

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
 Data File : BF113282.D
 Acq On : 25 Mar 2019 16:35
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOQ 16 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 26 03:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163842	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	673214	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	329759	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	656925	20.00	ng	0.00
76) Chrysene-d12	13.84	240	565585	20.00	ng	0.00
87) Perylene-d12	15.24	264	526511	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1029557	102.75	ng	0.00
7) Phenol-d6	6.35	99	1271616	100.32	ng	0.00
23) Nitrobenzene-d5	7.27	82	790486	69.69	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	429793	105.52	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1461116	65.38	ng	0.00
79) Terphenyl-d14	12.79	244	1685926	65.70	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.36	88	69080	13.588 ng	99
3) Pyridine	3.11	79	160868	12.835 ng	99
4) n-Nitrosodimethylamine	2.99	42	68988	12.382 ng	93
6) Aniline	6.36	93	211093	13.675 ng	89
8) 2-Chlorophenol	6.49	128	156015	13.408 ng	96
9) Benzaldehyde	6.25	77	120551	14.172 ng	98
10) Phenol	6.36	94	200418	13.849 ng	96
11) bis(2-Chloroethyl)ether	6.44	93	147341	13.282 ng	98
12) 1,3-Dichlorobenzene	6.65	146	176790	14.095 ng	98
13) 1,4-Dichlorobenzene	6.72	146	180696	14.921 ng	99
14) 1,2-Dichlorobenzene	6.87	146	173007	14.521 ng	97
15) Benzyl Alcohol	6.85	79	122744	14.678 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	245703	14.744 ng	97
17) 2-Methylphenol	6.97	107	130077	14.264 ng	96
18) Hexachloroethane	7.22	117	68302	15.702 ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	115229	14.472 ng	98
20) 3+4-Methylphenols	7.12	107	169064	10.381 ng	97
22) Acetophenone	7.11	105	224997	14.655 ng	# 98
24) Nitrobenzene	7.29	77	183741	15.524 ng	99
25) Isophorone	7.52	82	330096	15.017 ng	97
26) 2-Nitrophenol	7.60	139	93463	14.939 ng	90
27) 2,4-Dimethylphenol	7.65	122	136454	15.162 ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	215469	15.566 ng	100
29) 2,4-Dichlorophenol	7.85	162	148682	15.246 ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	161618	15.360 ng	99
31) Naphthalene	8.00	128	516551	15.701 ng	99
32) Benzoic acid	7.76	122	77908	10.755 ng	94
33) 4-Chloroaniline	8.06	127	205100	15.988 ng	98
34) Hexachlorobutadiene	8.13	225	98205	15.703 ng	97
35) Caprolactam	8.40	113	45679	14.594 ng	94
36) 4-Chloro-3-methylphenol	8.55	107	150991	15.393 ng	98
37) 2-Methylnaphthalene	8.70	142	340284	16.577 ng	99
38) 1-Methylnaphthalene	8.80	142	328511	16.638 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	162242	15.327 ng	99

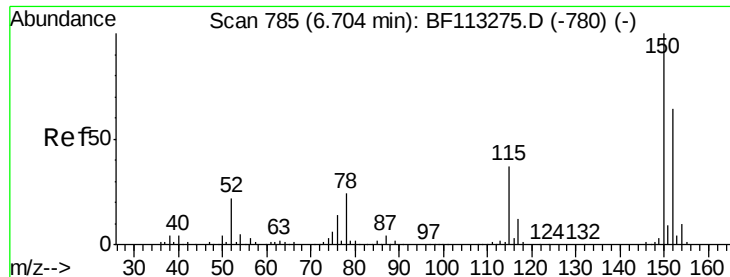
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
 Data File : BF113282.D
 Acq On : 25 Mar 2019 16:35
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	41541	9.272	ng	95
43) 2,4,6-Trichlorophenol	8.98	196	97018	14.075	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	104450	13.692	ng	97
46) 1,1'-Biphenyl	9.16	154	432931	15.719	ng	96
47) 2-Chloronaphthalene	9.19	162	323008	15.232	ng	96
48) 2-Nitroaniline	9.28	65	94500	14.201	ng	99
49) Acenaphthylene	9.59	152	542040	15.809	ng	99
50) Dimethylphthalate	9.46	163	367829	15.052	ng	100
51) 2,6-Dinitrotoluene	9.52	165	81547	14.792	ng	88
52) Acenaphthene	9.77	154	301293	15.604	ng	99
53) 3-Nitroaniline	9.69	138	90401	14.540	ng	89
54) 2,4-Dinitrophenol	9.80	184	30207	11.016	ng	95
55) Dibenzofuran	9.94	168	470766	16.218	ng	98
56) 4-Nitrophenol	9.87	139	55261	12.467	ng	94
57) 2,4-Dinitrotoluene	9.93	165	107504	15.334	ng	90
58) Fluorene	10.28	166	360311	15.978	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	93104	14.433	ng	98
60) Diethylphthalate	10.16	149	364905	15.221	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	174635	15.890	ng	93
62) 4-Nitroaniline	10.29	138	92904	14.514	ng	96
63) Azobenzene	10.43	77	353147	15.649	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	43436	12.087	ng	99
66) n-Nitrosodiphenylamine	10.39	169	311982	15.477	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	112707	15.741	ng	92
68) Hexachlorobenzene	10.83	284	129428	15.573	ng	98
69) Atrazine	10.92	200	96939	15.236	ng	96
70) Pentachlorophenol	11.03	266	54739	12.642	ng	96
71) Phenanthrene	11.24	178	525126	16.097	ng	98
72) Anthracene	11.29	178	544639	16.436	ng	98
73) Carbazole	11.44	167	511616	16.181	ng	99
74) Di-n-butylphthalate	11.77	149	585525	15.969	ng	99
75) Fluoranthene	12.42	202	586224	15.896	ng	99
77) Benzidine	12.54	184	294287	13.587	ng	# 94
78) Pyrene	12.64	202	608701	15.531	ng	99
80) Butylbenzylphthalate	13.26	149	247364	14.321	ng	97
81) Benzo(a)anthracene	13.83	228	501461	15.489	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	199868	15.389	ng	99
83) Chrysene	13.86	228	519476	15.797	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	319677	15.097	ng	99
85) Di-n-octyl phthalate	14.43	149	561431	15.620	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	444200	15.740	ng	98
88) Benzo(b)fluoranthene	14.84	252	483569	14.785	ng	99
89) Benzo(k)fluoranthene	14.87	252	457854	15.941	ng	99
90) Benzo(a)pyrene	15.18	252	430908	14.861	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	369531	14.739	ng	99
92) Benzo(g,h,i)perylene	16.99	276	344237	13.617	ng	97

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

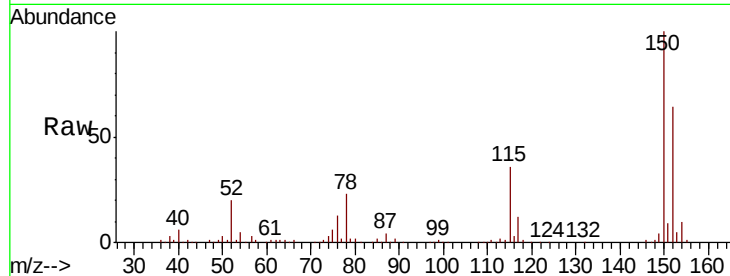


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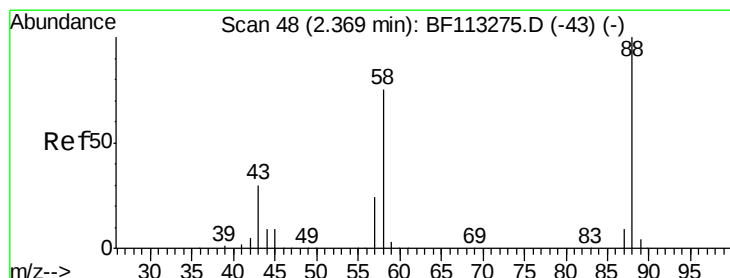
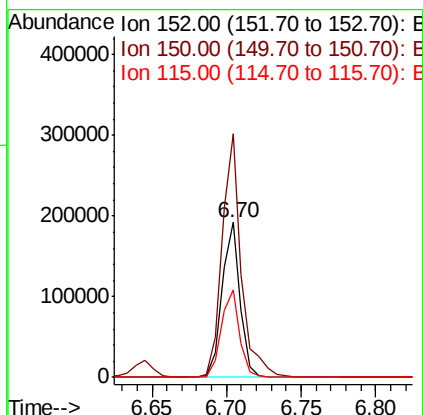
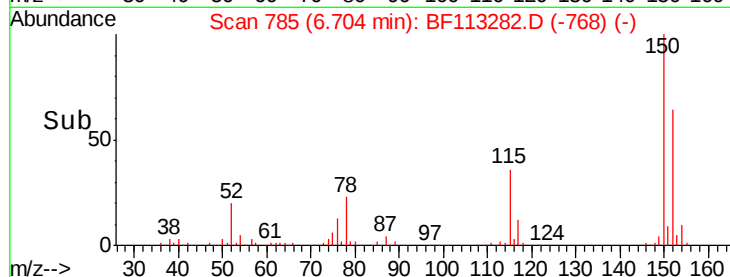
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:152 Resp: 163842
Ion Ratio Lower Upper
152 100
150 156.8 124.7 187.1
115 56.4 46.0 69.0



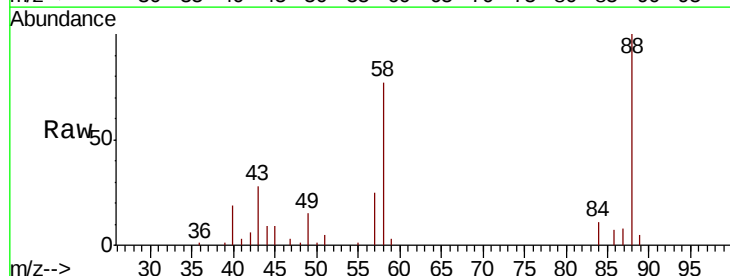
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



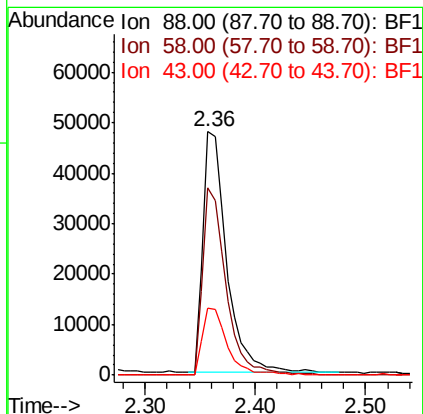
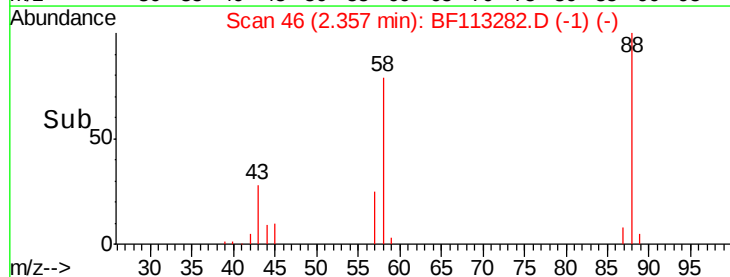
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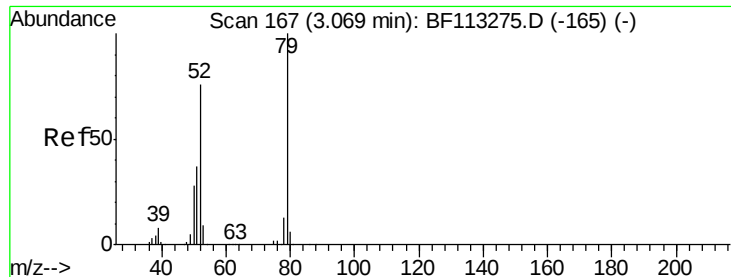
1,4-Dioxane
Concen: 13.588 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 88 Resp: 69080
Ion Ratio Lower Upper
88 100
58 76.5 61.9 92.9
43 29.6 24.2 36.4



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





#3

Pyridine

Concen: 12.835 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

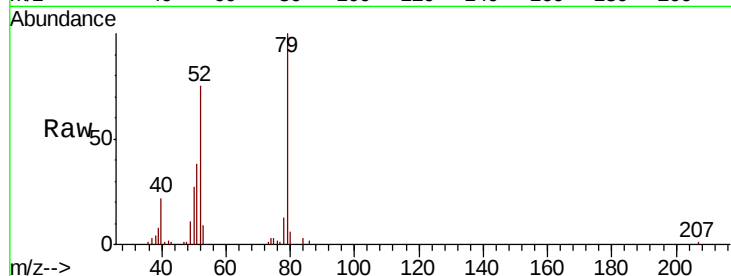
Tgt Ion: 79 Resp: 160868

Ion Ratio Lower Upper

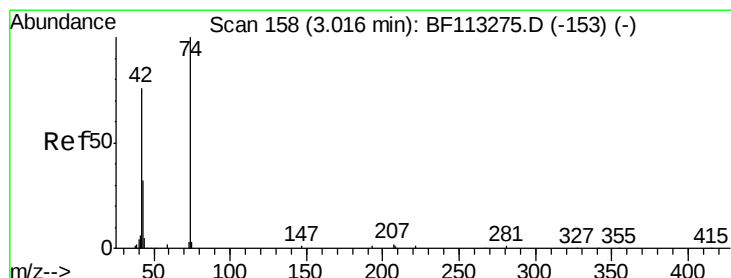
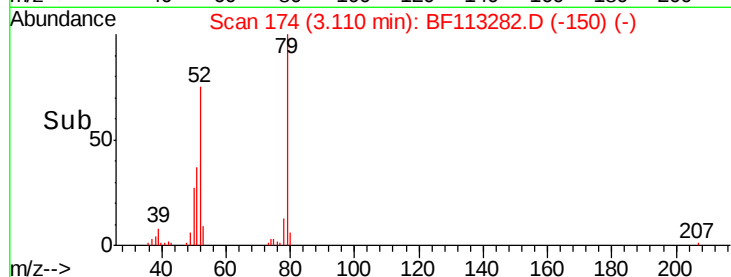
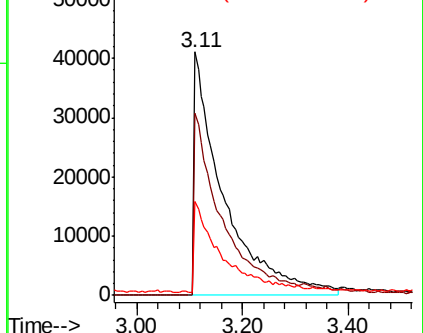
79 100

52 74.6 61.0 91.4

51 38.4 30.6 45.8



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



#4

n-Nitrosodimethylamine

Concen: 12.382 ng

RT: 2.99 min Scan# 153

Delta R.T. -0.03 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

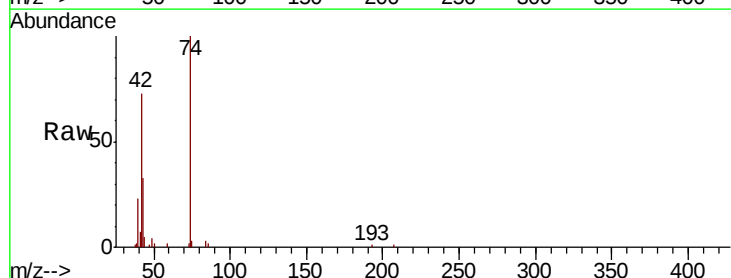
Tgt Ion: 42 Resp: 68988

Ion Ratio Lower Upper

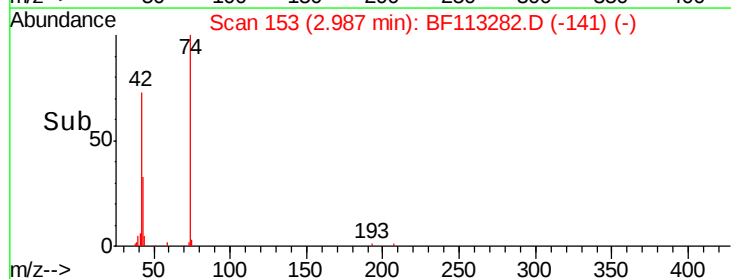
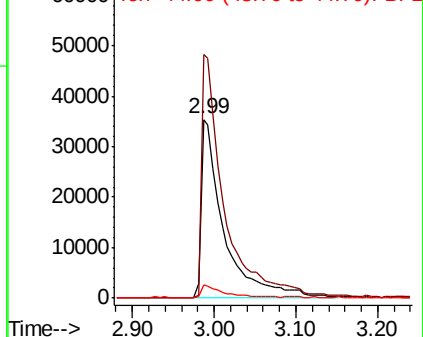
42 100

74 136.4 102.4 153.6

44 7.2 5.5 8.3



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





#5

2-Fluorophenol

Concen: 102.748 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

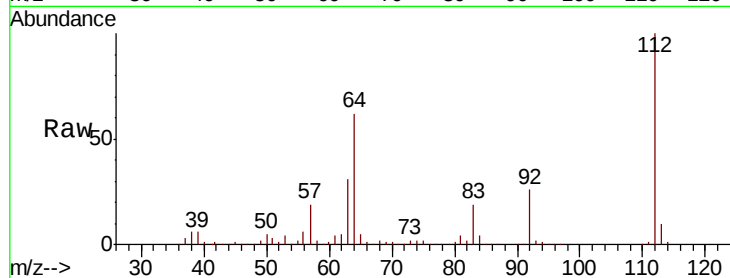
Tgt Ion:112 Resp: 1029557

Ion Ratio Lower Upper

112 100

64 61.5 49.2 73.8

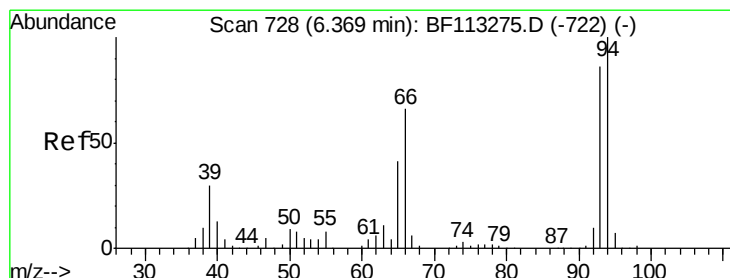
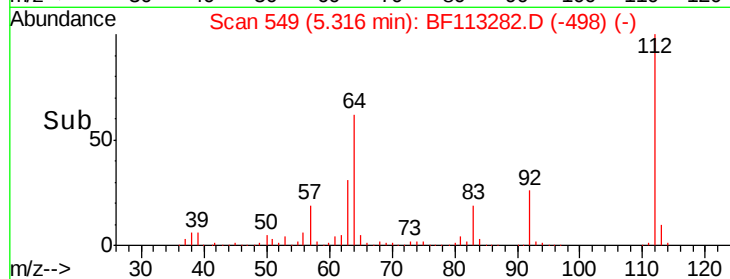
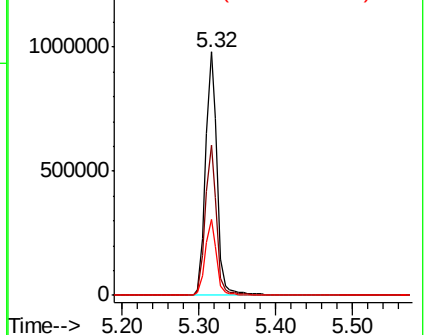
63 31.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.675 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

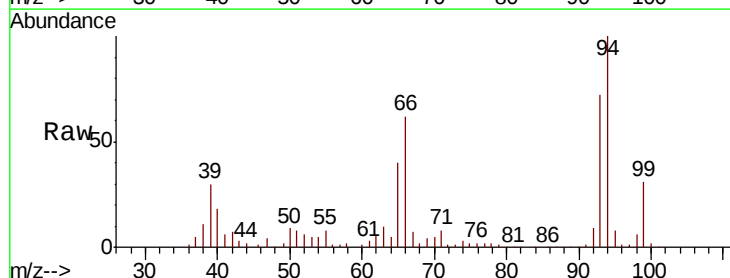
Tgt Ion: 93 Resp: 211093

Ion Ratio Lower Upper

93 100

66 86.6 62.1 93.1

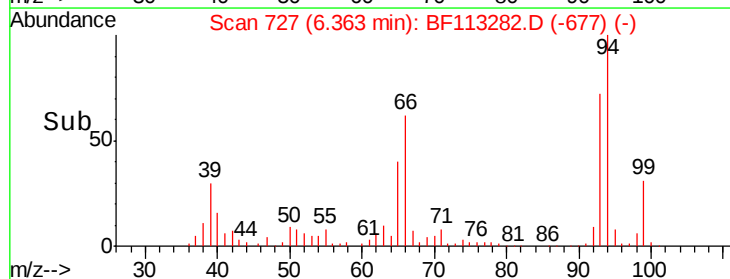
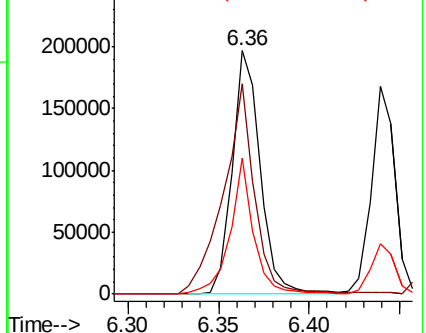
65 55.8 38.7 58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.316 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

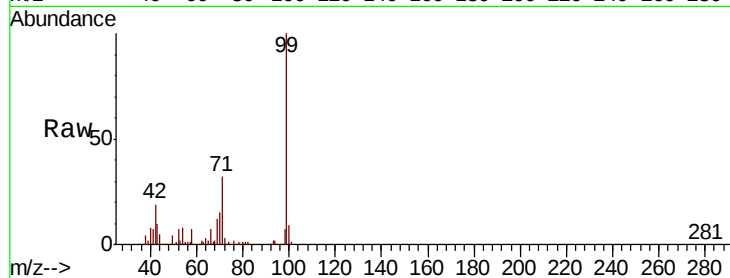
Tgt Ion: 99 Resp: 1271616

Ion Ratio Lower Upper

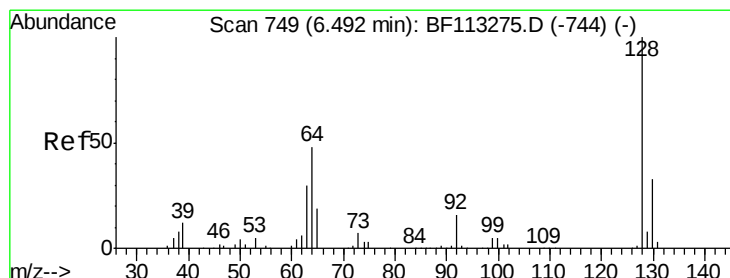
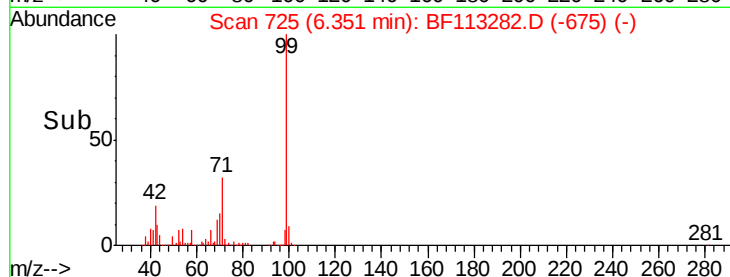
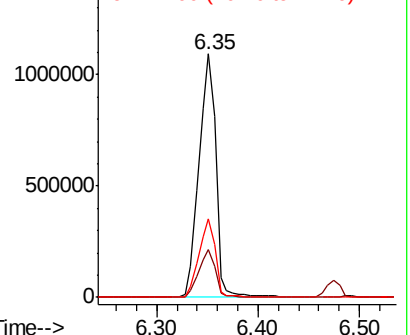
99 100

42 19.4 14.8 22.2

71 32.1 24.9 37.3



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: 13.408 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

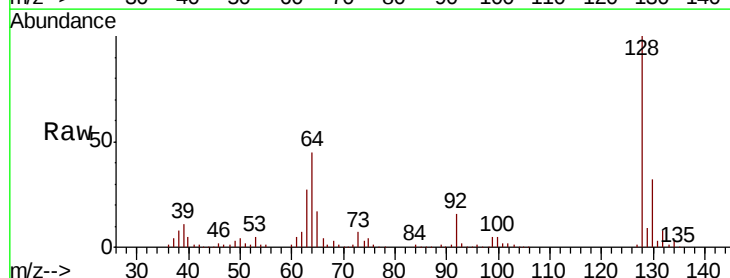
Tgt Ion: 128 Resp: 156015

Ion Ratio Lower Upper

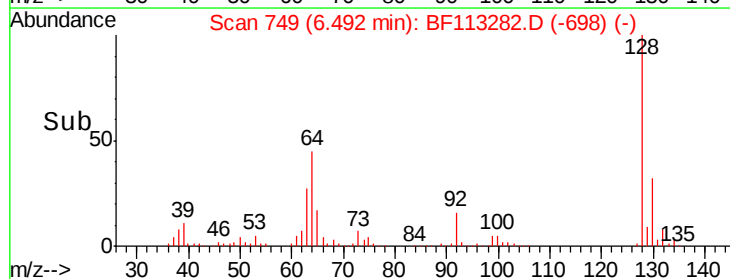
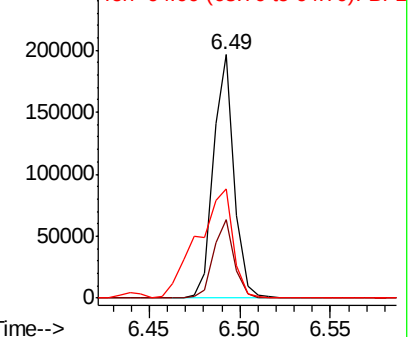
128 100

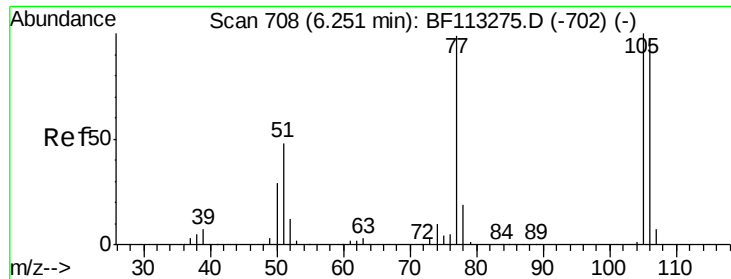
130 32.2 12.6 52.6

64 45.0 29.4 69.4



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

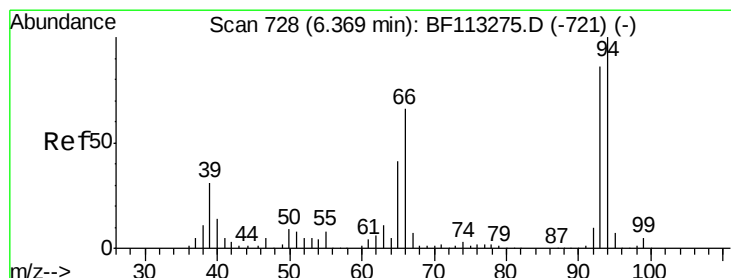
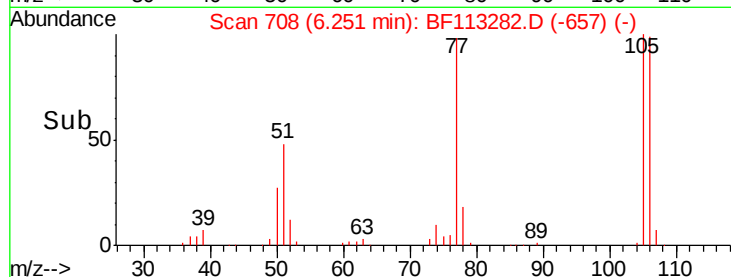
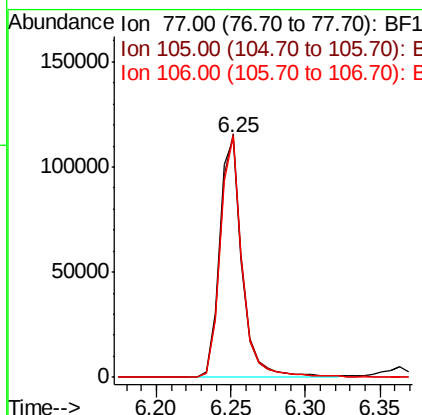
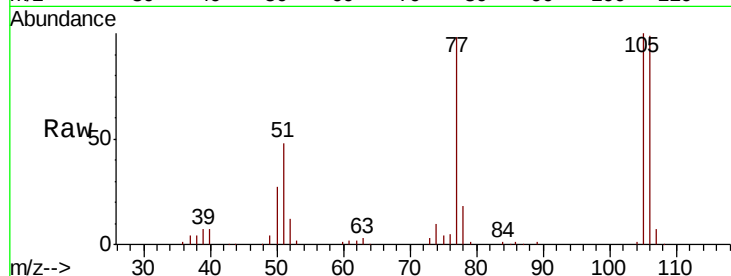




#9
Benzaldehyde
Concen: 14.172 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

