

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115934.D
 Acq On : 2 Aug 2019 9:30
 Operator : HP/JU
 Sample : K3591-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Quant Time: Aug 02 17:10:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129745	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	534144	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	290386	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	523168	20.00	ng	0.00
76) Chrysene-d12	14.02	240	419832	20.00	ng	0.00
87) Perylene-d12	15.50	264	410040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	931570	120.20	ng	0.00
7) Phenol-d6	6.49	99	1171068	119.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	739985	79.97	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	336048	119.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1278568	82.47	ng	0.00
79) Terphenyl-d14	12.97	244	1487951	74.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	40208	10.269	ng	99
3) Pyridine	3.42	79	81414	7.444	ng	97
4) n-Nitrosodimethylamine	3.31	42	37813	8.761	ng	# 99
6) Aniline	6.52	93	146148	10.436	ng	99
8) 2-Chlorophenol	6.64	128	89584	10.453	ng	99
9) Benzaldehyde	6.40	77	78781	11.677	ng	99
10) Phenol	6.50	94	123655	10.739	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	85918	10.149	ng	99
12) 1,3-Dichlorobenzene	6.79	146	99965	10.093	ng	97
13) 1,4-Dichlorobenzene	6.87	146	103207	10.407	ng	98
14) 1,2-Dichlorobenzene	7.02	146	93693	10.260	ng	99
15) Benzyl Alcohol	6.99	79	84743	11.420	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	114742	9.936	ng	95
17) 2-Methylphenol	7.10	107	75203	10.363	ng	98
18) Hexachloroethane	7.36	117	35415	9.699	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	65975	10.888	ng	94
20) 3+4-Methylphenols	7.26	107	99236	11.556	ng	# 83
22) Acetophenone	7.26	105	132160	11.282	ng	97
24) Nitrobenzene	7.43	77	104657	10.474	ng	98
25) Isophorone	7.67	82	181113	10.236	ng	99
26) 2-Nitrophenol	7.75	139	45415	9.642	ng	100
27) 2,4-Dimethylphenol	7.79	122	78498	11.078	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	110590	10.084	ng	100
29) 2,4-Dichlorophenol	8.00	162	76917	10.281	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	84389	9.895	ng	98
31) Naphthalene	8.16	128	276038	10.982	ng	98
33) 4-Chloroaniline	8.20	127	116228	10.349	ng	98
34) Hexachlorobutadiene	8.27	225	46453	9.456	ng	99
35) Caprolactam	8.55	113	25521	10.547	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	83107	10.677	ng	97
37) 2-Methylnaphthalene	8.85	142	186289	11.253	ng	99
38) 1-Methylnaphthalene	8.95	142	173969	11.109	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	80807	10.409	ng	99
41) Hexachlorocyclopentadiene	9.00	237	8889	8.283	ng	96

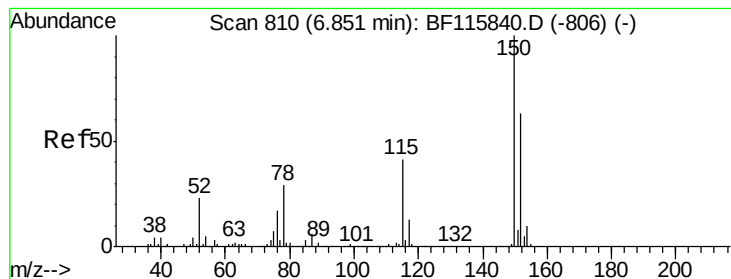
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	49559	9.275	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	53225	9.636	ng	97
46) 1,1'-Biphenyl	9.32	154	229854	11.212	ng	97
47) 2-Chloronaphthalene	9.34	162	174733	10.240	ng	98
48) 2-Nitroaniline	9.43	65	53169	9.427	ng	88
49) Acenaphthylene	9.75	152	281193	11.296	ng	99
50) Dimethylphthalate	9.61	163	203052	10.270	ng	98
51) 2,6-Dinitrotoluene	9.67	165	43637	10.156	ng	98
52) Acenaphthene	9.93	154	170349	11.155	ng	97
53) 3-Nitroaniline	9.85	138	49744	9.369	ng	93
54) 2,4-Dinitrophenol	9.97	184	7737	11.007	ng	89
55) Dibenzofuran	10.10	168	253574	11.418	ng	100
56) 4-Nitrophenol	10.03	139	20478	6.021	ng	94
57) 2,4-Dinitrotoluene	10.08	165	56968	9.958	ng	89
58) Fluorene	10.44	166	198425	11.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	45073	9.699	ng	99
60) Diethylphthalate	10.31	149	198015	10.727	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	95441	11.029	ng	98
62) 4-Nitroaniline	10.46	138	53238	9.703	ng	100
63) Azobenzene	10.59	77	213332	11.236	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	19634	7.082	ng	98
66) n-Nitrosodiphenylamine	10.55	169	172432	10.950	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	56849	10.151	ng	95
68) Hexachlorobenzene	11.00	284	65075	10.048	ng	96
69) Atrazine	11.07	200	54060	10.435	ng	98
70) Pentachlorophenol	11.20	266	18617	5.921	ng	# 91
71) Phenanthrene	11.40	178	300187	11.224	ng	99
72) Anthracene	11.46	178	310844	11.484	ng	99
73) Carbazole	11.61	167	275518	11.220	ng	98
74) Di-n-butylphthalate	11.94	149	314810	10.989	ng	98
75) Fluoranthene	12.59	202	318318	11.369	ng	99
77) Benzidine	12.71	184	141392	9.969	ng	98
78) Pyrene	12.82	202	327843	10.359	ng	98
80) Butylbenzylphthalate	13.43	149	130669	9.761	ng	97
81) Benzo(a)anthracene	14.01	228	271971	10.135	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	102853	11.033	ng	98
83) Chrysene	14.05	228	271440	10.419	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	183953	10.574	ng	99
85) Di-n-octyl phthalate	14.61	149	300419	10.872	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	212372	9.706	ng	99
88) Benzo(b)fluoranthene	15.07	252	232192	9.793	ng	99
89) Benzo(k)fluoranthene	15.10	252	245776	10.643	ng	96
90) Benzo(a)pyrene	15.43	252	217977	10.285	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	179413	9.780	ng	99
92) Benzo(g,h,i)perylene	17.43	276	173626	9.637	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

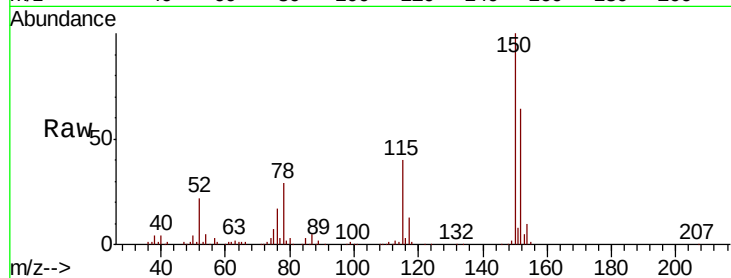
Tot Ion:152 Resp: 129745

Ion Ratio Lower Upper

152 100

150 155.0 127.4 191.0

115 62.4 51.8 77.8

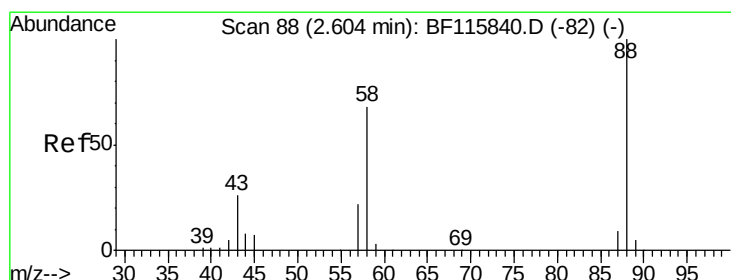
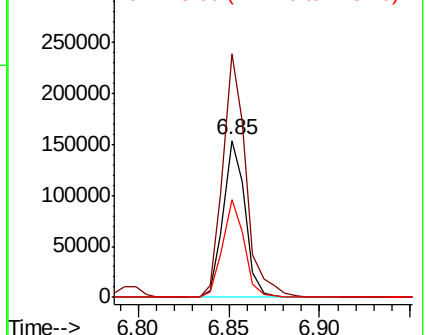
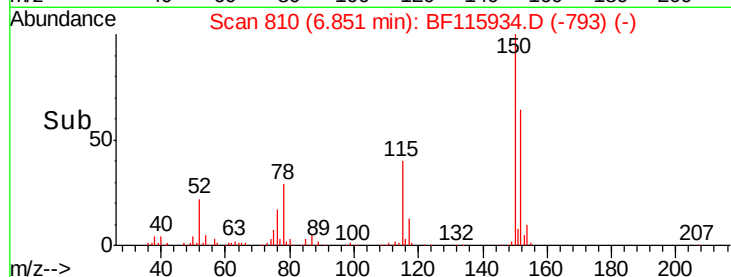


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.269 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

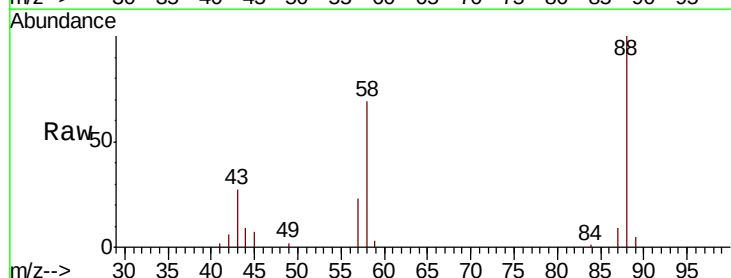
Tgt Ion: 88 Resp: 40208

Ion Ratio Lower Upper

88 100

58 67.8 54.1 81.1

43 27.2 20.7 31.1

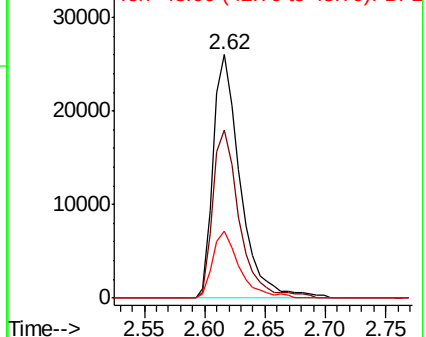
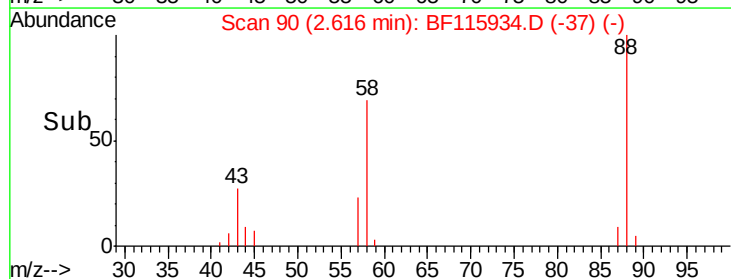


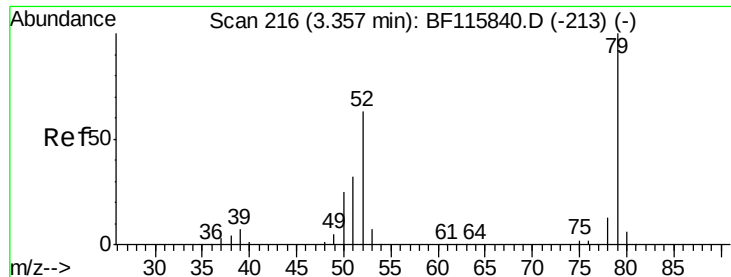
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 7.444 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

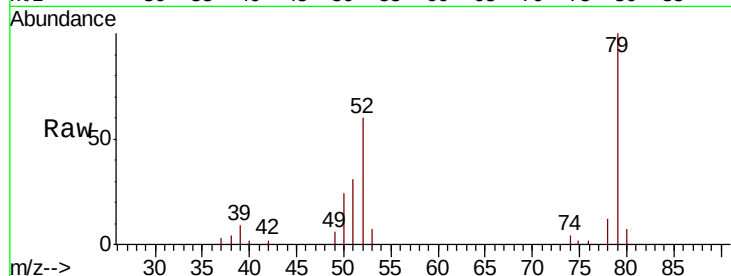
Tot Ion: 79 Resp: 81414

Ion Ratio Lower Upper

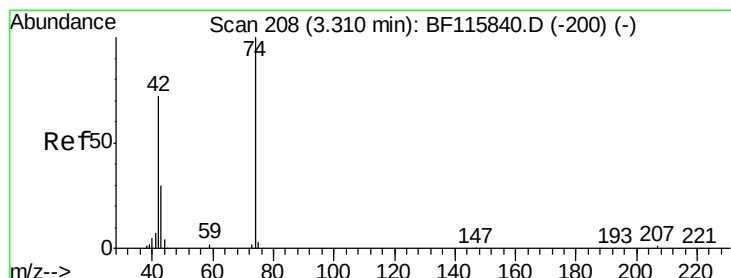
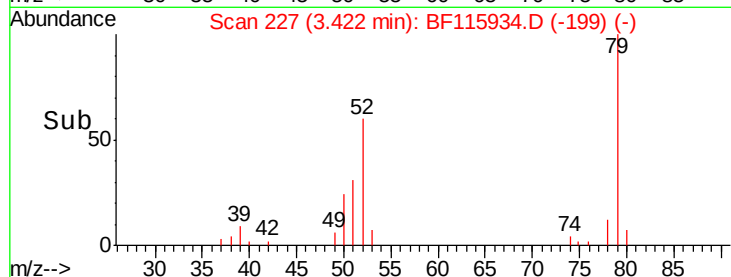
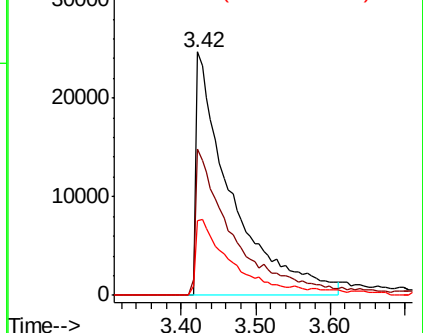
79 100

52 60.1 50.2 75.4

51 30.6 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 8.761 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

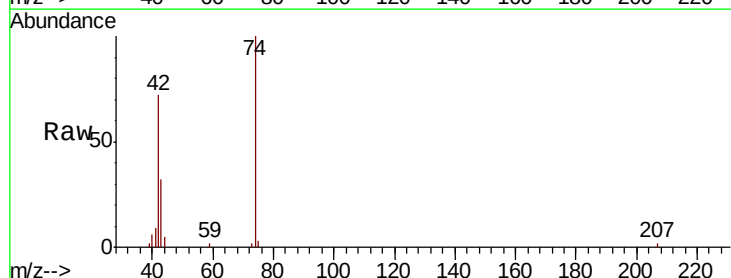
Tgt Ion: 42 Resp: 37813

Ion Ratio Lower Upper

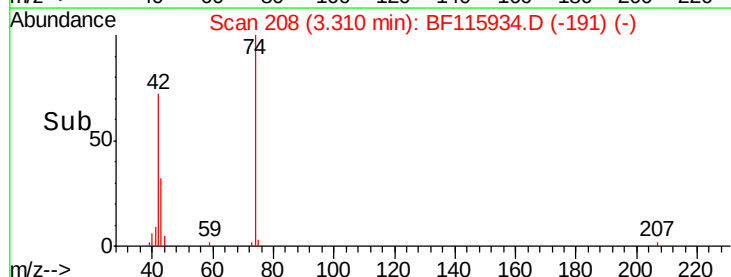
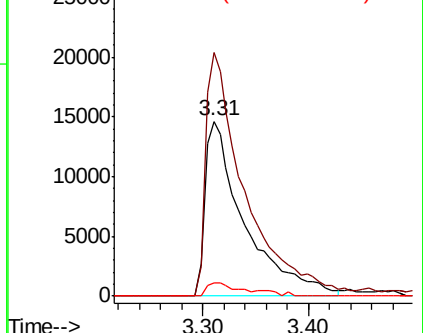
42 100

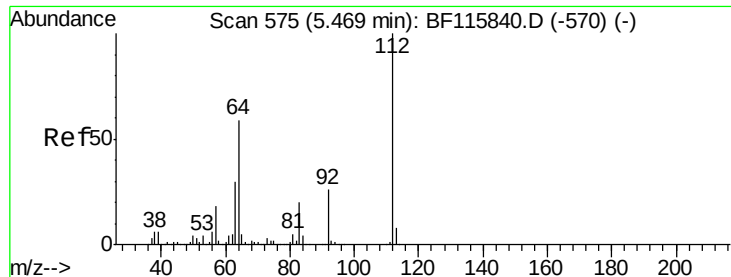
74 139.1 111.0 166.4

44 7.4 4.7 7.1#



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: 120.198 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

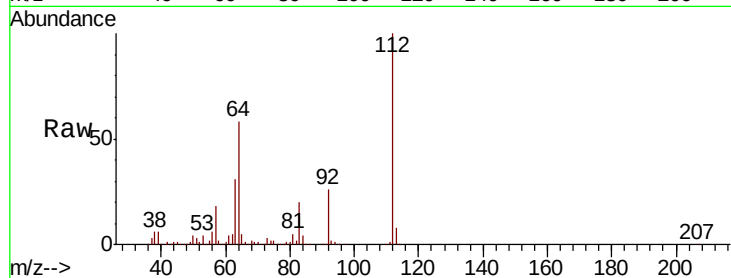
Tot Ion:112 Resp: 931570

Ion Ratio Lower Upper

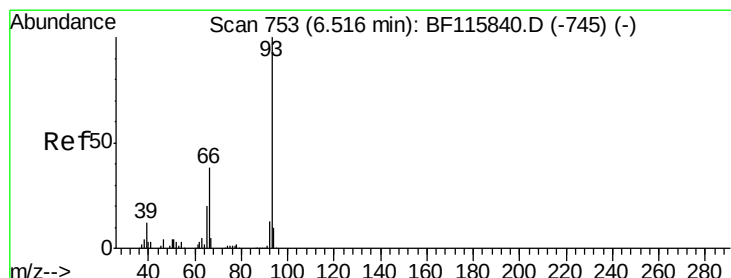
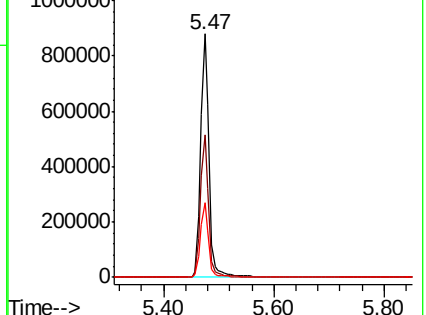
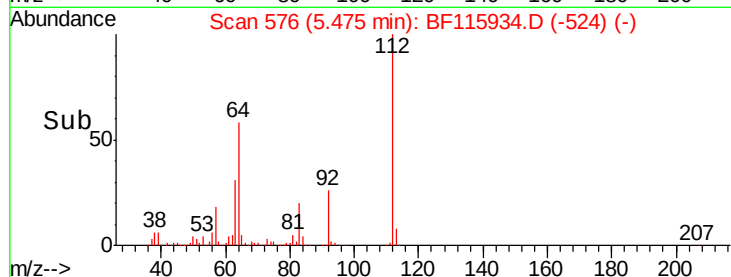
112 100

64 58.4 46.8 70.2

63 30.8 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.436 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

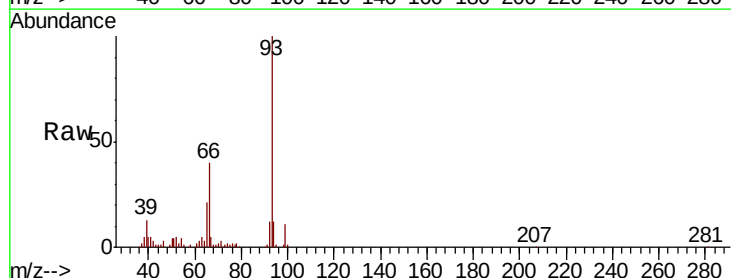
Tgt Ion: 93 Resp: 146148

Ion Ratio Lower Upper

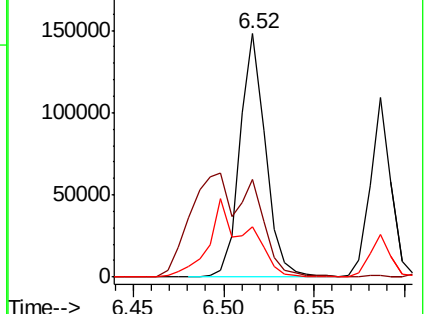
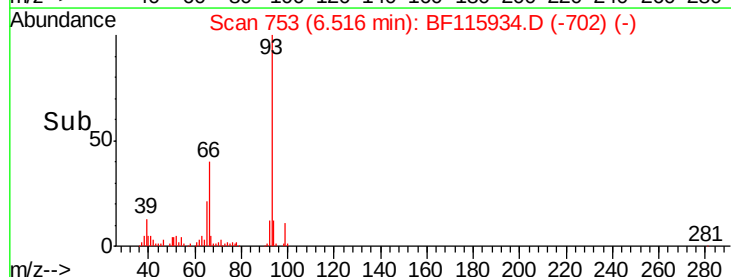
93 100

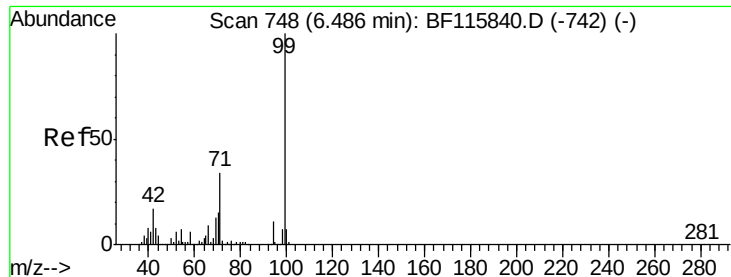
66 40.2 31.4 47.0

65 20.9 16.5 24.7



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: 119.761 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

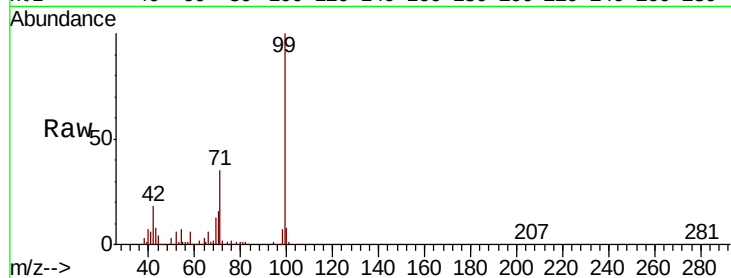
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 99 Resp: 1171068

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	35.0	27.1	40.7

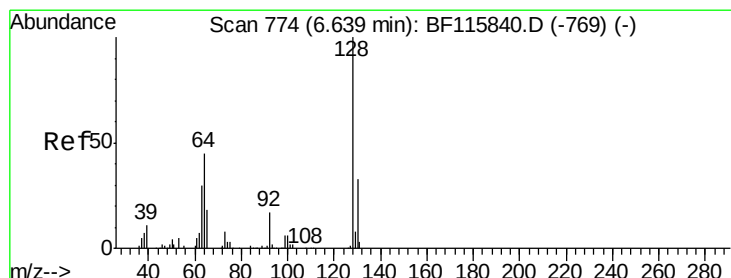
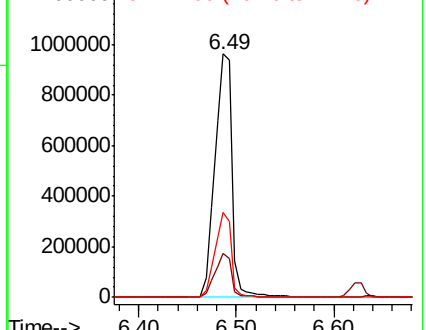
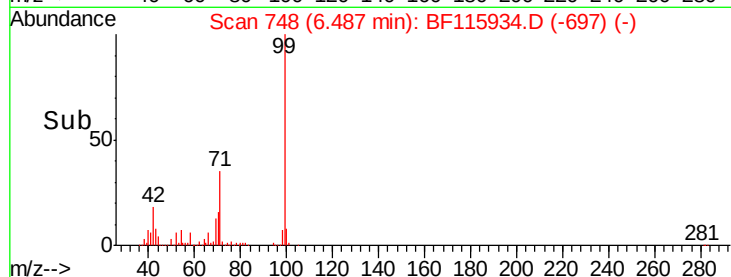


