

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
 Data File : BF113281.D
 Acq On : 25 Mar 2019 16:07
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 20 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Mar 26 03:58:34 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	159056	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	673926	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335342	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	671191	20.00	ng	0.00
76) Chrysene-d12	13.84	240	568376	20.00	ng	0.00
87) Perylene-d12	15.24	264	525784	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	982421	100.99	ng	0.00
7) Phenol-d6	6.35	99	1321400	107.38	ng	0.00
23) Nitrobenzene-d5	7.27	82	822276	72.42	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	435596	105.16	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1505685	66.55	ng	0.00
79) Terphenyl-d14	12.80	244	1716166	66.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.36	88	83210	16.860 ng	99
3) Pyridine	3.10	79	207145	17.025 ng	97
4) n-Nitrosodimethylamine	2.99	42	85163	15.745 ng	93
6) Aniline	6.37	93	273509	18.251 ng	# 79
8) 2-Chlorophenol	6.49	128	194583	17.226 ng	96
9) Benzaldehyde	6.25	77	157917	19.124 ng	97
10) Phenol	6.36	94	256698	18.272 ng	97
11) bis(2-Chloroethyl)ether	6.44	93	196066	18.207 ng	98
12) 1,3-Dichlorobenzene	6.65	146	212200	17.427 ng	98
13) 1,4-Dichlorobenzene	6.72	146	215865	18.361 ng	99
14) 1,2-Dichlorobenzene	6.87	146	206919	17.890 ng	98
15) Benzyl Alcohol	6.85	79	148375	18.277 ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	319751	19.765 ng	96
17) 2-Methylphenol	6.97	107	166862	18.849 ng	96
18) Hexachloroethane	7.22	117	84476	20.005 ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	147087	19.029 ng	98
20) 3+4-Methylphenols	7.12	107	216081	16.511 ng	93
22) Acetophenone	7.11	105	283501	18.446 ng	98
24) Nitrobenzene	7.29	77	226291	19.099 ng	98
25) Isophorone	7.52	82	400790	18.214 ng	96
26) 2-Nitrophenol	7.60	139	115734	18.480 ng	94
27) 2,4-Dimethylphenol	7.65	122	168943	18.753 ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	263914	19.046 ng	99
29) 2,4-Dichlorophenol	7.85	162	181849	18.627 ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	197910	18.789 ng	100
31) Naphthalene	8.01	128	633789	19.245 ng	98
32) Benzoic acid	7.76	122	102748	14.169 ng	99
33) 4-Chloroaniline	8.06	127	249344	19.416 ng	99
34) Hexachlorobutadiene	8.13	225	119027	19.013 ng	97
35) Caprolactam	8.41	113	56989	18.188 ng	99
36) 4-Chloro-3-methylphenol	8.55	107	187570	19.102 ng	94
37) 2-Methylnaphthalene	8.70	142	414987	20.195 ng	98
38) 1-Methylnaphthalene	8.80	142	401922	20.335 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	198266	18.419 ng	99

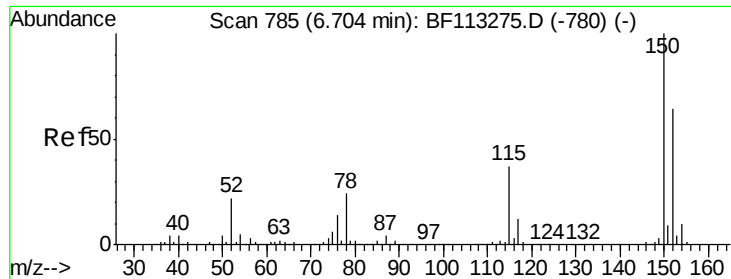
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
 Data File : BF113281.D
 Acq On : 25 Mar 2019 16:07
 Operator : JU/SJ
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Quant Time: Mar 26 03:58:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS 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)
41) Hexachlorocyclopentadiene	8.86	237	57788	12.683	ng	97
43) 2,4,6-Trichlorophenol	8.98	196	120280	17.159	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	130982	16.884	ng	98
46) 1,1'-Biphenyl	9.16	154	523442	18.689	ng	99
47) 2-Chloronaphthalene	9.19	162	390866	18.126	ng	97
48) 2-Nitroaniline	9.28	65	117247	17.325	ng	98
49) Acenaphthylene	9.60	152	664217	19.050	ng	99
50) Dimethylphthalate	9.46	163	447081	17.990	ng	100
51) 2,6-Dinitrotoluene	9.52	165	100439	17.915	ng	91
52) Acenaphthene	9.77	154	364398	18.558	ng	99
53) 3-Nitroaniline	9.69	138	112125	17.734	ng	92
54) 2,4-Dinitrophenol	9.80	184	40868	14.656	ng	95
55) Dibenzofuran	9.94	168	568301	19.252	ng	98
56) 4-Nitrophenol	9.87	139	70675	15.679	ng	92
57) 2,4-Dinitrotoluene	9.93	165	130555	18.311	ng	93
58) Fluorene	10.28	166	438369	19.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	118703	18.094	ng	97
60) Diethylphthalate	10.16	149	444617	18.238	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	214793	19.218	ng	93
62) 4-Nitroaniline	10.30	138	116694	17.927	ng	97
63) Azobenzene	10.43	77	429705	18.724	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	58411	15.908	ng	98
66) n-Nitrosodiphenylamine	10.39	169	381562	18.526	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	137777	18.834	ng	93
68) Hexachlorobenzene	10.83	284	158808	18.702	ng	97
69) Atrazine	10.92	200	120578	18.548	ng	95
70) Pentachlorophenol	11.03	266	67733	15.310	ng	97
71) Phenanthrene	11.24	178	642953	19.290	ng	99
72) Anthracene	11.29	178	656928	19.404	ng	99
73) Carbazole	11.44	167	624319	19.325	ng	98
74) Di-n-butylphthalate	11.78	149	719594	19.208	ng	98
75) Fluoranthene	12.42	202	716587	19.017	ng	98
77) Benzidine	12.79	184	20847	0.958	ng	97
78) Pyrene	12.64	202	734908	18.659	ng	99
80) Butylbenzylphthalate	13.26	149	299510	17.255	ng	97
81) Benzo(a)anthracene	13.83	228	606466	18.641	ng	98
82) 3,3'-Dichlorobenzidine	13.79	252	237042	18.161	ng	99
83) Chrysene	13.87	228	626794	18.967	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	387295	18.201	ng	99
85) Di-n-octyl phthalate	14.43	149	678081	18.773	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	518822	18.293	ng	98
88) Benzo(b)fluoranthene	14.84	252	575044	17.606	ng	99
89) Benzo(k)fluoranthene	14.87	252	550987	19.210	ng	100
90) Benzo(a)pyrene	15.19	252	518464	17.905	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	435584	17.398	ng	100
92) Benzo(g,h,i)perylene	16.99	276	416741	16.508	ng	98

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

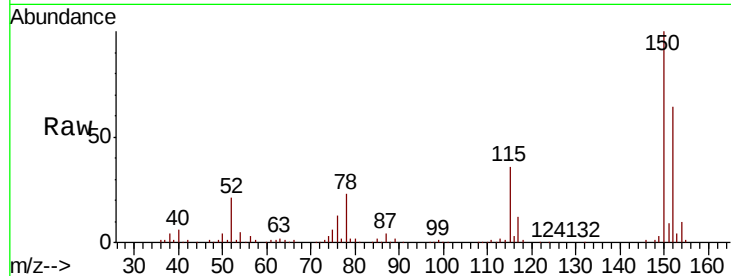


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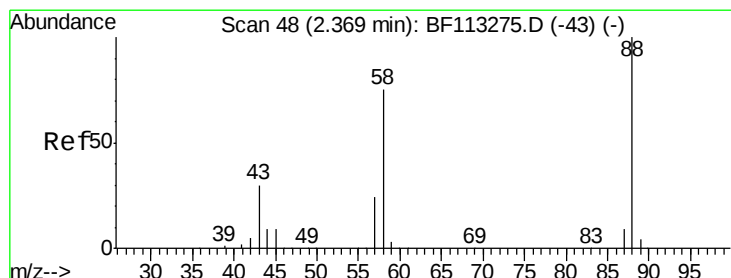
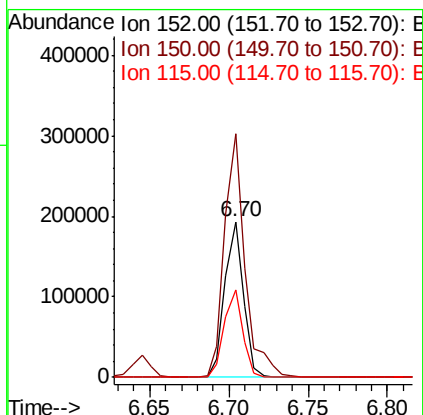
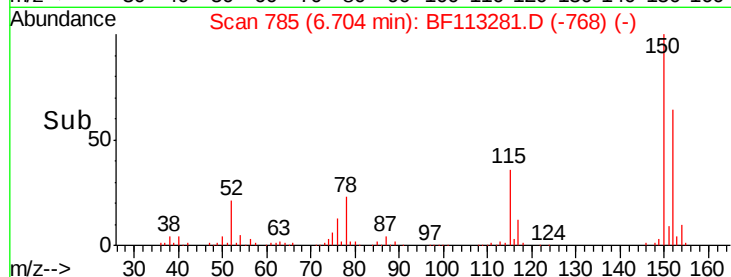
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:152 Resp: 159056
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 56.2 46.0 69.0



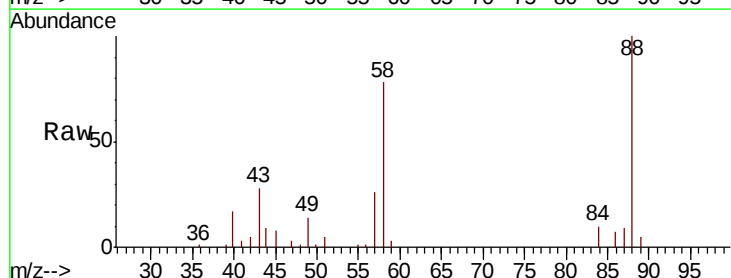
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



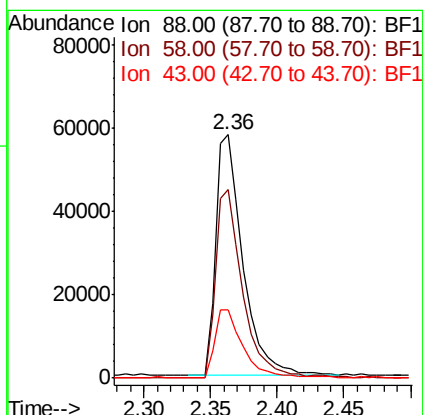
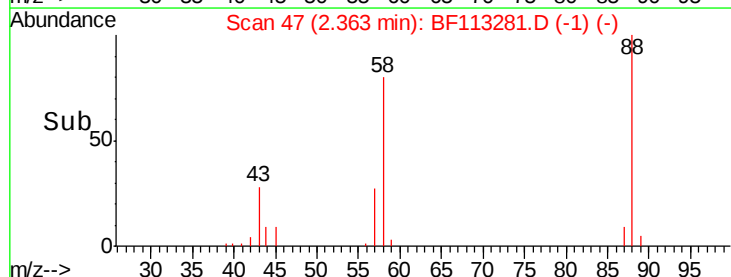
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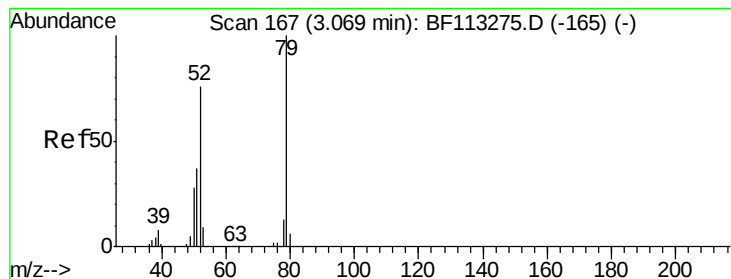
1,4-Dioxane
Concen: 16.860 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 88 Resp: 83210
Ion Ratio Lower Upper
88 100
58 78.1 61.9 92.9
43 29.9 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: 17.025 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.03 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

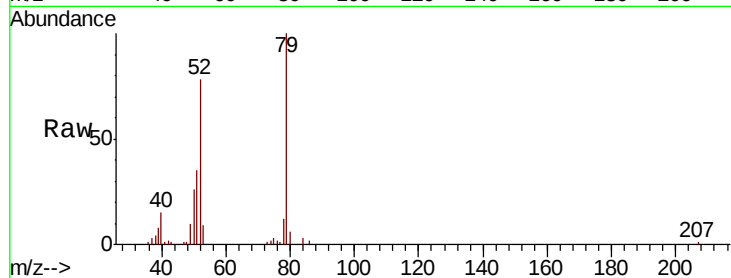
Tgt Ion: 79 Resp: 207145

Ion Ratio Lower Upper

79 100

52 77.7 61.0 91.4

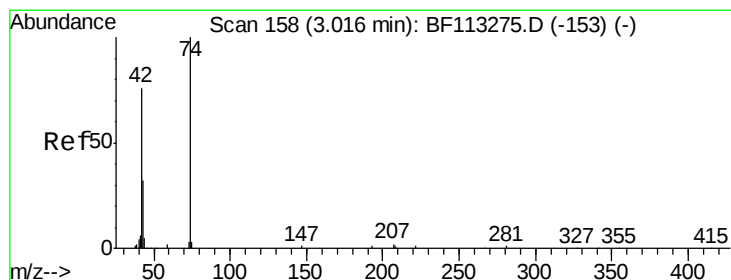
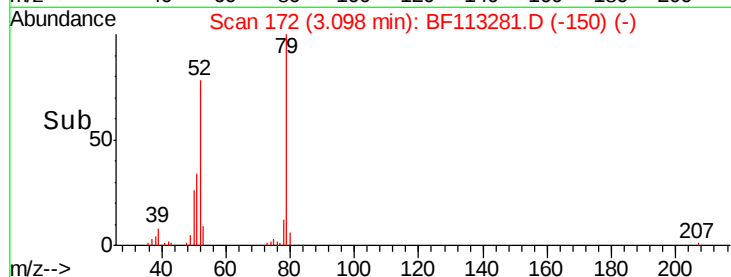
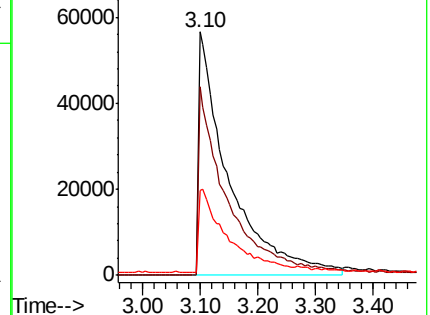
51 35.0 30.6 45.8



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: 15.745 ng

RT: 2.99 min Scan# 154

Delta R.T. -0.02 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

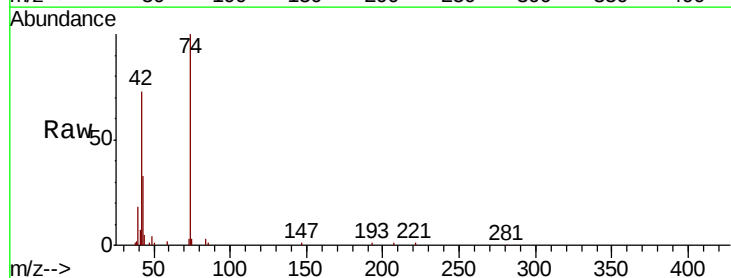
Tgt Ion: 42 Resp: 85163

Ion Ratio Lower Upper

42 100

74 136.6 102.4 153.6

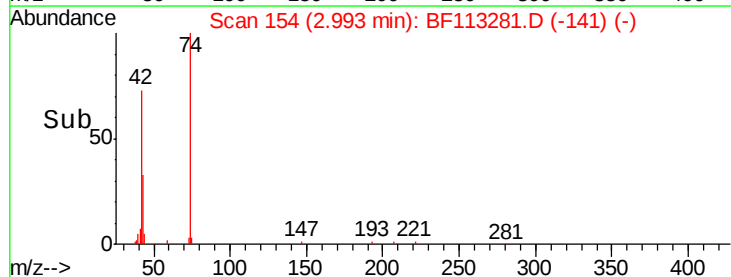
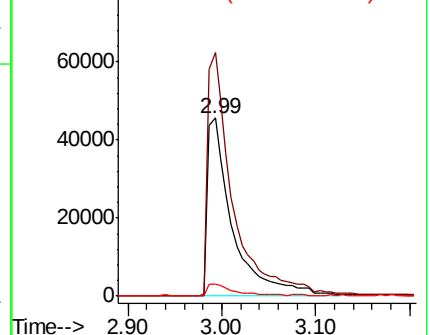
44 6.9 5.5 8.3

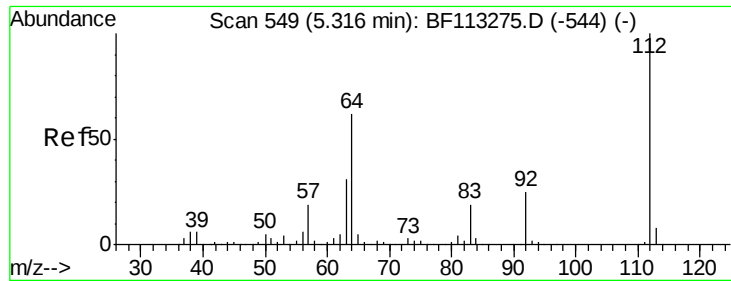


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.994 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

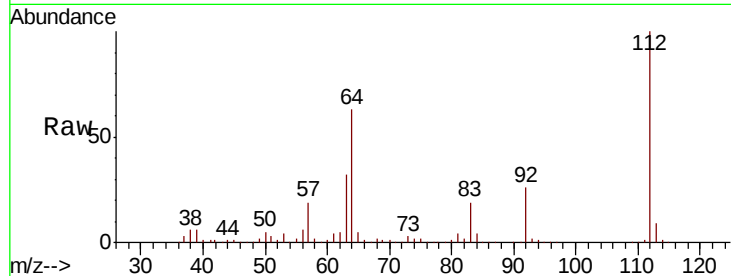
Tgt Ion: 112 Resp: 982421

Ion Ratio Lower Upper

112 100

64 63.0 49.2 73.8

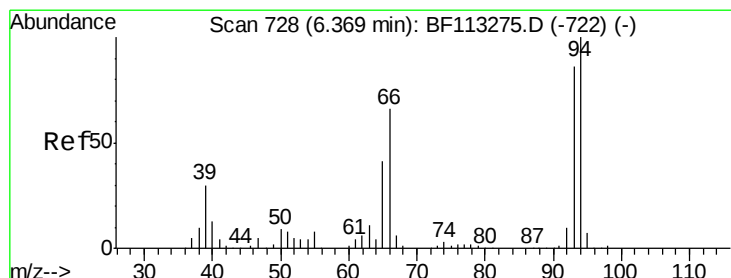
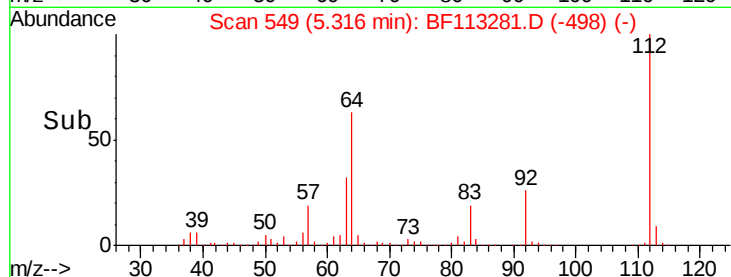
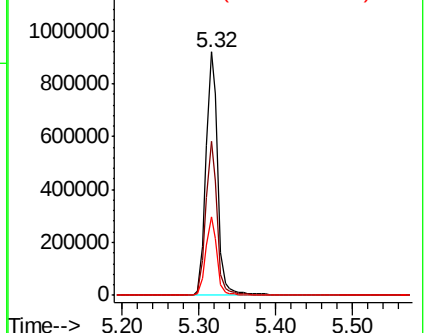
63 32.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.251 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

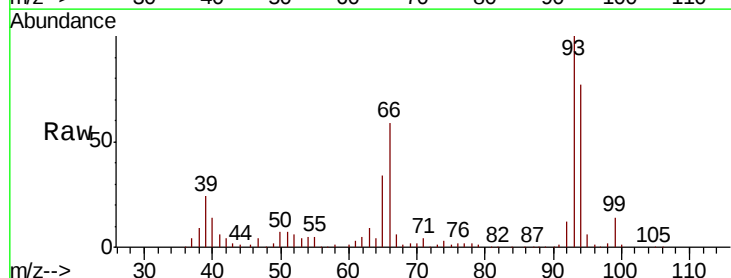
Tgt Ion: 93 Resp: 273509

Ion Ratio Lower Upper

93 100

66 59.1 62.1 93.1#

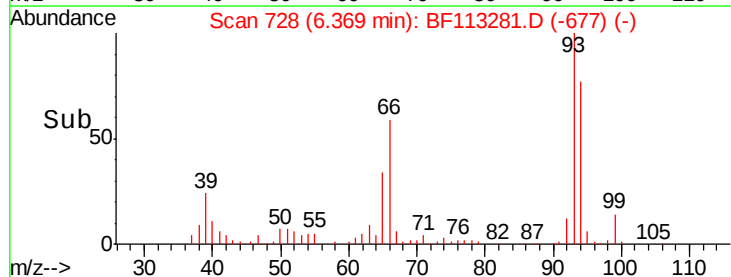
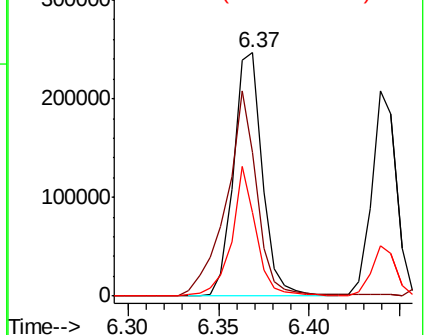
65 34.2 38.7 58.1#

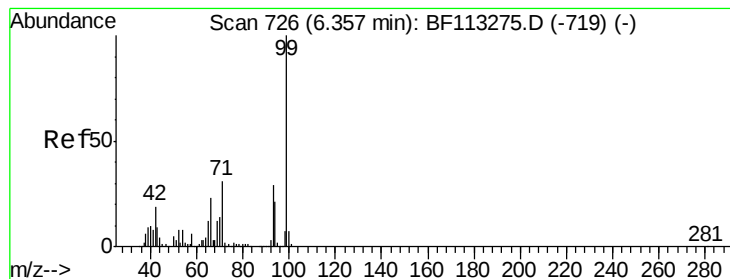


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.380 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

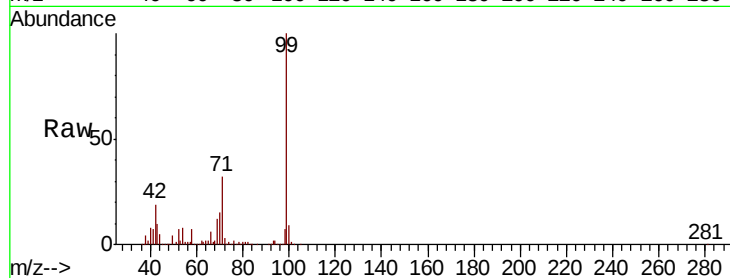
Tgt Ion: 99 Resp: 1321400

Ion Ratio Lower Upper

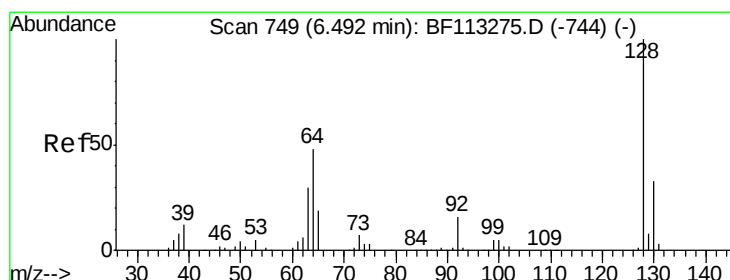
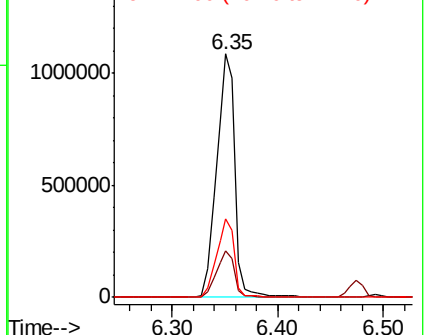
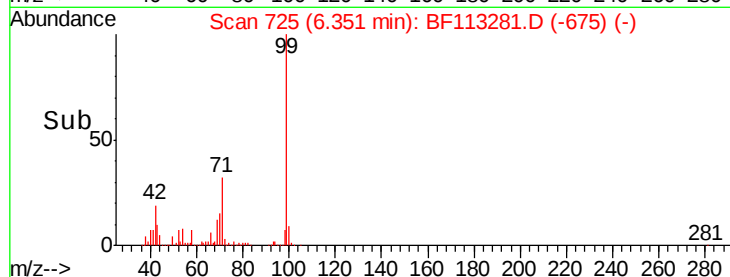
99 100

42 19.0 14.8 22.2

71 32.3 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: 17.226 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

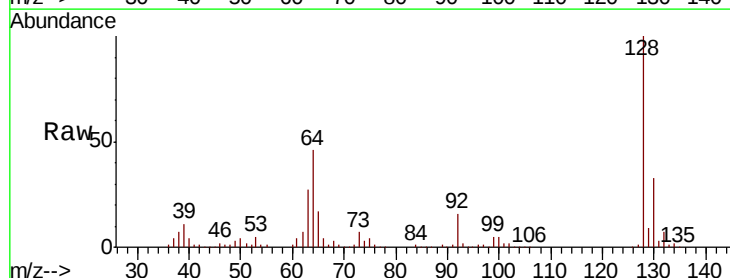
Tgt Ion: 128 Resp: 194583

Ion Ratio Lower Upper

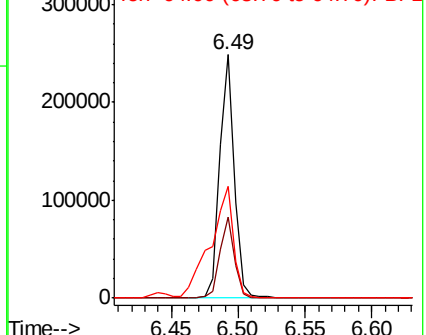
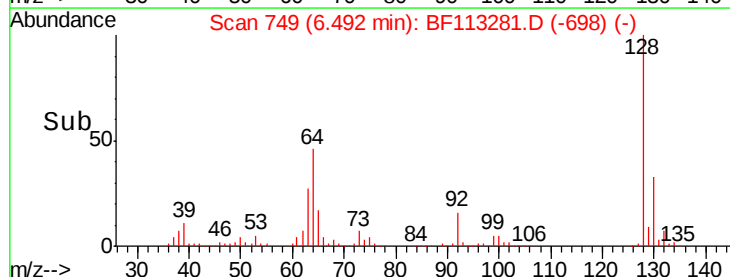
128 100

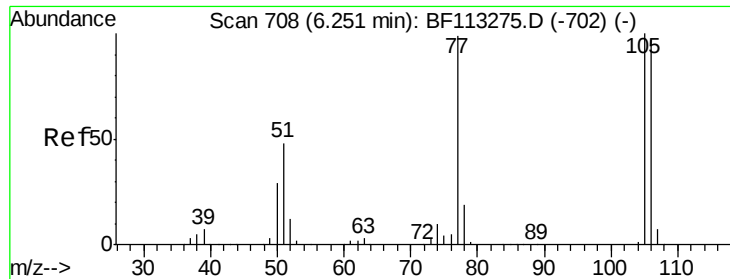
130 33.4 12.6 52.6

64 46.0 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

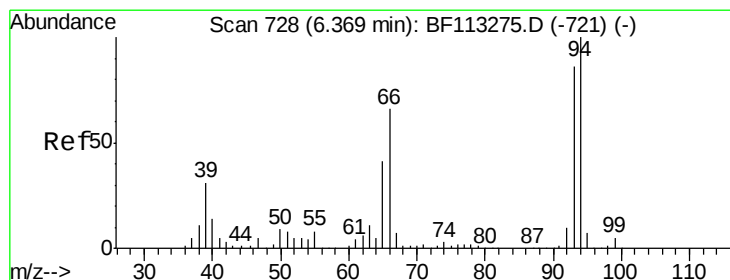
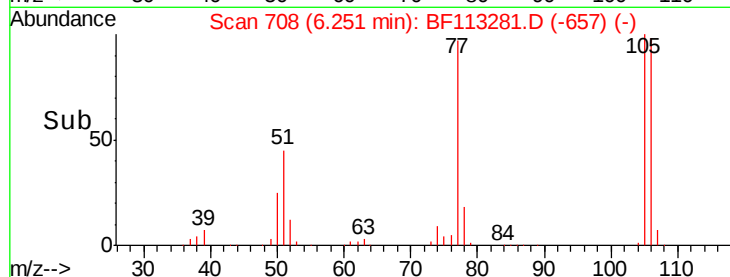
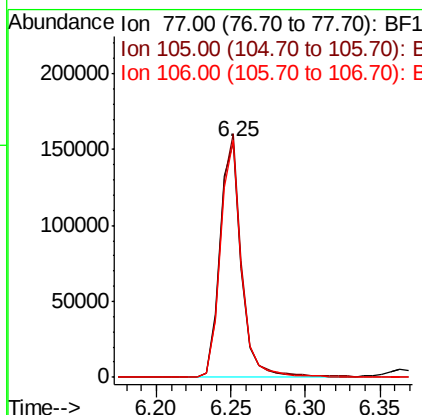
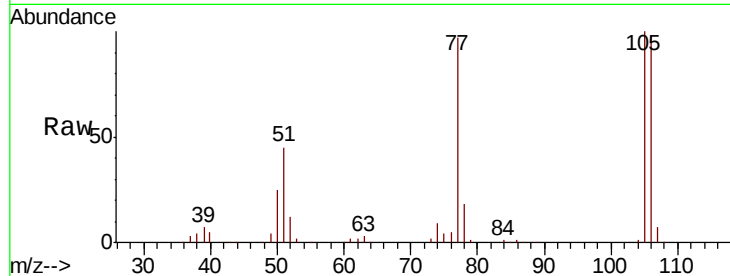