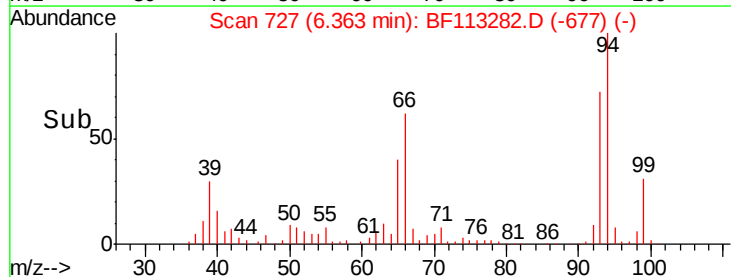
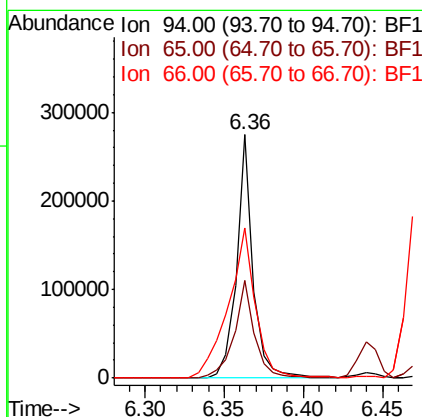
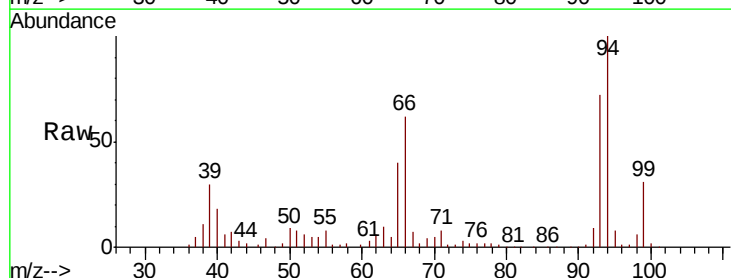
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 77 Resp: 120551
Ion Ratio Lower Upper
77 100
105 101.9 80.9 120.9
106 101.1 77.8 117.8



#10
Phenol
Concen: 13.849 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 94 Resp: 200418
Ion Ratio Lower Upper
94 100
65 39.9 21.4 61.4
66 61.9 46.4 86.4

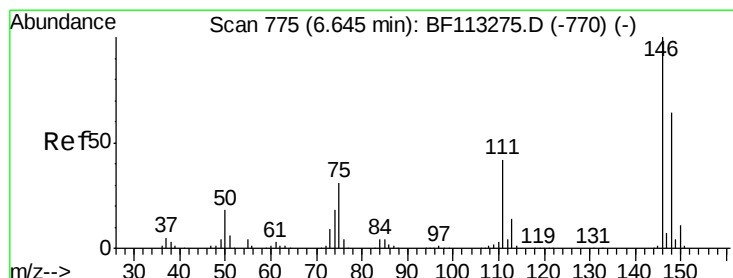
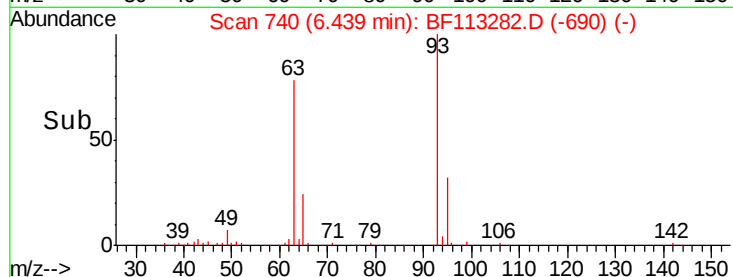
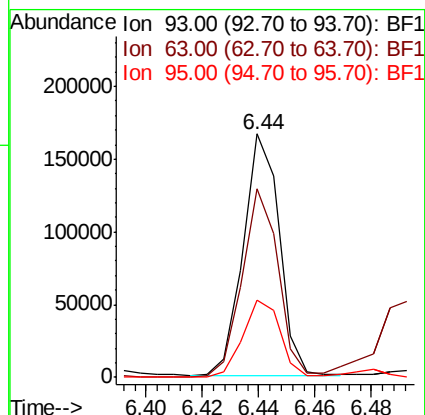
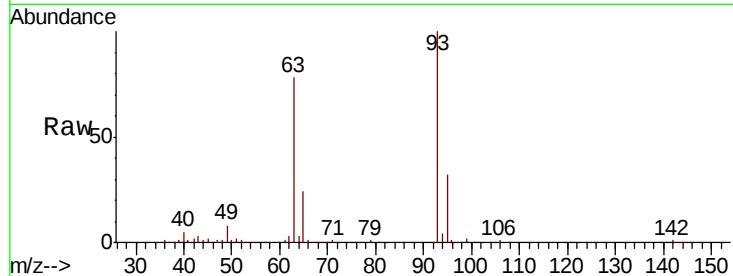




#11
bis(2-Chloroethyl)ether
Concen: 13.282 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

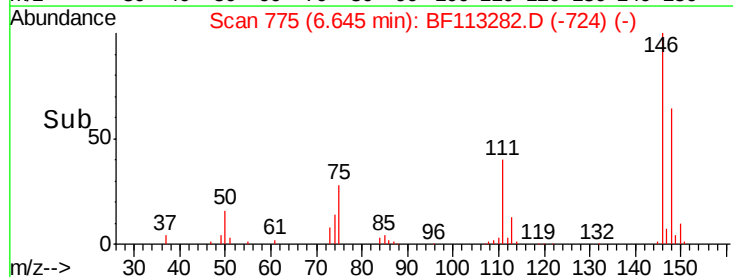
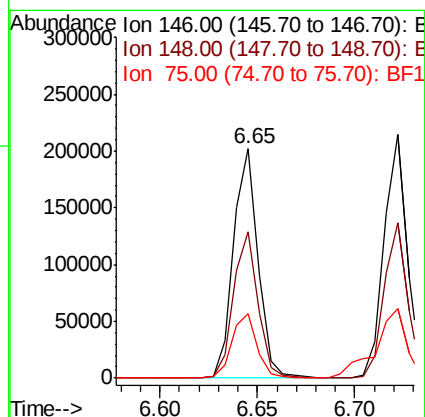
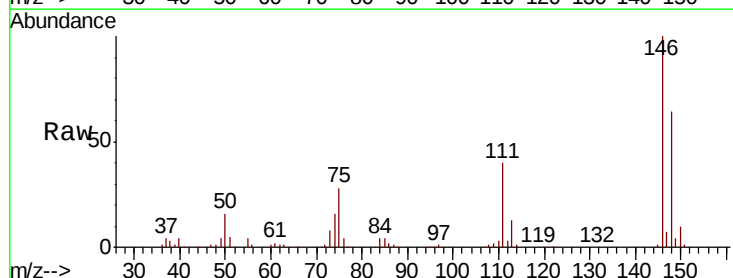
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

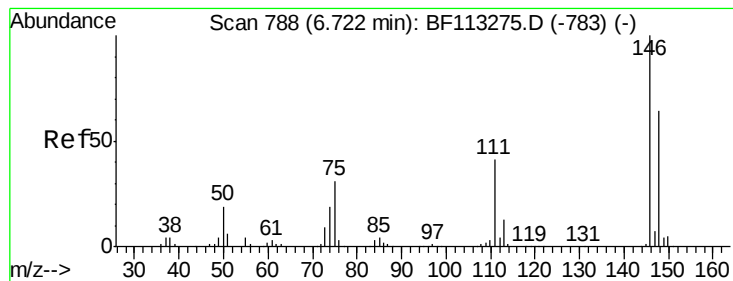
Tgt Ion: 93 Resp: 147341
Ion Ratio Lower Upper
93 100
63 77.7 56.1 96.1
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 14.095 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 146 Resp: 176790
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 28.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 14.921 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

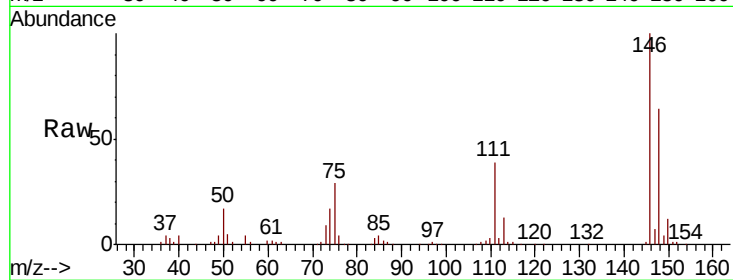
Tgt Ion:146 Resp: 180696

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

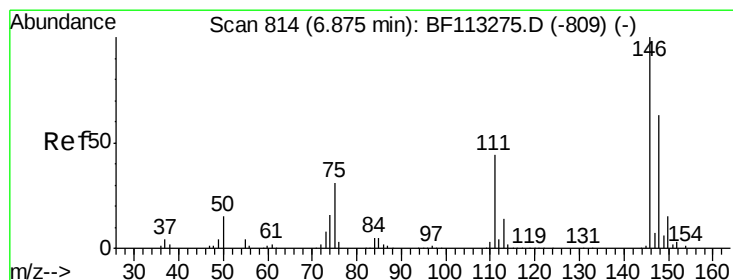
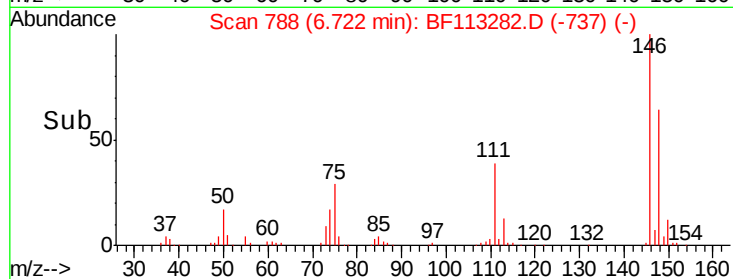
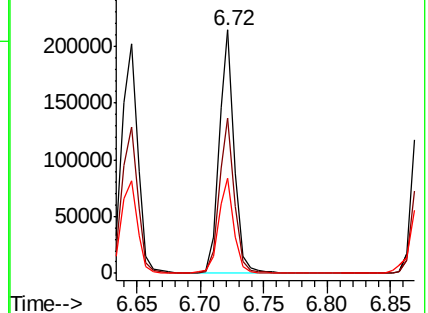
111 39.3 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 14.521 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

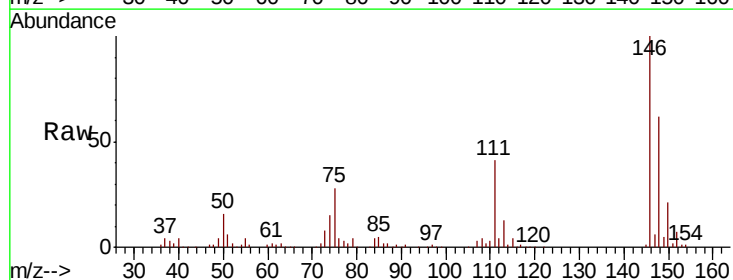
Tgt Ion:146 Resp: 173007

Ion Ratio Lower Upper

146 100

148 61.6 50.2 75.4

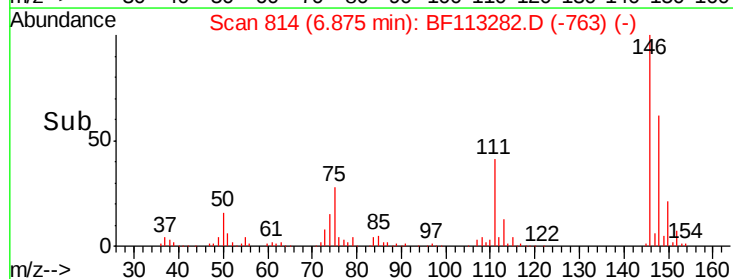
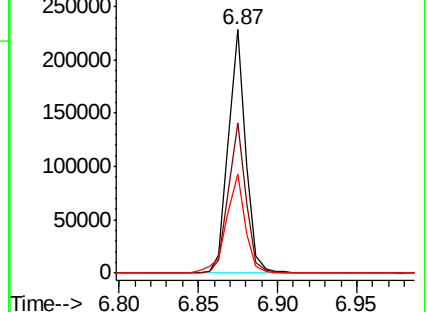
111 40.9 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 14.678 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

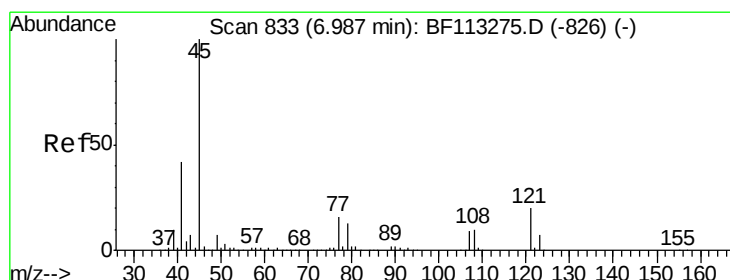
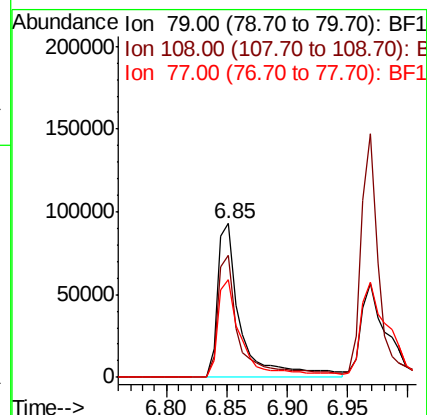
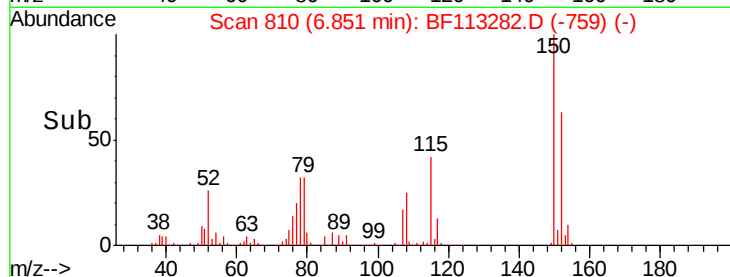
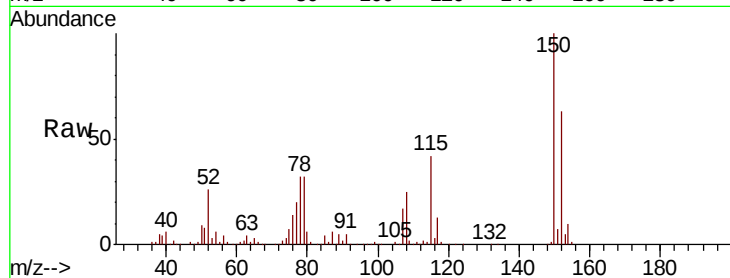
Tgt Ion: 79 Resp: 122744

Ion Ratio Lower Upper

79 100

108 78.9 62.0 93.0

77 63.7 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.744 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

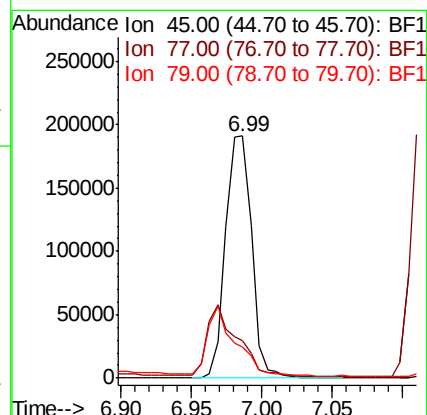
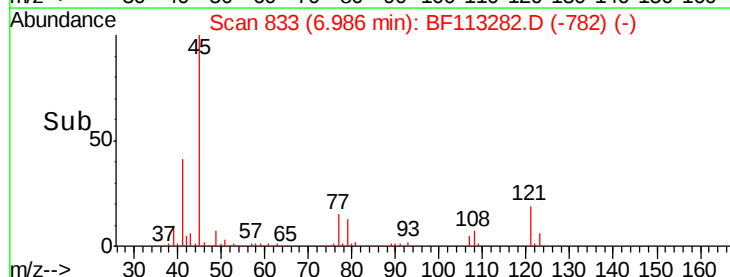
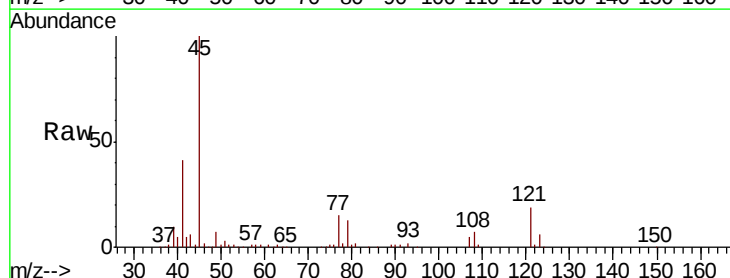
Tgt Ion: 45 Resp: 245703

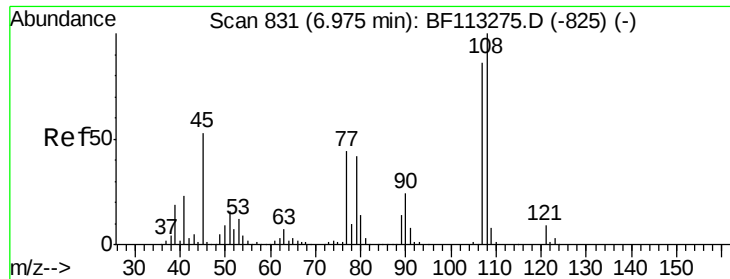
Ion Ratio Lower Upper

45 100

77 15.3 0.0 36.6

79 12.7 0.0 34.0

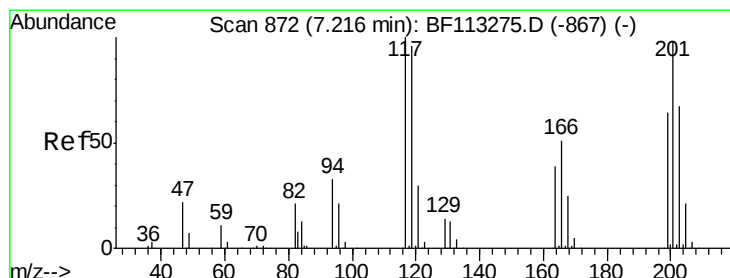
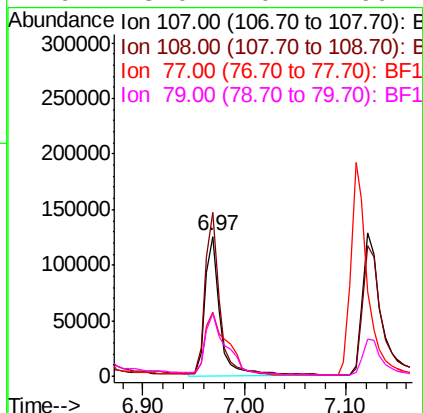
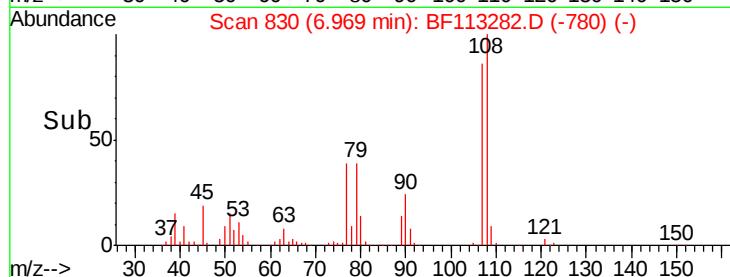
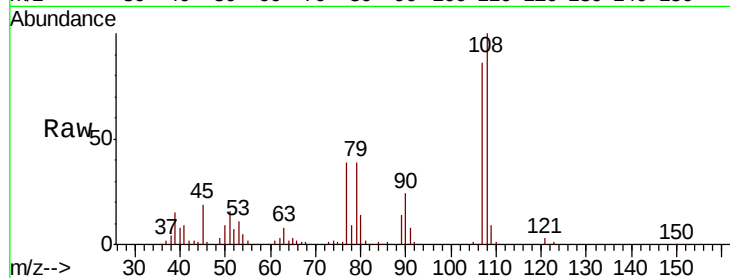




#17
2-Methylphenol
Concen: 14.264 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

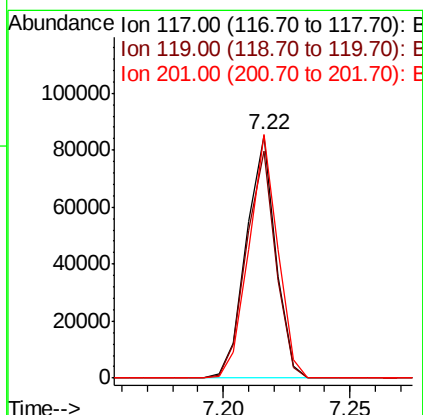
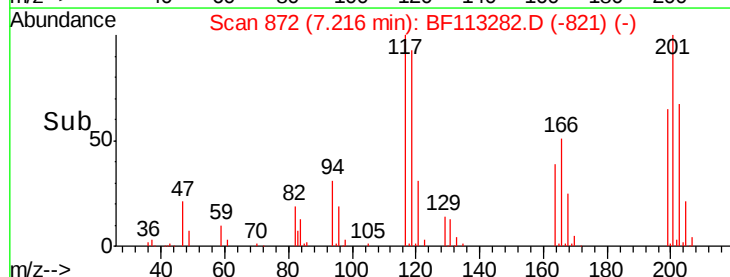
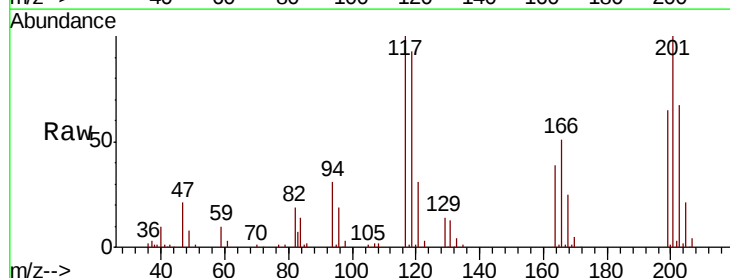
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

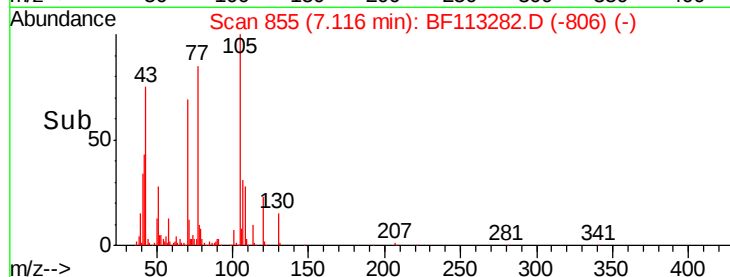
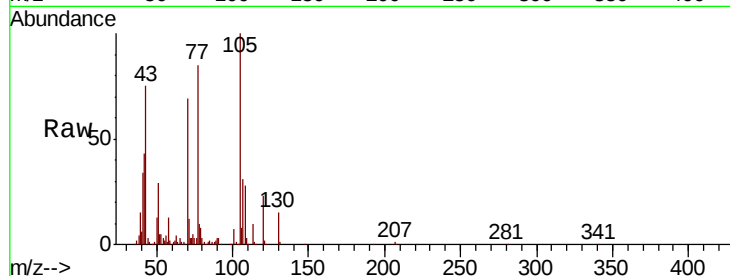
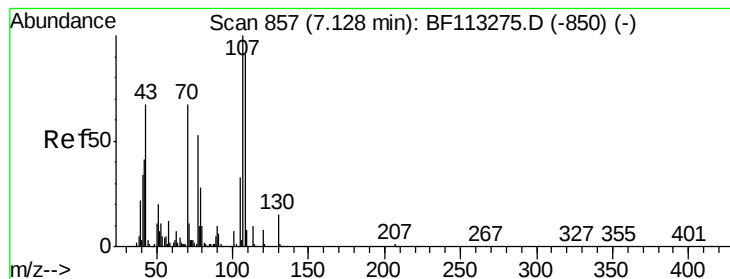
Tgt Ion:	107	Resp:	130077
Ion	Ratio	Lower	Upper
107	100		
108	116.6	93.4	140.0
77	45.6	41.2	61.8
79	45.0	40.1	60.1



#18
Hexachloroethane
Concen: 15.702 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:	117	Resp:	68302
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.9	115.3
201	100.4	78.7	118.1





#19

n-Nitroso-di-n-propylamine

Concen: 14.472 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 70 Resp: 115229

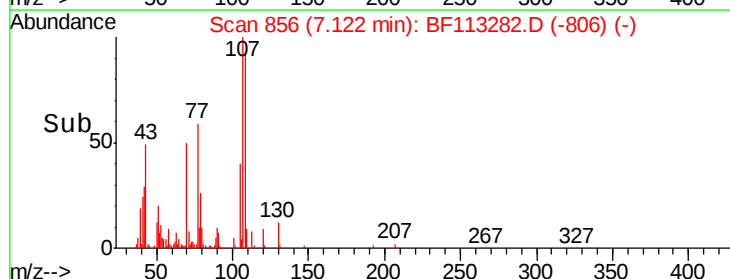
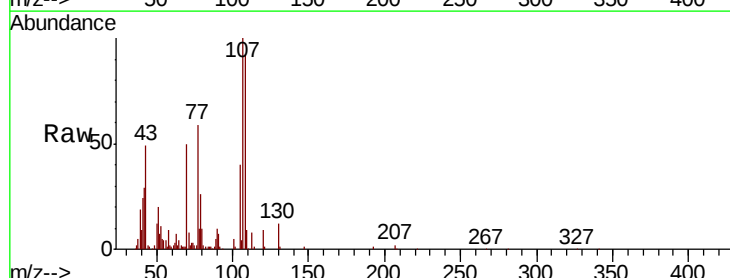
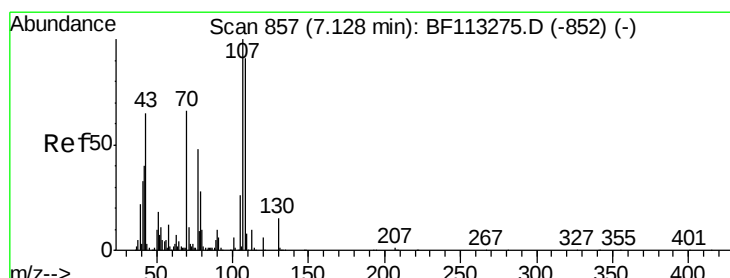
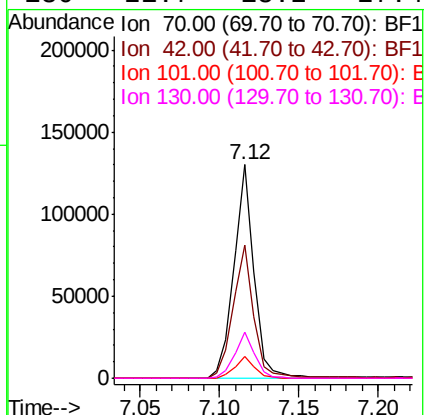
Ion Ratio Lower Upper

70 100

42 62.6 48.4 72.6

101 10.0 7.8 11.8

130 21.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 10.381 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Tgt Ion:107 Resp: 169064

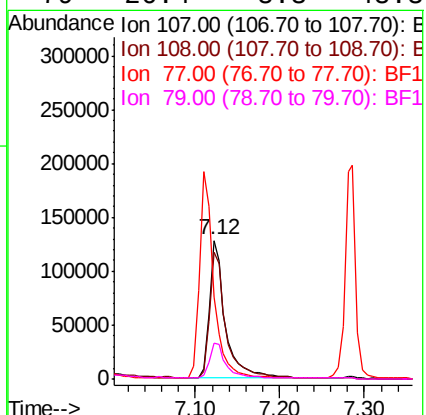
Ion Ratio Lower Upper

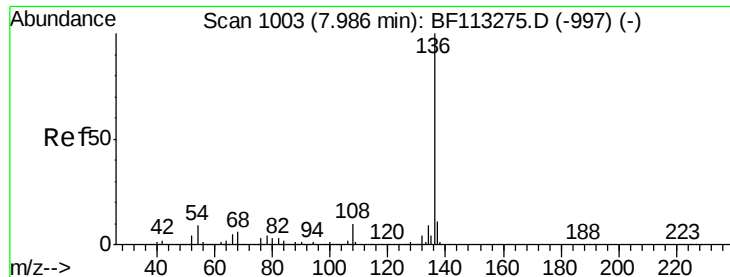
107 100

108 91.8 71.4 111.4

77 58.9 33.5 73.5

79 26.4 8.3 48.3

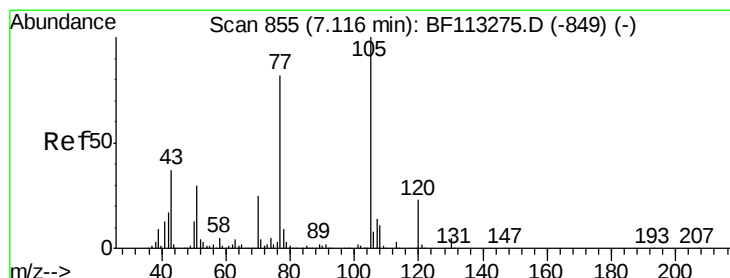
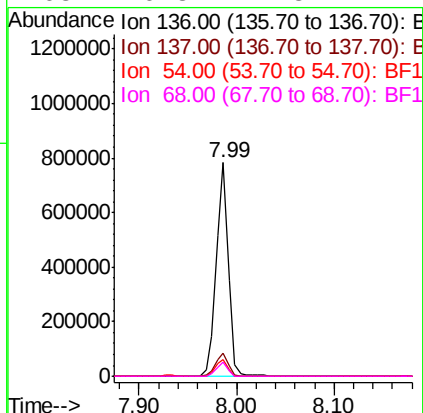
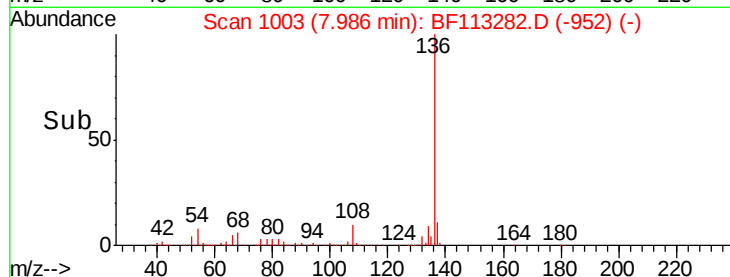
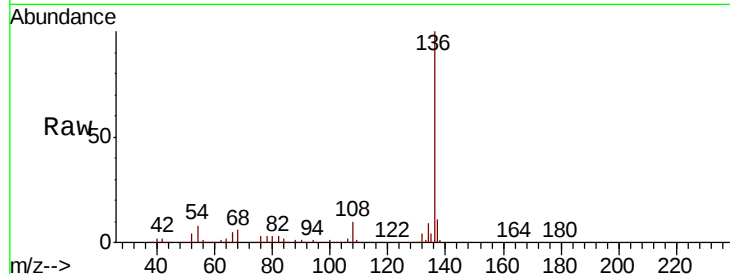