Abundance

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: 10.453 ng

RT: 6.64 min Scan# 774

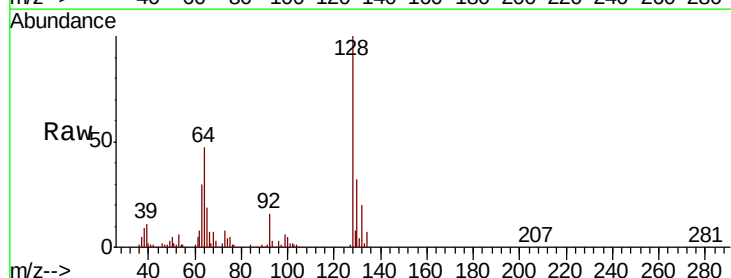
Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Tgt Ion: 128 Resp: 89584

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	46.7	26.1	66.1

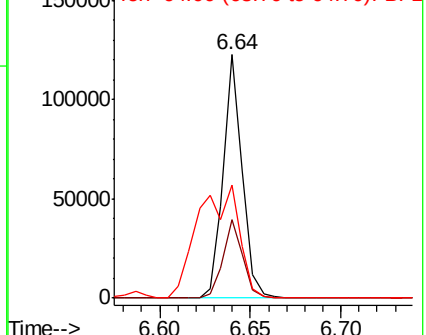
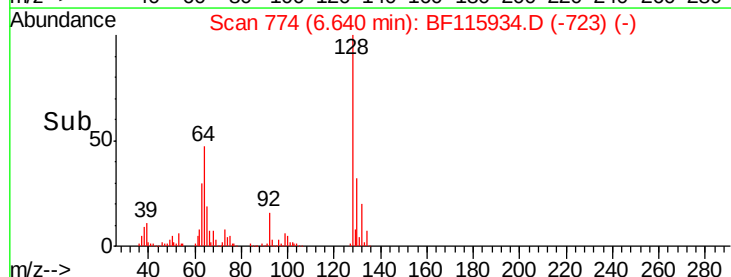


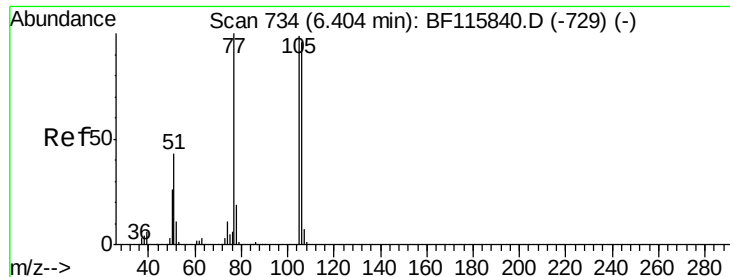
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.677 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

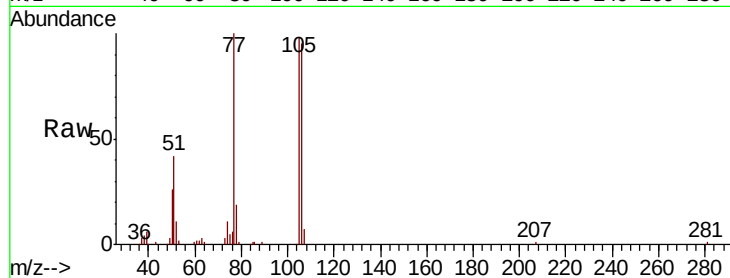
Tot Ion: 77 Resp: 78781

Ion Ratio Lower Upper

77 100

105 98.1 79.0 119.0

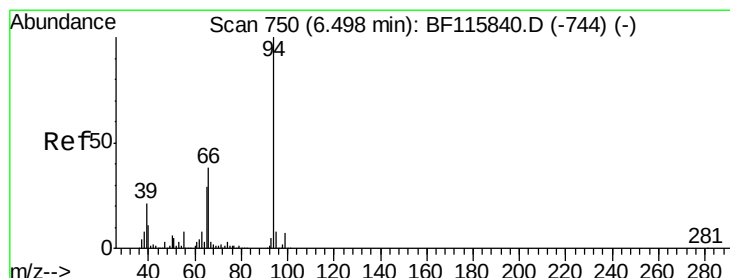
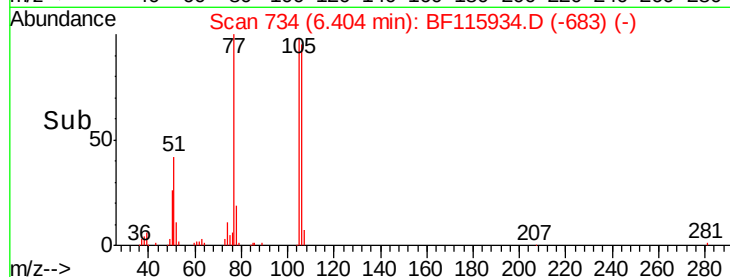
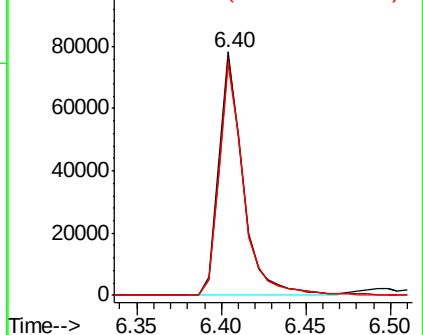
106 94.9 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.739 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

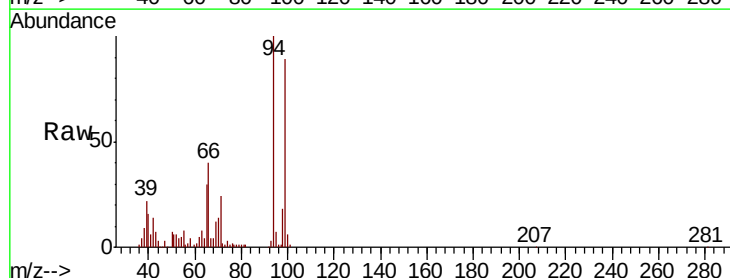
Tgt Ion: 94 Resp: 123655

Ion Ratio Lower Upper

94 100

65 29.8 8.9 48.9

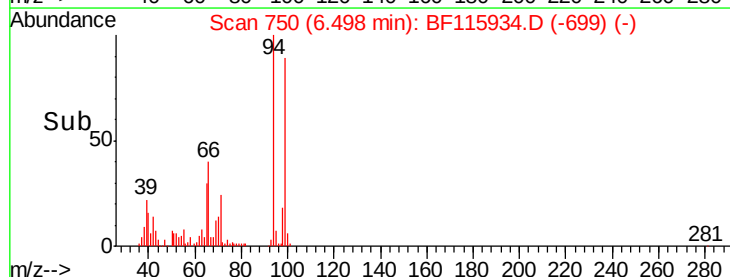
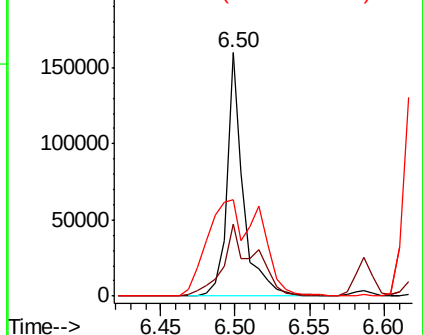
66 39.5 18.0 58.0

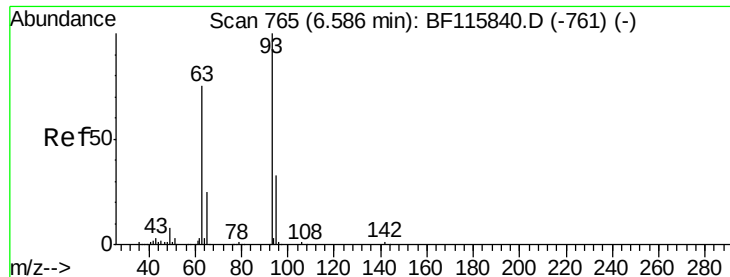


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

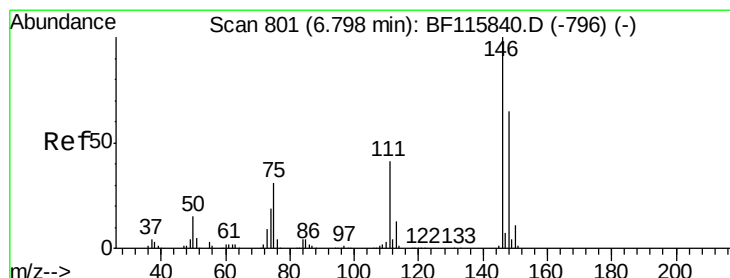
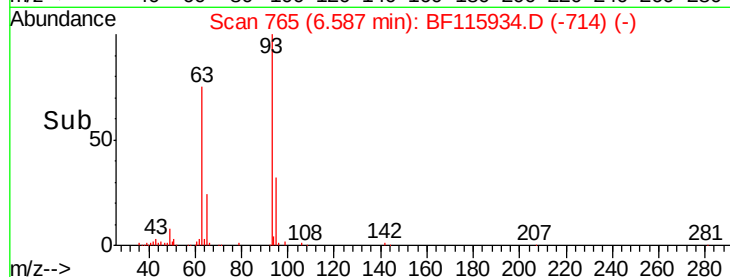
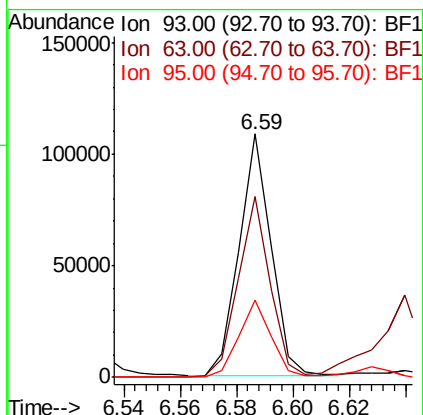
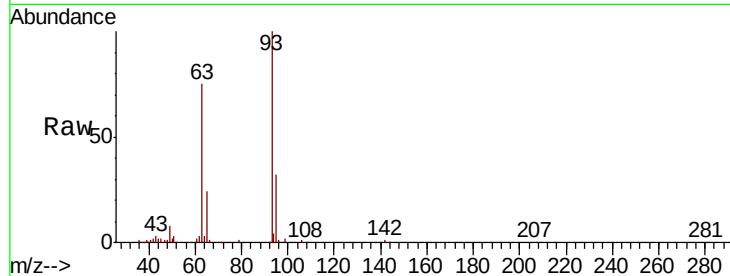




#11
bis(2-Chloroethyl)ether
Concen: 10.149 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

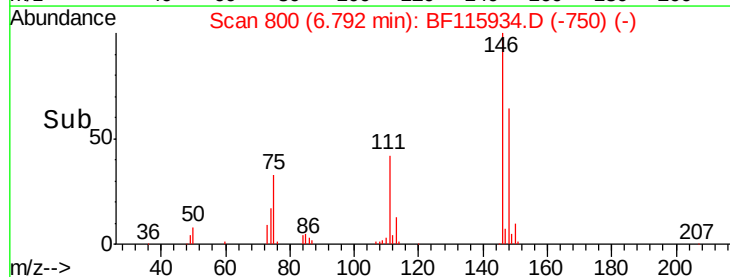
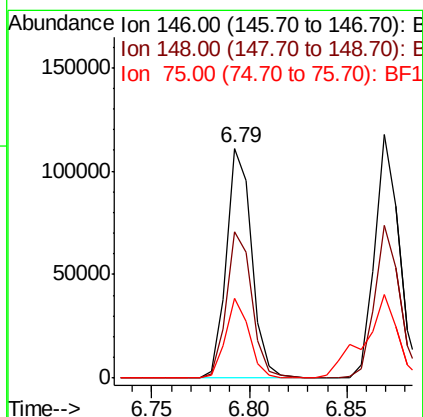
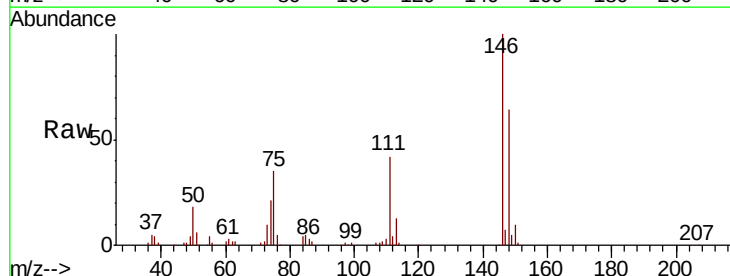
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

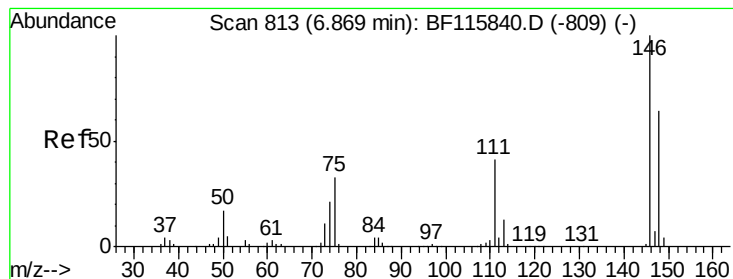
Tot Ion: 93 Resp: 85918
Ion Ratio Lower Upper
93 100
63 74.5 54.9 94.9
95 31.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 10.093 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion: 146 Resp: 99965
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 34.8 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 10.407 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

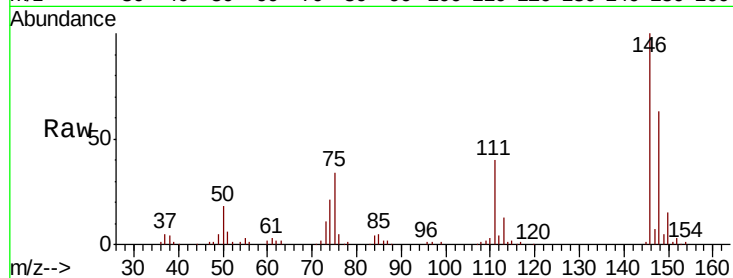
Tot Ion:146 Resp: 103207

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

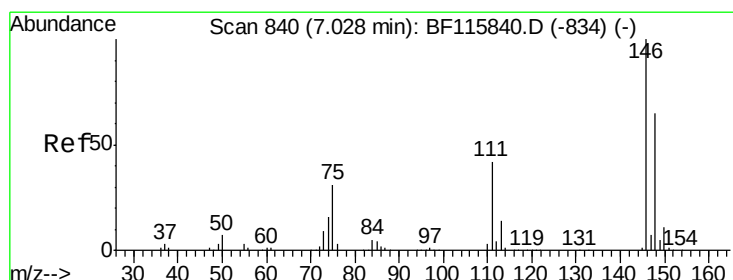
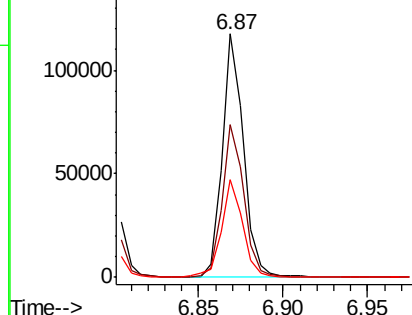
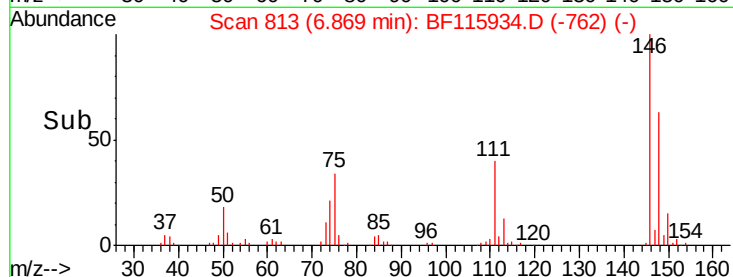
111 39.9 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.260 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

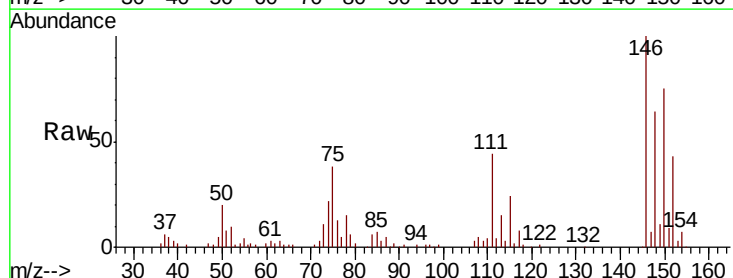
Tgt Ion:146 Resp: 93693

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

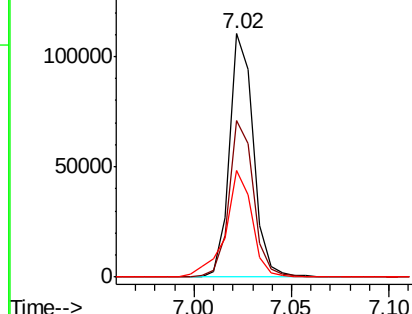
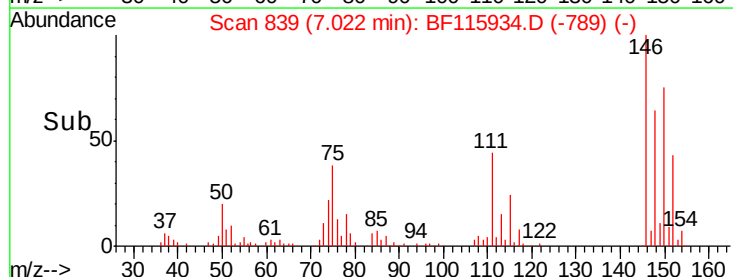
111 43.8 33.6 50.4

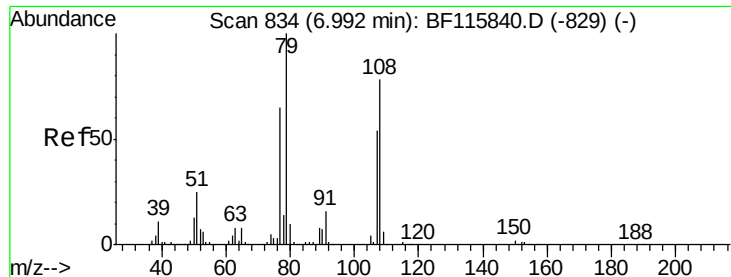


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.420 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

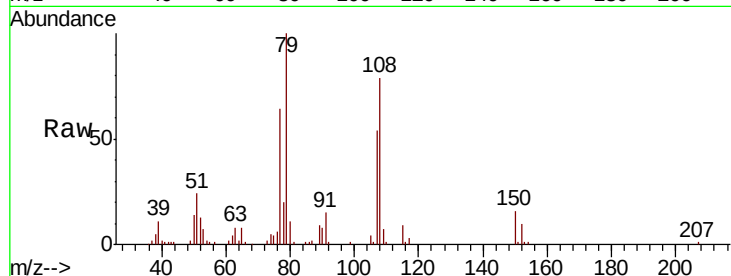
Tot Ion: 79 Resp: 84743

Ion Ratio Lower Upper

79 100

108 79.2 62.8 94.2

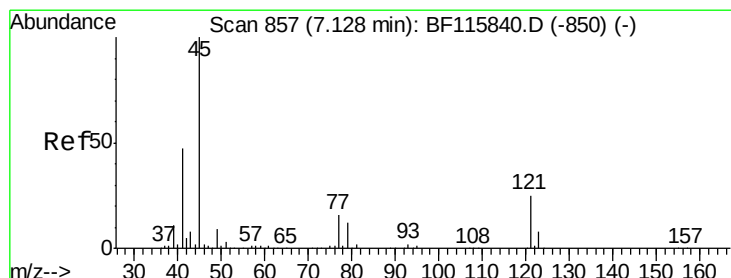
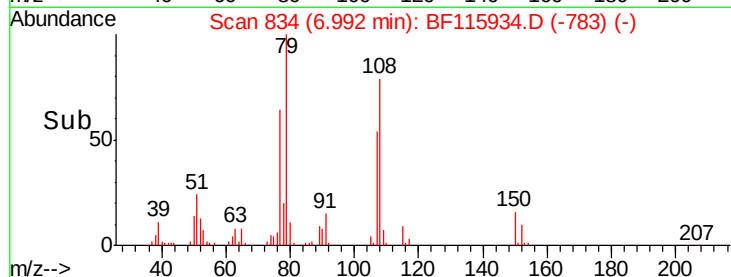
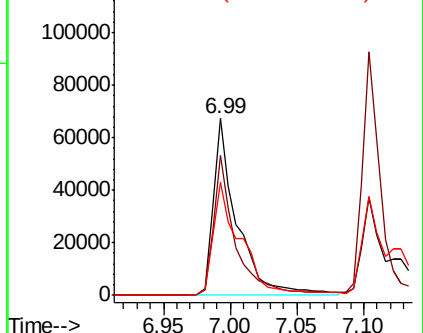
77 64.2 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.936 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

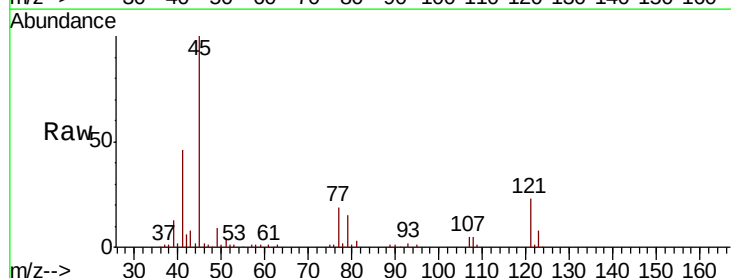
Tgt Ion: 45 Resp: 114742

Ion Ratio Lower Upper

45 100

77 18.6 0.0 36.3

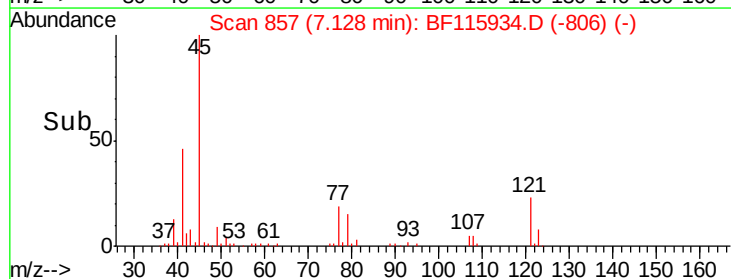
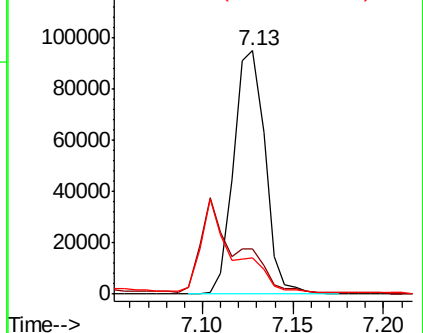
79 14.8 0.0 32.5