#9
Benzaldehyde
Concen: 19.124 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

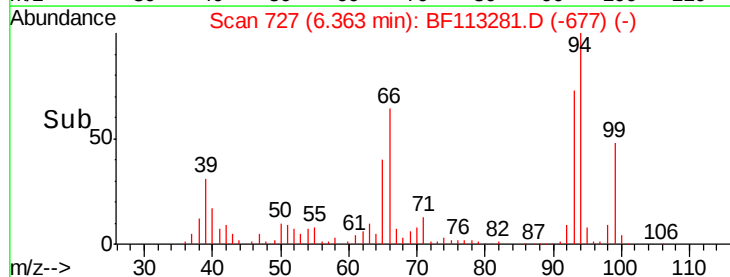
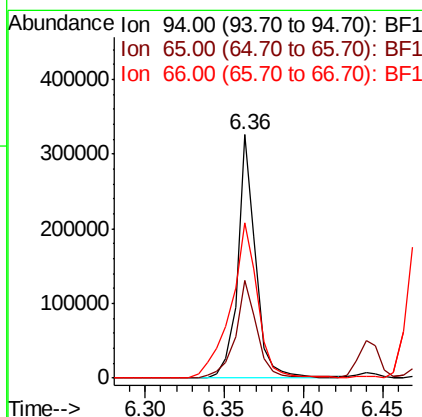
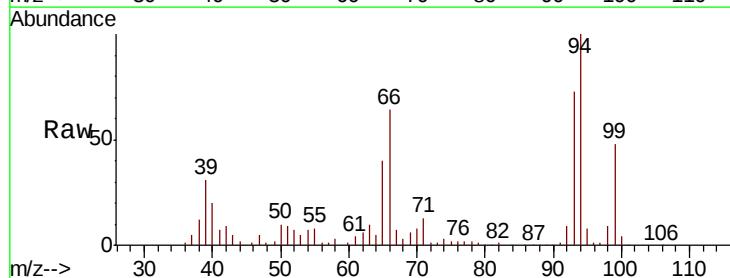
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 77 Resp: 157917
Ion Ratio Lower Upper
77 100
105 103.5 80.9 120.9
106 101.1 77.8 117.8



#10
Phenol
Concen: 18.272 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 94 Resp: 256698
Ion Ratio Lower Upper
94 100
65 40.3 21.4 61.4
66 63.9 46.4 86.4

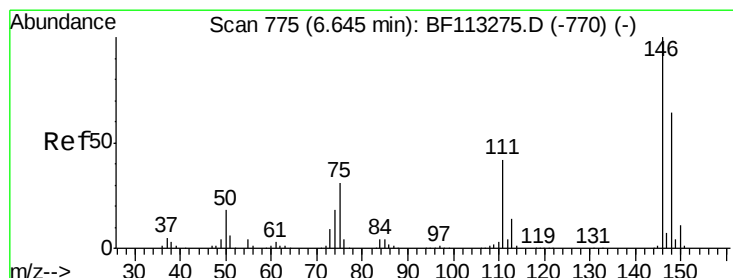
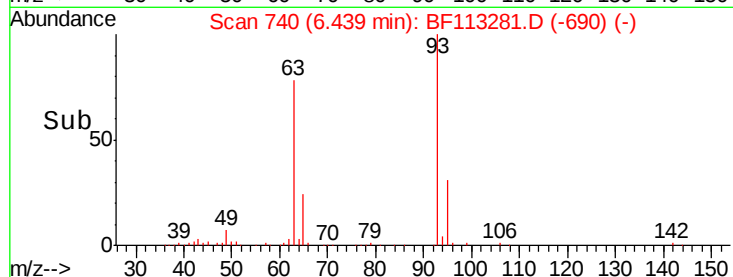
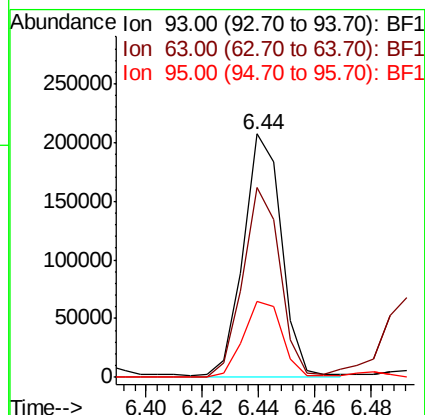
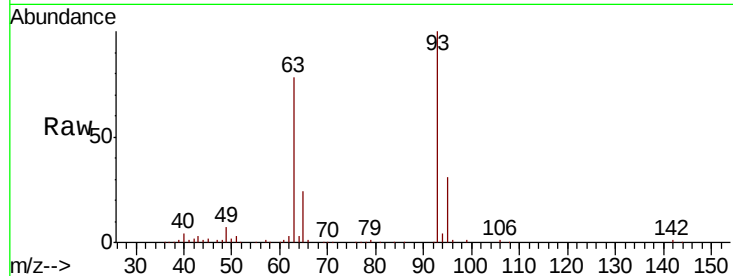




#11
bis(2-Chloroethyl)ether
Concen: 18.207 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

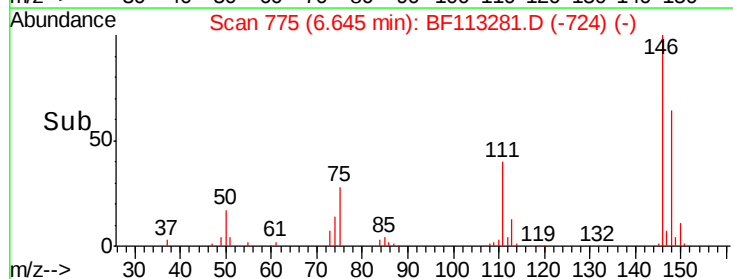
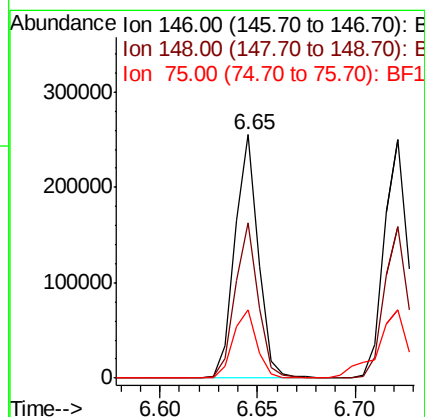
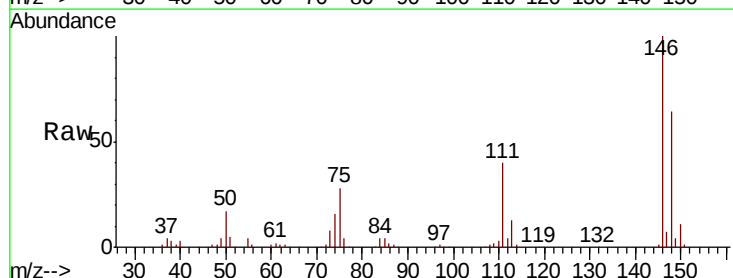
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

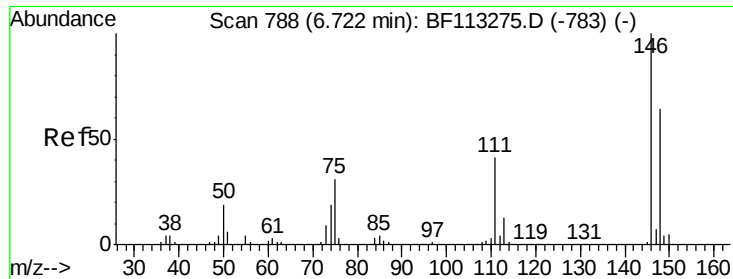
Tgt Ion: 93 Resp: 196066
Ion Ratio Lower Upper
93 100
63 78.2 56.1 96.1
95 31.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 17.427 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 146 Resp: 212200
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 27.8 24.8 37.2

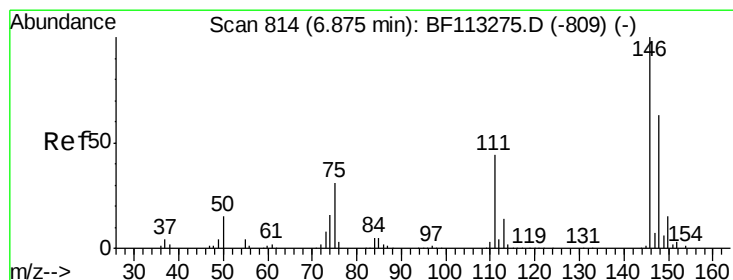
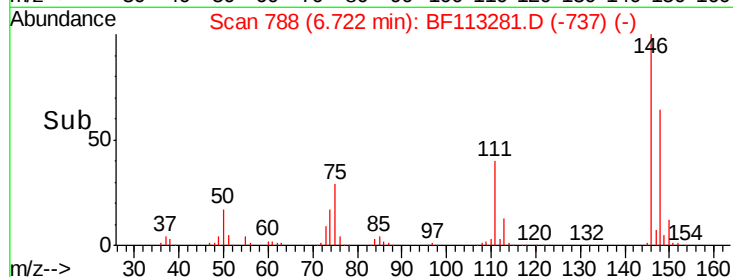
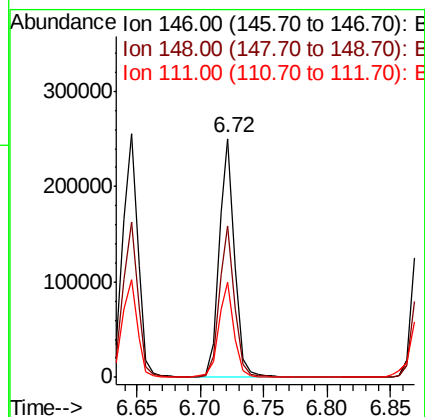
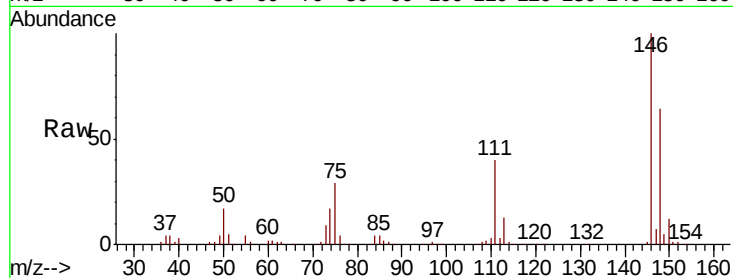




#13
 1,4-Dichlorobenzene
 Concen: 18.361 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

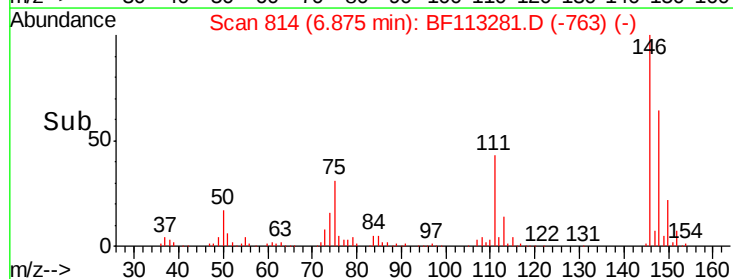
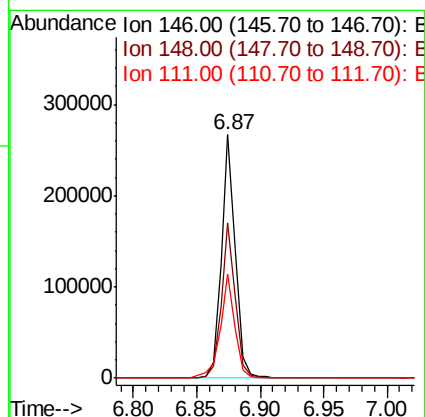
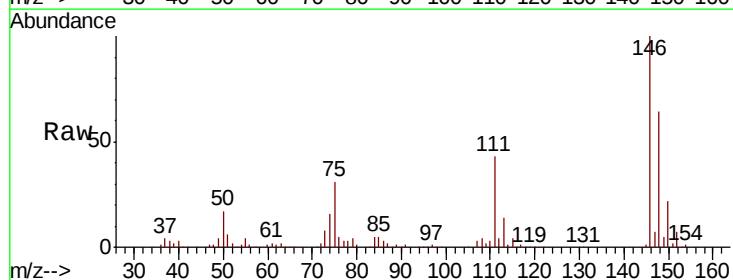
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:146 Resp: 215865
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 39.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 17.890 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:146 Resp: 206919
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.4
 111 42.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 18.277 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

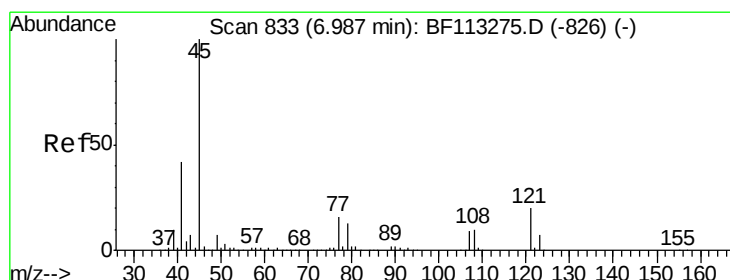
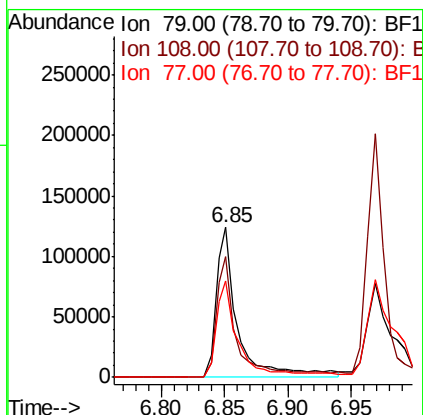
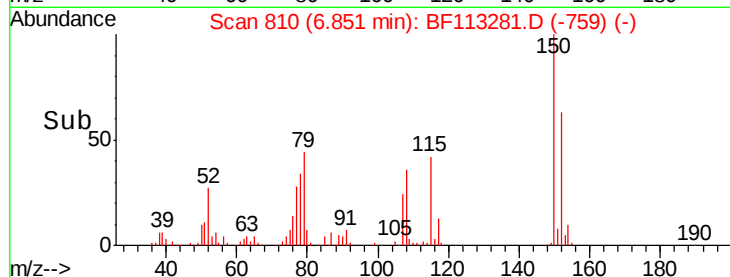
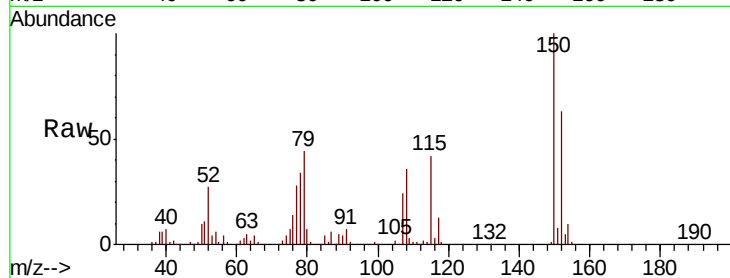
Tgt Ion: 79 Resp: 148375

Ion Ratio Lower Upper

79 100

108 81.0 62.0 93.0

77 64.1 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.765 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

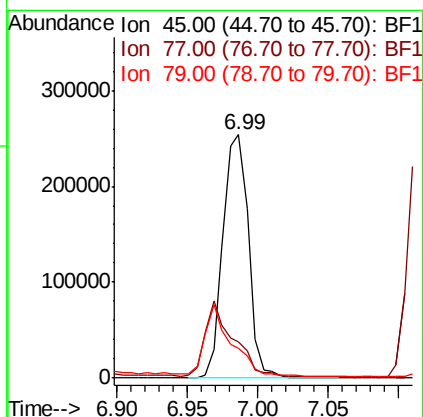
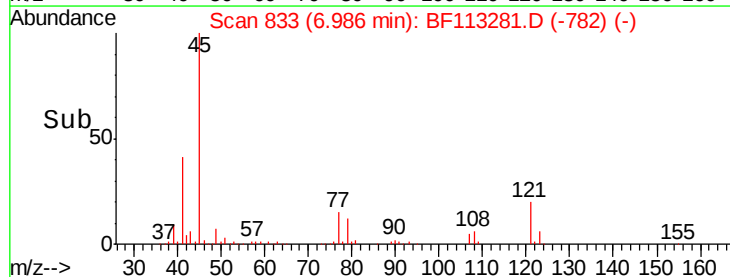
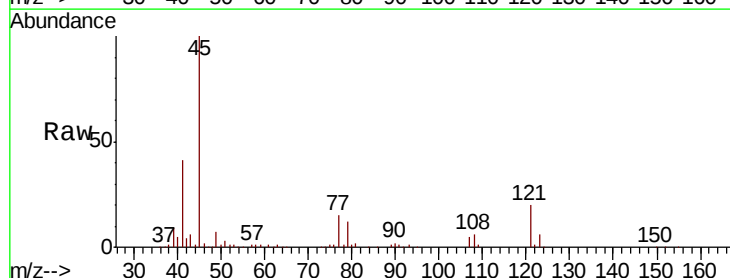
Tgt Ion: 45 Resp: 319751

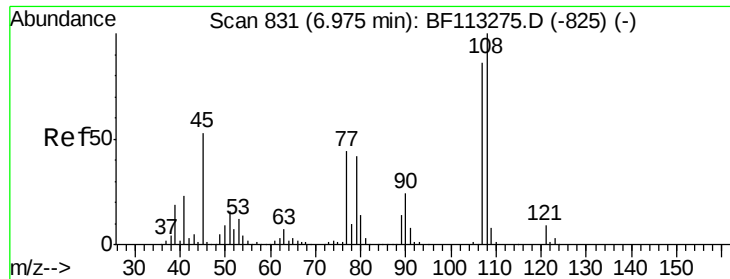
Ion Ratio Lower Upper

45 100

77 14.8 0.0 36.6

79 12.3 0.0 34.0

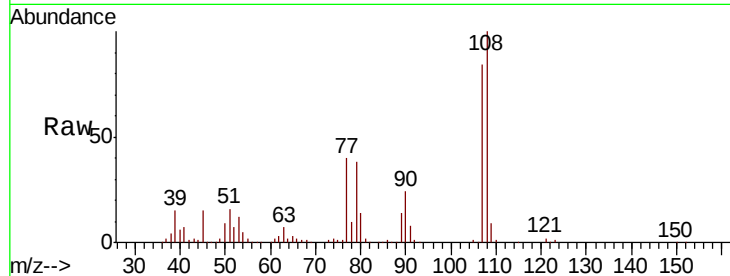




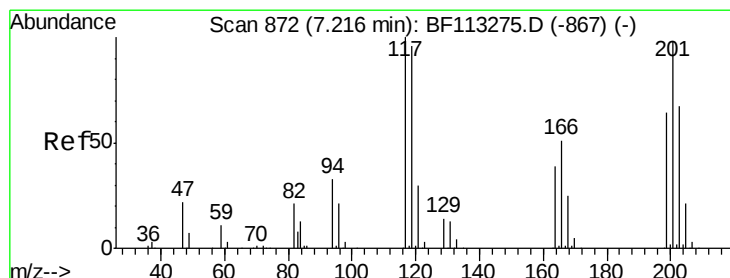
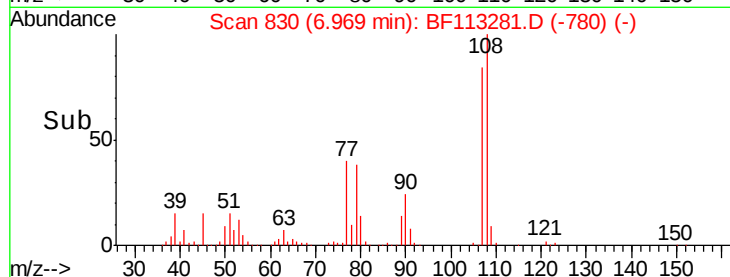
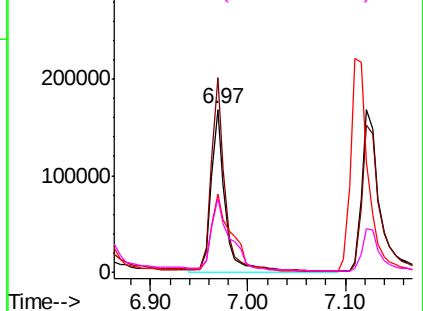
#17
2-Methylphenol
Concen: 18.849 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:107 Resp: 166862
Ion Ratio Lower Upper
107 100
108 119.3 93.4 140.0
77 47.8 41.2 61.8
79 45.7 40.1 60.1

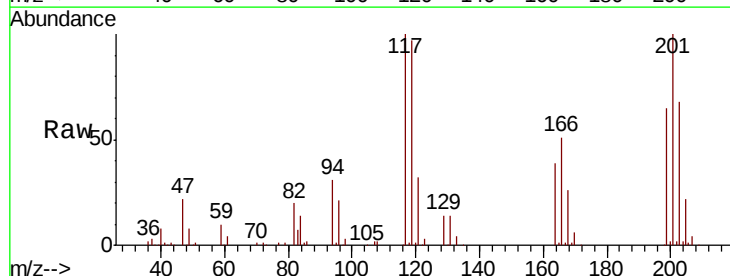


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

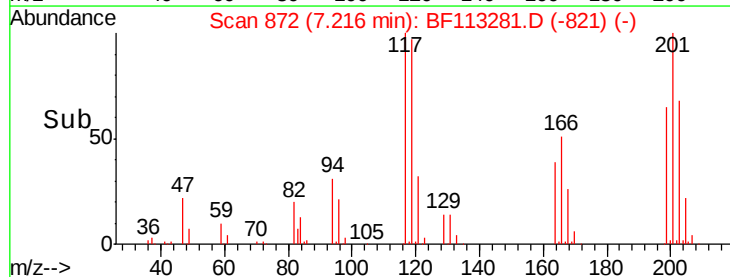
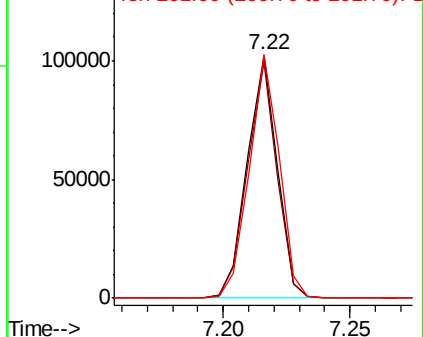


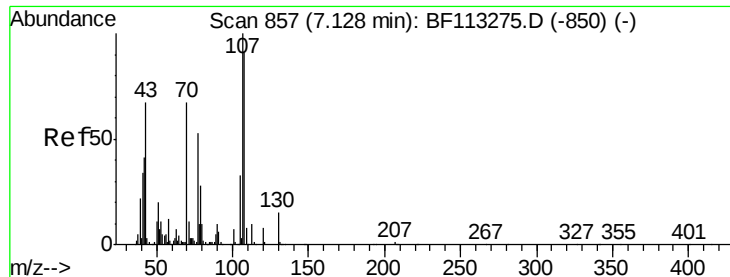
#18
Hexachloroethane
Concen: 20.005 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:117 Resp: 84476
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
201 100.3 78.7 118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

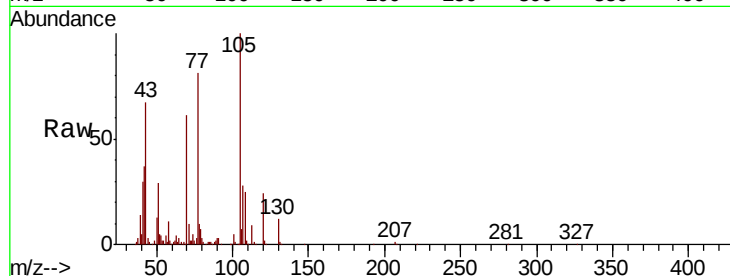




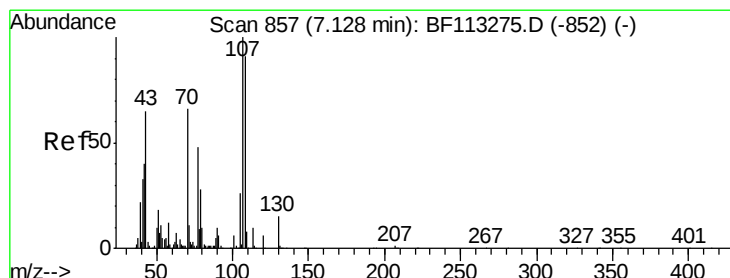
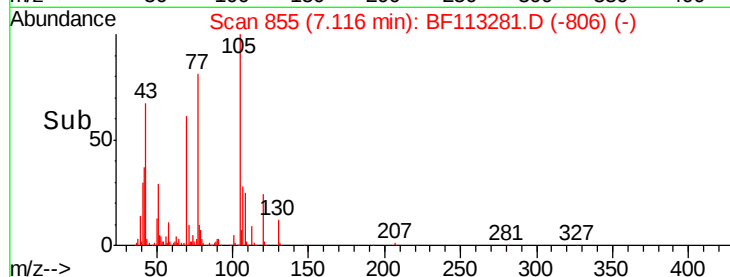
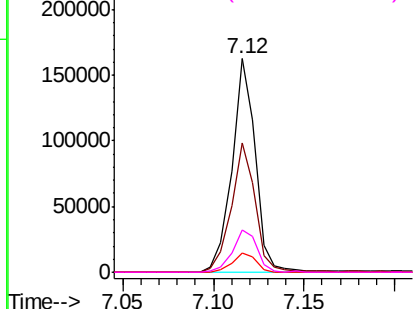
#19
n-Nitroso-di-n-propylamine
Concen: 19.029 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:	70	Resp:	147087
Ion	Ratio	Lower	Upper
70	100		
42	60.8	48.4	72.6
101	8.8	7.8	11.8
130	20.1	18.2	27.4

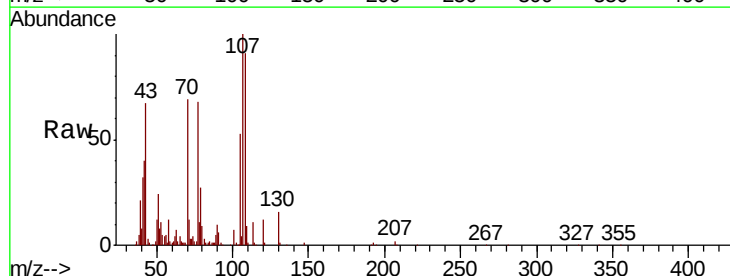


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

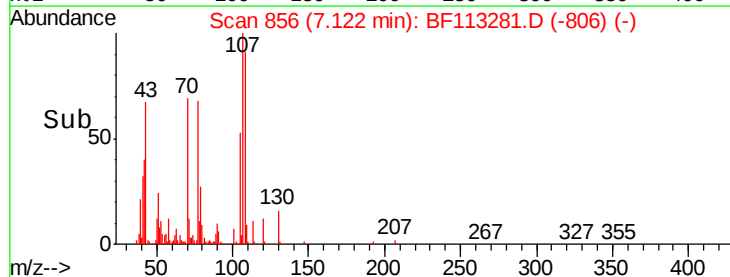
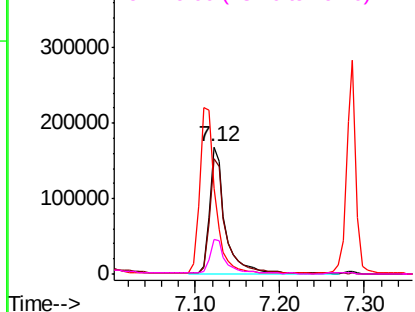


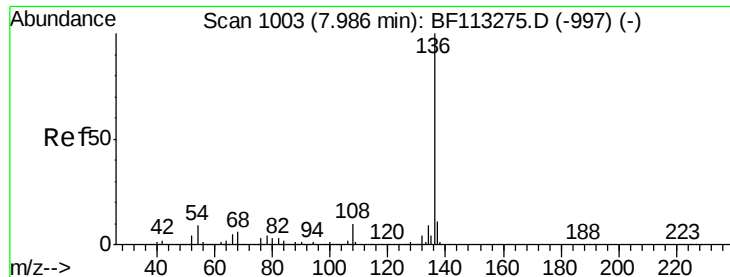
#20
3+4-Methylphenols
Concen: 16.511 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:	107	Resp:	216081
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	67.5	33.5	73.5
79	26.9	8.3	48.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

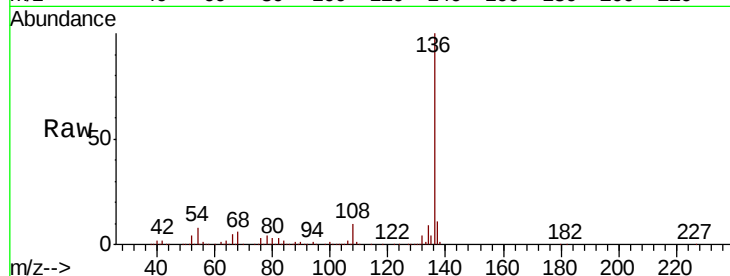




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:	136	Resp:	673926
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	7.0	10.6
68	6.0	4.8	7.2



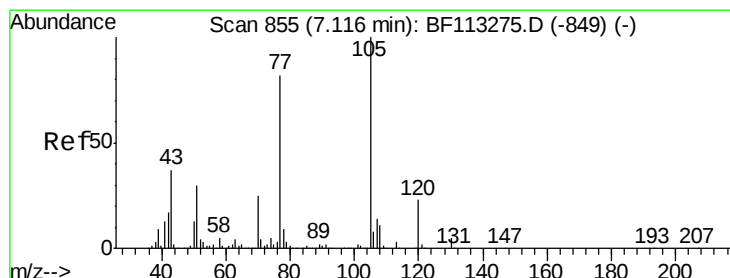
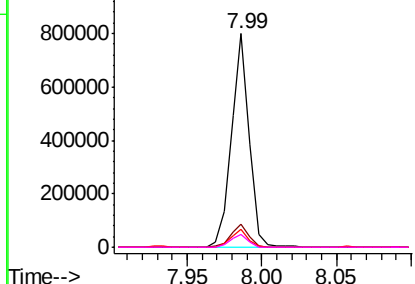
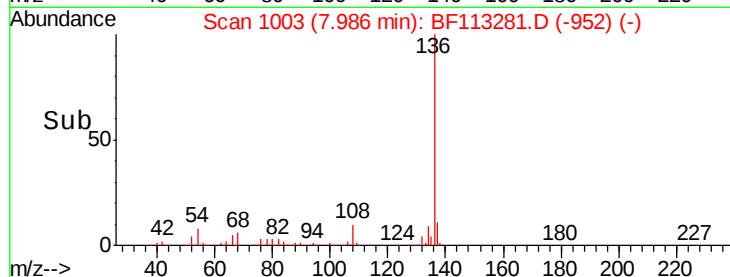
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