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

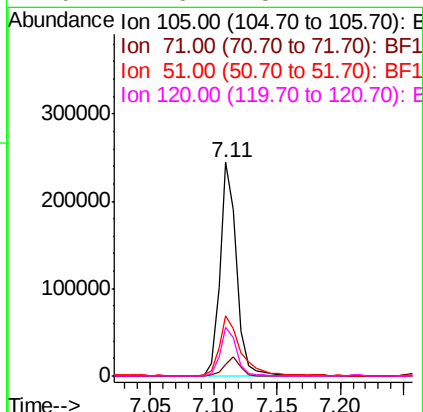
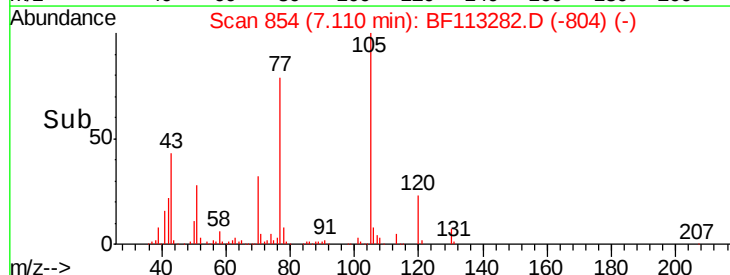
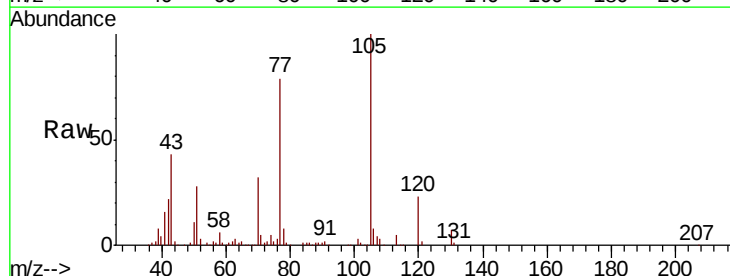
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

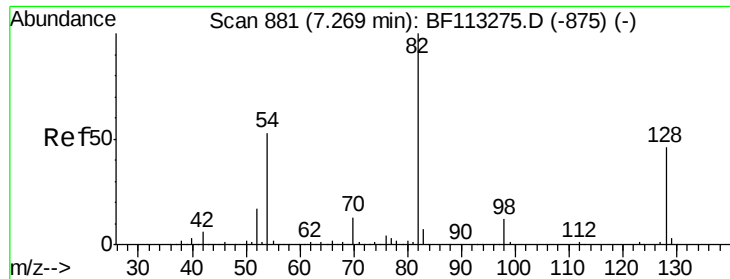
Tgt Ion:	136	Resp:	673214
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	7.0	10.6
68	6.3	4.8	7.2



#22
Acetophenone
Concen: 14.655 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:	105	Resp:	224997
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.3	4.9#
51	28.1	24.2	36.2
120	22.6	18.1	27.1

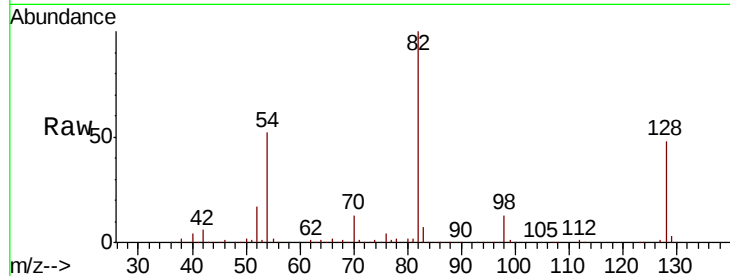




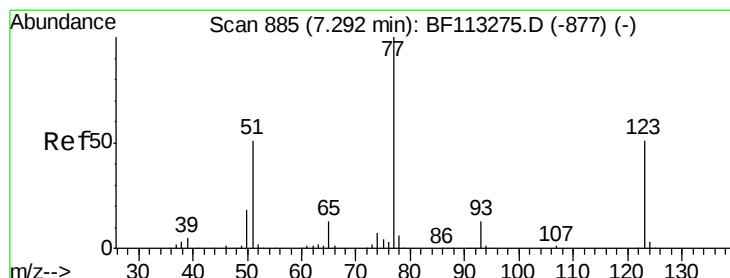
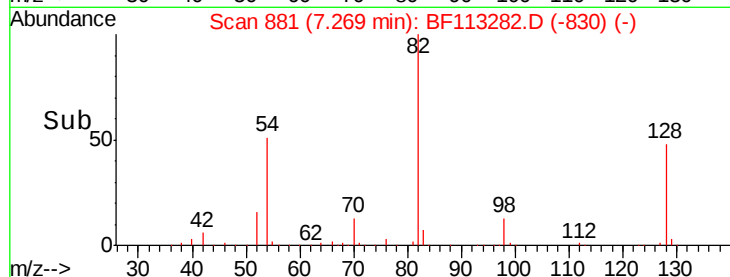
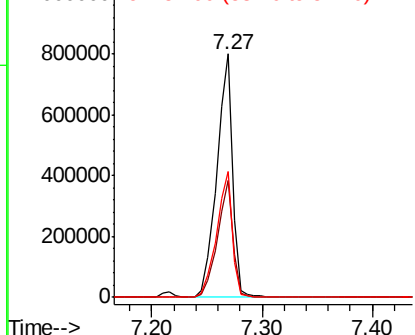
#23
 Nitrobenzene-d5
 Concen: 69.693 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 82 Resp: 790486
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.5 54.7
 54 51.7 42.2 63.2

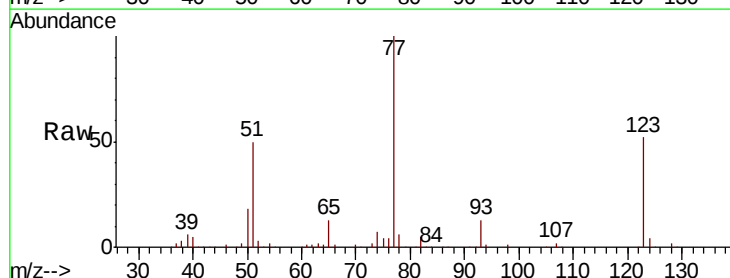


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

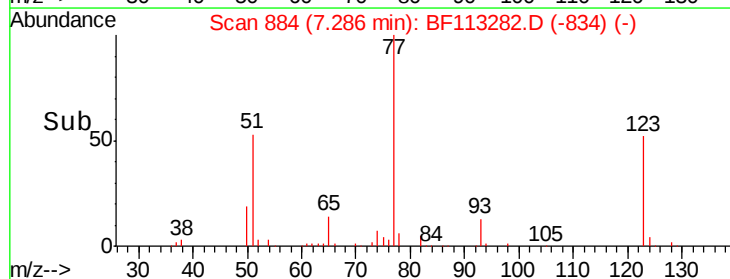
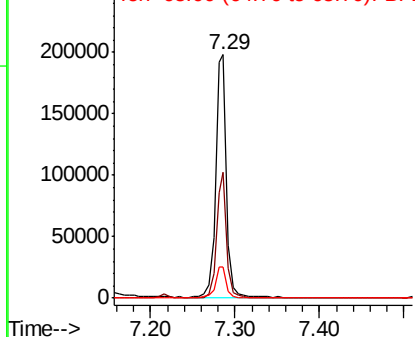


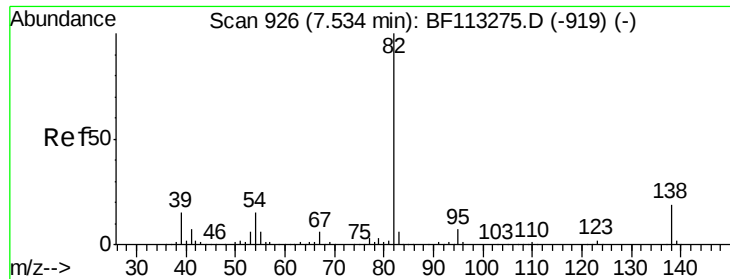
#24
 Nitrobenzene
 Concen: 15.524 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion: 77 Resp: 183741
 Ion Ratio Lower Upper
 77 100
 123 51.6 40.8 61.2
 65 13.0 10.6 16.0



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: 15.017 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

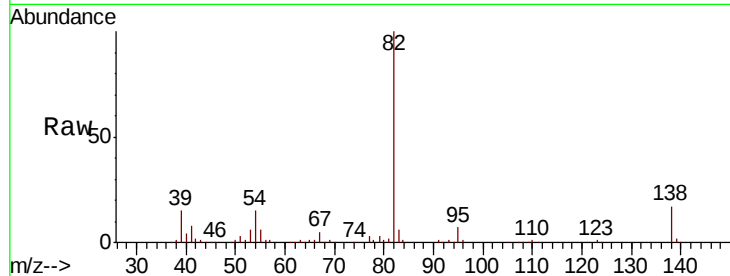
Tgt Ion: 82 Resp: 330096

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

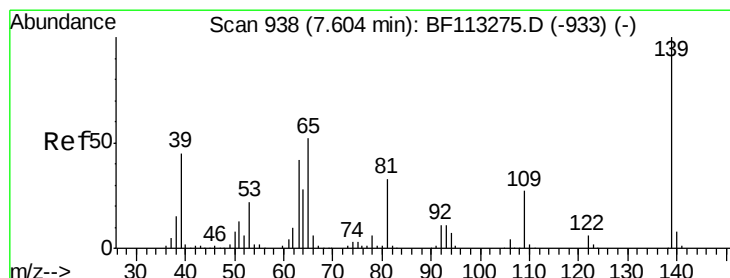
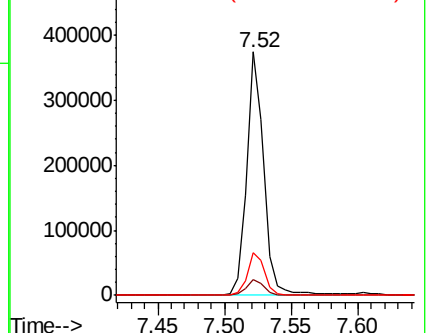
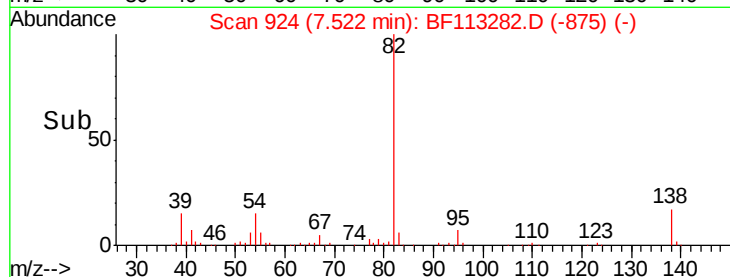
138 17.4 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 14.939 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

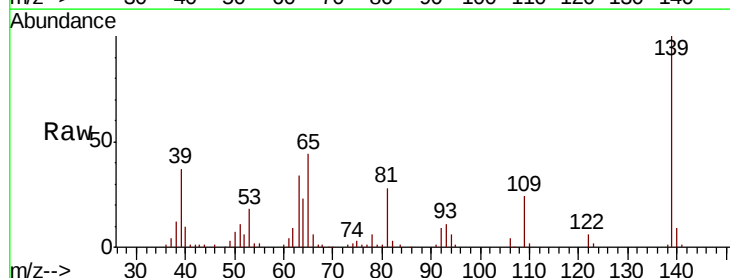
Tgt Ion: 139 Resp: 93463

Ion Ratio Lower Upper

139 100

109 23.7 21.7 32.5

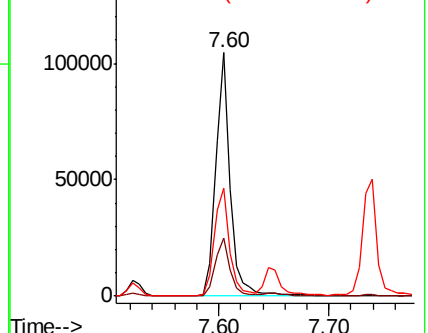
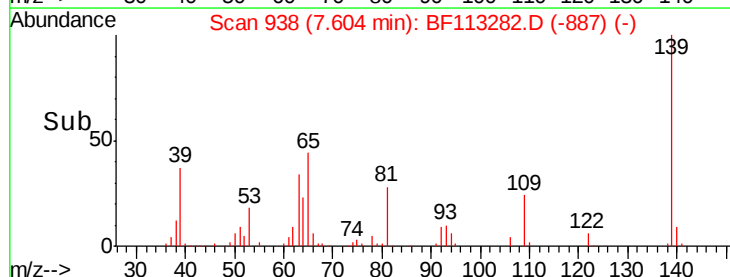
65 44.2 41.6 62.4

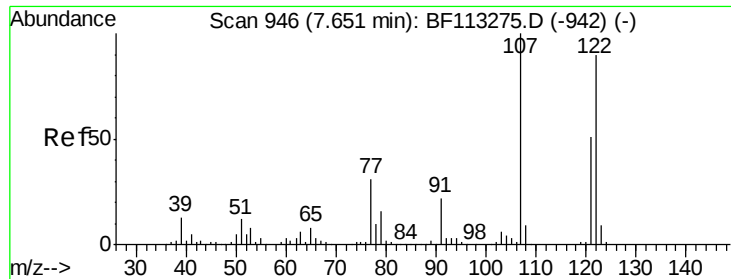


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

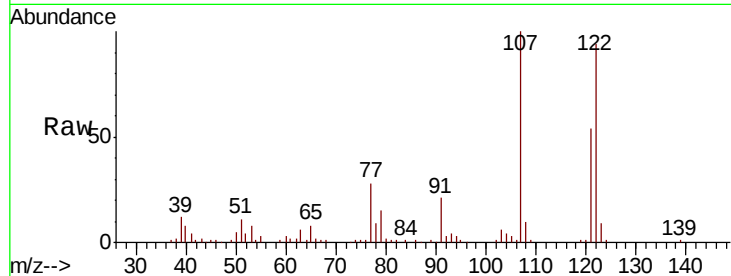




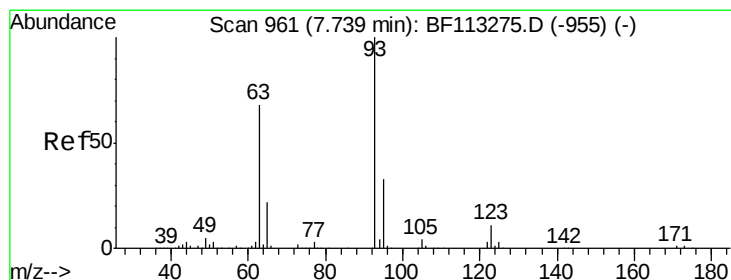
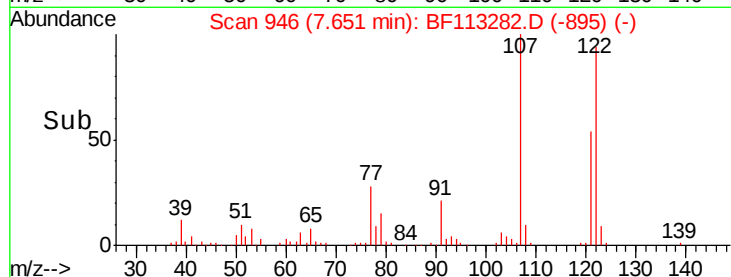
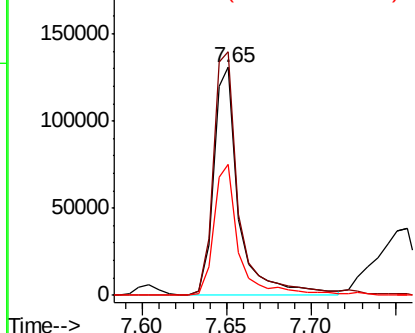
#27
2,4-Dimethylphenol
Concen: 15.162 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 122 Resp: 136454
Ion Ratio Lower Upper
122 100
107 106.9 88.8 133.2
121 57.2 45.5 68.3

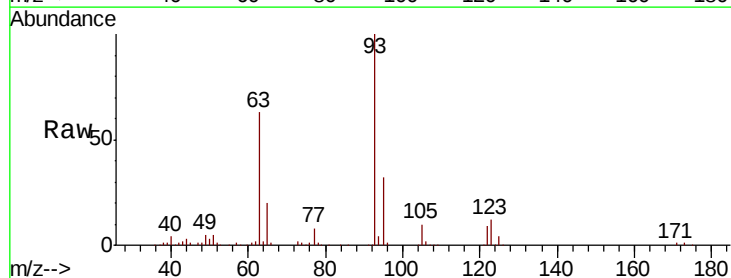


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

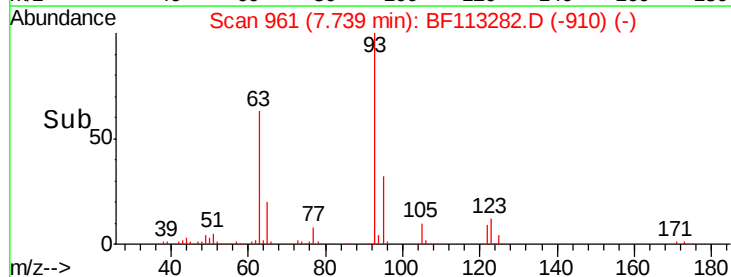
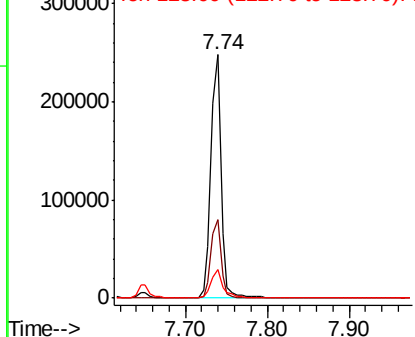


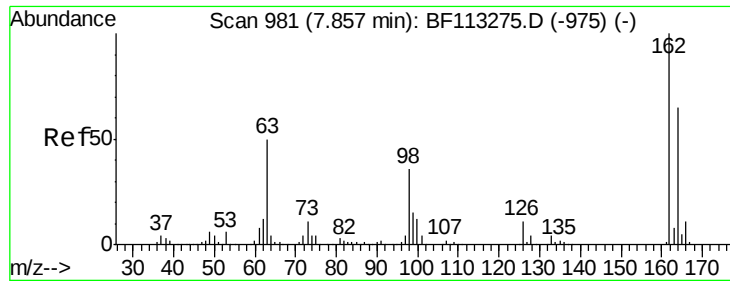
#28
bis(2-Chloroethoxy)methane
Concen: 15.566 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 93 Resp: 215469
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.8 9.1 13.7



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

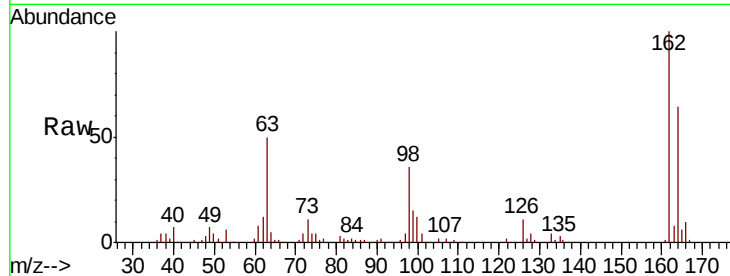




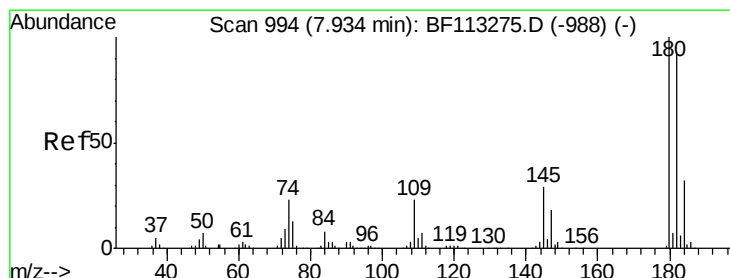
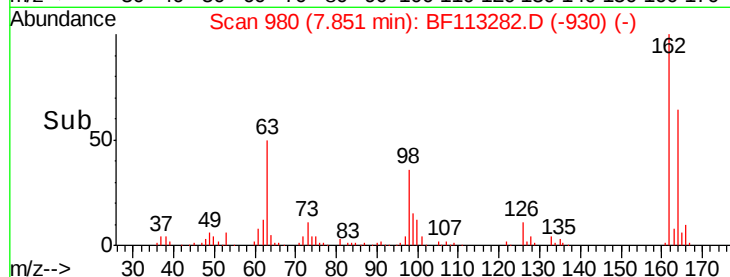
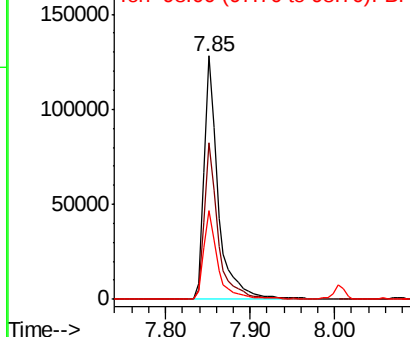
#29
2,4-Dichlorophenol
Concen: 15.246 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:162 Resp: 148682
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 36.2 15.6 55.6

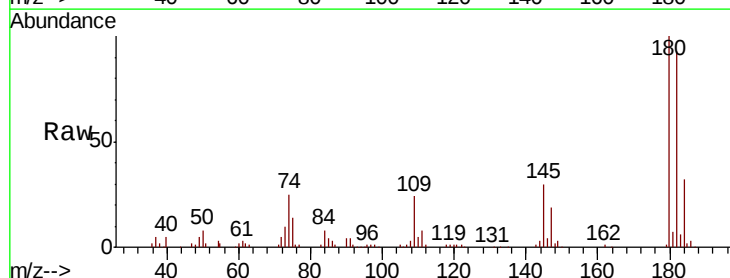


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

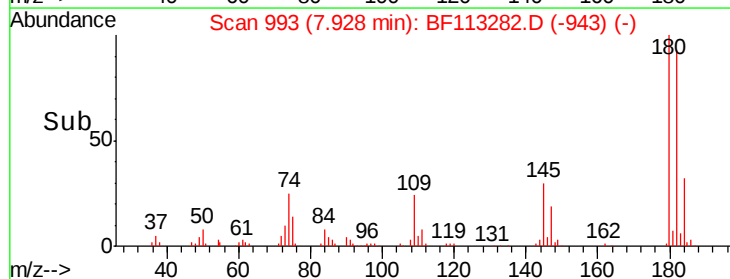
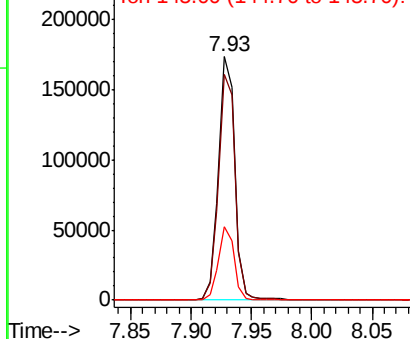


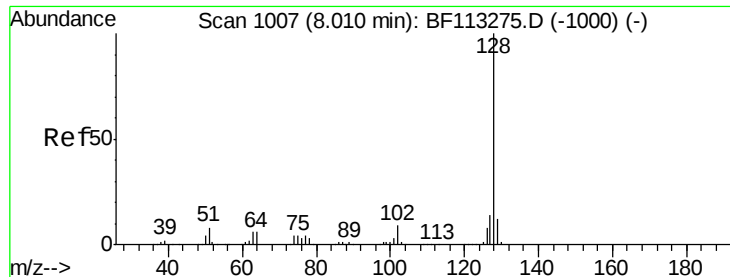
#30
1,2,4-Trichlorobenzene
Concen: 15.360 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:180 Resp: 161618
Ion Ratio Lower Upper
180 100
182 92.9 74.6 111.8
145 30.0 23.4 35.0



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

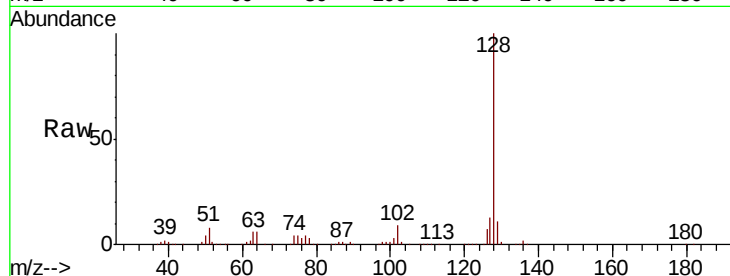




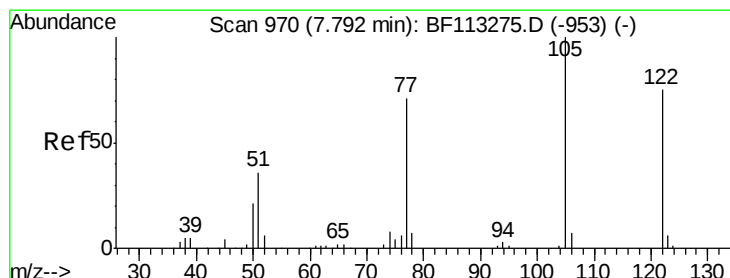
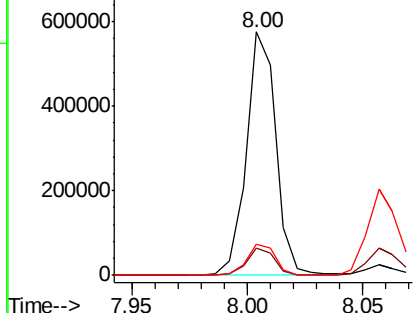
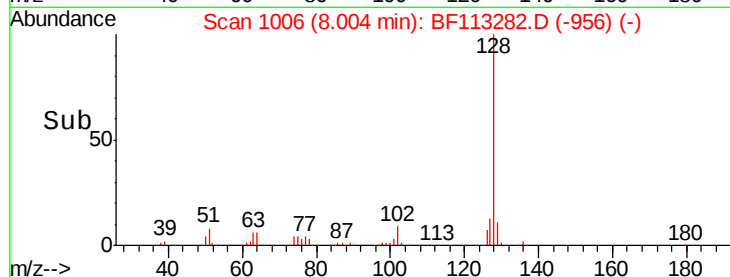
#31
Naphthalene
Concen: 15.701 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:128 Resp: 516551
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.9 16.3

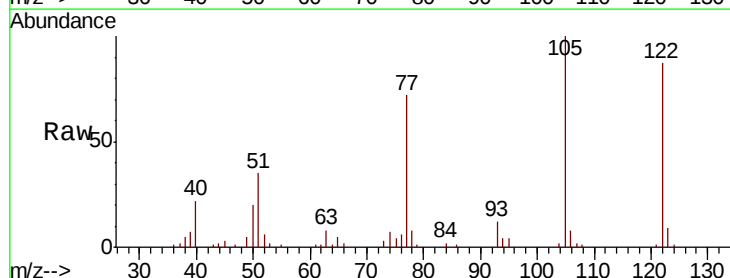


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

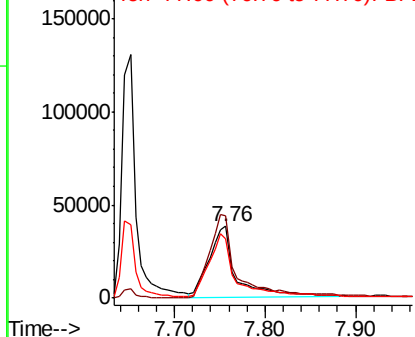
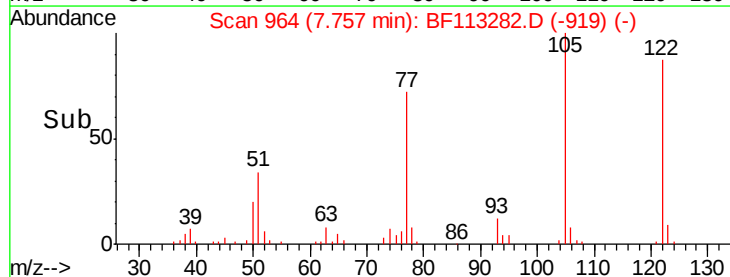


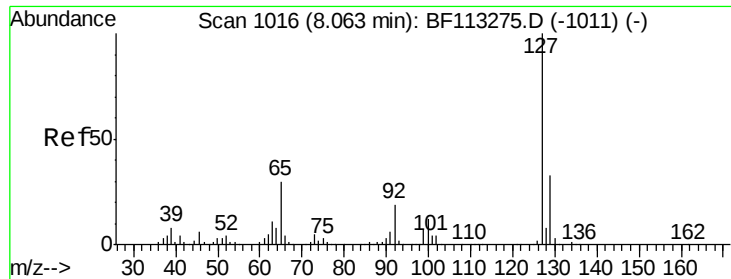
#32
Benzoic acid
Concen: 10.755 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:122 Resp: 77908
Ion Ratio Lower Upper
122 100
105 114.5 100.4 140.4
77 82.9 69.0 109.0