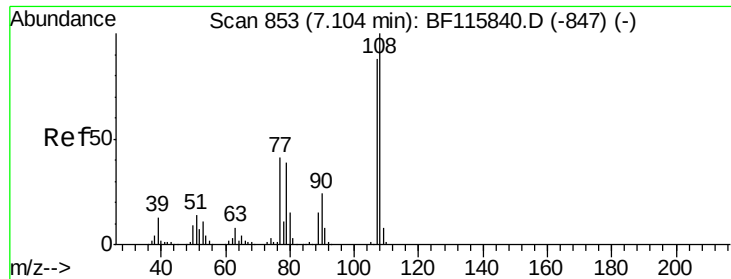


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

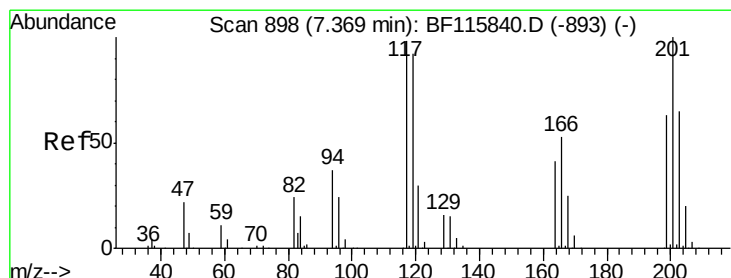
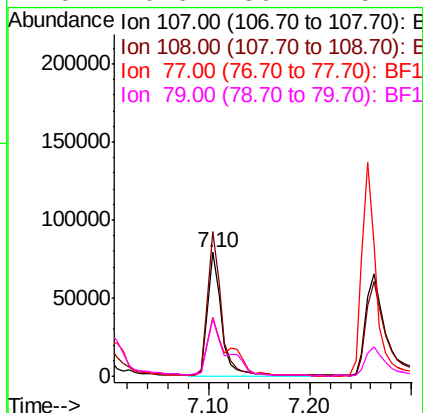
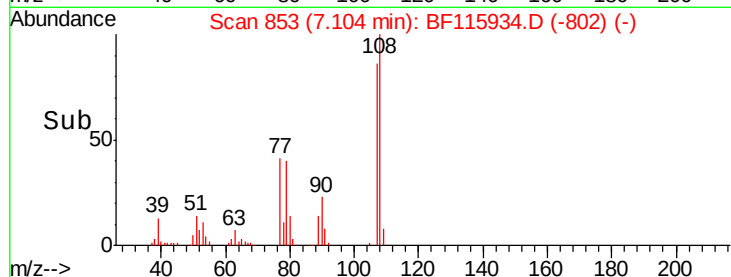
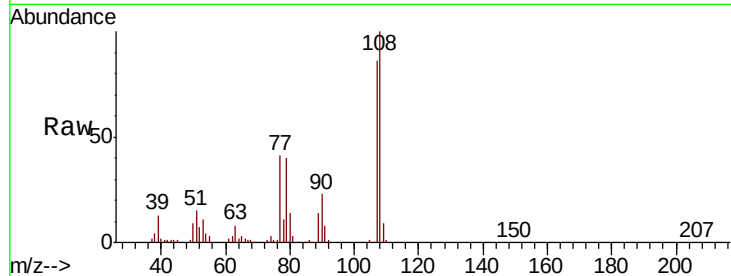




#17
2-Methylphenol
Concen: 10.363 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

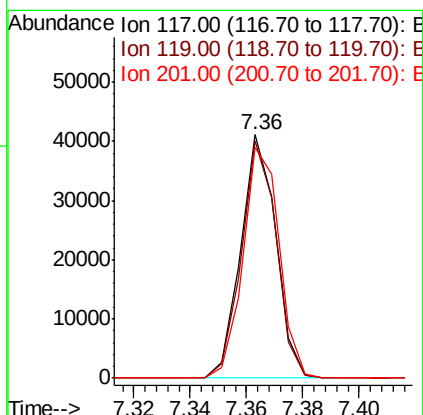
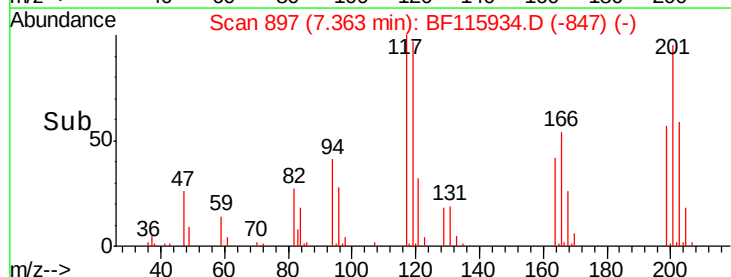
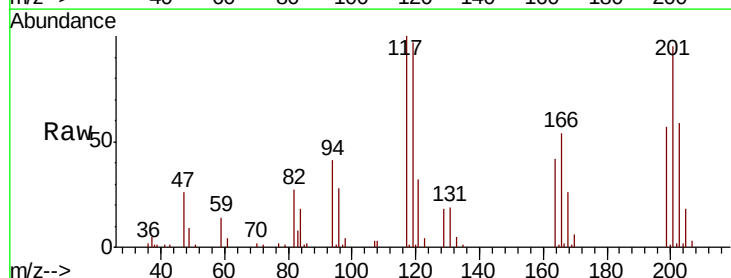
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

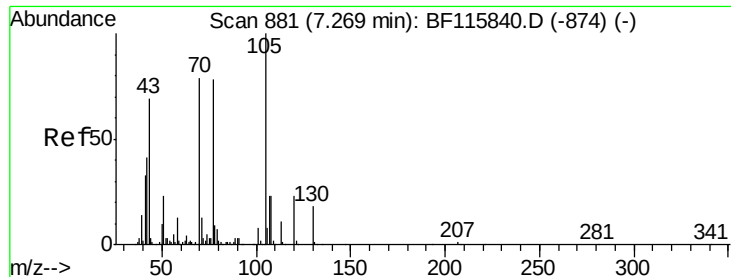
Tot Ion:	107	Resp:	75203
Ion	Ratio	Lower	Upper
107	100		
108	116.7	91.4	137.0
77	47.6	37.6	56.4
79	46.6	36.2	54.4



#18
Hexachloroethane
Concen: 9.699 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:	117	Resp:	35415
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.6
201	94.8	82.0	123.0

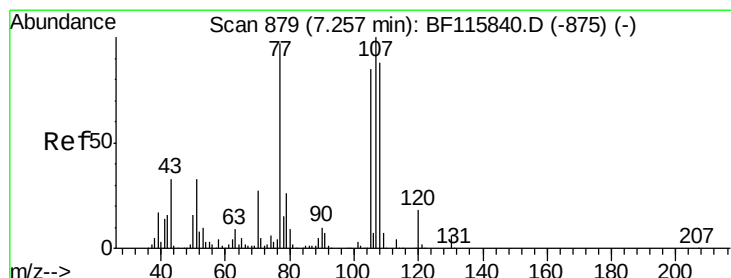
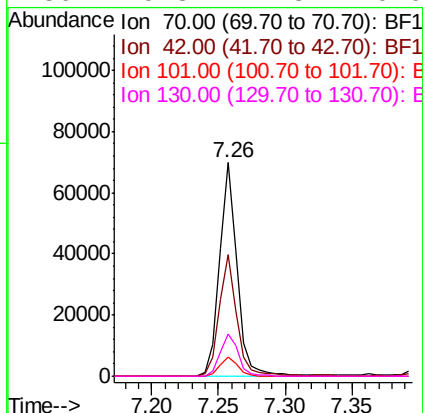
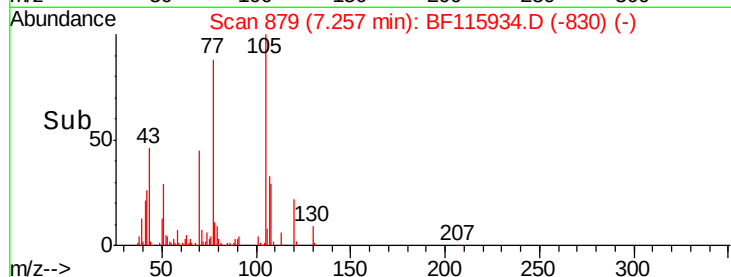
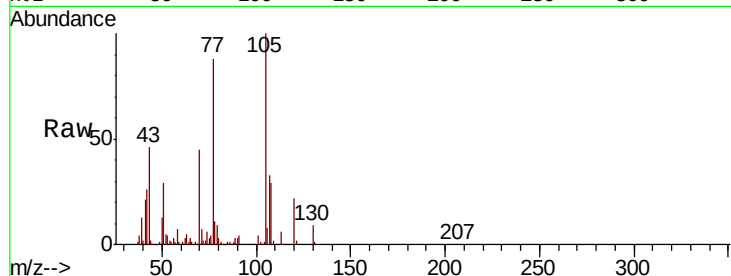




#19
n-Nitroso-di-n-propylamine
Concen: 10.888 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

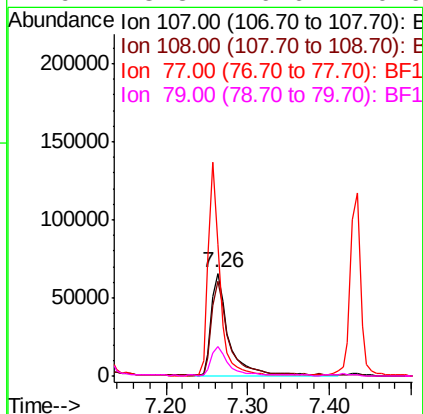
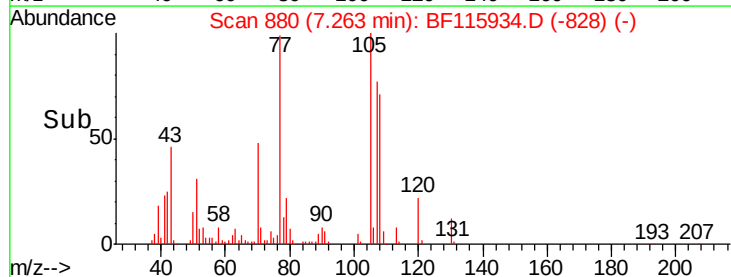
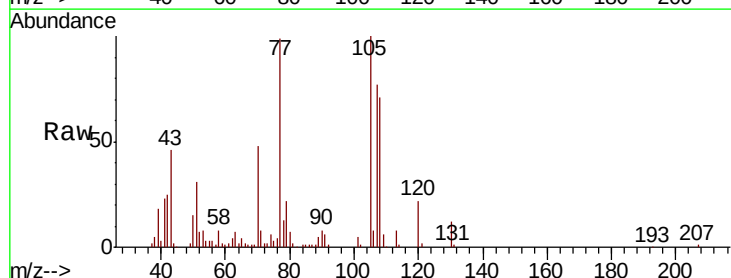
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

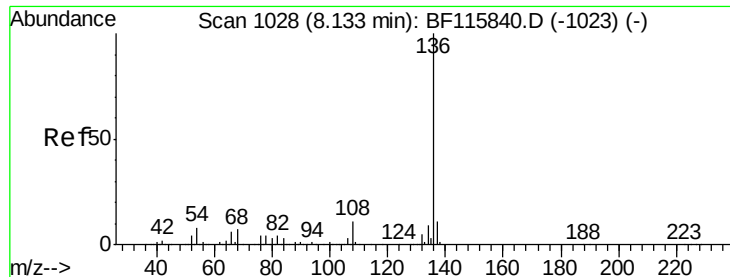
Tot Ion: 70 Resp: 65975
Ion Ratio Lower Upper
70 100
42 57.1 41.8 62.8
101 9.1 7.7 11.5
130 19.8 17.8 26.6



#20
3+4-Methylphenols
Concen: 11.556 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:107 Resp: 99236
Ion Ratio Lower Upper
107 100
108 92.2 67.9 107.9
77 128.1 77.3 117.3#
79 28.3 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:136 Resp: 534144

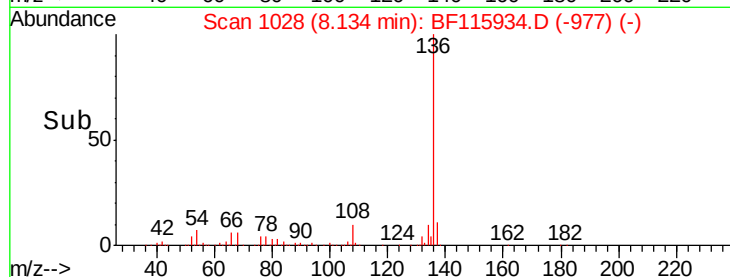
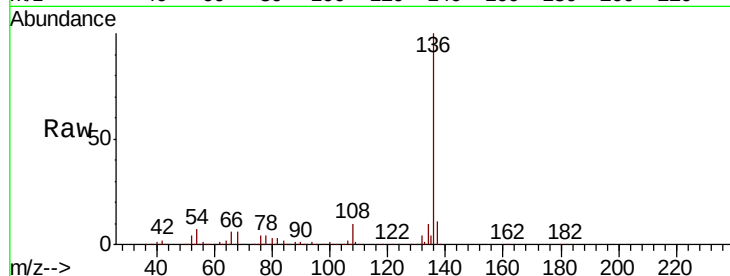
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.0 6.1 9.1

68 6.2 5.4 8.2

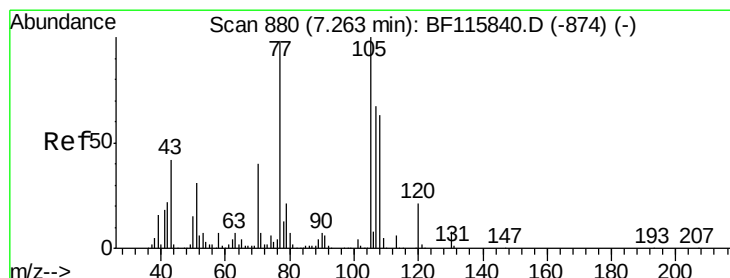
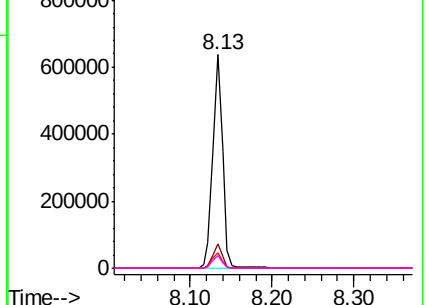


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.282 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Tgt Ion:105 Resp: 132160

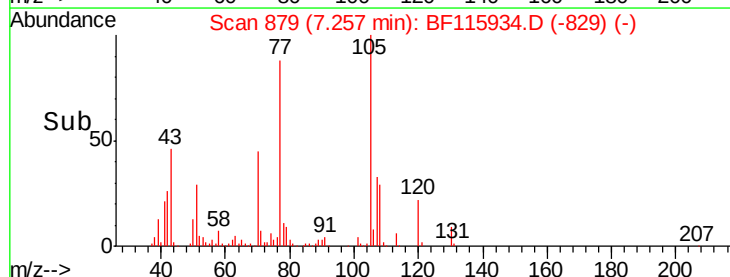
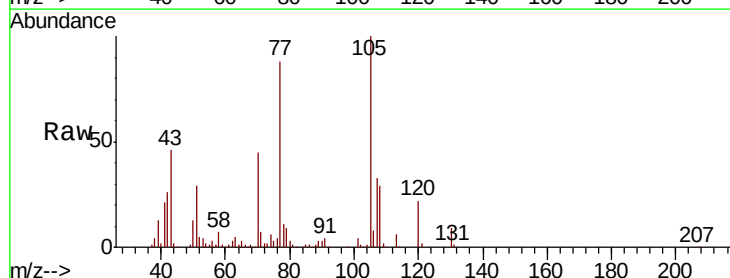
Ion Ratio Lower Upper

105 100

71 7.3 5.4 8.0

51 28.7 24.6 36.8

120 21.9 17.0 25.6

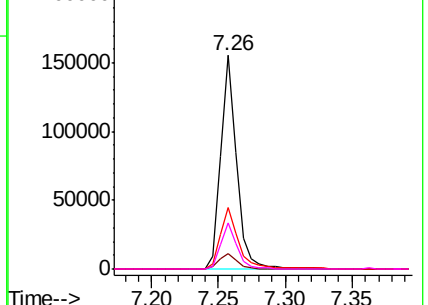


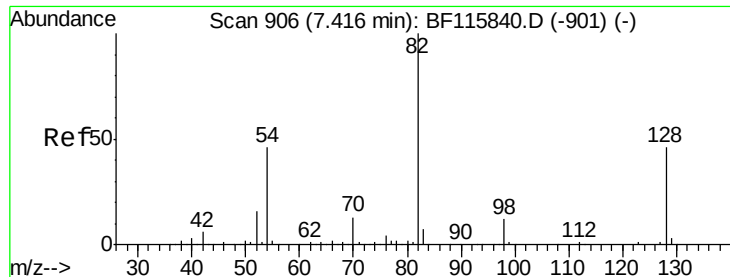
Abundance Ion 105.00 (104.70 to 105.70): E

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

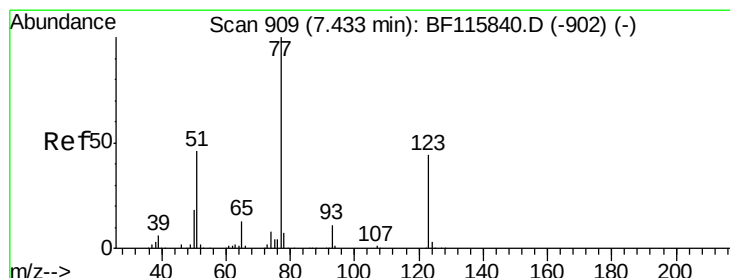
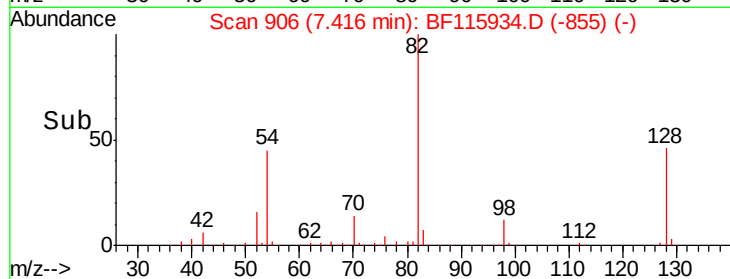
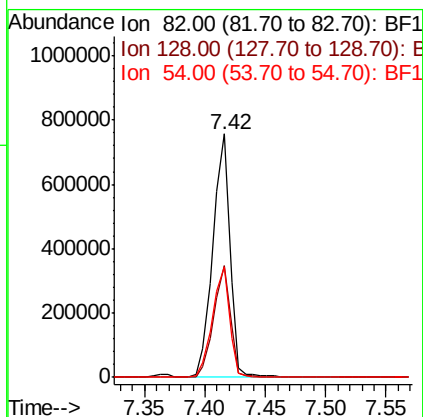
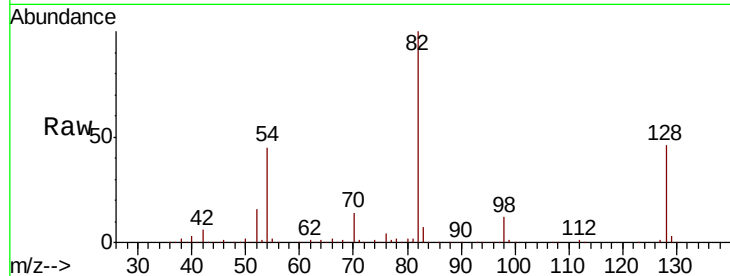




#23
 Nitrobenzene-d5
 Concen: 79.968 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

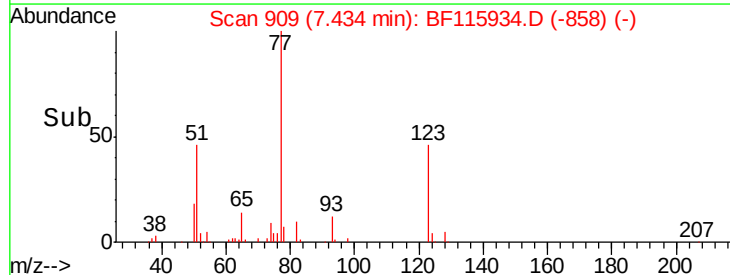
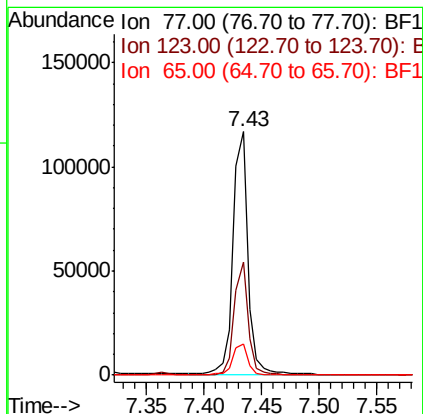
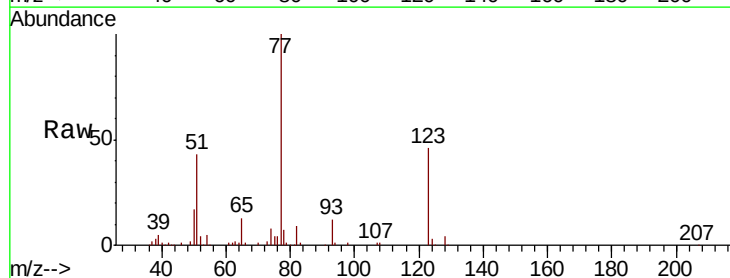
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

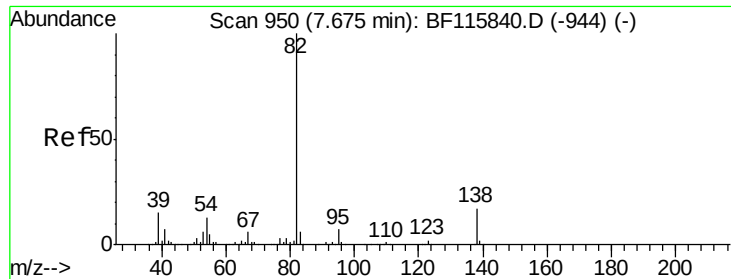
Tot Ion	82	Resp	739985
Ion Ratio	100		
Lower	36.6		
Upper	55.0		
128	46.1		
54	45.4		



#24
 Nitrobenzene
 Concen: 10.474 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion	77	Resp	104657
Ion Ratio	100		
Lower	35.5		
Upper	53.3		
123	46.2		
65	12.8		