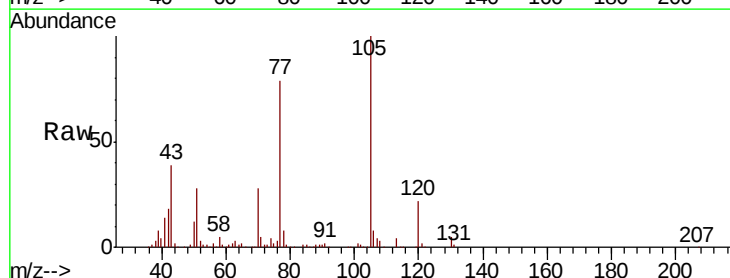
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 18.446 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:	105	Resp:	283501
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.3	4.9
51	28.3	24.2	36.2
120	22.2	18.1	27.1



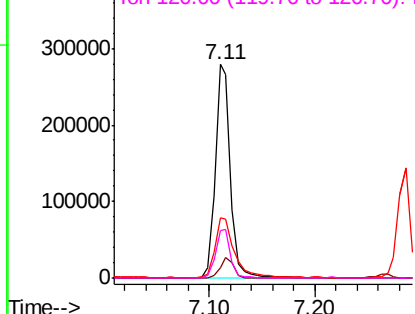
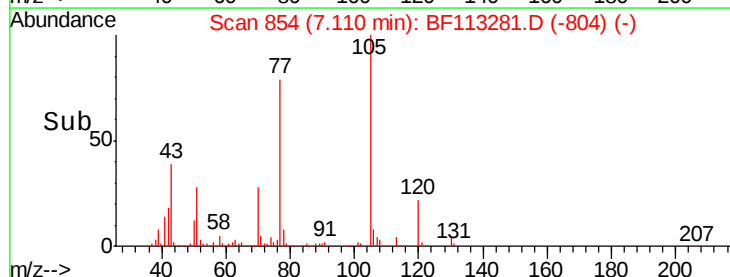
Abundance

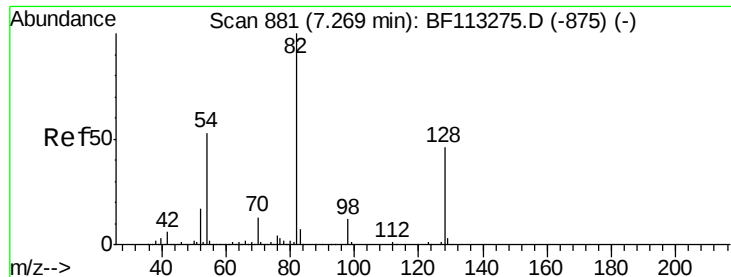
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

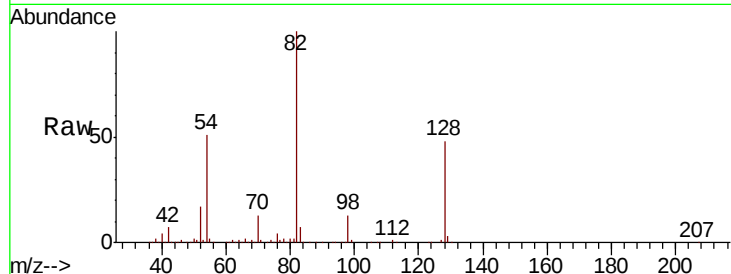




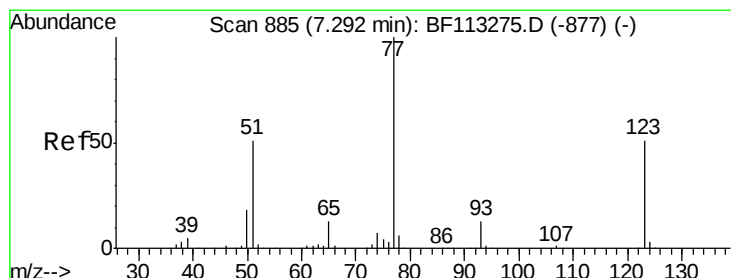
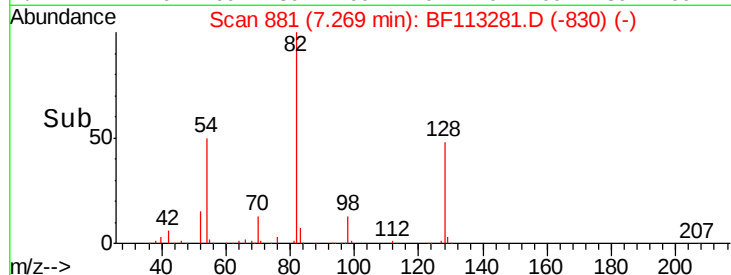
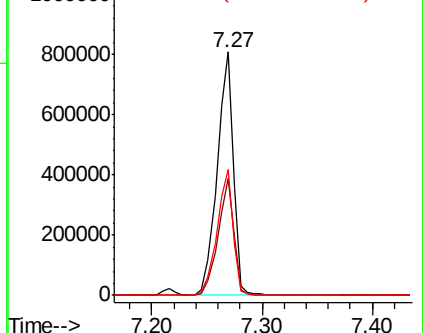
#23
 Nitrobenzene-d5
 Concen: 72.420 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion: 82 Resp: 822276
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.5 54.7
 54 51.5 42.2 63.2

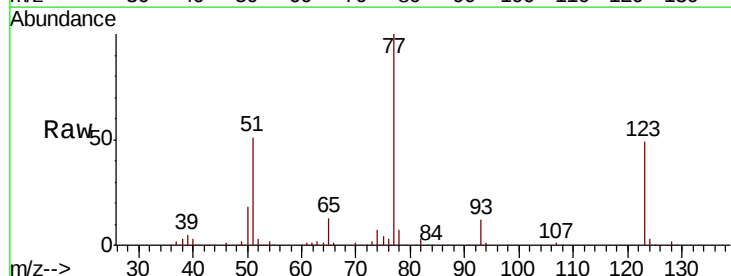


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

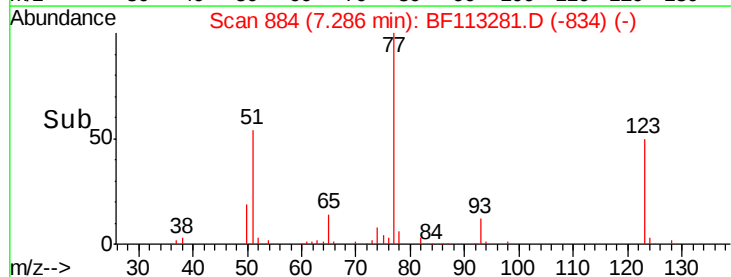
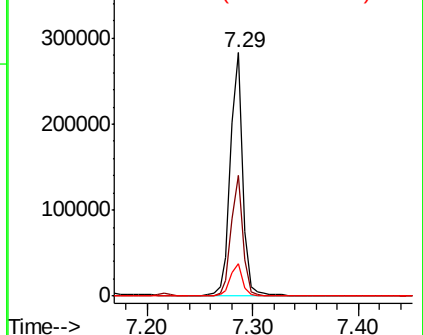


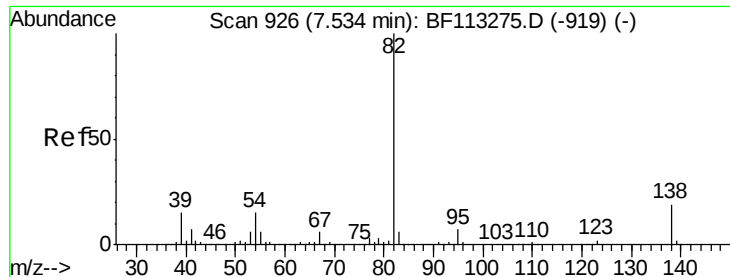
#24
 Nitrobenzene
 Concen: 19.099 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion: 77 Resp: 226291
 Ion Ratio Lower Upper
 77 100
 123 49.4 40.8 61.2
 65 13.2 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

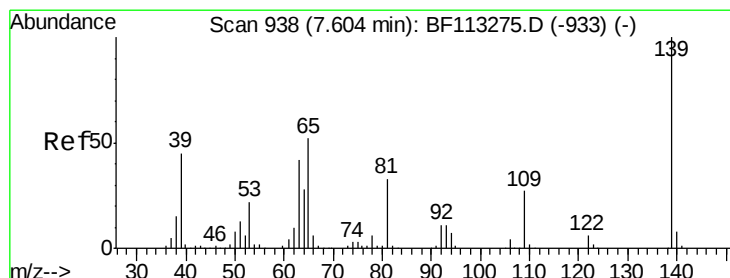
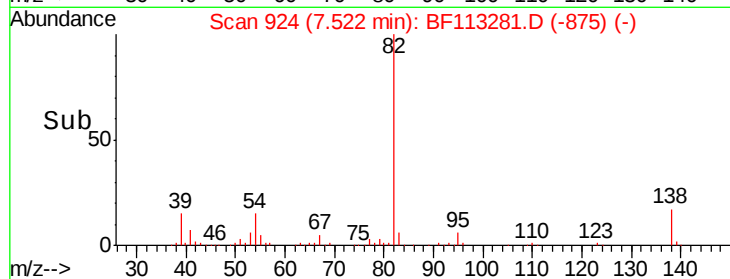
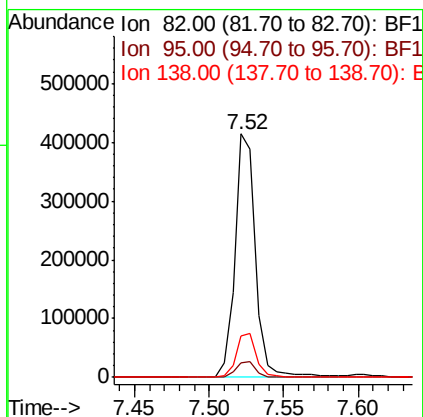
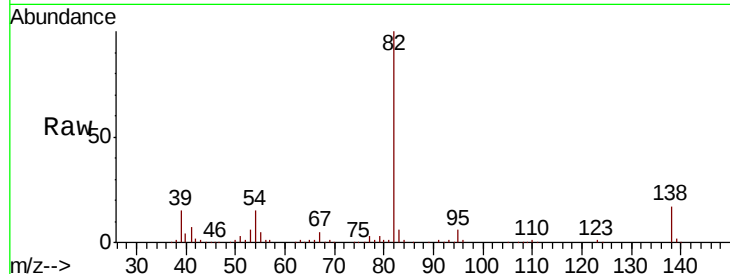




#25
Isophorone
Concen: 18.214 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

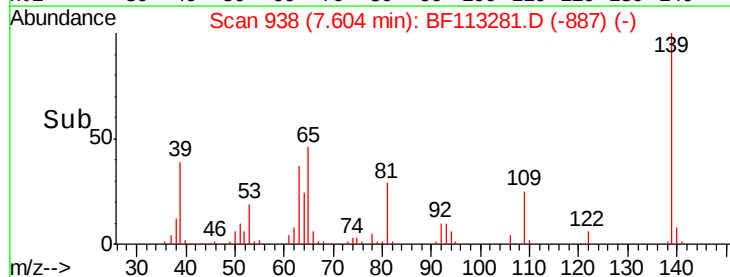
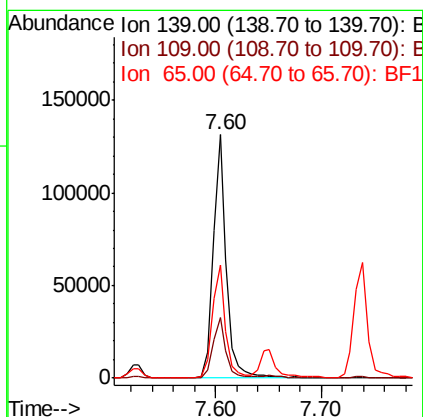
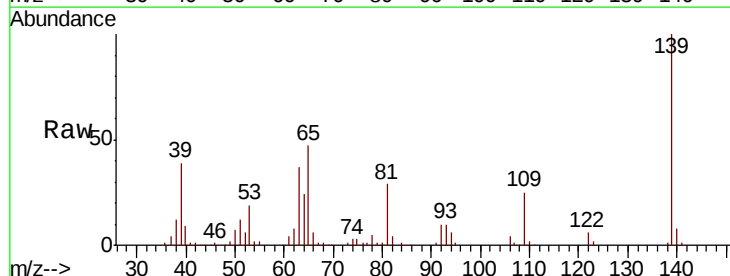
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

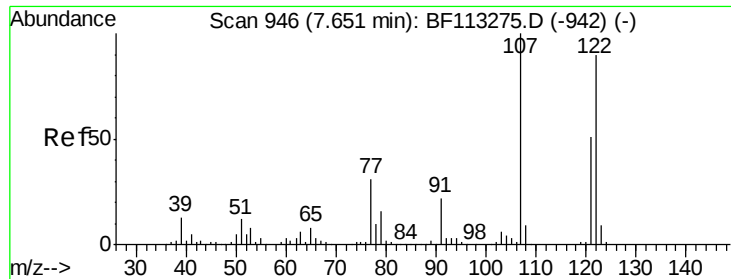
Tgt Ion: 82 Resp: 400790
Ion Ratio Lower Upper
82 100
95 6.2 5.5 8.3
138 16.9 15.2 22.8



#26
2-Nitrophenol
Concen: 18.480 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 139 Resp: 115734
Ion Ratio Lower Upper
139 100
109 25.0 21.7 32.5
65 46.6 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 18.753 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

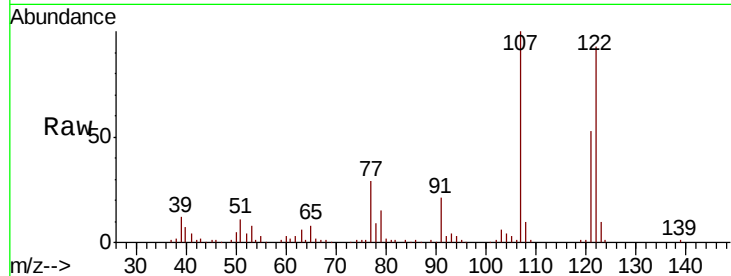
Tgt Ion:122 Resp: 168943

Ion Ratio Lower Upper

122 100

107 107.9 88.8 133.2

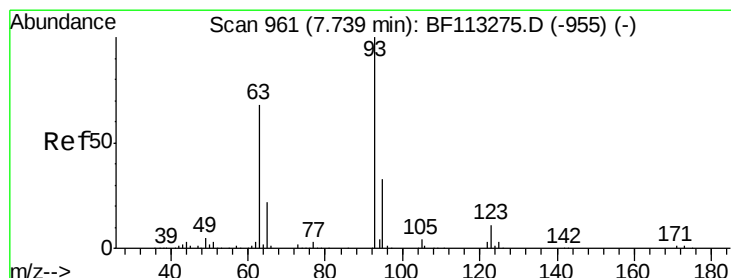
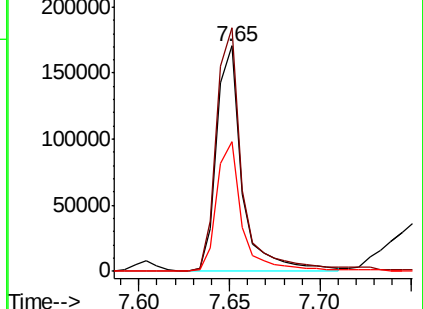
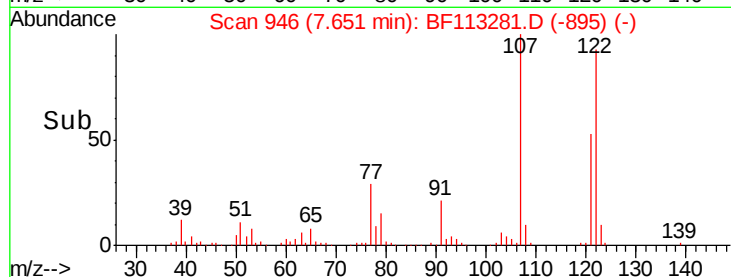
121 57.6 45.5 68.3



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: 19.046 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

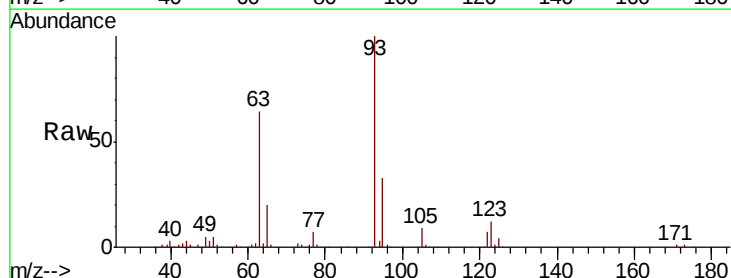
Tgt Ion: 93 Resp: 263914

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

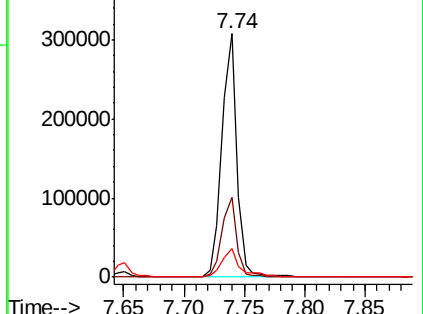
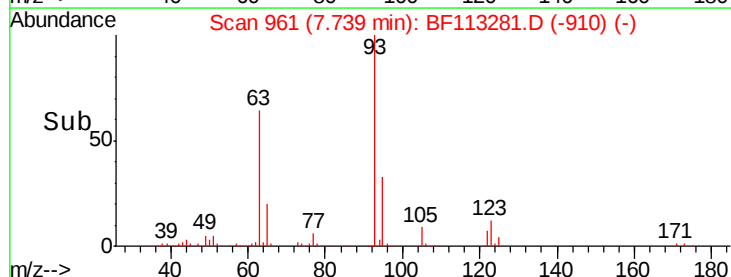
123 11.7 9.1 13.7

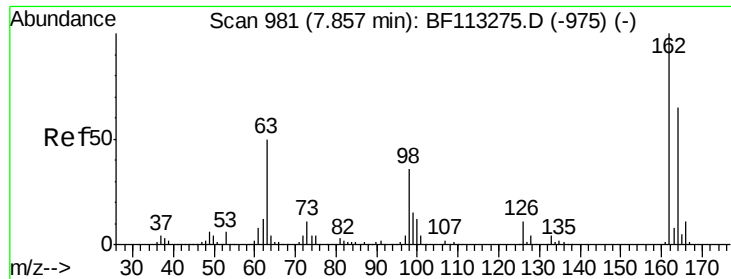


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

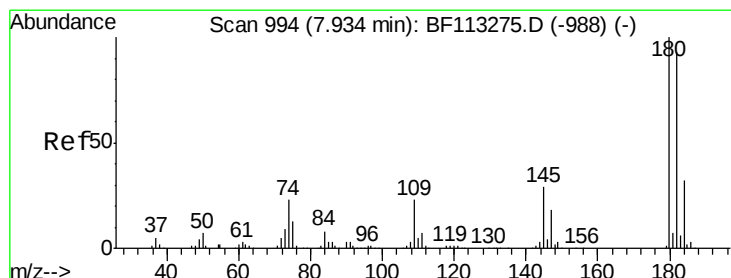
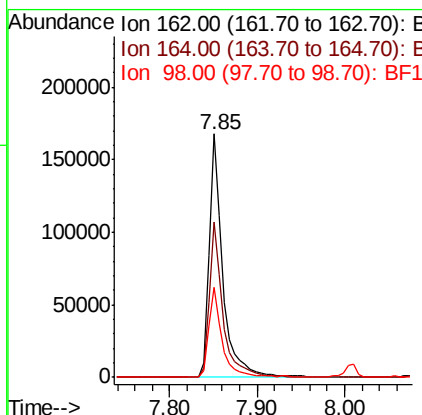
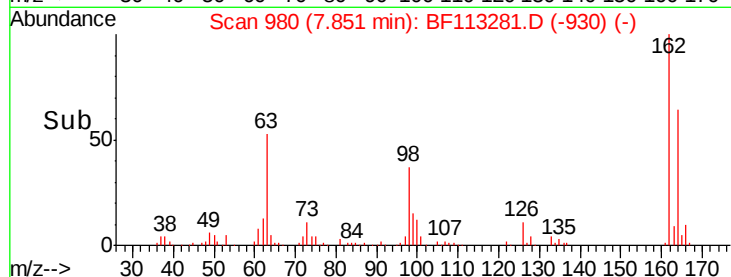
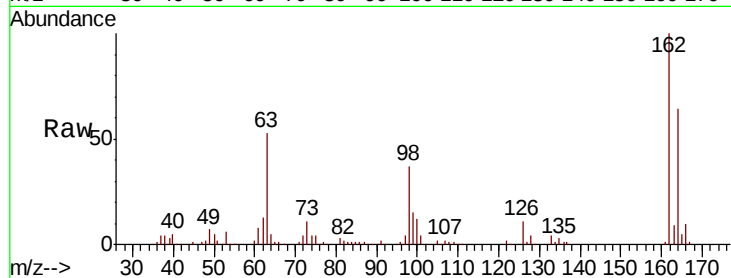




#29
2,4-Dichlorophenol
Concen: 18.627 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

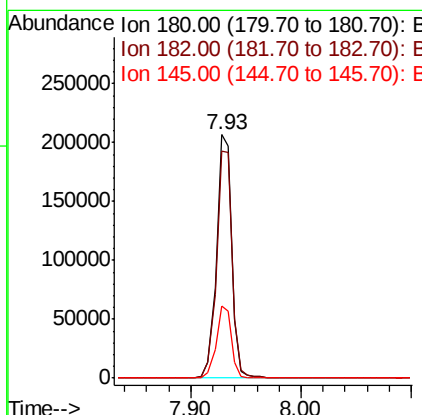
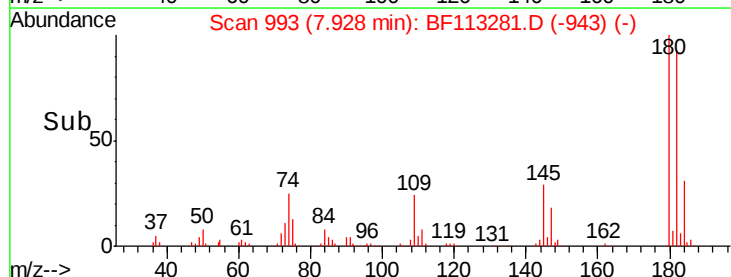
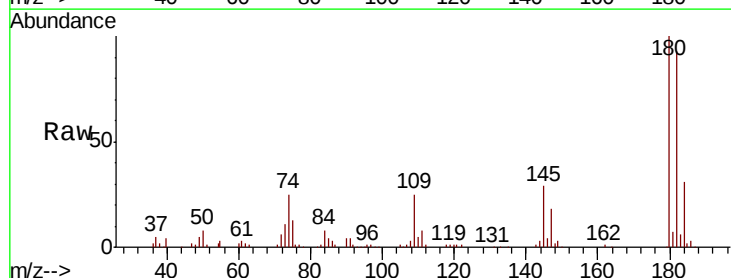
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

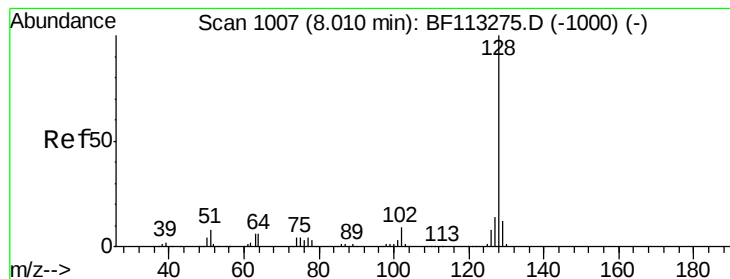
Tgt Ion:162 Resp: 181849
Ion Ratio Lower Upper
162 100
164 63.7 44.6 84.6
98 36.8 15.6 55.6



#30
1,2,4-Trichlorobenzene
Concen: 18.789 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:180 Resp: 197910
Ion Ratio Lower Upper
180 100
182 93.3 74.6 111.8
145 29.5 23.4 35.0





#31

Naphthalene

Concen: 19.245 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

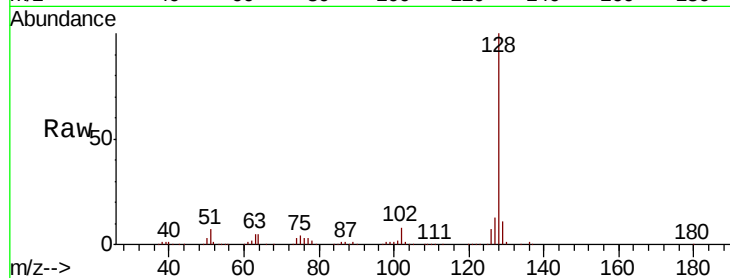
Tgt Ion:128 Resp: 633789

Ion Ratio Lower Upper

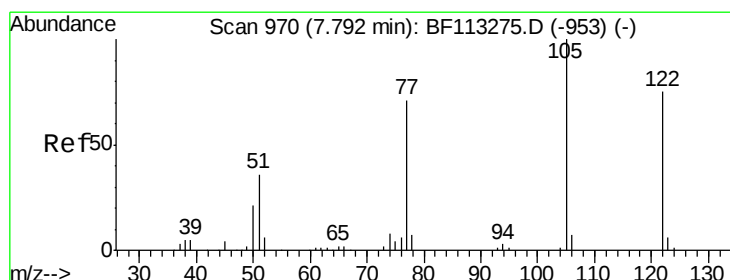
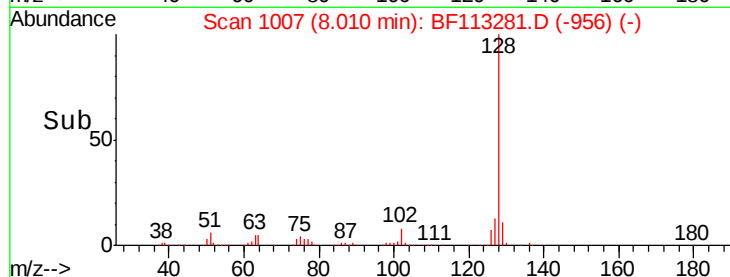
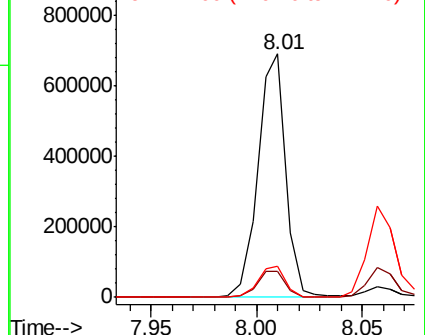
128 100

129 10.9 9.3 13.9

127 13.0 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: 14.169 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

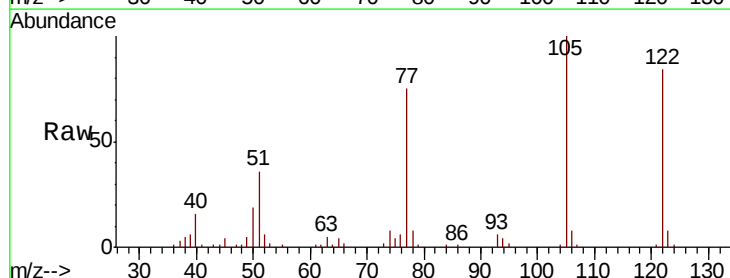
Tgt Ion:122 Resp: 102748

Ion Ratio Lower Upper

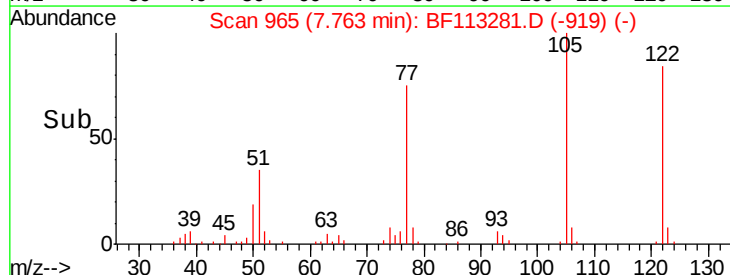
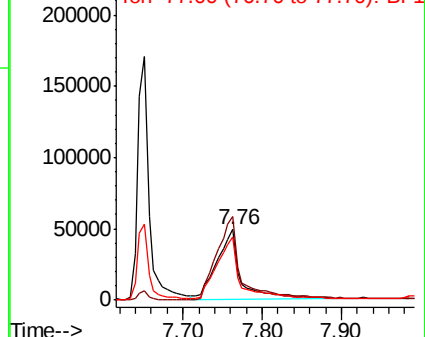
122 100

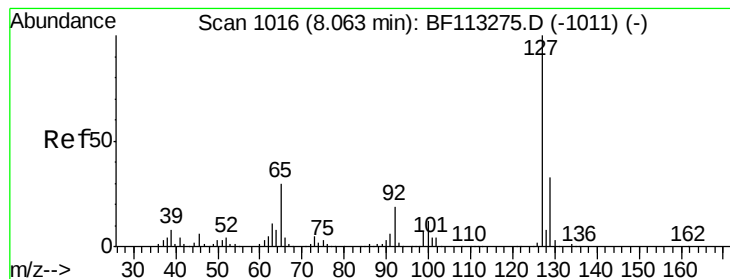
105 119.4 100.4 140.4

77 90.1 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: 19.416 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