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

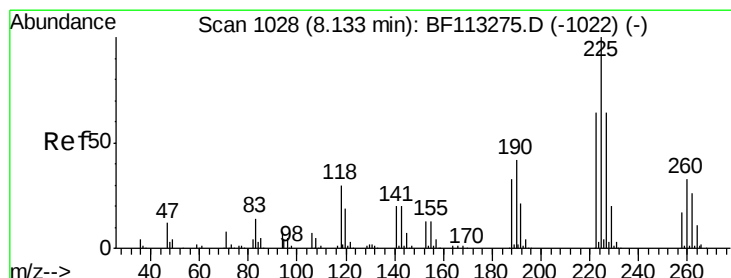
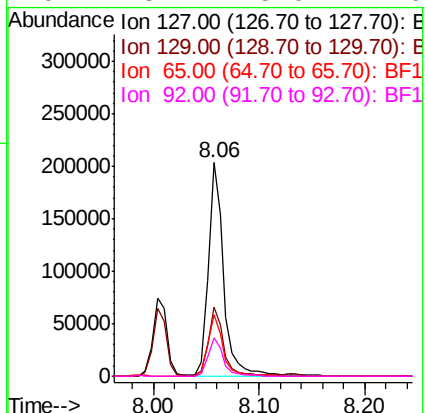
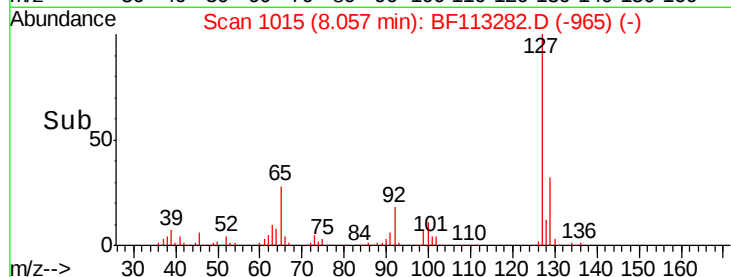
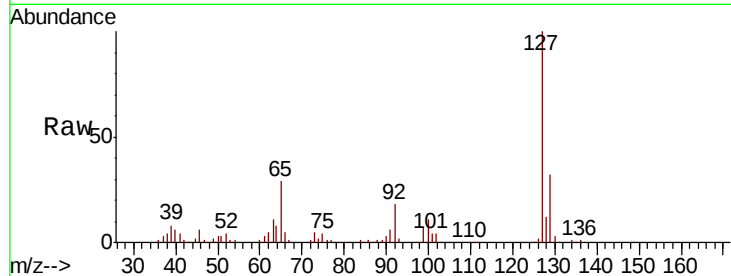




#33
4-Chloroaniline
Concen: 15.988 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

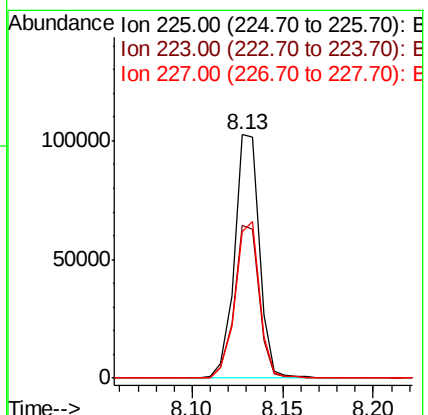
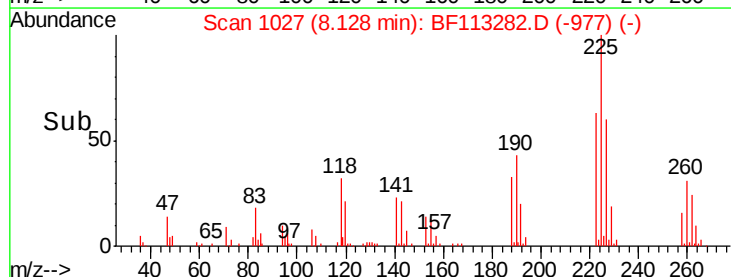
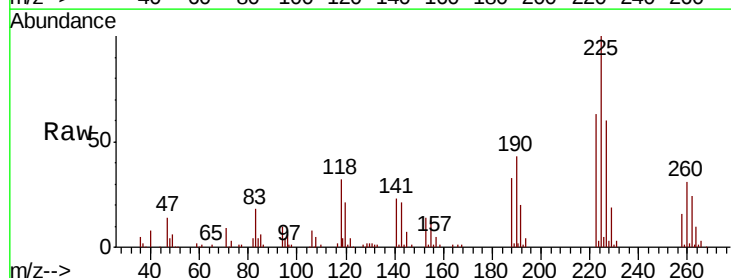
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

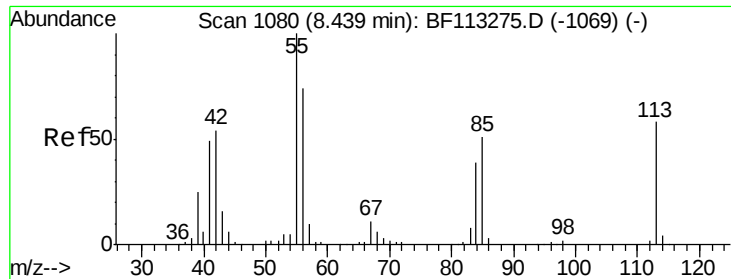
Tgt Ion:	127	Resp:	205100
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	28.9	24.2	36.4
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 15.703 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:	225	Resp:	98205
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	60.1	51.1	76.7

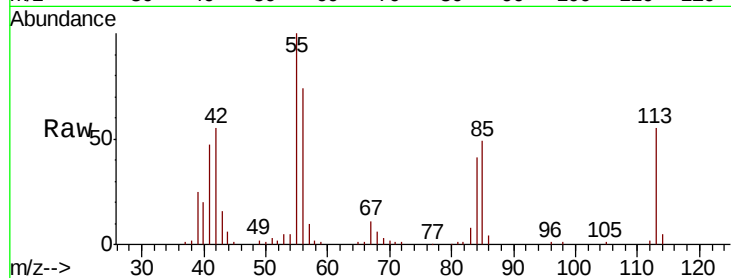




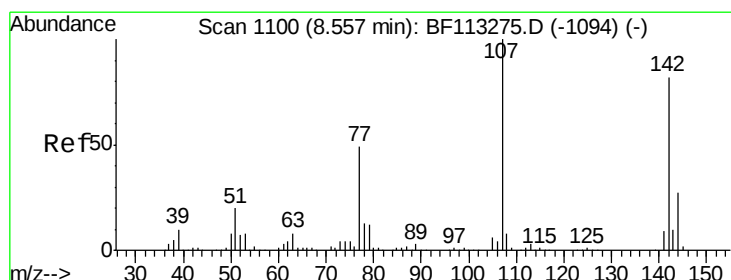
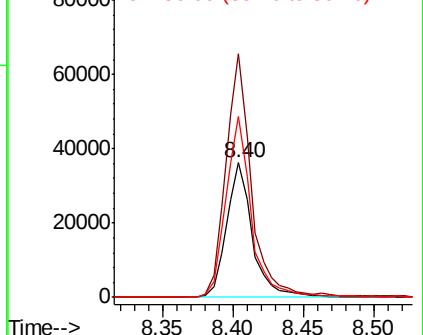
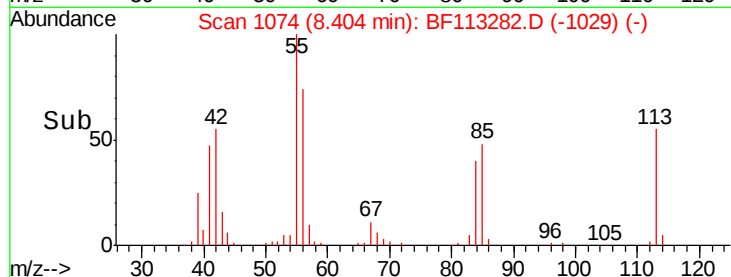
#35
 Caprolactam
 Concen: 14.594 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.04 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:113 Resp: 45679
 Ion Ratio Lower Upper
 113 100
 55 181.2 152.7 192.7
 56 134.9 108.3 148.3

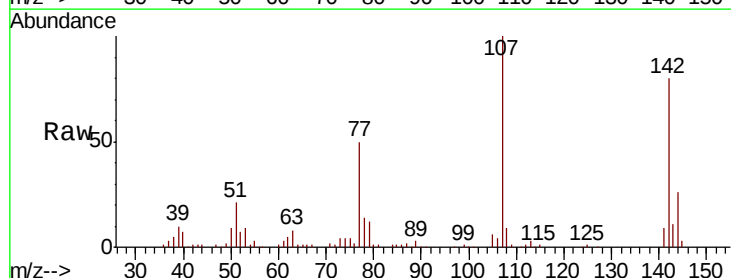


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

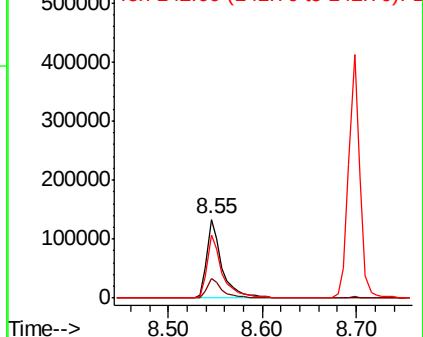
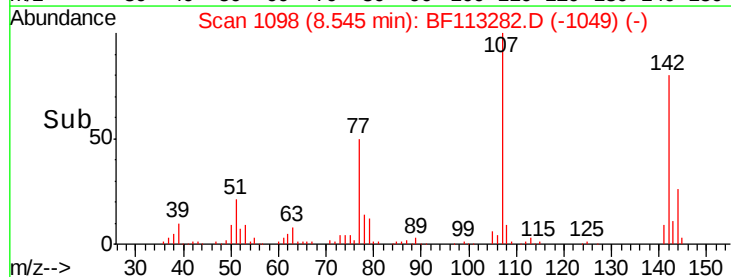


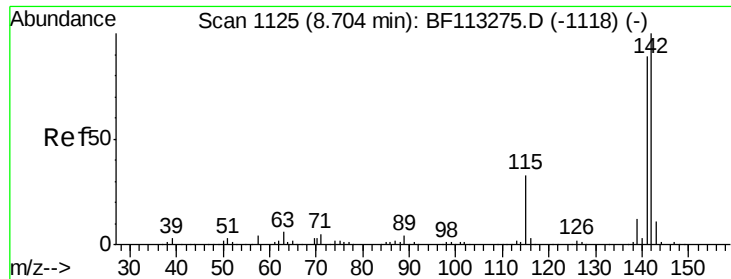
#36
 4-Chloro-3-methylphenol
 Concen: 15.393 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:107 Resp: 150991
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.4 32.0
 142 79.9 65.6 98.4



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

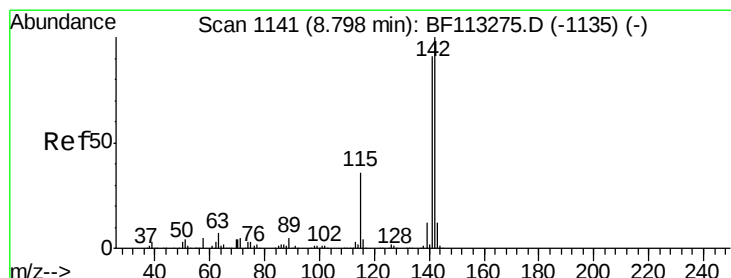
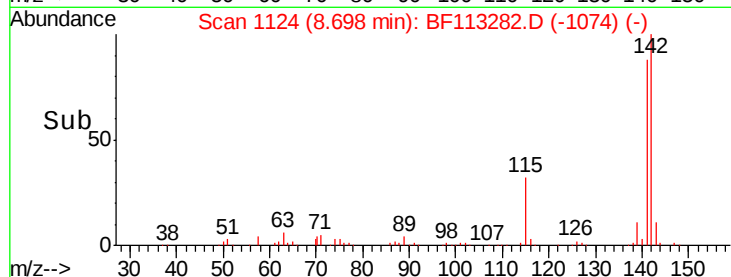
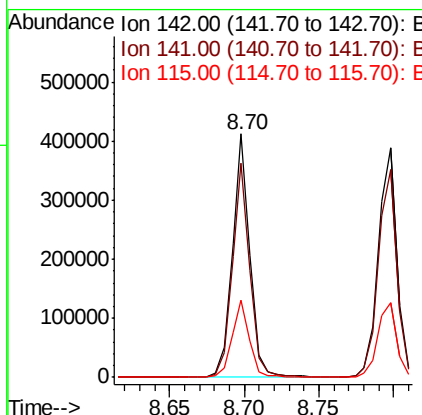
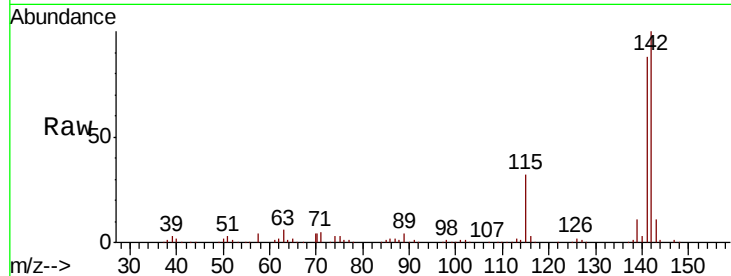




#37
2-Methylnaphthalene
Concen: 16.577 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

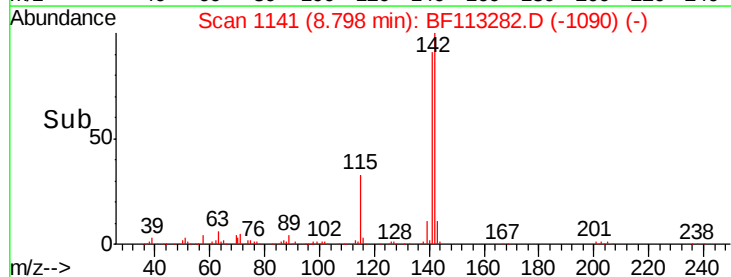
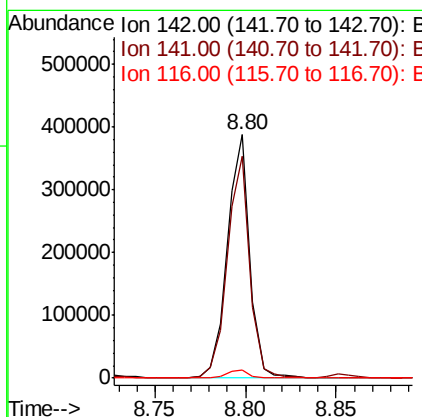
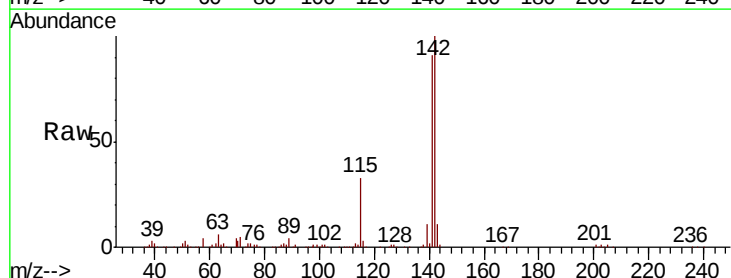
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

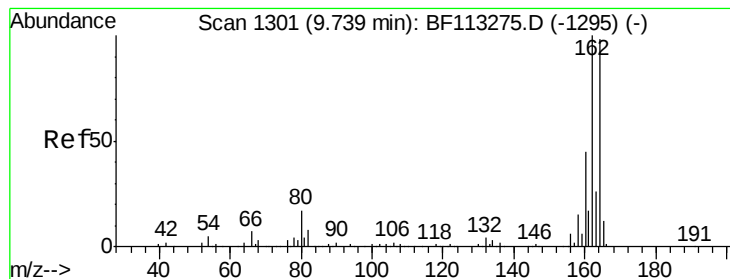
Tgt Ion:142 Resp: 340284
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 31.7 26.6 39.8



#38
1-Methylnaphthalene
Concen: 16.638 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:142 Resp: 328511
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

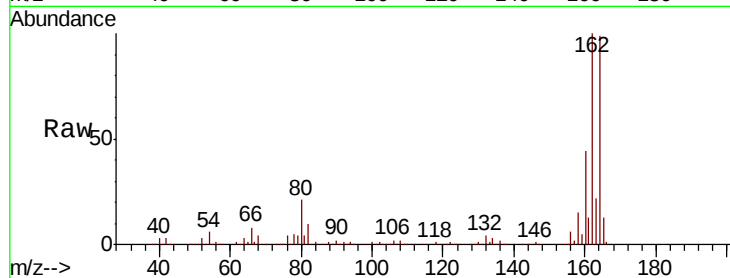
Tgt Ion:164 Resp: 329759

Ion Ratio Lower Upper

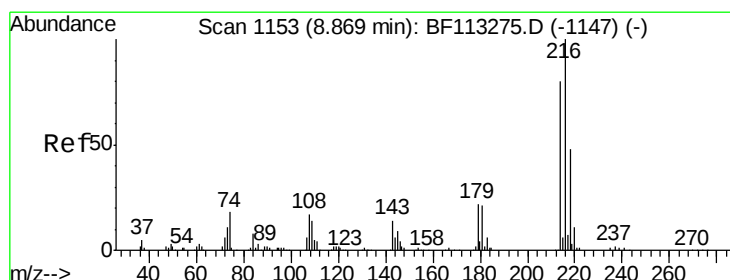
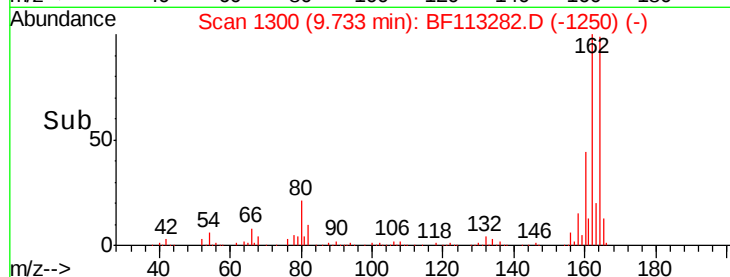
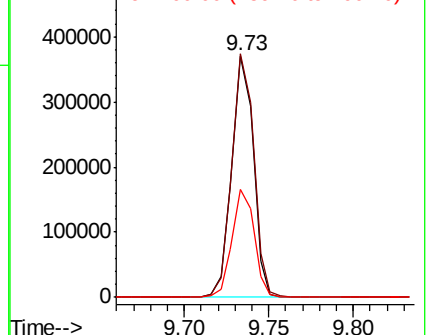
164 100

162 100.8 81.8 122.6

160 44.5 36.4 54.6



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: 15.327 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Tgt Ion:216 Resp: 162242

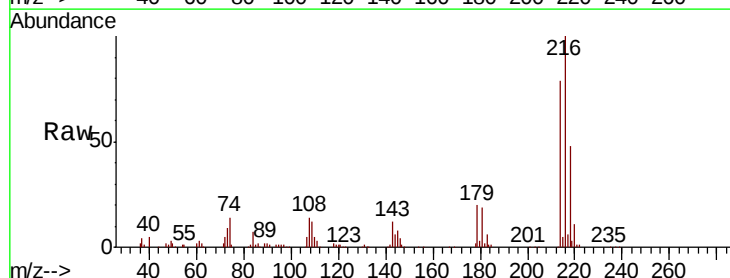
Ion Ratio Lower Upper

216 100

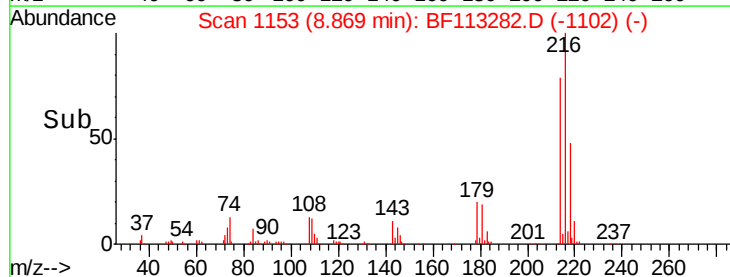
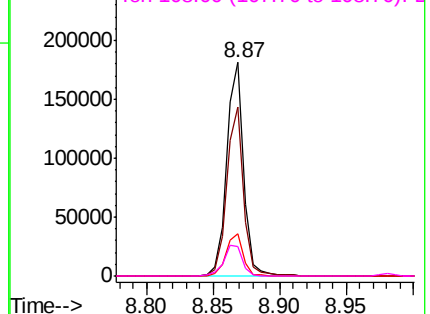
214 78.6 63.0 94.6

179 19.8 16.8 25.2

108 16.1 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.272 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

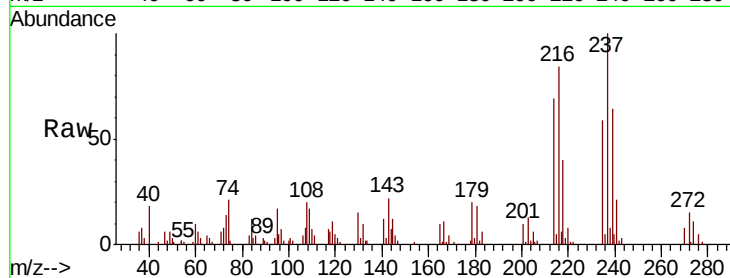
Tgt Ion:237 Resp: 41541

Ion Ratio Lower Upper

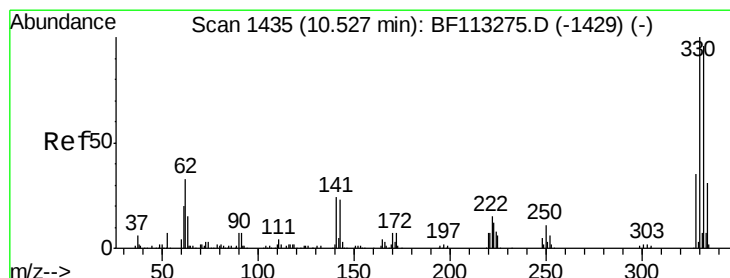
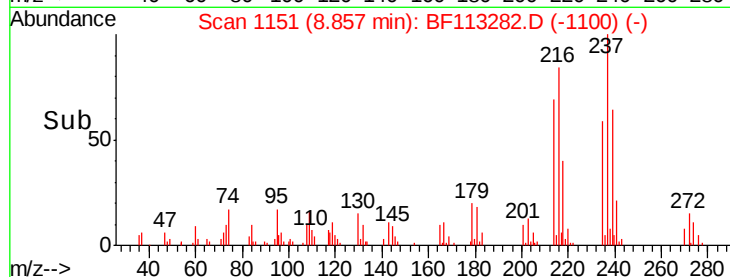
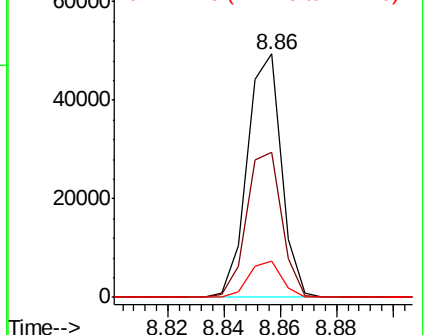
237 100

235 59.3 43.4 83.4

272 15.1 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 105.515 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

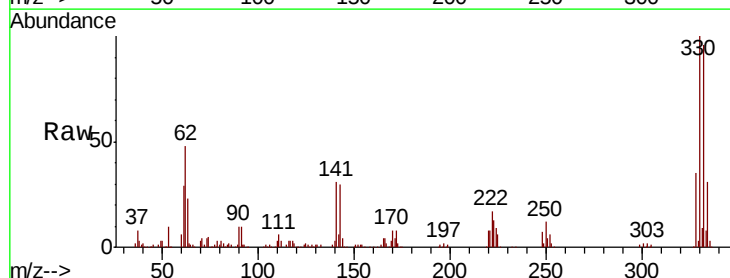
Tgt Ion:330 Resp: 429793

Ion Ratio Lower Upper

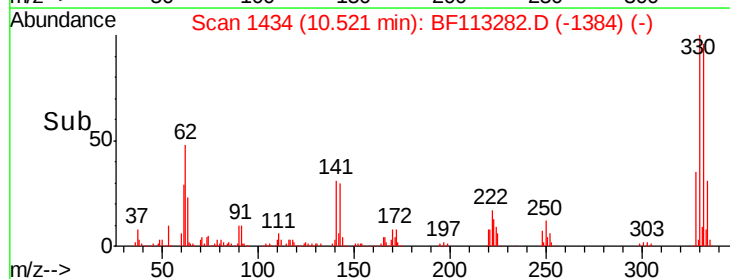
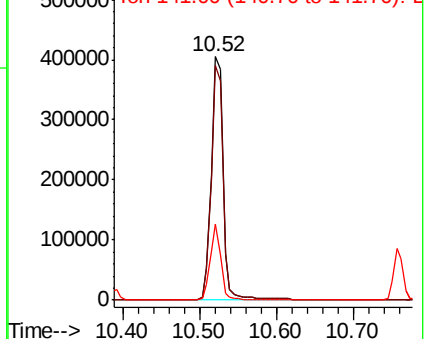
330 100

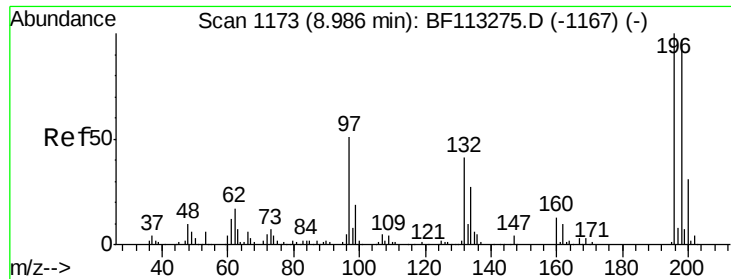
332 96.4 77.8 116.6

141 28.4 22.7 34.1



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

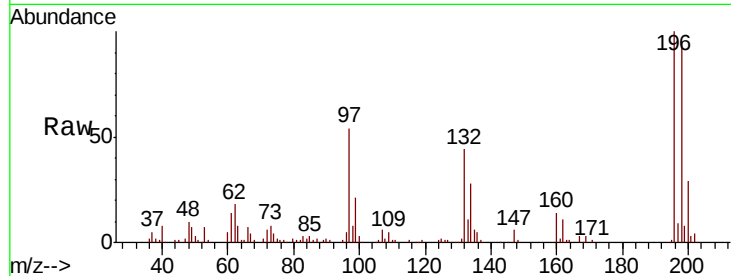




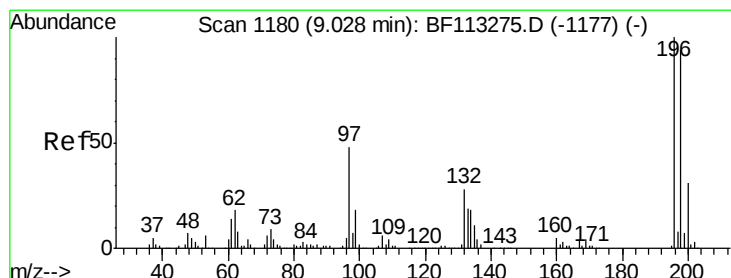
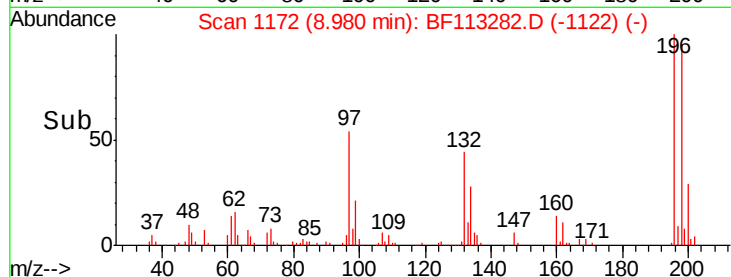
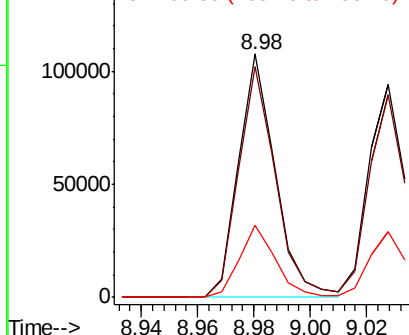
#43
 2,4,6-Trichlorophenol
 Concen: 14.075 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:196 Resp: 97018
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.7 116.5
 200 29.4 24.9 37.3



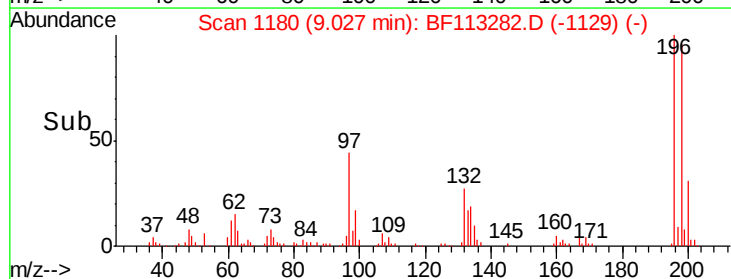
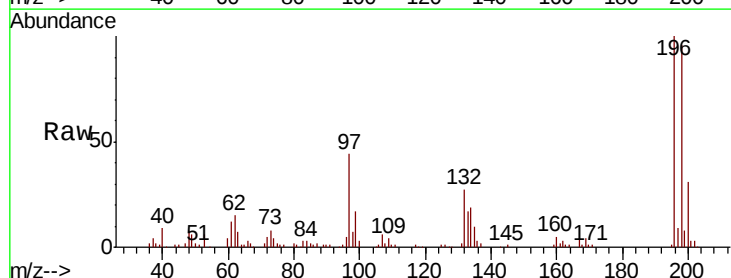
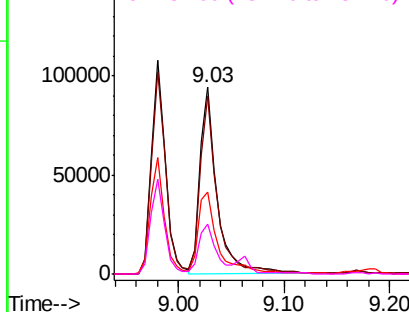
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

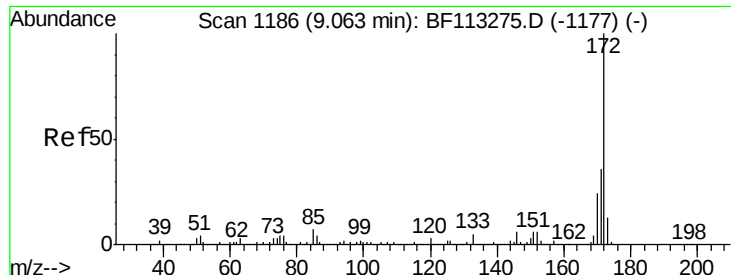


#44
 2,4,5-Trichlorophenol
 Concen: 13.692 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:196 Resp: 104450
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.4 113.2
 97 44.0 38.6 58.0
 132 26.8 22.9 34.3