#25

Isophorone

Concen: 10.236 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

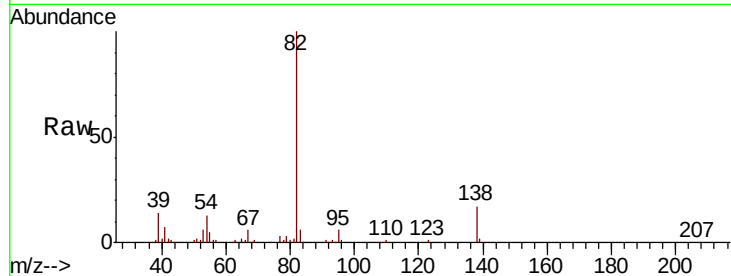
Tot Ion: 82 Resp: 181113

Ion Ratio Lower Upper

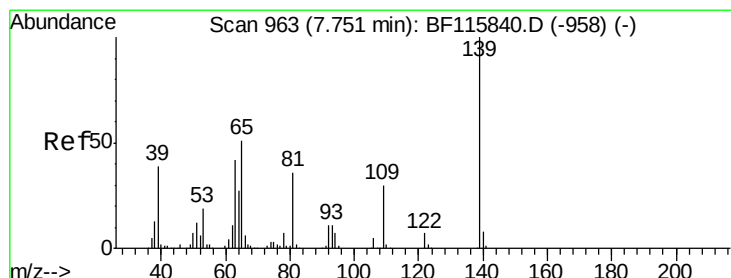
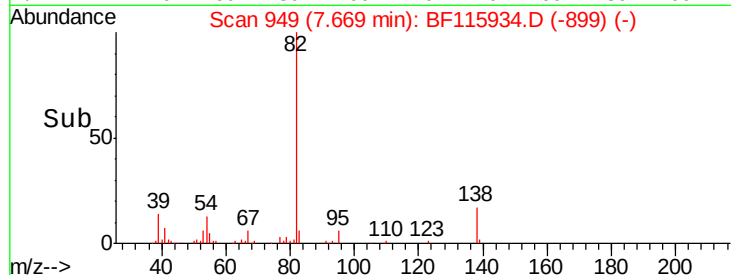
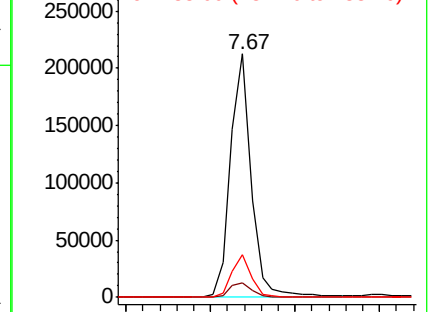
82 100

95 6.2 5.5 8.3

138 17.3 13.9 20.9



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



#26

2-Nitrophenol

Concen: 9.642 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

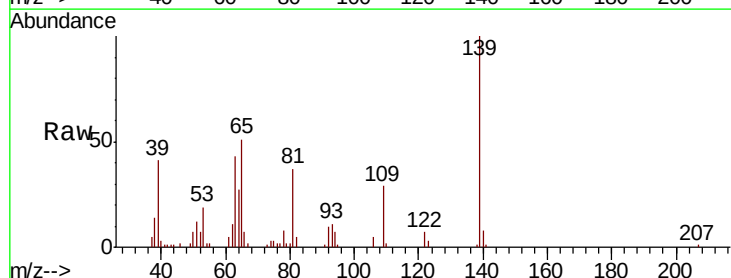
Tgt Ion: 139 Resp: 45415

Ion Ratio Lower Upper

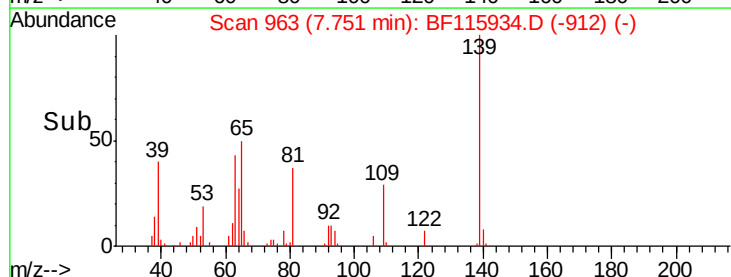
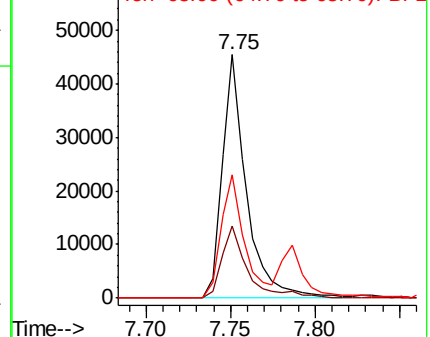
139 100

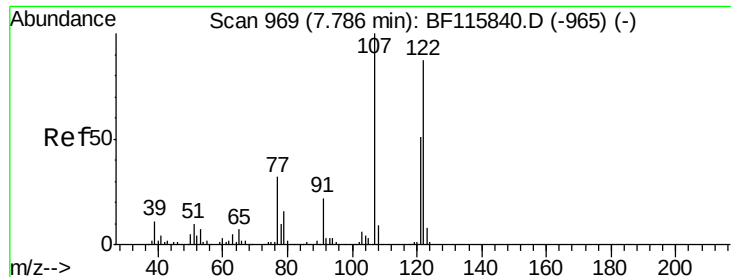
109 29.4 23.6 35.4

65 50.8 40.6 60.8



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

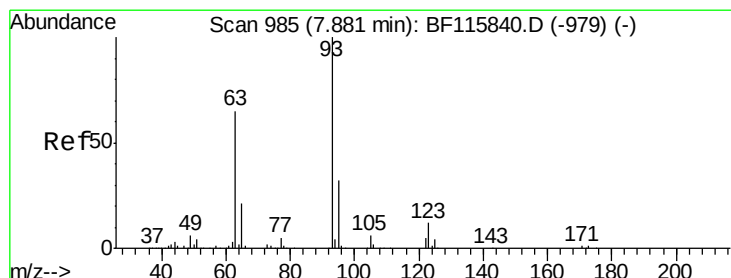
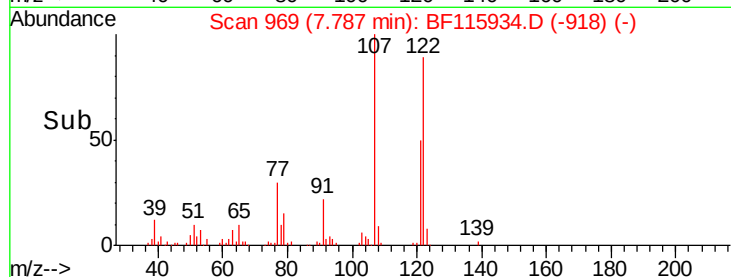
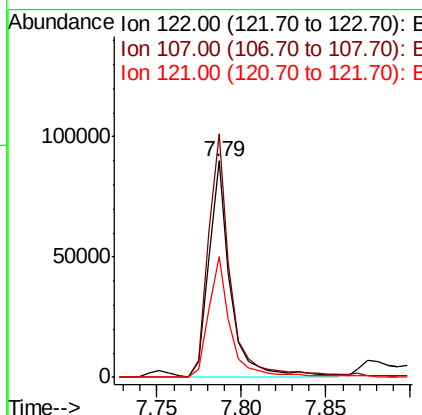
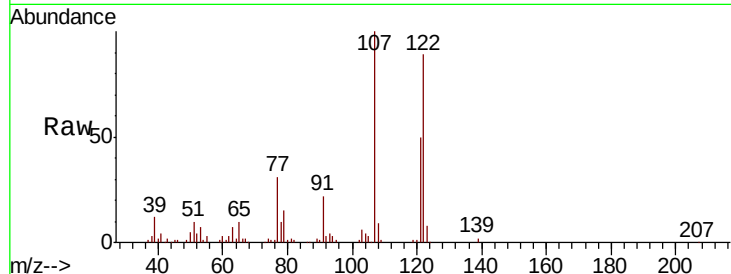




#27
2,4-Dimethylphenol
Concen: 11.078 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

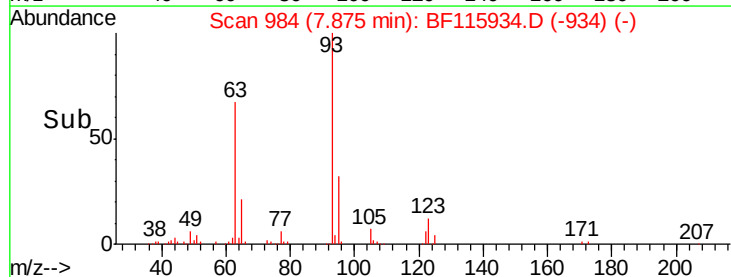
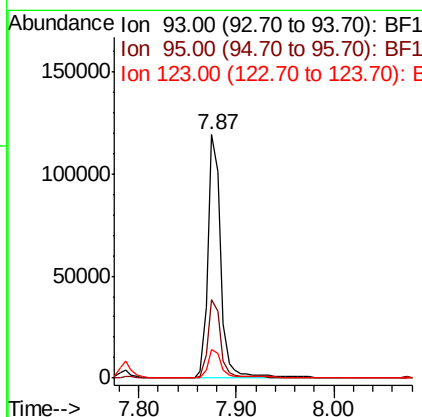
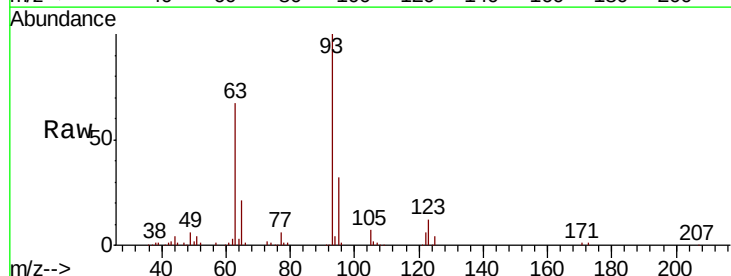
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

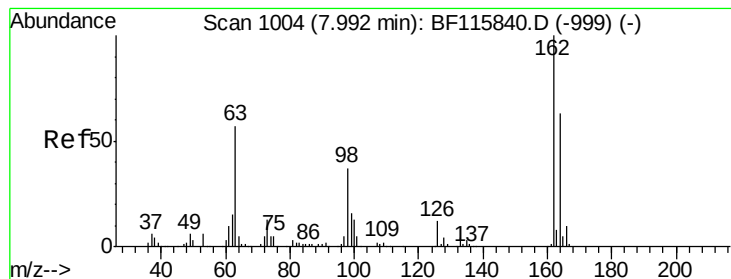
Tot Ion:122 Resp: 78498
Ion Ratio Lower Upper
122 100
107 112.5 91.7 137.5
121 56.0 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.084 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion: 93 Resp: 110590
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 10.281 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

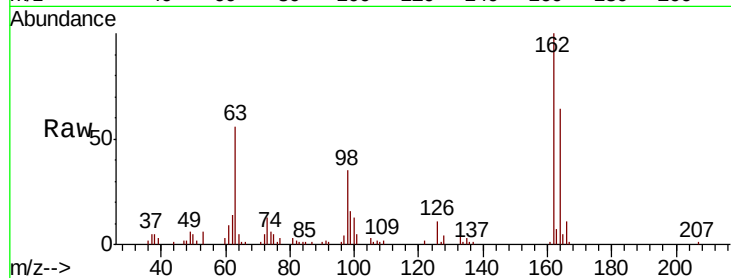
Tot Ion:162 Resp: 76917

Ion Ratio Lower Upper

162 100

164 64.0 43.2 83.2

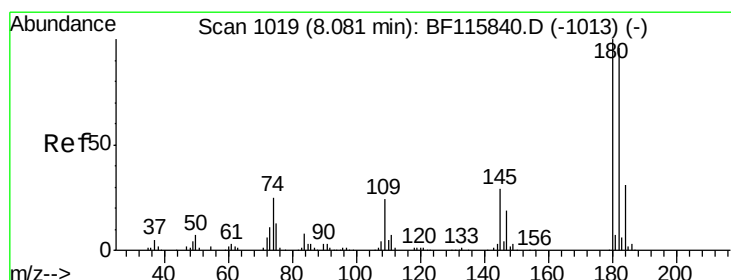
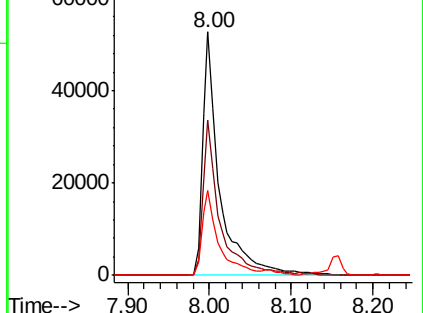
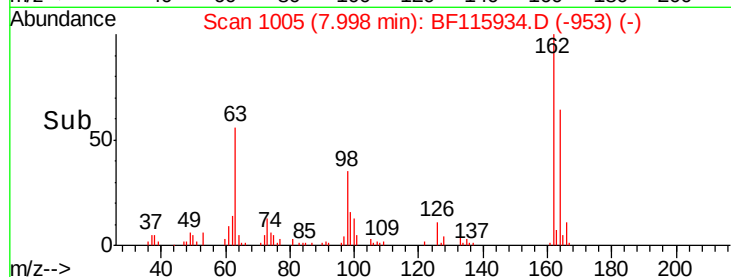
98 34.9 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 9.895 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

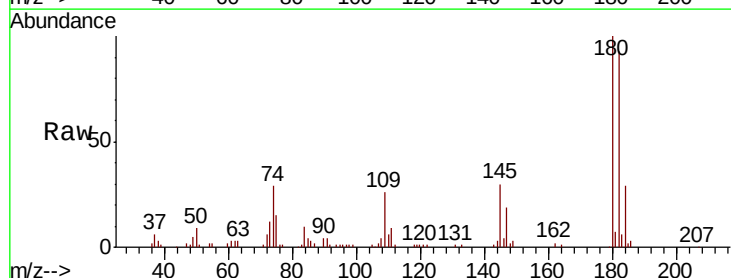
Tgt Ion:180 Resp: 84389

Ion Ratio Lower Upper

180 100

182 93.4 76.6 114.8

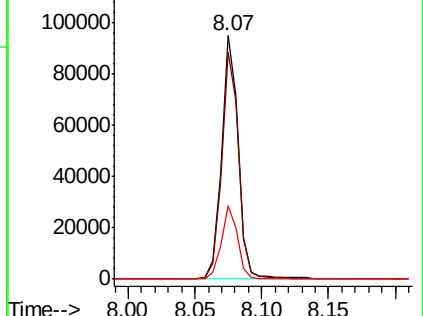
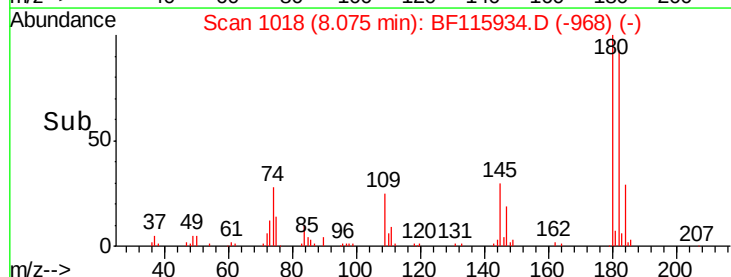
145 30.1 23.2 34.8

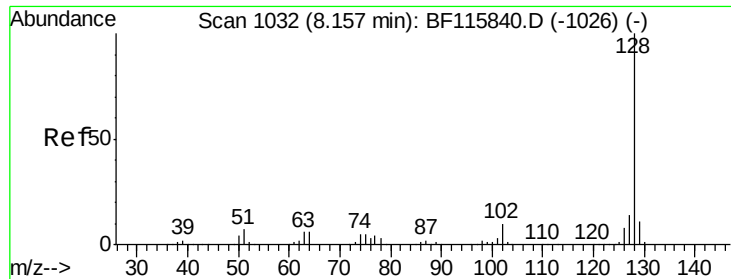


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

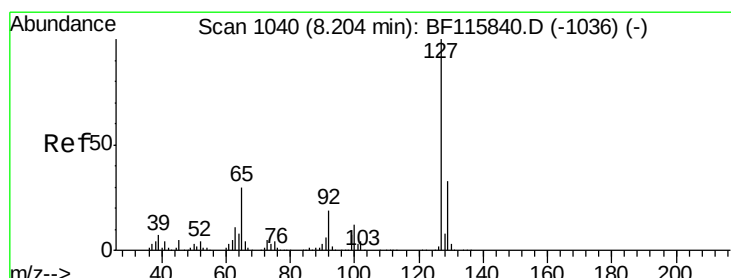
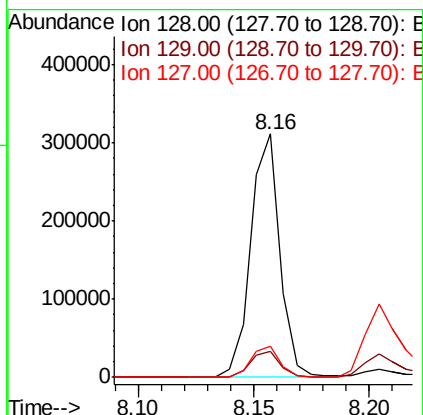
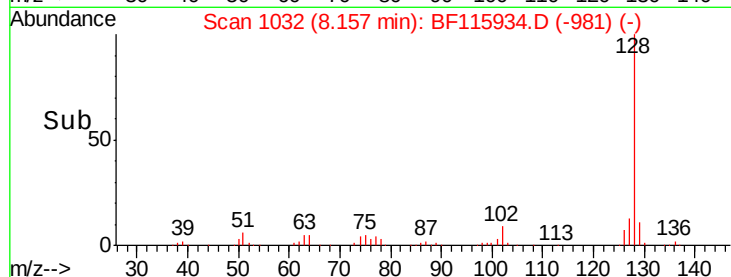
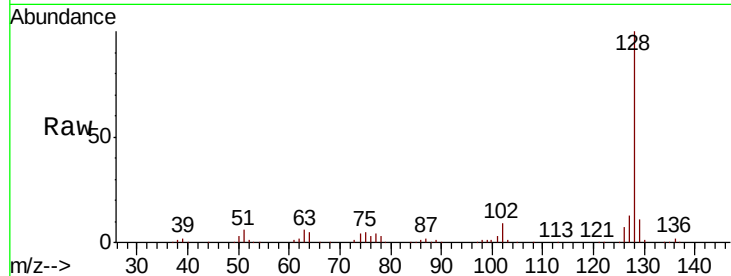




#31
Naphthalene
Concen: 10.982 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

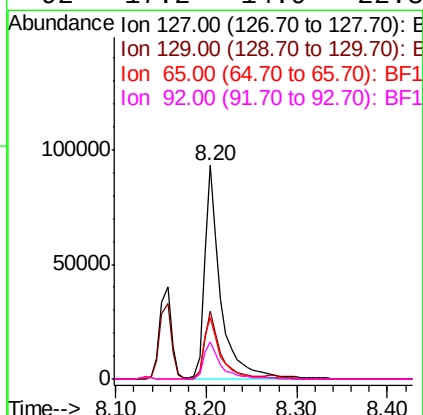
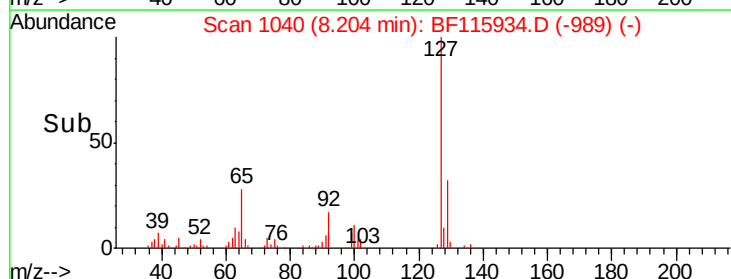
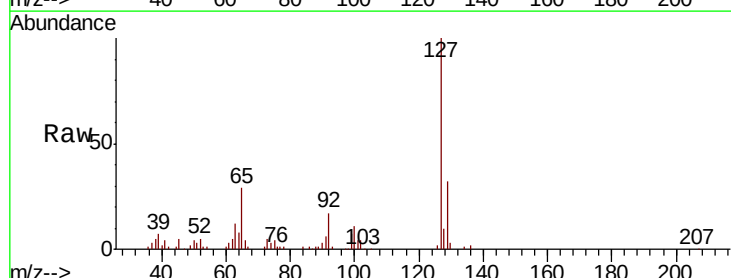
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

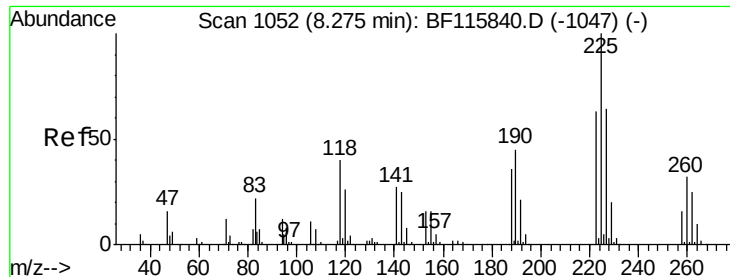
Tot Ion:128 Resp: 276038
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.8 11.0 16.4



#33
4-Chloroaniline
Concen: 10.349 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:127 Resp: 116228
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 29.1 23.9 35.9
92 17.2 14.9 22.3

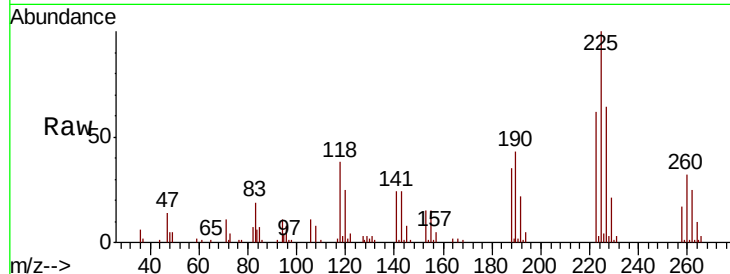




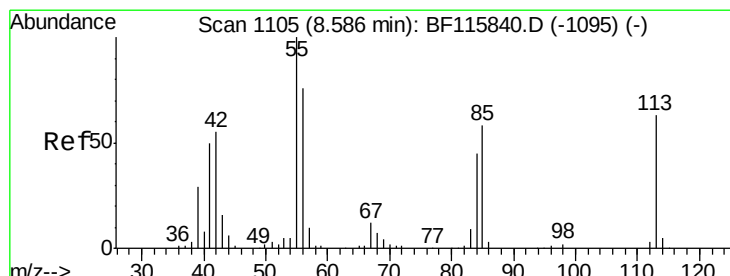
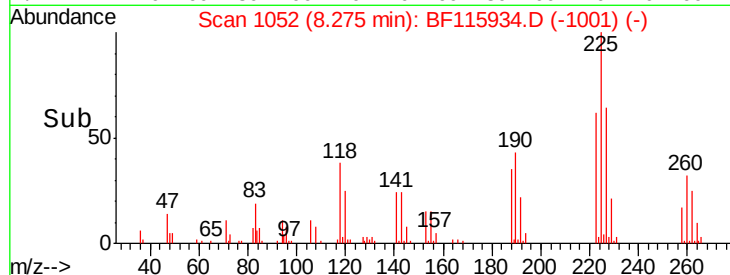
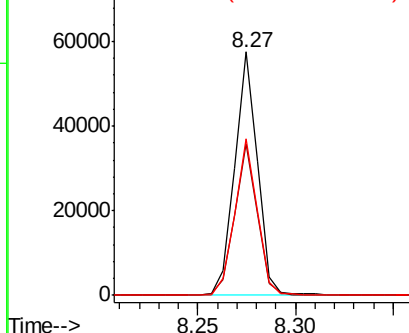
#34
Hexachlorobutadiene
Concen: 9.456 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	64.3	51.6	77.4