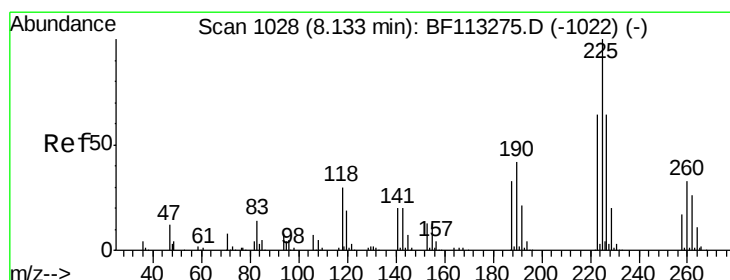
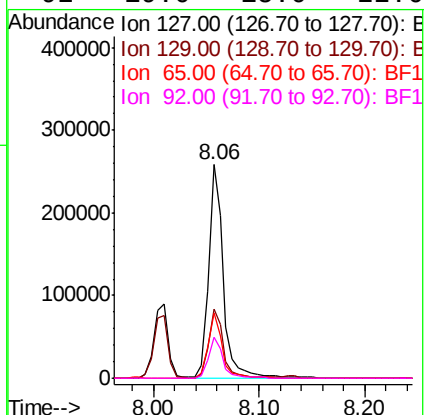
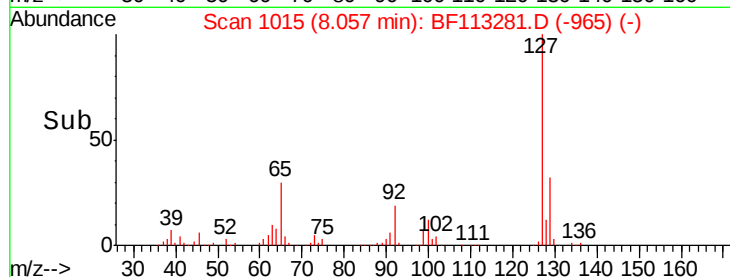
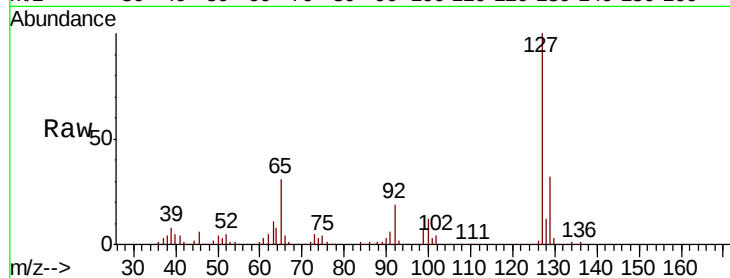
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	127	Resp:	249344
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.7	24.2	36.4
92	19.0	15.0	22.6



#34

Hexachlorobutadiene

Concen: 19.013 ng

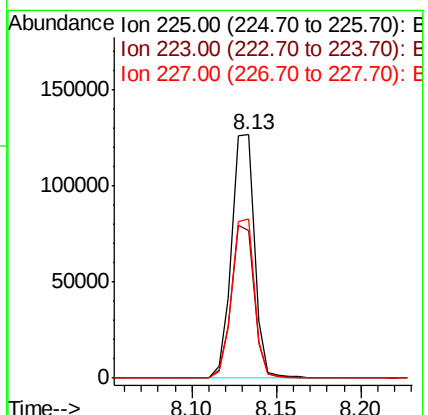
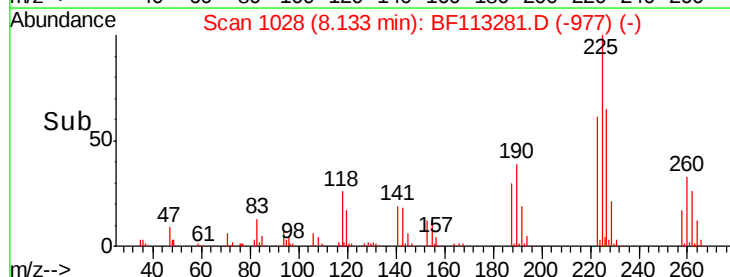
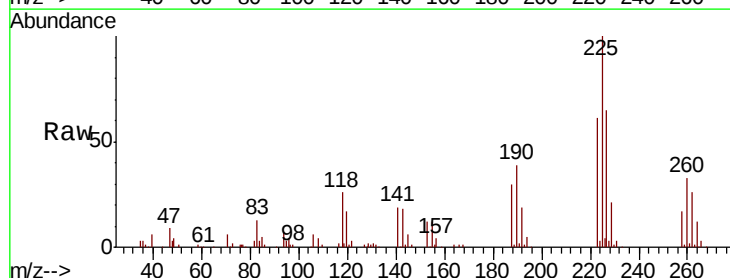
RT: 8.13 min Scan# 1028

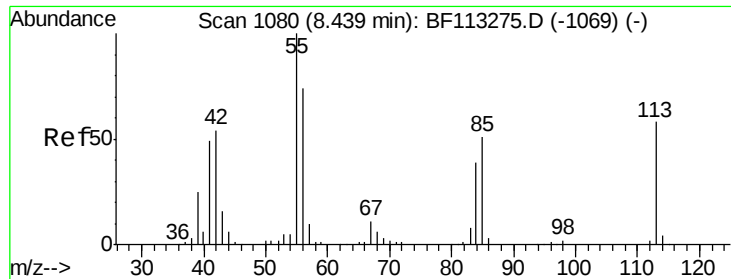
Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Tgt Ion:	225	Resp:	119027
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.4	77.2
227	65.1	51.1	76.7

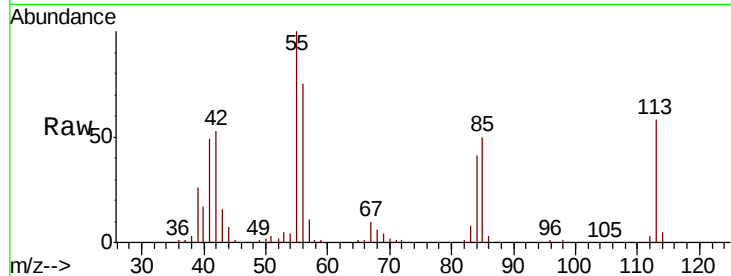




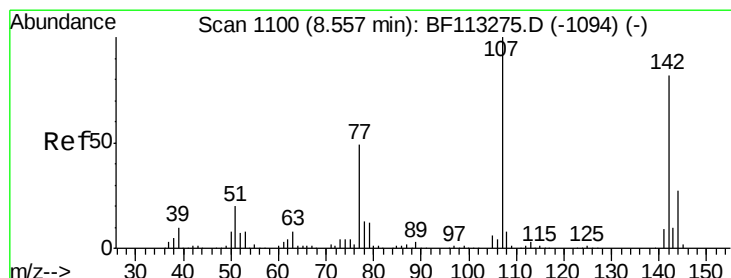
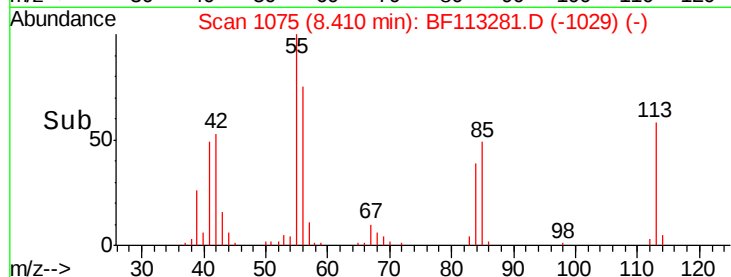
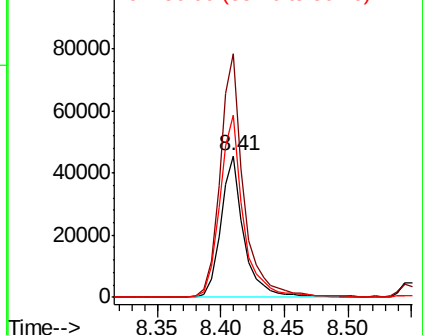
#35
 Caprolactam
 Concen: 18.188 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:113 Resp: 56989
 Ion Ratio Lower Upper
 113 100
 55 171.8 152.7 192.7
 56 128.8 108.3 148.3

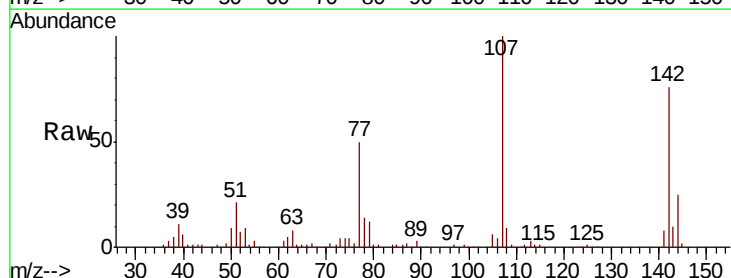


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

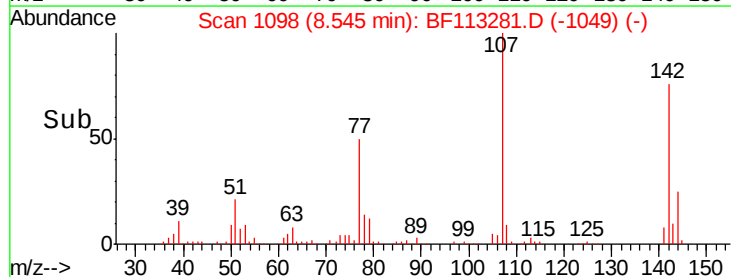
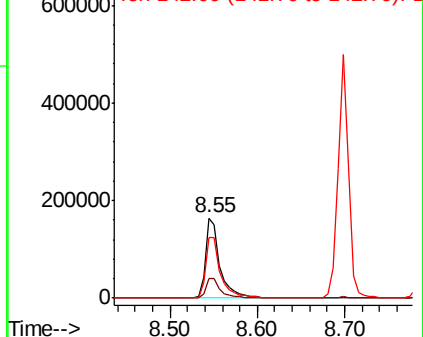


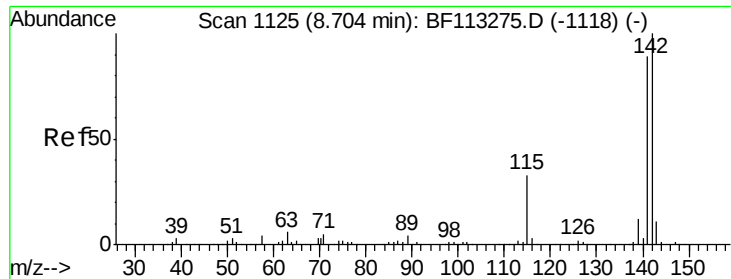
#36
 4-Chloro-3-methylphenol
 Concen: 19.102 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:107 Resp: 187570
 Ion Ratio Lower Upper
 107 100
 144 24.7 21.4 32.0
 142 75.8 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

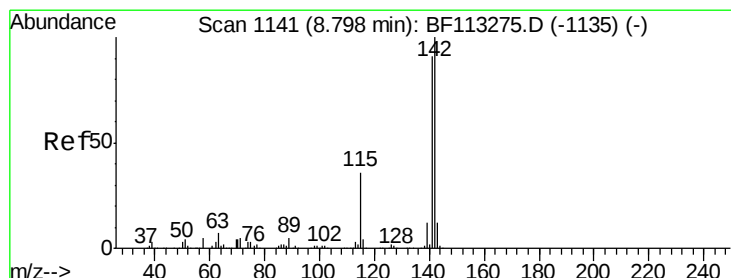
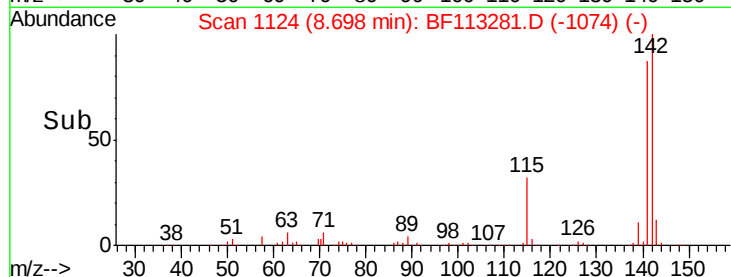
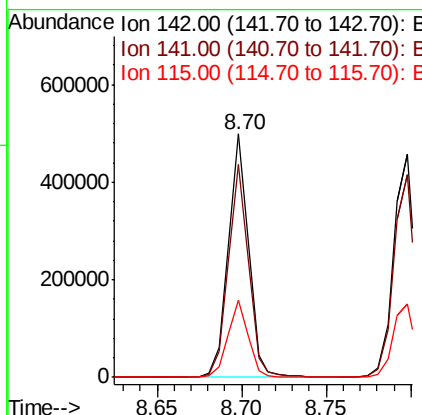
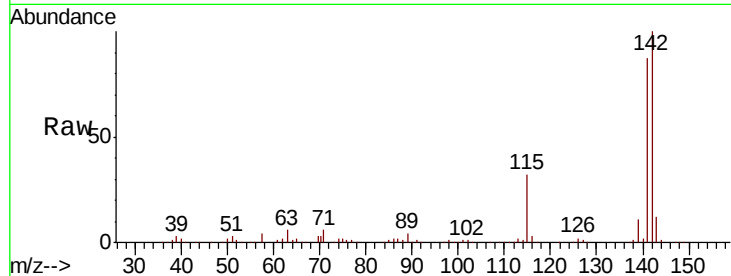




#37
 2-Methylnaphthalene
 Concen: 20.195 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

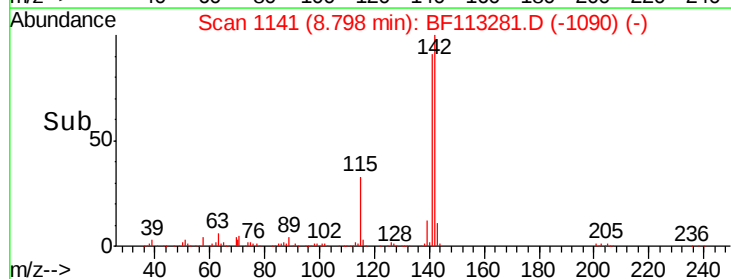
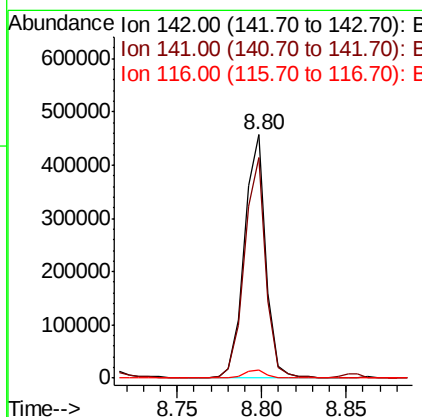
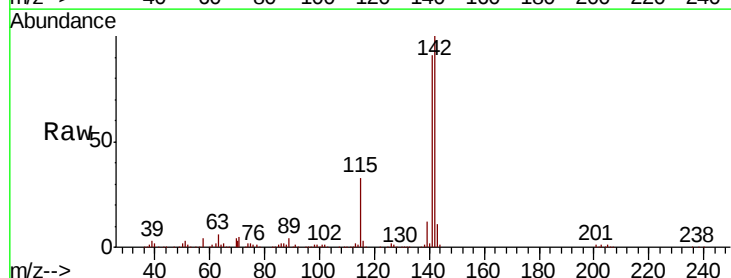
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

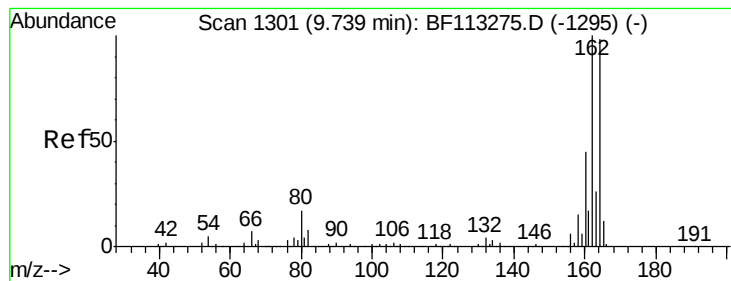
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.6
115	31.7	26.6	39.8



#38
 1-Methylnaphthalene
 Concen: 20.335 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.2	109.8
116	3.3	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: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

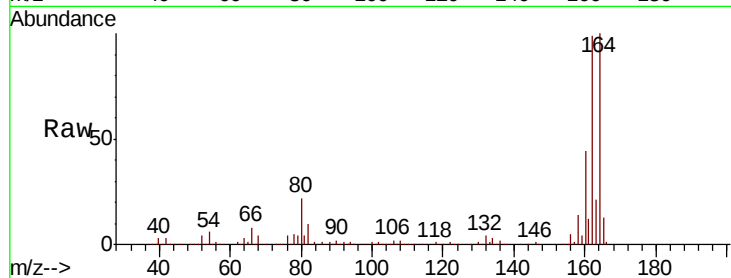
Tgt Ion:164 Resp: 335342

Ion Ratio Lower Upper

164 100

162 99.1 81.8 122.6

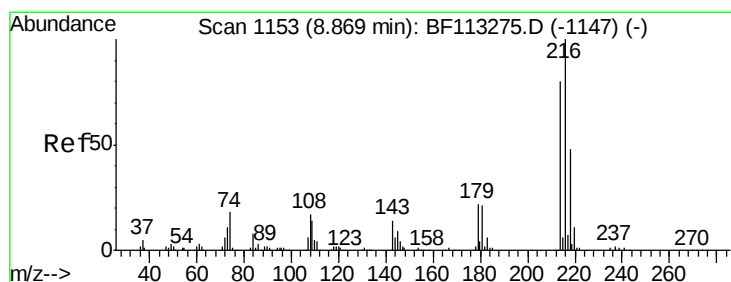
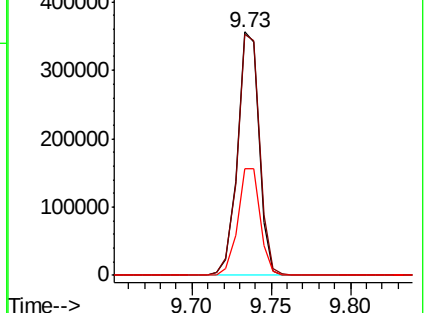
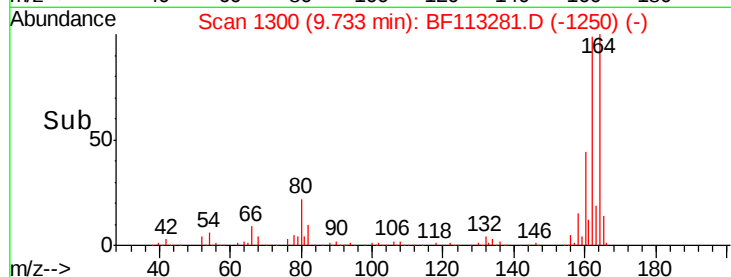
160 43.9 36.4 54.6



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: 18.419 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Tgt Ion:216 Resp: 198266

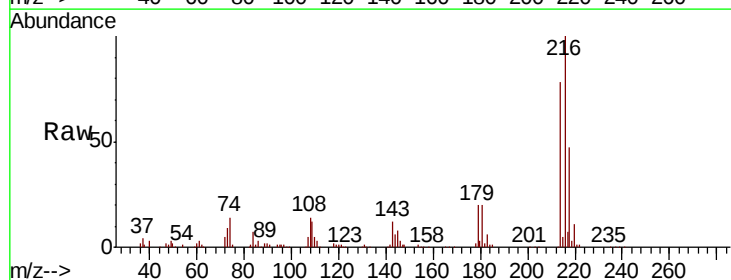
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.6

179 19.9 16.8 25.2

108 16.4 13.8 20.6

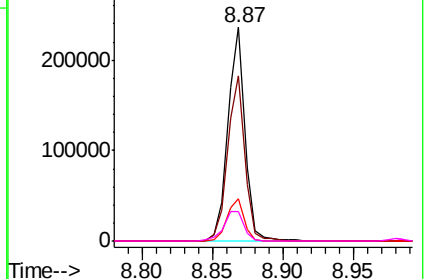
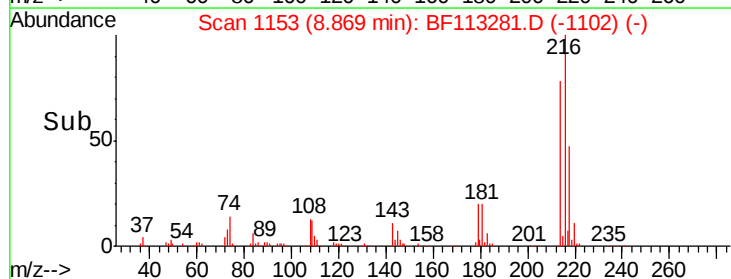


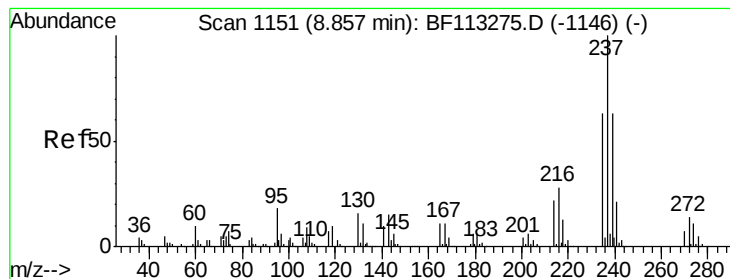
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.683 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

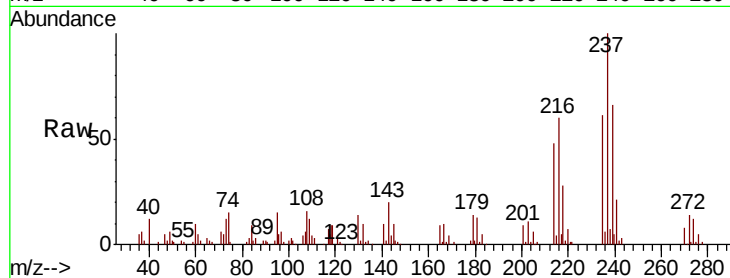
Tgt Ion: 237 Resp: 57788

Ion Ratio Lower Upper

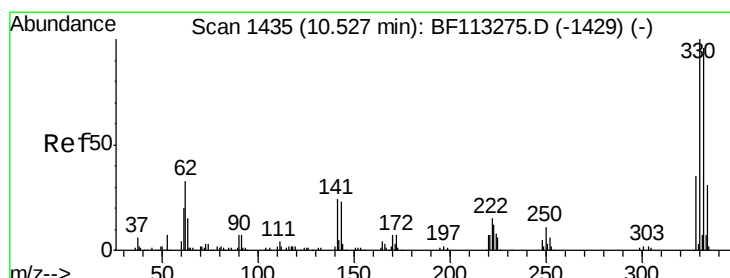
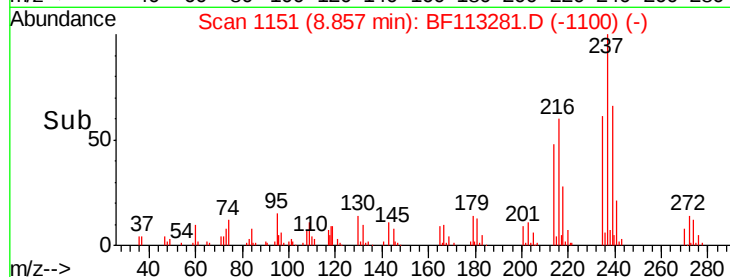
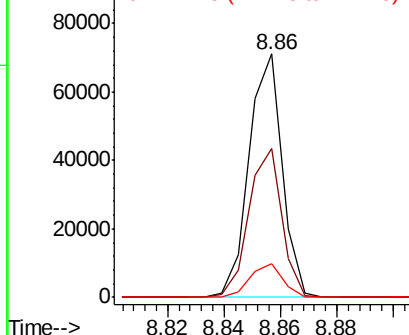
237 100

235 61.0 43.4 83.4

272 14.1 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: 105.160 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

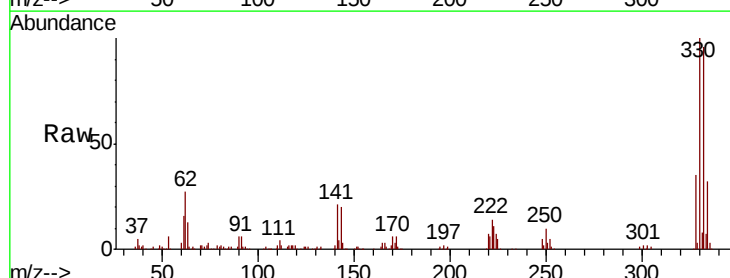
Tgt Ion: 330 Resp: 435596

Ion Ratio Lower Upper

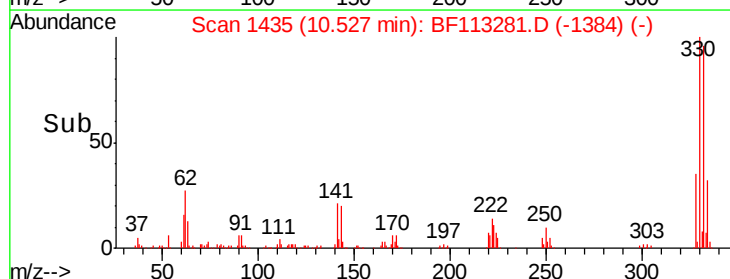
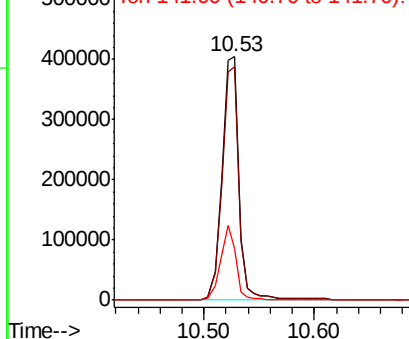
330 100

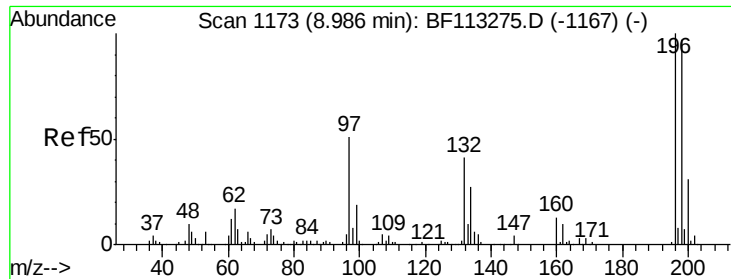
332 96.5 77.8 116.6

141 27.8 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

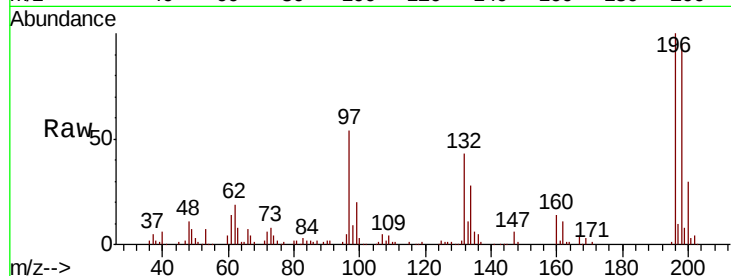




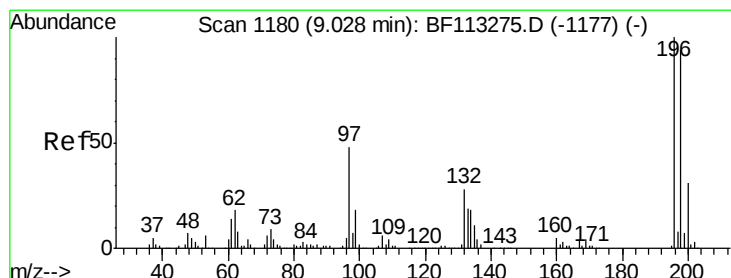
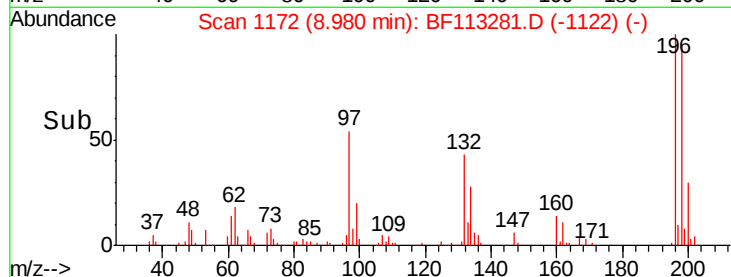
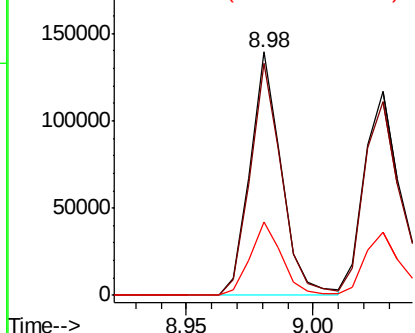
#43
 2,4,6-Trichlorophenol
 Concen: 17.159 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:196 Resp: 120280
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.7 116.5
 200 30.0 24.9 37.3



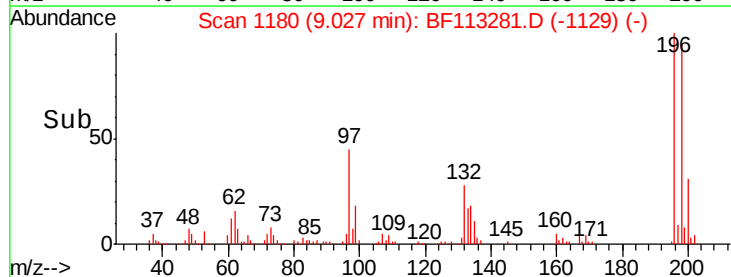
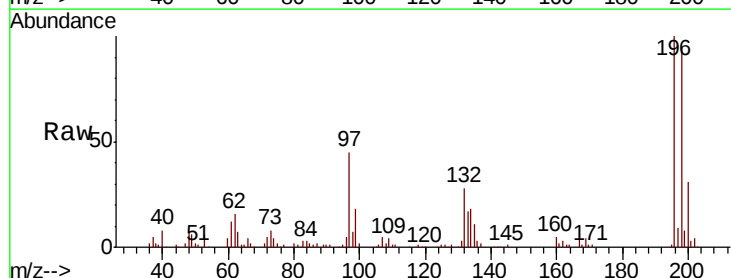
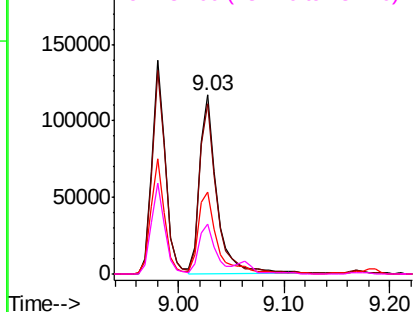
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