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

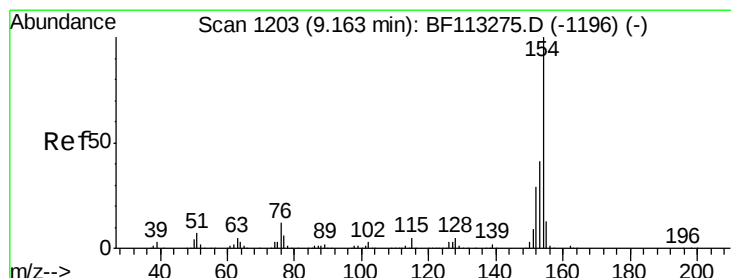
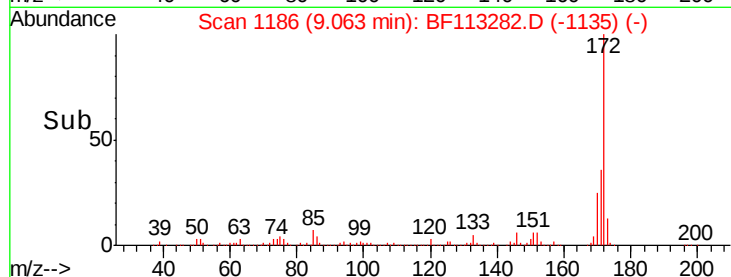
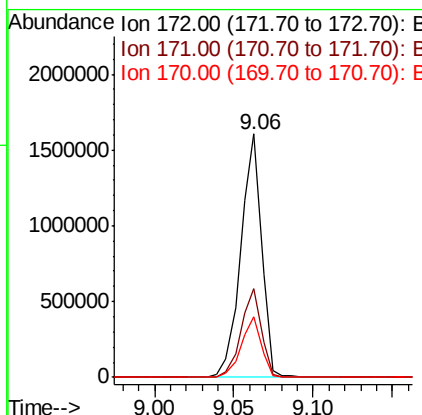
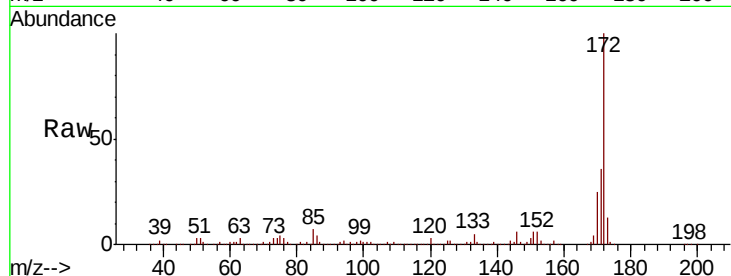




#45
 2-Fluorobiphenyl
 Concen: 65.376 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

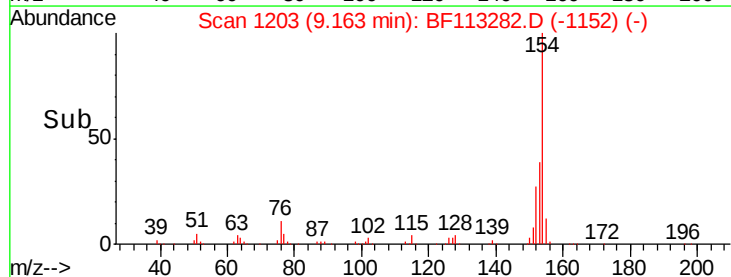
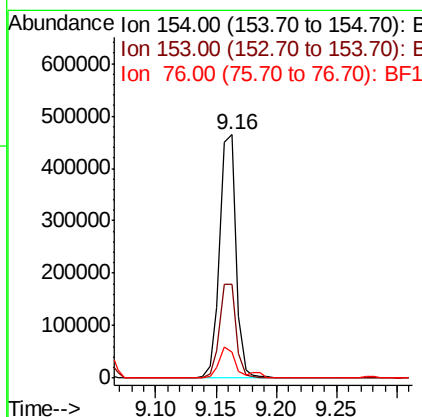
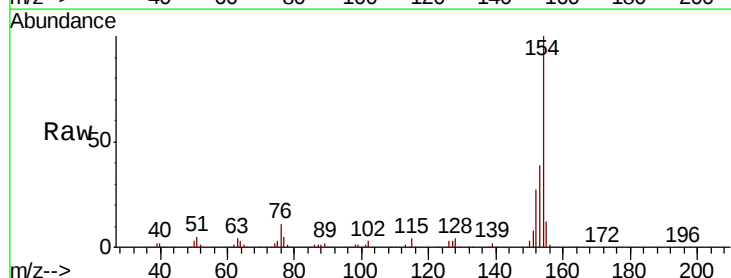
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

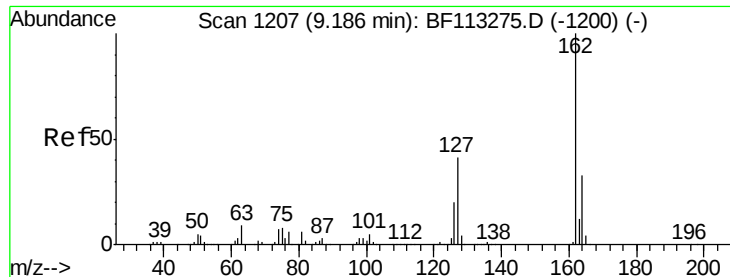
Tgt Ion:172 Resp: 1461116
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.9 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 15.719 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:154 Resp: 432931
 Ion Ratio Lower Upper
 154 100
 153 38.6 20.8 60.8
 76 10.6 0.0 31.9

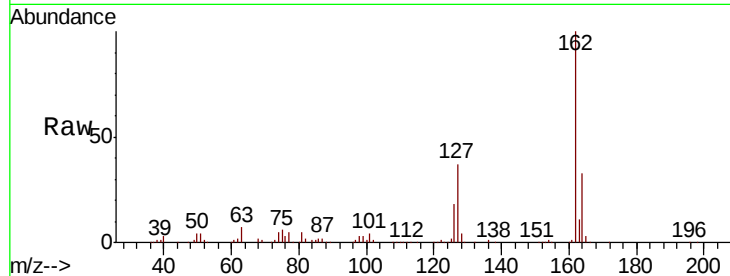




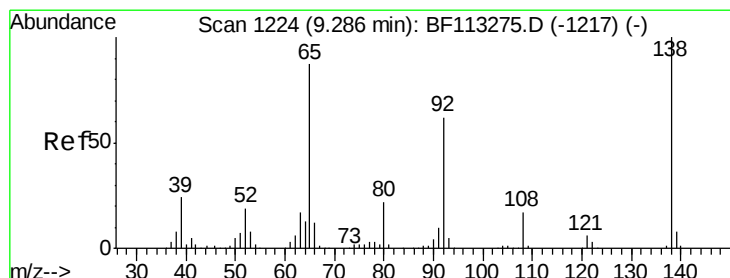
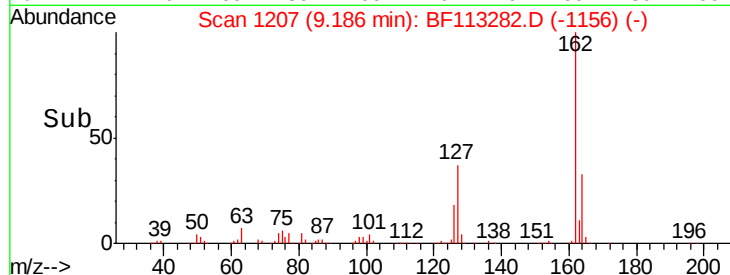
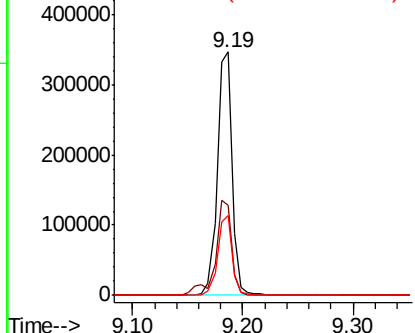
#47
2-Chloronaphthalene
Concen: 15.232 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	32.6	49.0
164	33.0	26.6	39.8

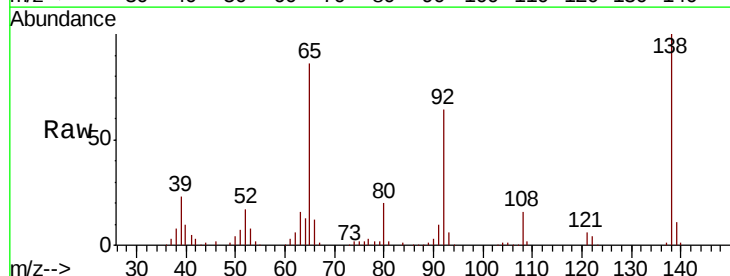


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

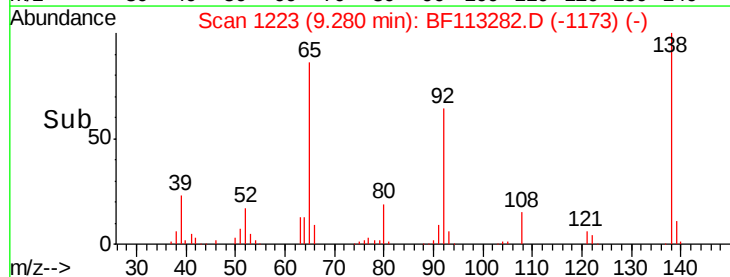
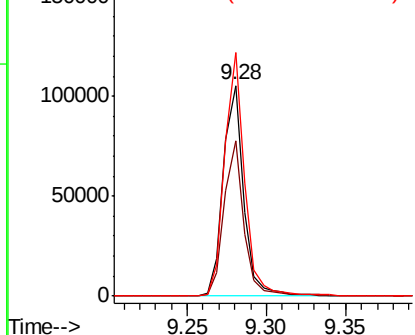


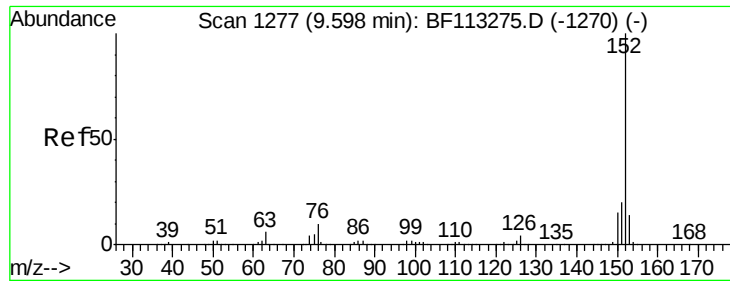
#48
2-Nitroaniline
Concen: 14.201 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	56.8	85.2
138	115.7	92.3	138.5



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: 15.809 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

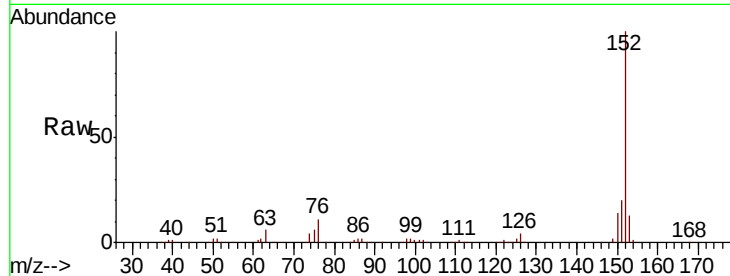
Tgt Ion:152 Resp: 542040

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

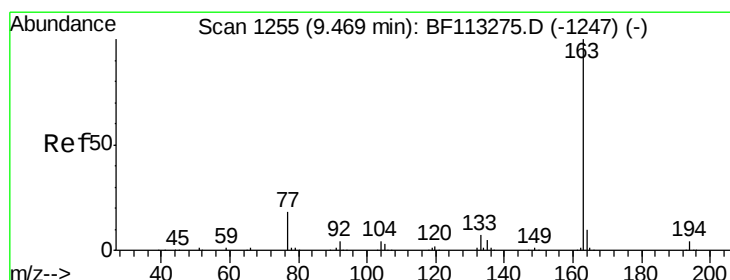
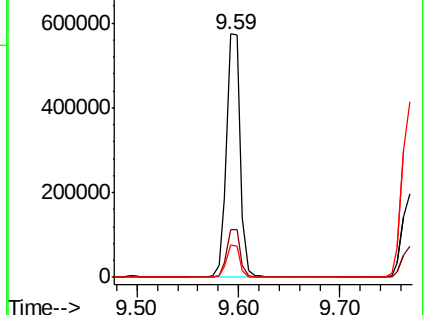
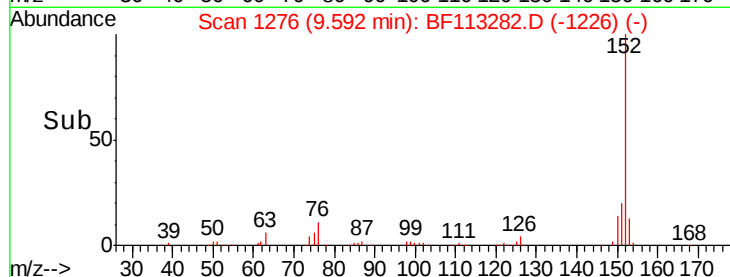
153 13.5 11.0 16.6



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: 15.052 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

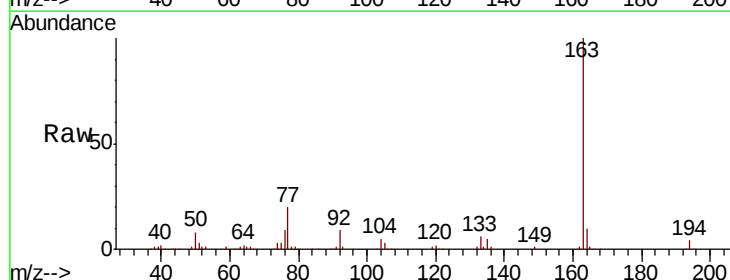
Tgt Ion:163 Resp: 367829

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

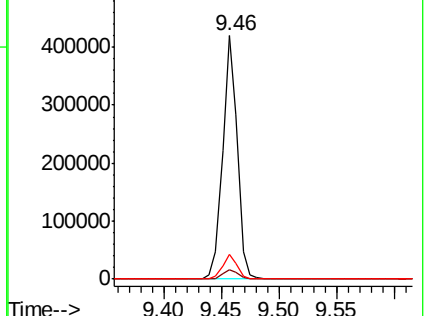
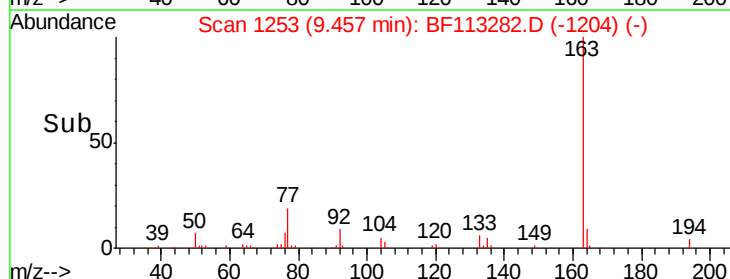
164 10.1 8.1 12.1

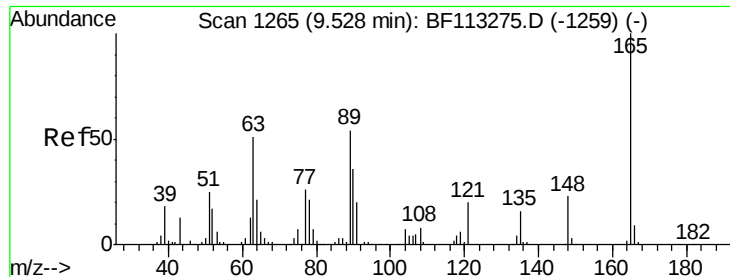


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 14.792 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

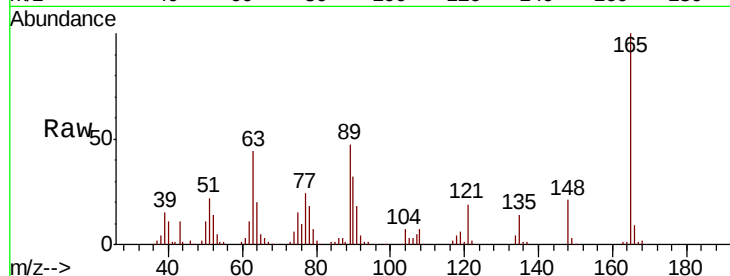
Tgt Ion:165 Resp: 81547

Ion Ratio Lower Upper

165 100

63 44.0 43.4 65.0

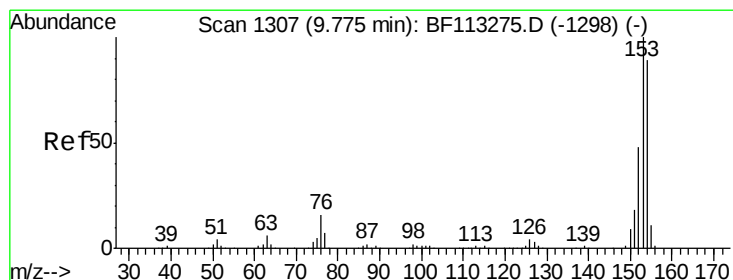
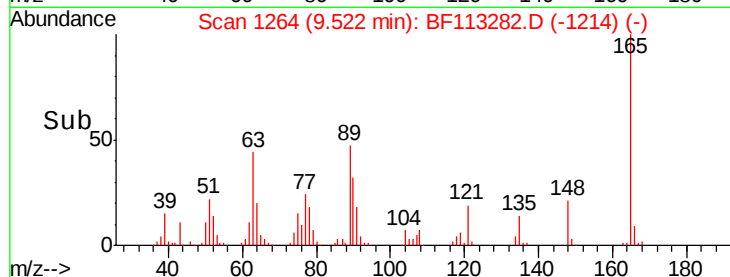
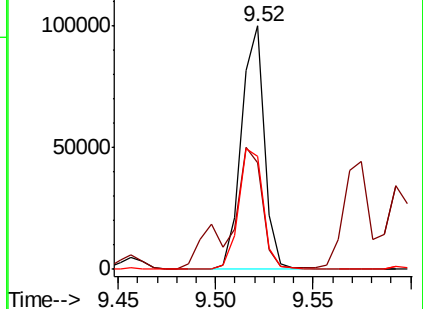
89 46.5 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 15.604 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

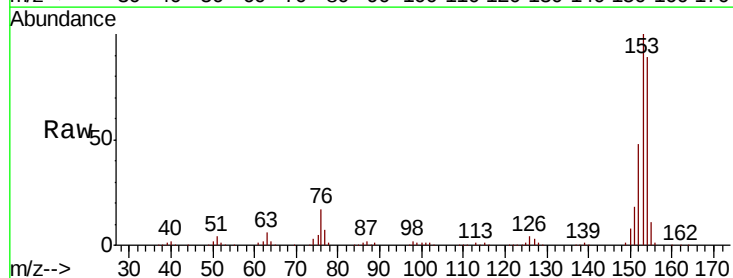
Tgt Ion:154 Resp: 301293

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

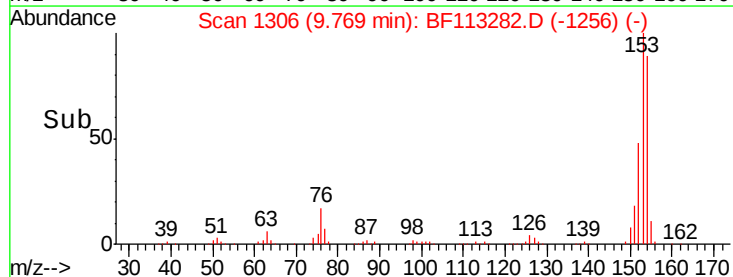
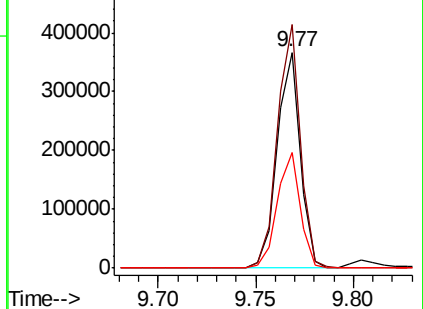
152 53.8 43.3 64.9

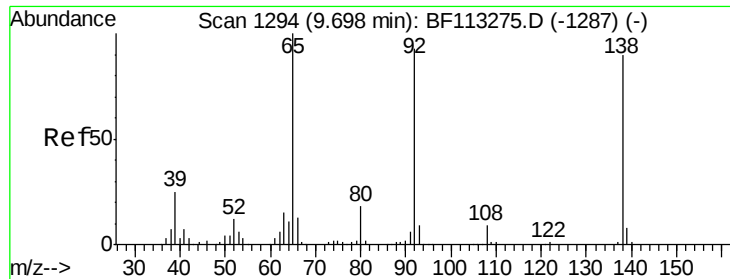


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

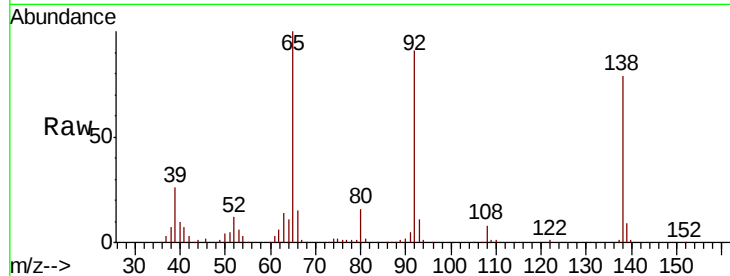




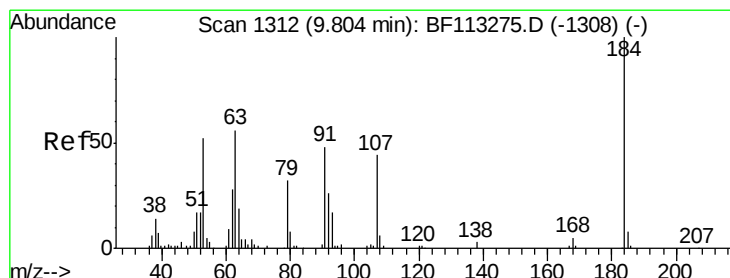
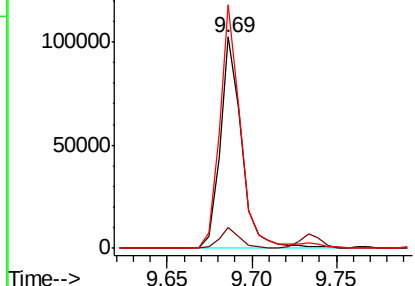
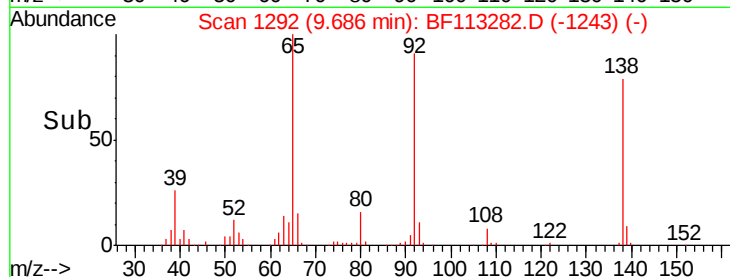
#53
3-Nitroaniline
Concen: 14.540 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:138 Resp: 90401
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 115.3 82.6 124.0

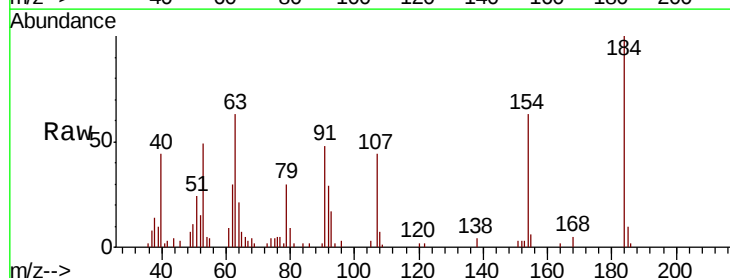


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

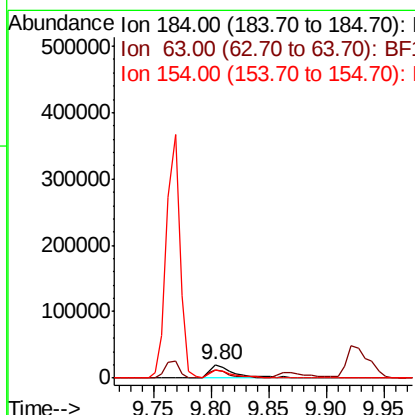
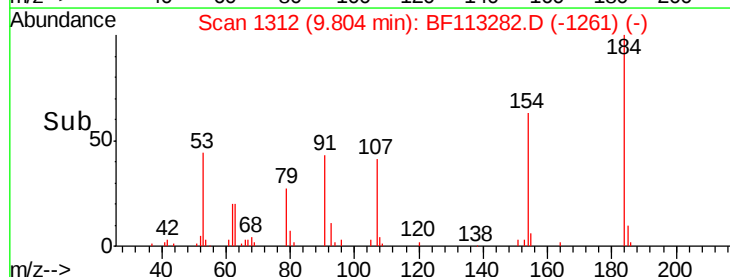


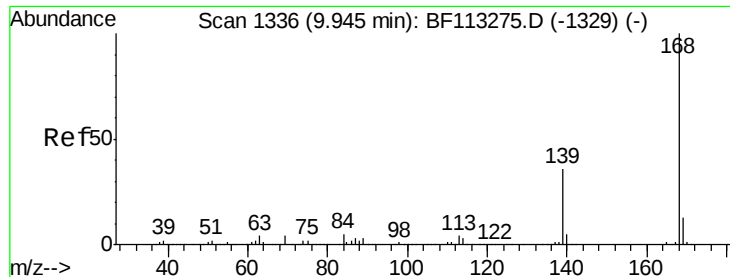
#54
2,4-Dinitrophenol
Concen: 11.016 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:184 Resp: 30207
Ion Ratio Lower Upper
184 100
63 62.6 54.3 81.5
154 62.8 48.4 72.6



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

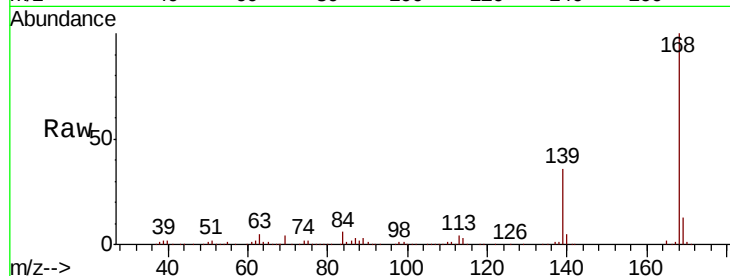




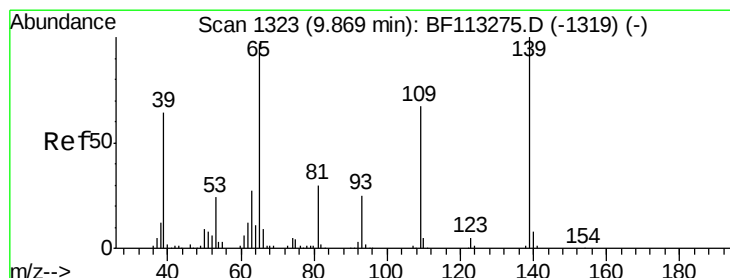
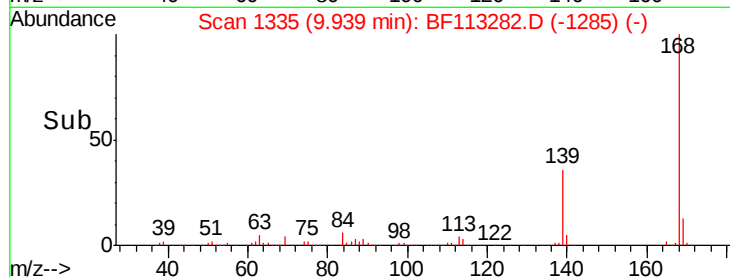
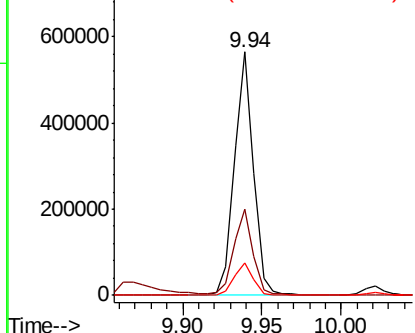
#55
Dibenzofuran
Concen: 16.218 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:168 Resp: 470766
Ion Ratio Lower Upper
168 100
139 35.6 29.7 44.5
169 13.2 10.7 16.1

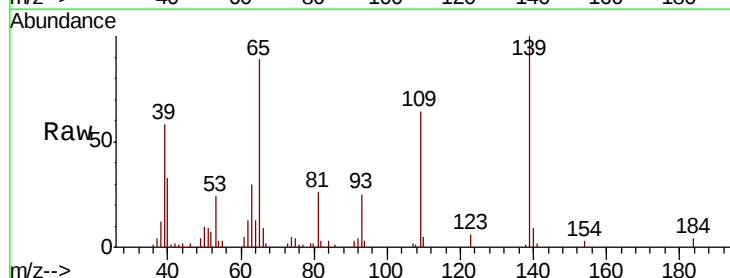


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

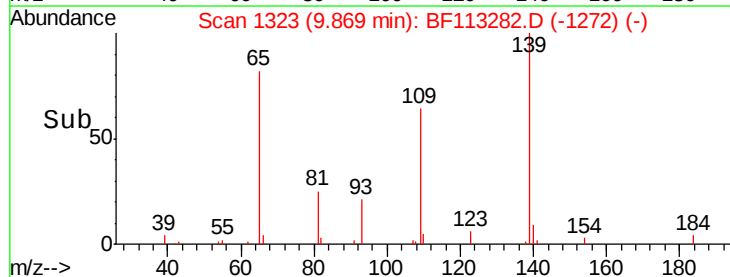
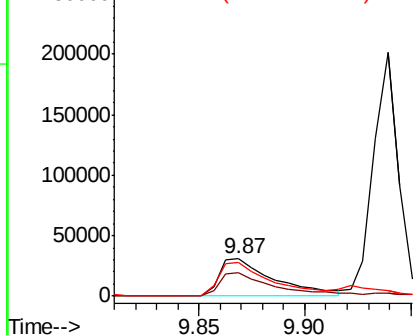