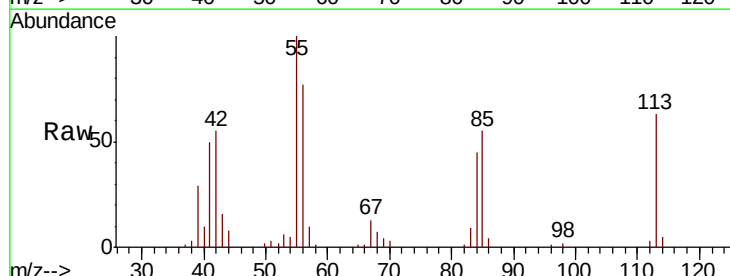


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

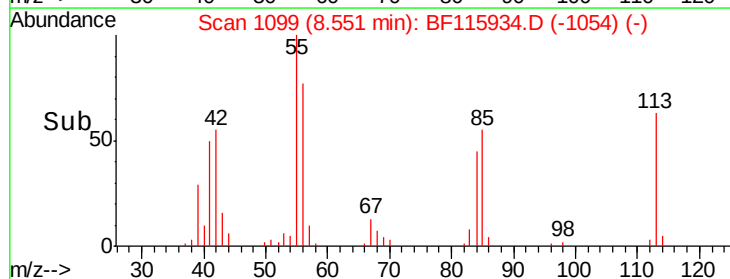
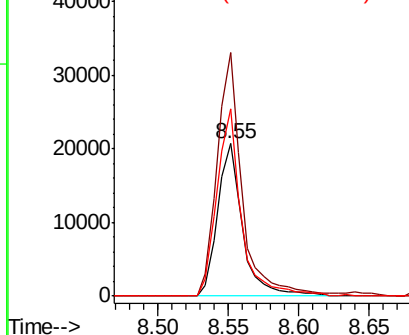


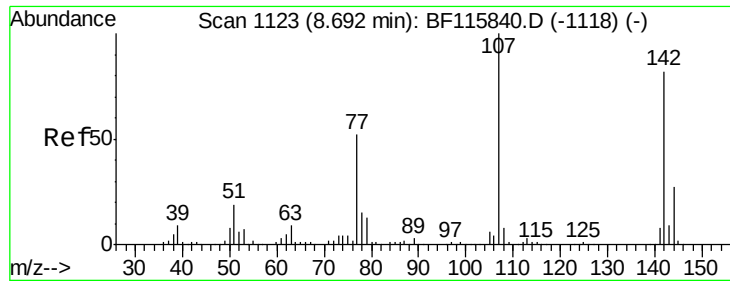
#35
Caprolactam
Concen: 10.547 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.04 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion	Ratio	Lower	Upper
113	100		
55	159.5	138.1	178.1
56	123.1	100.6	140.6



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

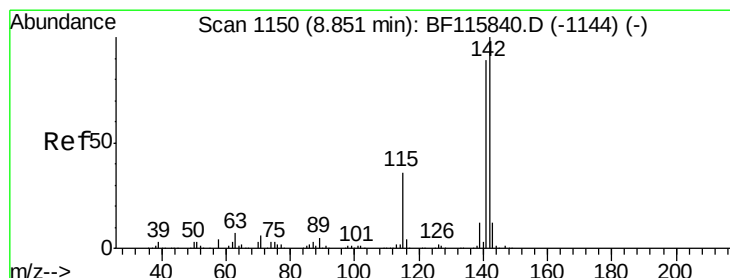
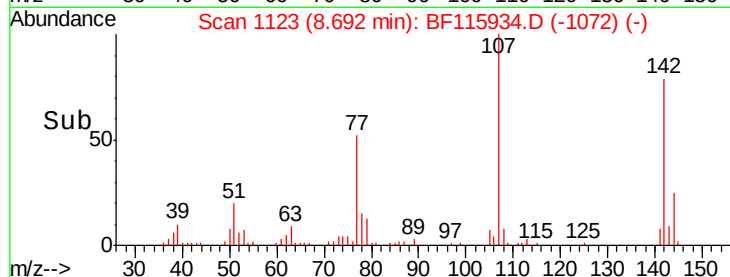
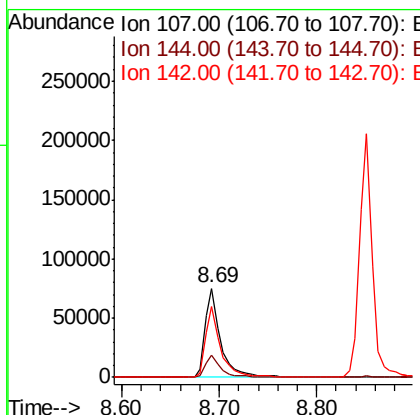
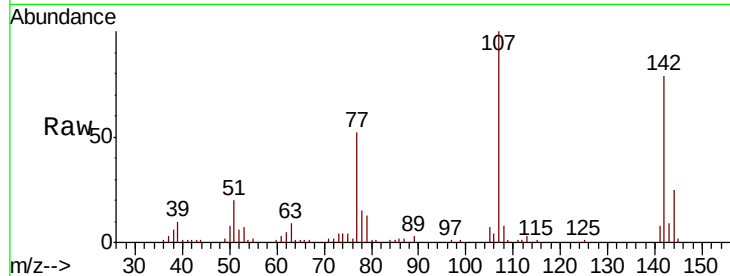




#36
 4-Chloro-3-methylphenol
 Concen: 10.677 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

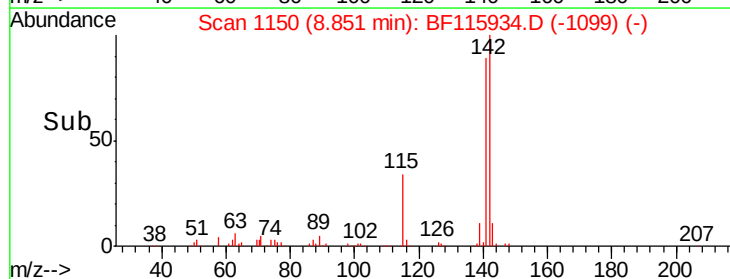
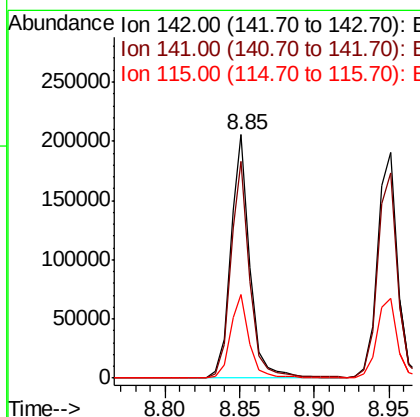
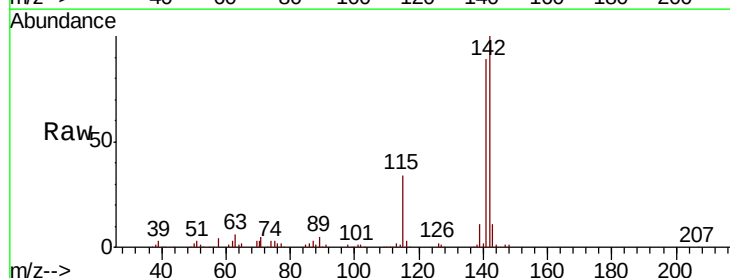
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

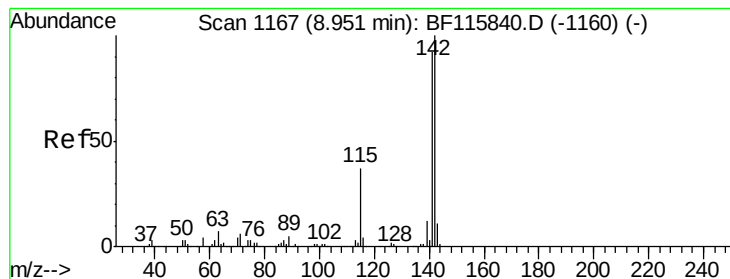
Tot Ion:107 Resp: 83107
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.4 32.0
 142 79.4 65.5 98.3



#37
 2-Methylnaphthalene
 Concen: 11.253 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:142 Resp: 186289
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 34.3 28.9 43.3





#38

1-Methylnaphthalene

Concen: 11.109 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

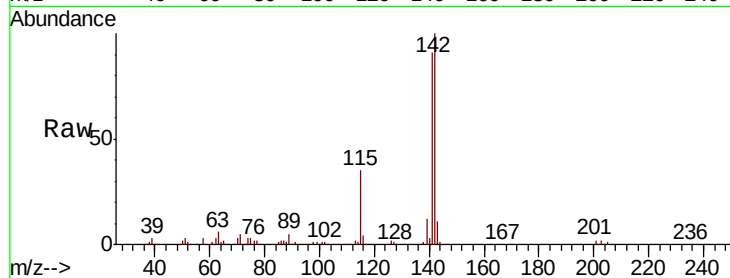
Tot Ion:142 Resp: 173969

Ion Ratio Lower Upper

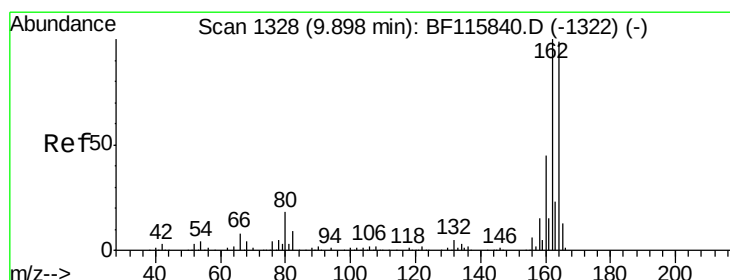
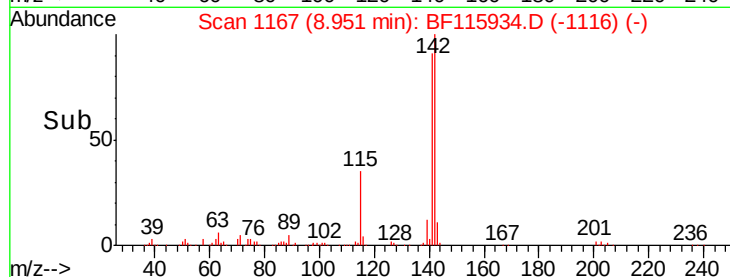
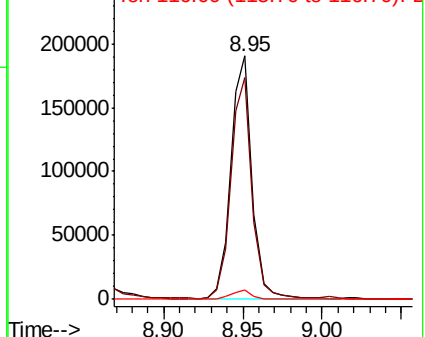
142 100

141 91.1 73.8 110.6

116 3.6 3.1 4.7



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

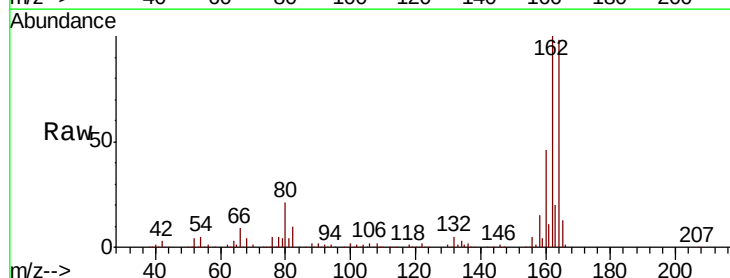
Tgt Ion:164 Resp: 290386

Ion Ratio Lower Upper

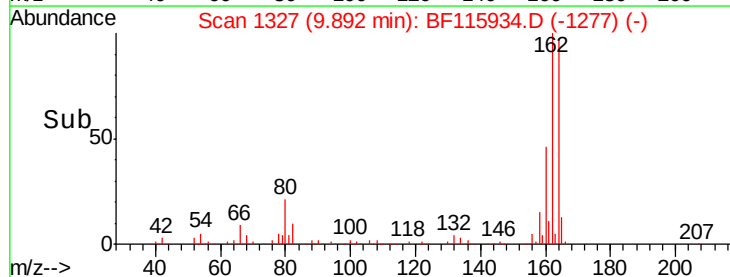
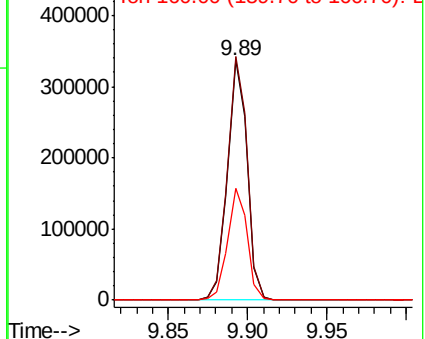
164 100

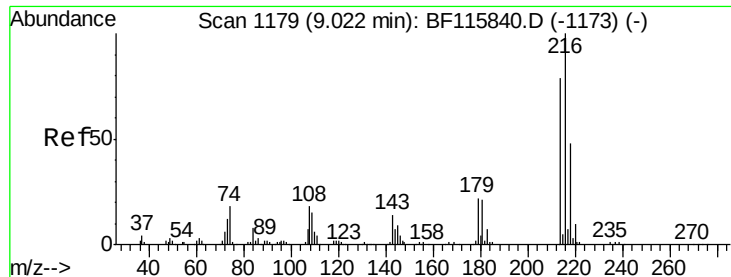
162 101.7 80.8 121.2

160 46.6 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

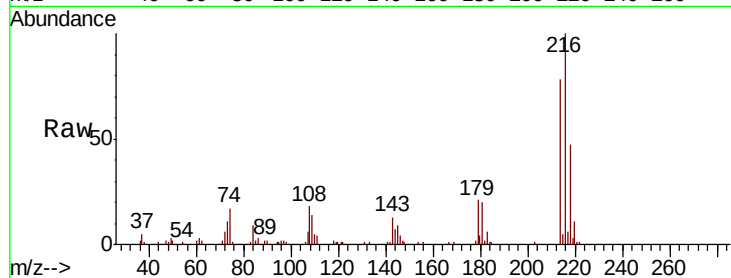




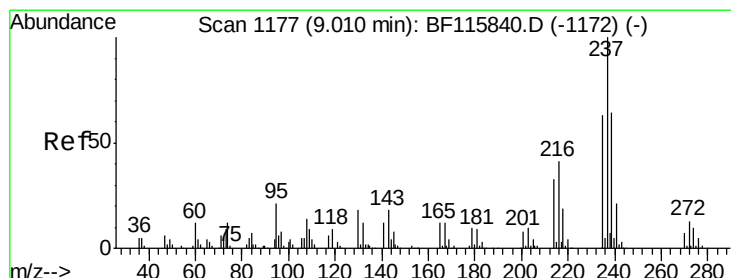
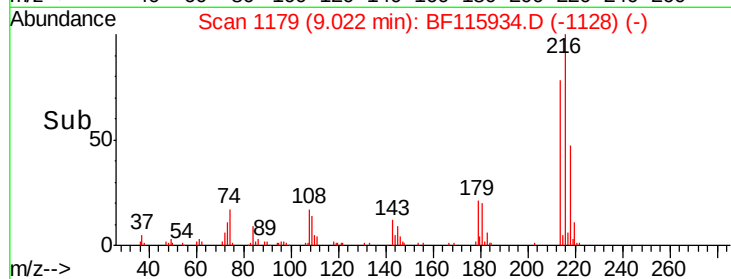
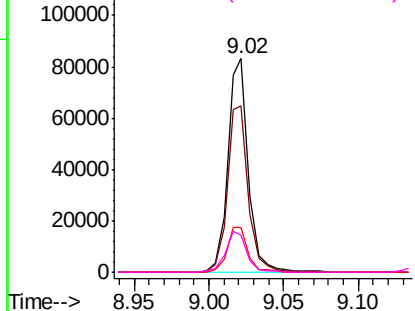
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.409 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:	216	Resp:	80807
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.8	94.2
179	21.3	17.6	26.4
108	19.9	16.1	24.1

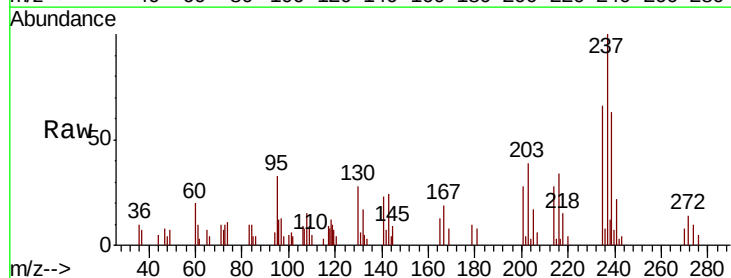


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

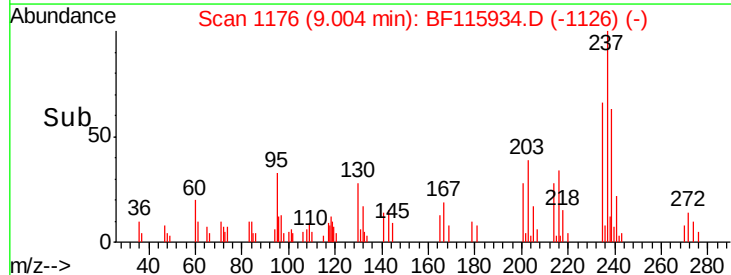
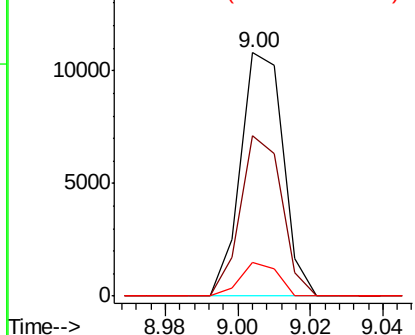


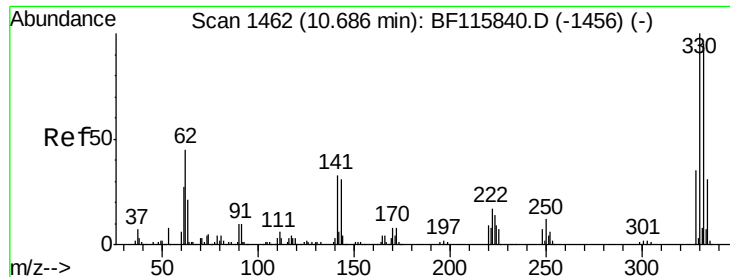
#41
 Hexachlorocyclopentadiene
 Concen: 8.283 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:	237	Resp:	8889
Ion	Ratio	Lower	Upper
237	100		
235	65.9	42.5	82.5
272	14.0	0.0	33.3



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

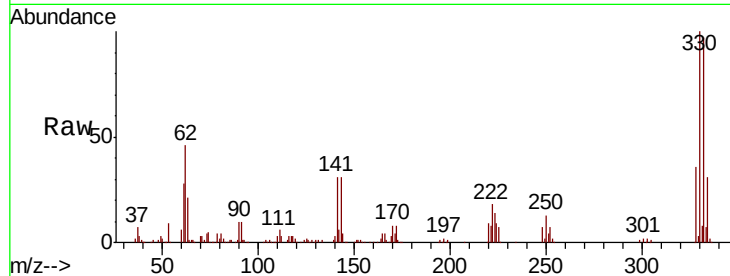




#42
 2,4,6-Tribromophenol
 Concen: 119.362 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	32.8	28.1	42.1

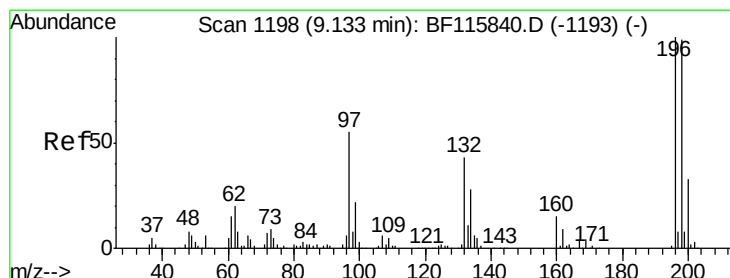
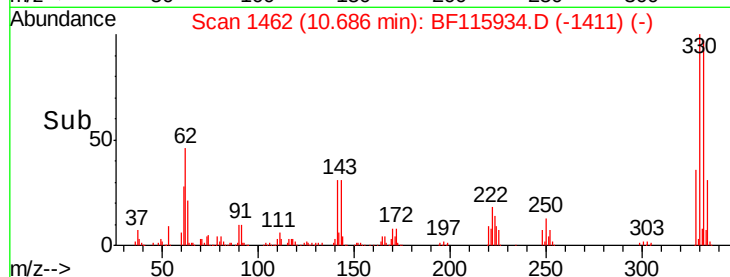
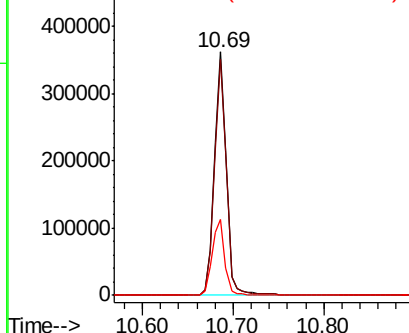


Abundance

Ion 329.80 (329.50 to 330.50): E

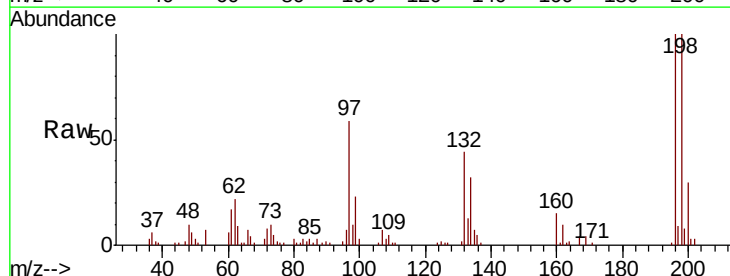
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 9.275 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	79.1	118.7
200	29.9	26.0	39.0

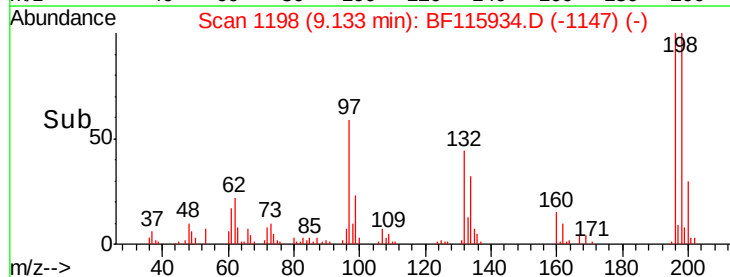
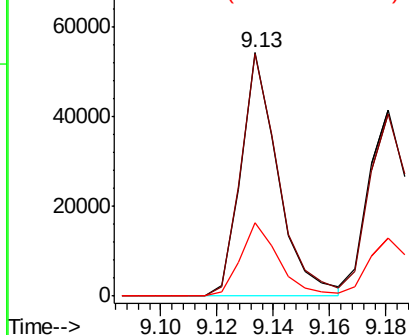


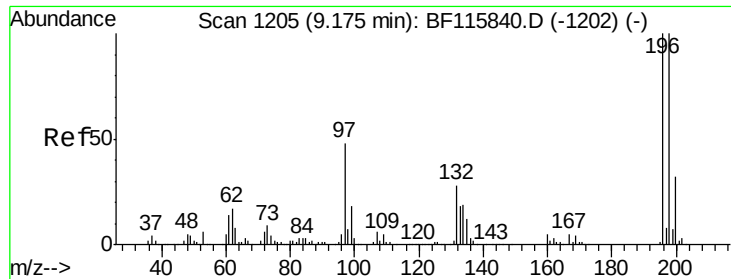
Abundance

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

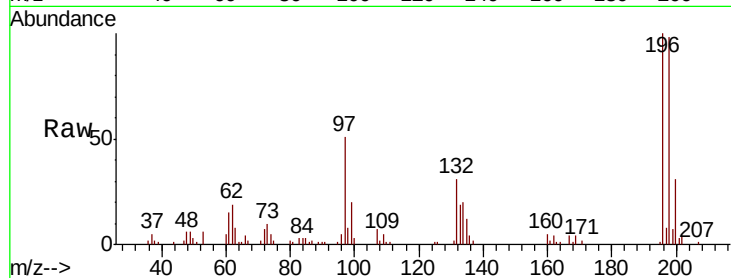




#44
 2,4,5-Trichlorophenol
 Concen: 9.636 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:	196	Resp:	53225
Ion	Ratio	Lower	Upper
196	100		
198	97.7	80.1	120.1
97	51.3	38.9	58.3
132	30.8	22.6	33.8



