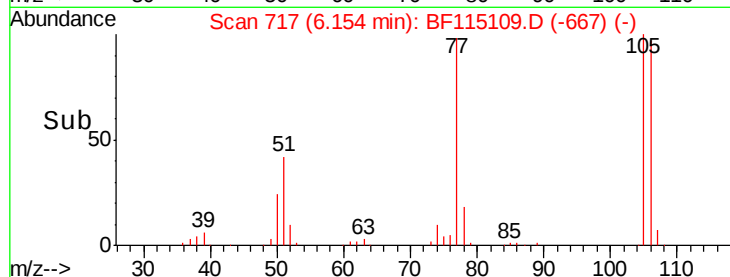
106 99.1 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 7.915 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

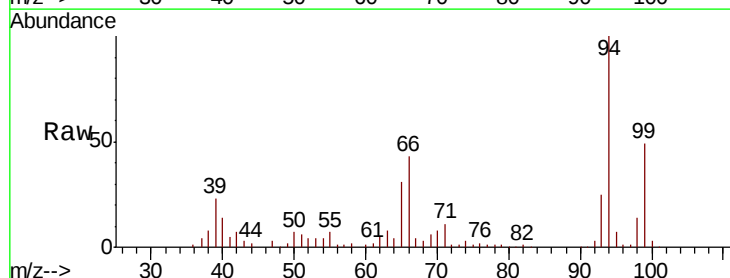
Tgt Ion: 94 Resp: 184477

Ion Ratio Lower Upper

94 100

65 30.6 11.9 51.9

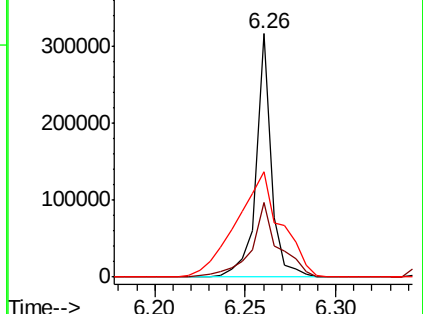
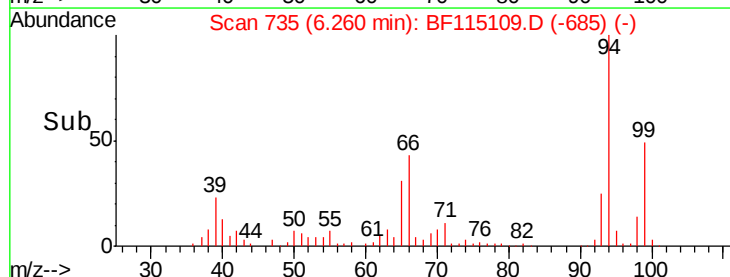
66 43.1 25.2 65.2

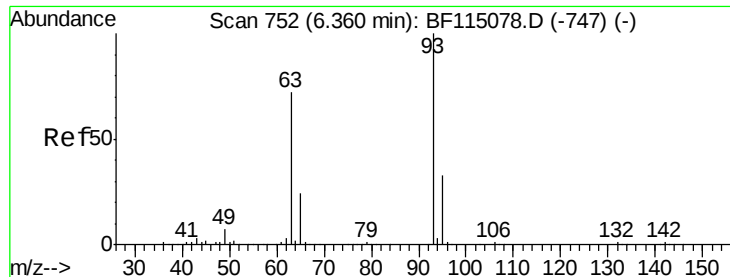


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

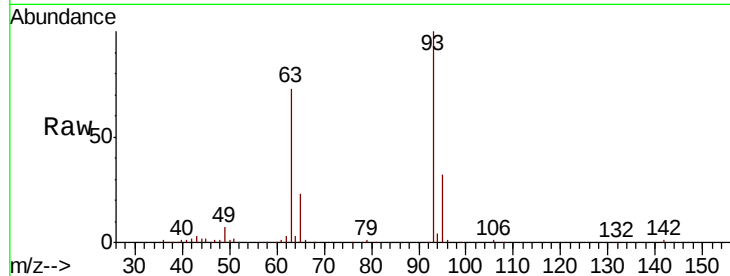




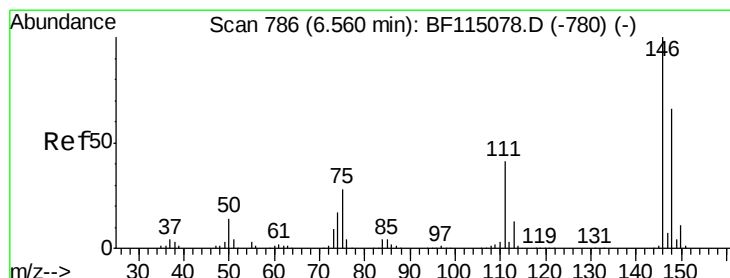
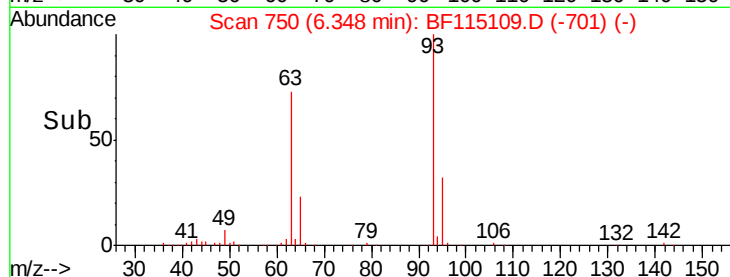
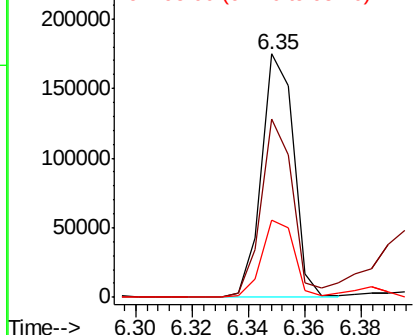
#11
bis(2-Chloroethyl)ether
Concen: 8.048 ng
RT: 6.35 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion: 93 Resp: 138271
Ion Ratio Lower Upper
93 100
63 73.3 51.5 91.5
95 31.7 13.4 53.4

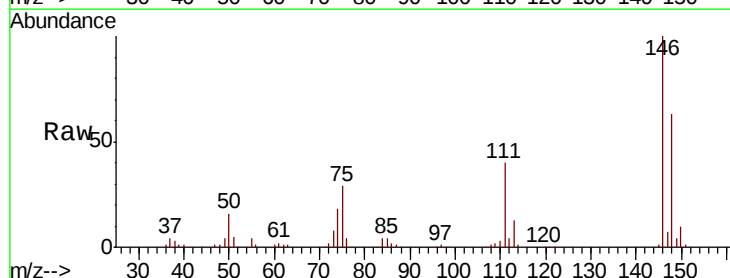


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

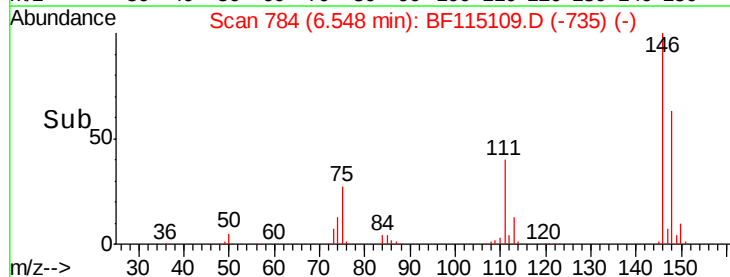
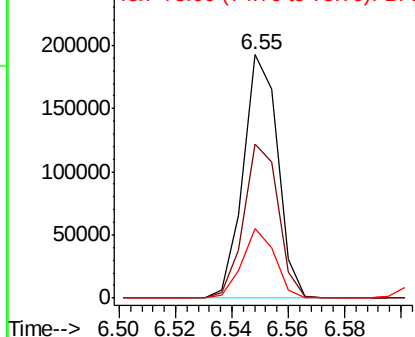


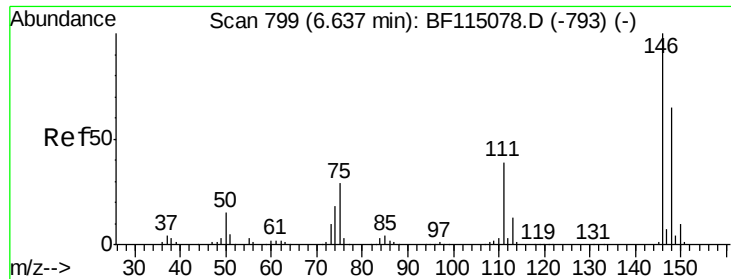
#12
1,3-Dichlorobenzene
Concen: 7.968 ng
RT: 6.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion: 146 Resp: 163019
Ion Ratio Lower Upper
146 100
148 63.4 52.6 78.8
75 28.7 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

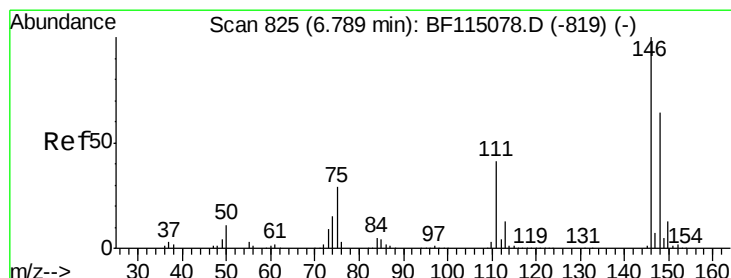
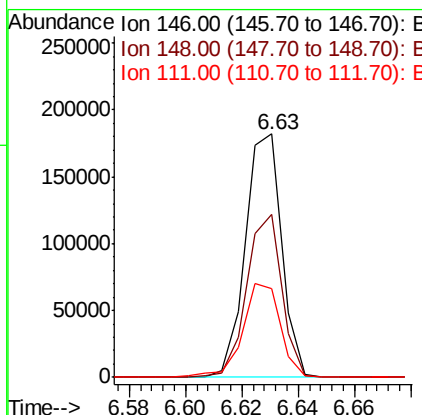
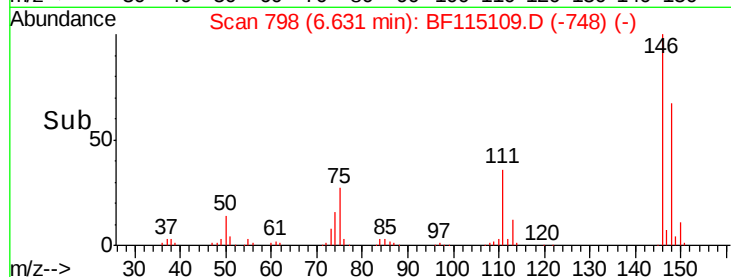
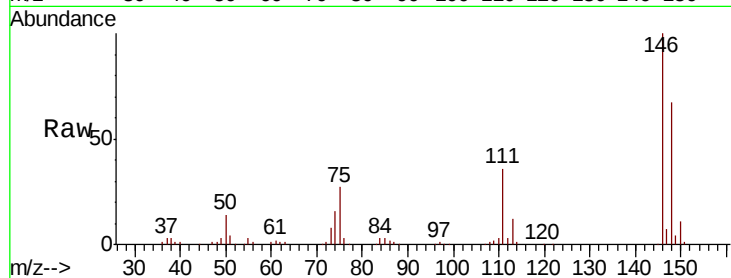




#13
 1,4-Dichlorobenzene
 Concen: 7.928 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

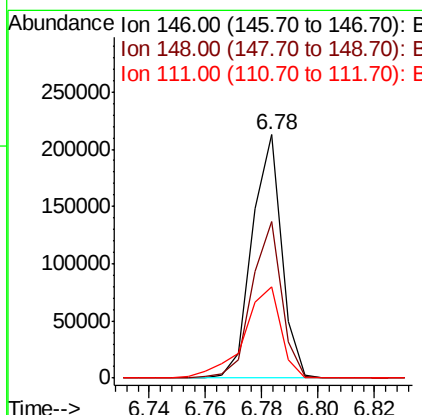
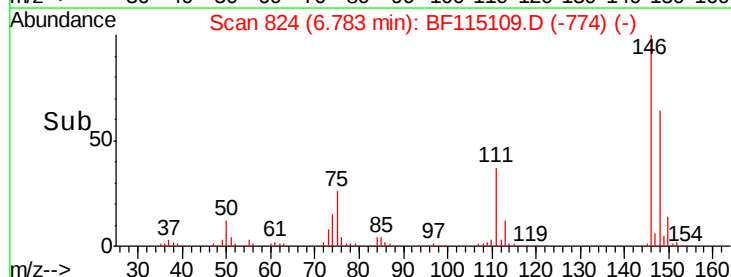
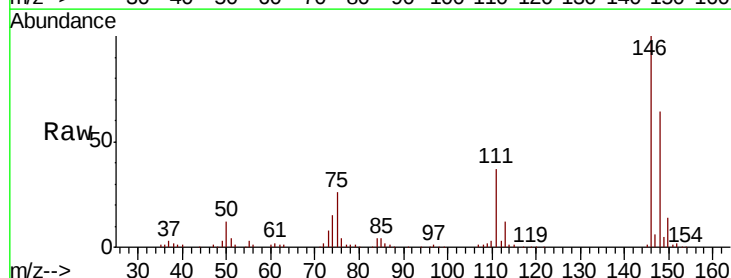
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

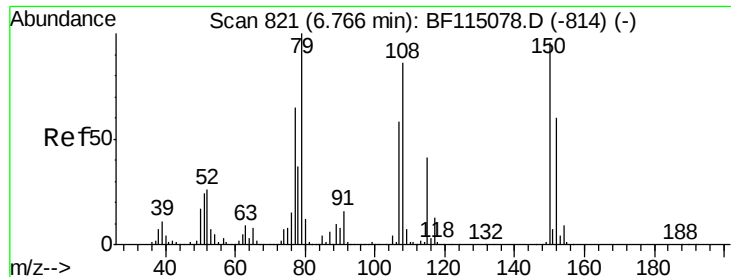
Tot Ion:146 Resp: 162646
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.9 77.9
 111 36.3 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 8.127 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion:146 Resp: 154408
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 37.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 8.962 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

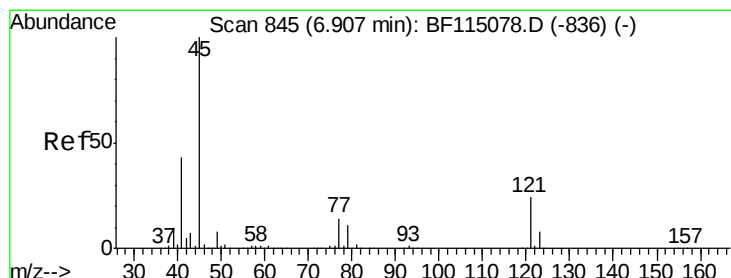
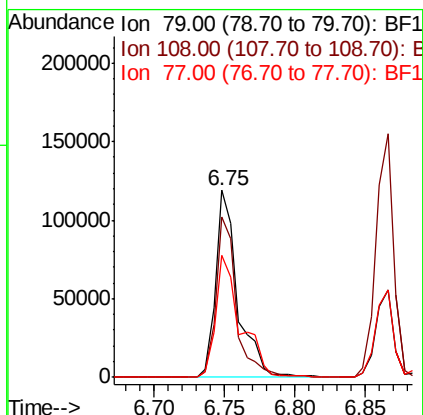
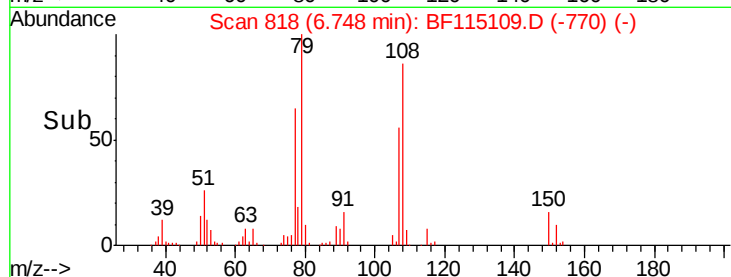
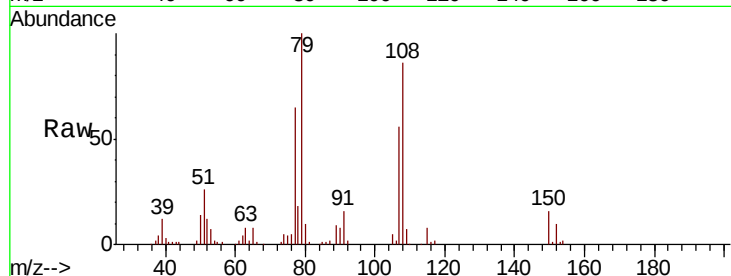
Tot Ion: 79 Resp: 129855

Ion Ratio Lower Upper

79 100

108 86.2 68.7 103.1

77 65.0 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.733 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

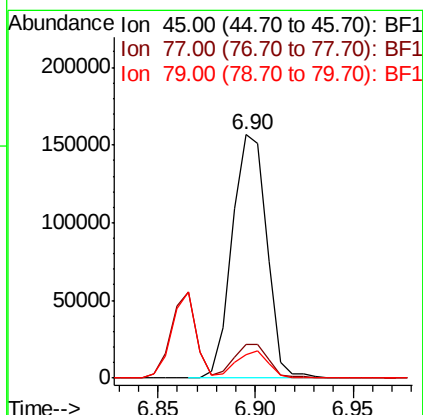
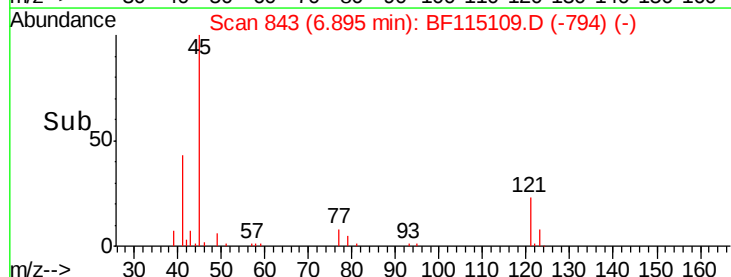
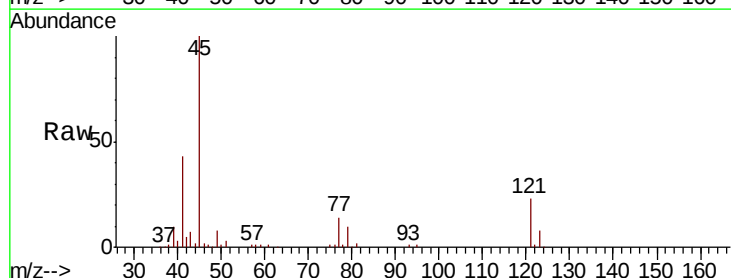
Tgt Ion: 45 Resp: 192715

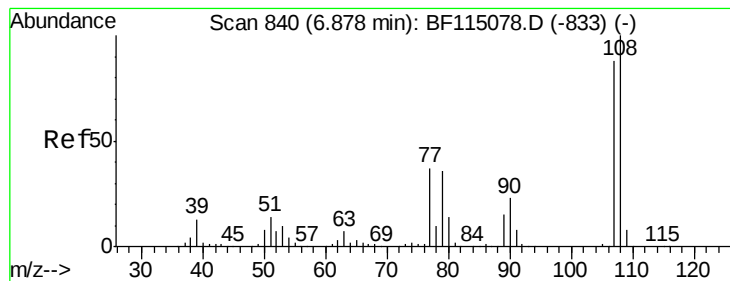
Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.6

79 9.8 0.0 31.2

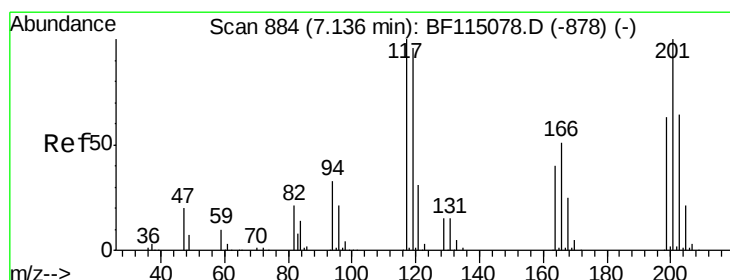
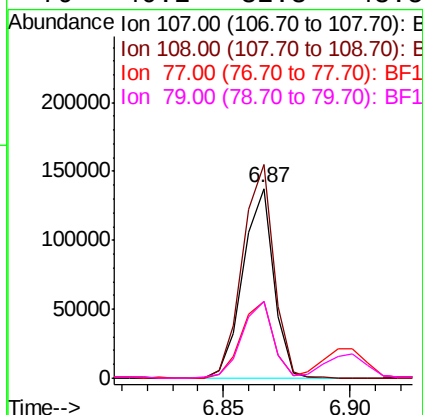
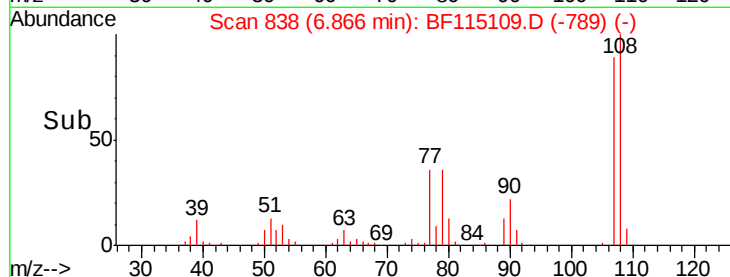
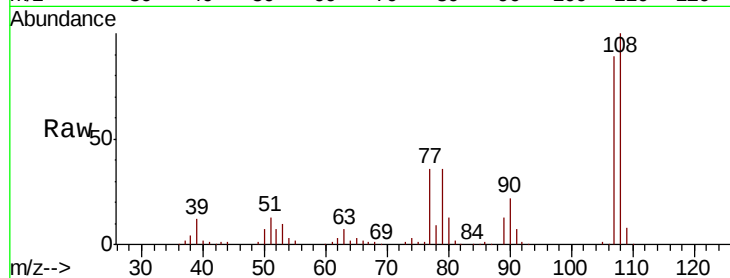




#17
2-Methylphenol
Concen: 7.672 ng
RT: 6.87 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

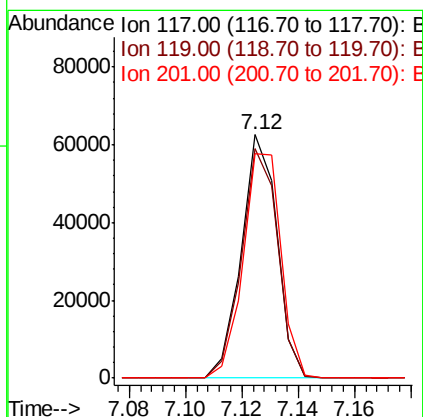
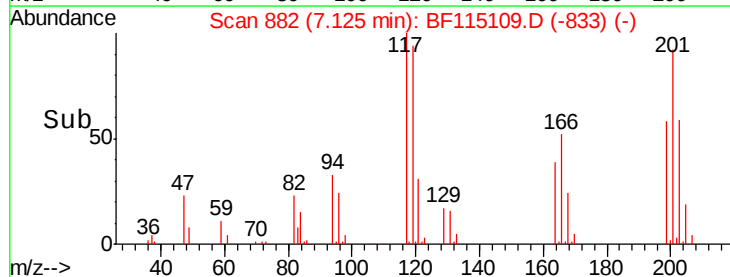
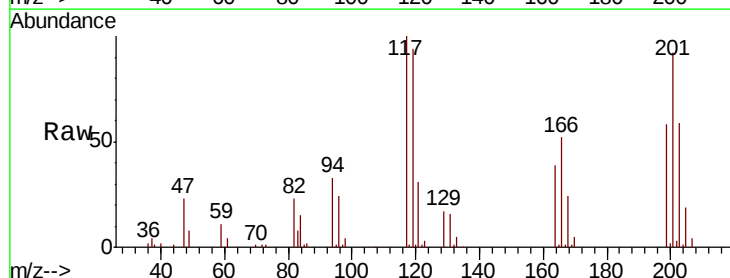
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

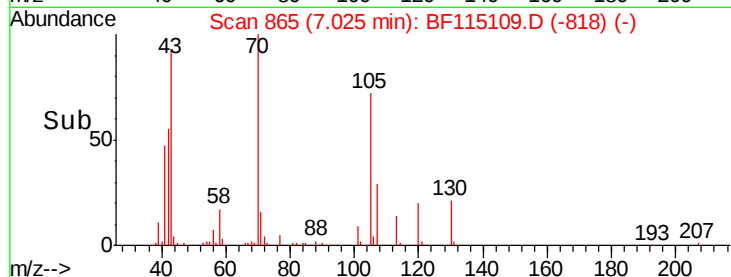
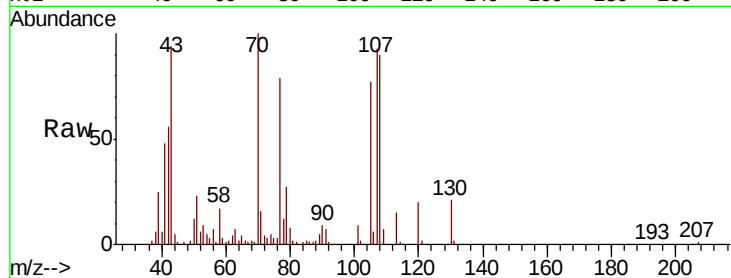
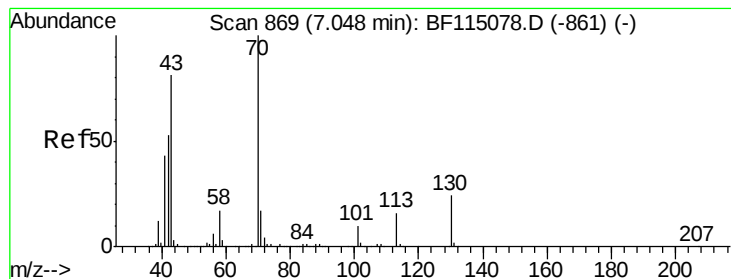
Tot Ion:	107	Resp:	116736
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	40.3	33.4	50.2
79	40.2	32.3	48.5



#18
Hexachloroethane
Concen: 7.405 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:	117	Resp:	54765
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.6	114.8
201	92.2	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 7.833 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion: 70 Resp: 99791