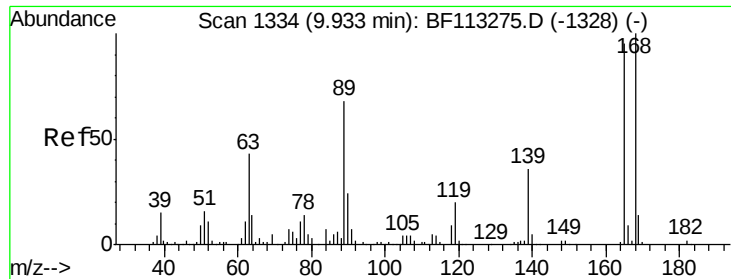
#56
4-Nitrophenol
Concen: 12.467 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:139 Resp: 55261
Ion Ratio Lower Upper
139 100
109 64.2 46.9 86.9
65 89.5 77.2 117.2



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

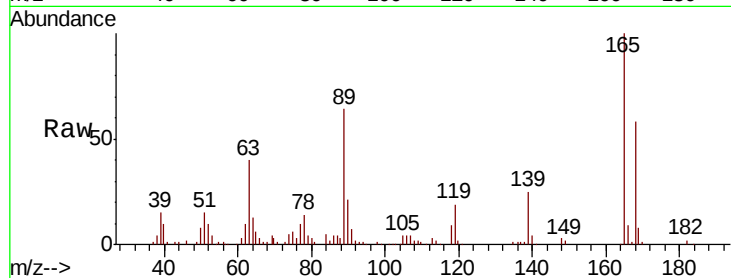




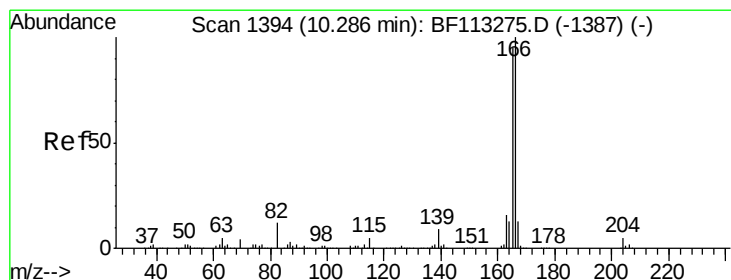
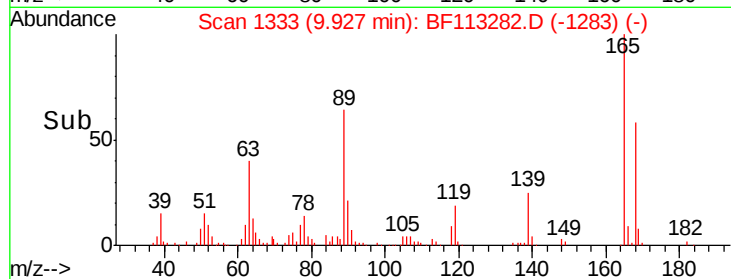
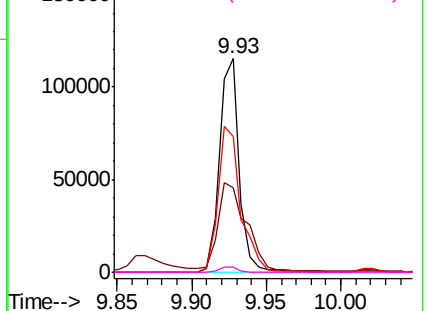
#57
2,4-Dinitrotoluene
Concen: 15.334 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:165 Resp: 107504
Ion Ratio Lower Upper
165 100
63 39.7 37.5 56.3
89 63.6 57.4 86.2
182 2.4 2.0 3.0

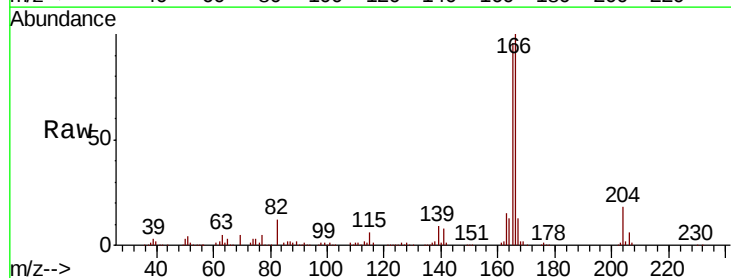


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

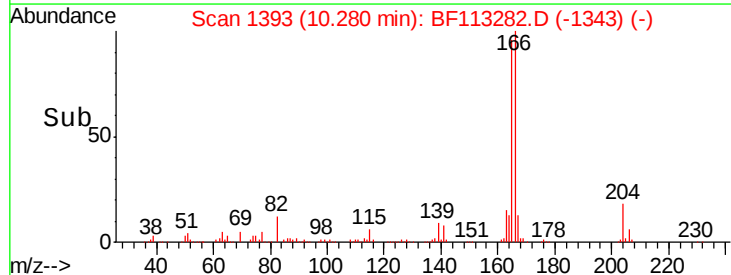
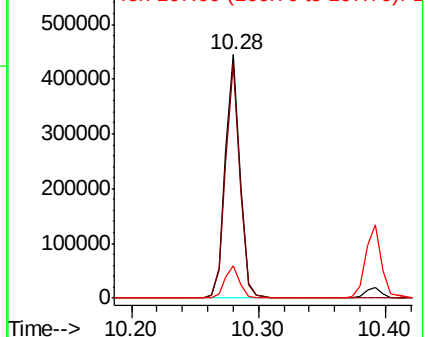


#58
Fluorene
Concen: 15.978 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:166 Resp: 360311
Ion Ratio Lower Upper
166 100
165 96.4 76.2 114.2
167 13.5 10.7 16.1



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

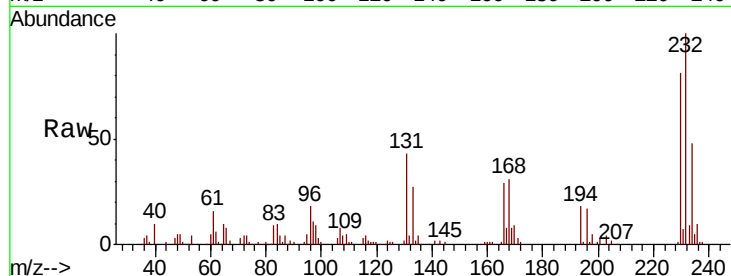




#59
2,3,4,6-Tetrachlorophenol
Concen: 14.433 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.2	49.8
130	1.8	1.6	2.4
166	27.7	21.0	31.6



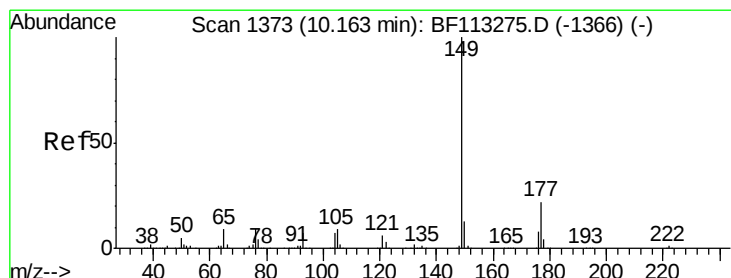
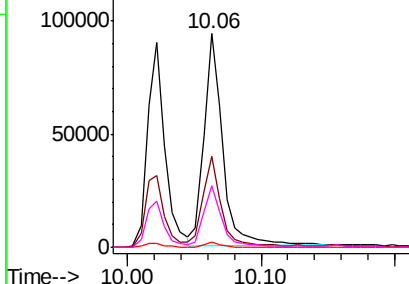
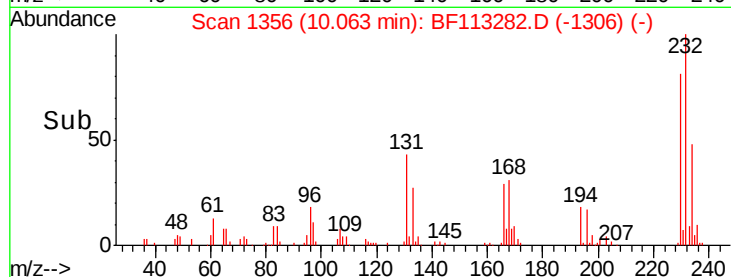
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

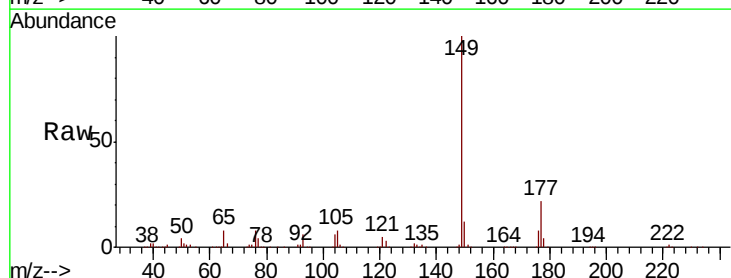
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 15.221 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.0
150	12.2	10.0	15.0

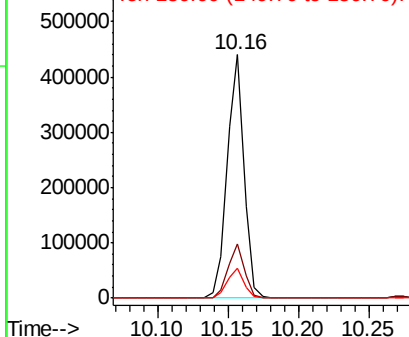
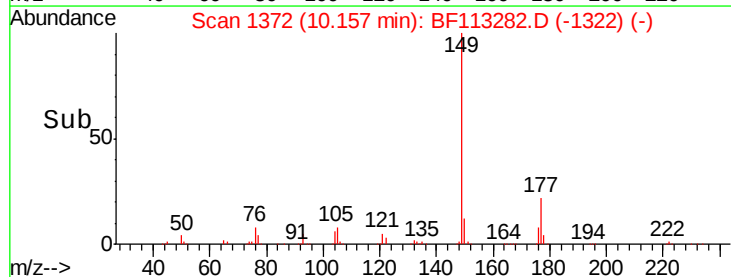


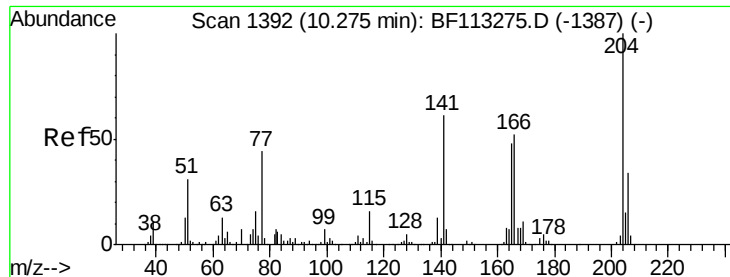
Abundance

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

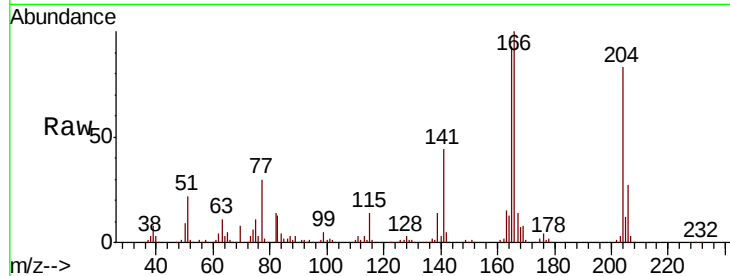




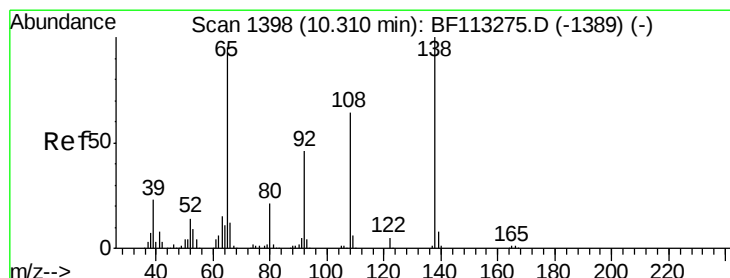
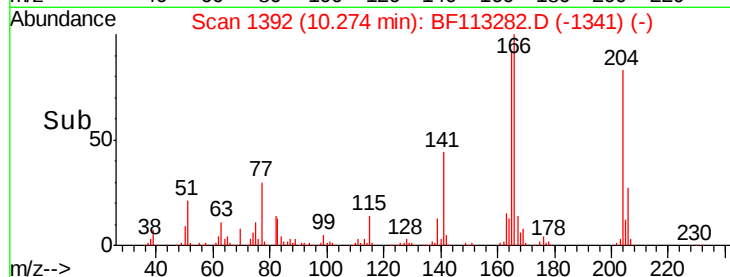
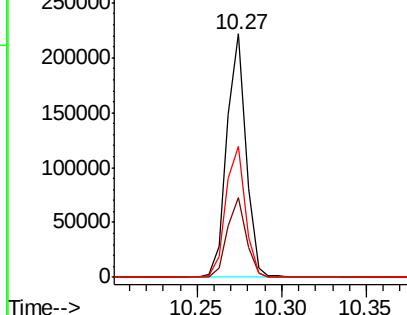
#61
4-Chlorophenyl-phenylether
Concen: 15.890 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:204 Resp: 174635
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 53.6 48.8 73.2

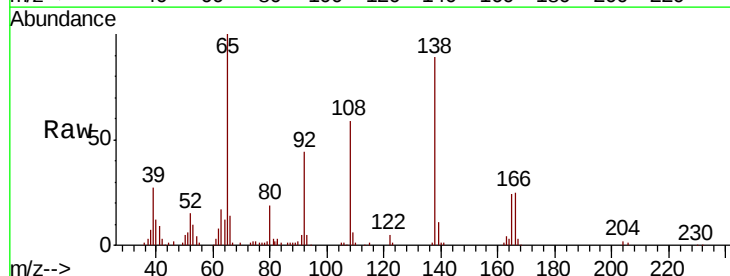


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

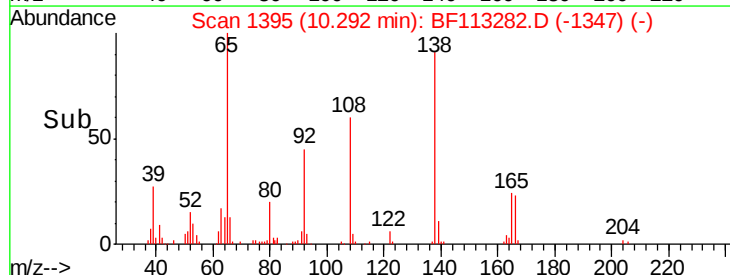
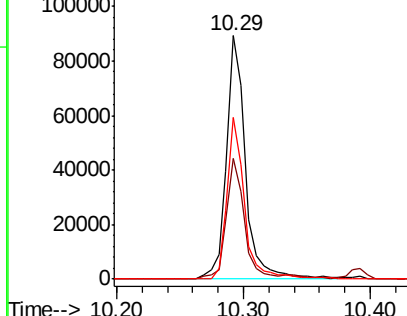


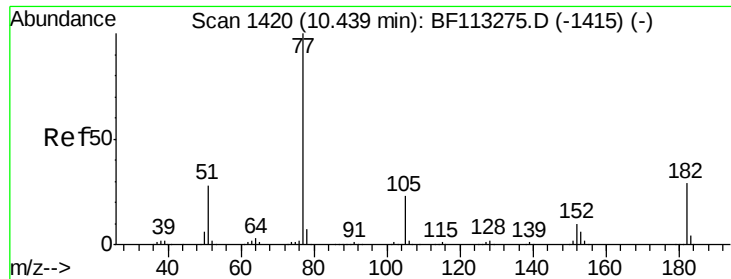
#62
4-Nitroaniline
Concen: 14.514 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:138 Resp: 92904
Ion Ratio Lower Upper
138 100
92 49.4 25.8 65.8
108 66.2 44.0 84.0



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

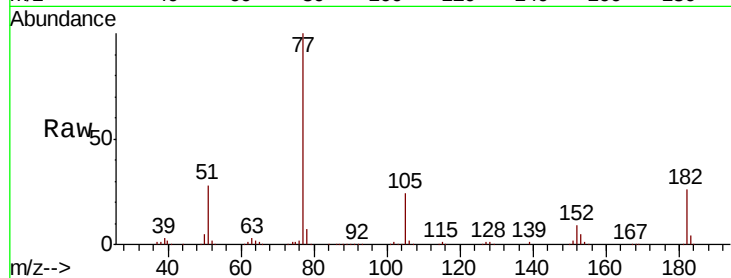




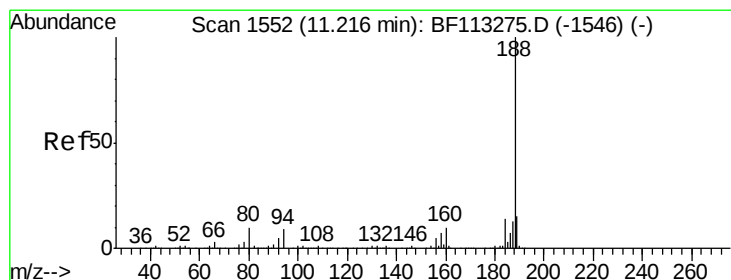
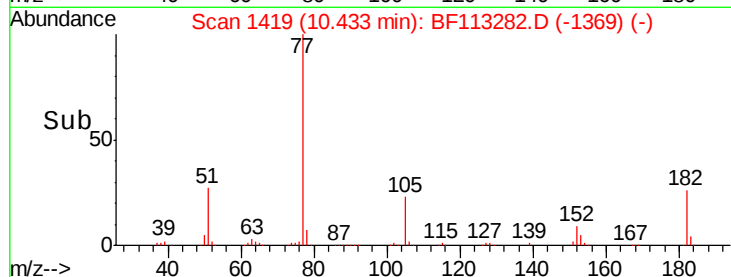
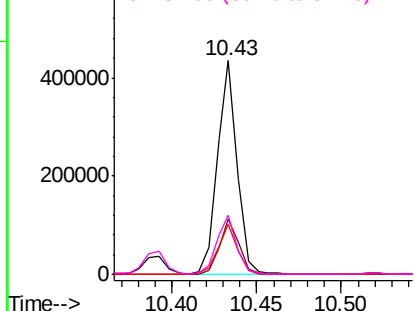
#63
Azobenzene
Concen: 15.649 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	77	Resp:	353147
Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.7	48.7
105	23.5	2.9	42.9
51	27.6	8.8	48.8

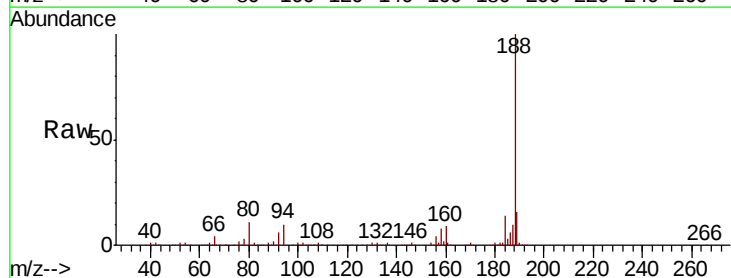


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

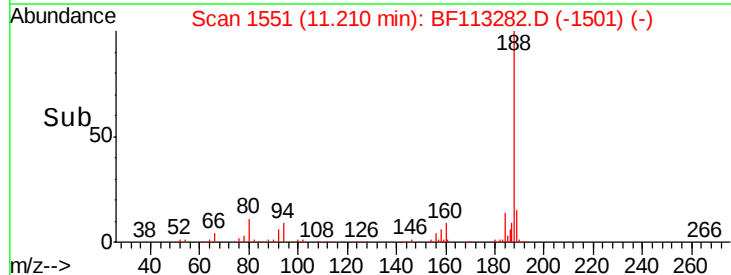
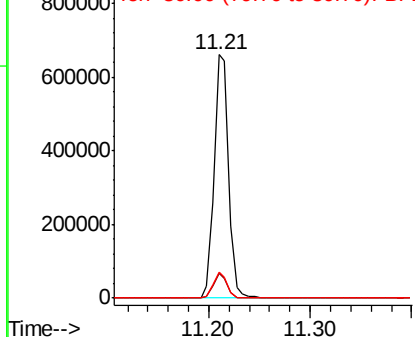


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:	188	Resp:	656925
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.0	10.6
80	10.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

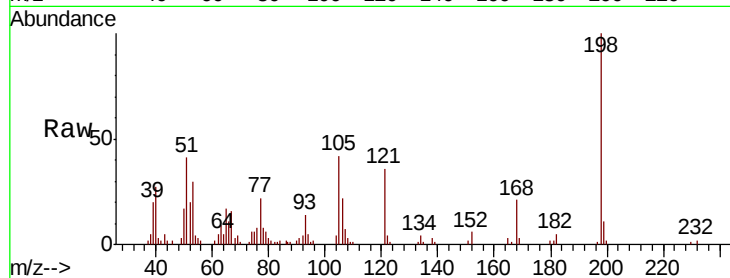




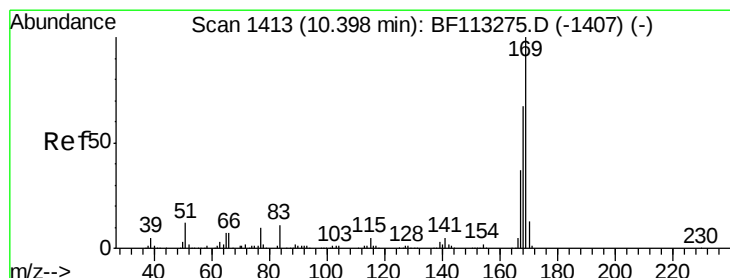
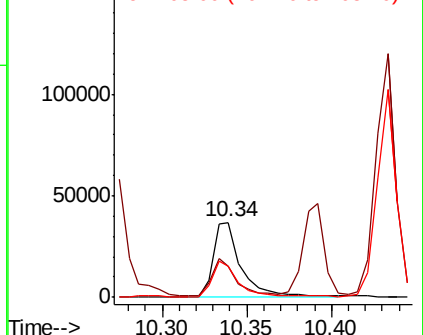
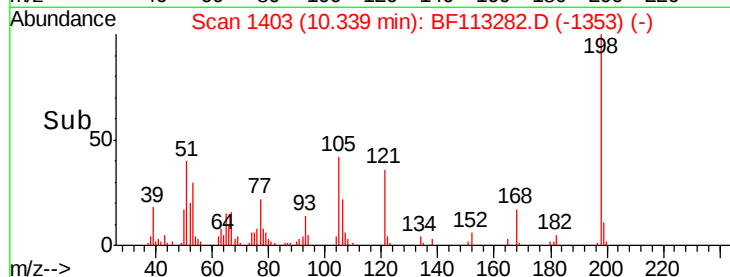
#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.087 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:198 Resp: 43436
 Ion Ratio Lower Upper
 198 100
 51 41.4 21.6 61.6
 105 41.6 20.6 60.6

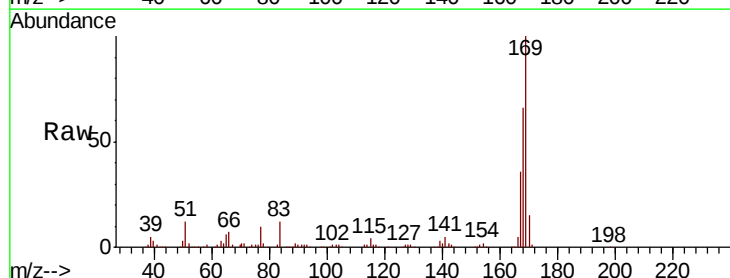


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

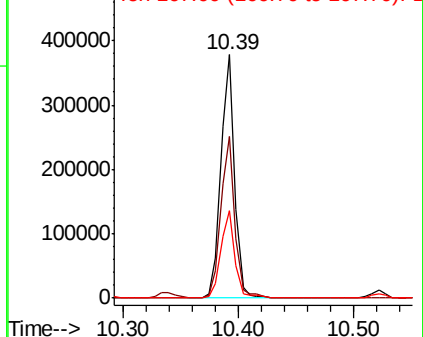
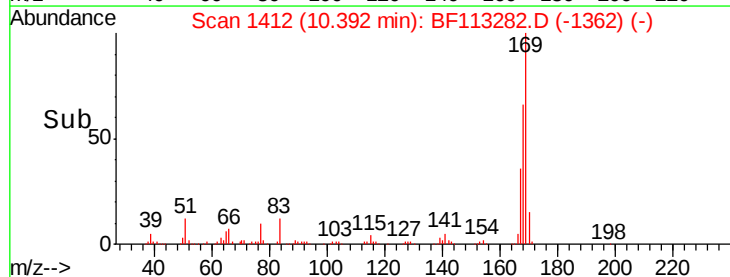


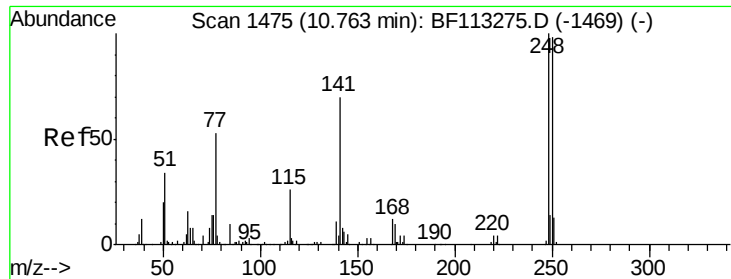
#66
 n-Nitrosodiphenylamine
 Concen: 15.477 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:169 Resp: 311982
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.7 80.5
 167 35.7 29.5 44.3



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

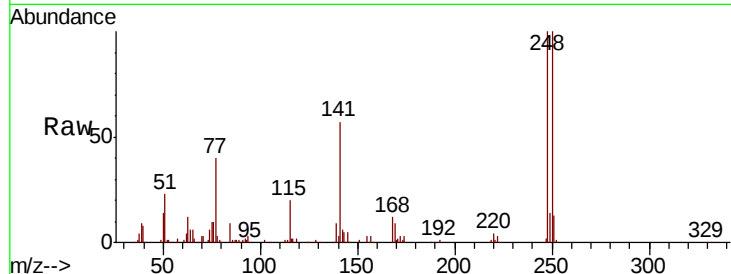




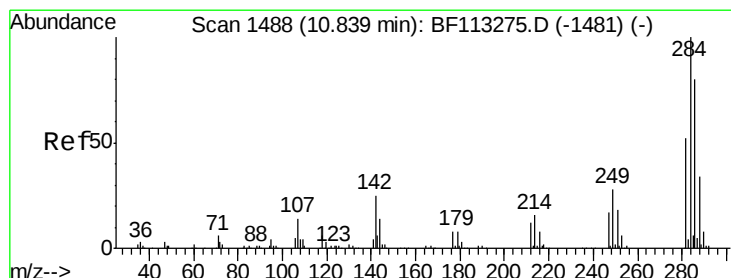
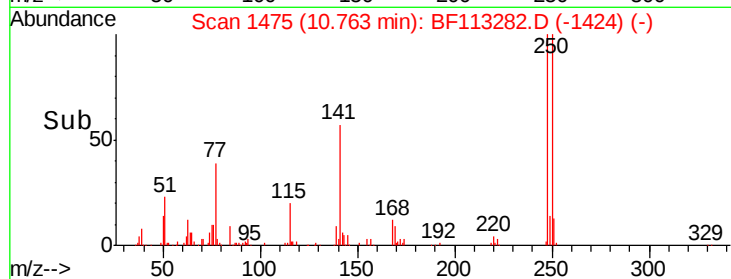
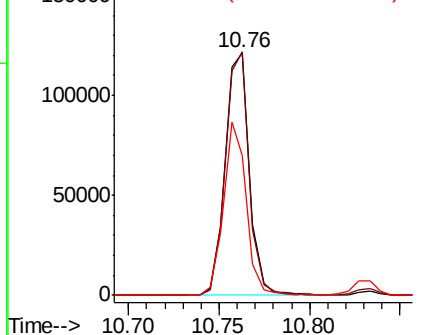
#67
 4-Bromophenyl-phenylether
 Concen: 15.741 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:248 Resp: 112707
 Ion Ratio Lower Upper
 248 100
 250 100.4 78.3 117.5
 141 57.5 56.2 84.4

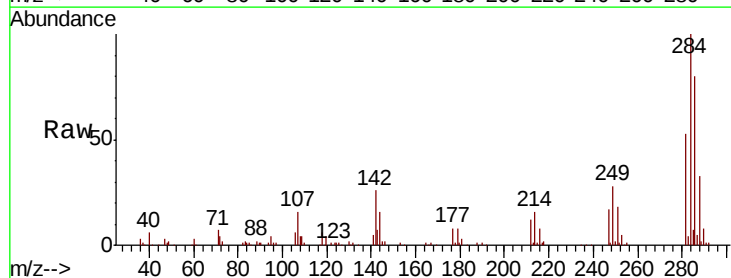


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

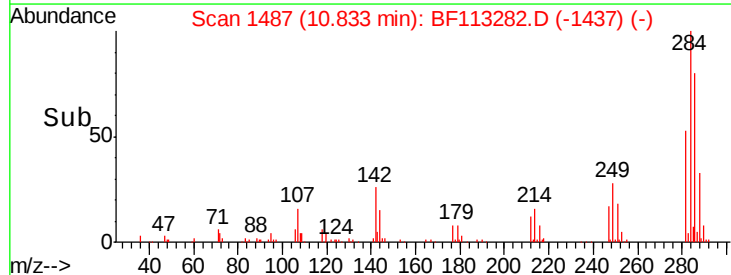
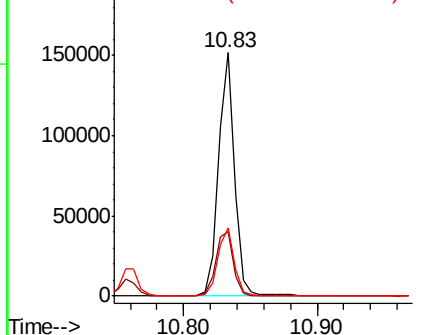