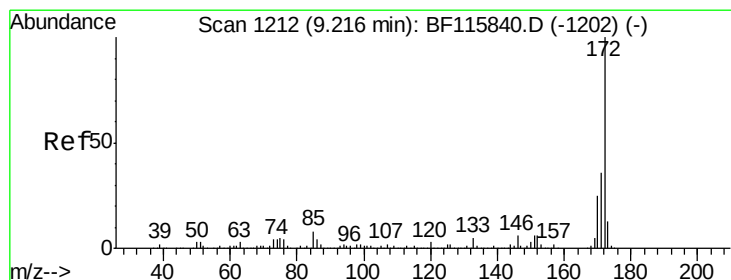
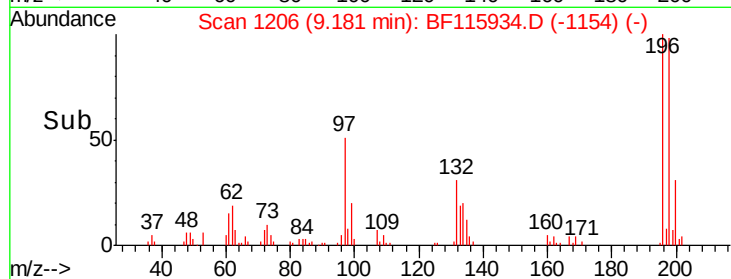
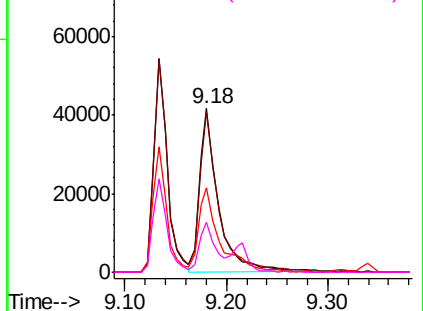
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

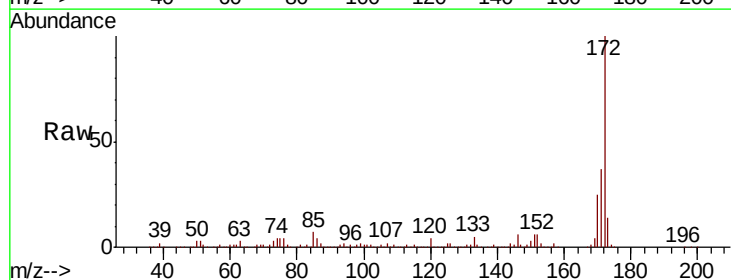
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.471 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:	172	Resp:	1278568
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.1	43.7
170	25.0	20.1	30.1

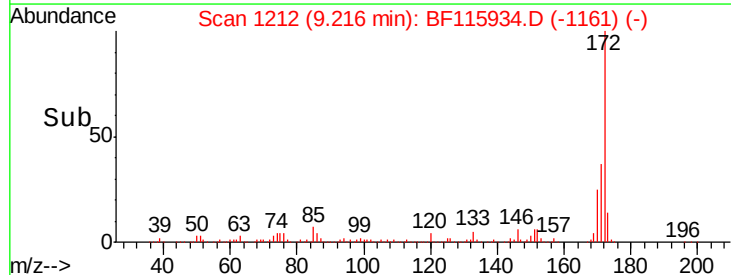
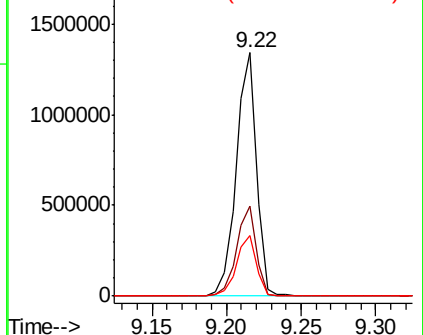


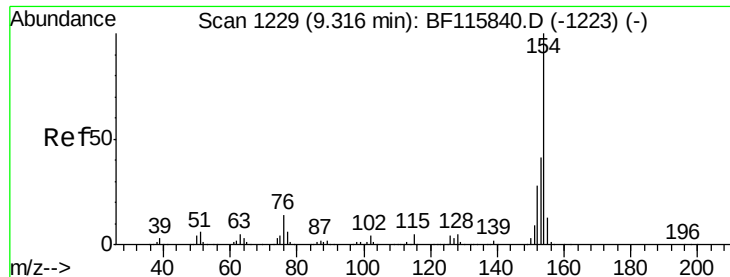
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

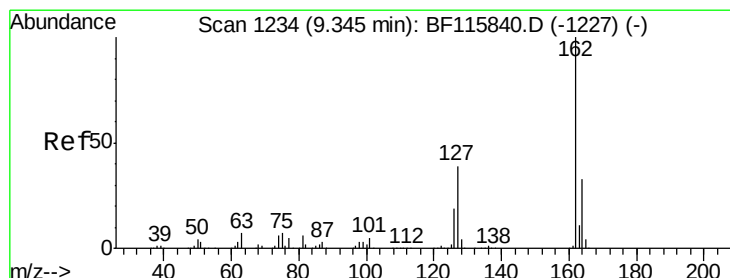
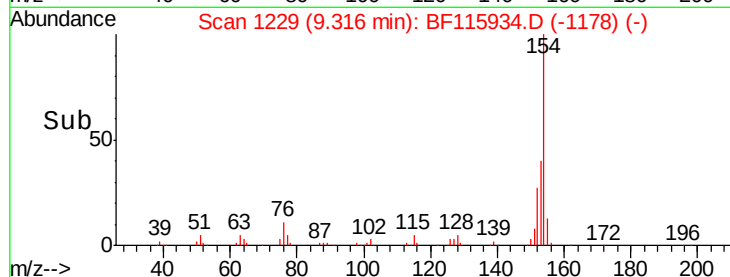
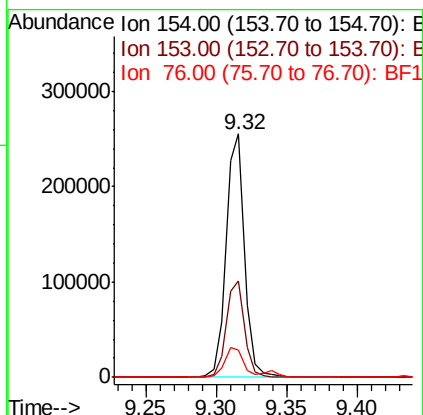
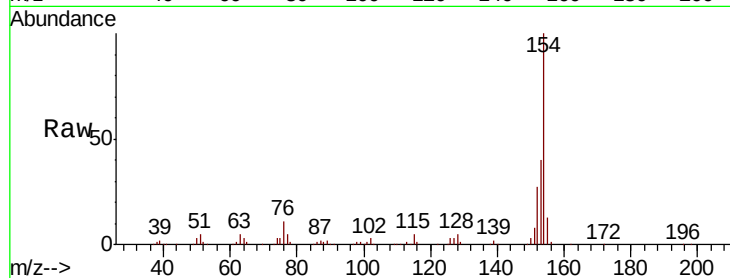




#46
 1,1'-Biphenyl
 Concen: 11.212 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

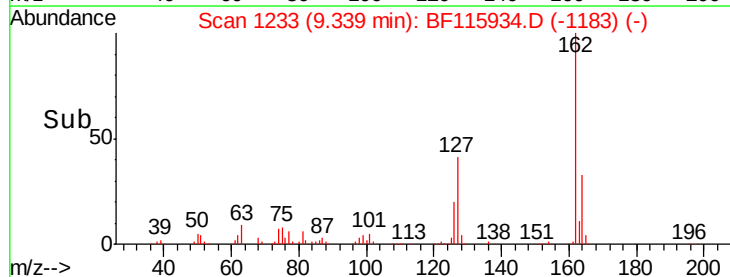
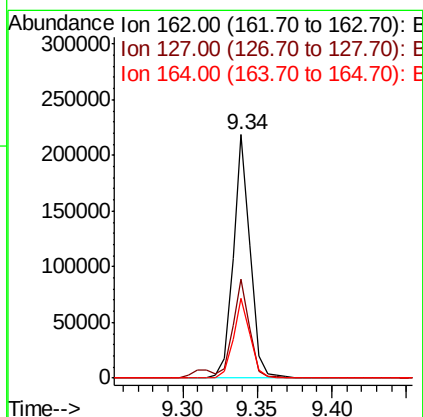
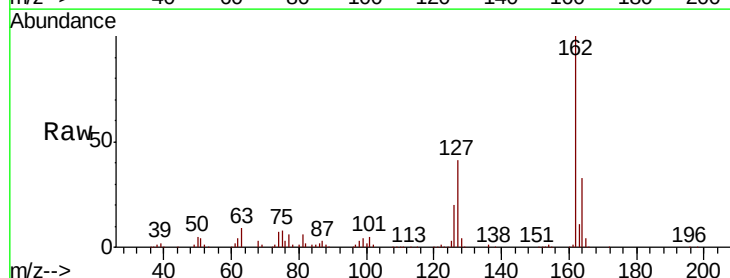
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

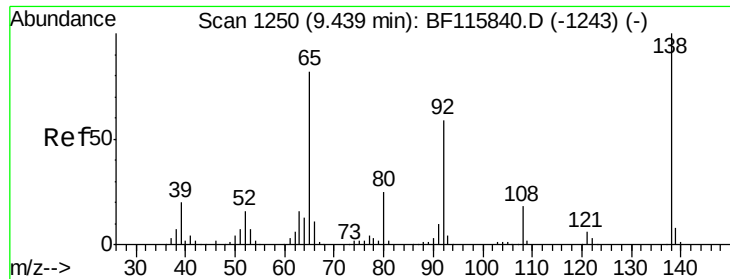
Tot Ion:	154	Resp:	229854
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.9	60.9
76	11.4	0.0	34.3



#47
 2-Chloronaphthalene
 Concen: 10.240 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:	162	Resp:	174733
Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.3	46.9
164	32.9	26.6	40.0

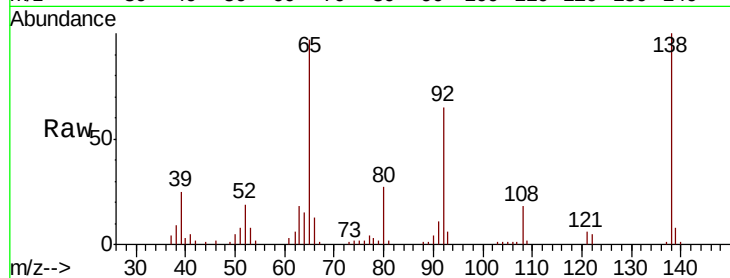




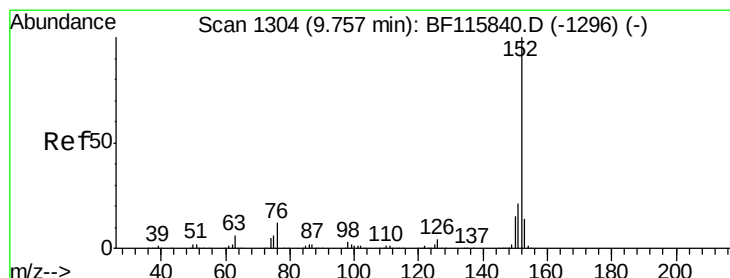
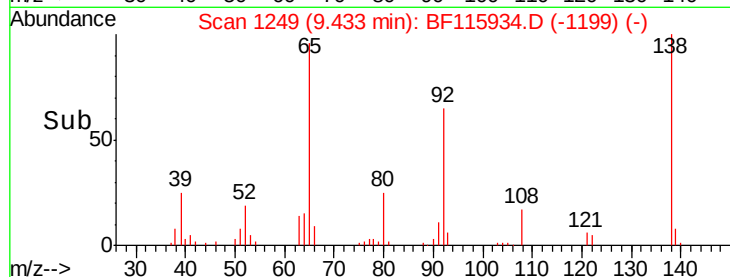
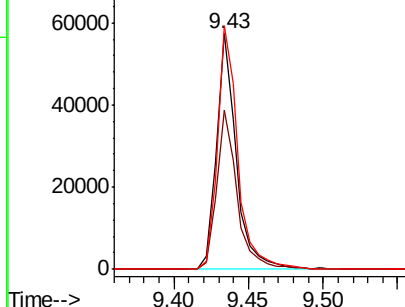
#48
 2-Nitroaniline
 Concen: 9.427 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion: 65 Resp: 53169
 Ion Ratio Lower Upper
 65 100
 92 67.4 57.1 85.7
 138 103.4 97.1 145.7

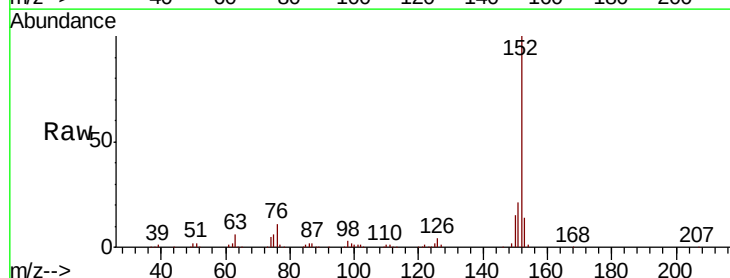


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

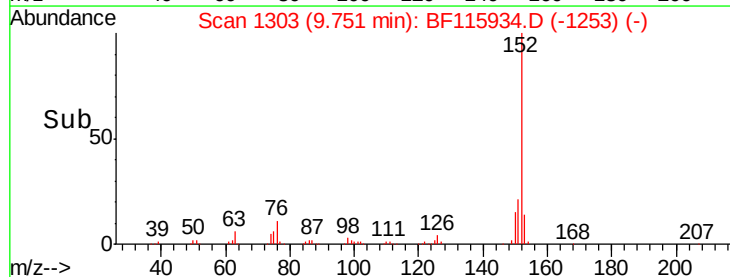
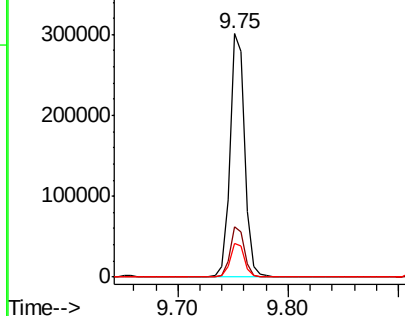


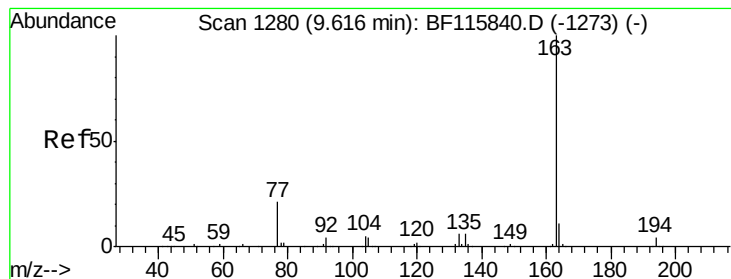
#49
 Acenaphthylene
 Concen: 11.296 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion: 152 Resp: 281193
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.8 11.6 17.4



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: 10.270 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

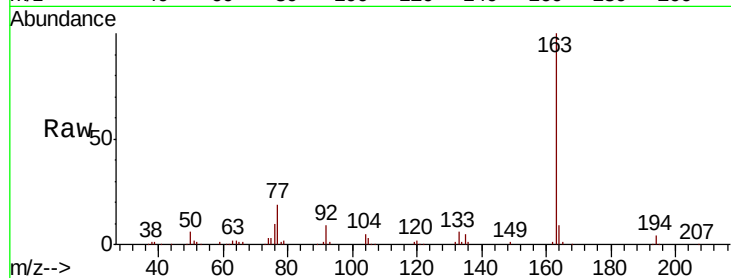
Tot Ion:163 Resp: 203052

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

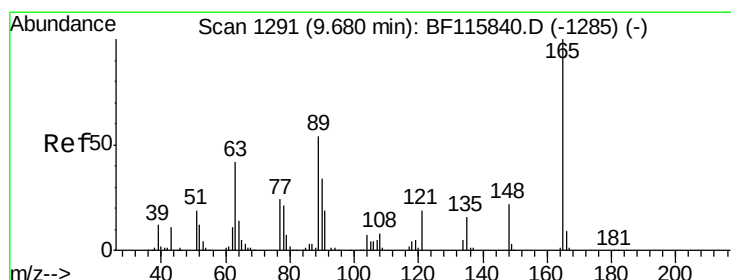
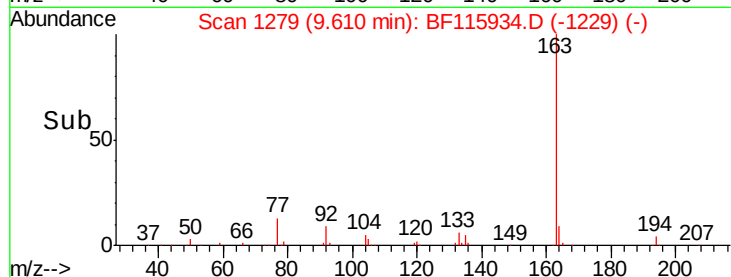
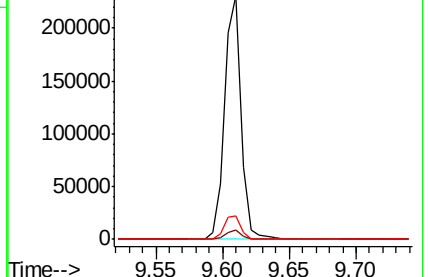
164 9.4 8.4 12.6



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: 10.156 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

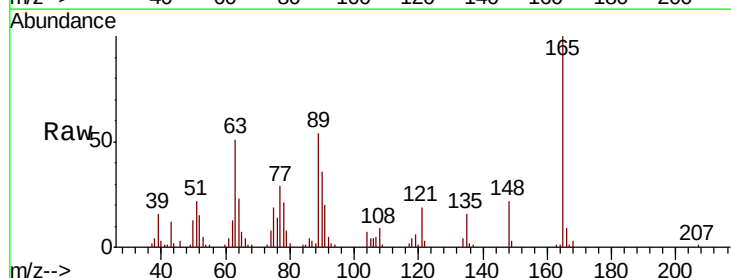
Tgt Ion:165 Resp: 43637

Ion Ratio Lower Upper

165 100

63 51.4 39.4 59.2

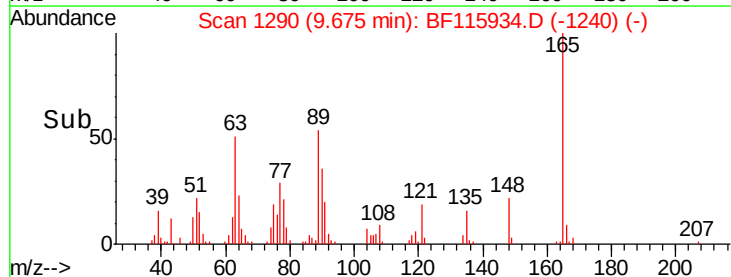
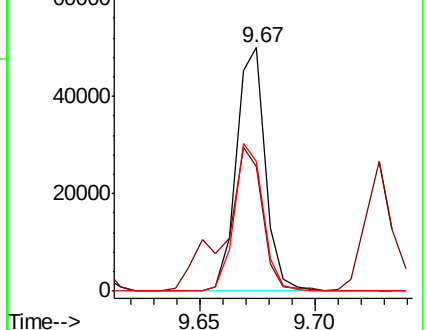
89 53.5 43.0 64.6

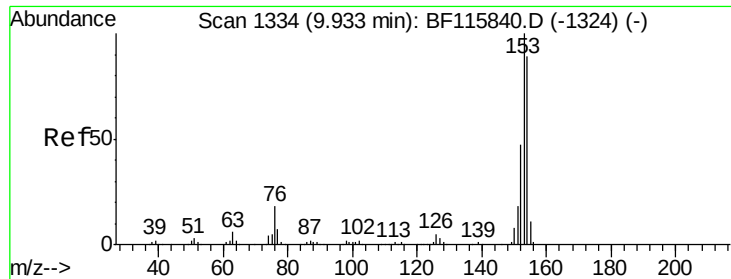


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 11.155 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

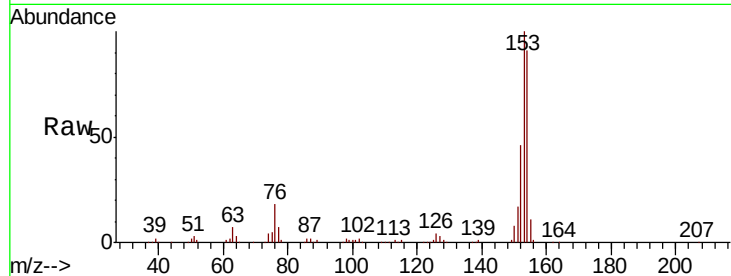
Tot Ion:154 Resp: 170349

Ion Ratio Lower Upper

154 100

153 109.6 90.1 135.1

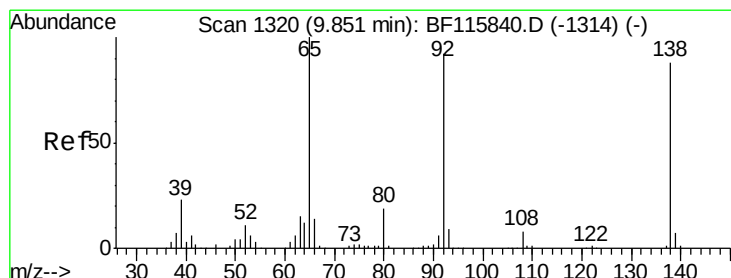
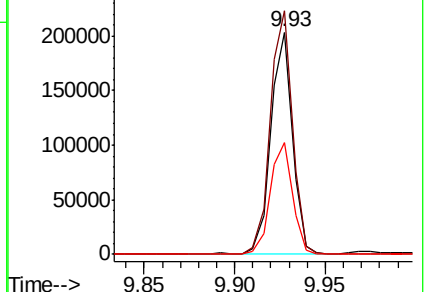
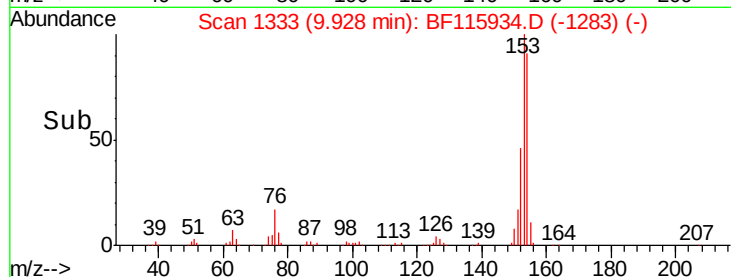
152 50.6 42.6 63.8



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: 9.369 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