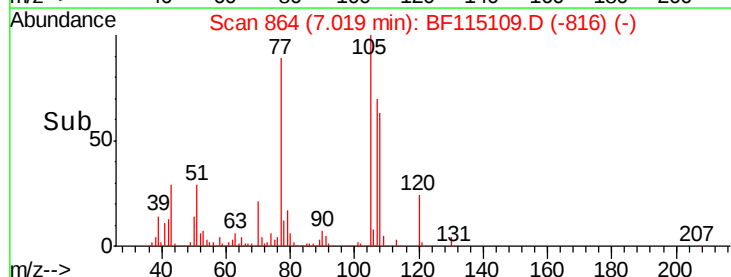
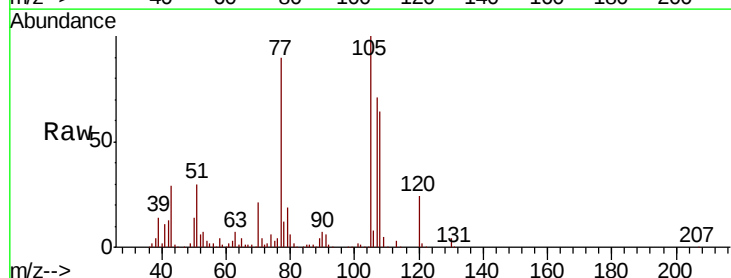
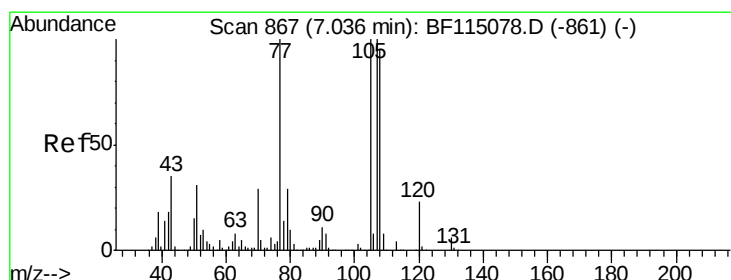
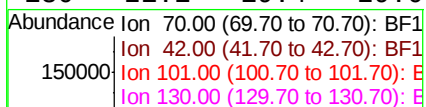
Ion Ratio Lower Upper

70 100

42 56.1 42.6 63.8

101 9.3 8.0 12.0

130 21.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 8.614 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Tgt Ion: 107 Resp: 151350

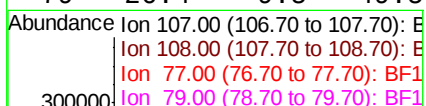
Ion Ratio Lower Upper

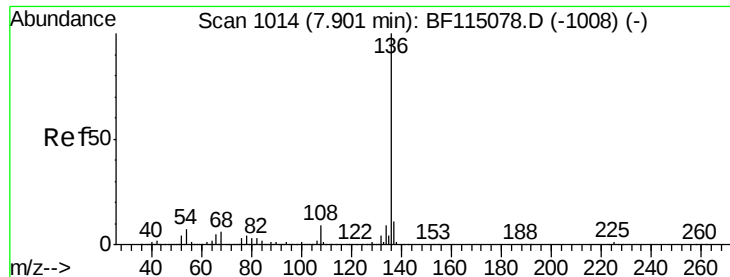
107 100

108 90.6 75.5 115.5

77 127.1 80.2 120.2#

79 26.4 9.5 49.5

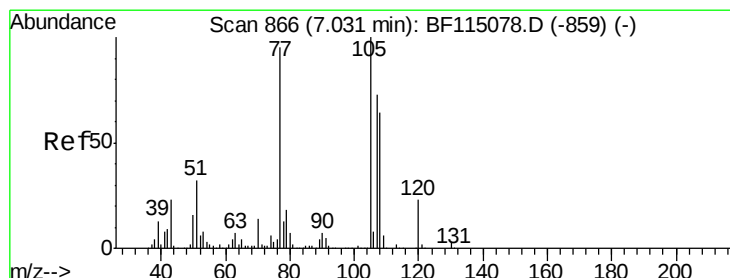
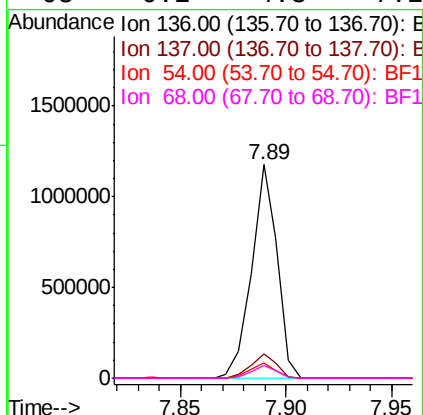
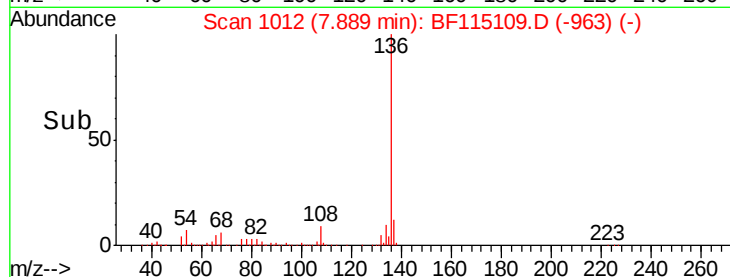
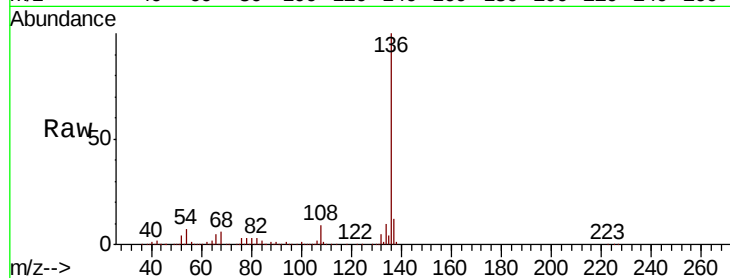




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

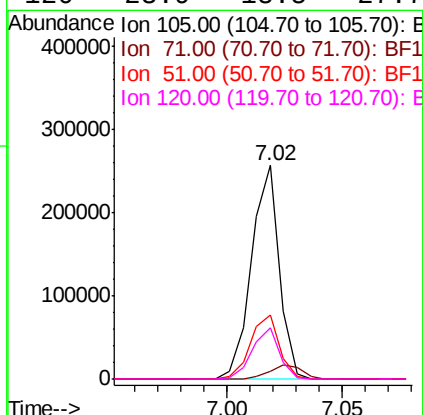
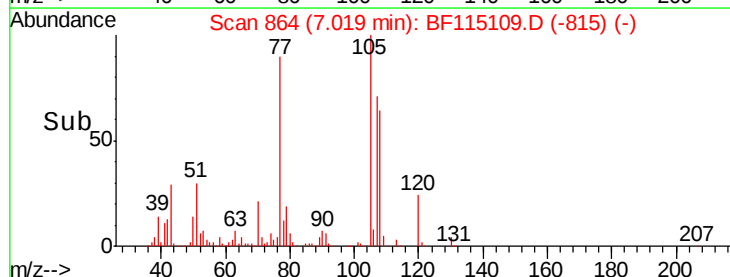
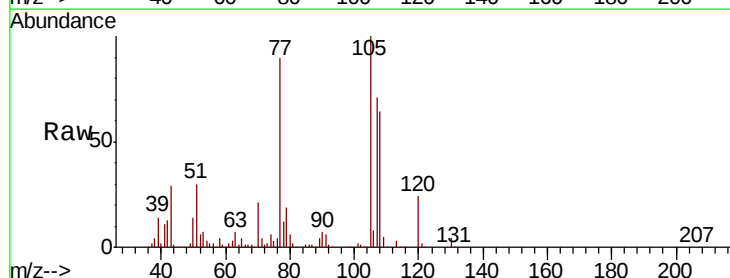
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

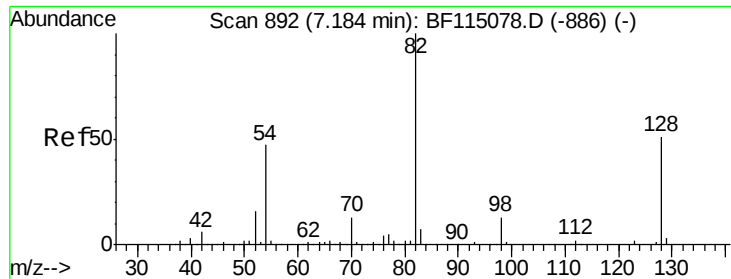
Tot Ion:136	Resp:	990247
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.9	13.3
54 7.2	5.6	8.4
68 6.2	4.8	7.2



#22
Acetophenone
Concen: 9.515 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt	Ion:105	Resp:	215699
Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.9	2.9#
51	29.8	25.8	38.8
120	23.9	18.5	27.7

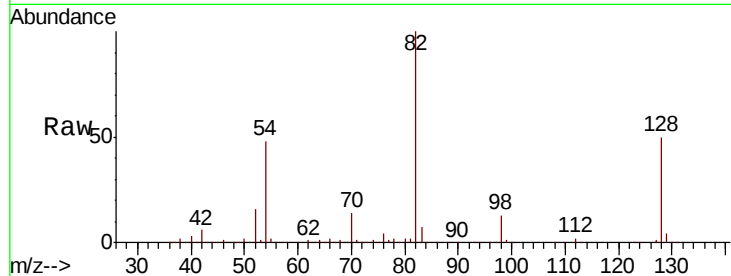




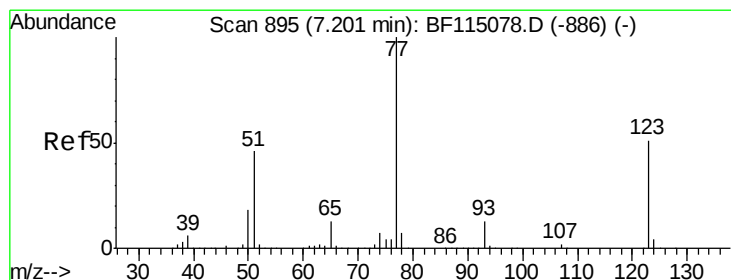
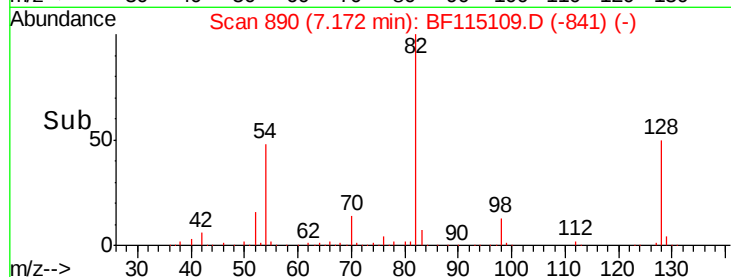
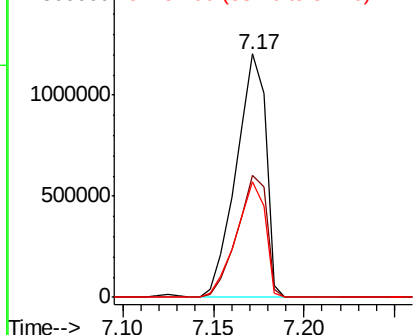
#23
Nitrobenzene-d5
Concen: 84.992 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion: 82 Resp: 1368167
Ion Ratio Lower Upper
82 100
128 49.9 40.4 60.6
54 47.6 37.5 56.3

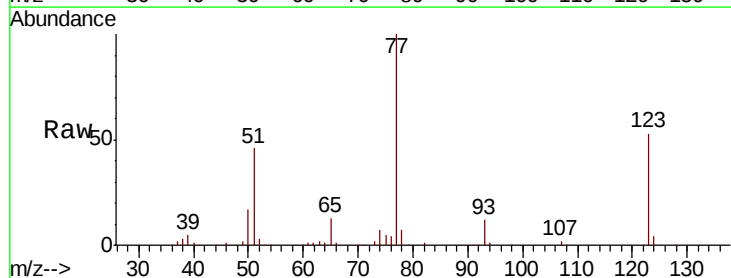


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

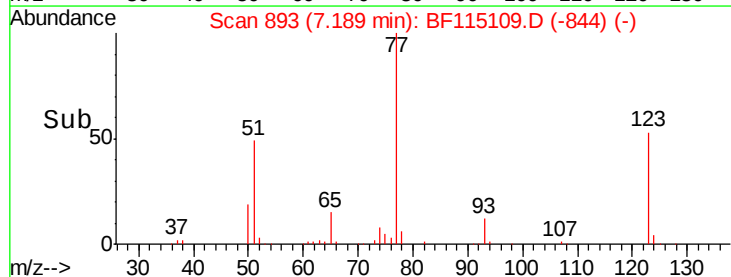
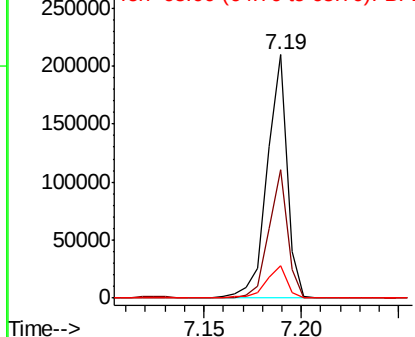


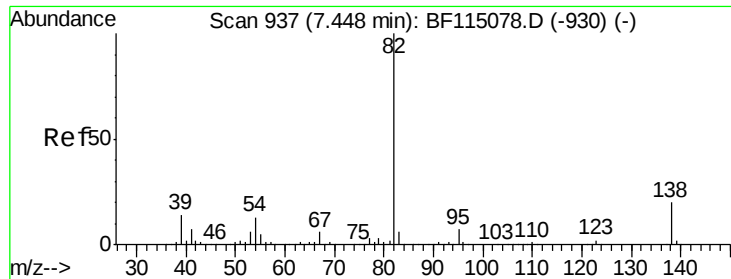
#24
Nitrobenzene
Concen: 8.402 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion: 77 Resp: 149001
Ion Ratio Lower Upper
77 100
123 52.7 41.0 61.6
65 13.3 10.5 15.7



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

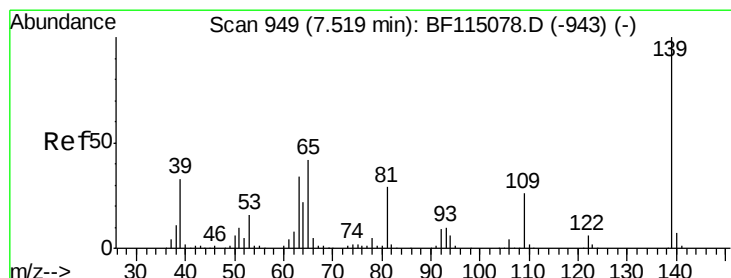
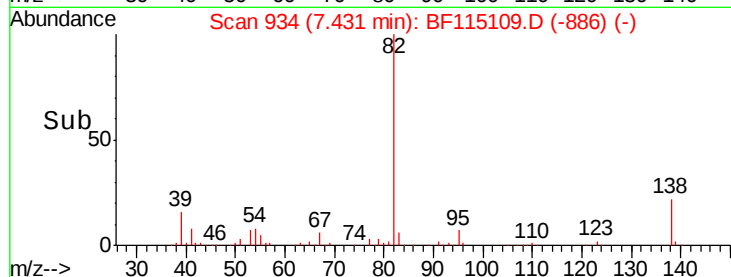
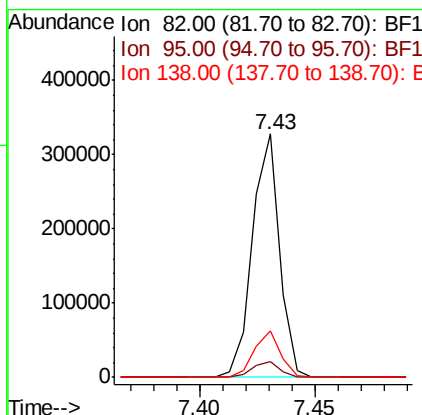
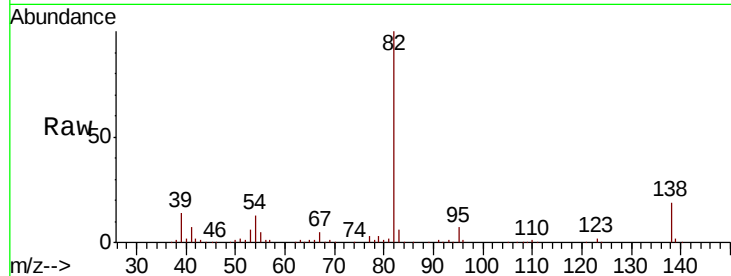




#25
Isophorone
Concen: 8.177 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

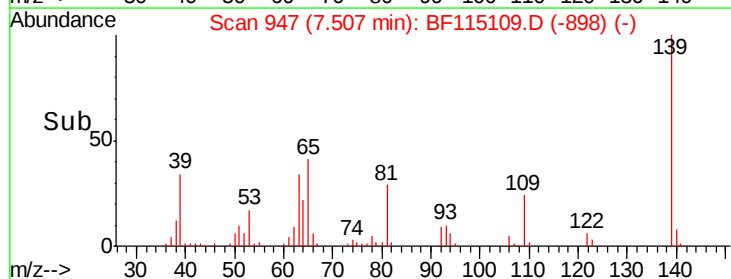
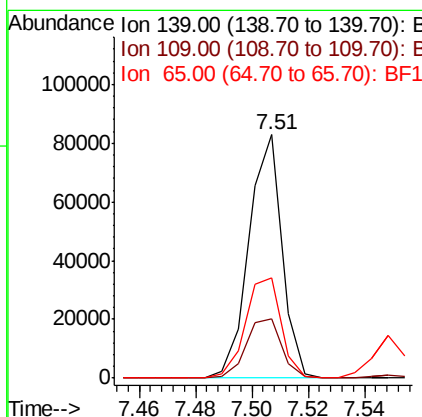
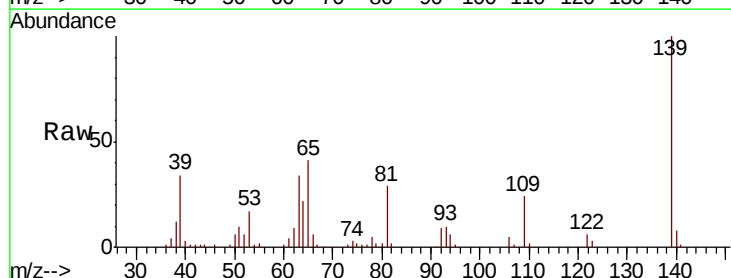
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

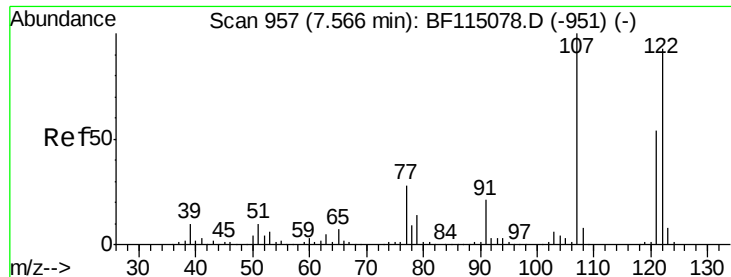
Tot Ion: 82 Resp: 269634
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 19.3 15.9 23.9



#26
2-Nitrophenol
Concen: 7.680 ng
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion: 139 Resp: 67259
Ion Ratio Lower Upper
139 100
109 24.3 20.4 30.6
65 41.4 33.6 50.4

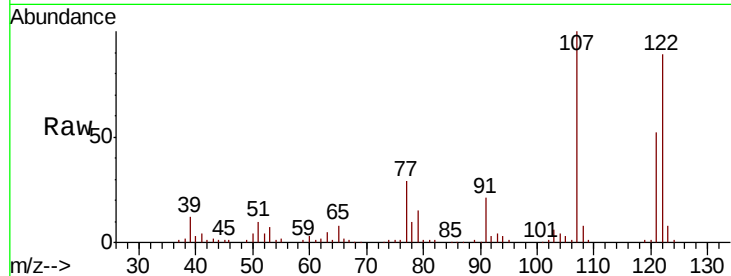




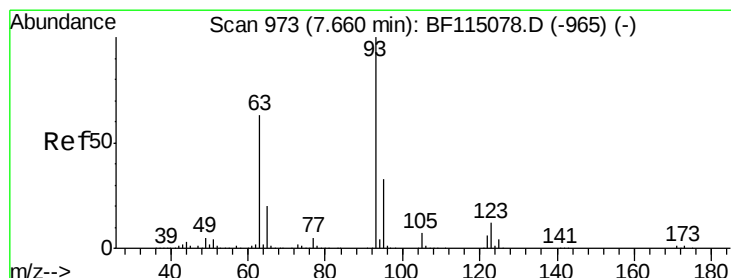
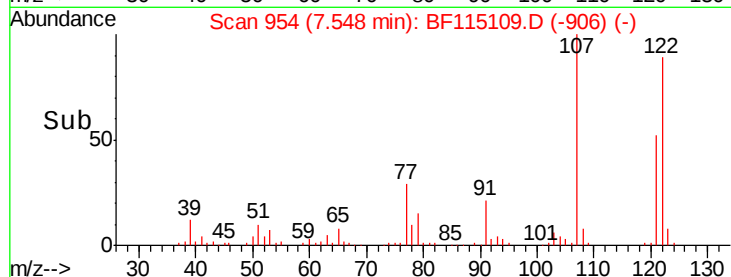
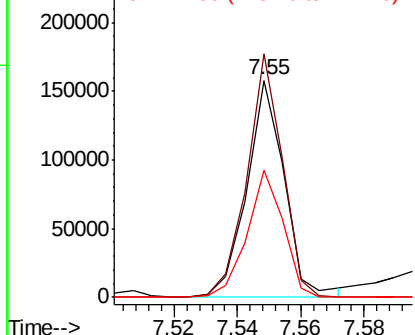
#27
 2,4-Dimethylphenol
 Concen: 9.080 ng
 RT: 7.55 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

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

Tot Ion:122 Resp: 130199
 Ion Ratio Lower Upper
 122 100
 107 112.2 85.8 128.6
 121 58.5 46.3 69.5

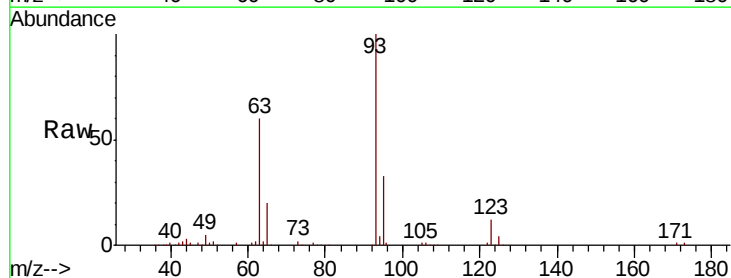


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

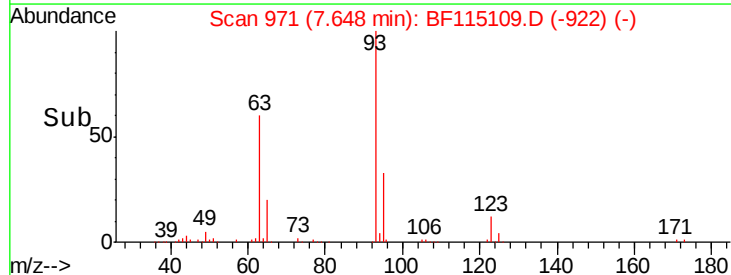
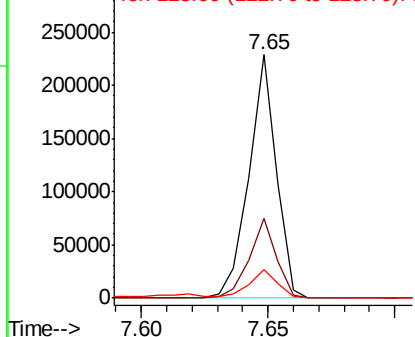


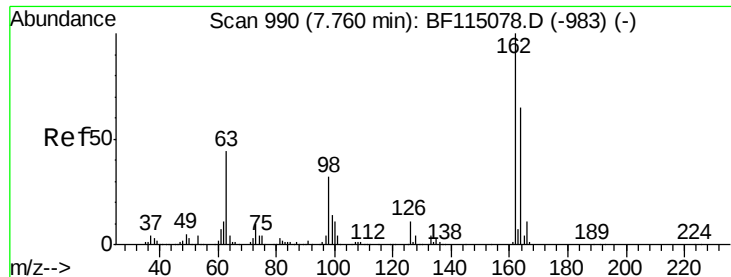
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.256 ng
 RT: 7.65 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion: 93 Resp: 172069
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 12.0 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

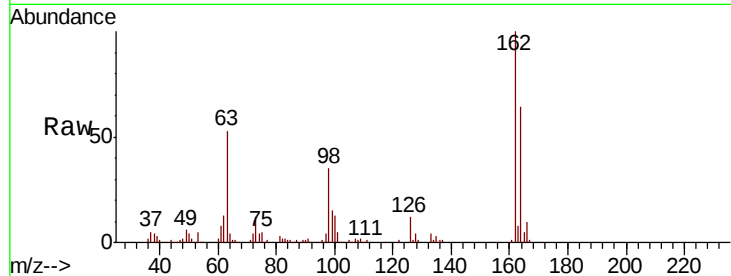




#29
 2,4-Dichlorophenol
 Concen: 7.934 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.3	85.3
98	35.5	12.5	52.5

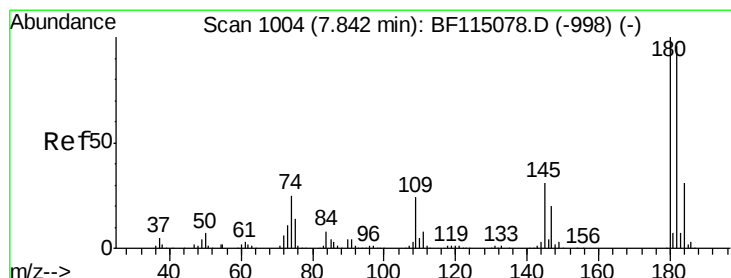
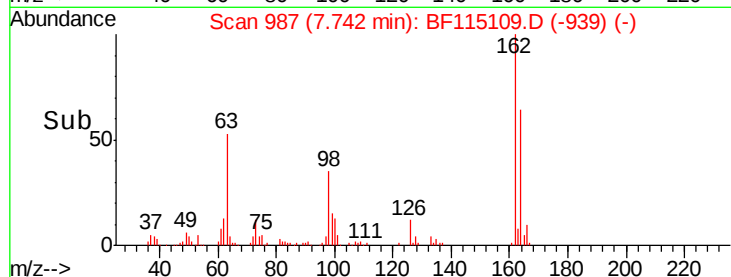
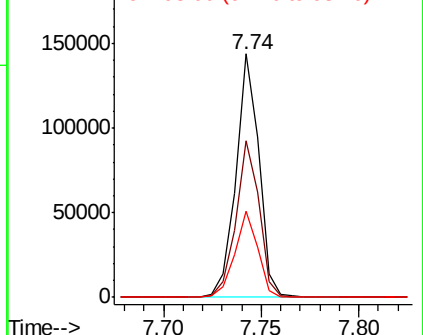


Abundance

Ion 162.00 (161.70 to 162.70): E

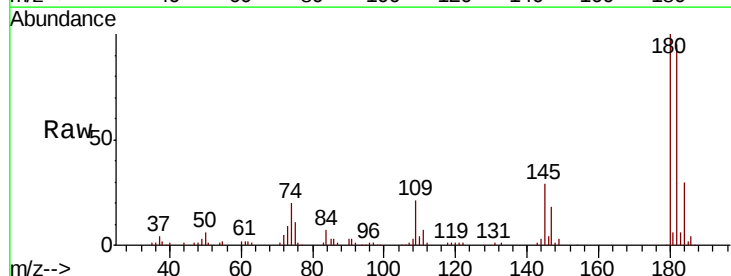
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 8.303 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	28.7	24.8	37.2