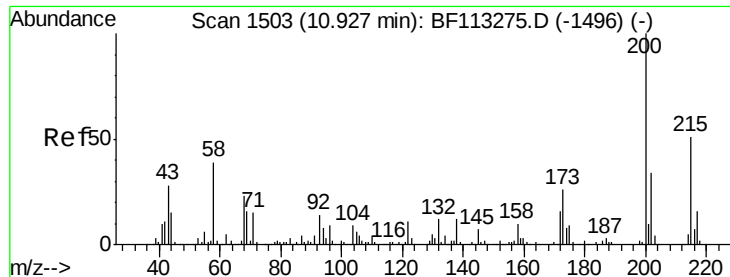
#68
 Hexachlorobenzene
 Concen: 15.573 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:284 Resp: 129428
 Ion Ratio Lower Upper
 284 100
 142 26.5 20.1 30.1
 249 28.0 22.7 34.1



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

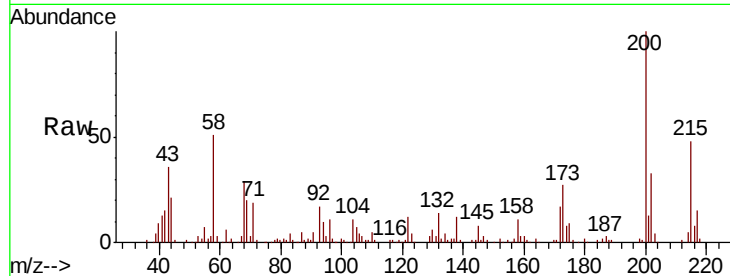




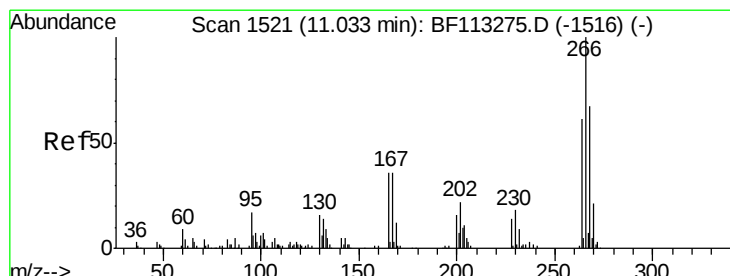
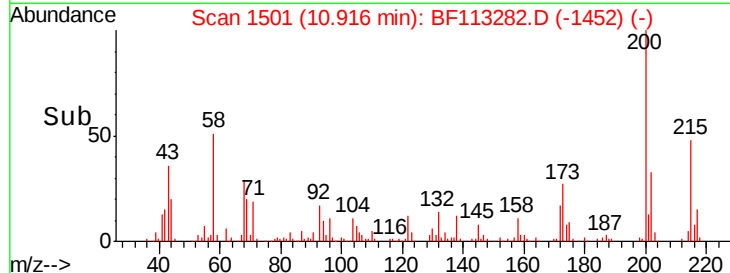
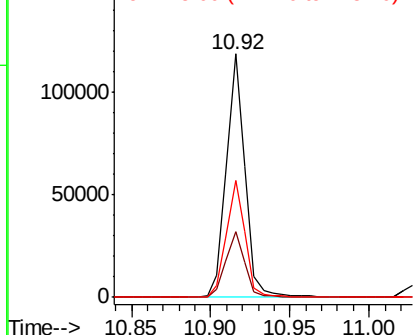
#69
 Atrazine
 Concen: 15.236 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:200 Resp: 96939
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.0 46.0
 215 47.8 31.3 71.3

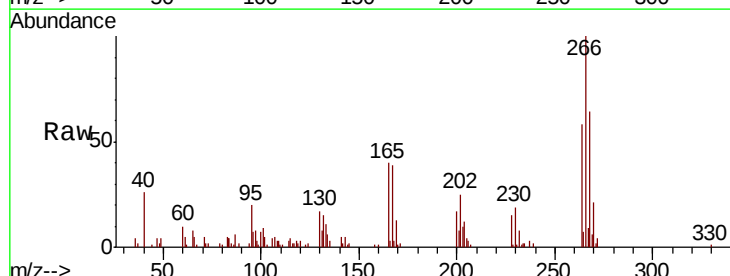


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

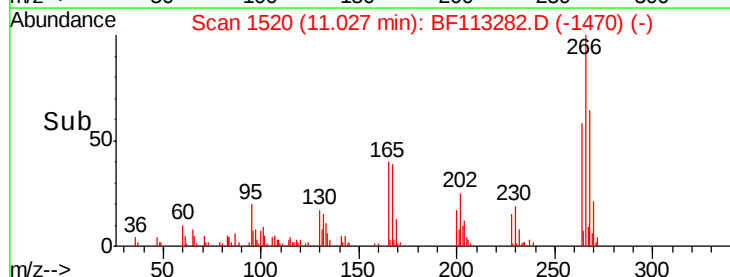
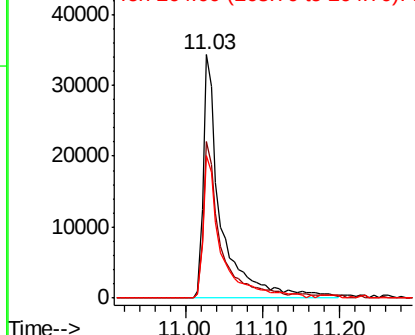


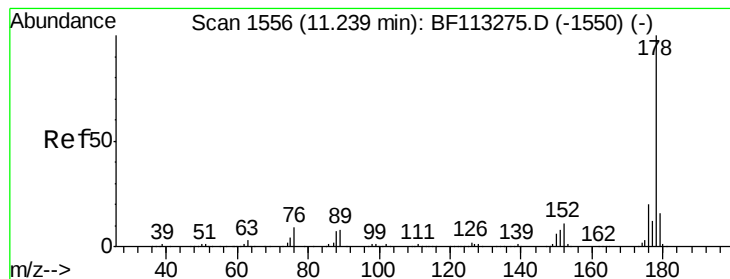
#70
 Pentachlorophenol
 Concen: 12.642 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:266 Resp: 54739
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.8 80.6
 264 58.4 49.2 73.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 16.097 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

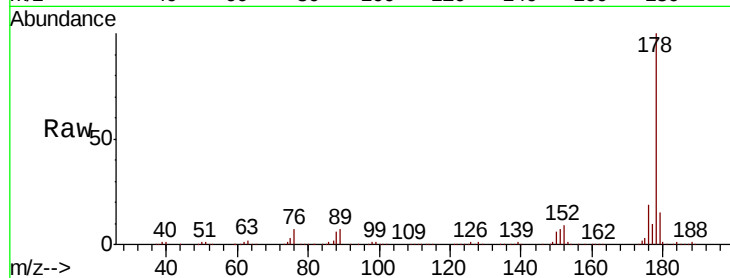
Tgt Ion:178 Resp: 525126

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.2

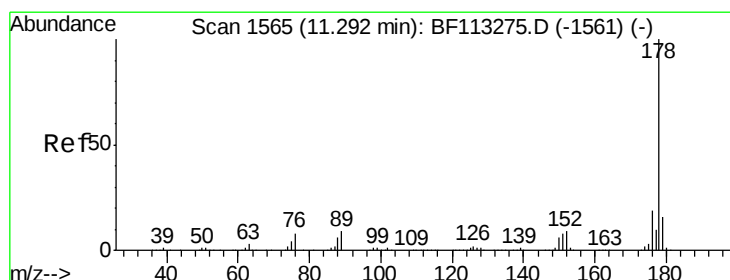
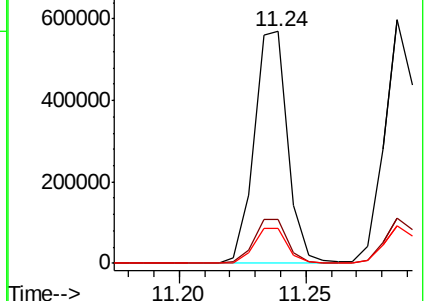
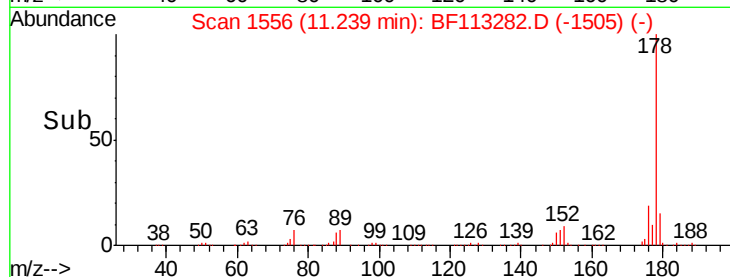
179 15.1 12.7 19.1



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: 16.436 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

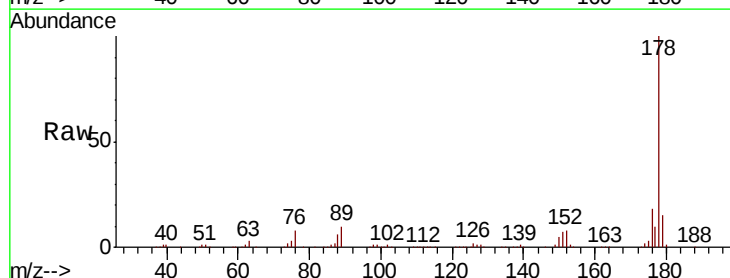
Tgt Ion:178 Resp: 544639

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

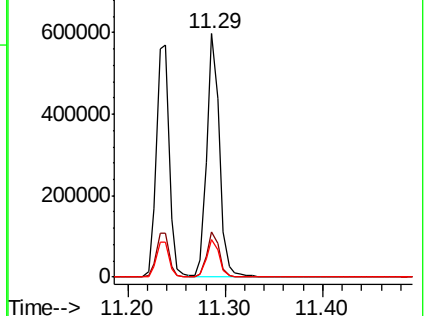
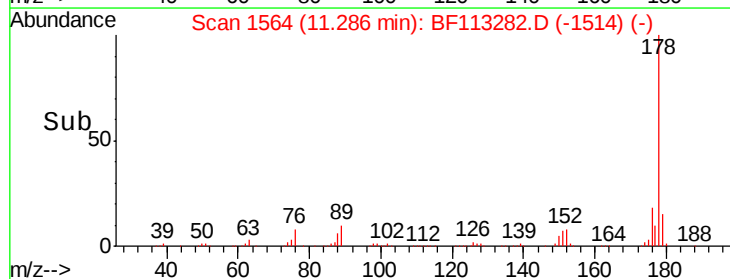
179 15.4 12.8 19.2

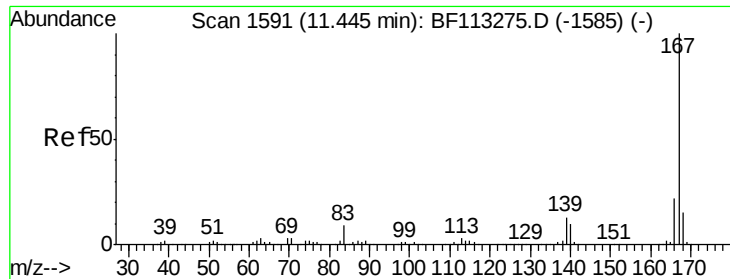


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

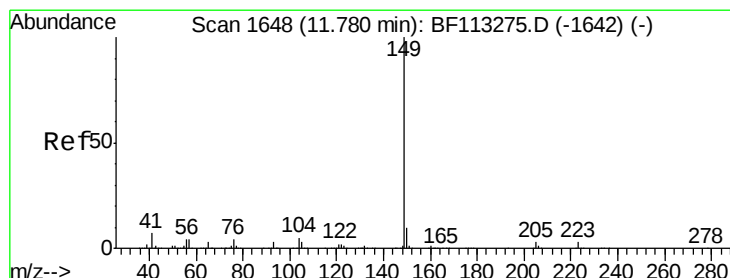
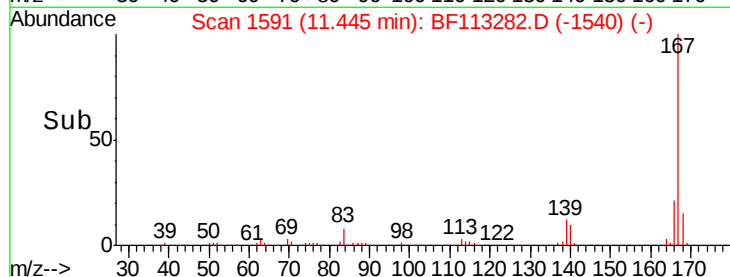
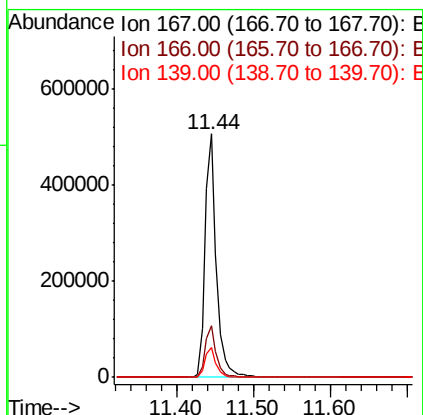
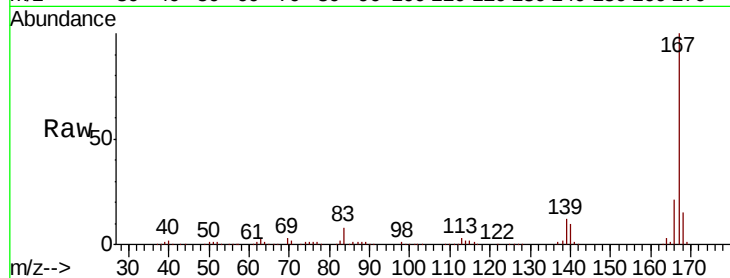




#73
 Carbazole
 Concen: 16.181 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

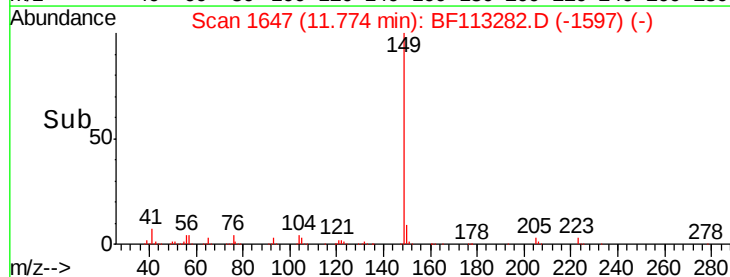
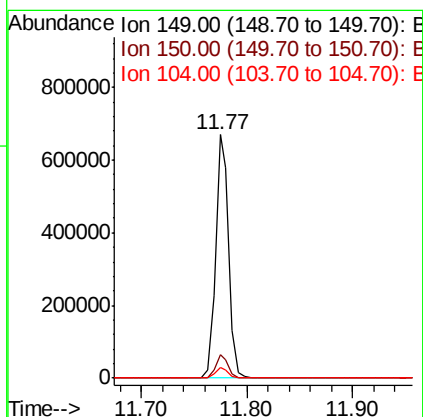
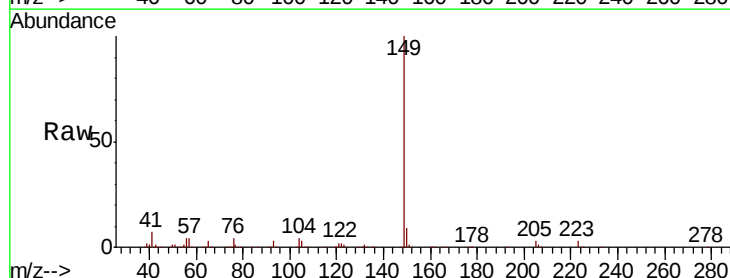
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

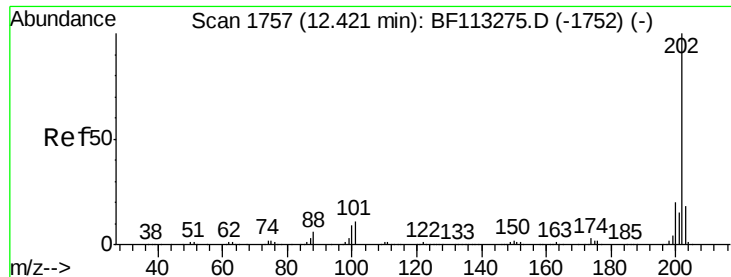
Tgt Ion:167 Resp: 511616
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 15.969 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion:149 Resp: 585525
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.4 3.7 5.5

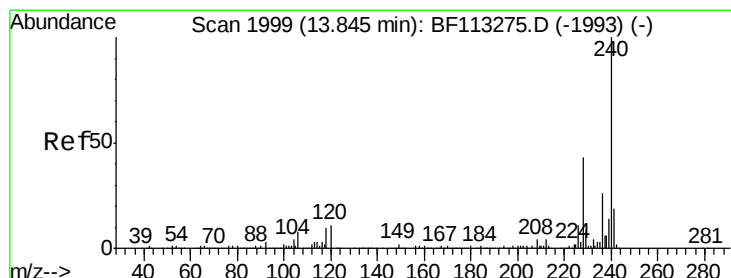
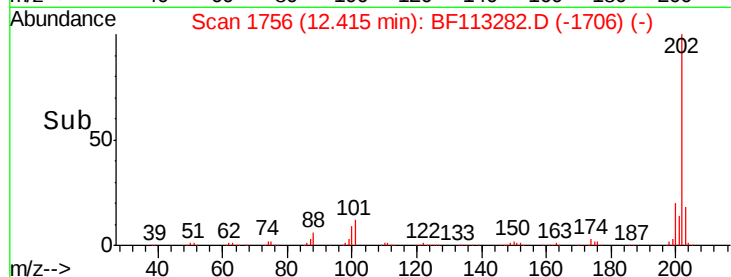
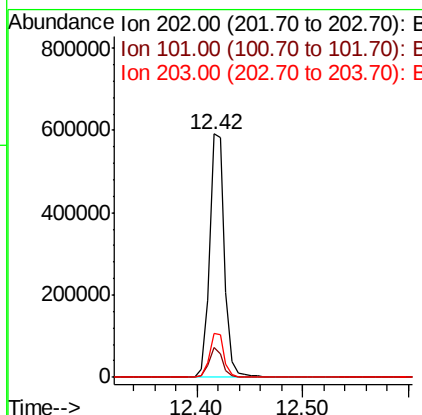
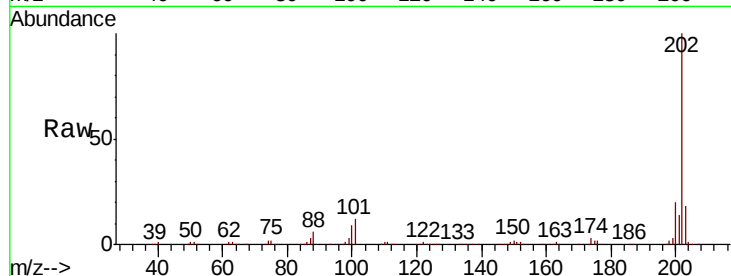




#75
 Fluoranthene
 Concen: 15.896 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

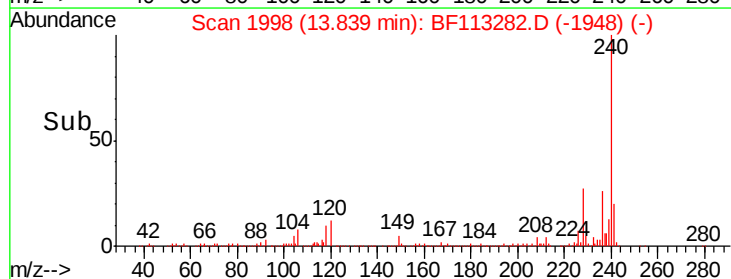
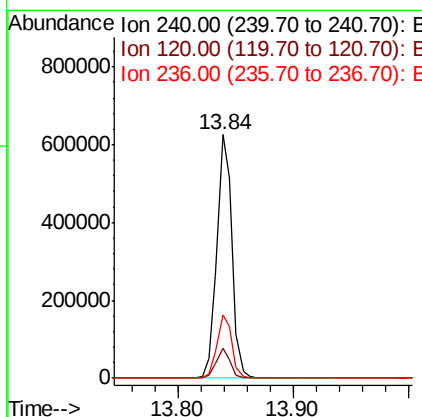
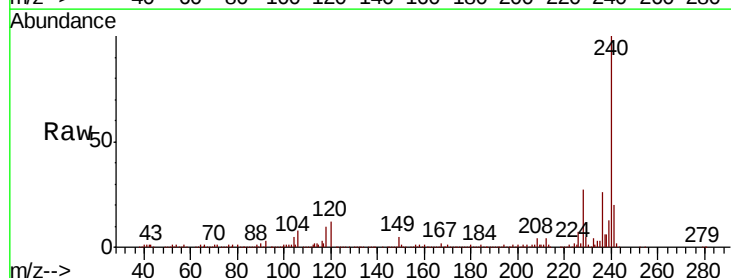
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

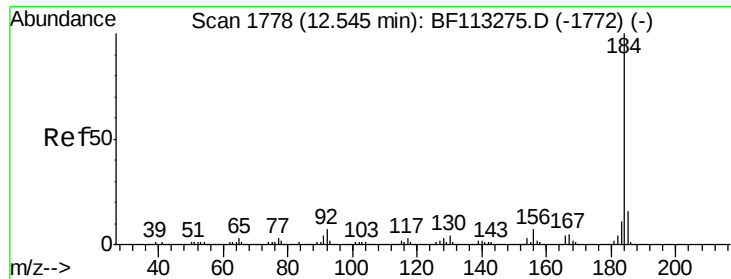
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.1	0.0	38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113282.D
 Acq: 25 Mar 2019 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.8	13.2
236	26.2	20.9	31.3





#77

Benzidine

Concen: 13.587 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

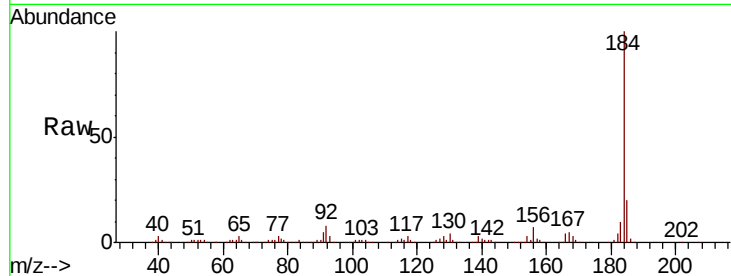
Tgt Ion:184 Resp: 294287

Ion Ratio Lower Upper

184 100

185 20.0 13.0 19.6#

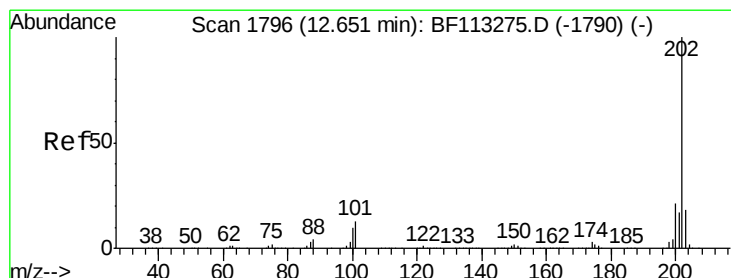
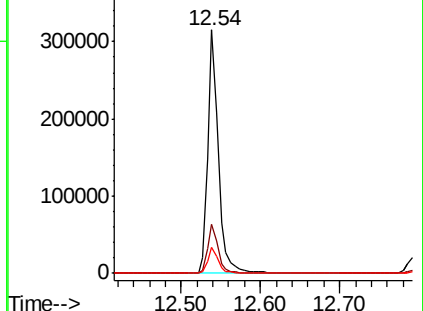
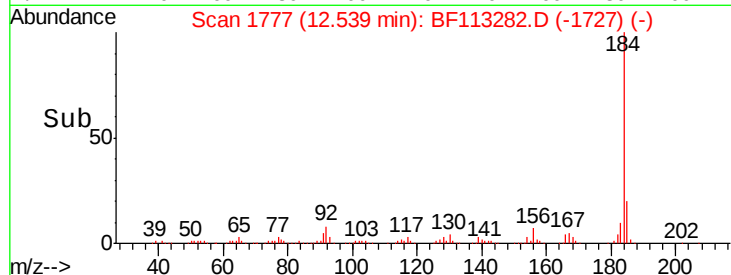
183 10.4 9.0 13.4



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: 15.531 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

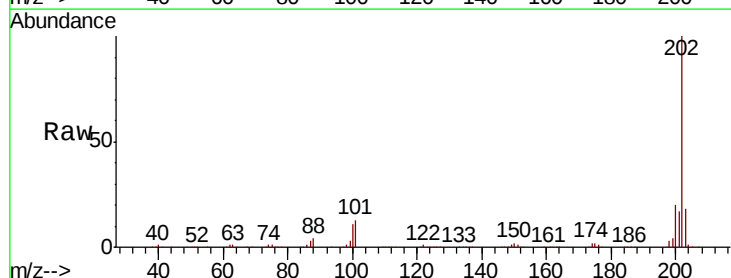
Tgt Ion:202 Resp: 608701

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

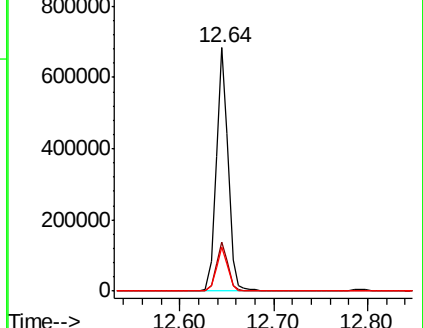
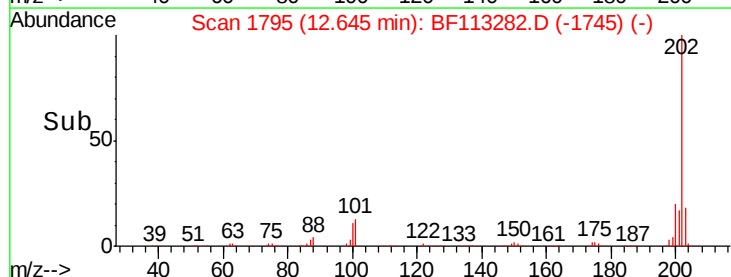
203 17.8 14.4 21.6

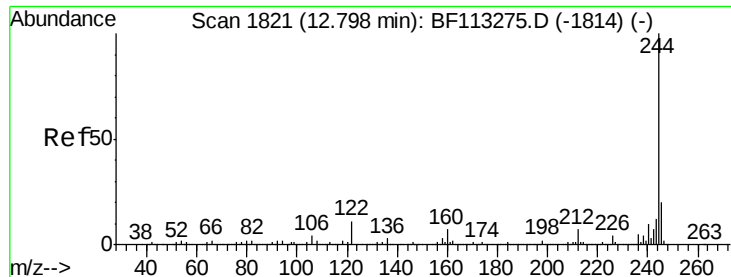


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.703 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

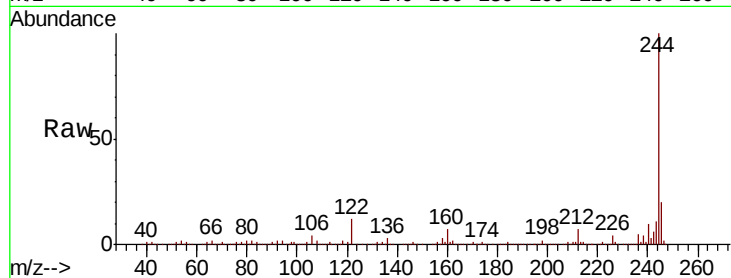
Tgt Ion:244 Resp: 1685926

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

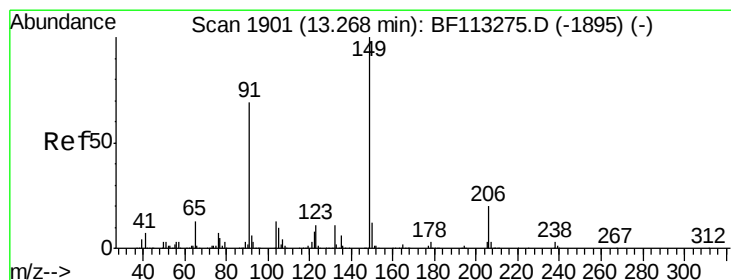
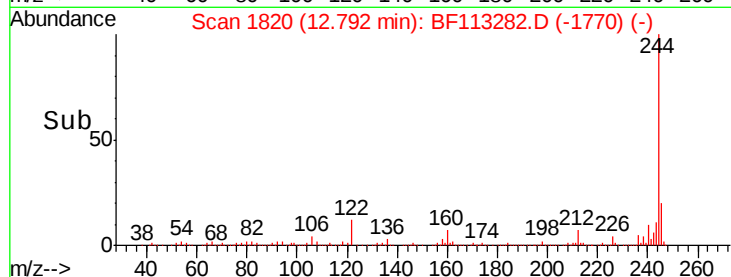
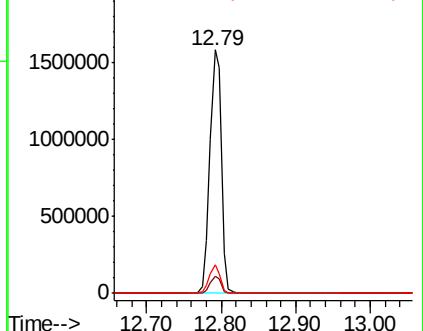
122 11.5 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 14.321 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