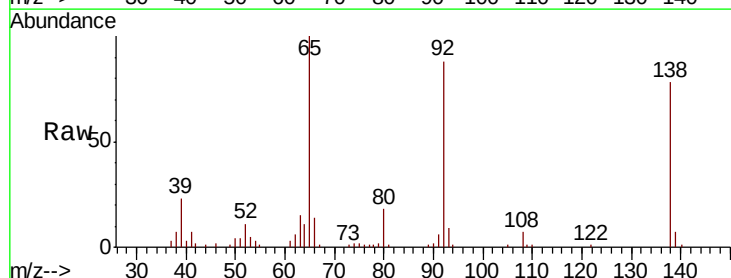
Tgt Ion:138 Resp: 49744

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.2

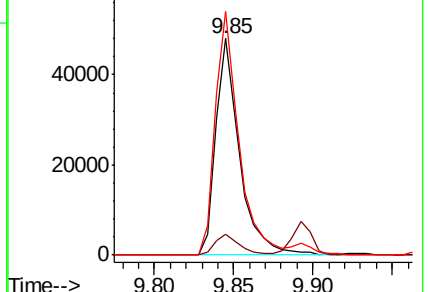
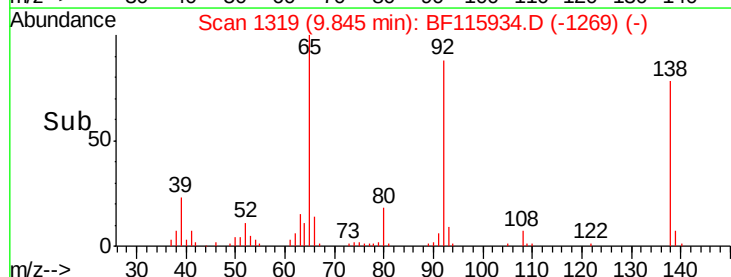
92 112.6 83.9 125.9

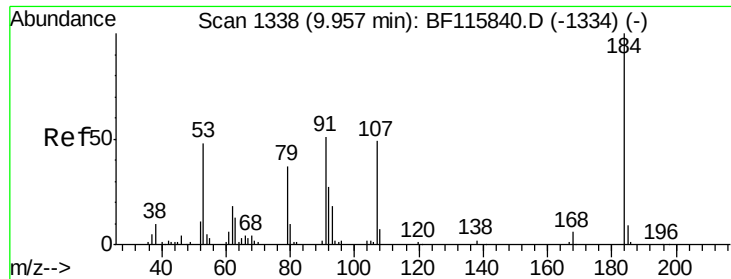


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

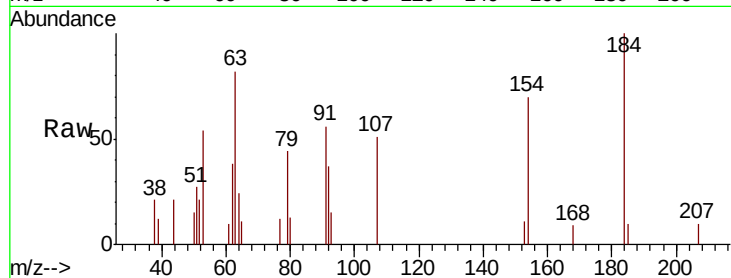




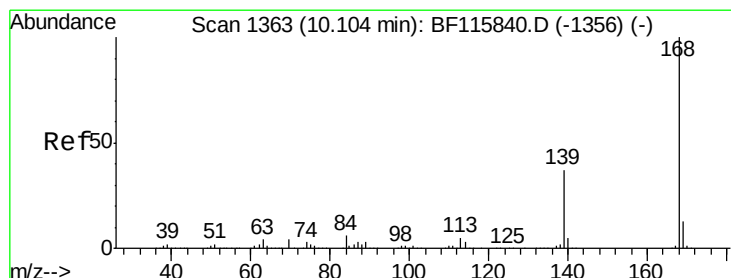
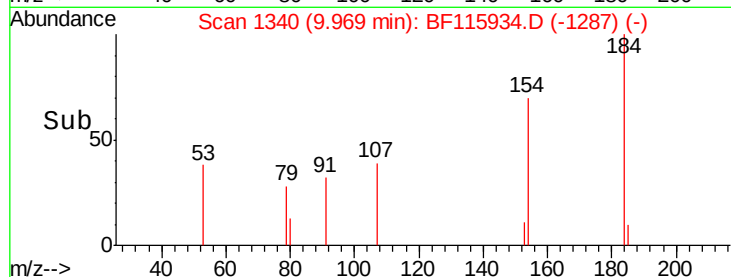
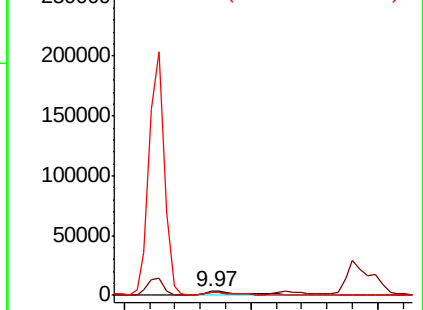
#54
 2,4-Dinitrophenol
 Concen: 11.007 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:184 Resp: 7737
 Ion Ratio Lower Upper
 184 100
 63 82.4 56.7 85.1
 154 70.5 51.9 77.9

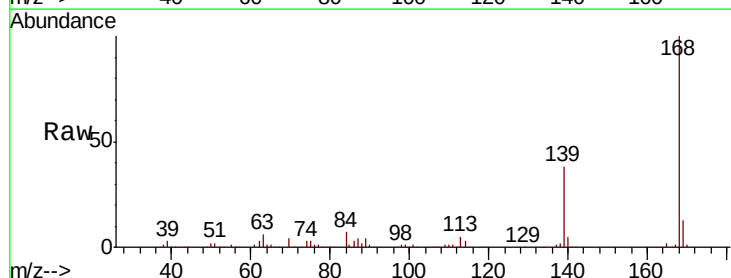


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

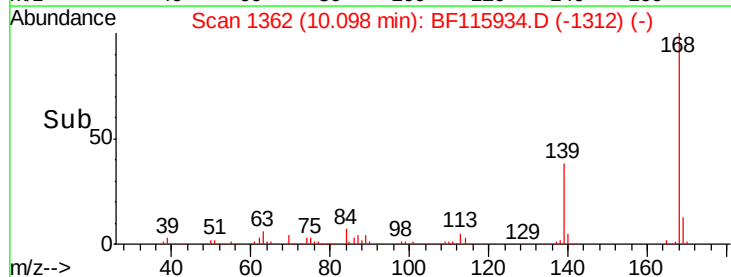
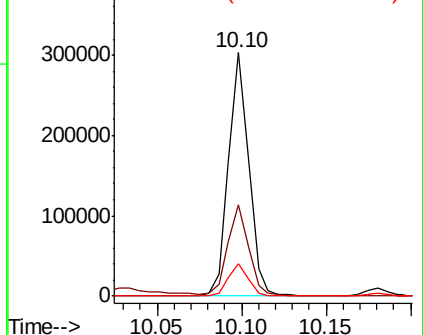


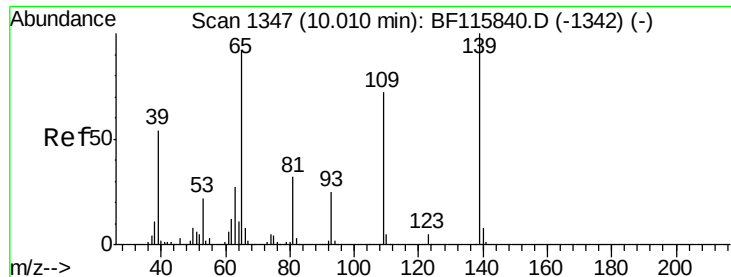
#55
 Dibenzofuran
 Concen: 11.418 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:168 Resp: 253574
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.2 45.2
 169 13.1 10.8 16.2



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

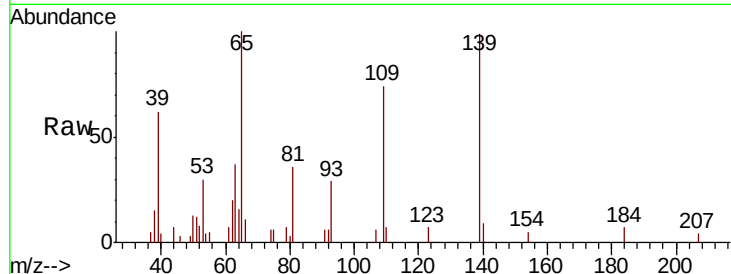




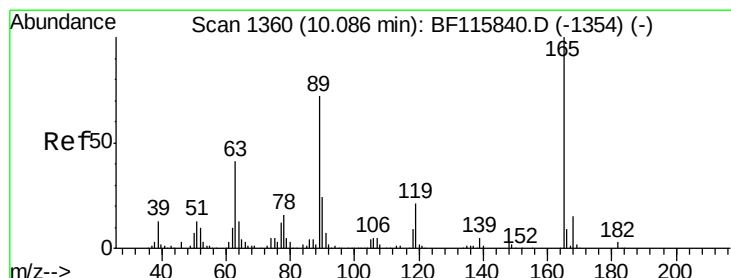
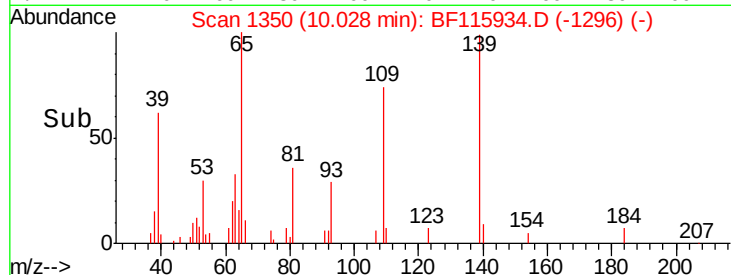
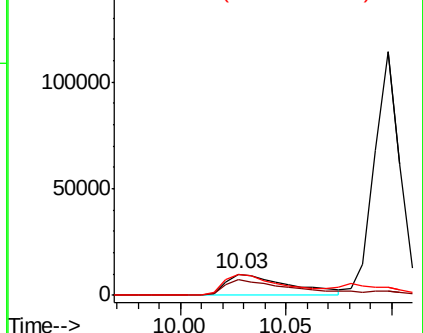
#56
4-Nitrophenol
Concen: 6.021 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:139 Resp: 20478
Ion Ratio Lower Upper
139 100
109 74.8 52.0 92.0
65 101.0 72.6 112.6

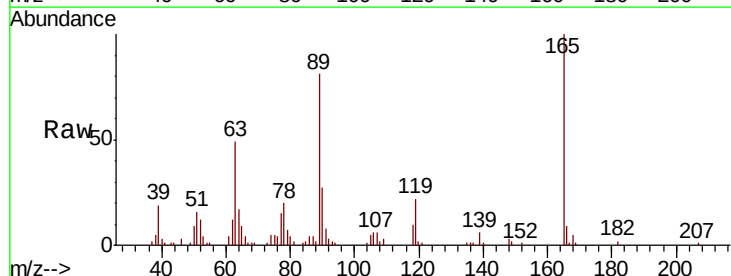


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

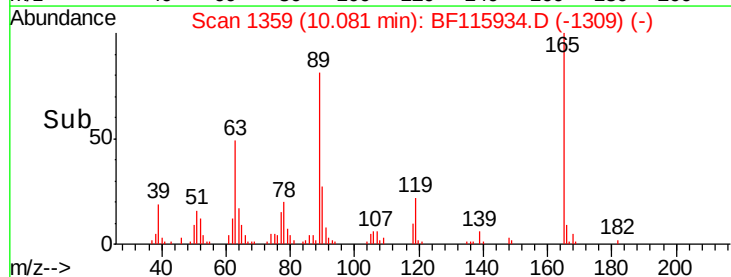
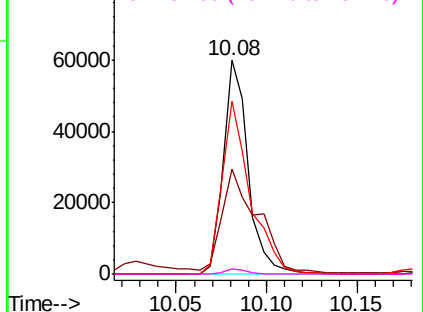


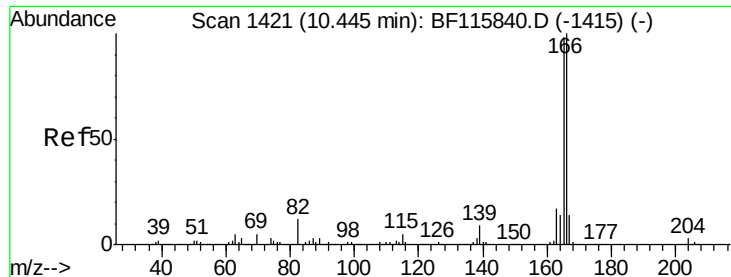
#57
2,4-Dinitrotoluene
Concen: 9.958 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:165 Resp: 56968
Ion Ratio Lower Upper
165 100
63 49.4 33.2 49.8
89 80.6 57.3 85.9
182 2.3 2.1 3.1



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

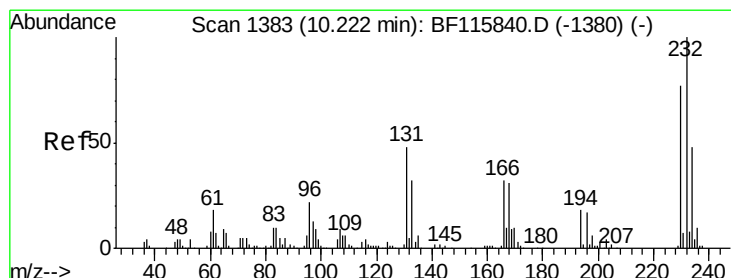
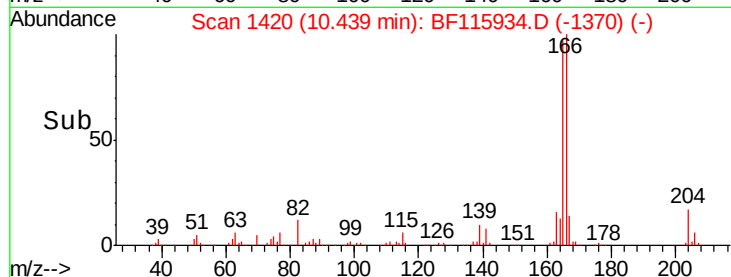
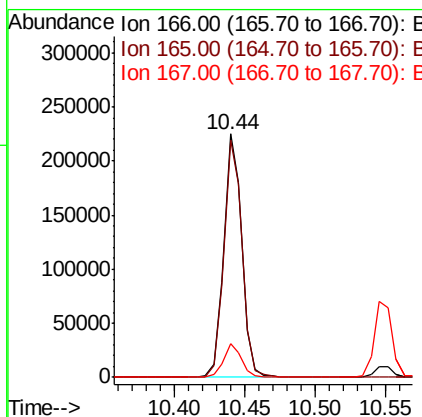
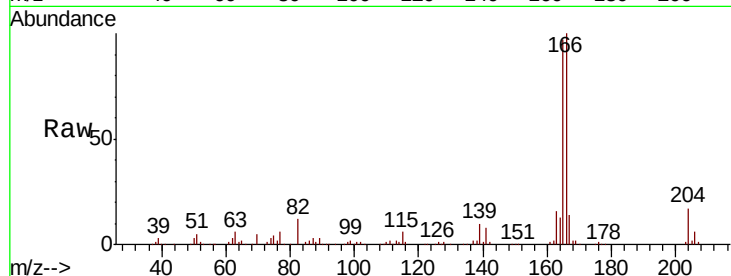




#58
 Fluorene
 Concen: 11.613 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

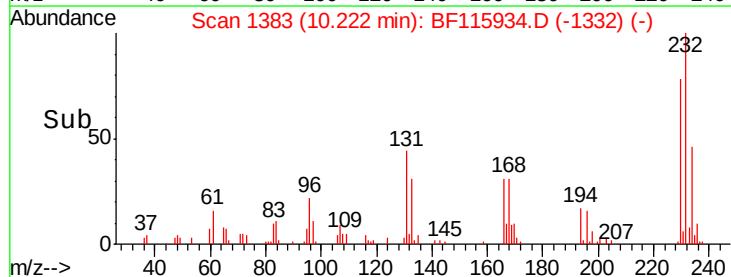
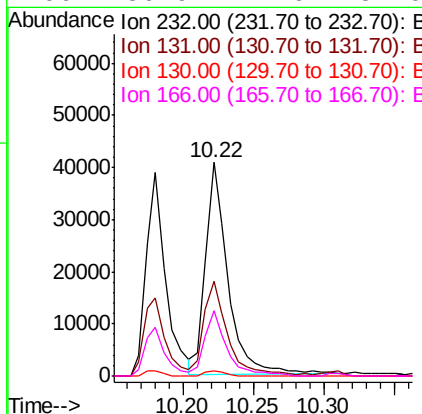
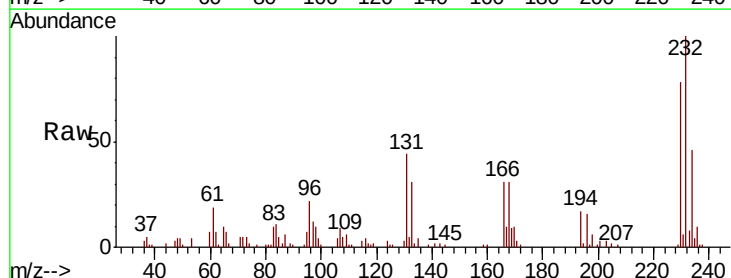
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

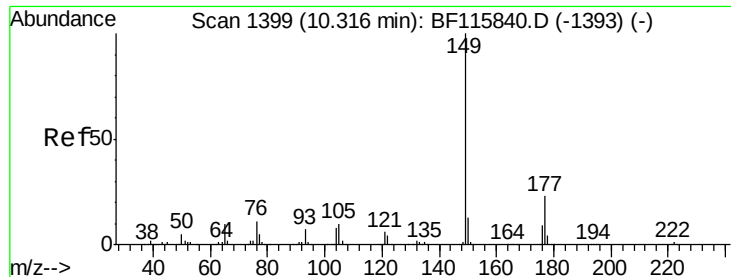
Tot Ion:166 Resp: 198425
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.6 118.0
 167 13.9 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.699 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:232 Resp: 45073
 Ion Ratio Lower Upper
 232 100
 131 48.3 37.6 56.4
 130 2.2 1.8 2.8
 166 30.9 24.6 37.0

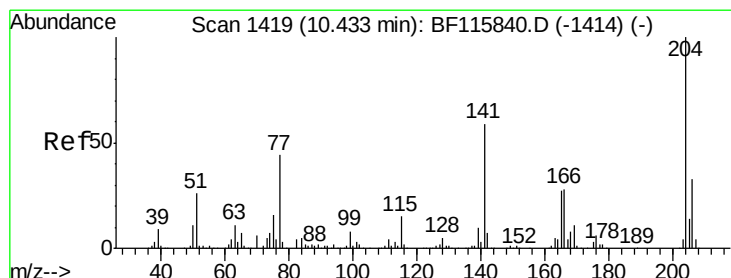
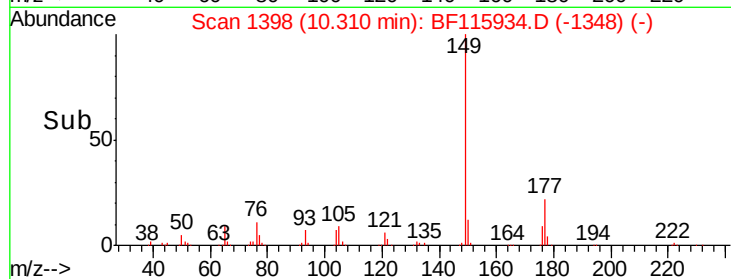
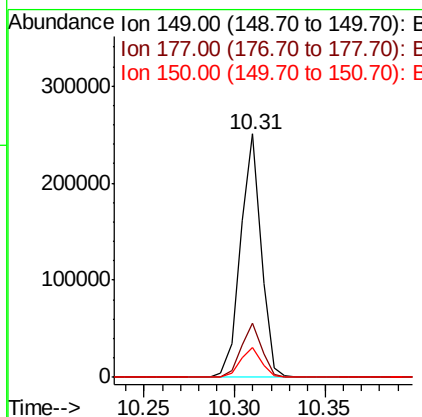
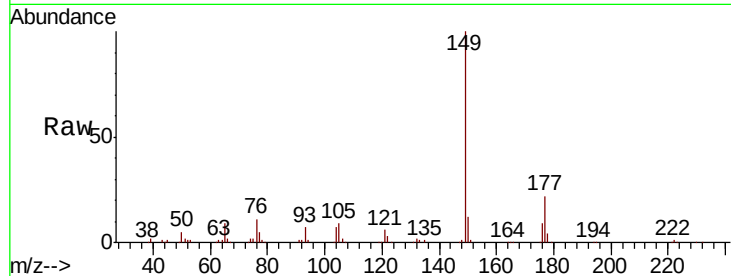




#60
Diethylphthalate
Concen: 10.727 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

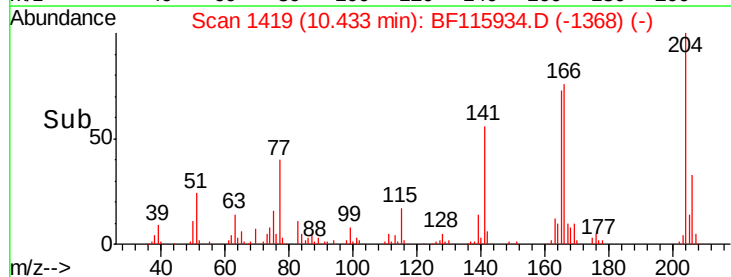
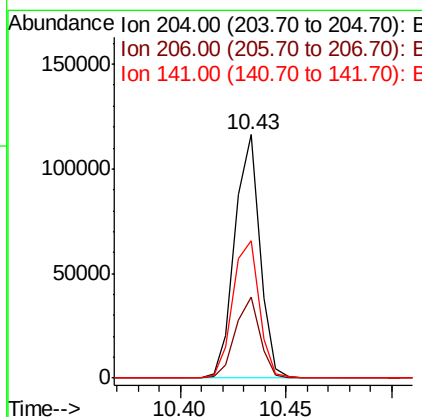
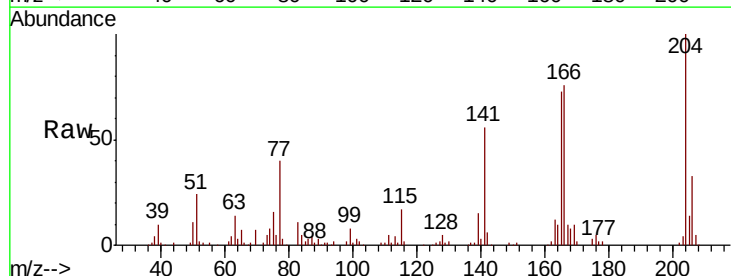
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

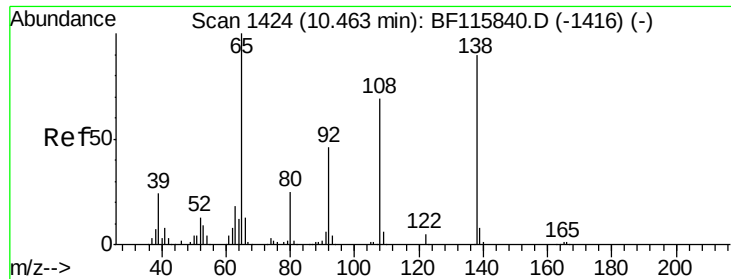
Tot Ion:149 Resp: 198015
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.5 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 11.029 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:204 Resp: 95441
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 56.2 47.0 70.4