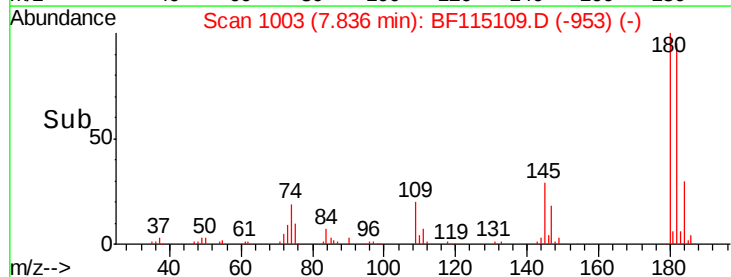
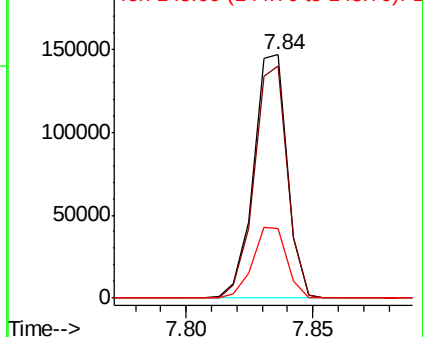


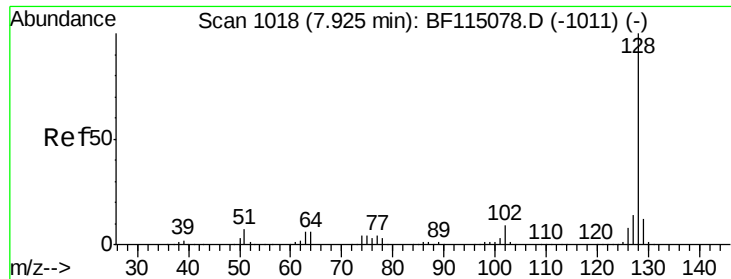
Abundance

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

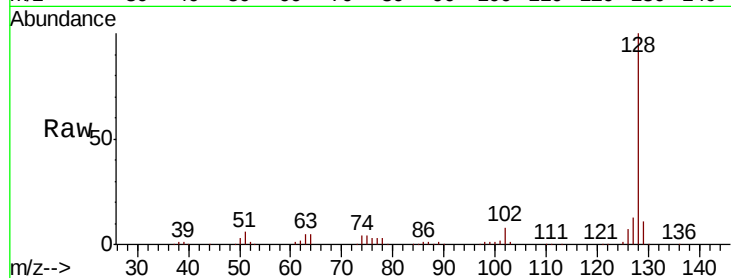




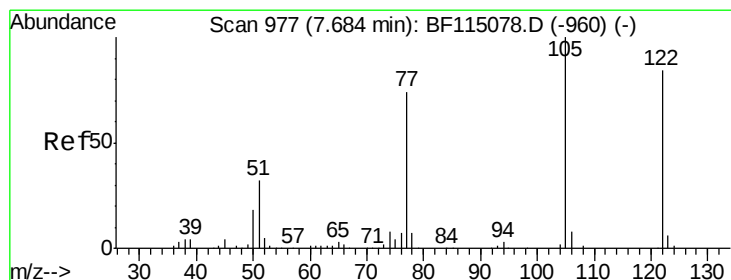
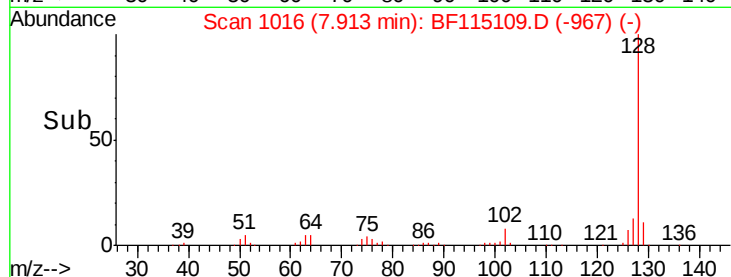
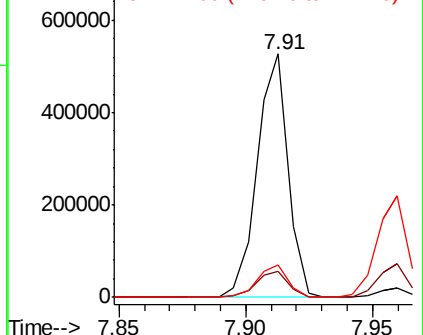
#31
Naphthalene
Concen: 9.122 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:128 Resp: 443417
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.1 11.4 17.0

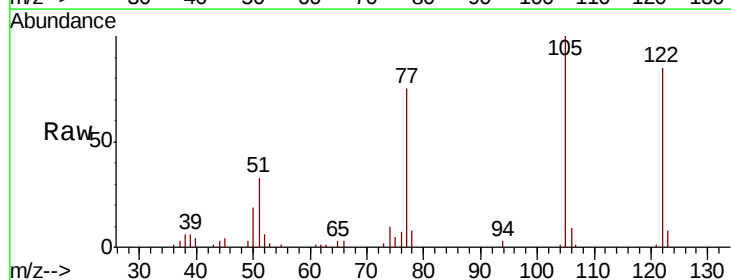


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

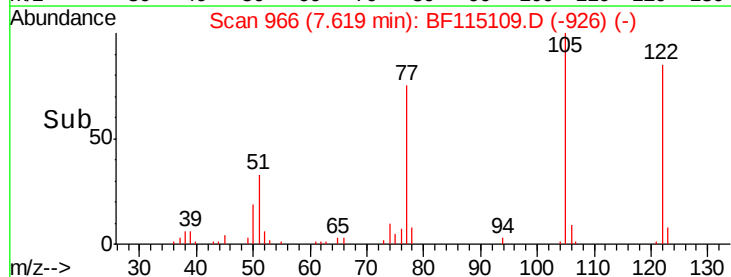
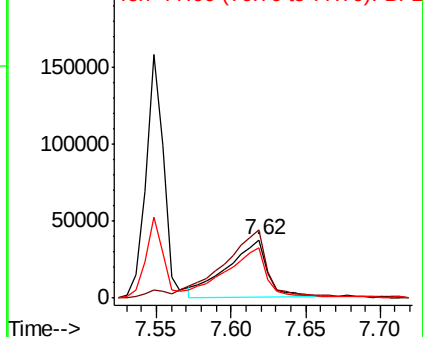


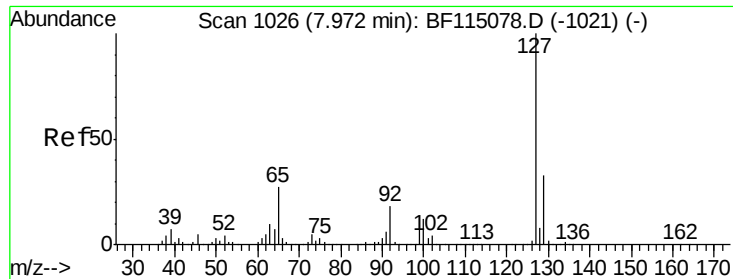
#32
Benzoic acid
Concen: 6.772 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.06 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:122 Resp: 69314
Ion Ratio Lower Upper
122 100
105 117.4 98.2 138.2
77 87.6 67.0 107.0



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

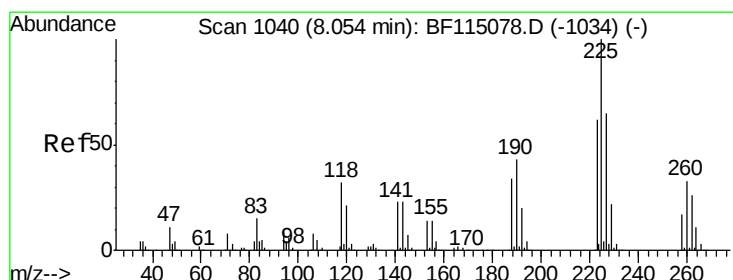
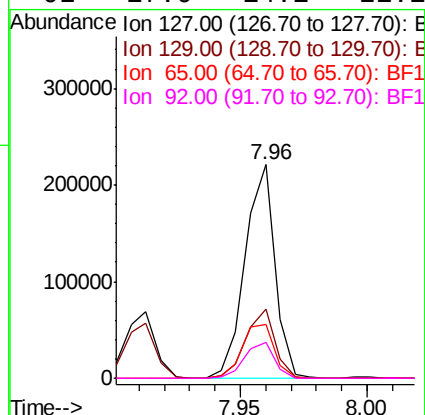
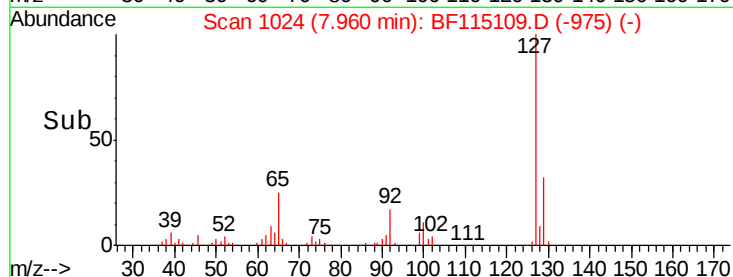
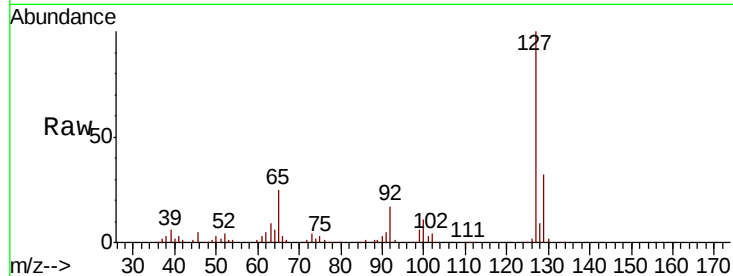




#33
4-Chloroaniline
Concen: 8.181 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

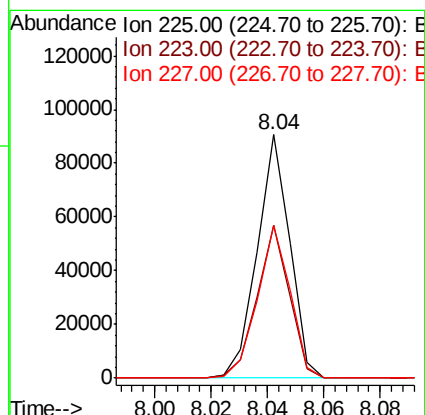
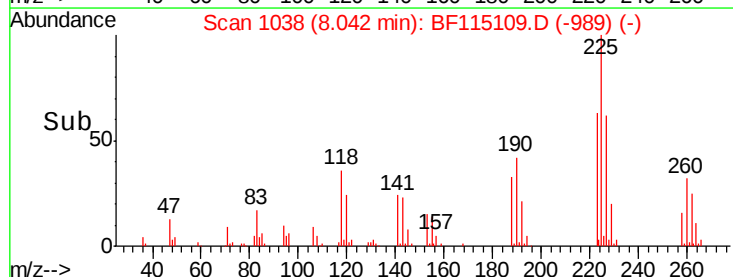
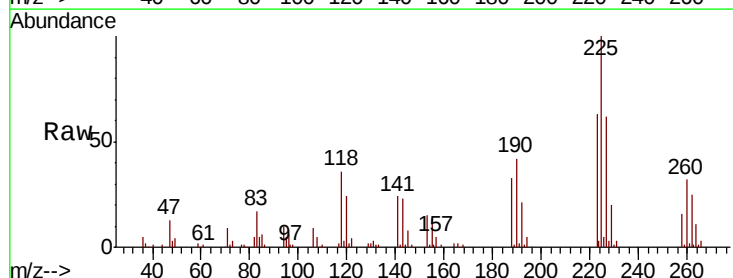
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

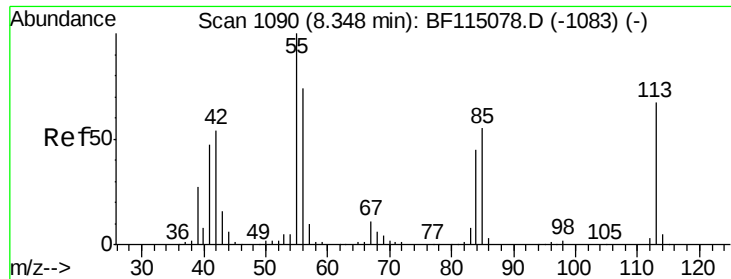
Tot Ion:	127	Resp:	181744
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	25.4	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 8.117 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:	225	Resp:	72707
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	62.5	51.8	77.8

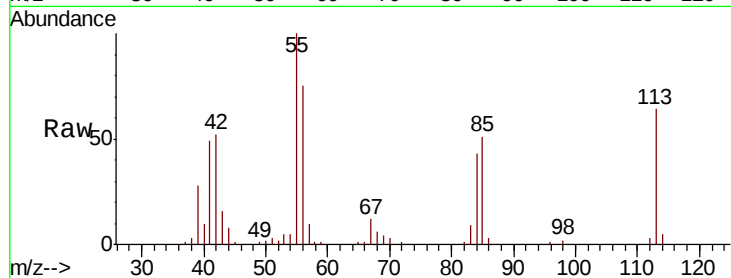




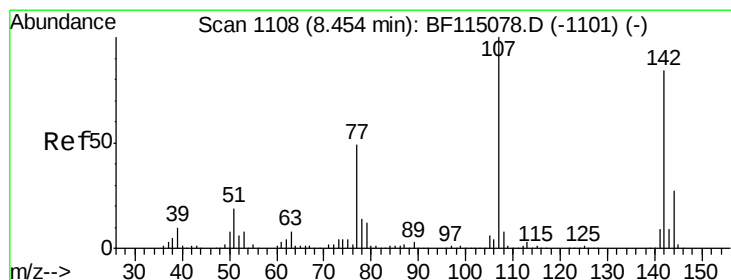
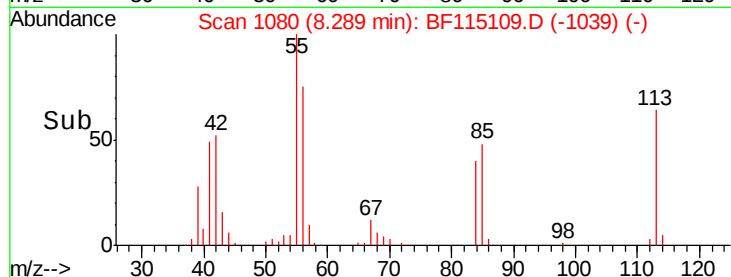
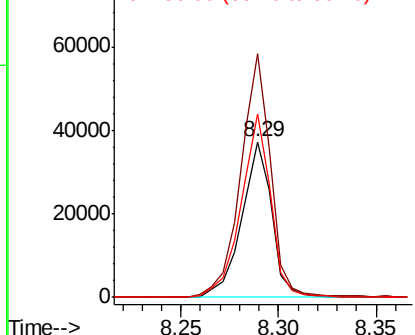
#35
Caprolactam
Concen: 7.915 ng
RT: 8.29 min Scan# 1080
Delta R.T. -0.06 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:113 Resp: 39379
Ion Ratio Lower Upper
113 100
55 156.6 130.2 170.2
56 118.2 91.6 131.6

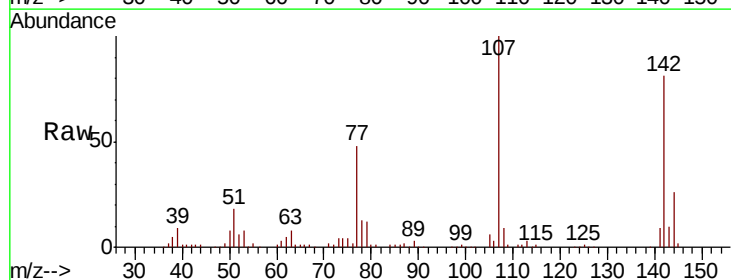


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

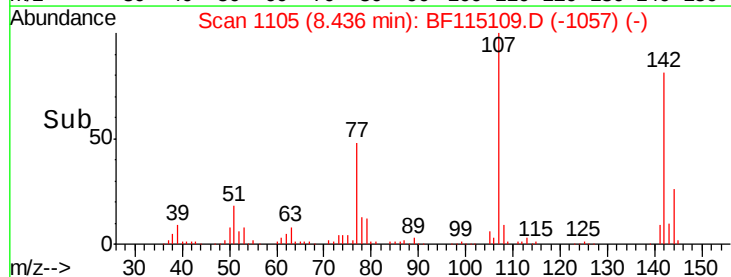
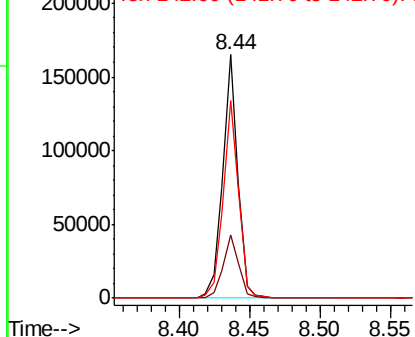


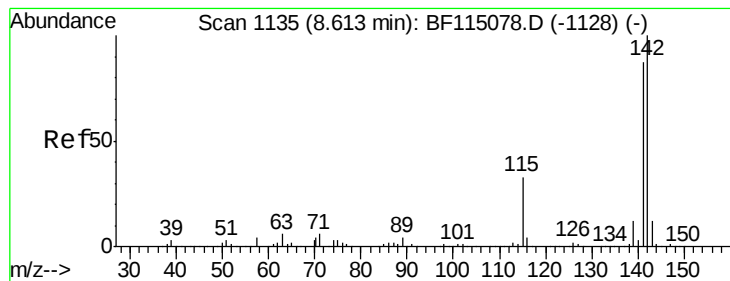
#36
4-Chloro-3-methylphenol
Concen: 8.254 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:107 Resp: 123697
Ion Ratio Lower Upper
107 100
144 26.0 21.7 32.5
142 81.2 67.0 100.4



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: 9.149 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

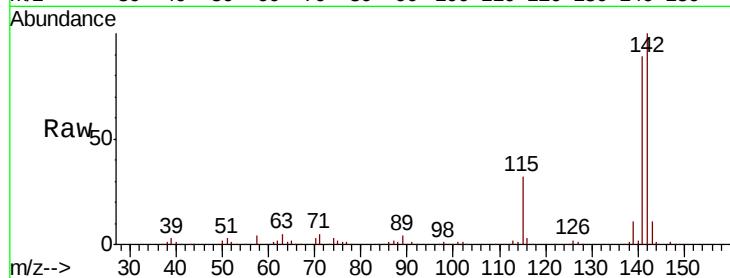
Tot Ion:142 Resp: 299840

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

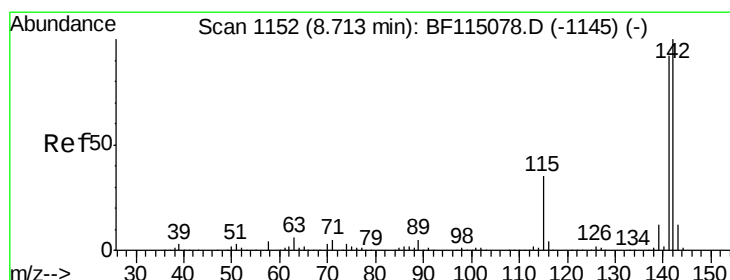
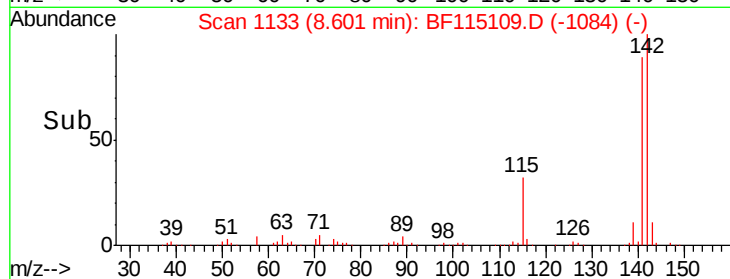
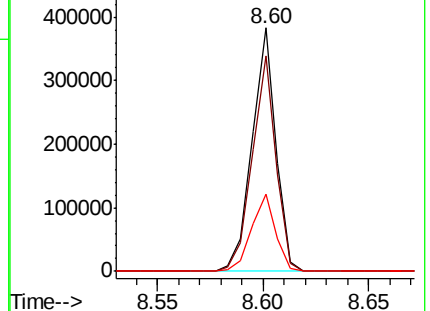
115 31.8 26.7 40.1



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: 9.075 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

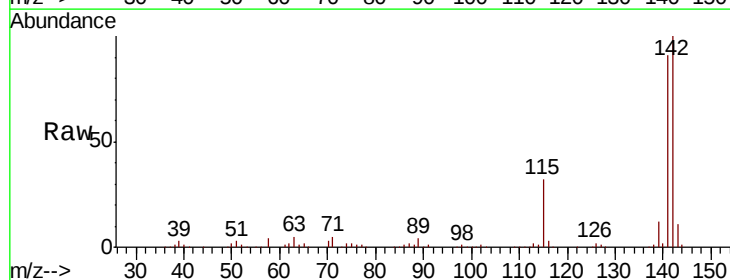
Tgt Ion:142 Resp: 284056

Ion Ratio Lower Upper

142 100

141 90.9 73.8 110.8

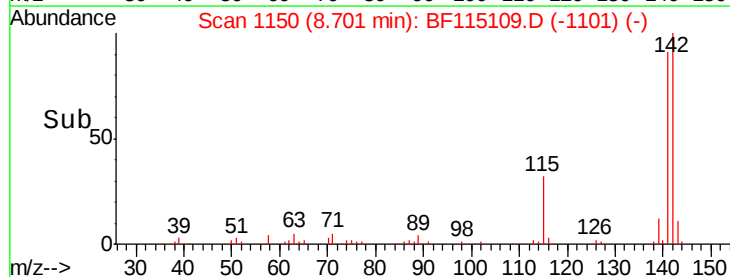
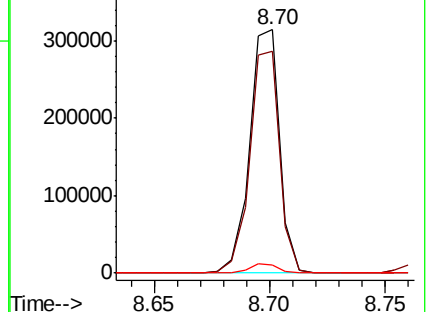
116 3.2 2.8 4.2

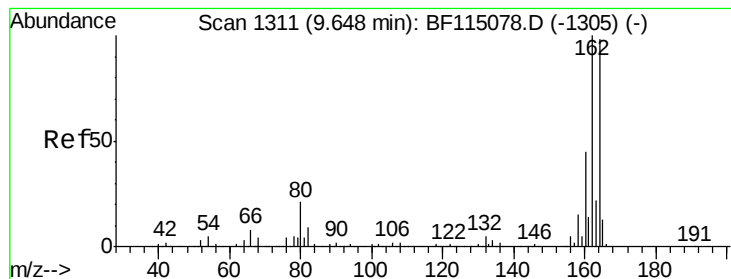


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

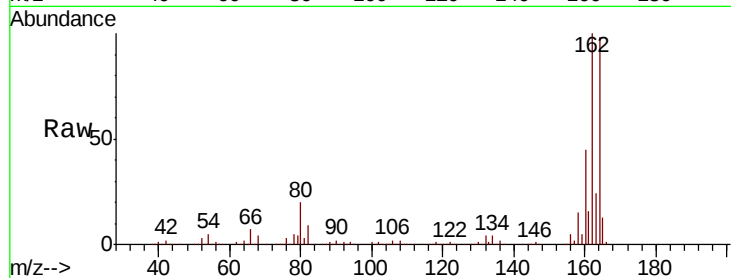
Tot Ion:164 Resp: 491936

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

160 46.1 37.0 55.4

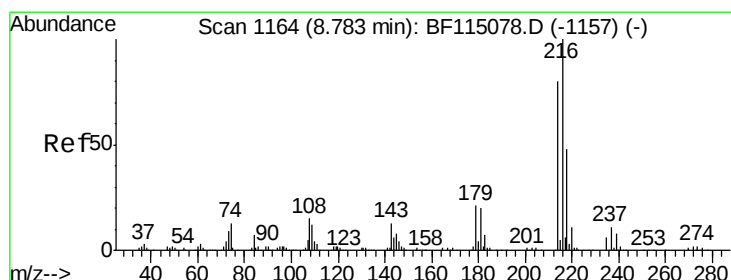
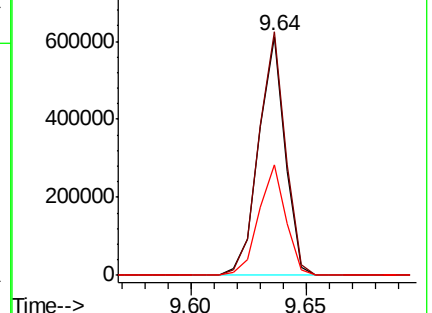
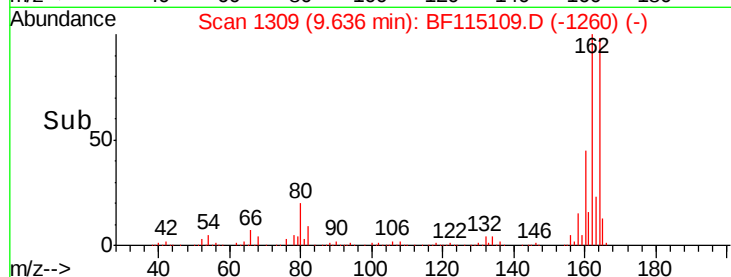


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.698 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Tgt Ion:216 Resp: 134809

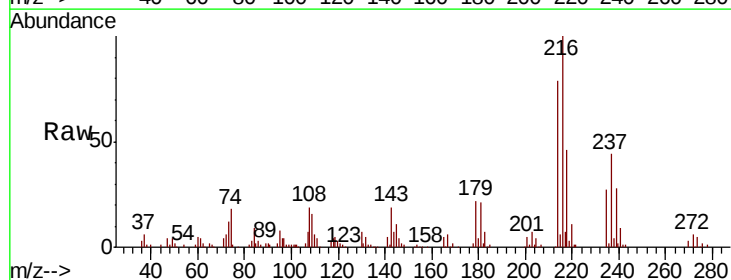
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.3 17.6 26.4

108 19.0 15.7 23.5



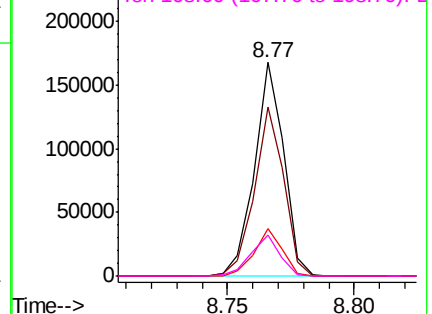
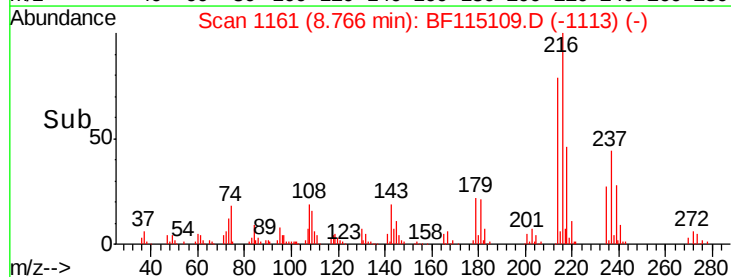
Abundance