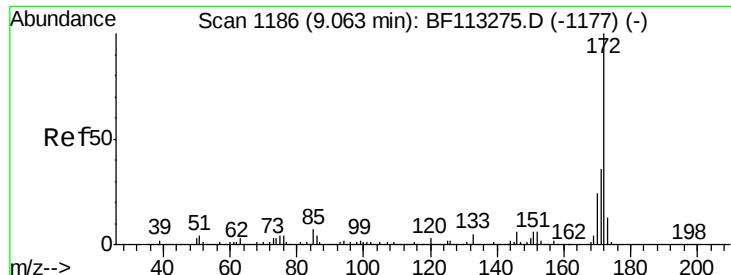


#44
 2,4,5-Trichlorophenol
 Concen: 16.884 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:196 Resp: 130982
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.2
 97 45.5 38.6 58.0
 132 27.6 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

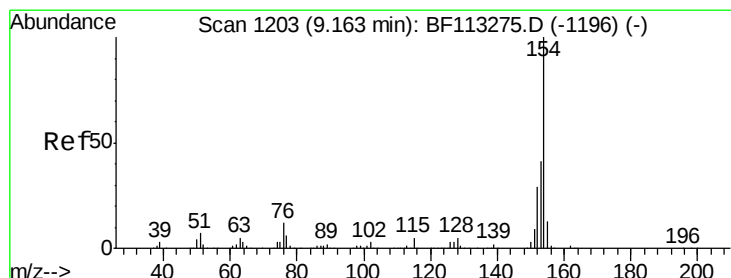
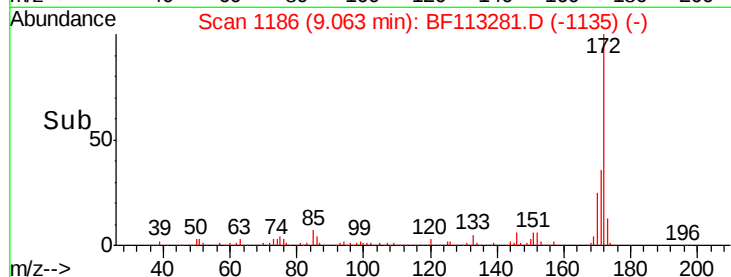
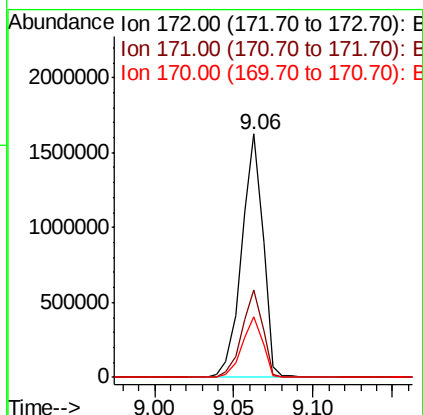
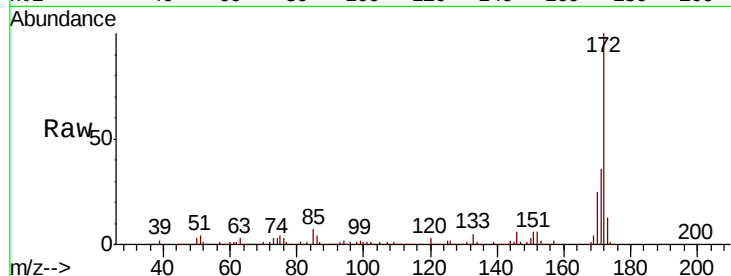




#45
2-Fluorobiphenyl
Concen: 66.545 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

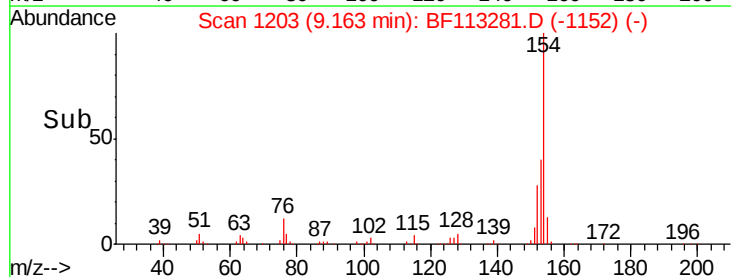
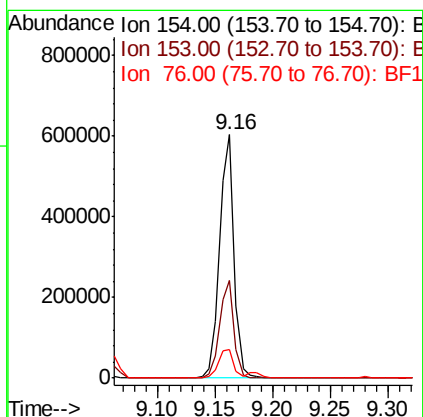
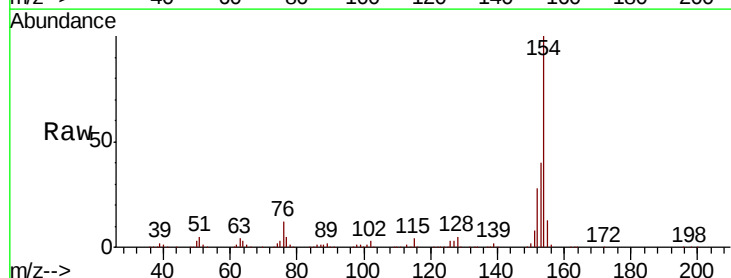
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

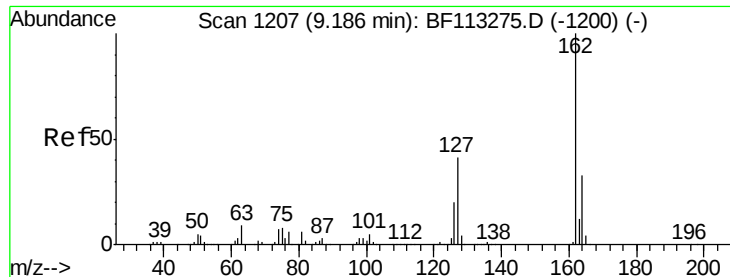
Tgt Ion:172 Resp: 1505685
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 18.689 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:154 Resp: 523442
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.6 0.0 31.9

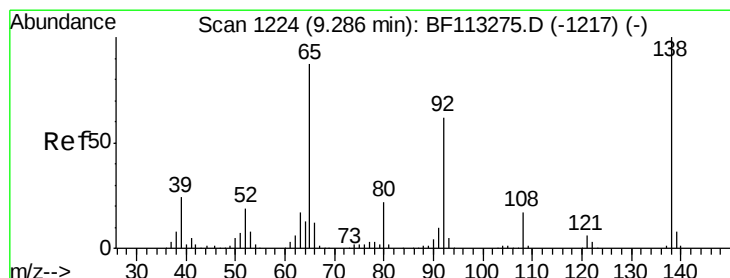
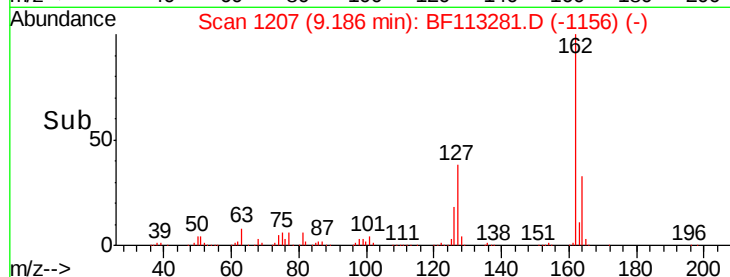
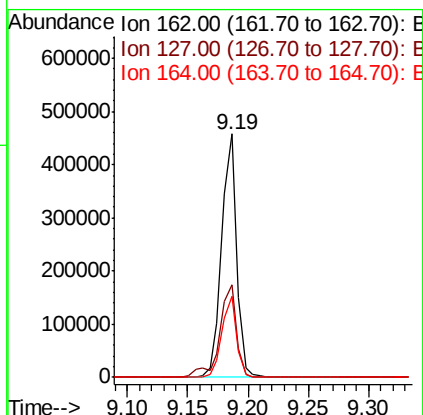
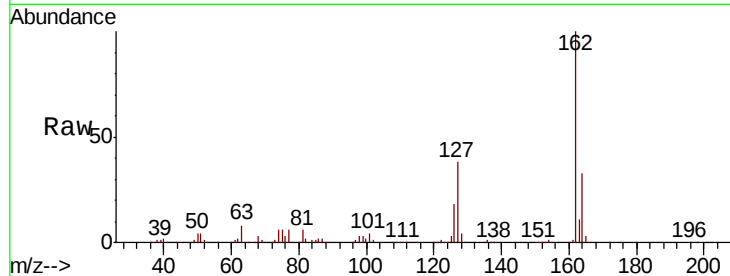




#47
 2-Chloronaphthalene
 Concen: 18.126 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

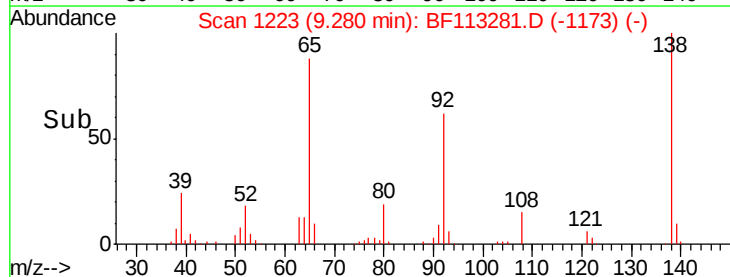
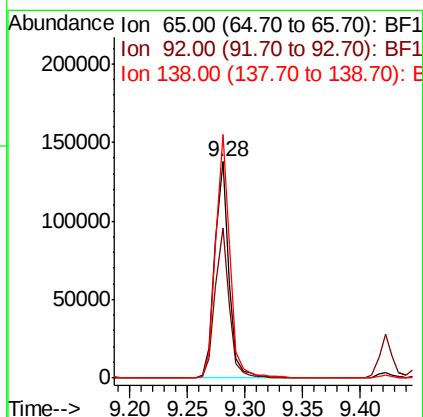
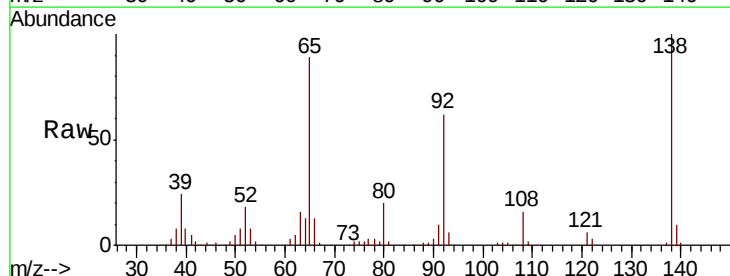
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

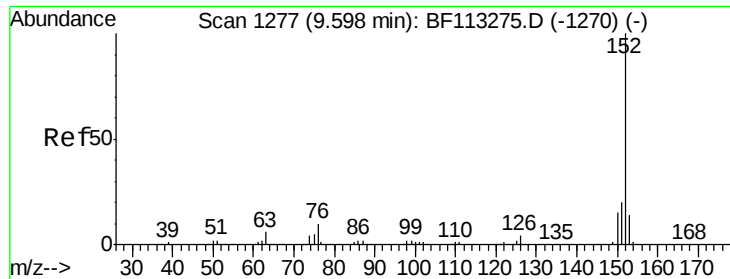
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.6	49.0
164	33.2	26.6	39.8



#48
 2-Nitroaniline
 Concen: 17.325 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	56.8	85.2
138	112.4	92.3	138.5





#49

Acenaphthylene

Concen: 19.050 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

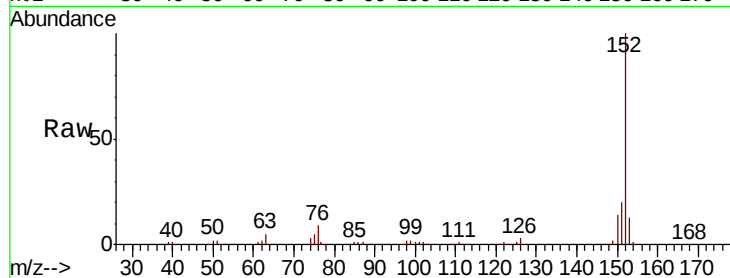
Tgt Ion:152 Resp: 664217

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

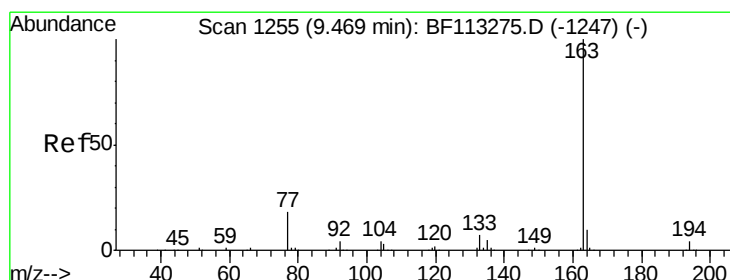
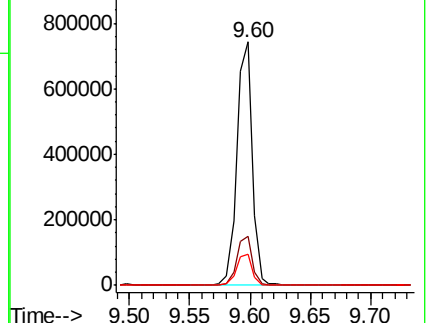
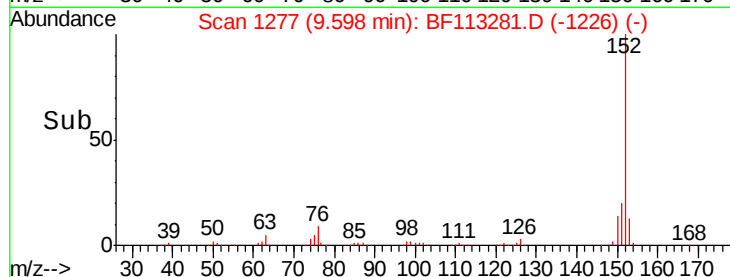
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 17.990 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

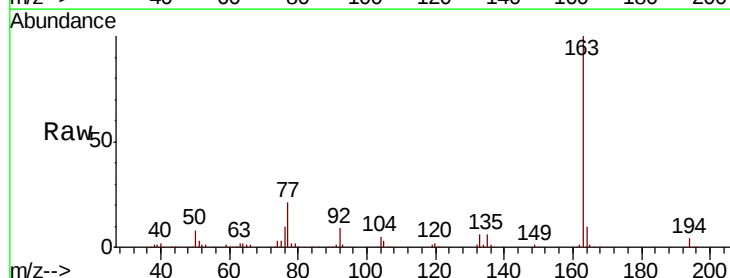
Tgt Ion:163 Resp: 447081

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

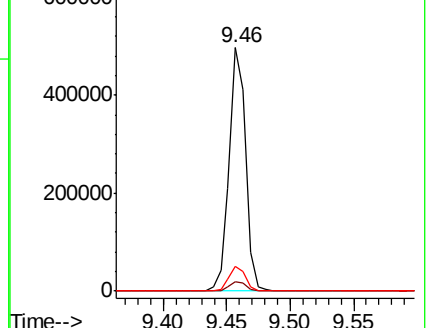
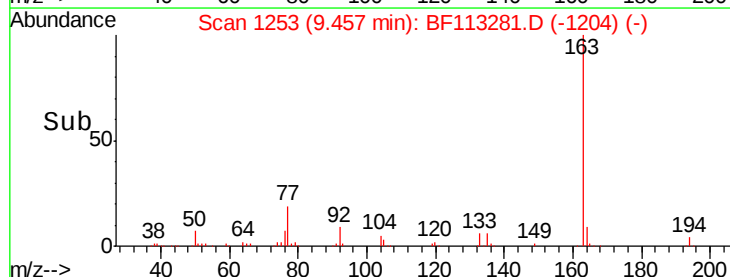
164 10.2 8.1 12.1

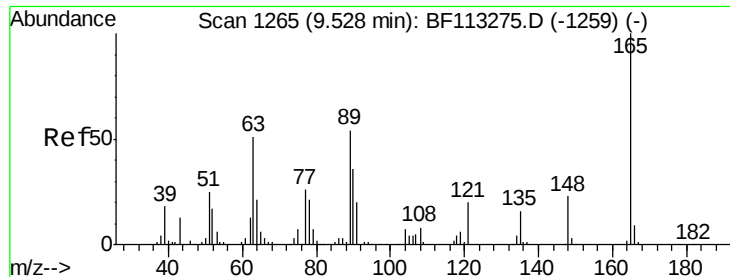


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

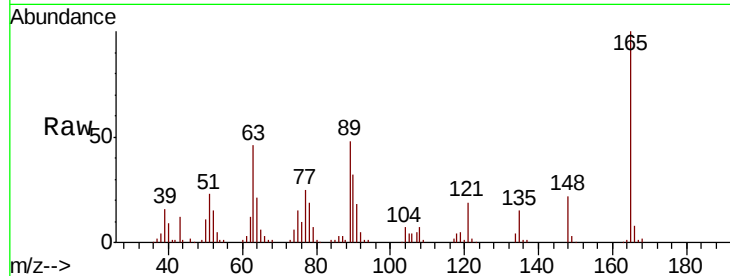




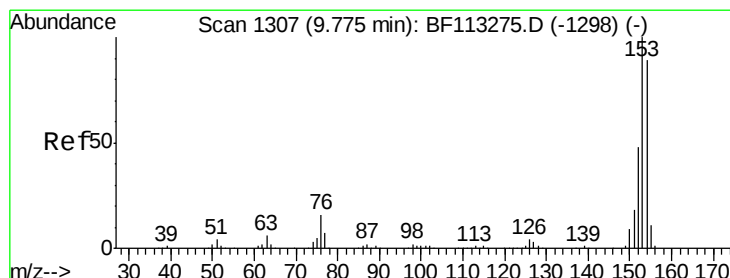
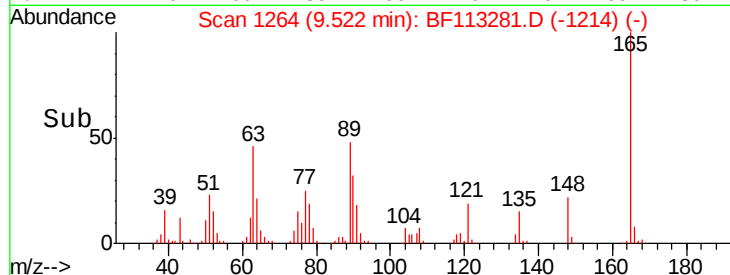
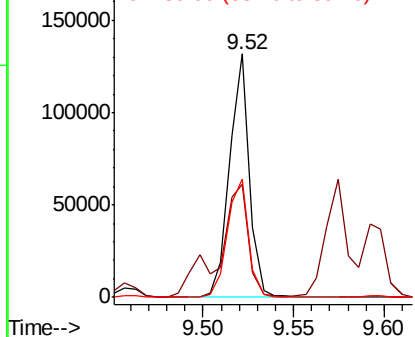
#51
2,6-Dinitrotoluene
Concen: 17.915 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	43.4	65.0
89	48.5	43.1	64.7

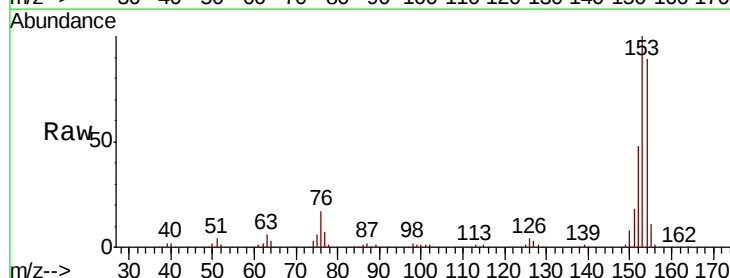


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

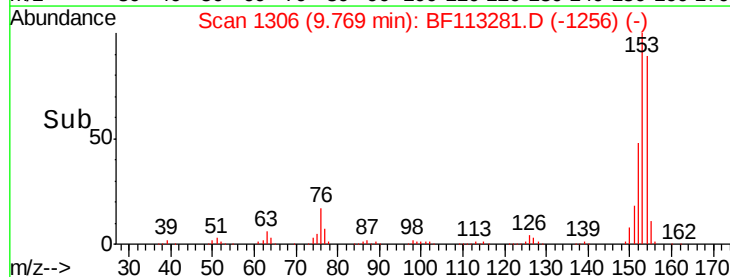
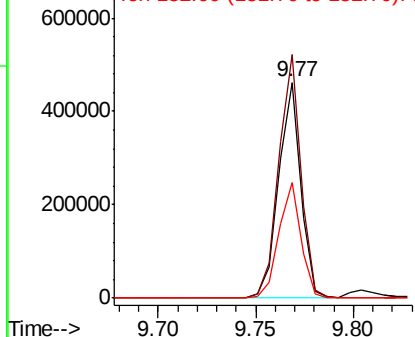


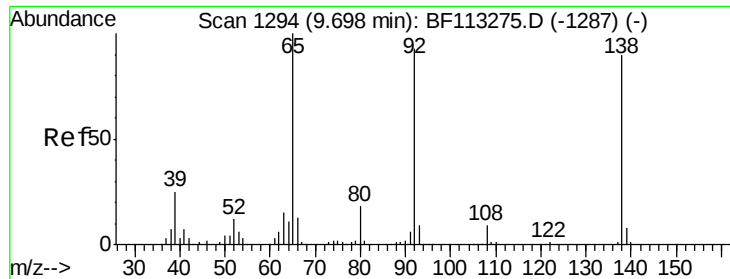
#52
Acenaphthene
Concen: 18.558 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	53.9	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

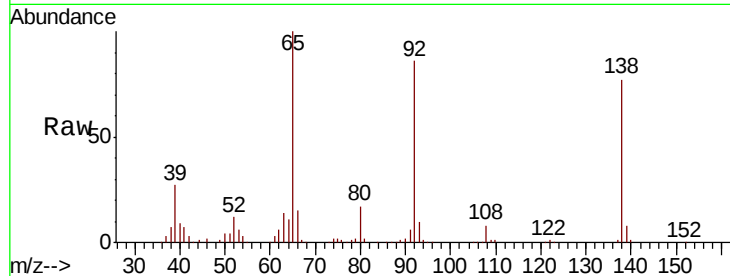




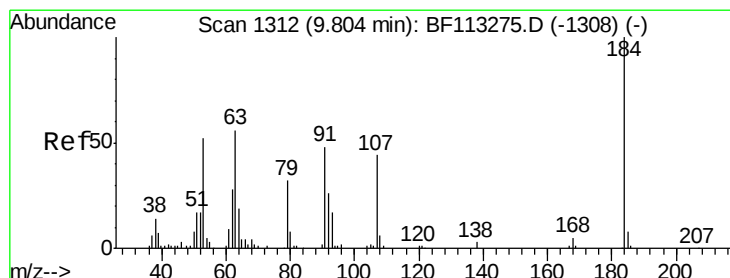
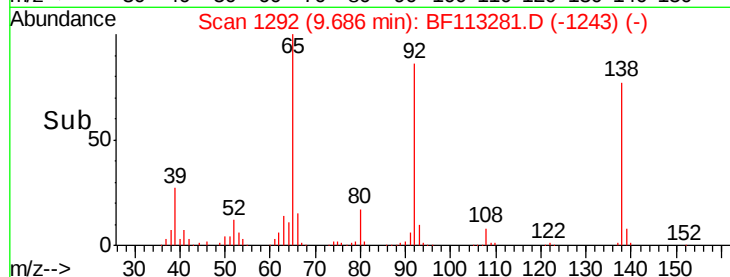
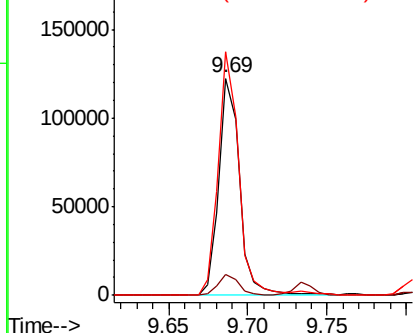
#53
3-Nitroaniline
Concen: 17.734 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:138 Resp: 112125
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 112.0 82.6 124.0

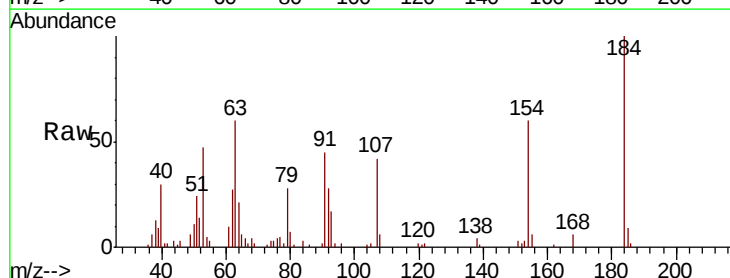


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

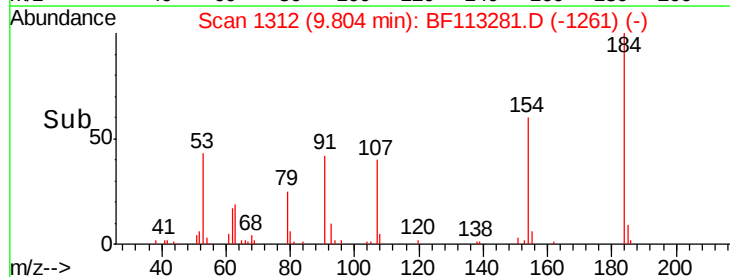
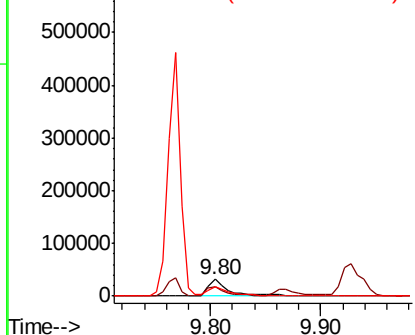


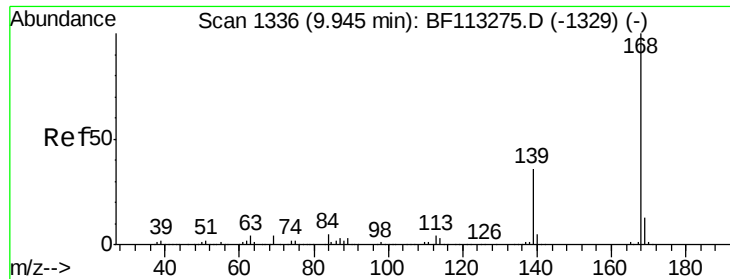
#54
2,4-Dinitrophenol
Concen: 14.656 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:184 Resp: 40868
Ion Ratio Lower Upper
184 100
63 60.3 54.3 81.5
154 60.1 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

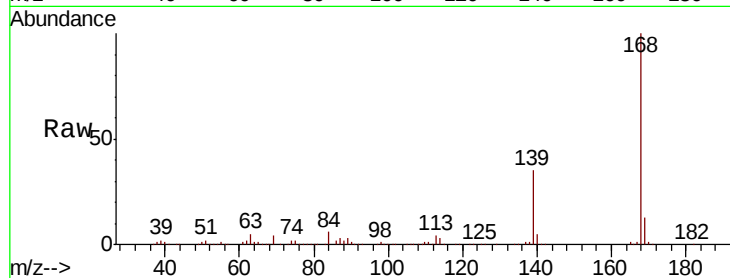




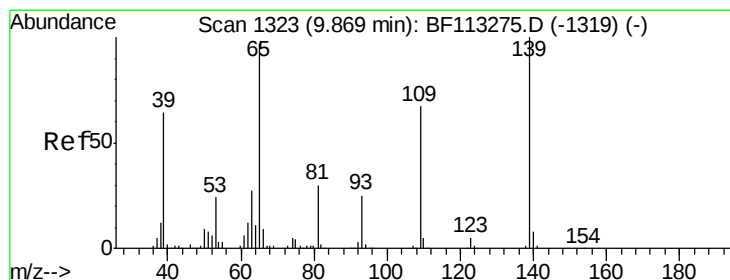
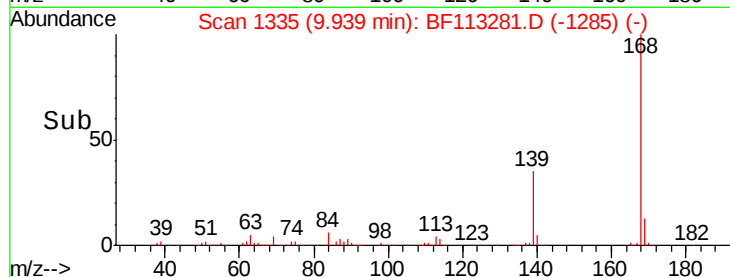
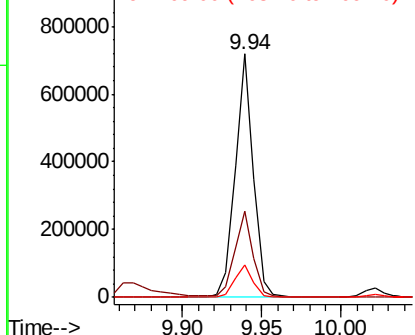
#55
Dibenzenofuran
Concen: 19.252 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:168 Resp: 568301
Ion Ratio Lower Upper
168 100
139 35.4 29.7 44.5
169 13.3 10.7 16.1

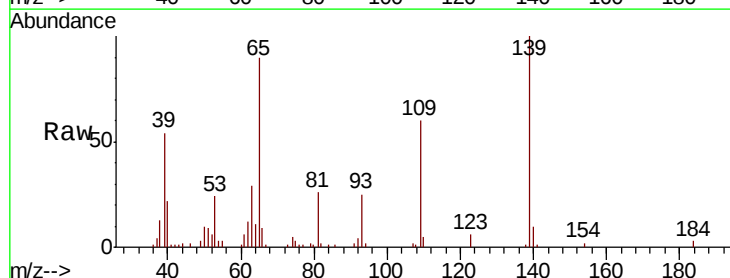


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

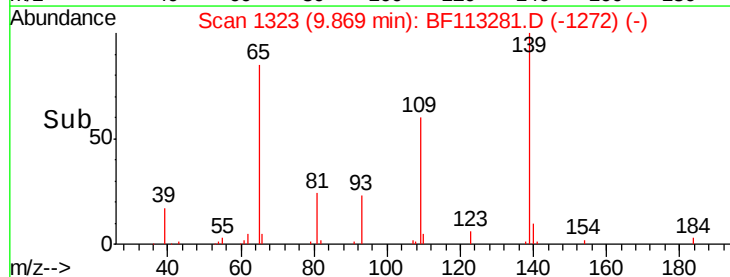
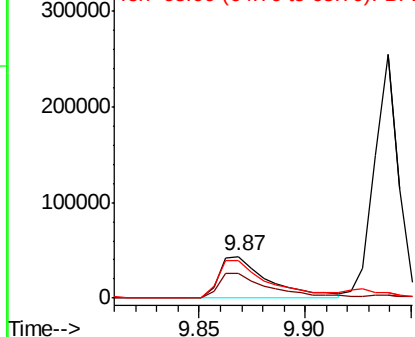