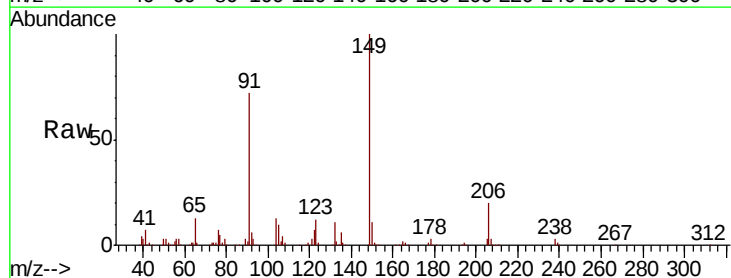
Tgt Ion:149 Resp: 247364

Ion Ratio Lower Upper

149 100

91 71.8 55.2 82.8

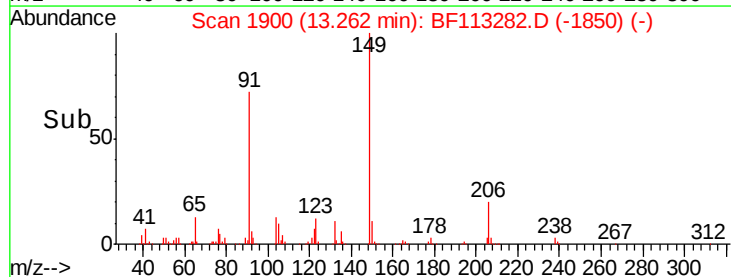
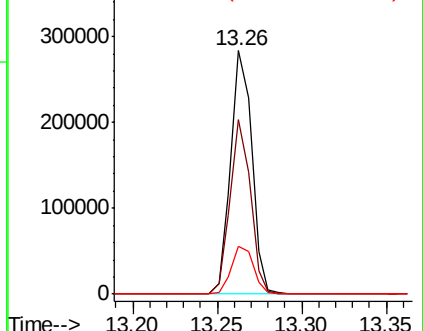
206 19.7 16.1 24.1

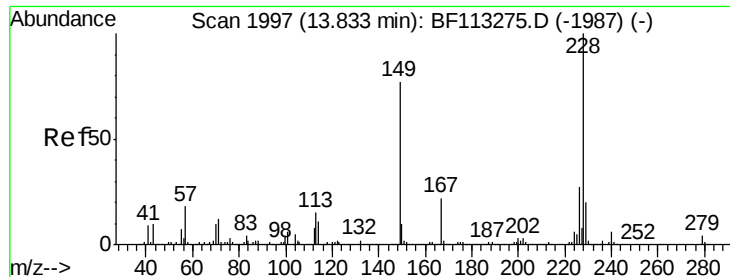


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 15.489 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

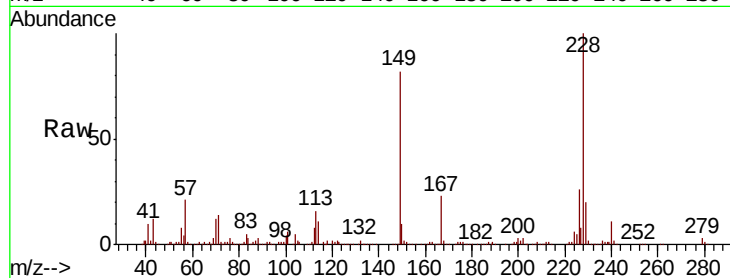
Tgt Ion:228 Resp: 501461

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

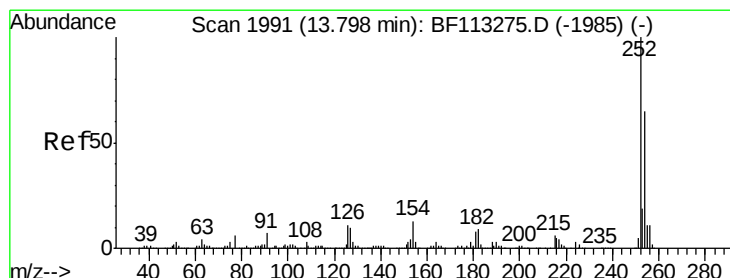
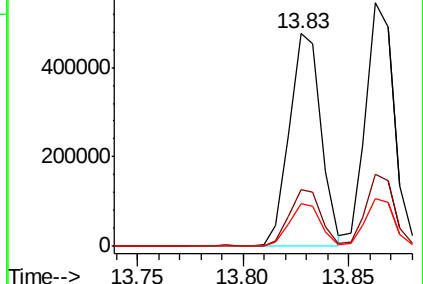
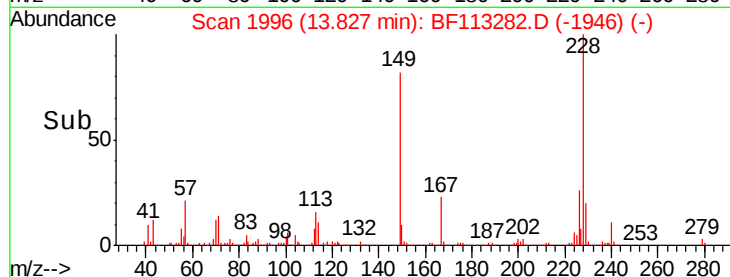
229 20.1 16.2 24.4



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: 15.389 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

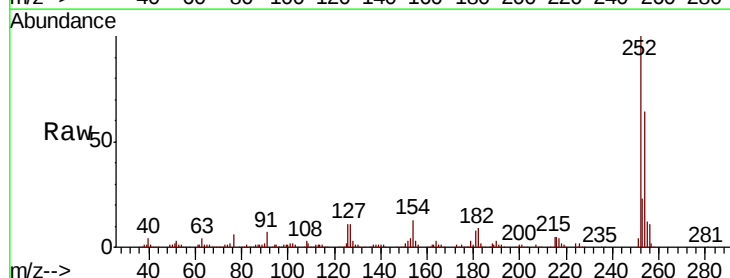
Tgt Ion:252 Resp: 199868

Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.2

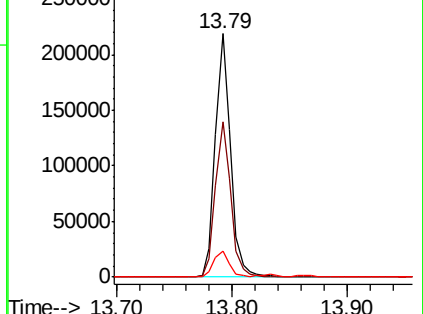
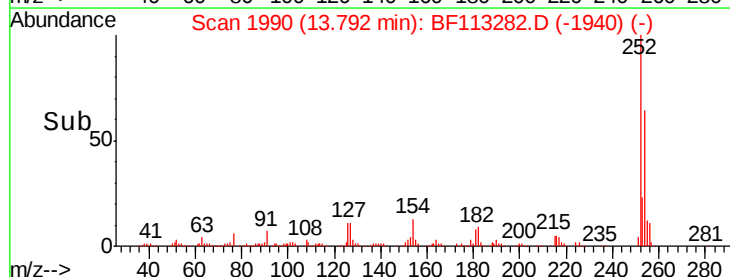
126 10.8 8.5 12.7



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: 15.797 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

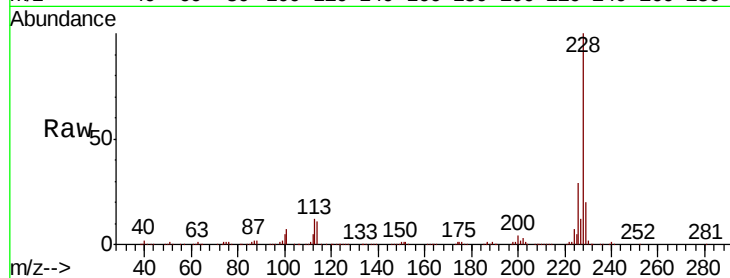
Tgt Ion:228 Resp: 519476

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

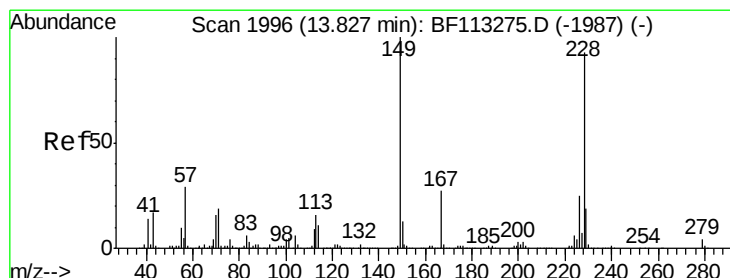
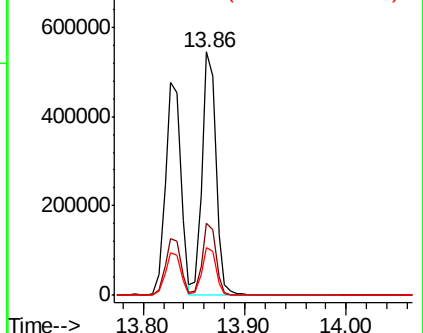
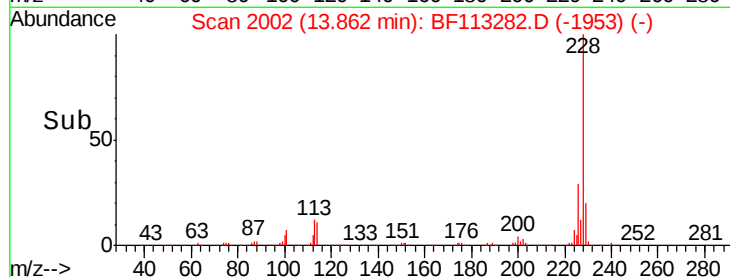
229 19.8 16.3 24.5



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: 15.097 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

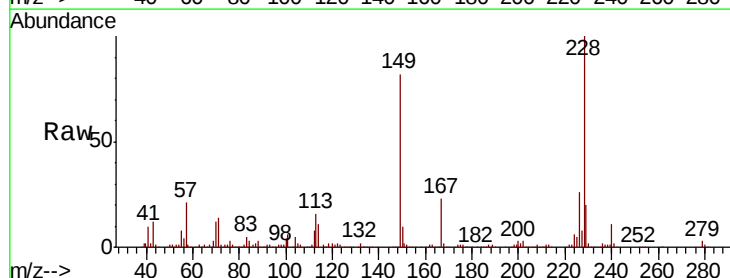
Tgt Ion:149 Resp: 319677

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

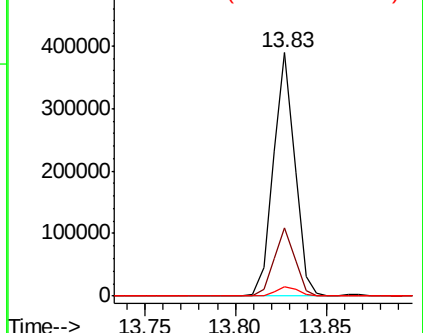
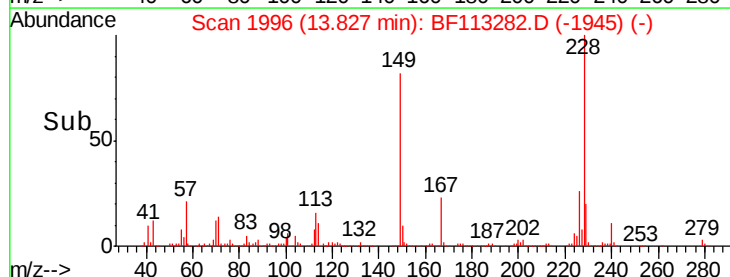
279 4.0 2.9 4.3

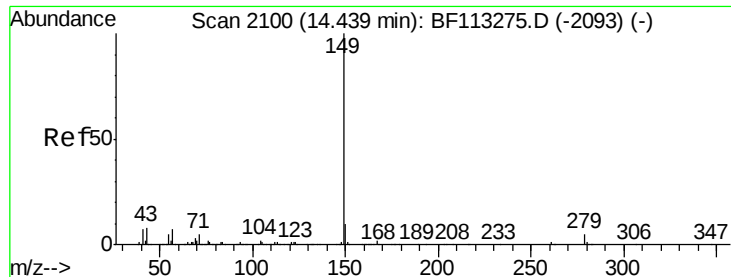


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 15.620 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

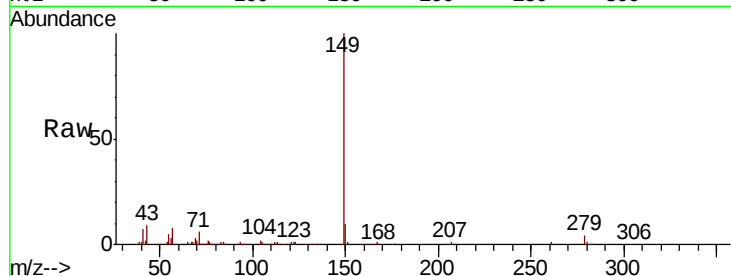
Tgt Ion:149 Resp: 561431

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

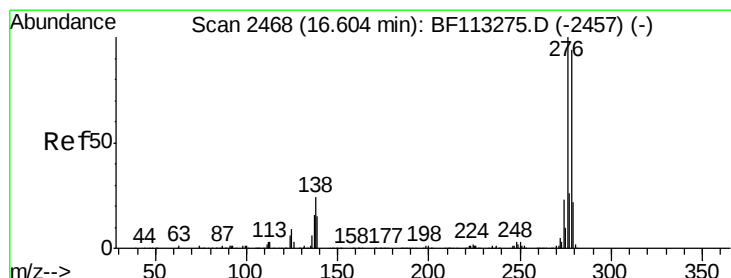
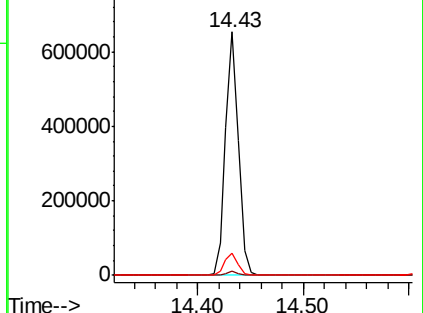
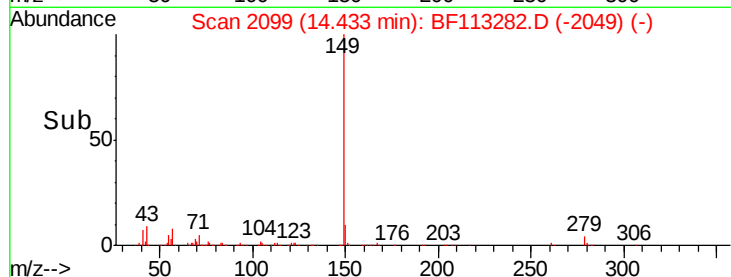
43 9.4 7.7 11.5



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: 15.740 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

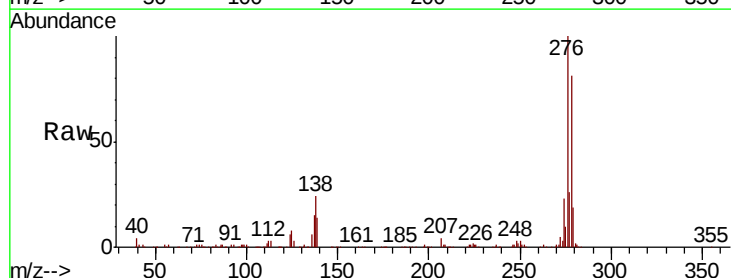
Tgt Ion:276 Resp: 444200

Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

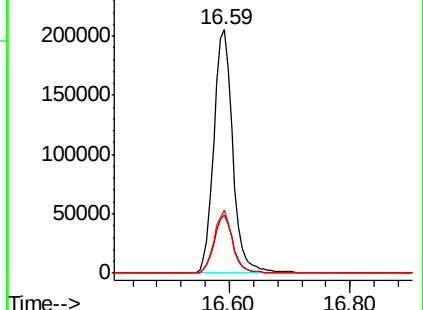
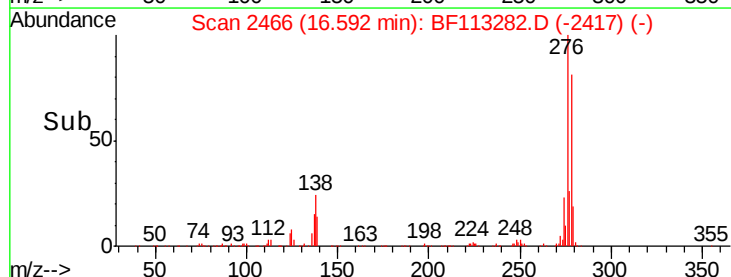
277 24.7 20.2 30.4

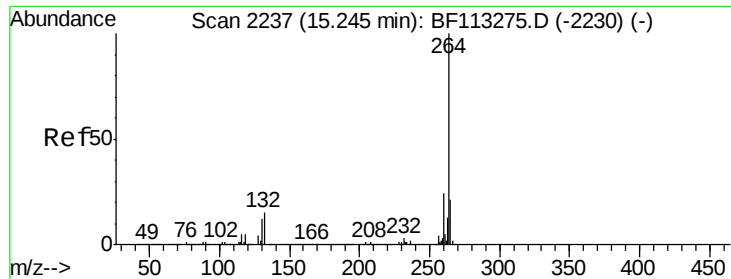


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

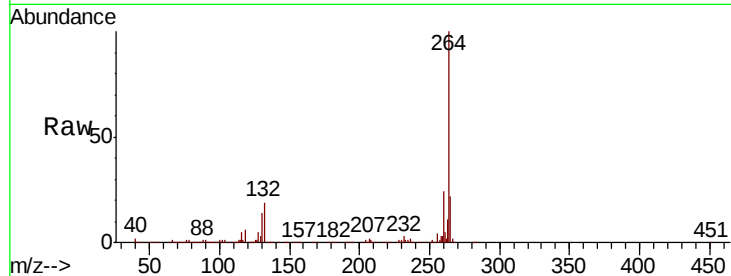
Tgt Ion:264 Resp: 526511

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

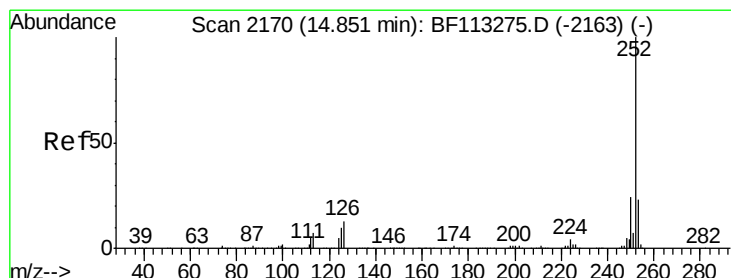
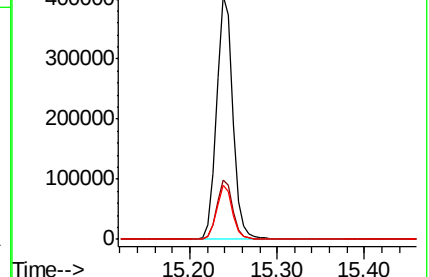
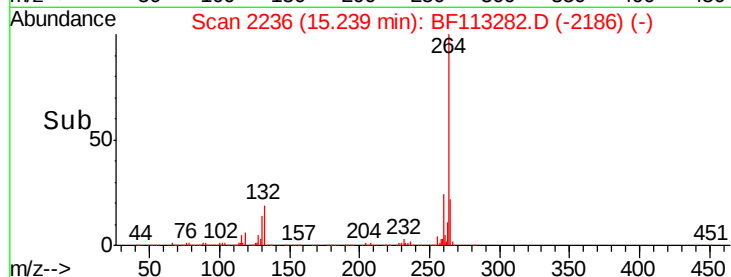
265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 14.785 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

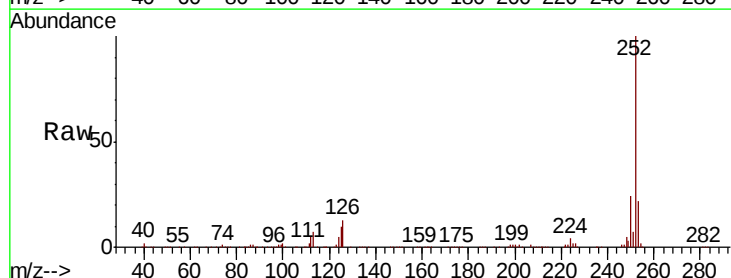
Tgt Ion:252 Resp: 483569

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

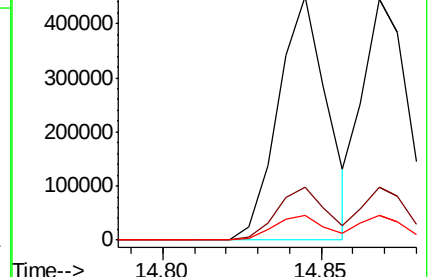
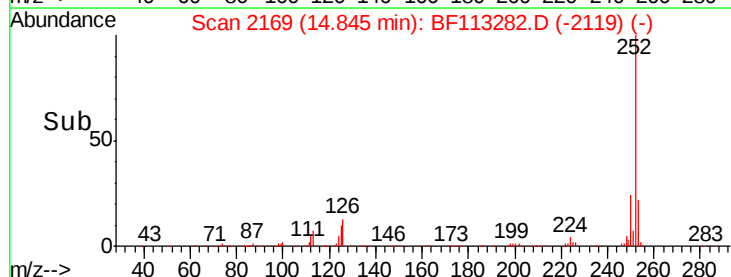
125 10.0 7.6 11.4

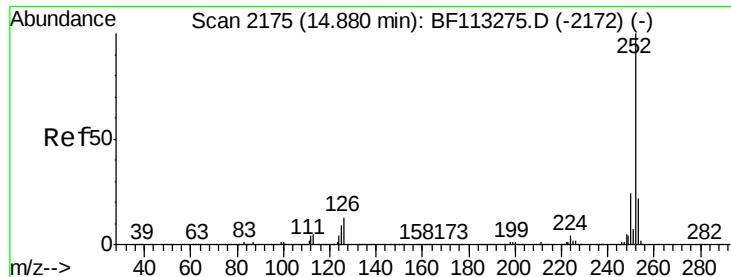


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

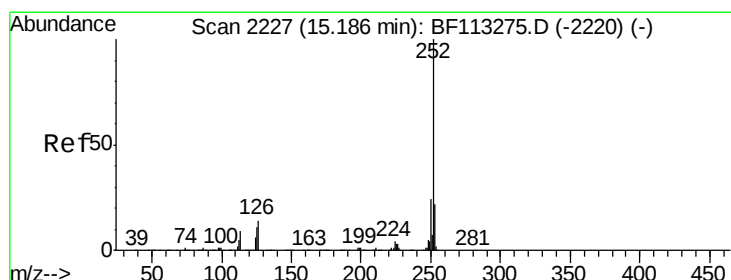
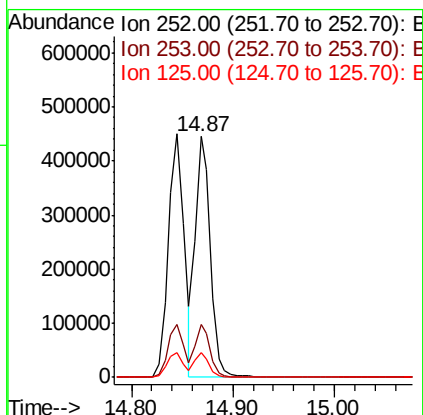
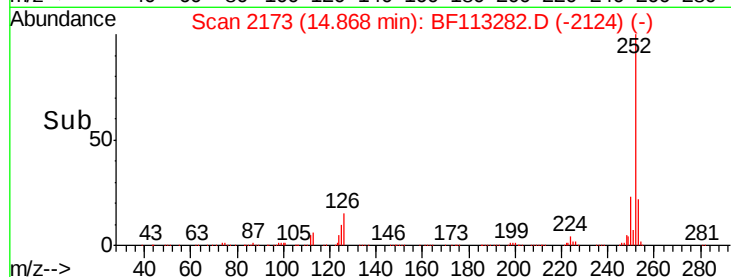
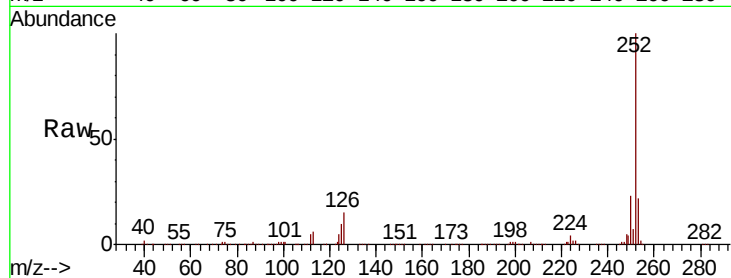




#89
Benzo(k)fluoranthene
Concen: 15.941 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

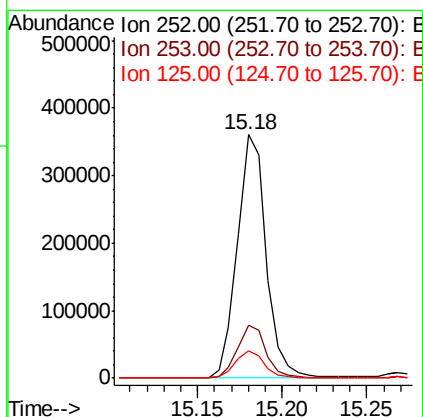
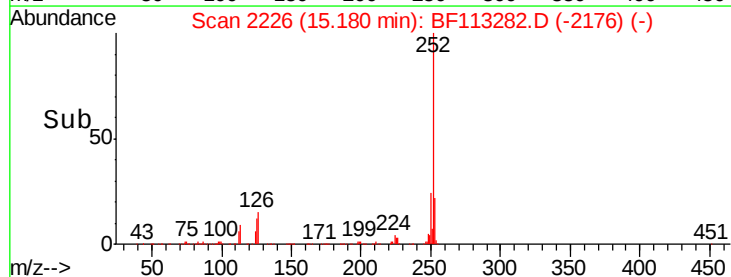
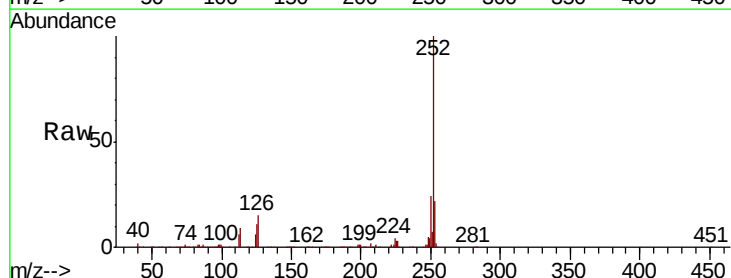
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

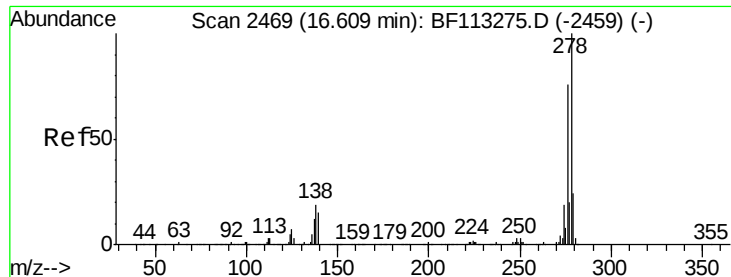
Tgt Ion:252 Resp: 457854
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 14.861 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113282.D
Acq: 25 Mar 2019 16:35

Tgt Ion:252 Resp: 430908
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 14.739 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

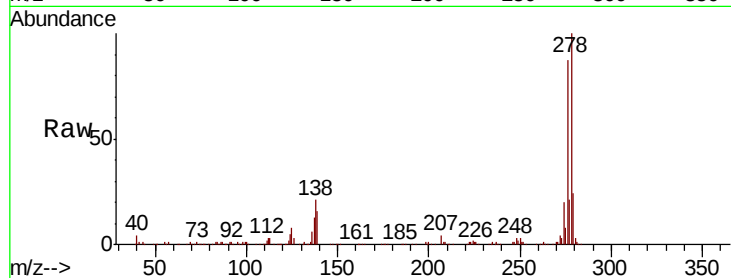
Tgt Ion: 278 Resp: 369531

Ion Ratio Lower Upper

278 100

139 15.5 12.0 18.0

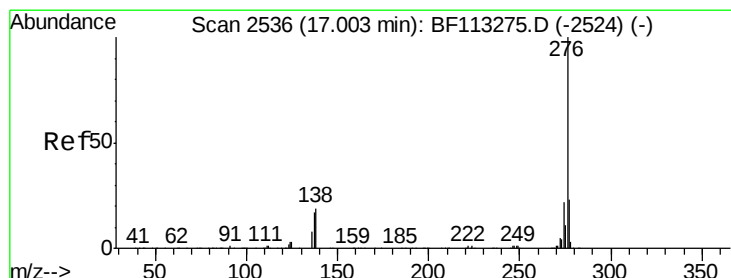
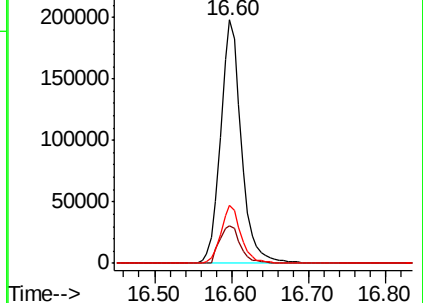
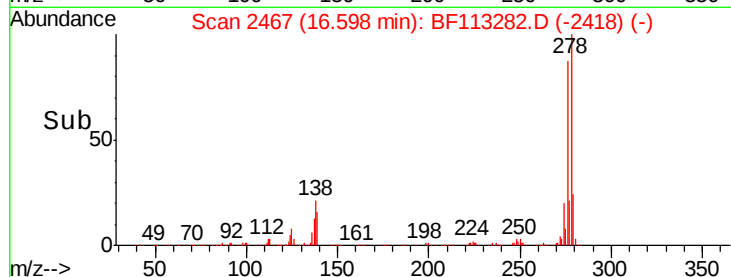
279 23.7 19.0 28.6



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: 13.617 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF113282.D

Acq: 25 Mar 2019 16:35

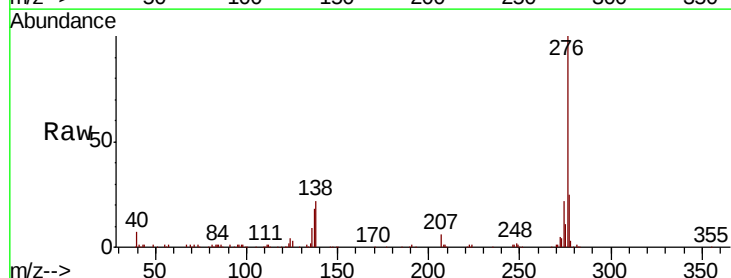
Tgt Ion: 276 Resp: 344237

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 21.8 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