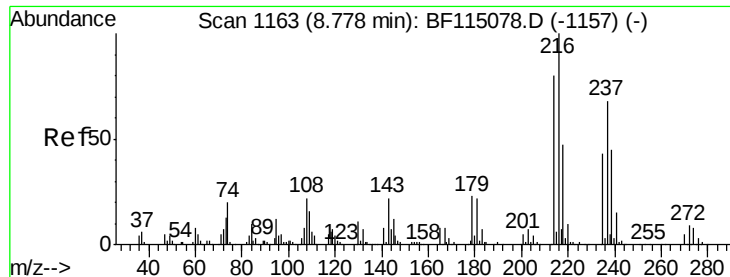
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

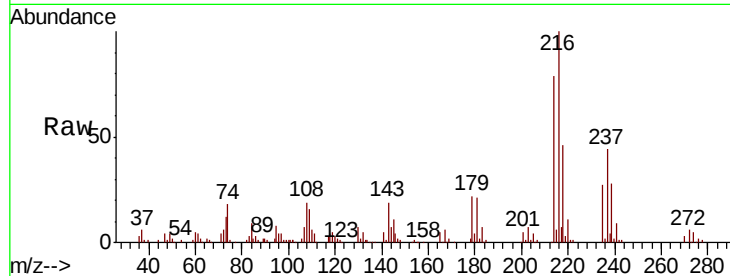




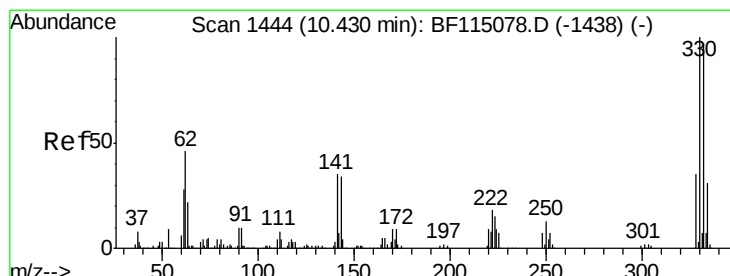
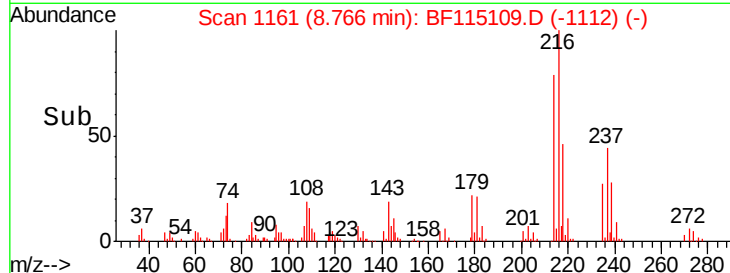
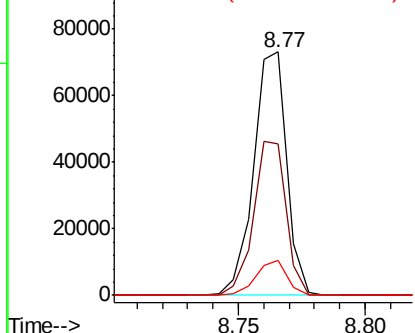
#41
Hexachlorocyclopentadiene
Concen: 8.068 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:237 Resp: 66501
Ion Ratio Lower Upper
237 100
235 62.3 43.9 83.9
272 14.3 0.0 33.8

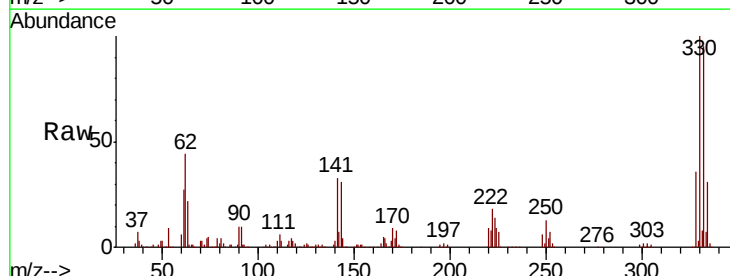


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

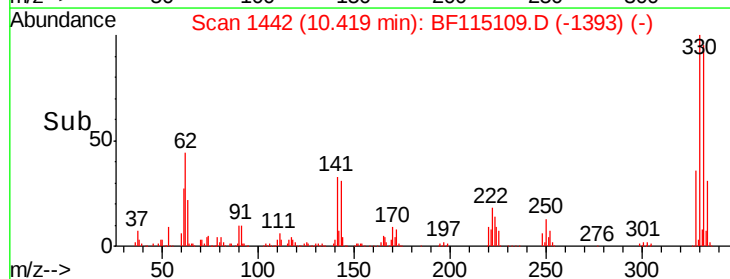
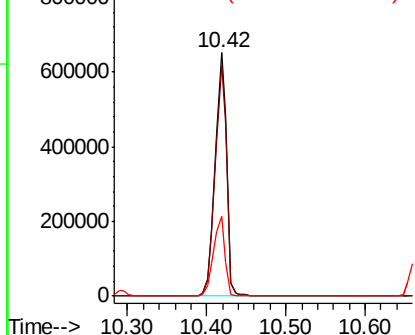


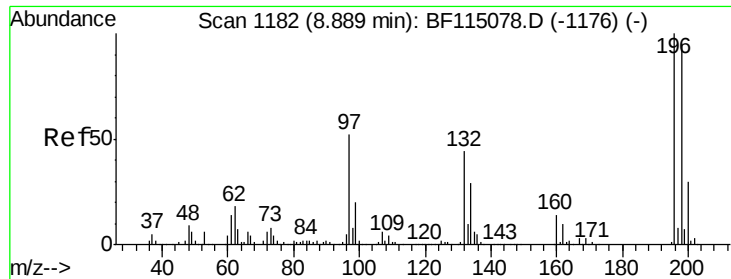
#42
2,4,6-Tribromophenol
Concen: 127.453 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:330 Resp: 661182
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 32.6 28.2 42.2



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

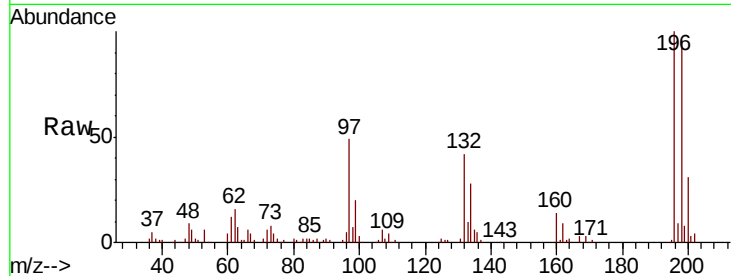




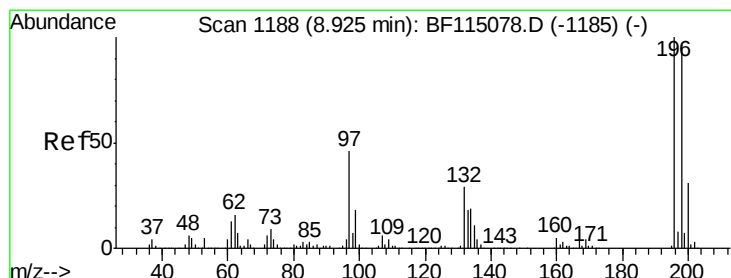
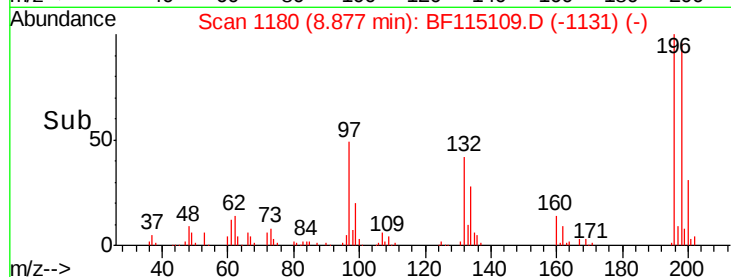
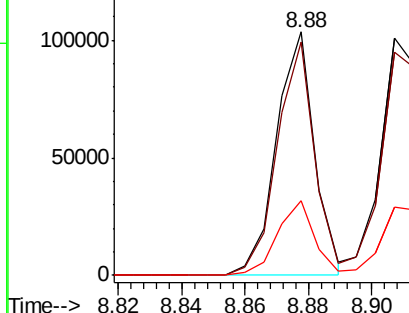
#43
 2,4,6-Trichlorophenol
 Concen: 8.078 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

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

Tot Ion:196 Resp: 86692
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 30.7 24.2 36.4



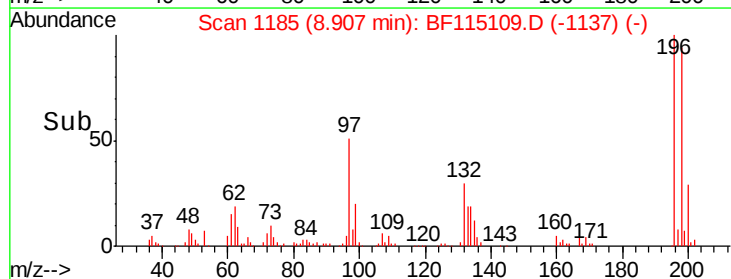
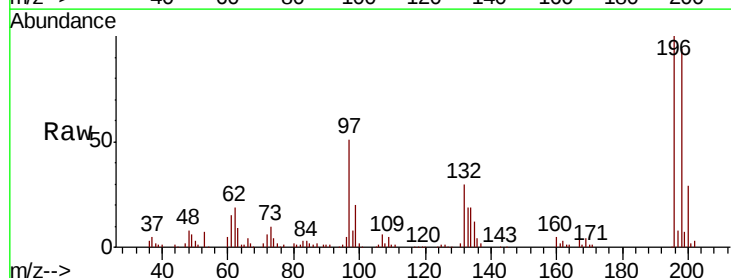
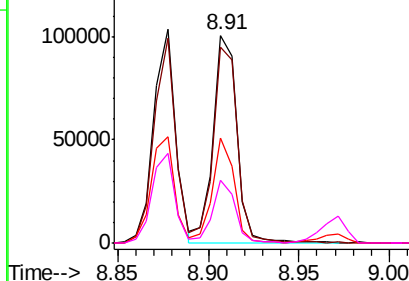
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

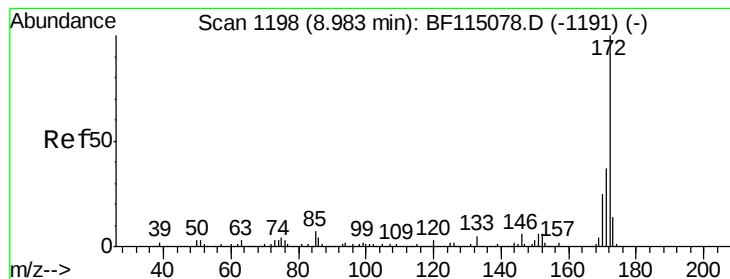


#44
 2,4,5-Trichlorophenol
 Concen: 8.339 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion:196 Resp: 92166
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.1 115.7
 97 50.7 37.7 56.5
 132 30.2 23.1 34.7

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: 87.839 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

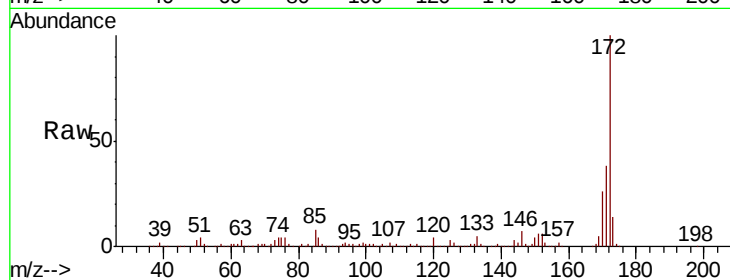
Tot Ion:172 Resp: 2543882

Ion Ratio Lower Upper

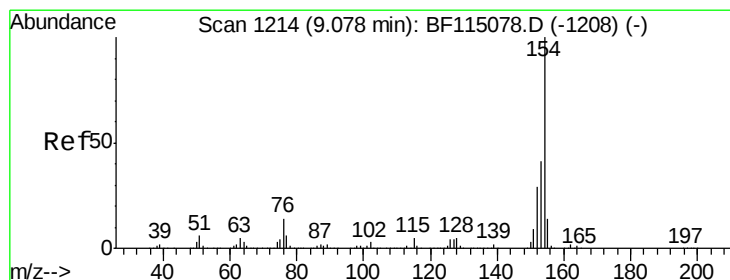
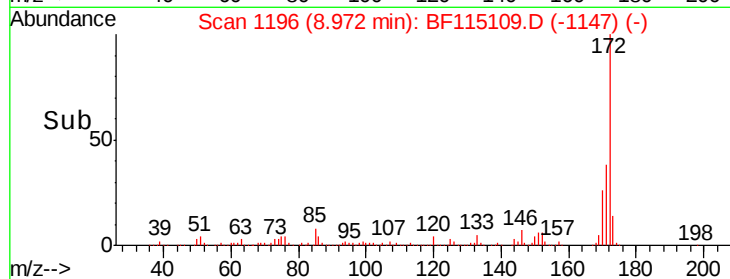
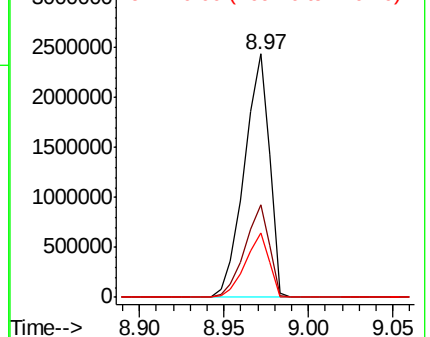
172 100

171 38.1 29.8 44.6

170 26.2 20.3 30.5



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: 9.719 ng

RT: 9.07 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

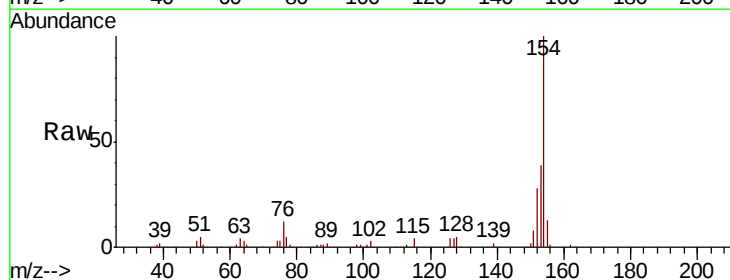
Tgt Ion:154 Resp: 382559

Ion Ratio Lower Upper

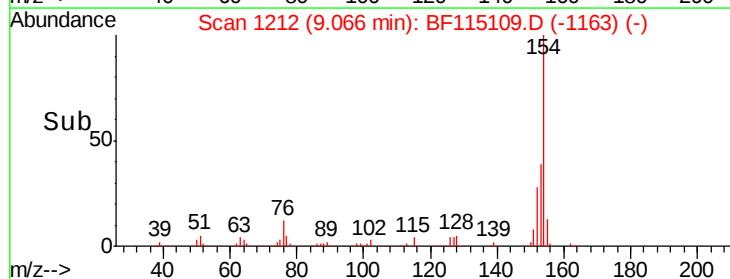
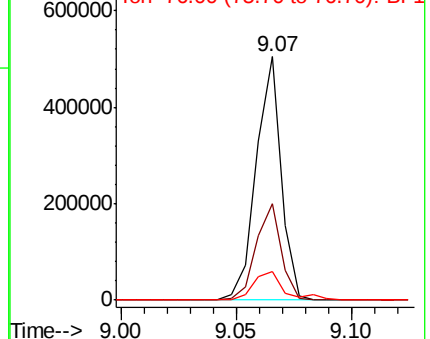
154 100

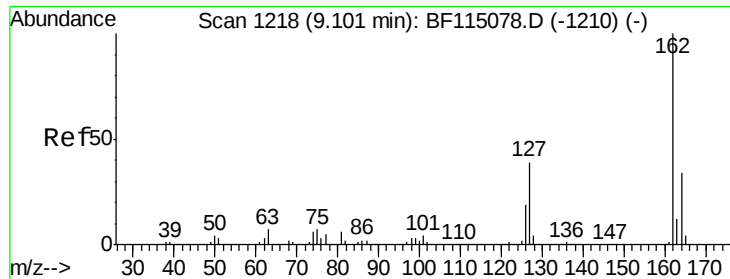
153 39.4 20.9 60.9

76 11.7 0.0 34.1



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

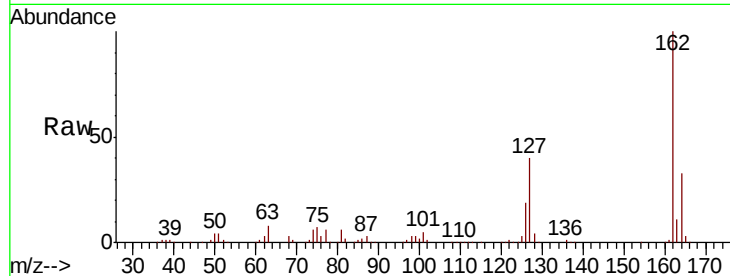




#47
2-Chloronaphthalene
Concen: 8.712 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.8	46.2
164	32.7	27.0	40.4

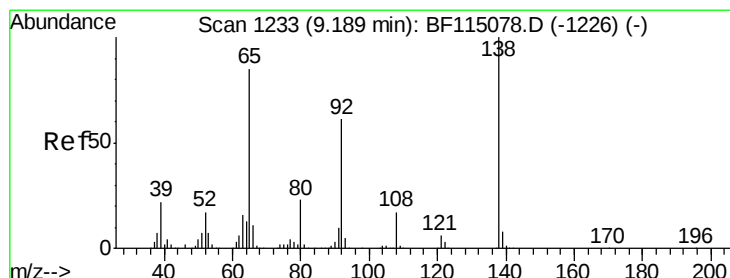
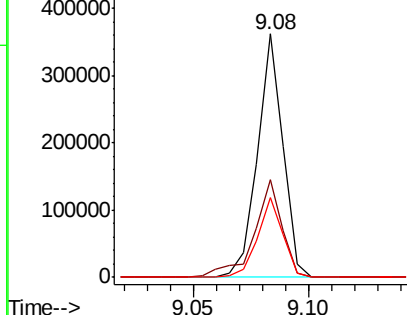
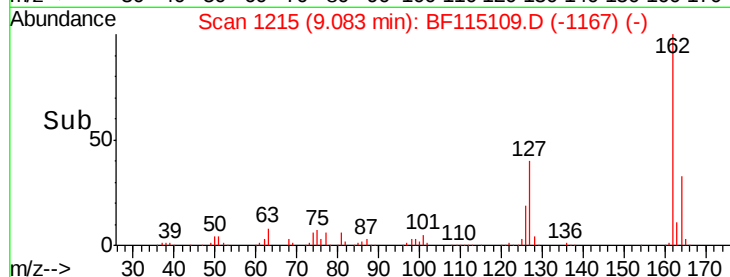


Abundance

Ion 162.00 (161.70 to 162.70): E

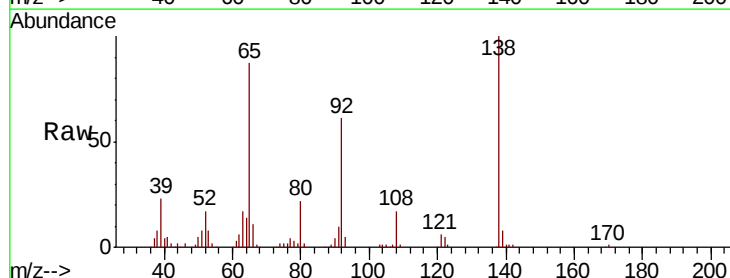
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 7.604 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.4	86.2
138	115.5	94.1	141.1

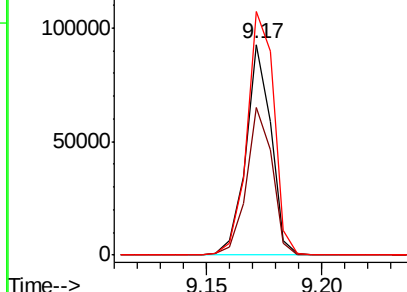
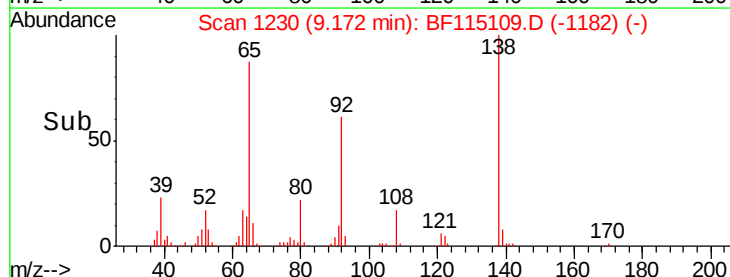


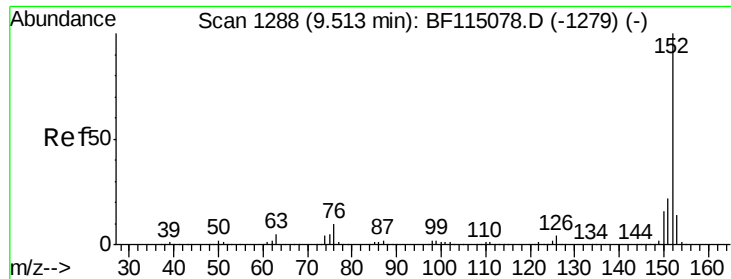
Abundance

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: 9.045 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

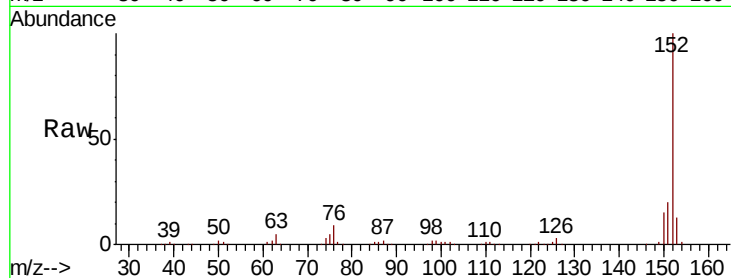
Tot Ion:152 Resp: 449929

Ion Ratio Lower Upper

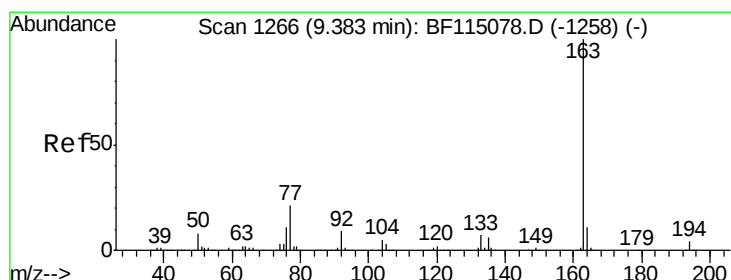
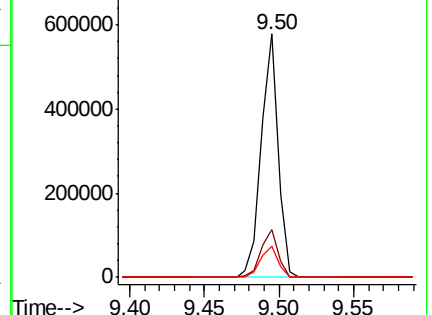
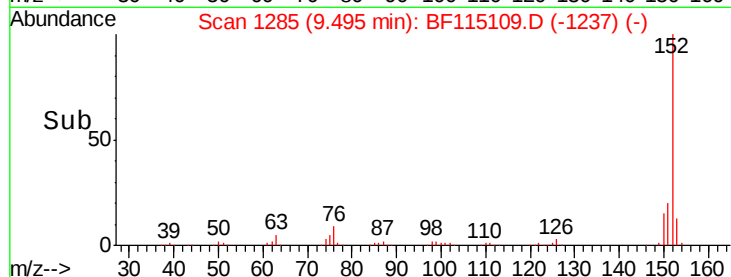
152 100

151 19.7 17.2 25.8

153 13.0 11.0 16.6



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: 8.783 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

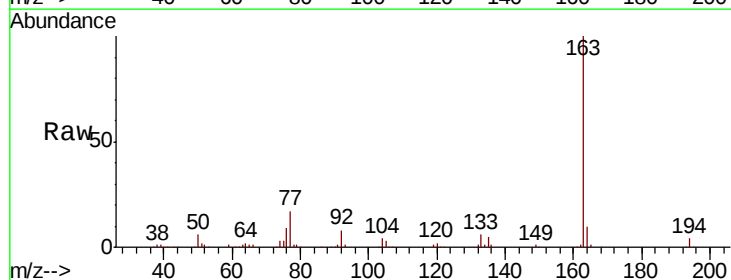
Tgt Ion:163 Resp: 317875

Ion Ratio Lower Upper

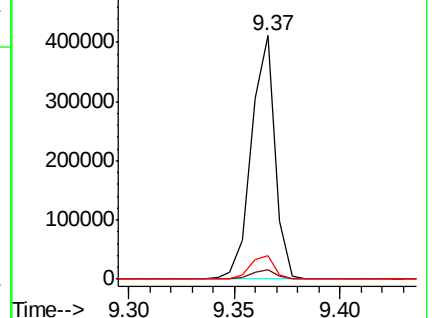
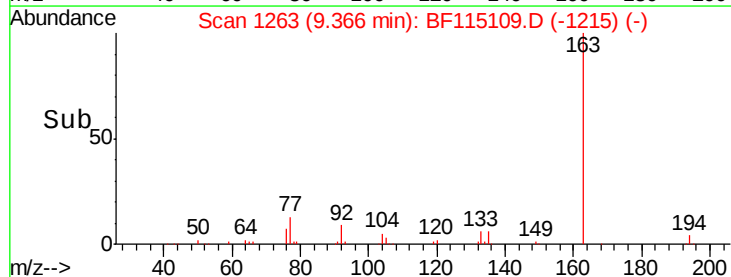
163 100