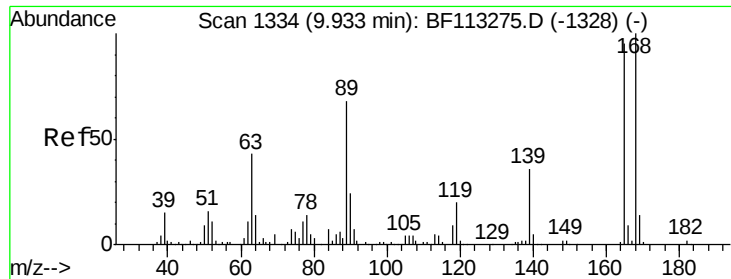
#56
4-Nitrophenol
Concen: 15.679 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:139 Resp: 70675
Ion Ratio Lower Upper
139 100
109 59.7 46.9 86.9
65 89.8 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

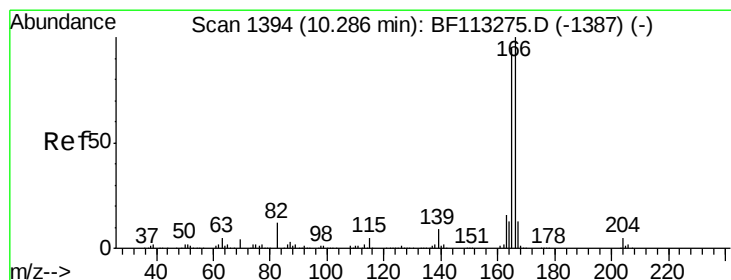
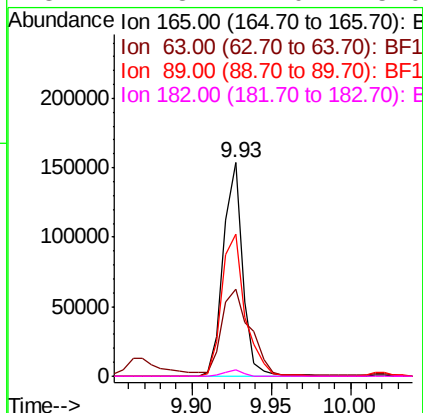
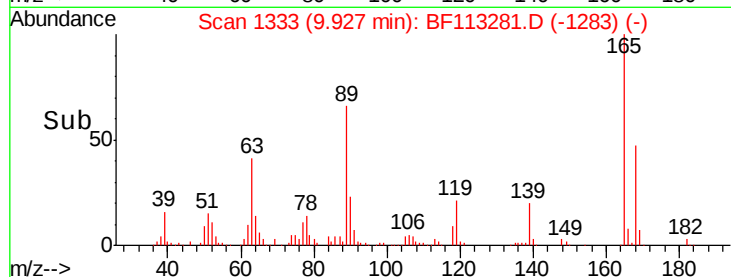
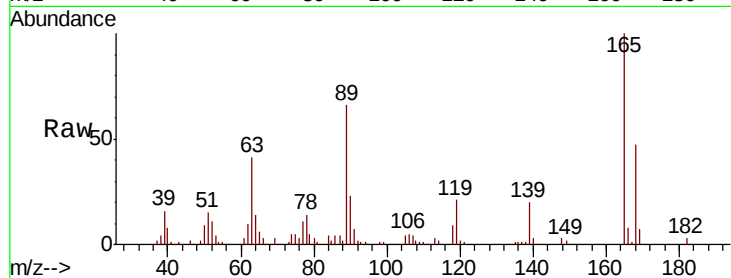




#57
 2,4-Dinitrotoluene
 Concen: 18.311 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

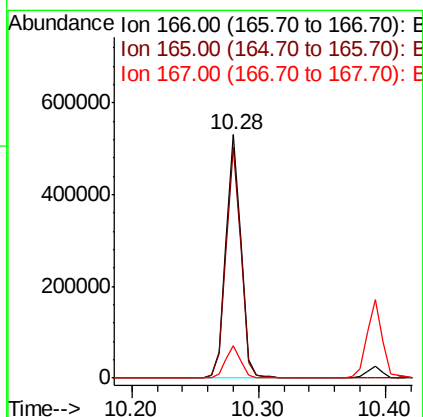
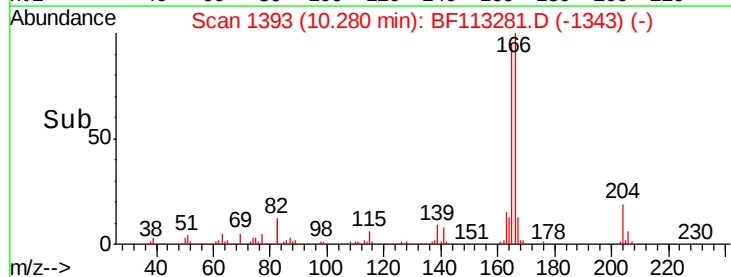
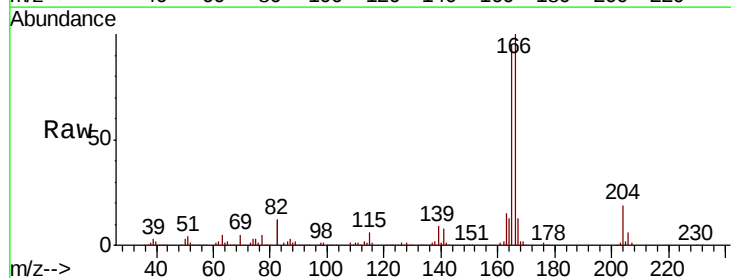
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:	165	Resp:	130555
Ion	Ratio	Lower	Upper
165	100		
63	40.6	37.5	56.3
89	66.5	57.4	86.2
182	2.8	2.0	3.0



#58
 Fluorene
 Concen: 19.116 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:	166	Resp:	438369
Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.2	114.2
167	13.4	10.7	16.1

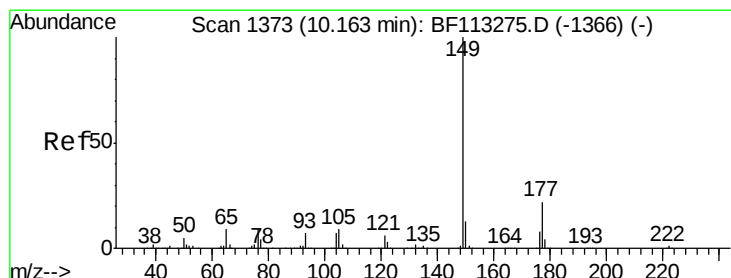
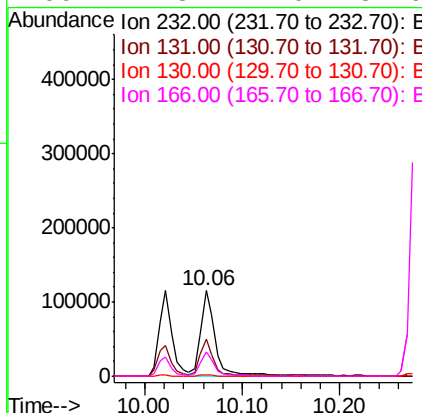
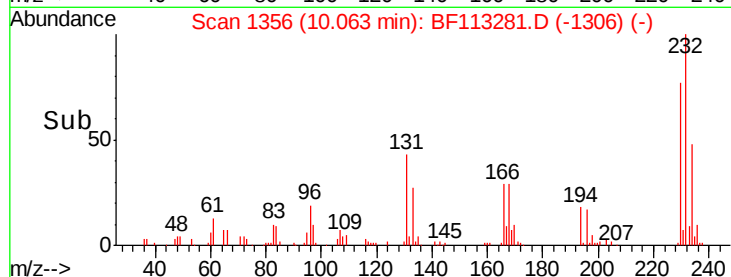
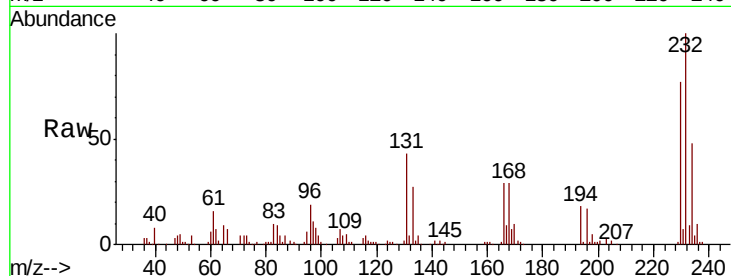




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 18.094 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

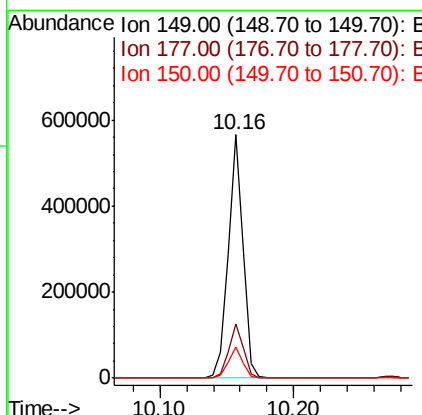
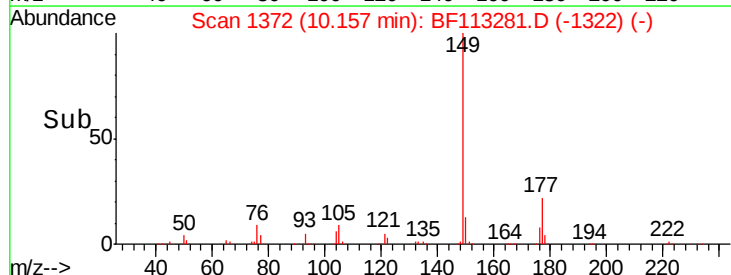
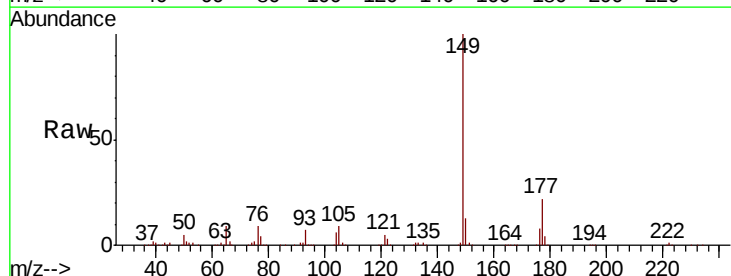
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

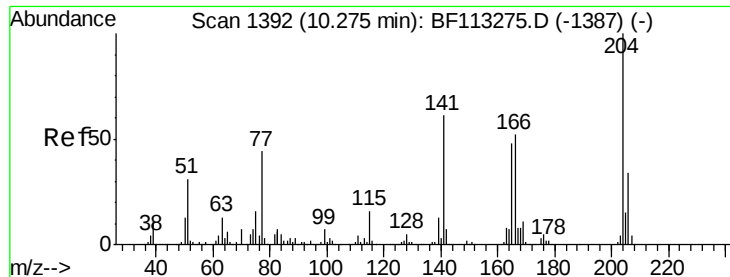
Tgt Ion:	232	Resp:	118703
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.2	49.8
130	1.7	1.6	2.4
166	27.3	21.0	31.6



#60
 Diethylphthalate
 Concen: 18.238 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:	149	Resp:	444617
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.6	10.0	15.0

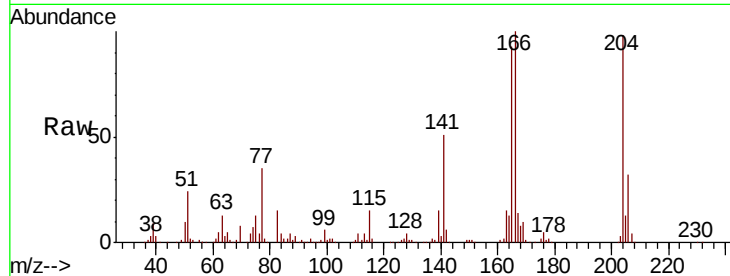




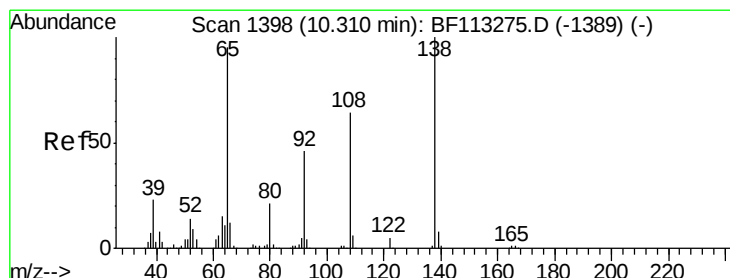
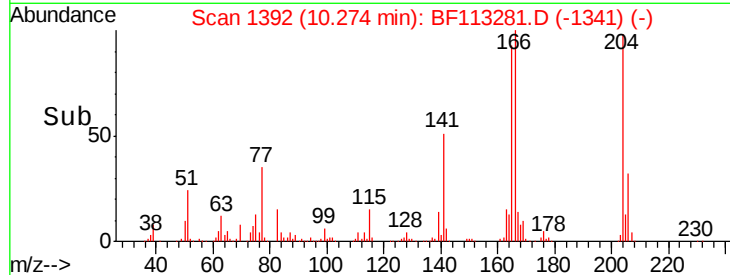
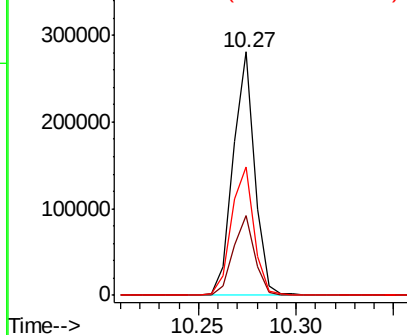
#61
4-Chlorophenyl-phenylether
Concen: 19.218 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 204 Resp: 214793
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 52.7 48.8 73.2

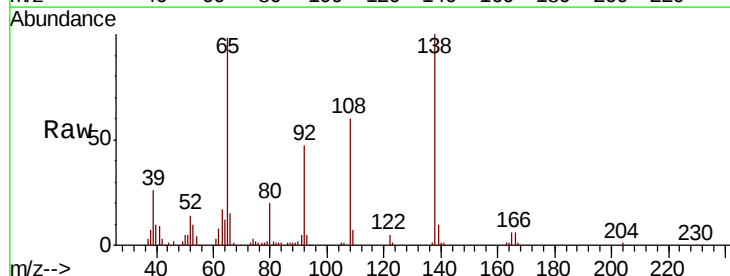


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

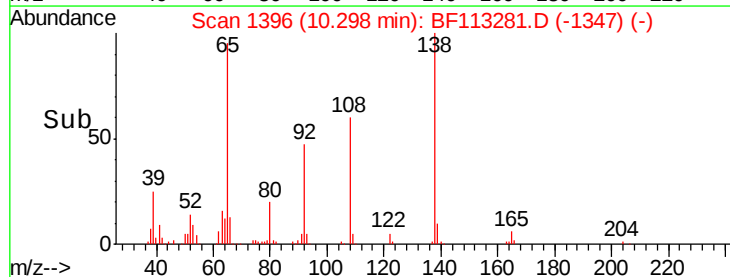
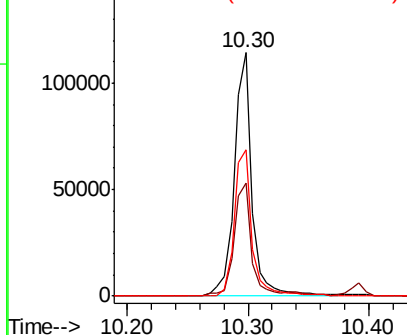


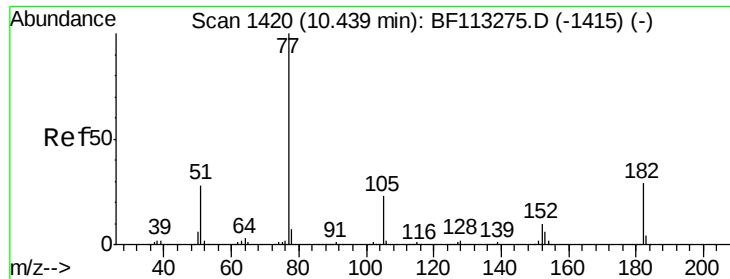
#62
4-Nitroaniline
Concen: 17.927 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 138 Resp: 116694
Ion Ratio Lower Upper
138 100
92 46.6 25.8 65.8
108 60.3 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: 18.724 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion: 77 Resp: 429705

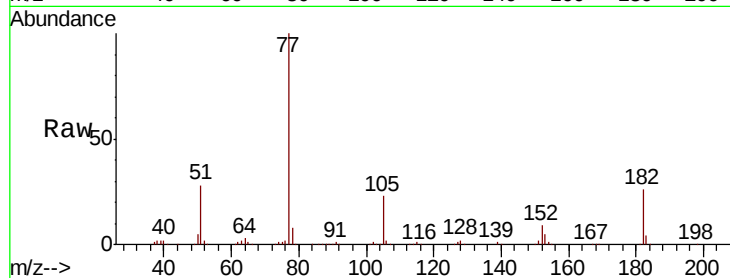
Ion Ratio Lower Upper

77 100

182 25.8 8.7 48.7

105 23.3 2.9 42.9

51 28.0 8.8 48.8

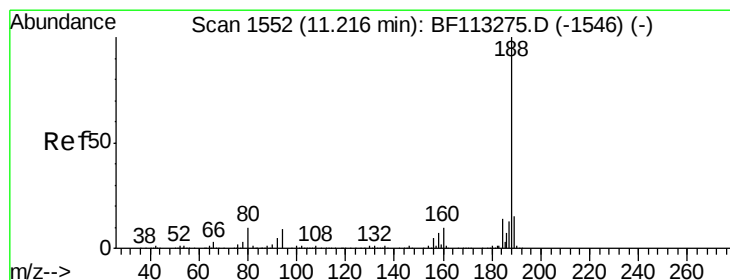
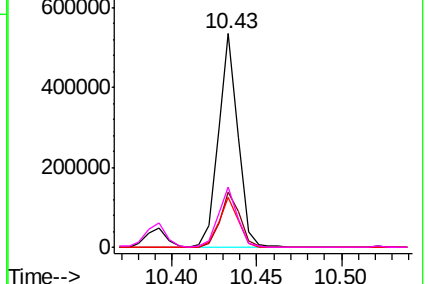
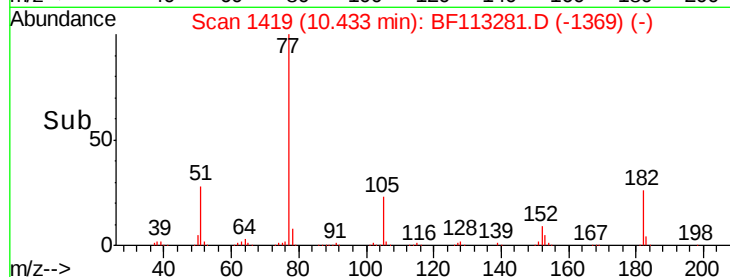


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

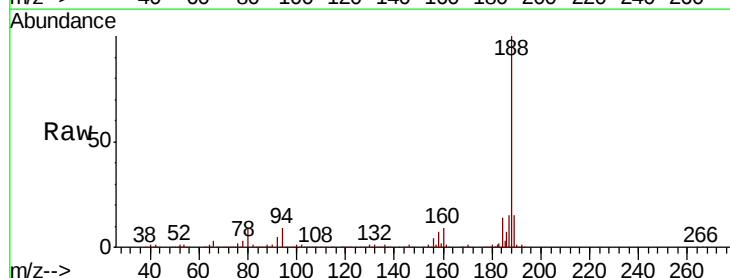
Tgt Ion: 188 Resp: 671191

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

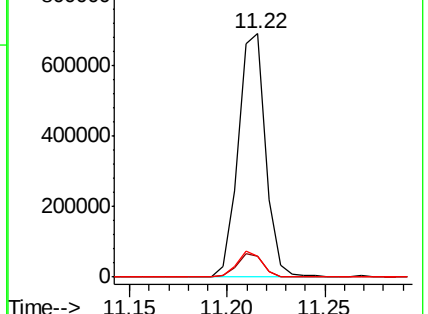
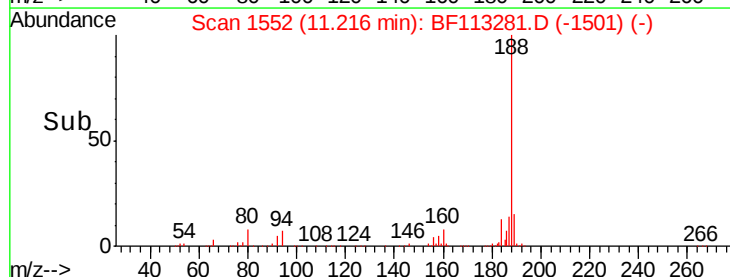
80 8.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

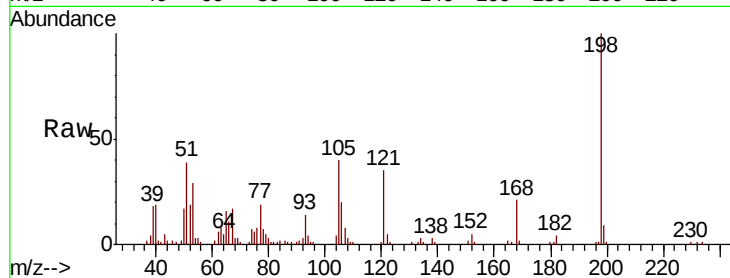




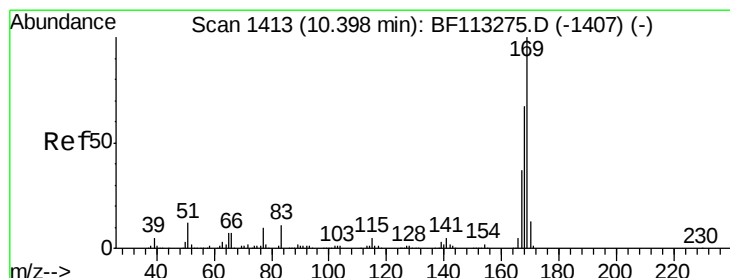
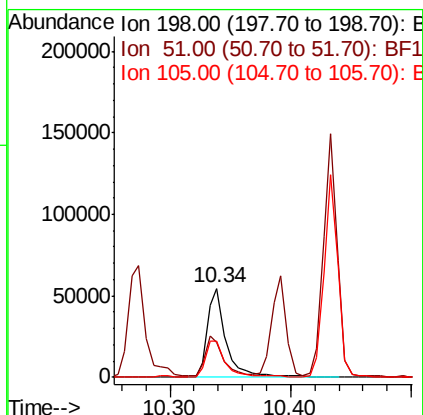
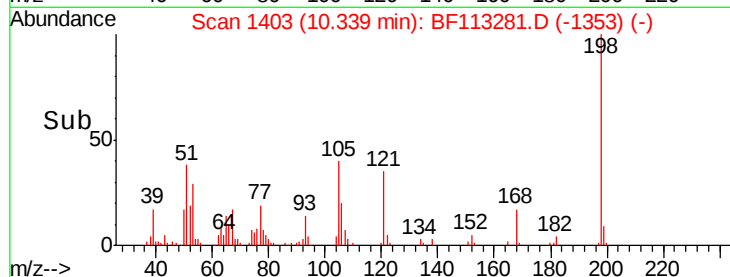
#65
4,6-Dinitro-2-methylphenol
Concen: 15.908 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:198 Resp: 58411
Ion Ratio Lower Upper
198 100
51 39.2 21.6 61.6
105 40.1 20.6 60.6

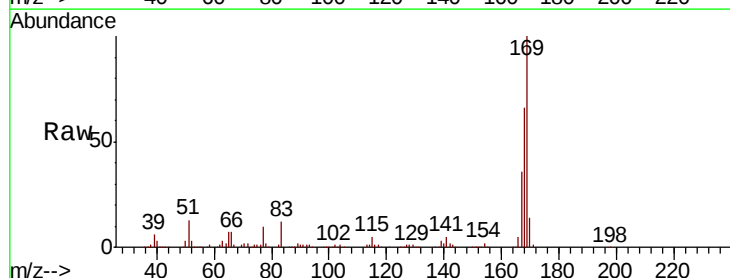


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

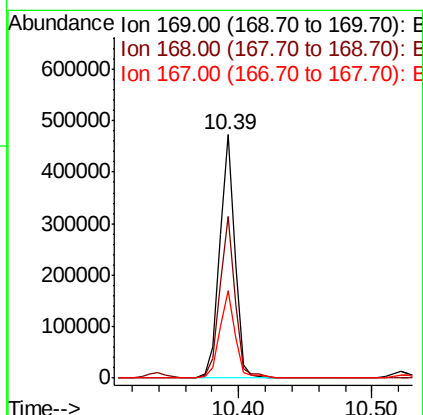
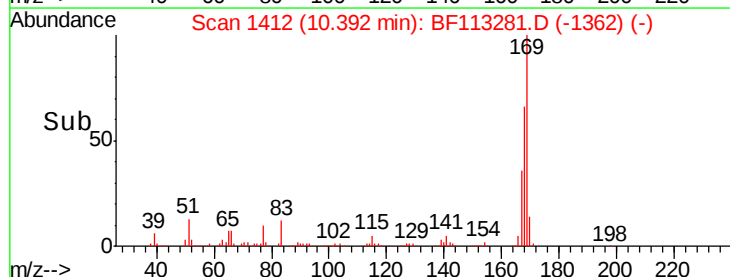


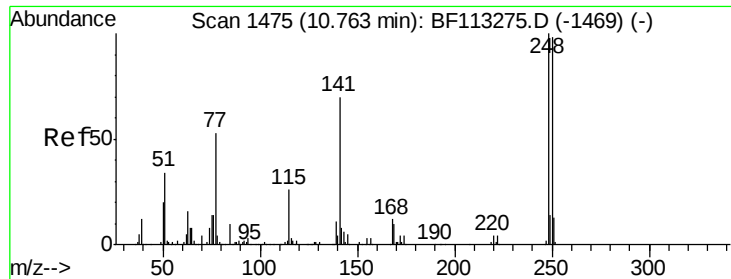
#66
n-Nitrosodiphenylamine
Concen: 18.526 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:169 Resp: 381562
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.0 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

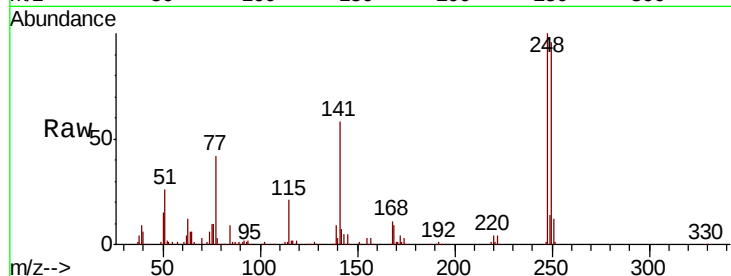




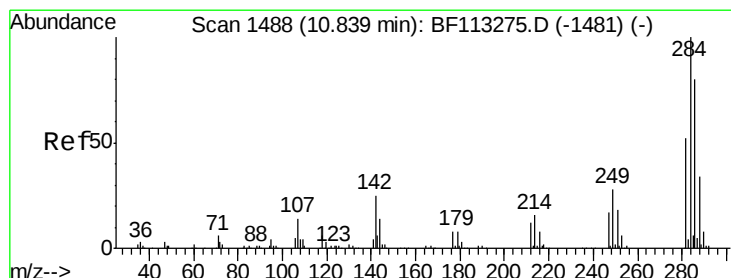
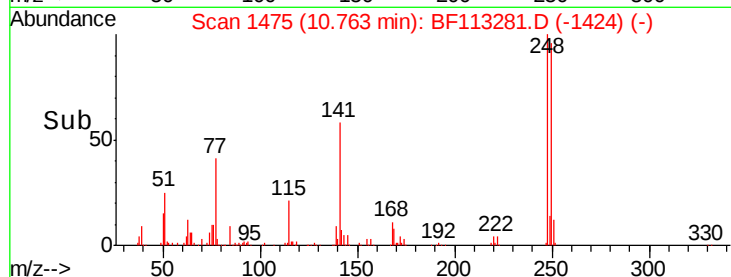
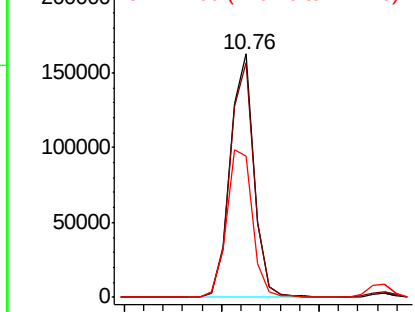
#67
4-Bromophenyl-phenylether
Concen: 18.834 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:248 Resp: 137777
Ion Ratio Lower Upper
248 100
250 96.3 78.3 117.5
141 58.2 56.2 84.4