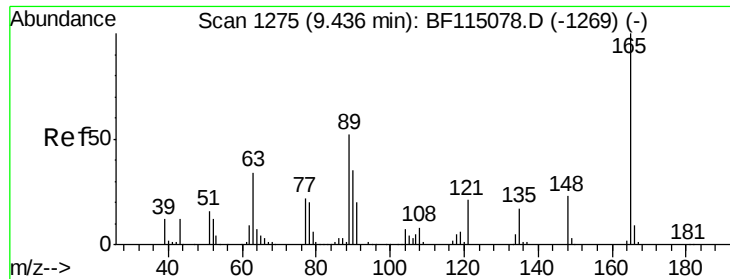
194 3.9 3.2 4.8

164 9.7 8.6 13.0



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

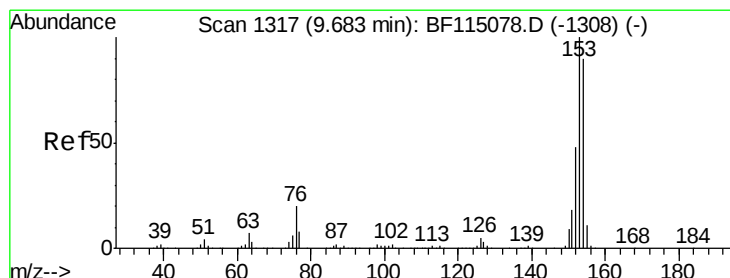
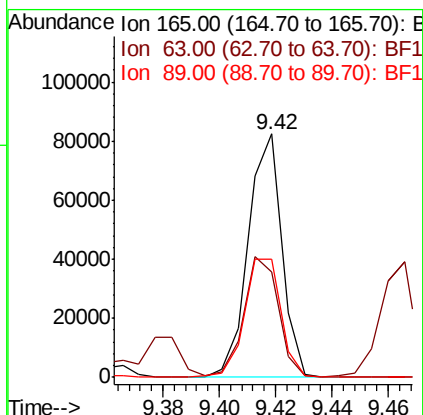
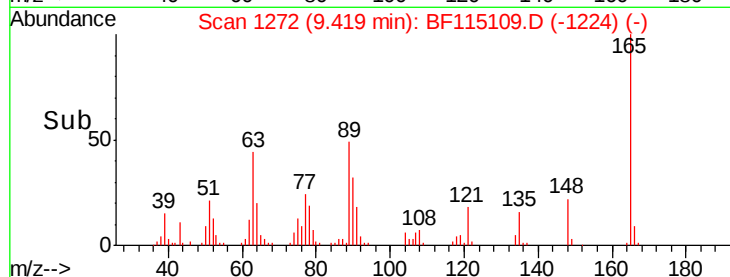
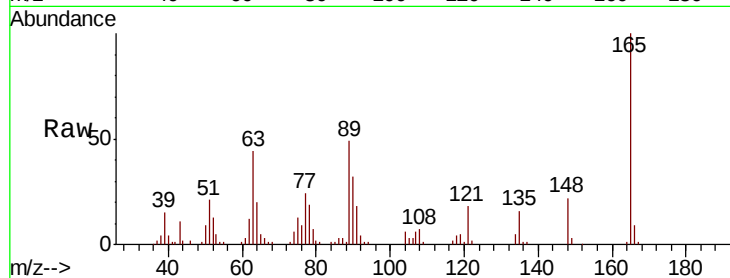




#51
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.42 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

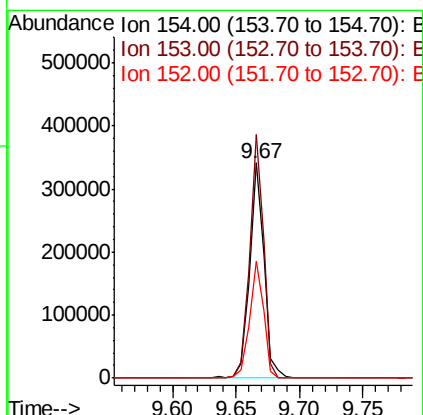
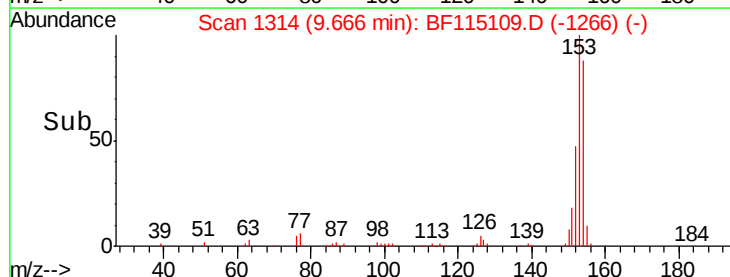
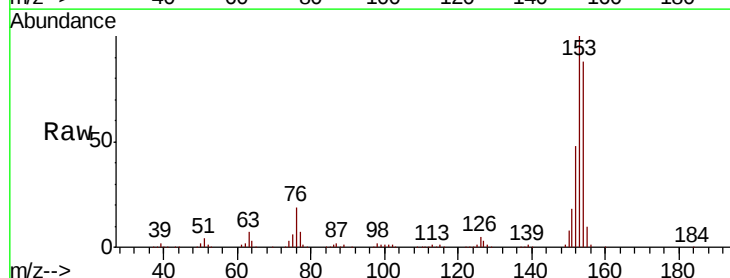
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

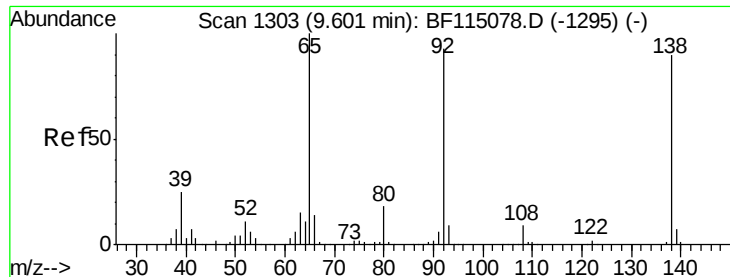
Tot Ion:165 Resp: 68263
Ion Ratio Lower Upper
165 100
63 43.5 39.4 59.2
89 48.6 42.0 63.0



#52
Acenaphthene
Concen: 8.635 ng
RT: 9.67 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:154 Resp: 268794
Ion Ratio Lower Upper
154 100
153 113.2 88.7 133.1
152 54.3 42.6 64.0

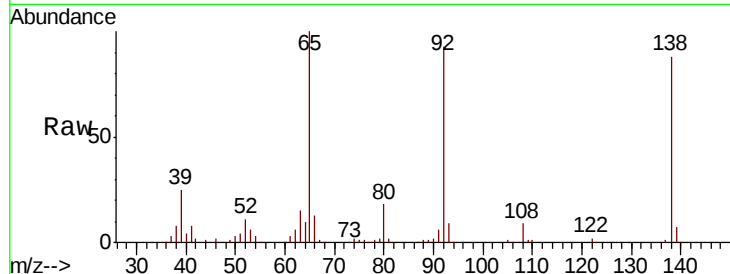




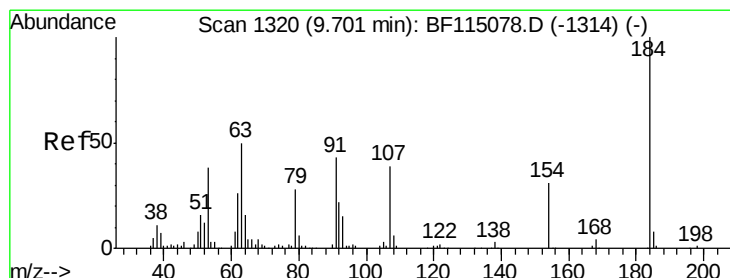
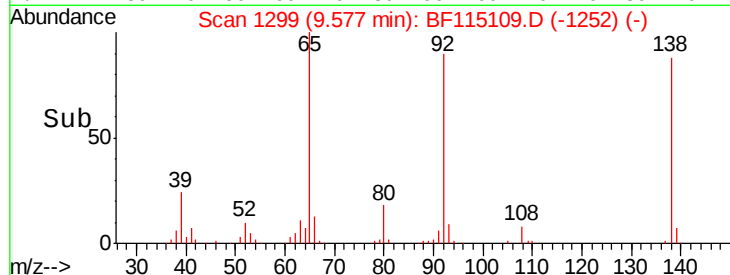
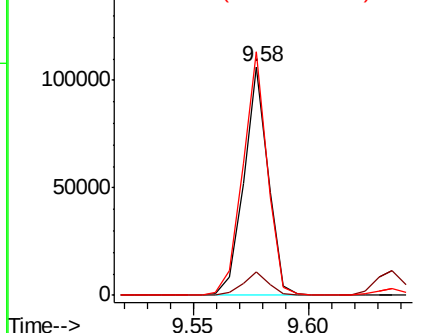
#53
3-Nitroaniline
Concen: 7.683 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:138 Resp: 78339
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 106.6 82.9 124.3

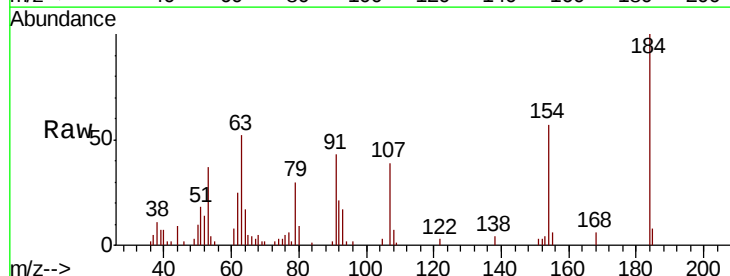


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

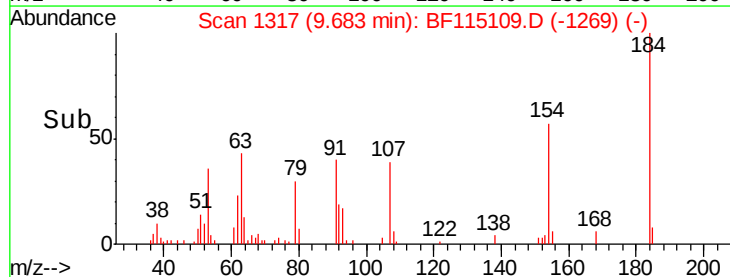
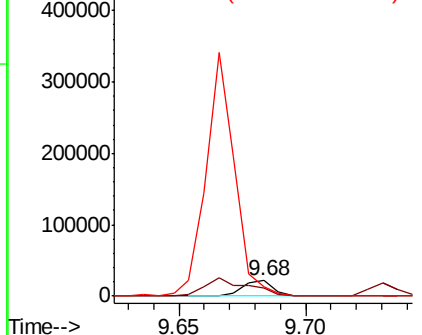


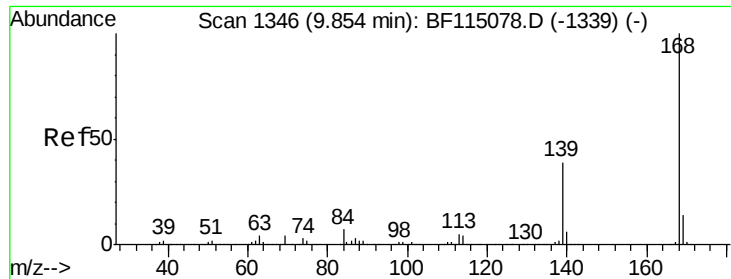
#54
2,4-Dinitrophenol
Concen: 11.258 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:184 Resp: 18533
Ion Ratio Lower Upper
184 100
63 51.5 41.9 62.9
154 57.0 44.7 67.1



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

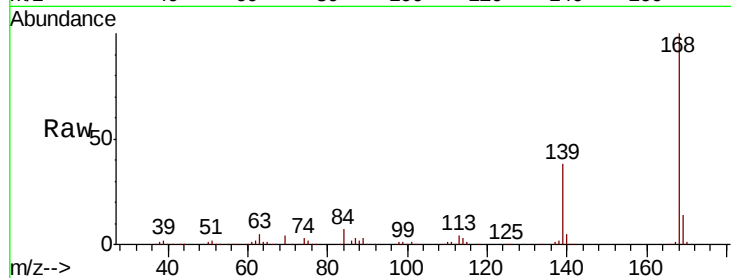




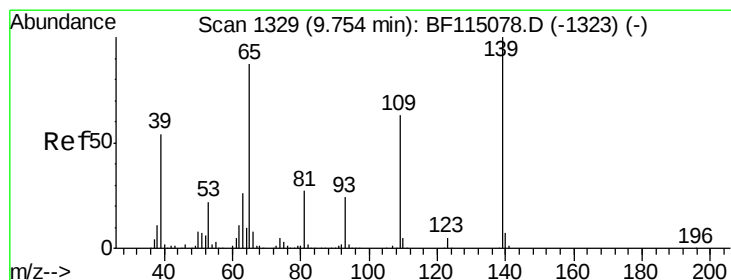
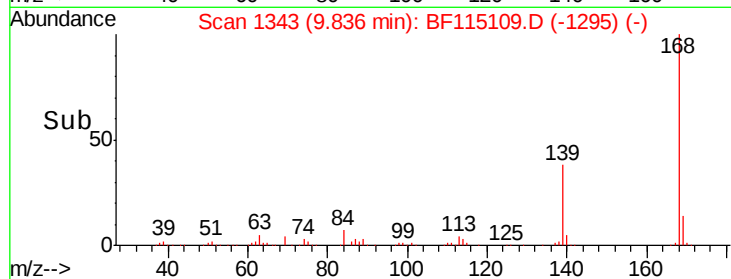
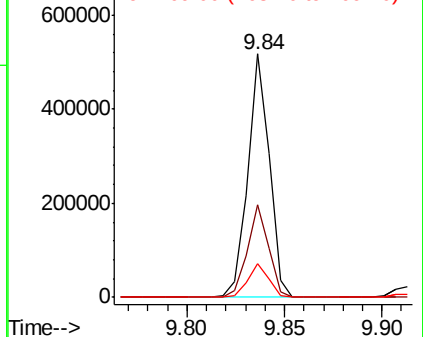
#55
Dibenzofuran
Concen: 8.817 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:168 Resp: 393928
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7
169 13.6 11.3 16.9

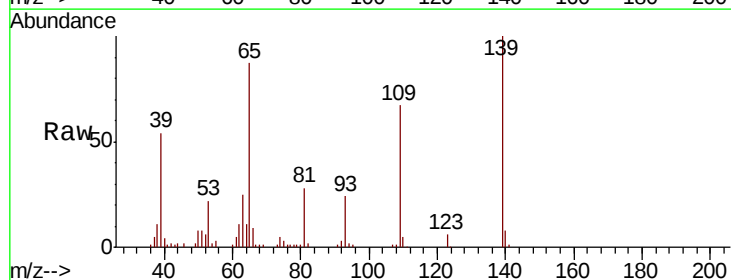


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

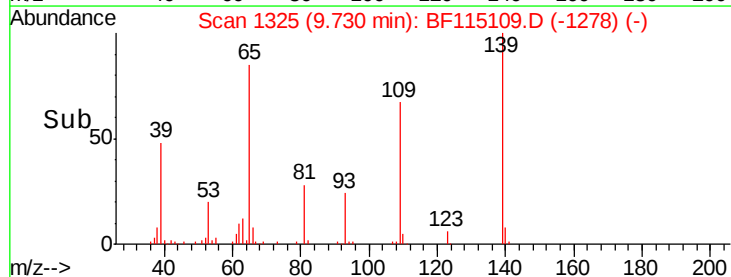
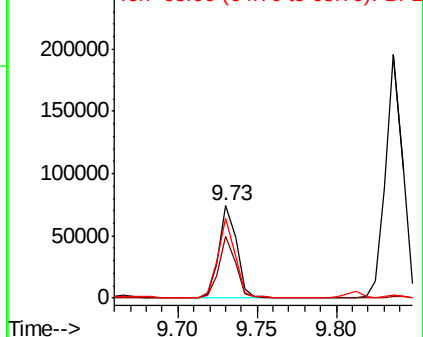


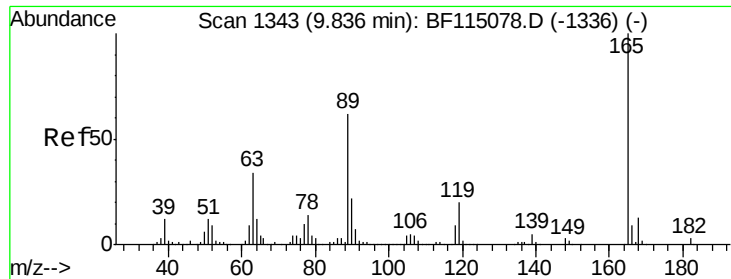
#56
4-Nitrophenol
Concen: 7.187 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:139 Resp: 58751
Ion Ratio Lower Upper
139 100
109 67.0 43.0 83.0
65 86.5 67.0 107.0



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

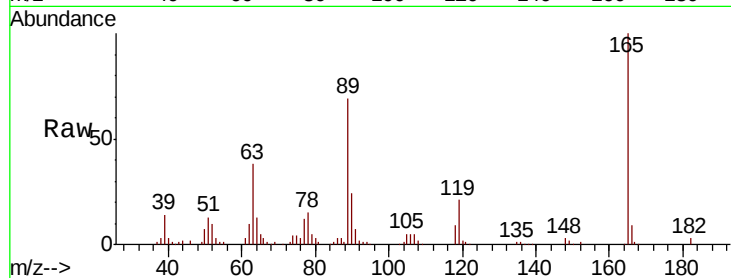




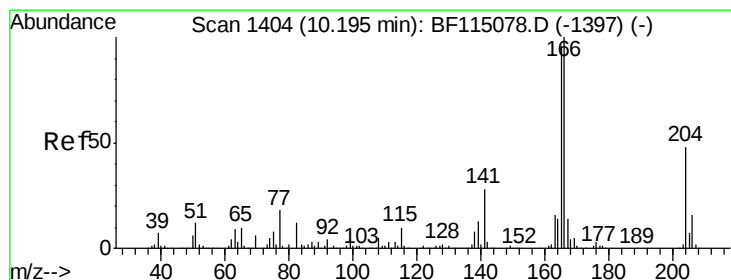
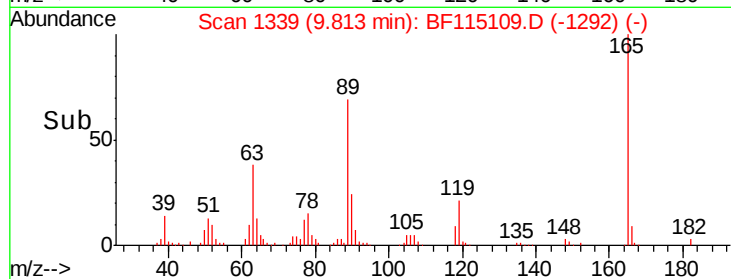
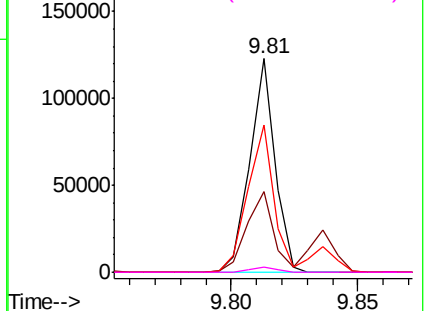
#57
2,4-Dinitrotoluene
Concen: 7.913 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:165	Resp:	85375
Ion Ratio	Lower	Upper
165	100	
63	38.0	27.5 41.3
89	68.7	49.9 74.9
182	2.7	2.1 3.1

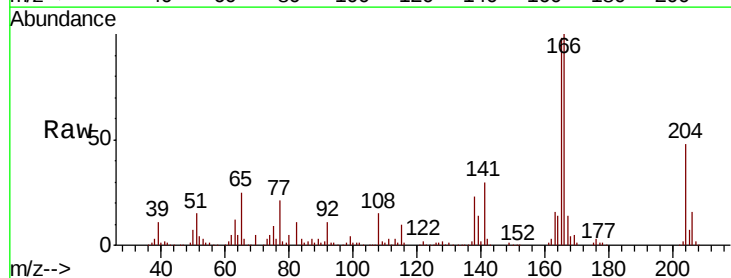


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

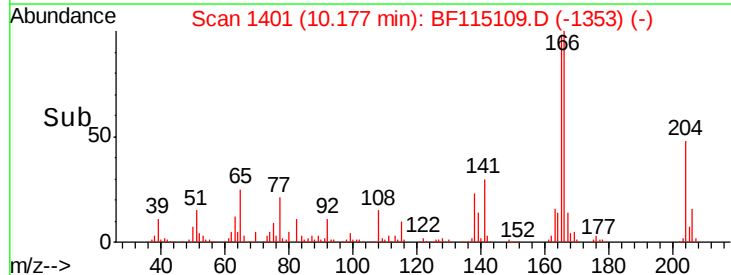
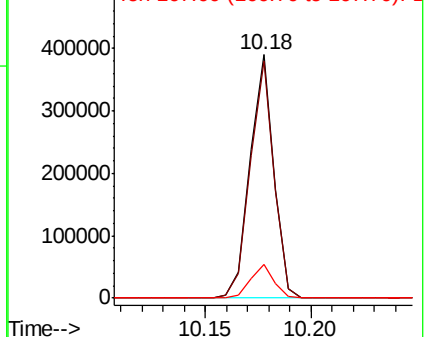


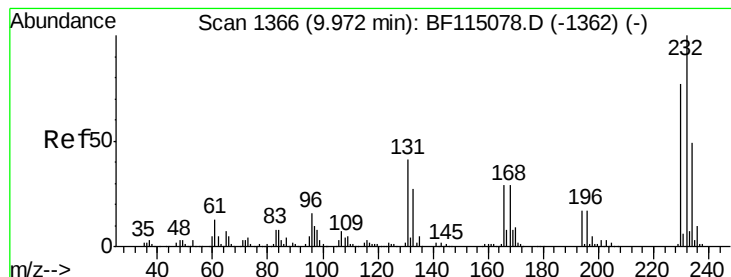
#58
Fluorene
Concen: 4.299 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:166	Resp:	305101
Ion Ratio	Lower	Upper
166	100	
165	97.5	76.5 114.7
167	13.6	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: 8.438 ng

RT: 9.95 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:232 Resp: 78200

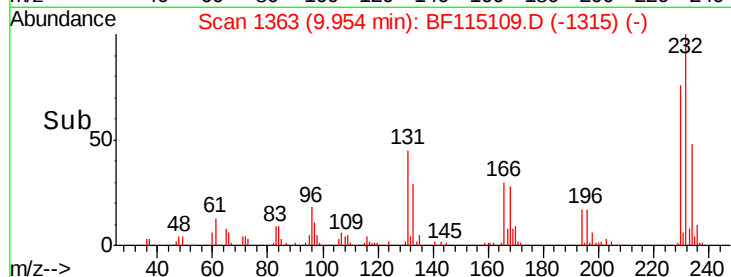
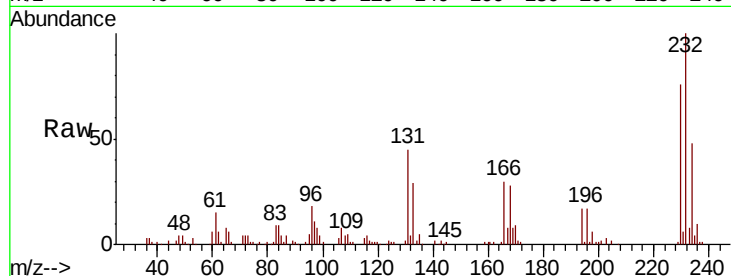
Ion Ratio Lower Upper

232 100

131 46.8 37.4 56.0

130 2.3 1.8 2.6

166 31.0 24.6 36.8

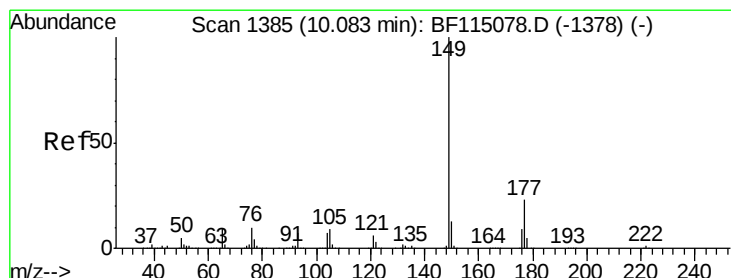
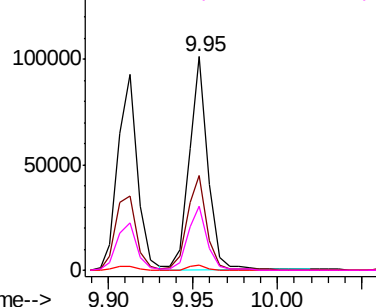


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 8.536 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

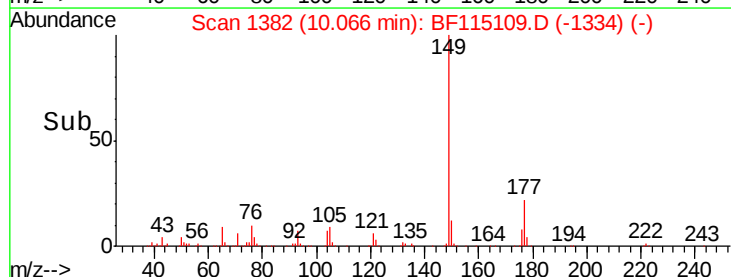
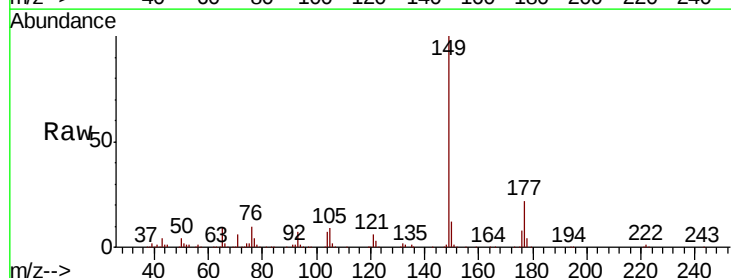
Tgt Ion:149 Resp: 310560

Ion Ratio Lower Upper

149 100

177 21.9 18.7 28.1

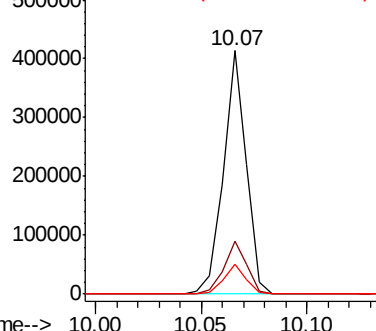
150 12.4 10.4 15.6

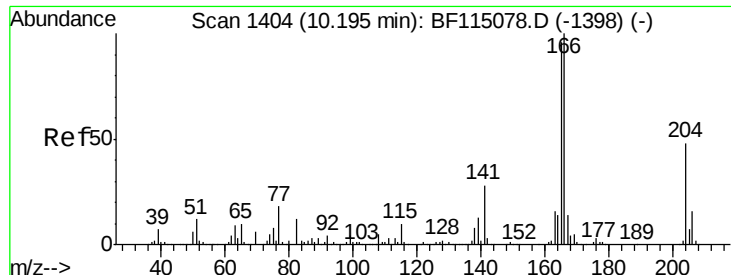


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 4.062 ng

RT: 10.18 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

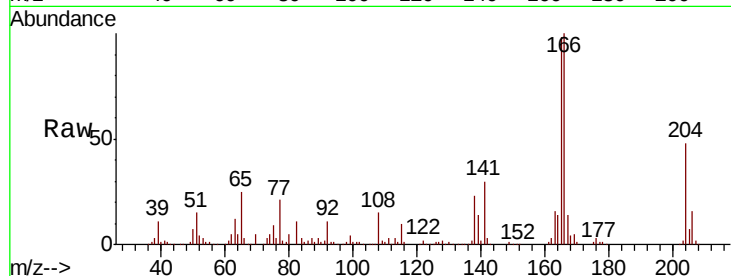
Tot Ion:204 Resp: 144911

Ion Ratio Lower Upper

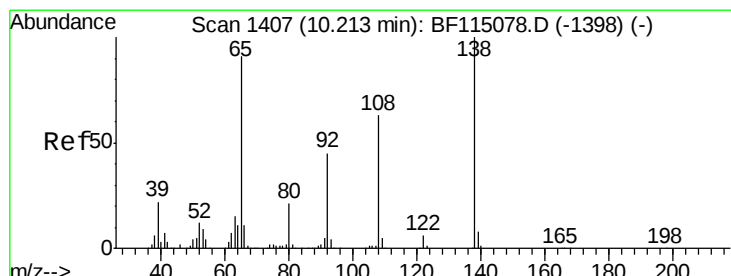
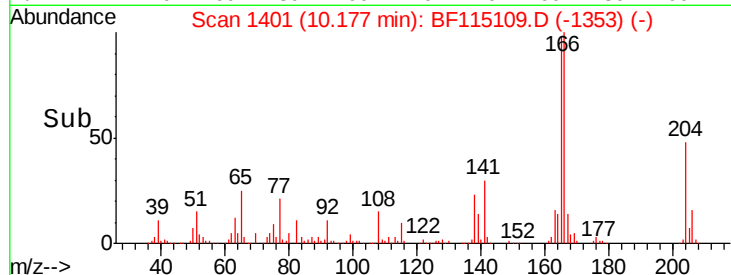
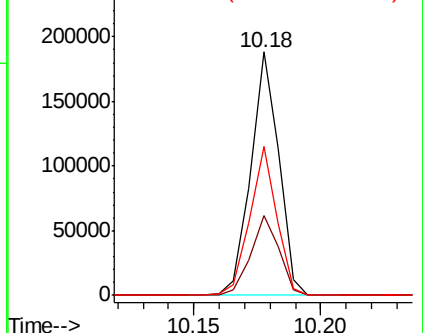
204 100

206 32.7 26.6 40.0

141 61.2 46.7 70.1



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: 7.556 ng

RT: 10.18 min Scan# 1401

Delta R.T. -0.04 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

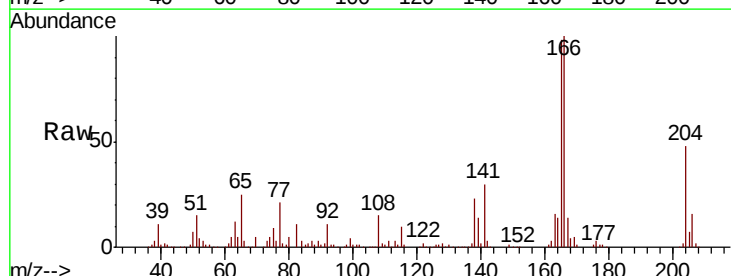
Tgt Ion:138 Resp: 77295

Ion Ratio Lower Upper

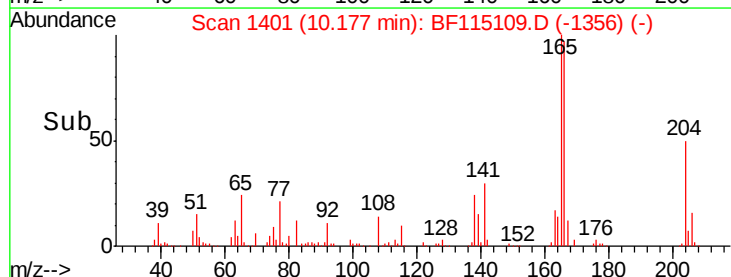
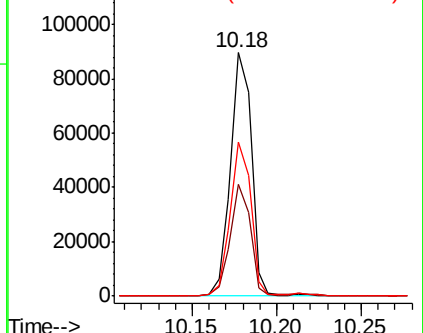
138 100

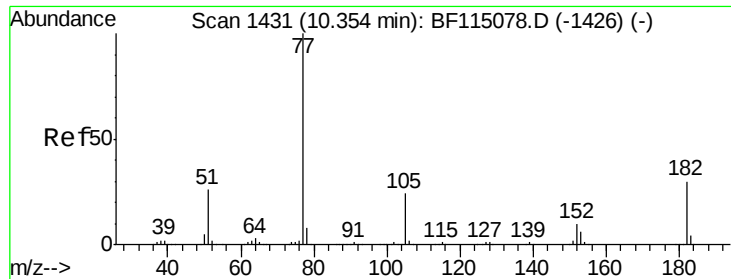
92 46.1 24.8 64.8

108 63.3 43.3 83.3



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

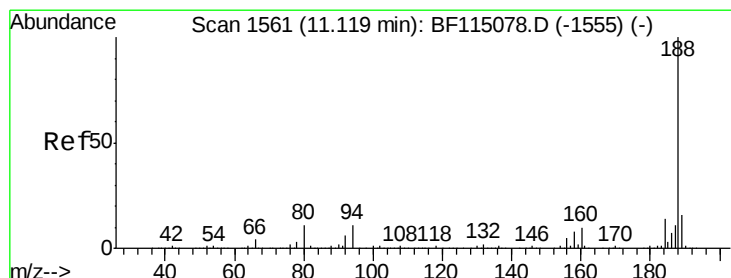
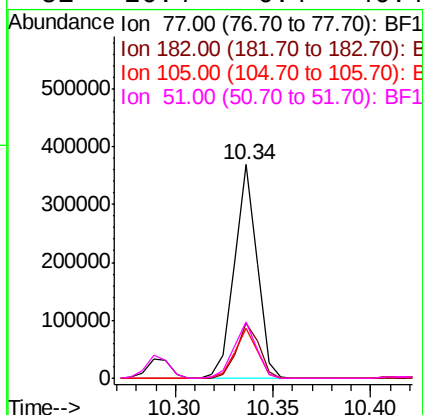
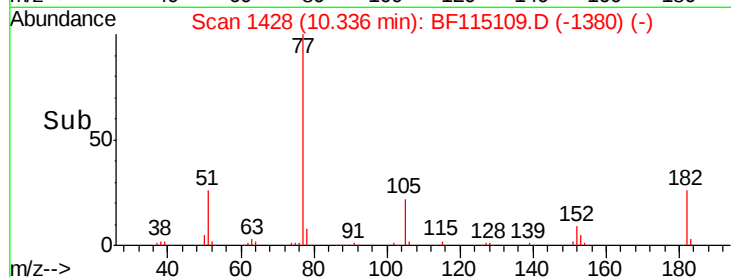
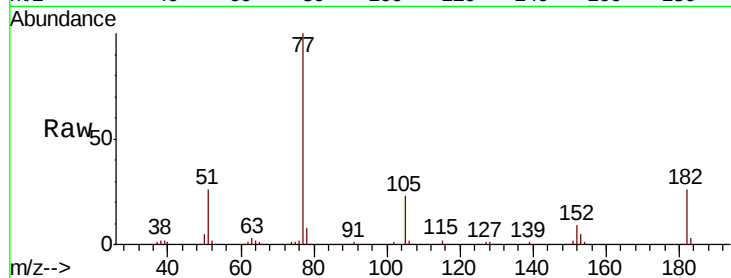




#63
Azobenzene
Concen: 8.726 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

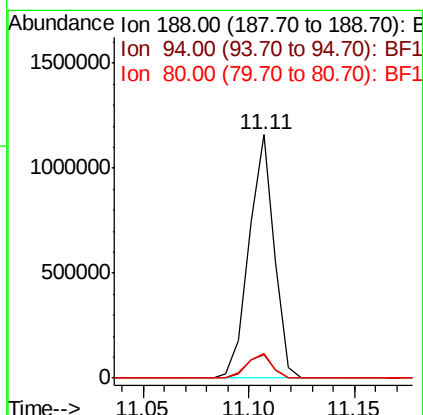
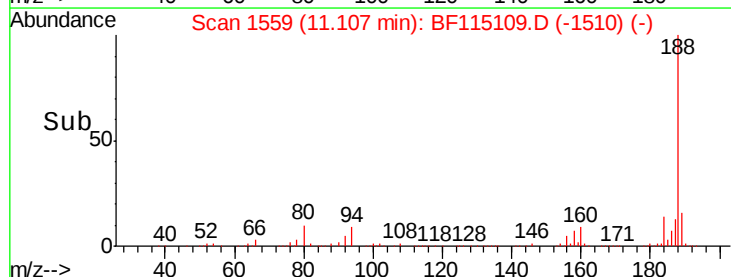
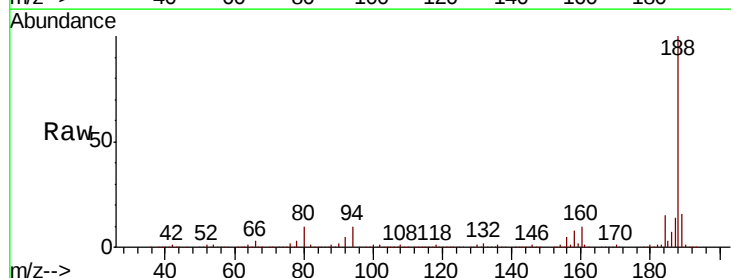
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

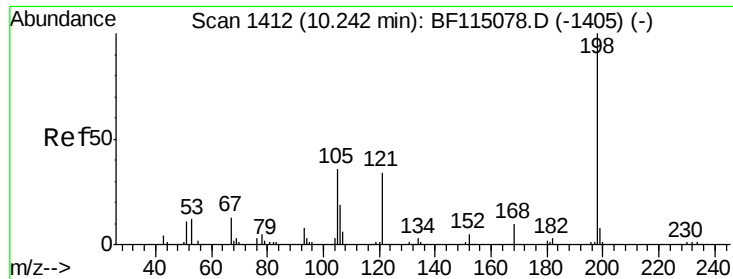
Tot Ion:	77	Resp:	296533
Ion	Ratio	Lower	Upper
77	100		
182	26.0	10.1	50.1
105	23.1	4.5	44.5
51	26.4	6.4	46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:	188	Resp:	958312
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.2	8.8	13.2

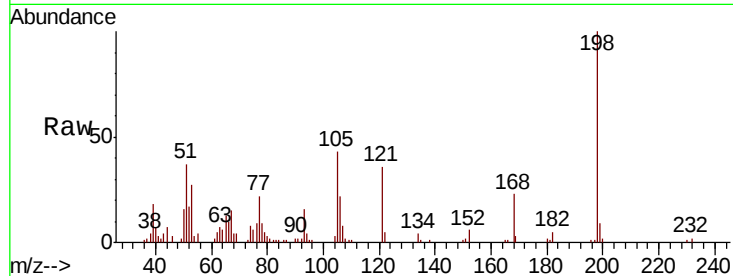




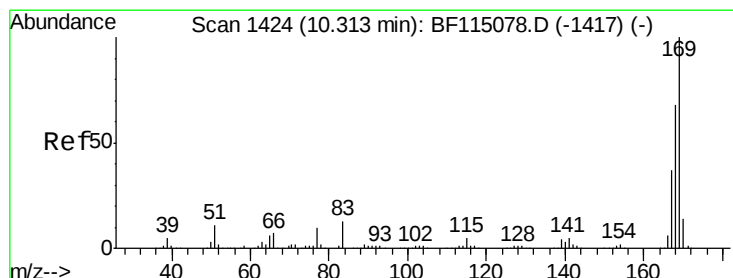
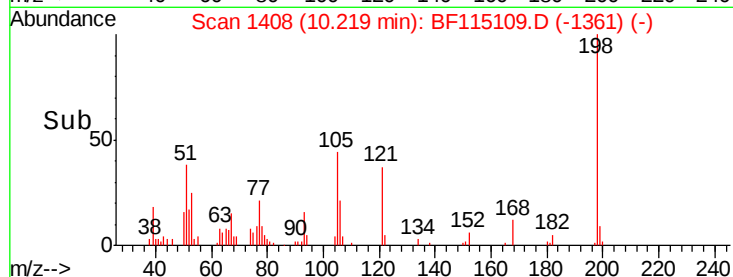
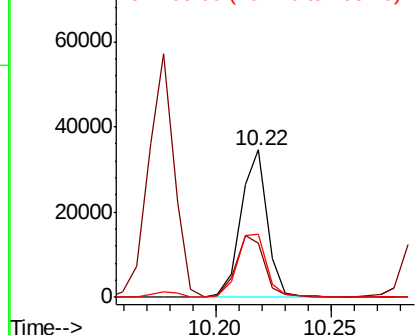
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.806 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

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

Tot Ion:198 Resp: 27560
 Ion Ratio Lower Upper
 198 100
 51 36.9 11.0 51.0
 105 43.2 17.3 57.3

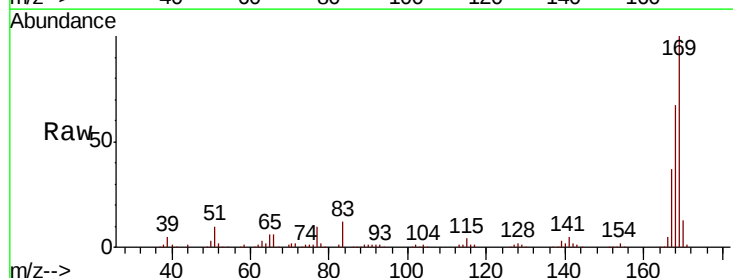


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

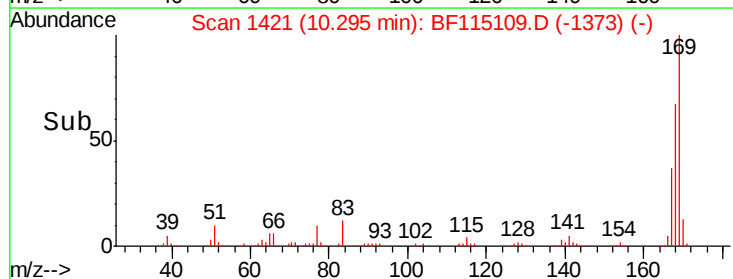
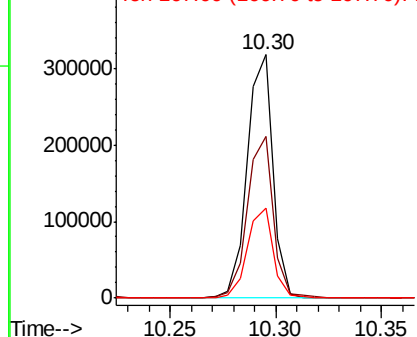


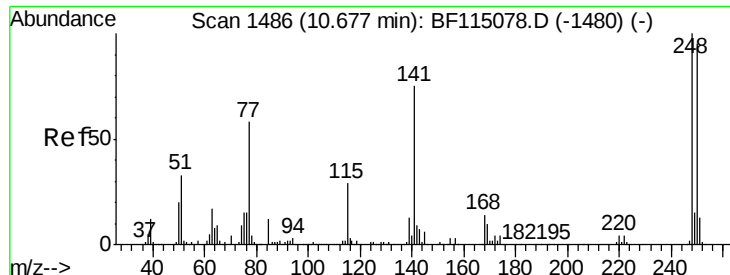
#66
 n-Nitrosodiphenylamine
 Concen: 8.954 ng
 RT: 10.30 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion:169 Resp: 267325
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.2 81.4
 167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

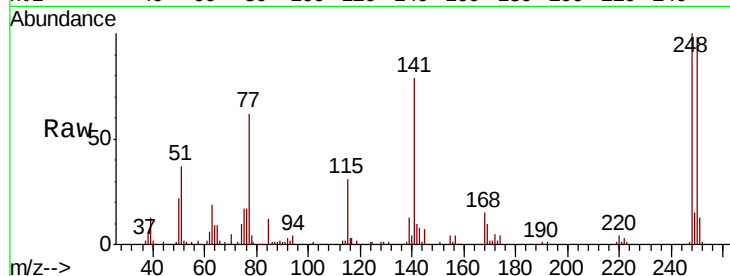




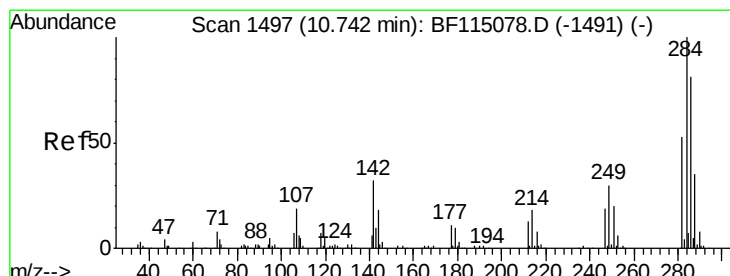
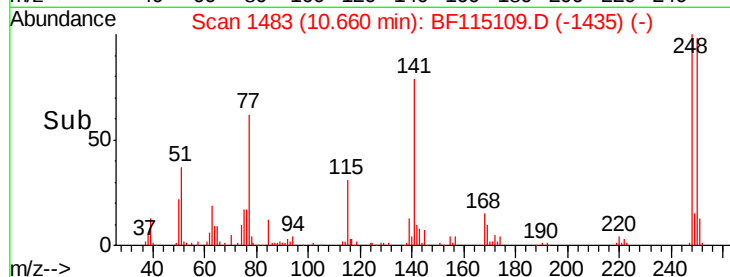
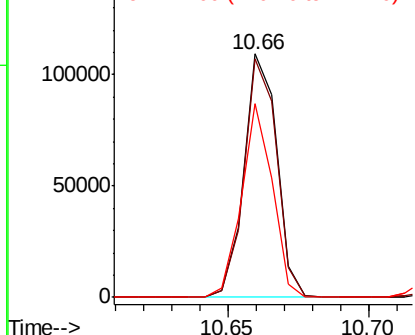
#67
4-Bromophenyl-phenylether
Concen: 8.472 ng
RT: 10.66 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:248 Resp: 88024
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 79.5 59.6 89.4

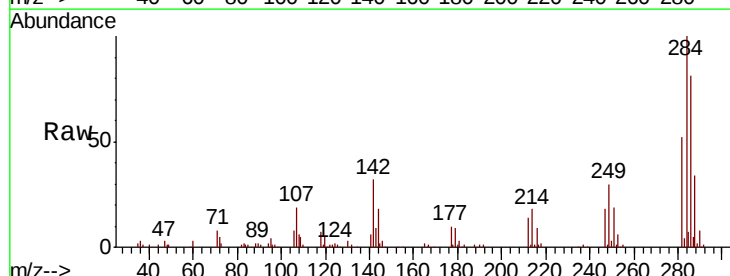


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

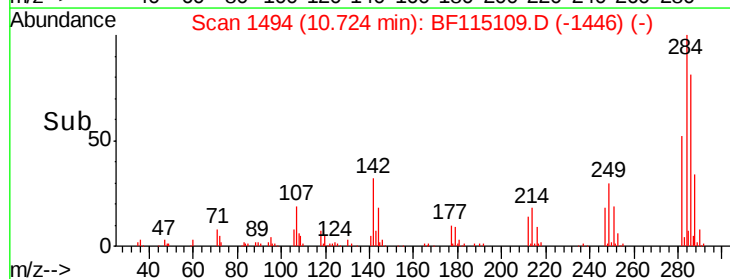
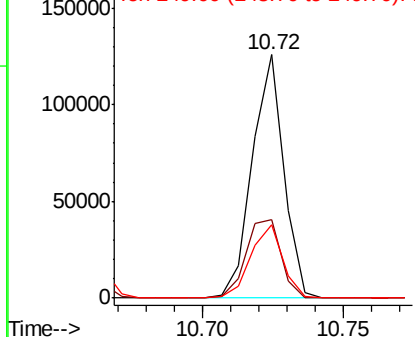


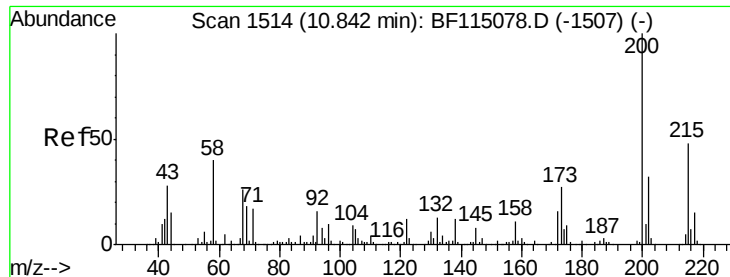
#68
Hexachlorobenzene
Concen: 8.636 ng
RT: 10.72 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:284 Resp: 97392
Ion Ratio Lower Upper
284 100
142 32.2 25.8 38.8
249 30.2 24.2 36.4



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

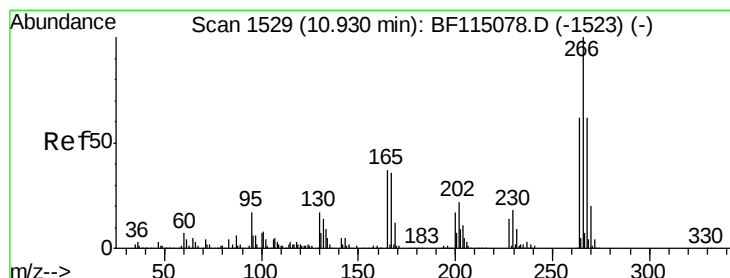
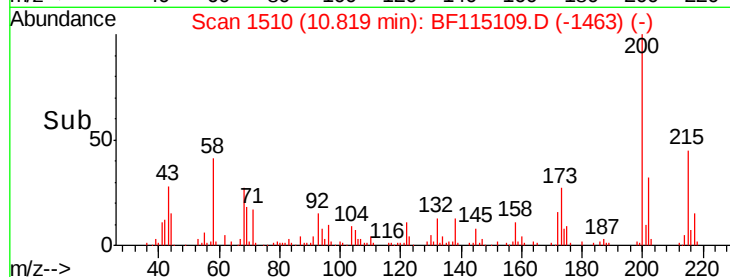
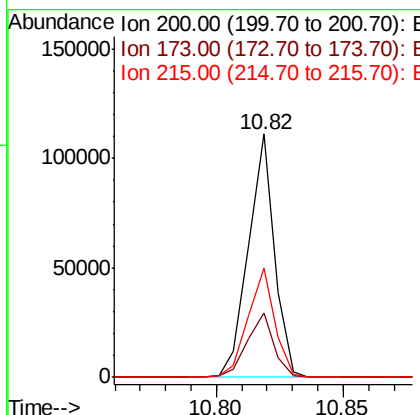
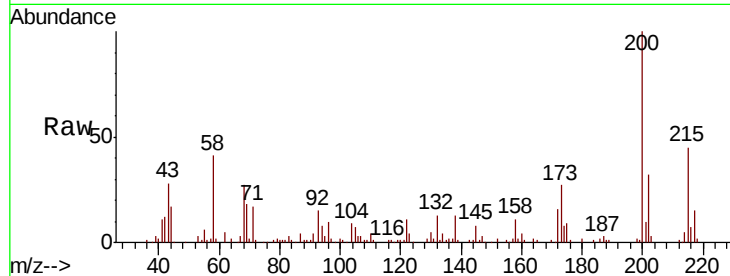




#69
 Atrazine
 Concen: 8.301 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

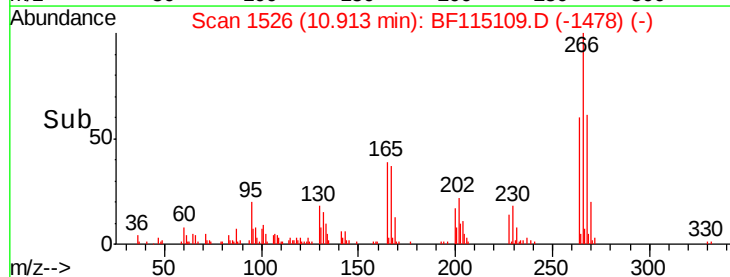
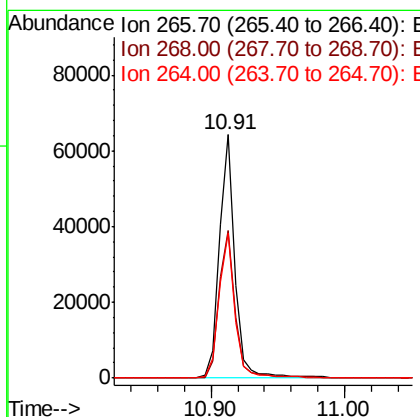
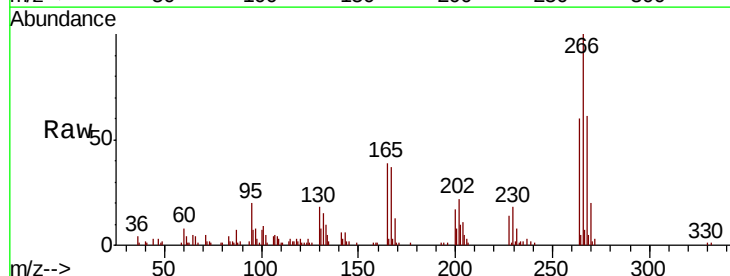
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

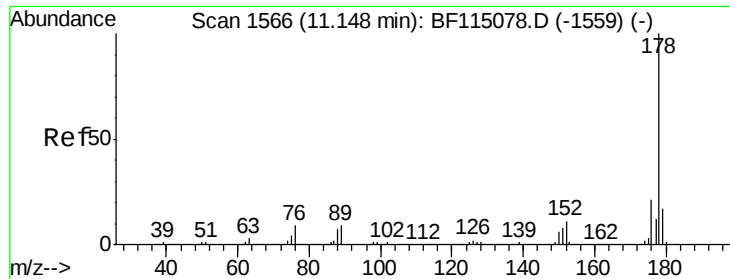
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.4	47.4
215	44.7	27.8	67.8



#70
 Pentachlorophenol
 Concen: 7.374 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF115109.D
 Acq: 22 Jun 2019 9:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	49.5	74.3
264	59.8	49.3	73.9

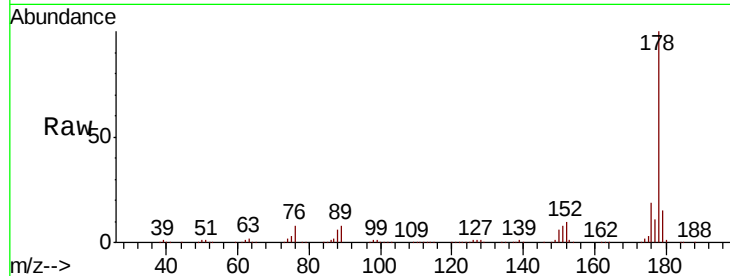




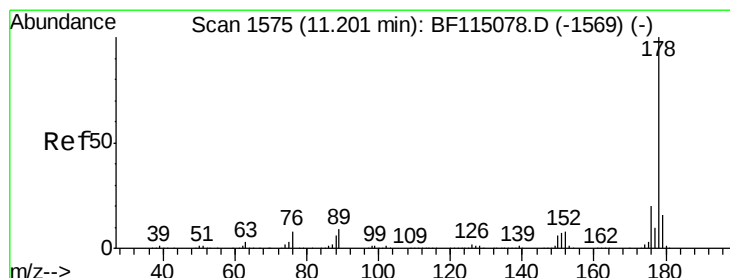
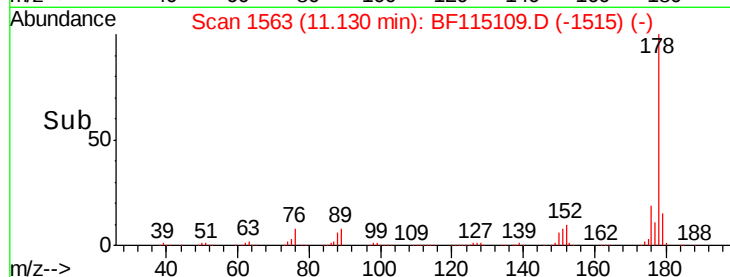
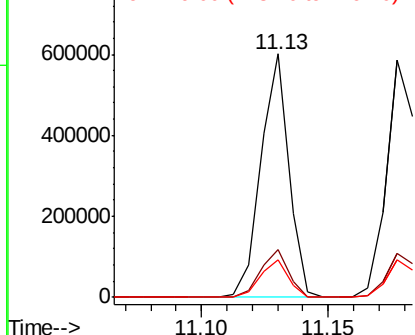
#71
Phenanthrene
Concen: 9.002 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