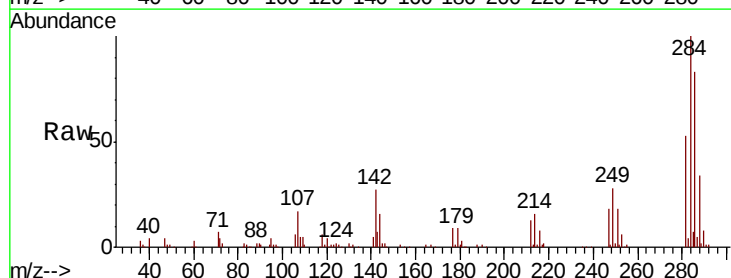


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

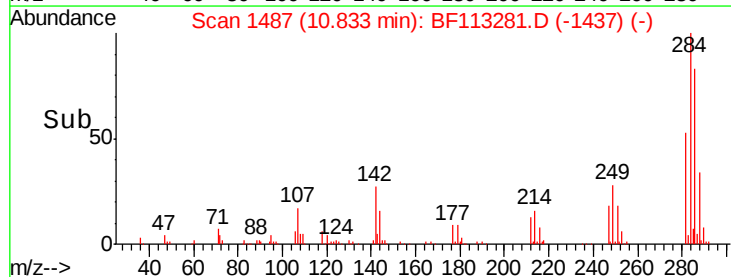
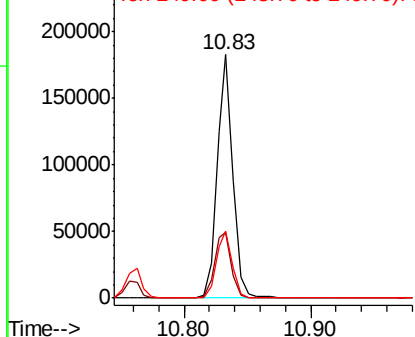


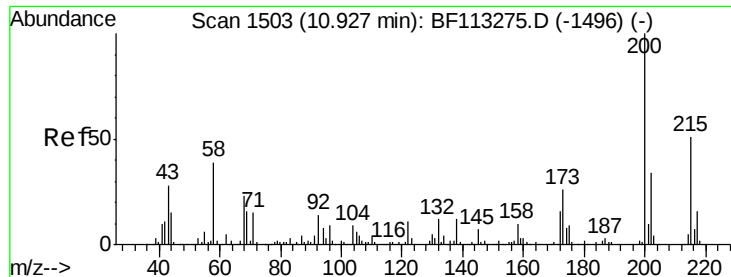
#68
Hexachlorobenzene
Concen: 18.702 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:284 Resp: 158808
Ion Ratio Lower Upper
284 100
142 27.2 20.1 30.1
249 27.7 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

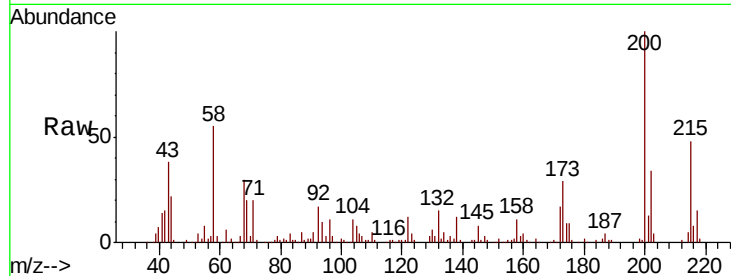




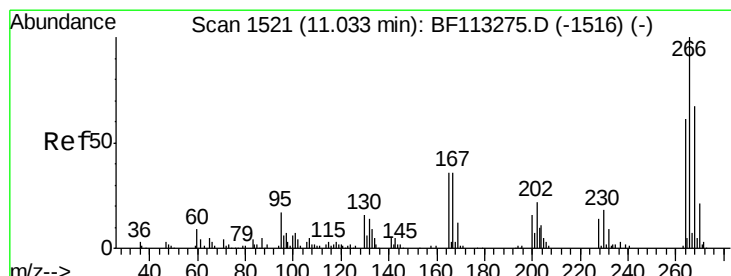
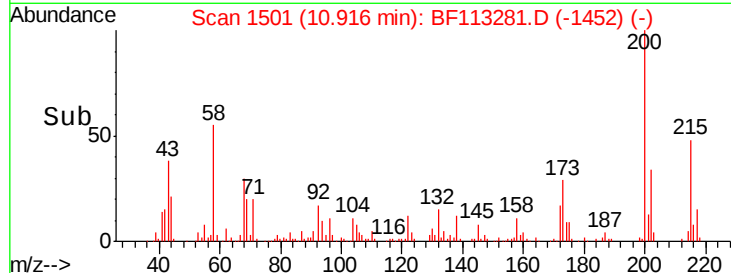
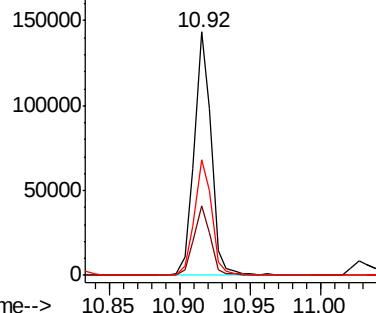
#69
Atrazine
Concen: 18.548 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:200 Resp: 120578
Ion Ratio Lower Upper
200 100
173 28.8 6.0 46.0
215 47.7 31.3 71.3

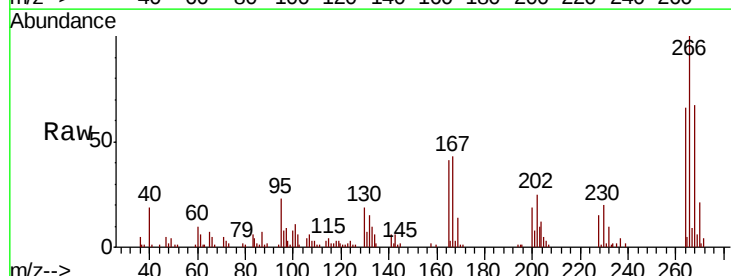


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

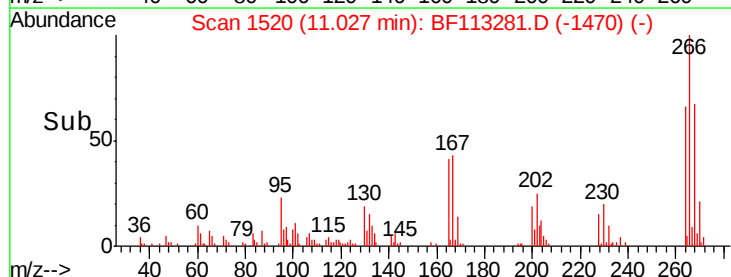
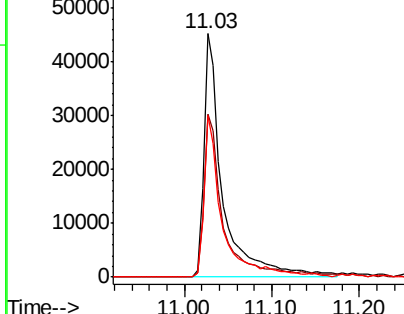


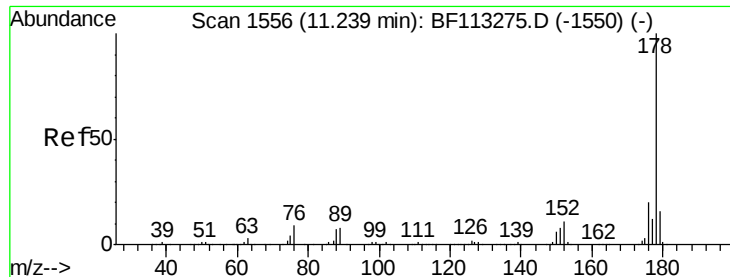
#70
Pentachlorophenol
Concen: 15.310 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion:266 Resp: 67733
Ion Ratio Lower Upper
266 100
268 67.2 53.8 80.6
264 66.3 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

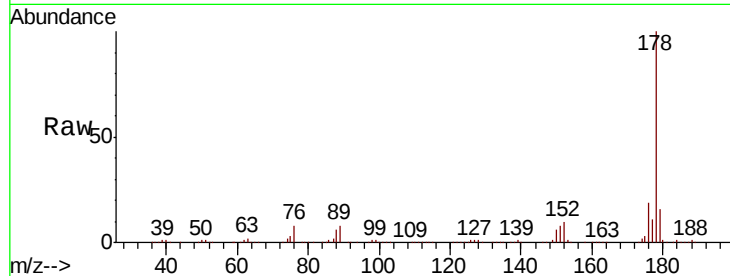




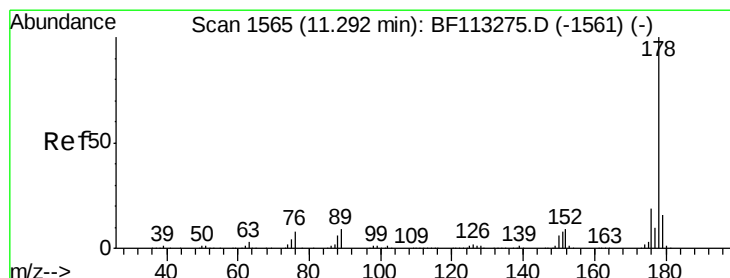
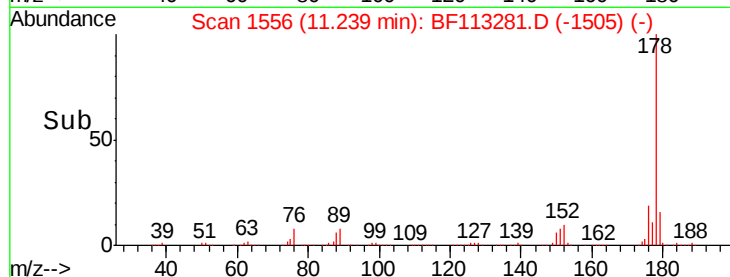
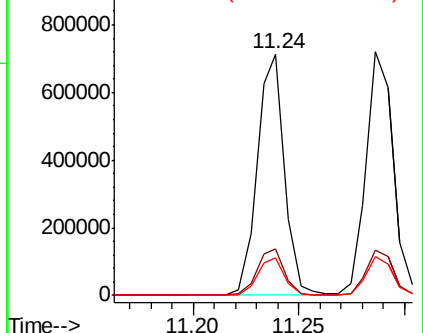
#71
 Phenanthrene
 Concen: 19.290 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:178 Resp: 642953
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.2
 179 15.7 12.7 19.1

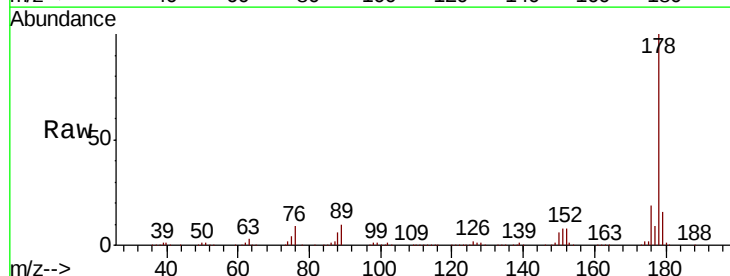


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

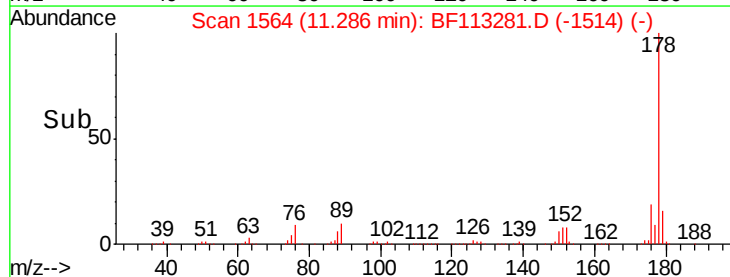
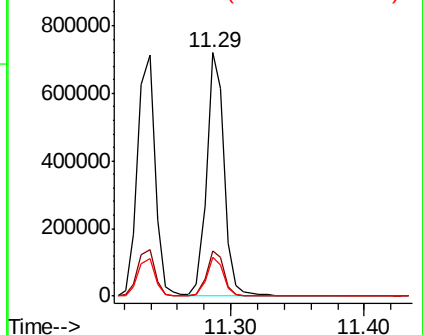


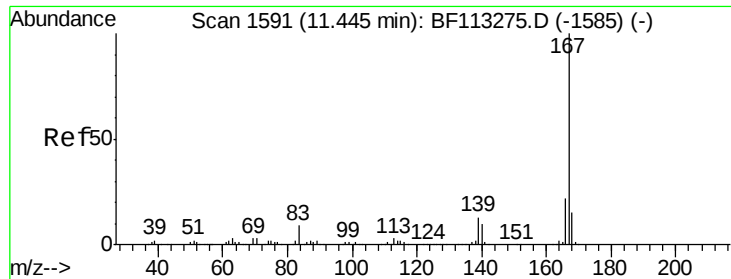
#72
 Anthracene
 Concen: 19.404 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion:178 Resp: 656928
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 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: 19.325 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

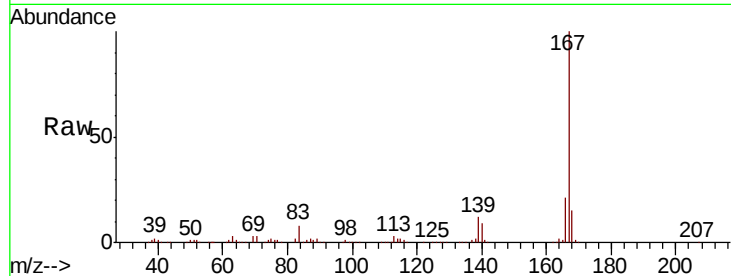
Tgt Ion:167 Resp: 624319

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

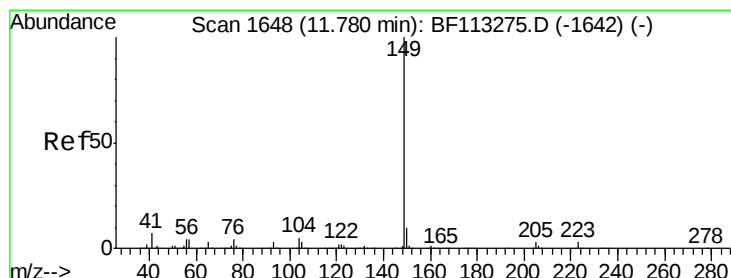
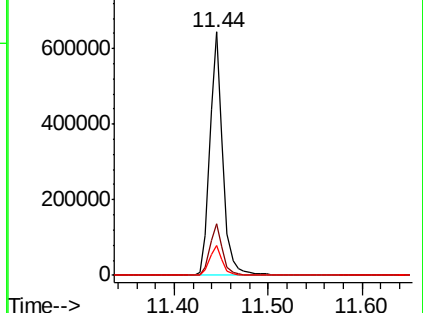
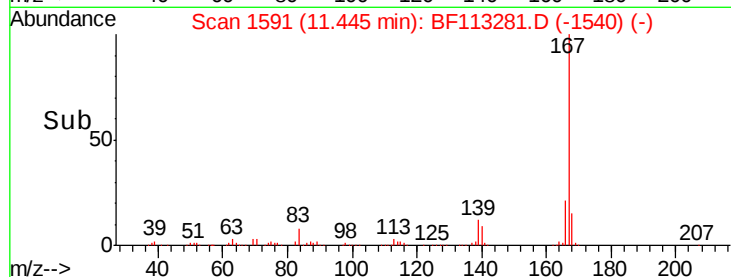
139 12.1 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 19.208 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

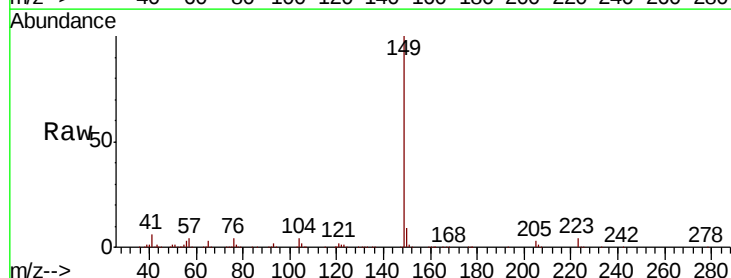
Tgt Ion:149 Resp: 719594

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

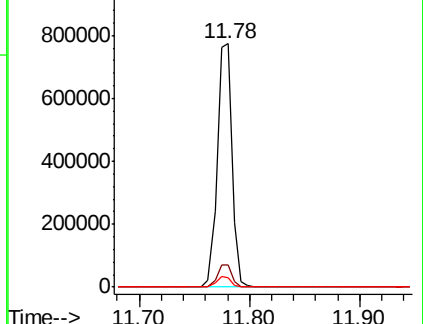
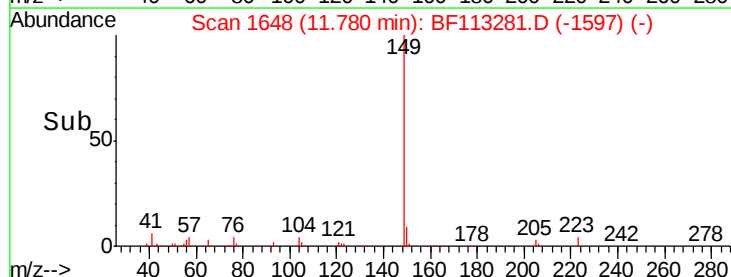
104 3.8 3.7 5.5

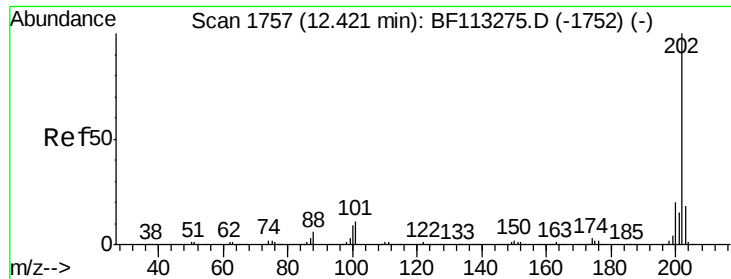


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 19.017 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

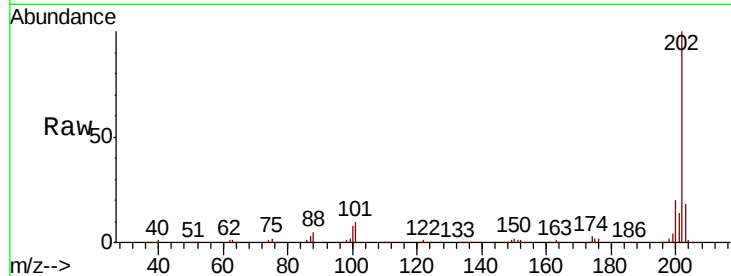
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

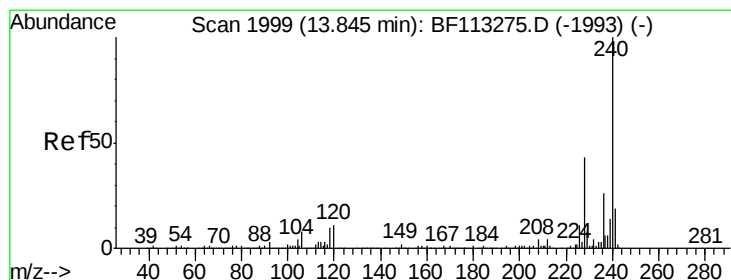
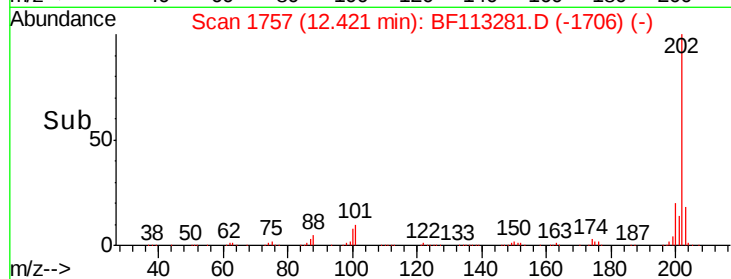
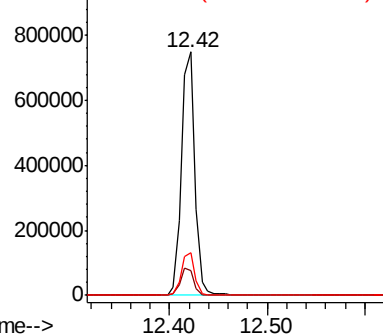
Tgt Ion:	202	Resp:	716587
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

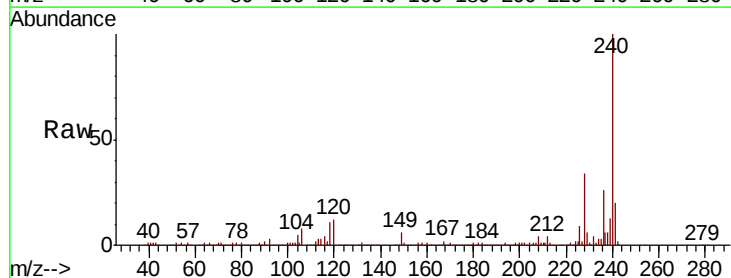
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

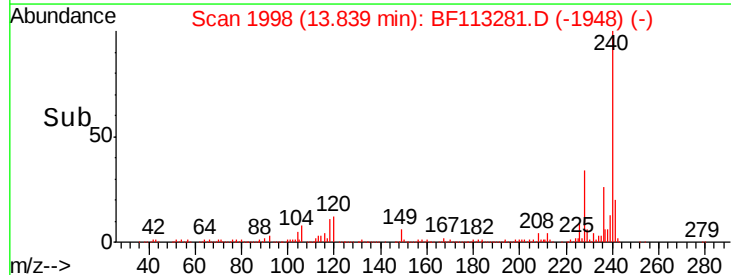
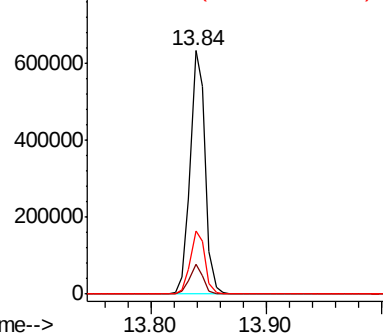
Tgt Ion:	240	Resp:	568376
Ion Ratio	Lower	Upper	
240	100		
120	12.2	8.8	13.2
236	26.0	20.9	31.3

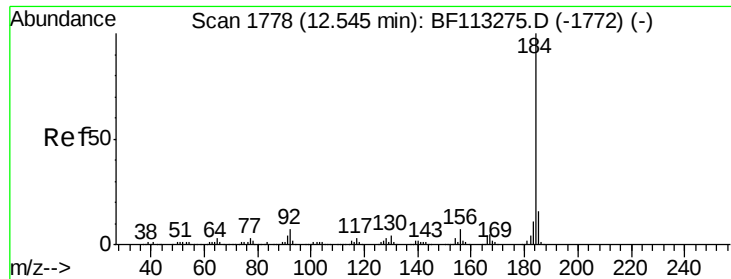


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.958 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.25 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

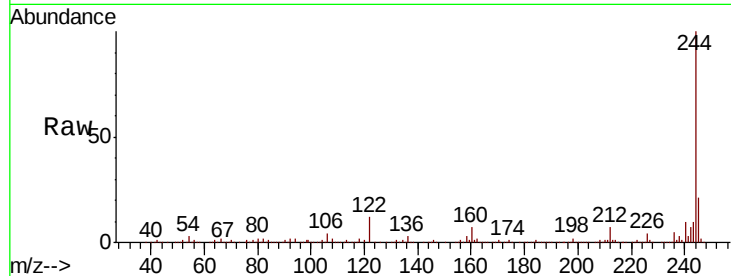
Tgt Ion:184 Resp: 20847

Ion Ratio Lower Upper

184 100

185 17.2 13.0 19.6

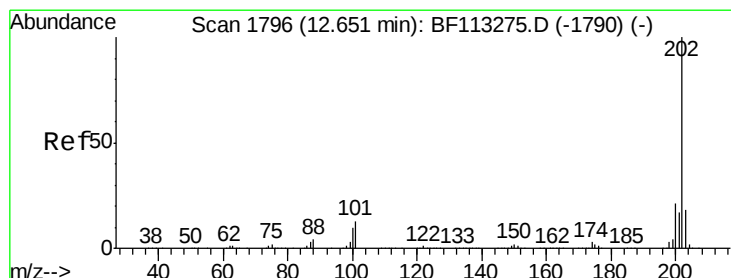
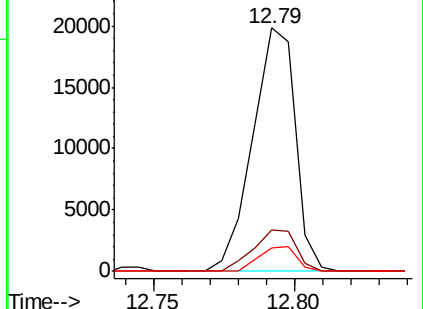
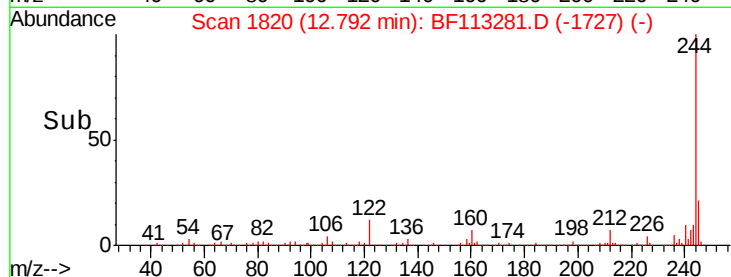
183 9.7 9.0 13.4



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: 18.659 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

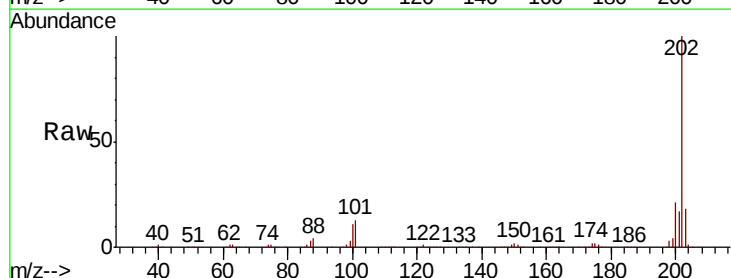
Tgt Ion:202 Resp: 734908

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

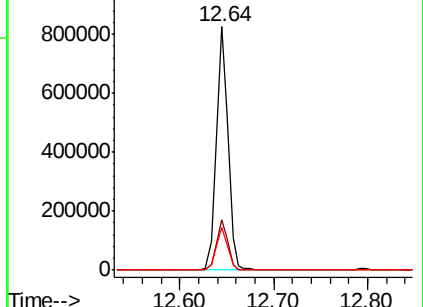
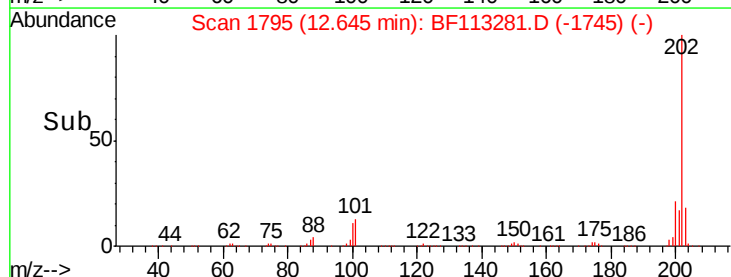
203 17.7 14.4 21.6



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

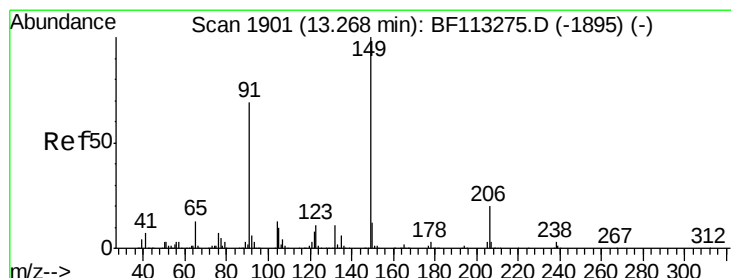
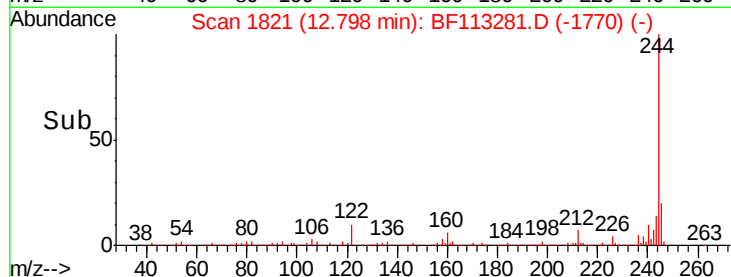
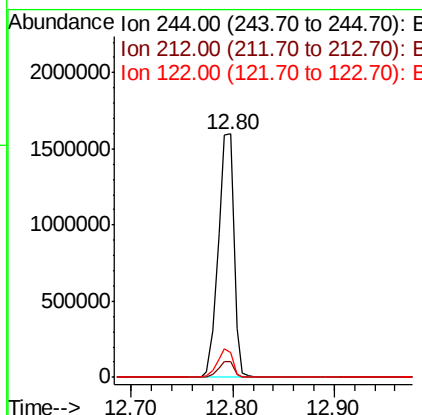
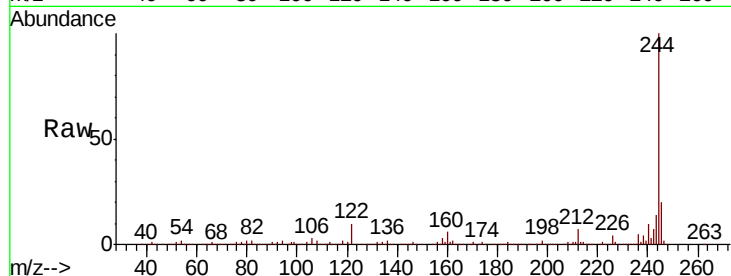




#79
 Terphenyl-d14
 Concen: 66.553 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

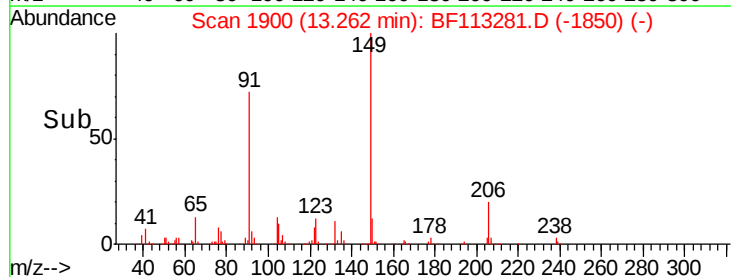
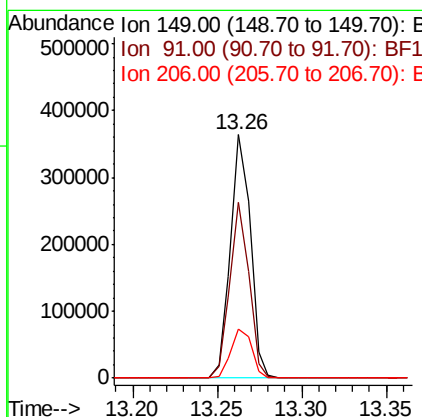
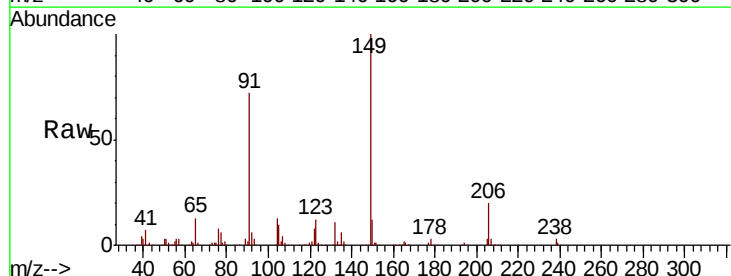
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