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

Tot Ion:178 Resp: 464450
Ion Ratio Lower Upper
178 100
176 19.4 16.9 25.3
179 15.3 13.2 19.8

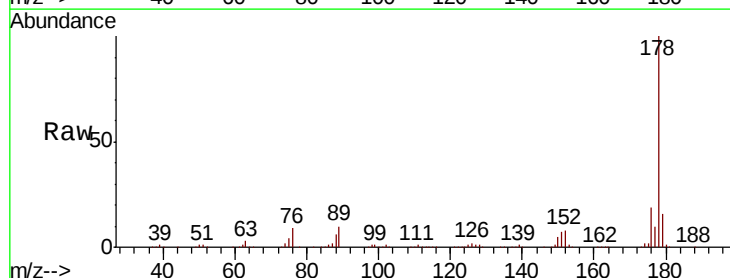


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

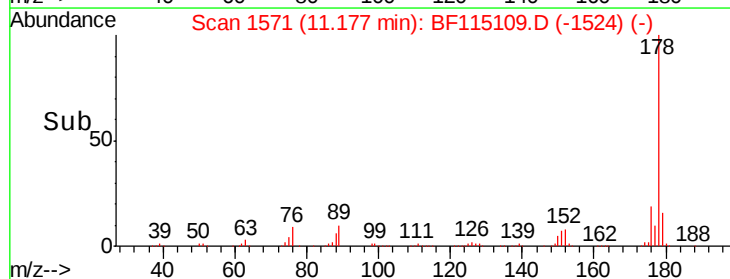
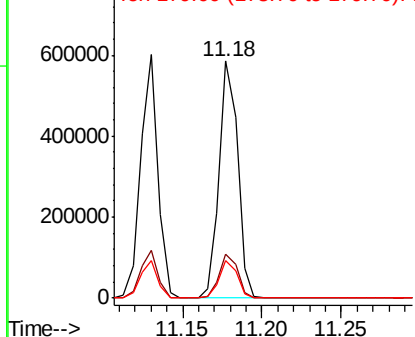


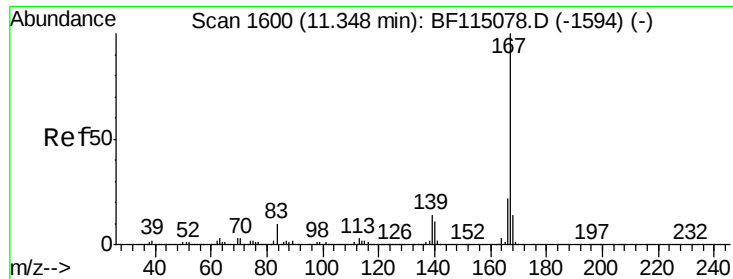
#72
Anthracene
Concen: 9.151 ng
RT: 11.18 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:178 Resp: 476601
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.8 12.9 19.3



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





#73

Carbazole

Concen: 9.032 ng

RT: 11.33 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

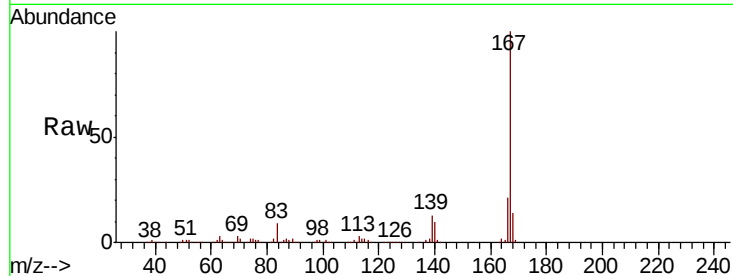
Tot Ion:167 Resp: 420062

Ion Ratio Lower Upper

167 100

166 21.4 18.0 27.0

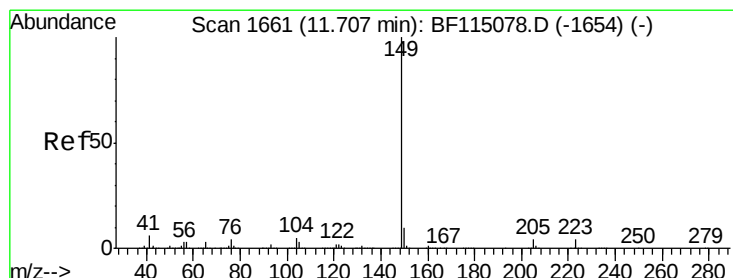
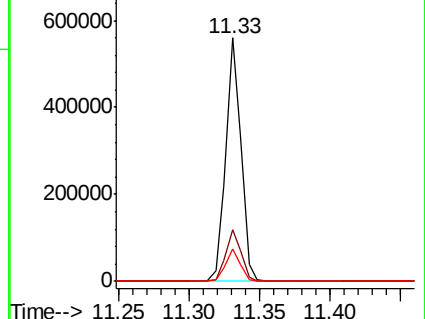
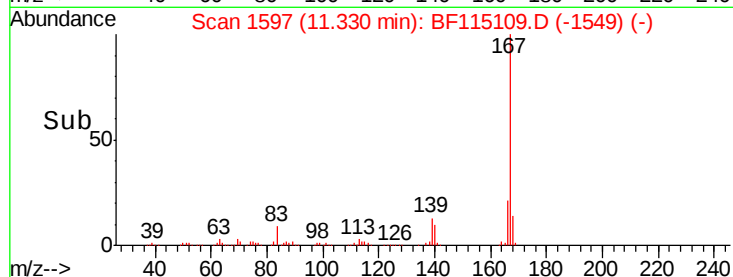
139 13.3 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 9.035 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

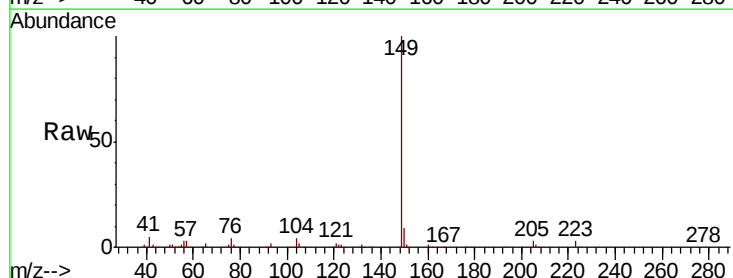
Tgt Ion:149 Resp: 485548

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

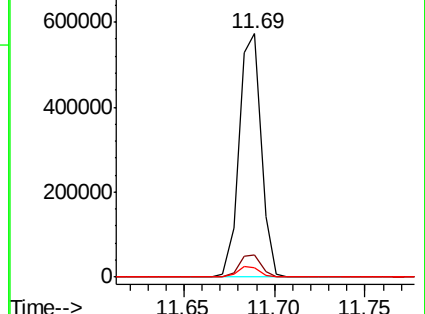
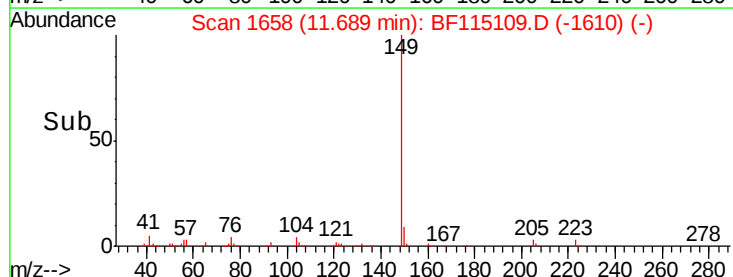
104 4.1 3.7 5.5

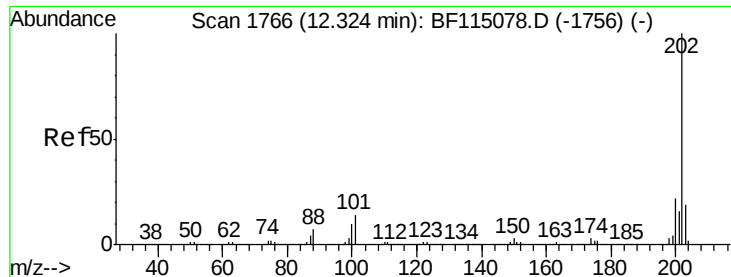


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.265 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

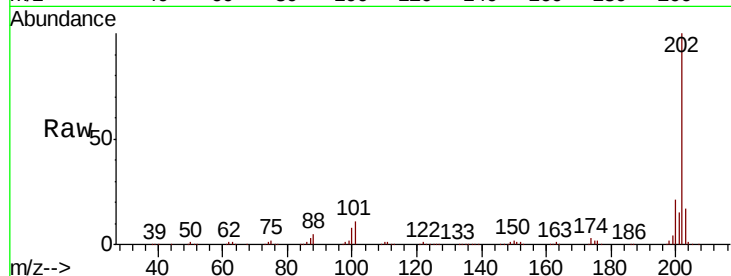
Tot Ion:202 Resp: 476969

Ion Ratio Lower Upper

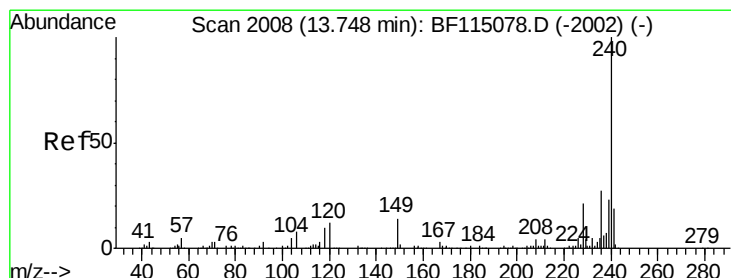
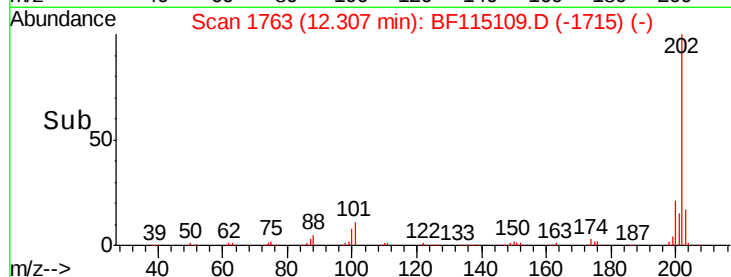
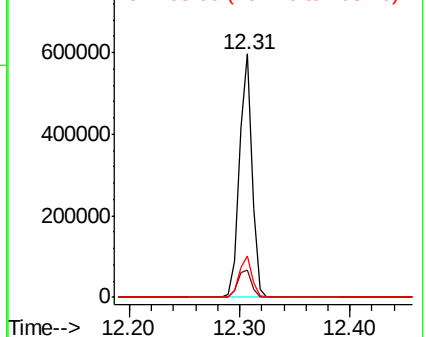
202 100

101 11.4 0.0 34.0

203 17.1 0.0 38.8



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

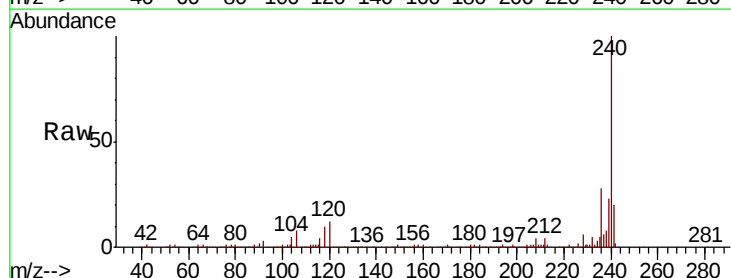
Tgt Ion:240 Resp: 749310

Ion Ratio Lower Upper

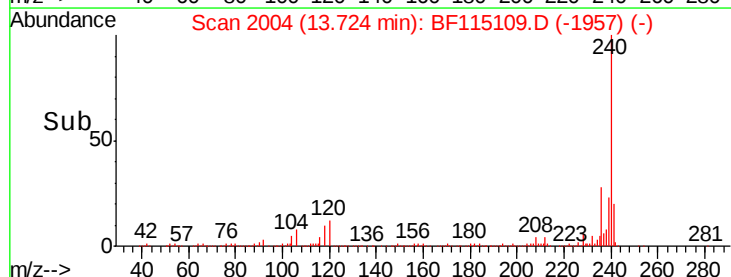
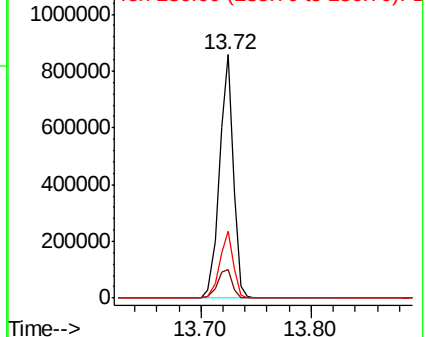
240 100

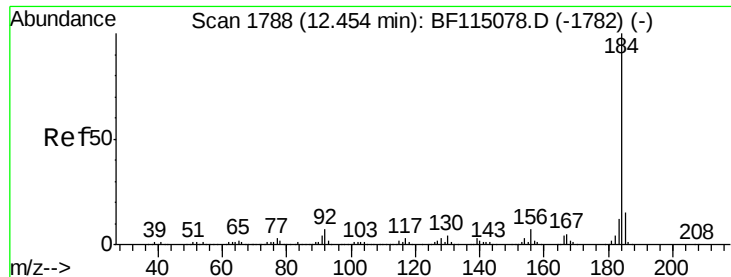
120 11.7 9.4 14.2

236 27.6 21.7 32.5



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: 6.054 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

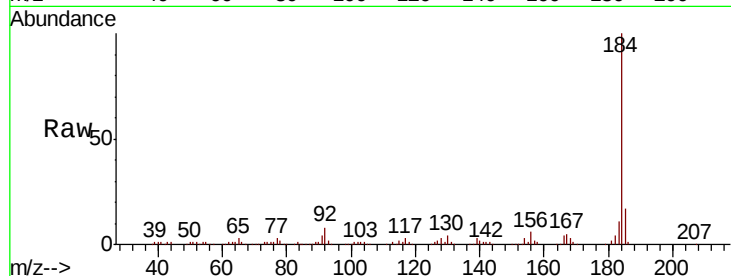
Tot Ion:184 Resp: 201428

Ion Ratio Lower Upper

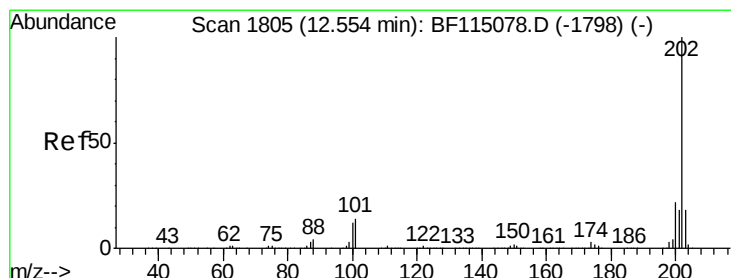
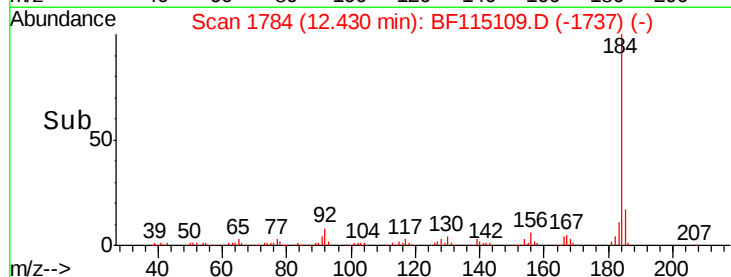
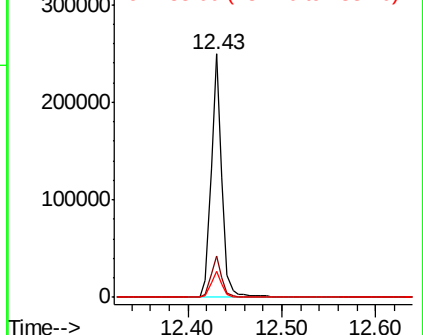
184 100

185 16.8 12.2 18.2

183 10.7 9.6 14.4



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: 8.563 ng

RT: 12.53 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

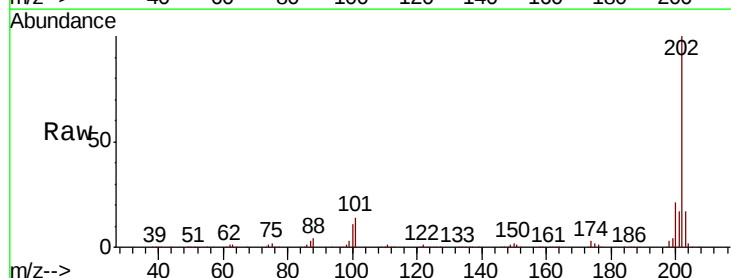
Tgt Ion:202 Resp: 493097

Ion Ratio Lower Upper

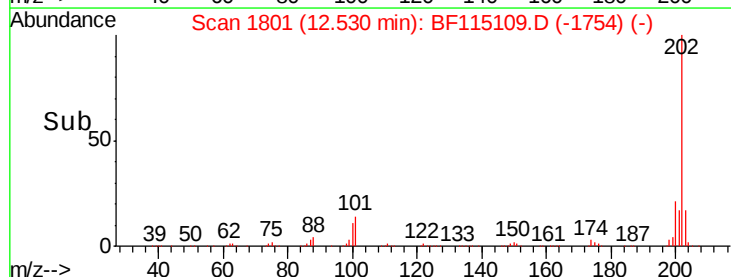
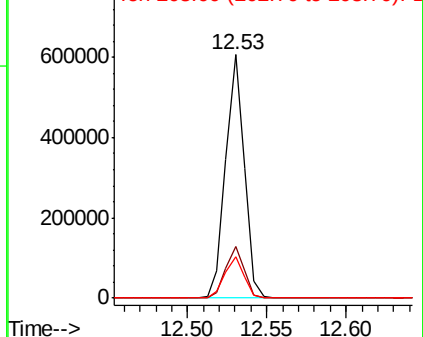
202 100

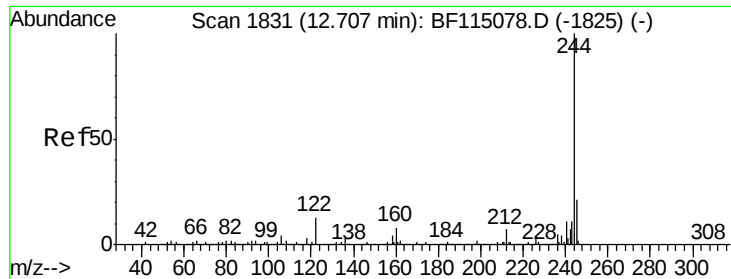
200 21.3 17.9 26.9

203 17.0 14.6 21.8



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: 81.271 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

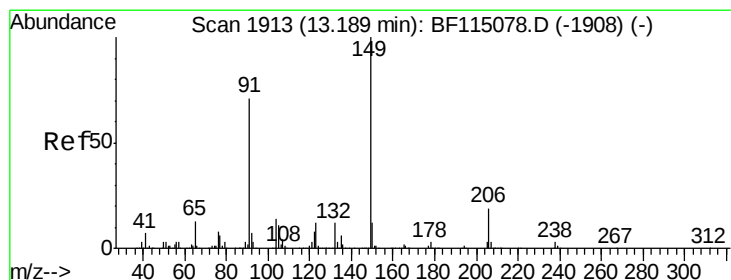
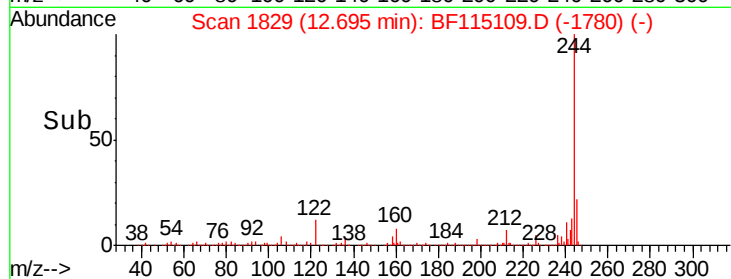
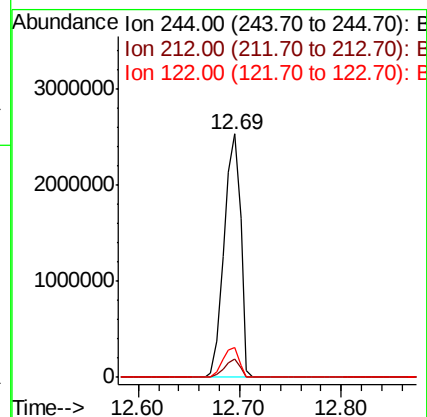
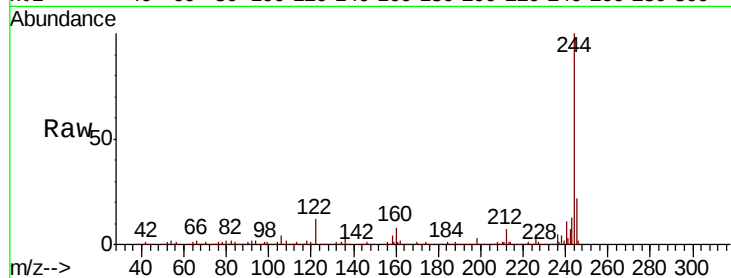
Tot Ion:244 Resp: 2864178

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 12.3 10.4 15.6



#80

Butylbenzylphthalate

Concen: 7.474 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

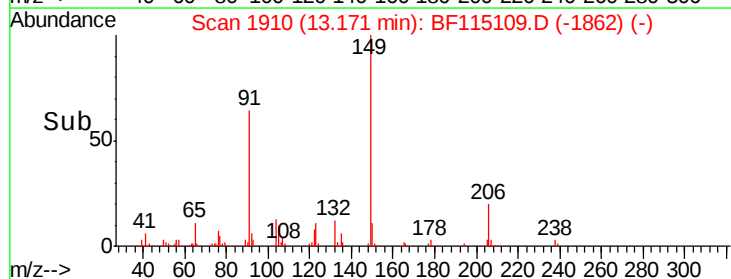
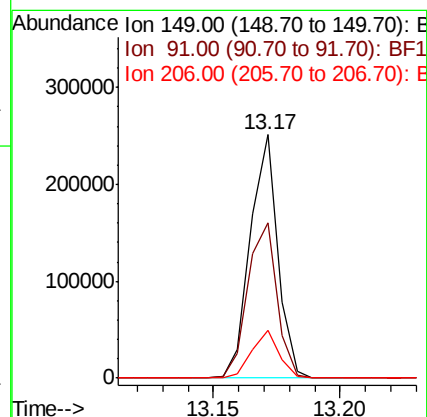
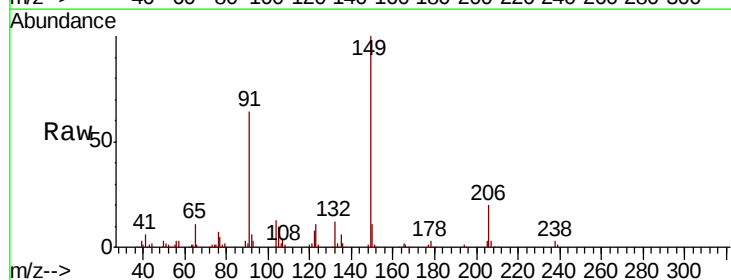
Tgt Ion:149 Resp: 189946

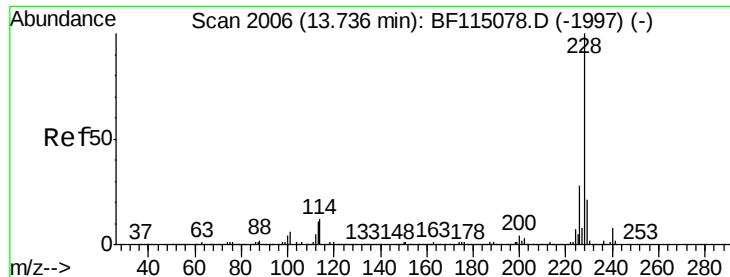
Ion Ratio Lower Upper

149 100

91 64.0 56.5 84.7

206 19.7 15.3 22.9





#81

Benzo(a)anthracene

Concen: 7.784 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

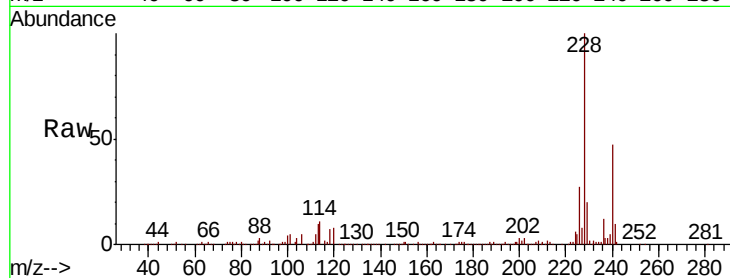
Tot Ion:228 Resp: 418505

Ion Ratio Lower Upper

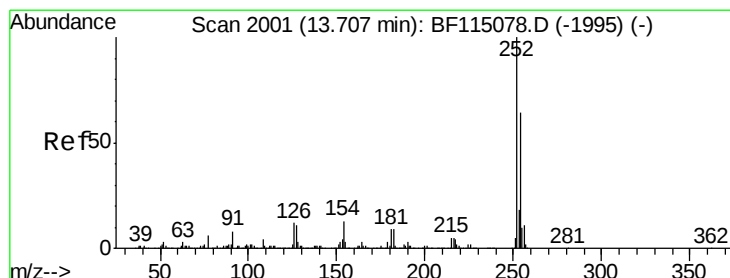
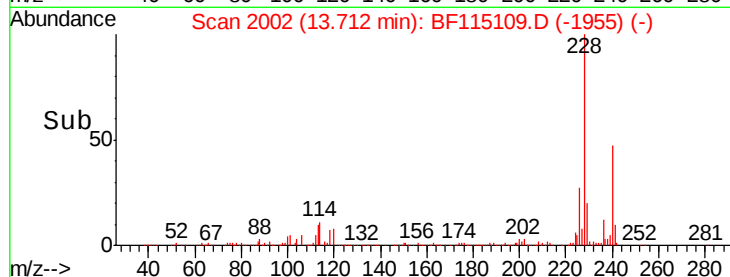
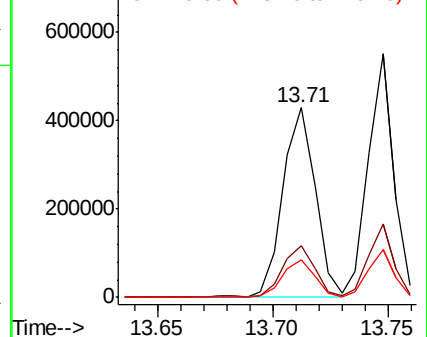
228 100

226 27.0 22.5 33.7

229 20.0 16.6 24.8



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: 7.963 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

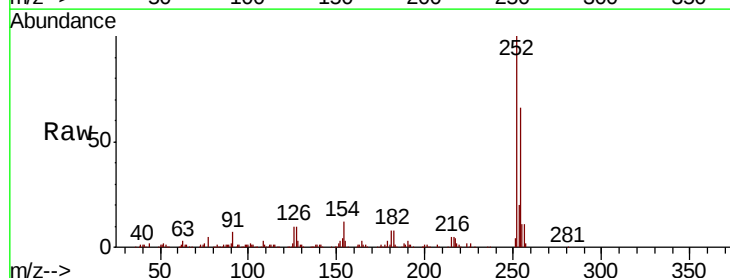
Tgt Ion:252 Resp: 154609

Ion Ratio Lower Upper

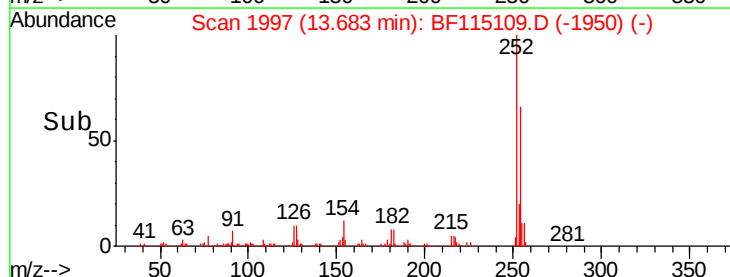
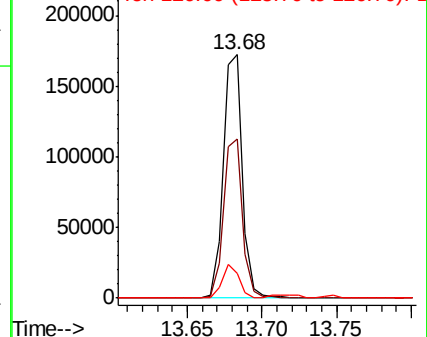
252 100

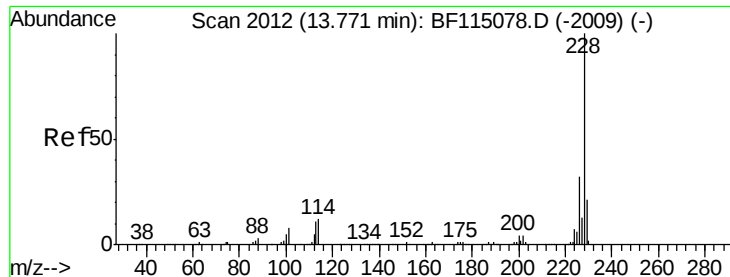
254 65.6 51.1 76.7

126 10.3 9.4 14.0



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: 8.555 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

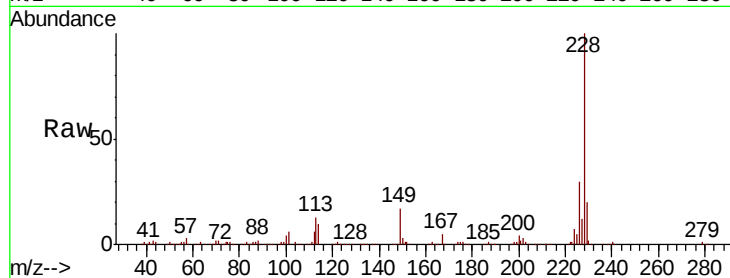
Tot Ion:228 Resp: 421341

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.0

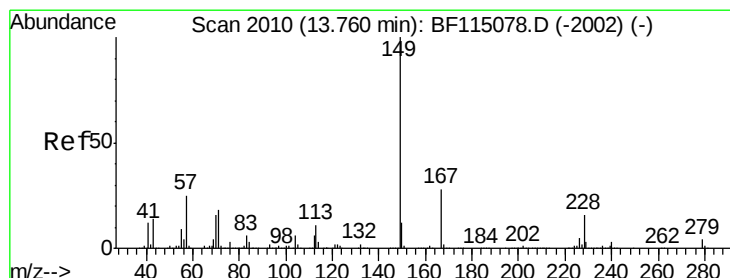
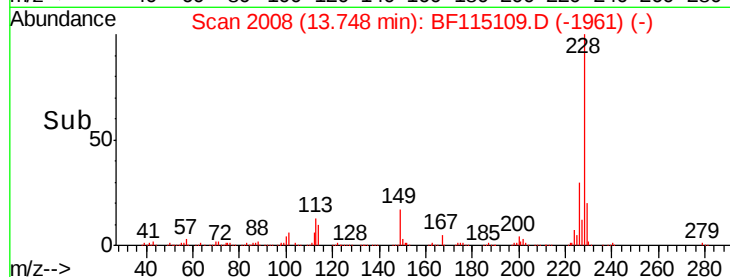
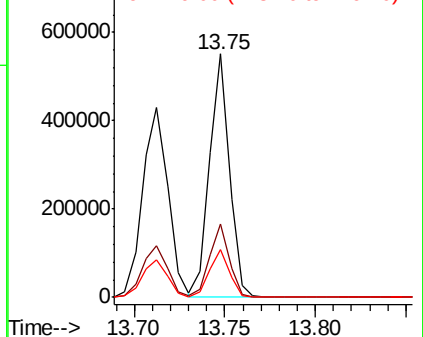
229 19.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.187 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

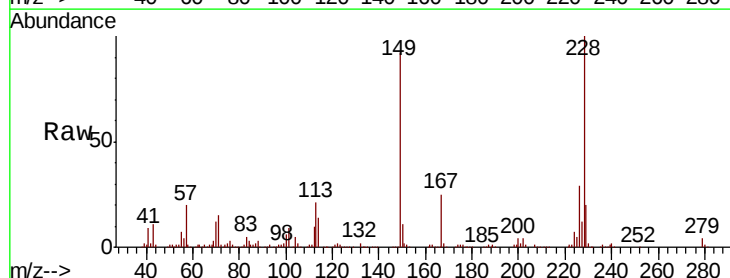
Tgt Ion:149 Resp: 272617

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

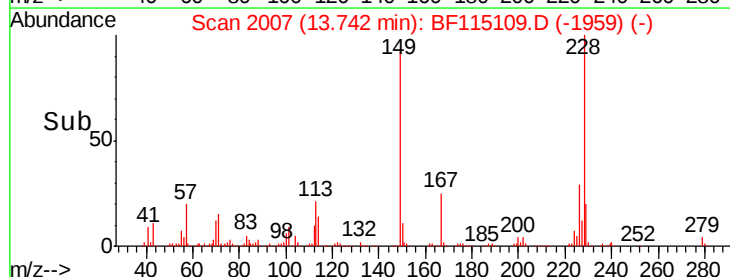
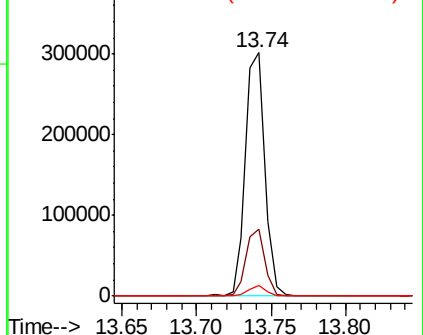
279 4.1 2.9 4.3

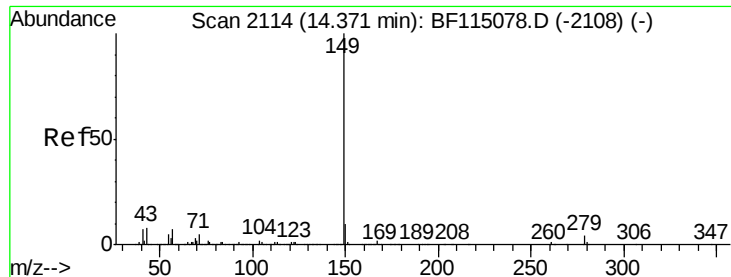


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.749 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

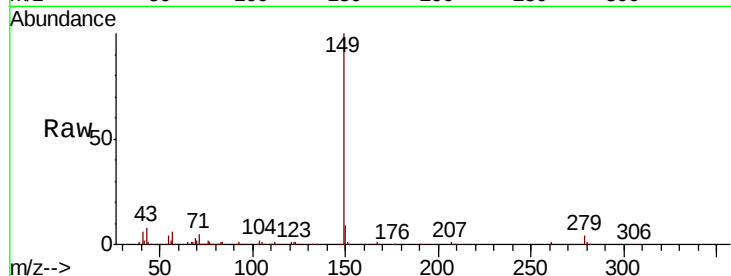
Tot Ion:149 Resp: 433540

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

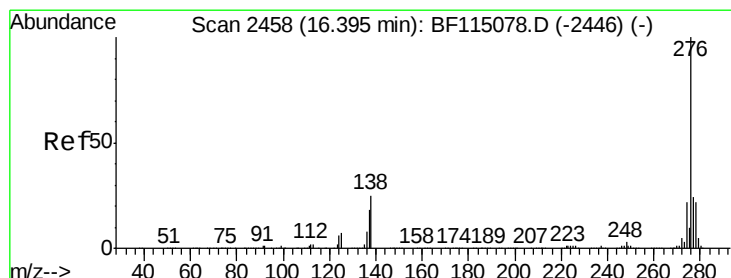
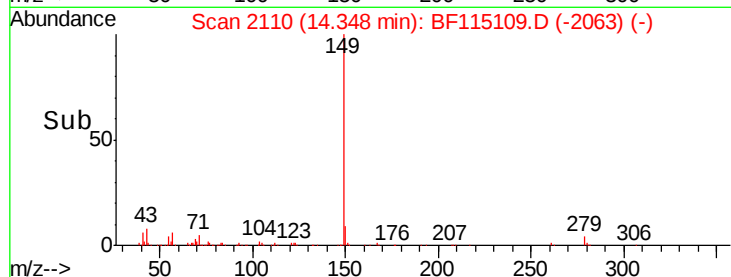
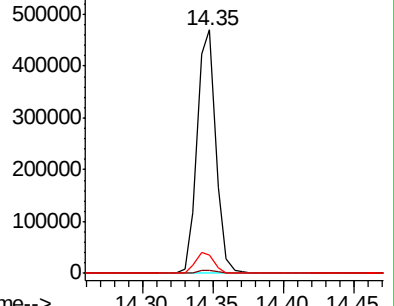
43 8.9 7.0 10.6



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: 6.630 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.05 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

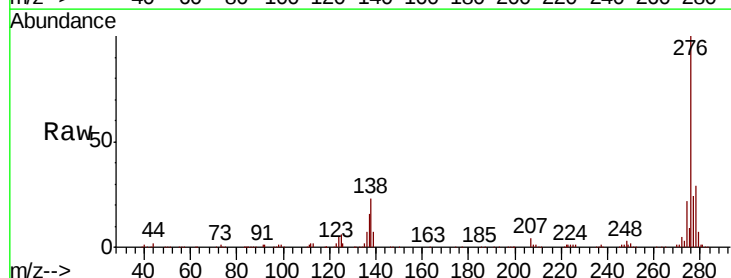
Tgt Ion:276 Resp: 386376

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

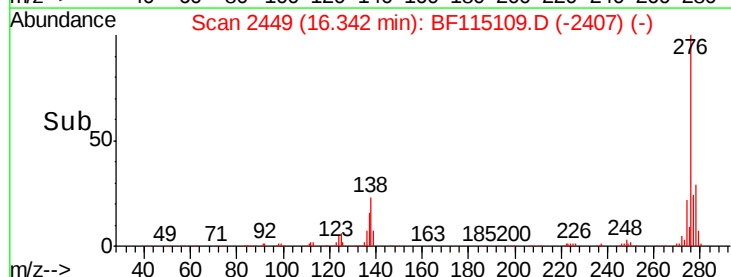
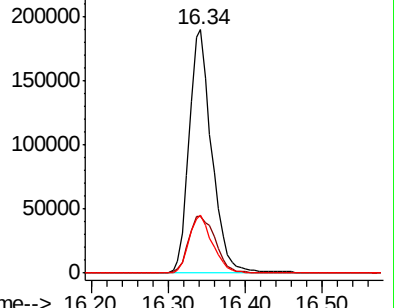
277 24.8 20.1 30.1

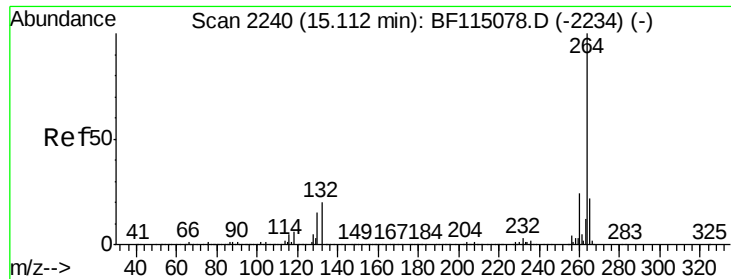


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

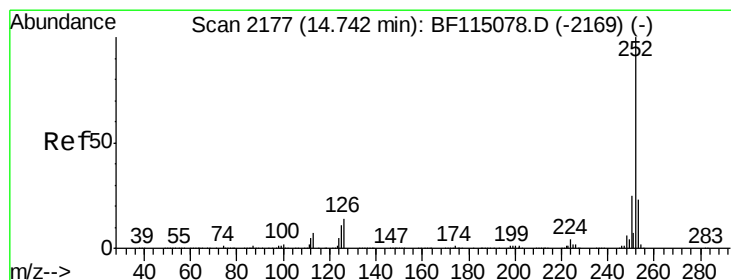
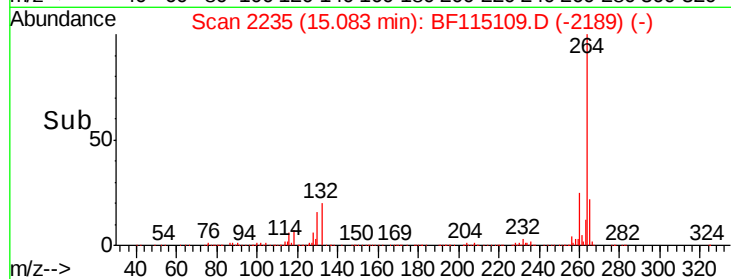
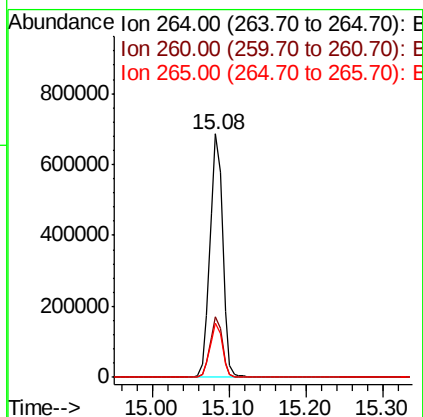
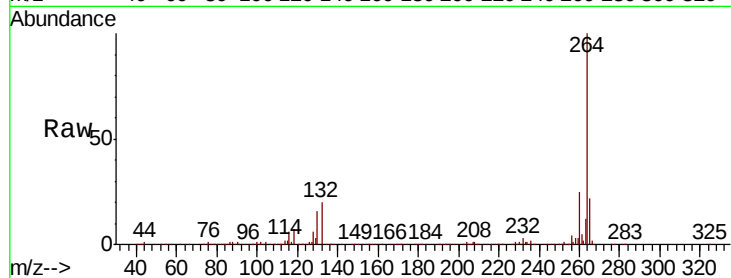




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

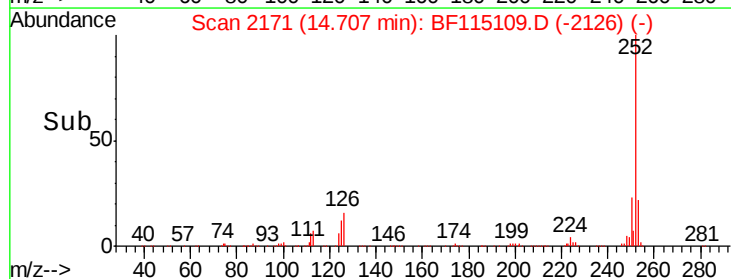
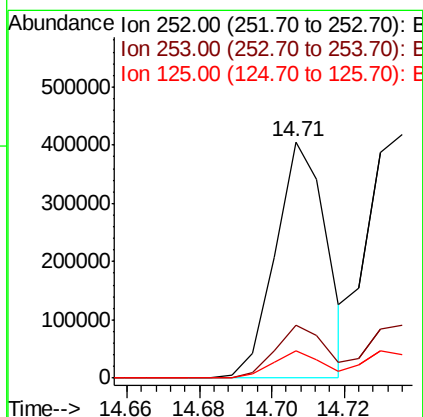
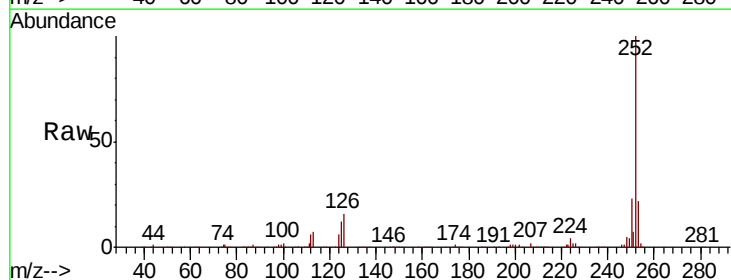
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

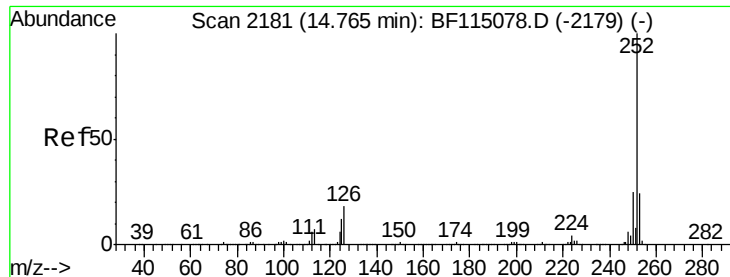
Tot Ion:264 Resp: 774767
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 8.235 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion:252 Resp: 398129
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.7 8.7 13.1

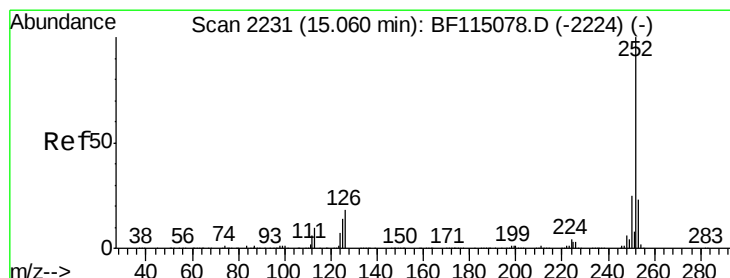
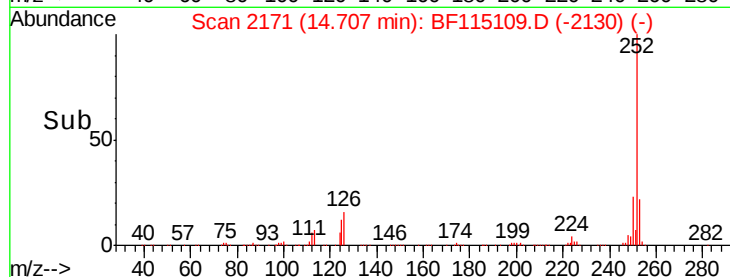
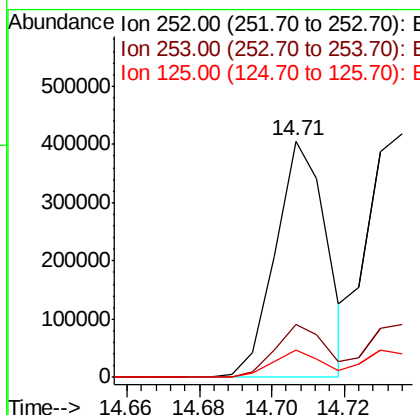
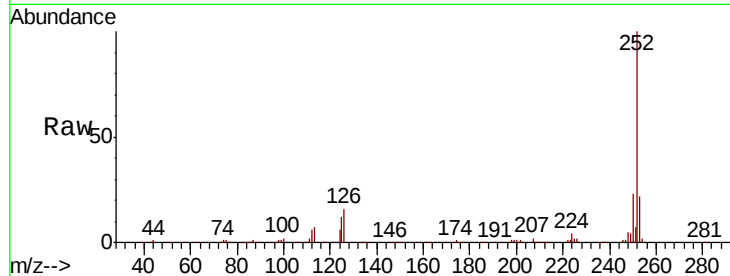




#89
Benzo(k)fluoranthene
Concen: 9.183 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.06 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

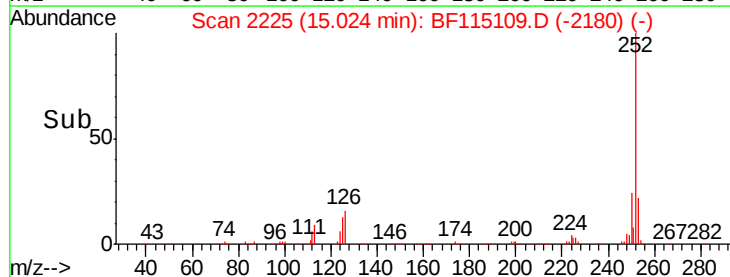
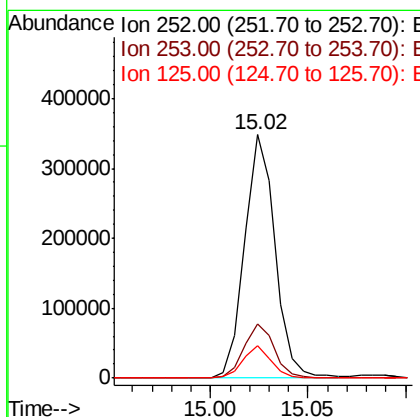
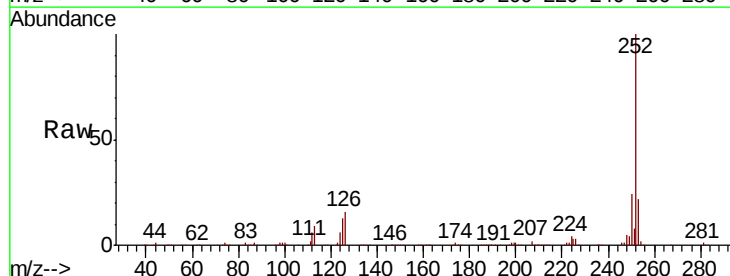
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

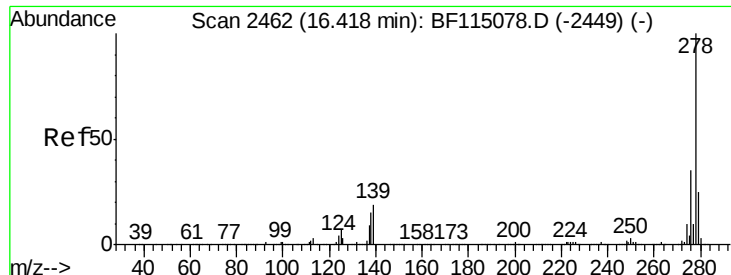
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	11.7	10.2	15.2



#90
Benzo(a)pyrene
Concen: 8.678 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115109.D
Acq: 22 Jun 2019 9:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	13.2	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 7.764 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.06 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

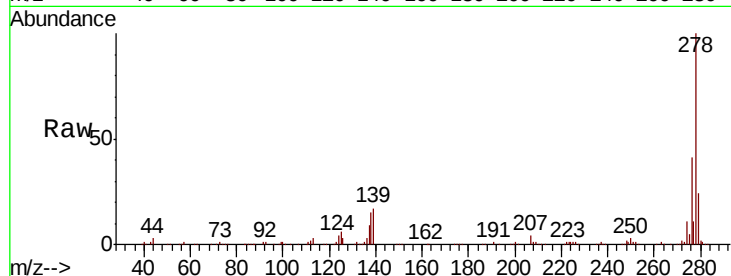
Tot Ion:278 Resp: 315832

Ion Ratio Lower Upper

278 100

139 16.7 15.4 23.2

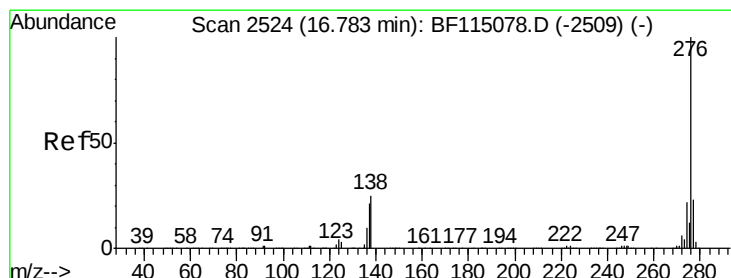
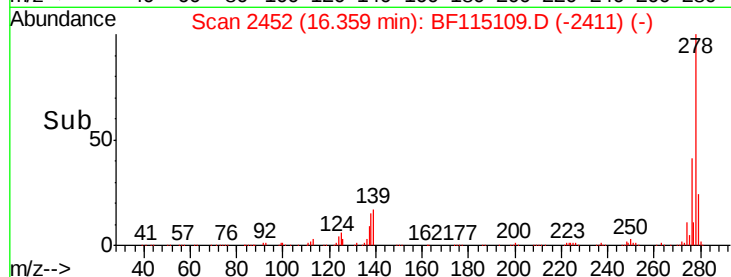
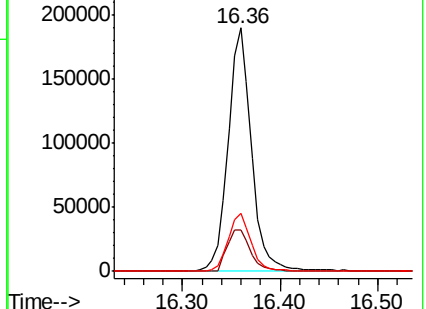
279 23.6 19.9 29.9



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: 7.616 ng

RT: 16.71 min Scan# 2512

Delta R.T. -0.07 min

Lab File: BF115109.D

Acq: 22 Jun 2019 9:54

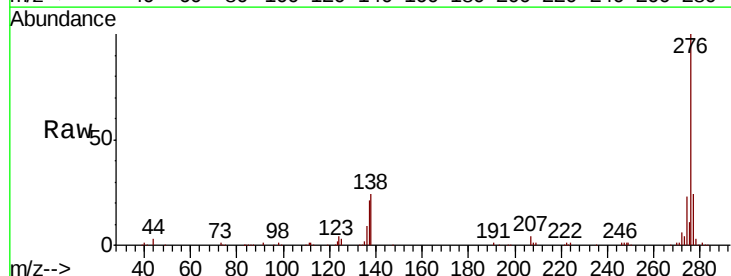
Tgt Ion:276 Resp: 313569

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 24.1 19.8 29.6



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