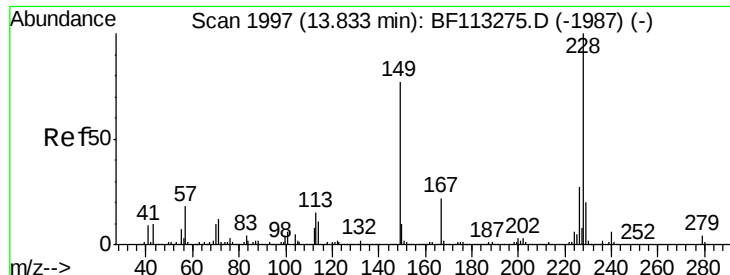
Tgt Ion: 244 Resp: 1716166
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 17.255 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113281.D
 Acq: 25 Mar 2019 16:07

Tgt Ion: 149 Resp: 299510
 Ion Ratio Lower Upper
 149 100
 91 72.0 55.2 82.8
 206 20.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 18.641 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

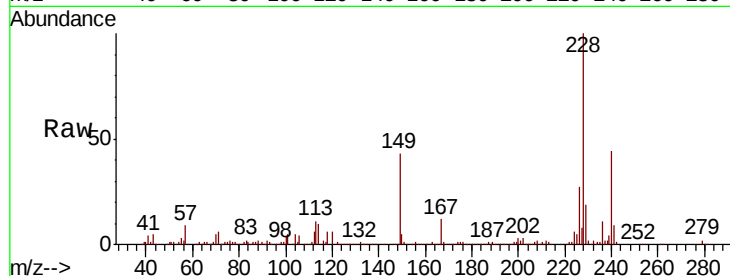
Tgt Ion:228 Resp: 606466

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.3 16.2 24.4

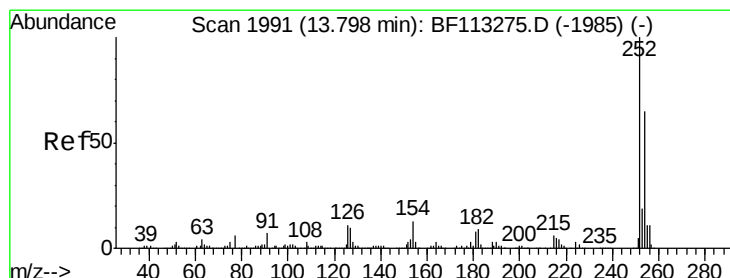
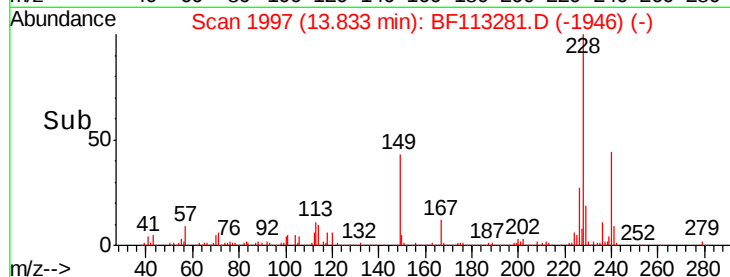
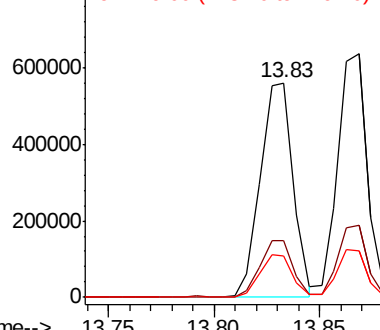


Abundance

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: 18.161 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

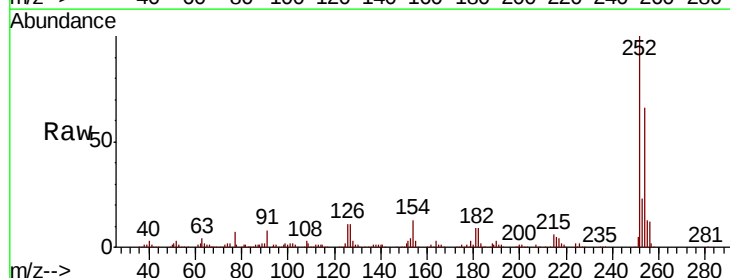
Tgt Ion:252 Resp: 237042

Ion Ratio Lower Upper

252 100

254 66.2 52.2 78.2

126 10.6 8.5 12.7

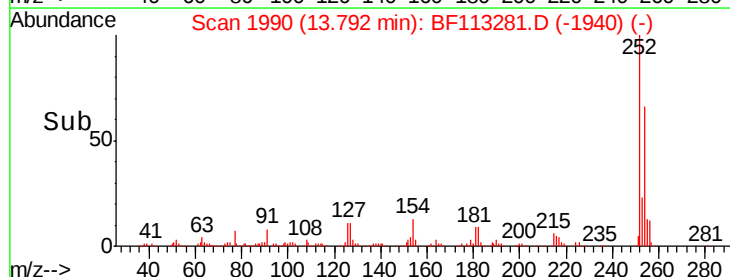
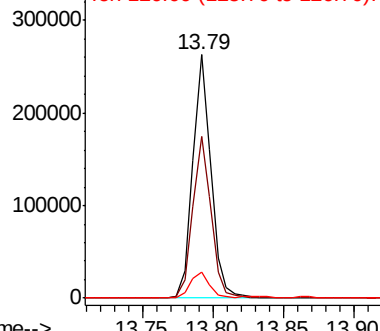


Abundance

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: 18.967 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

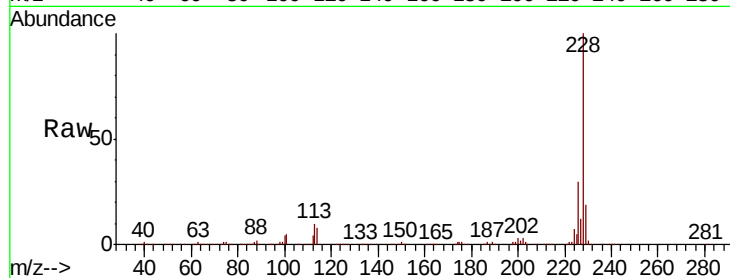
Tgt Ion: 228 Resp: 626794

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

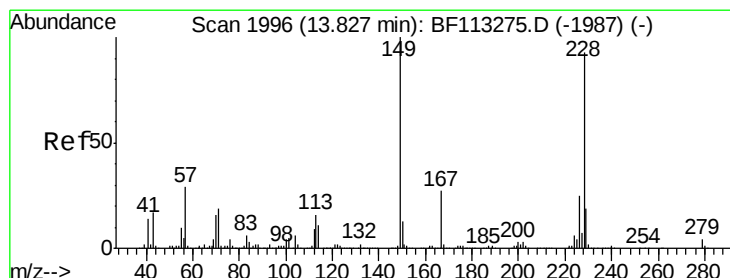
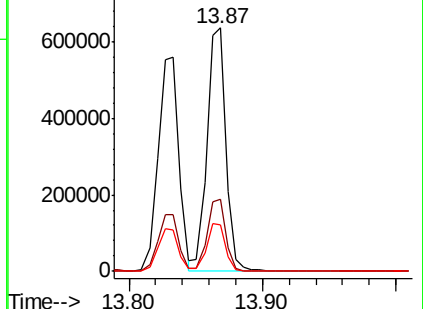
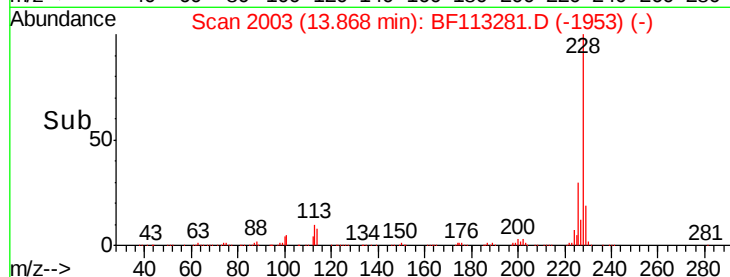
229 19.1 16.3 24.5



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: 18.201 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

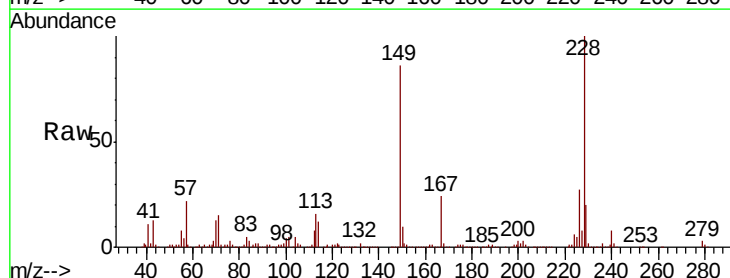
Tgt Ion: 149 Resp: 387295

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

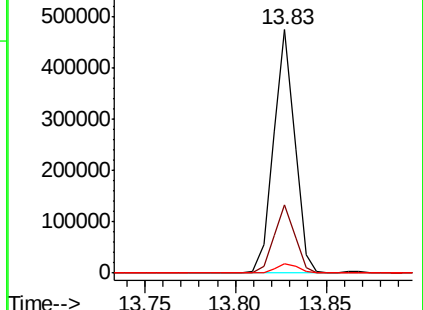
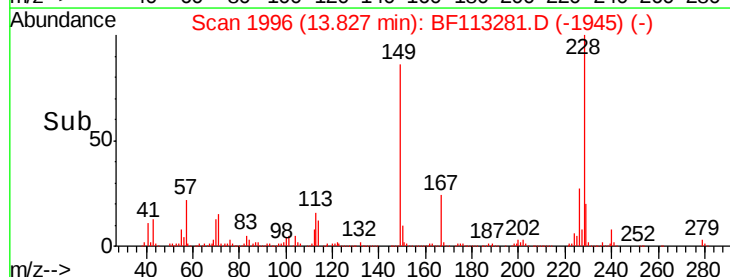
279 3.9 2.9 4.3

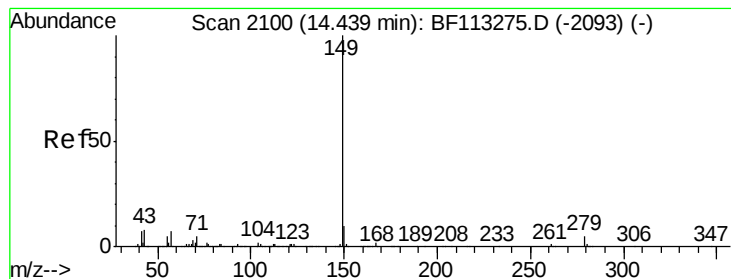


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 18.773 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

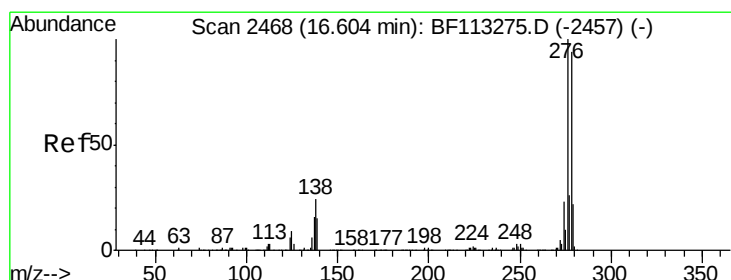
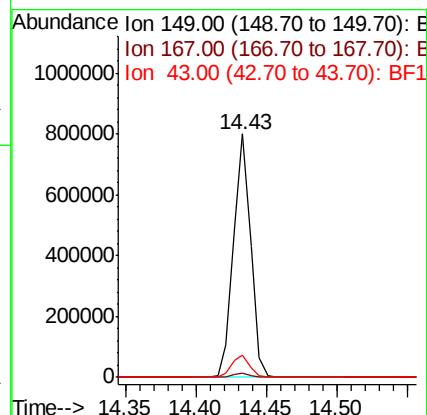
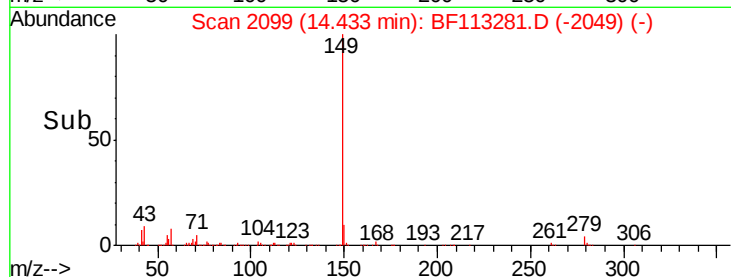
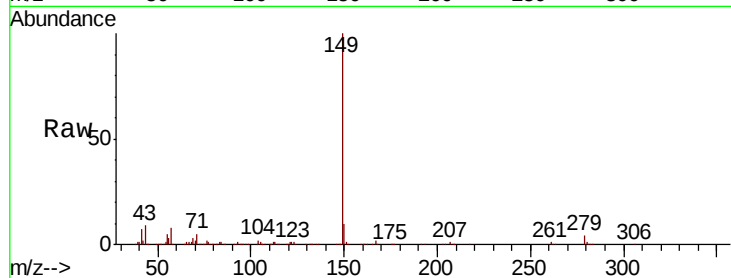
Tgt Ion:149 Resp: 678081

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.7 7.7 11.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.293 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

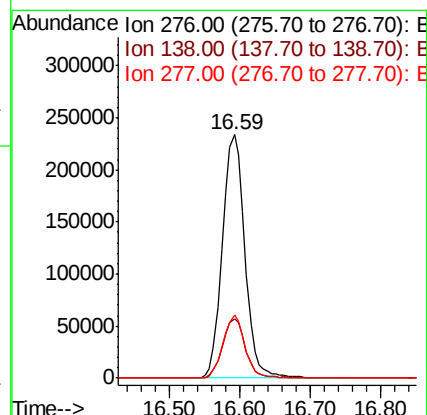
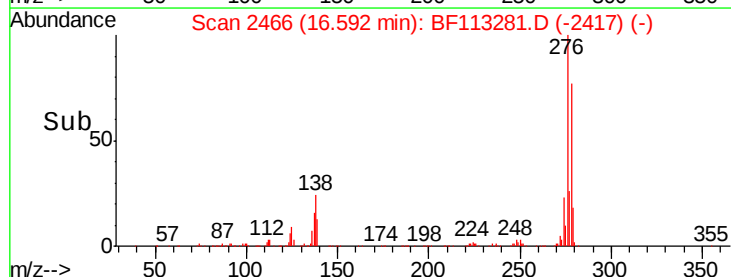
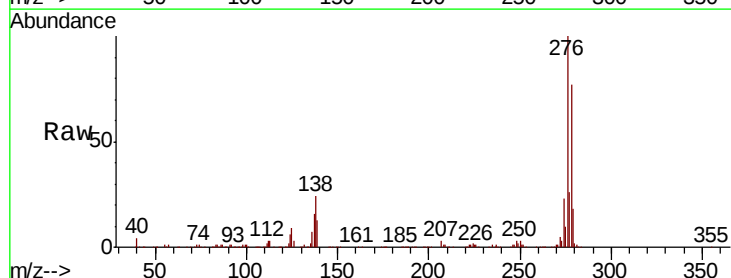
Tgt Ion:276 Resp: 518822

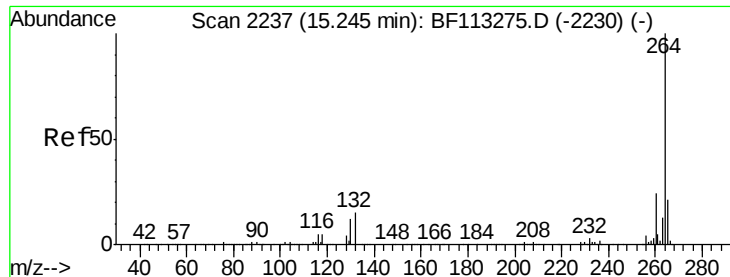
Ion Ratio Lower Upper

276 100

138 24.6 18.1 27.1

277 25.1 20.2 30.4



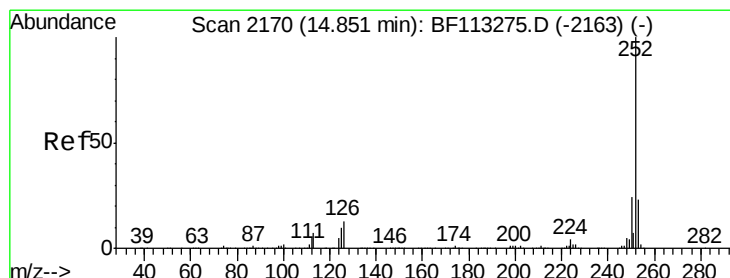
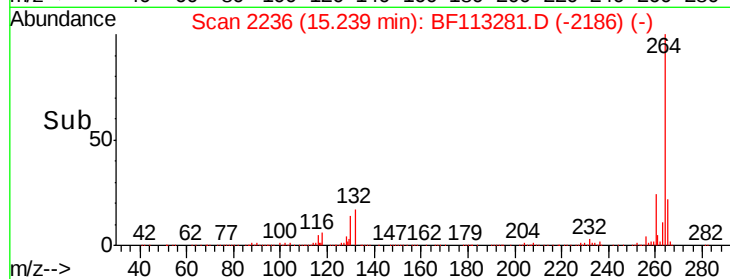
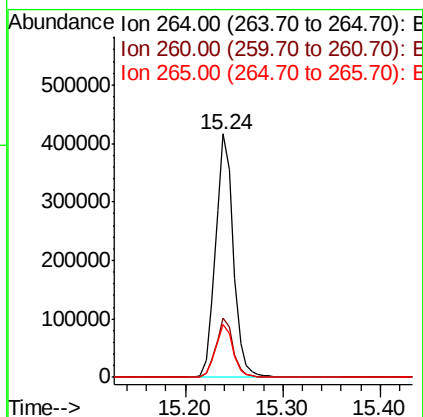
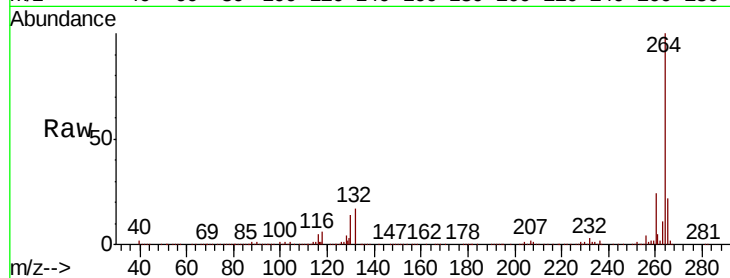


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 264 Resp: 525784

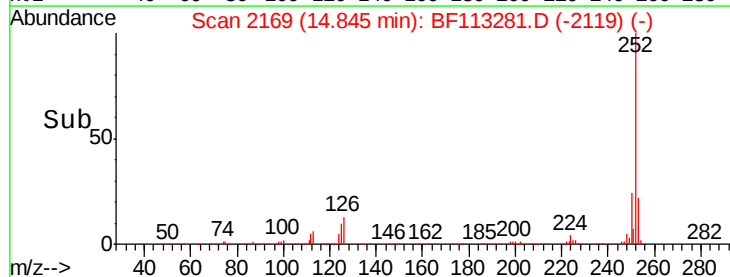
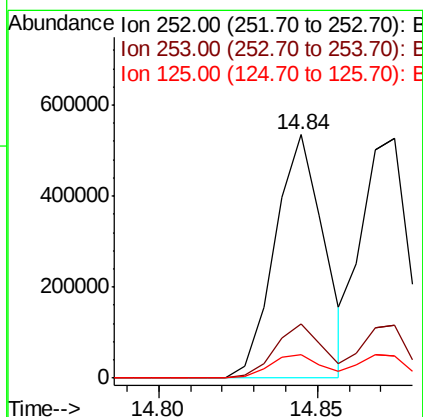
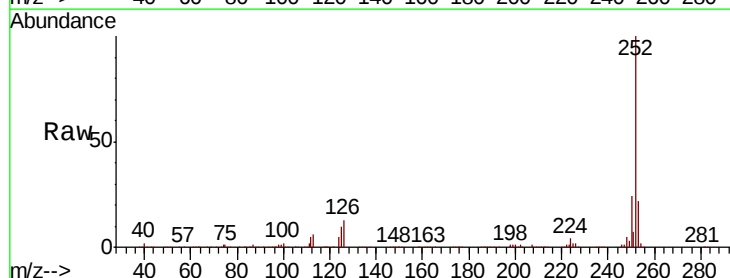
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.8	17.1	25.7

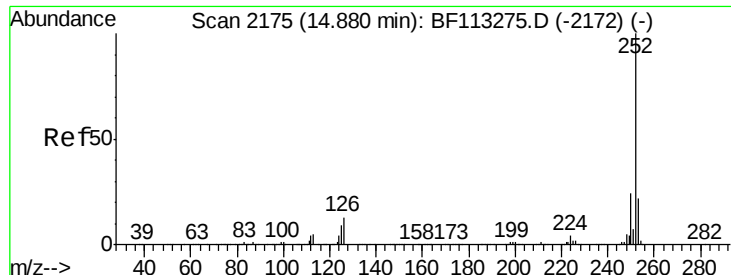


#88
Benzo(b)fluoranthene
Concen: 17.606 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion: 252 Resp: 575044

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.9	7.6	11.4

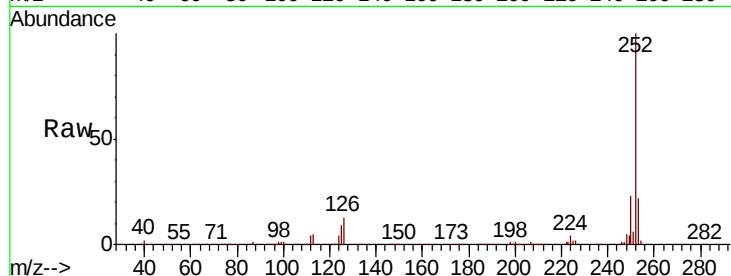




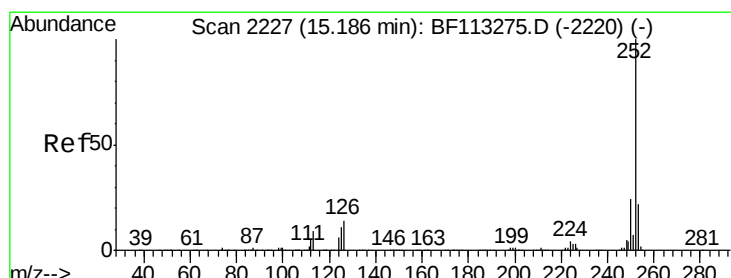
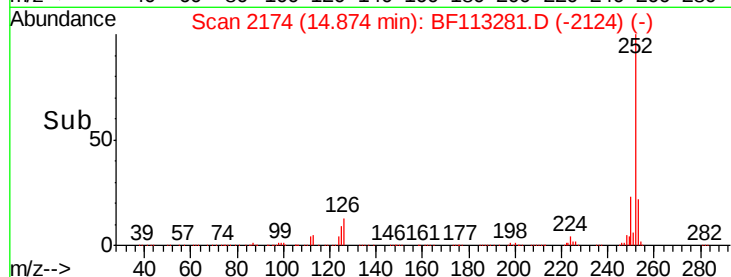
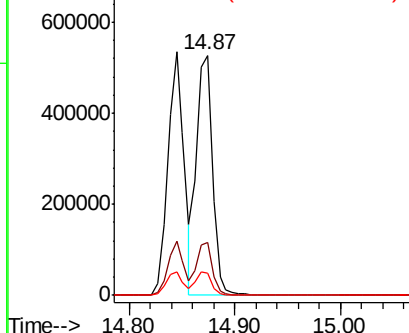
#89
Benzo(k)fluoranthene
Concen: 19.210 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	7.3	10.9

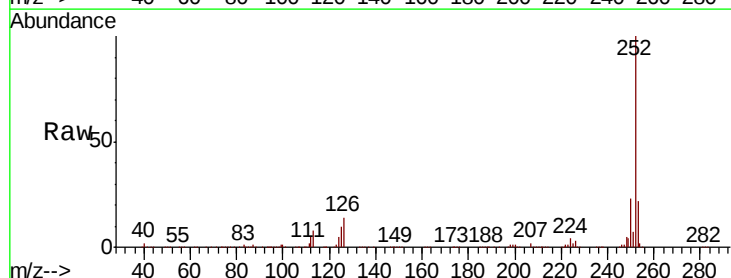


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

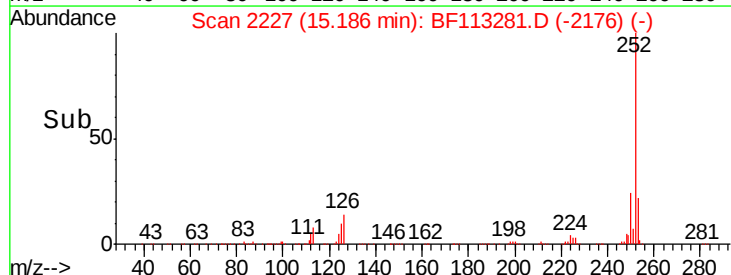
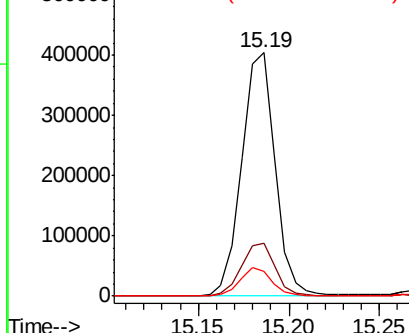


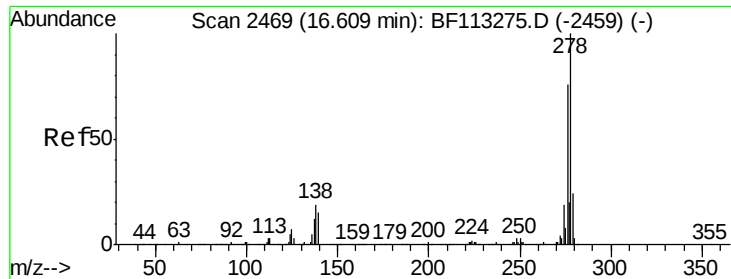
#90
Benzo(a)pyrene
Concen: 17.905 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113281.D
Acq: 25 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.2	8.8	13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 17.398 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2019

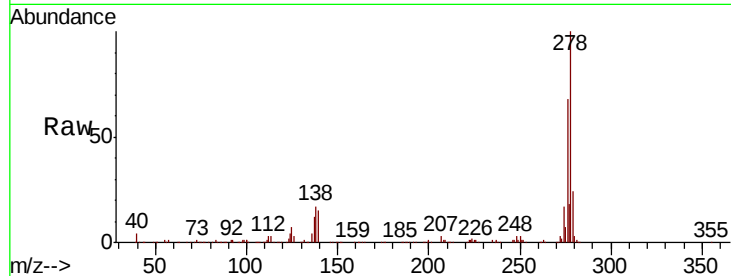
Tgt Ion: 278 Resp: 435584

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

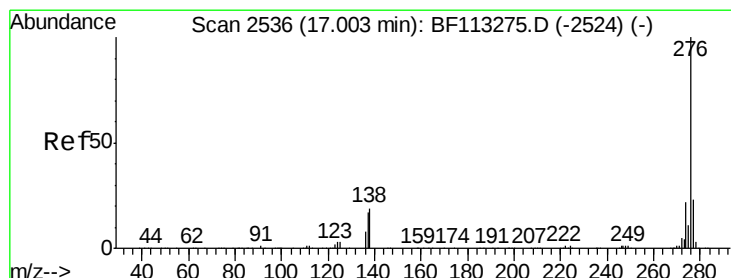
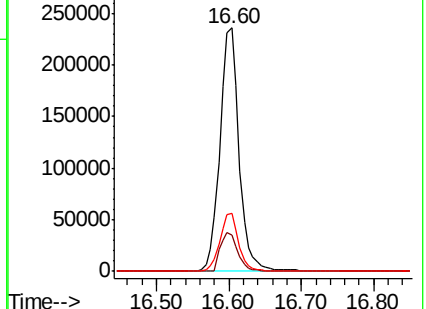
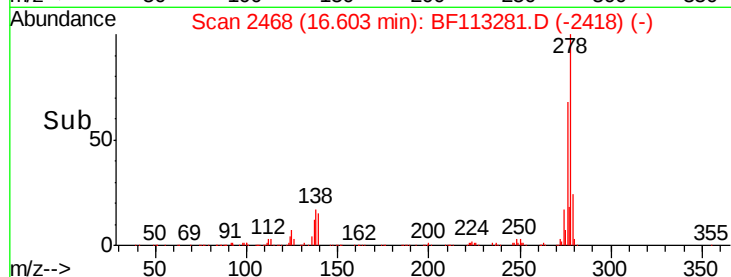
279 23.9 19.0 28.6



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: 16.508 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF113281.D

Acq: 25 Mar 2019 16:07

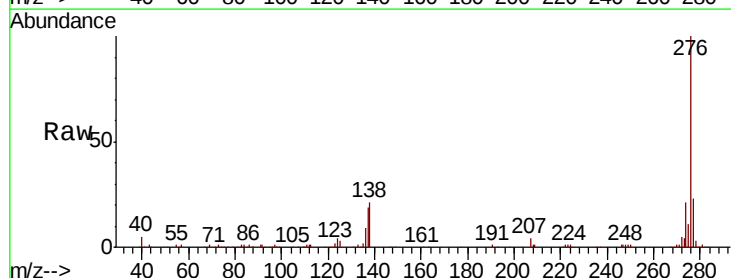
Tgt Ion: 276 Resp: 416741

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.8 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