#62

4-Nitroaniline

Concen: 9.703 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

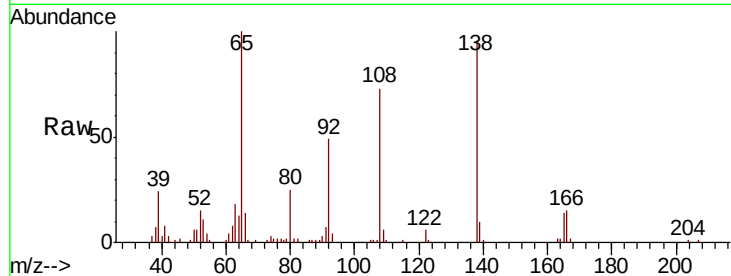
Tot Ion:138 Resp: 53238

Ion Ratio Lower Upper

138 100

92 50.7 31.0 71.0

108 76.4 56.7 96.7

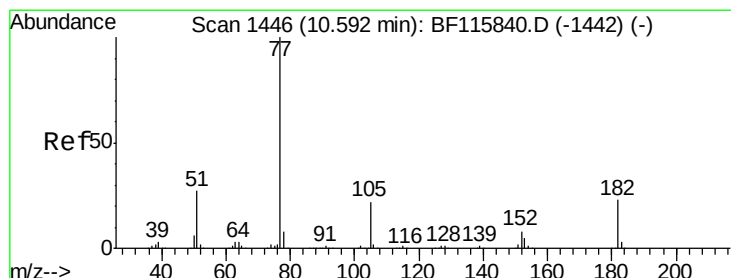
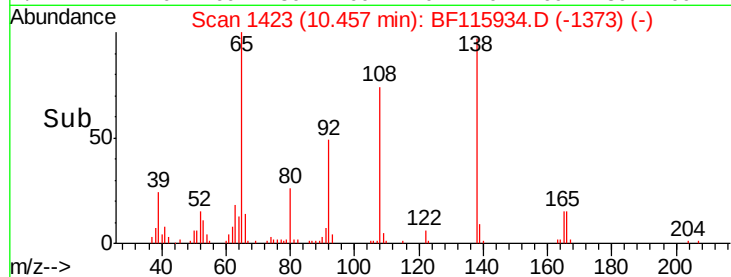
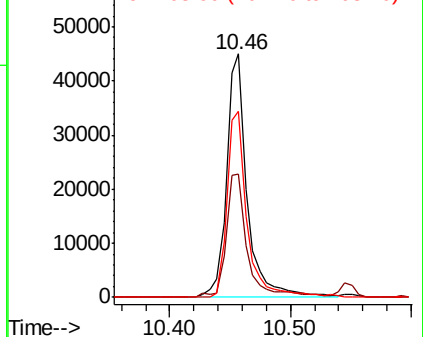


Abundance

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: 11.236 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Tgt Ion: 77 Resp: 213332

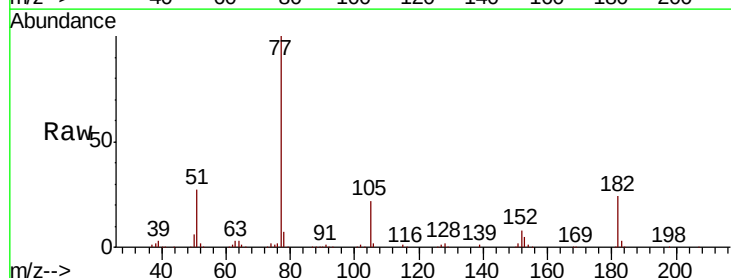
Ion Ratio Lower Upper

77 100

182 24.0 2.6 42.6

105 21.5 1.6 41.6

51 27.0 7.4 47.4



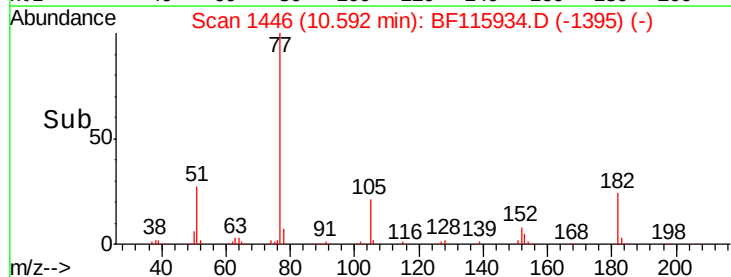
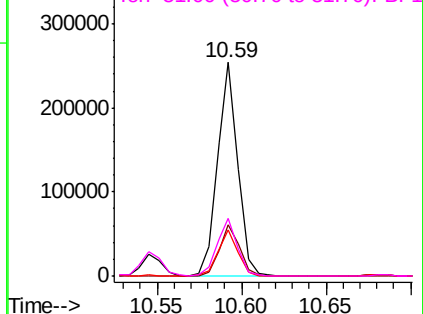
Abundance

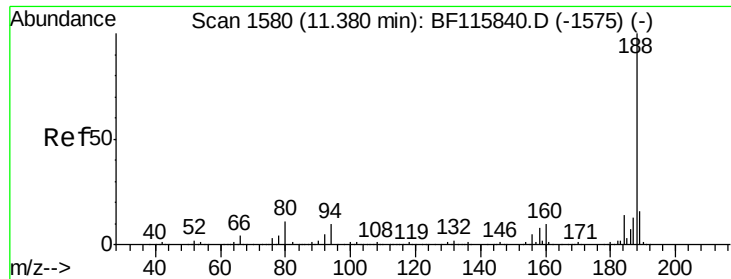
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

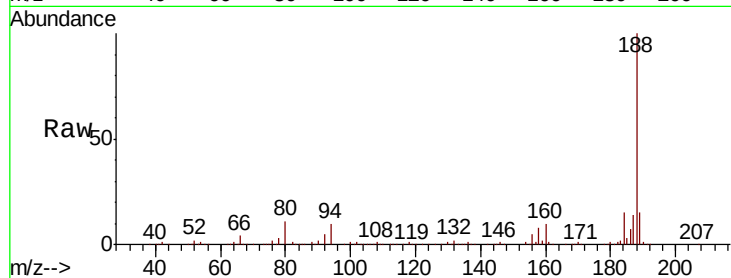




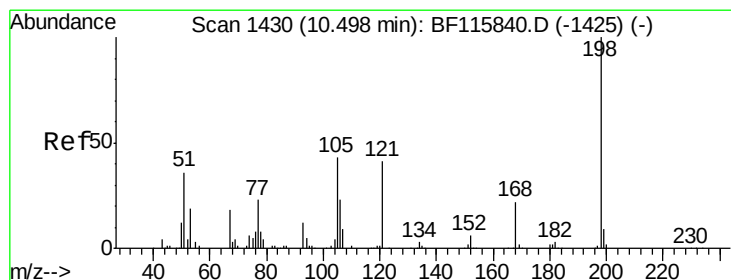
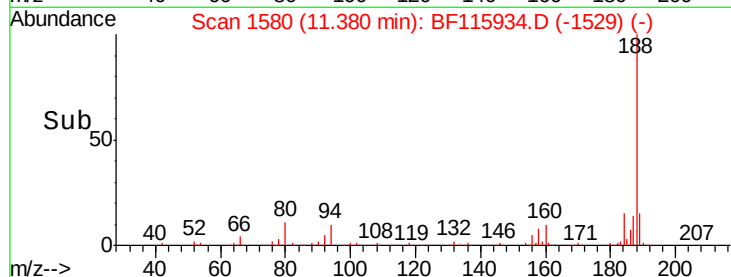
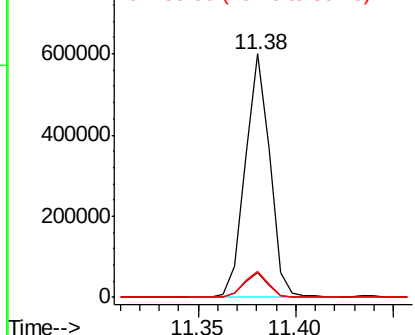
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:188 Resp: 523168
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 10.8 8.6 12.8

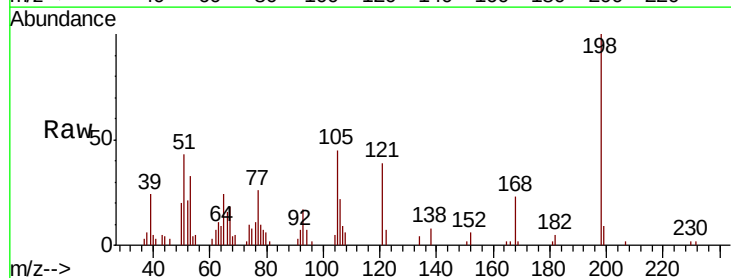


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

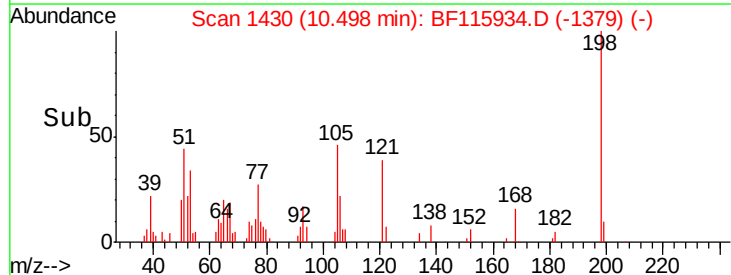
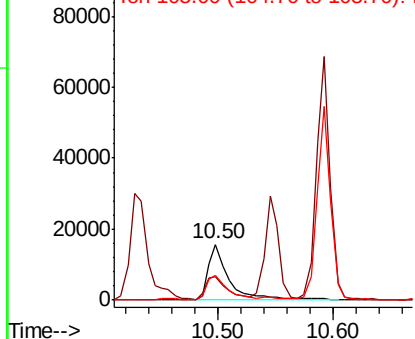


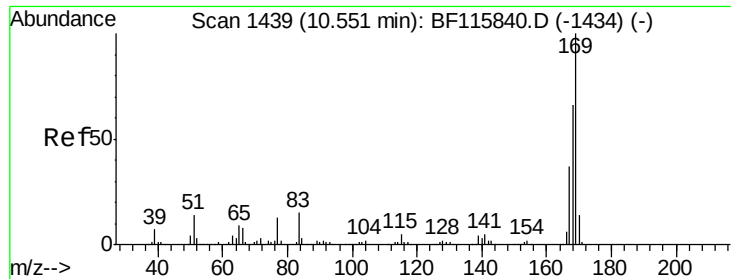
#65
4,6-Dinitro-2-methylphenol
Concen: 7.082 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:198 Resp: 19634
Ion Ratio Lower Upper
198 100
51 43.1 21.1 61.1
105 45.1 24.5 64.5



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

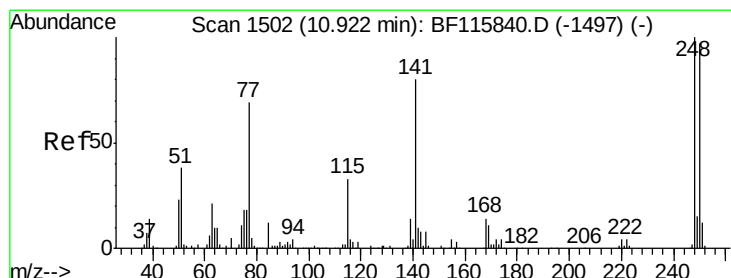
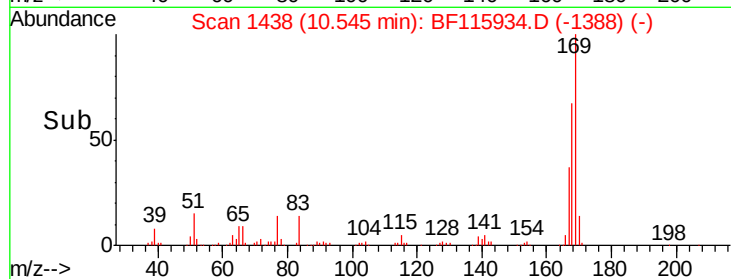
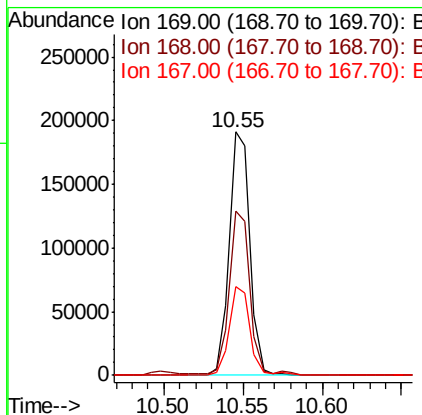
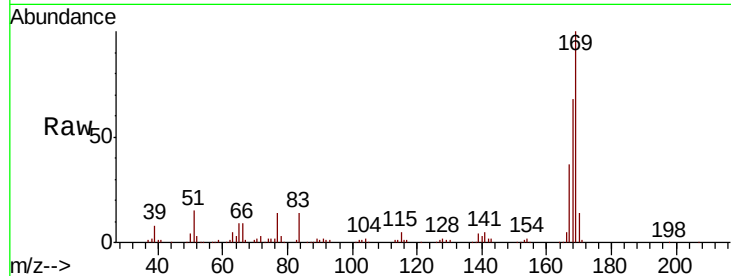




#66
 n-Nitrosodiphenylamine
 Concen: 10.950 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

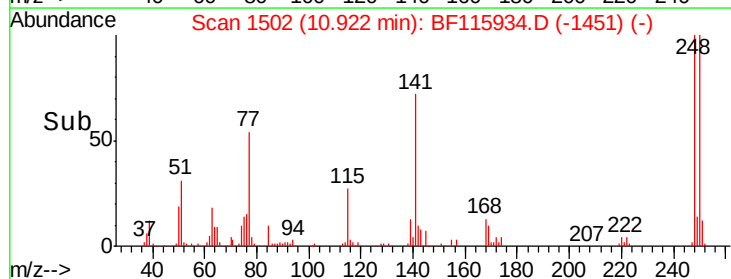
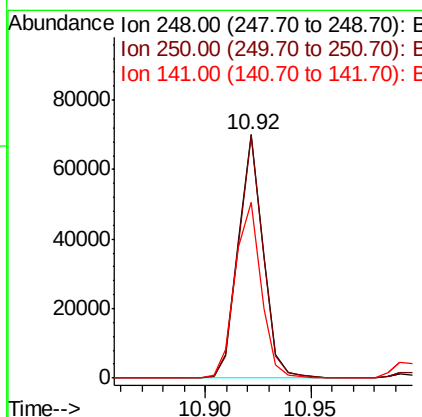
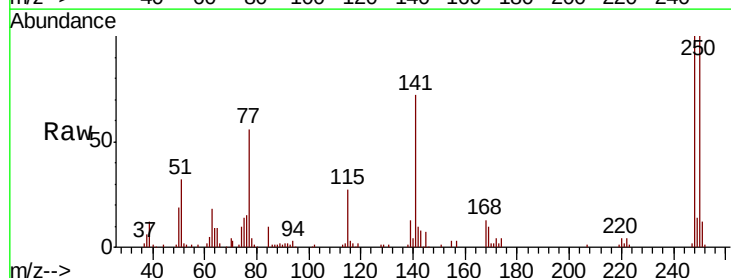
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

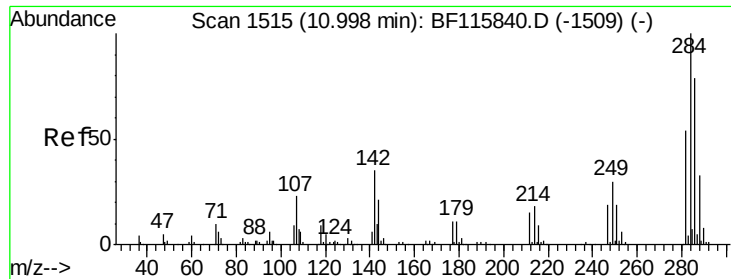
Tot Ion	169	Resp	172432
Ion Ratio	100		
Lower	53.0		
Upper	79.6		
168	67.6		
167	36.7		



#67
 4-Bromophenyl-phenylether
 Concen: 10.151 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion	248	Resp	56849
Ion Ratio	100		
Lower	77.8		
Upper	116.6		
250	99.5		
141	72.3		





#68

Hexachlorobenzene

Concen: 10.048 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

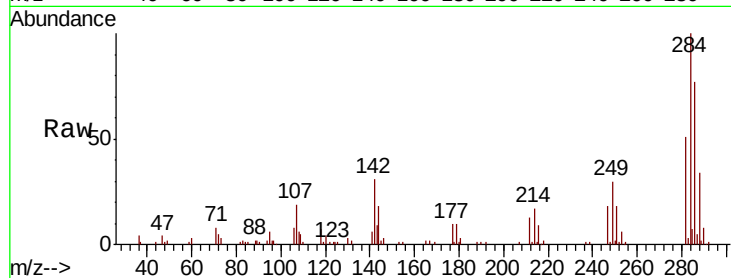
Tot Ion:284 Resp: 65075

Ion Ratio Lower Upper

284 100

142 31.3 28.2 42.2

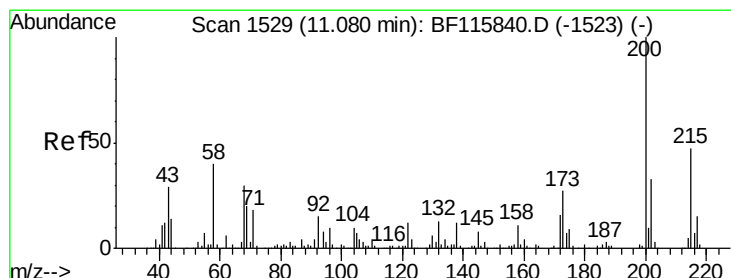
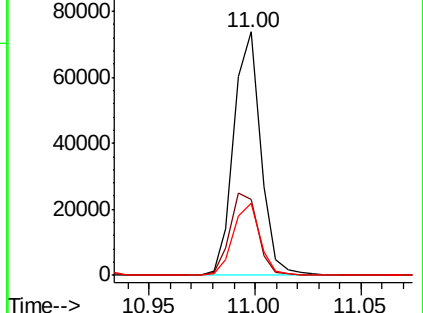
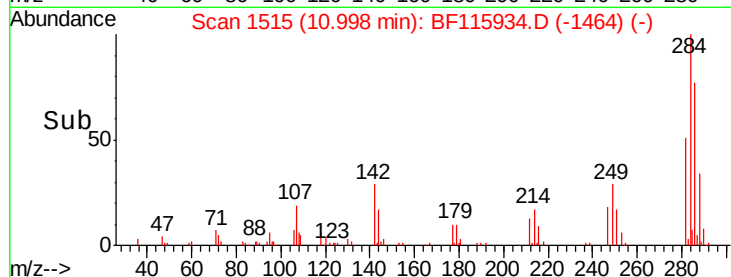
249 29.5 24.0 36.0



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: 10.435 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

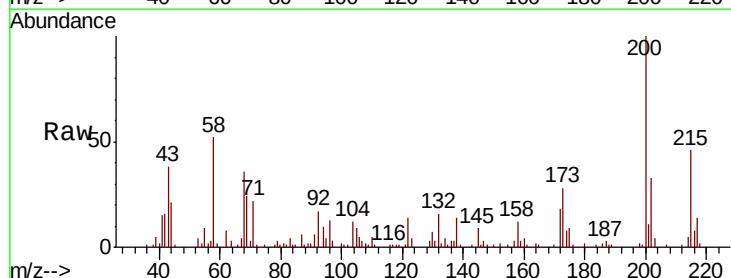
Tgt Ion:200 Resp: 54060

Ion Ratio Lower Upper

200 100

173 27.8 7.3 47.3

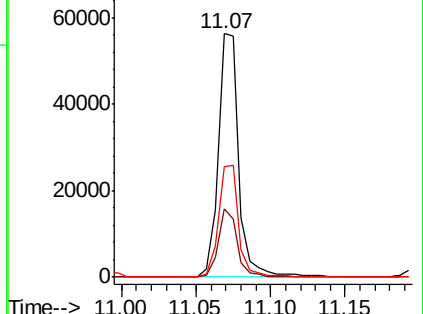
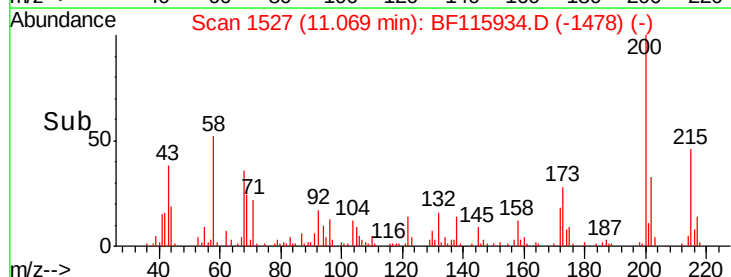
215 45.6 26.9 66.9

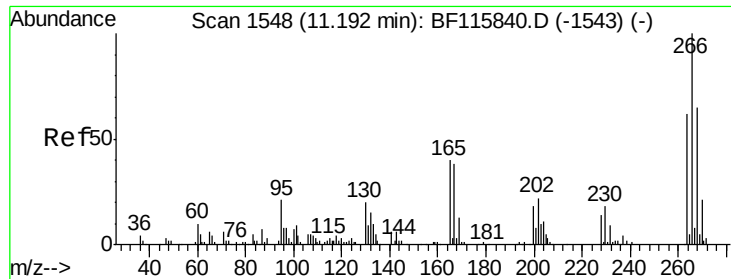


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

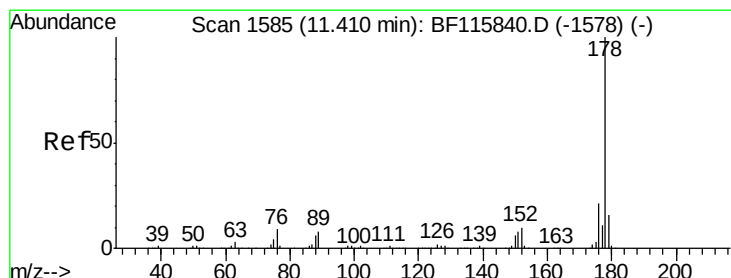
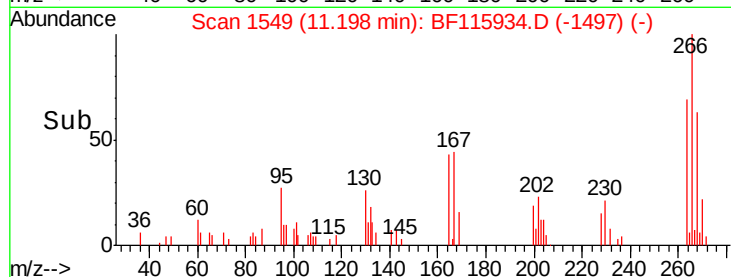
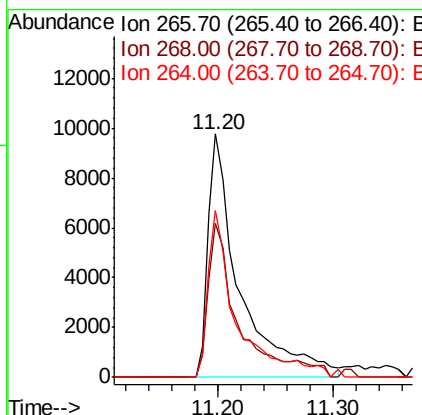
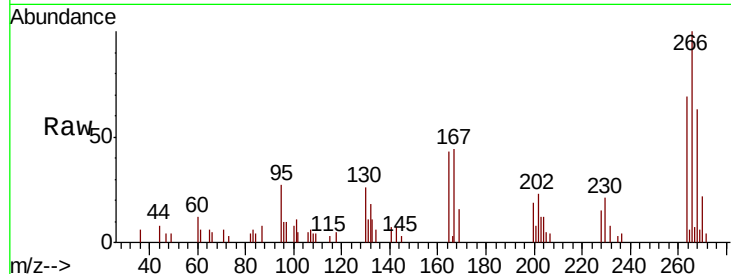




#70
 Pentachlorophenol
 Concen: 5.921 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

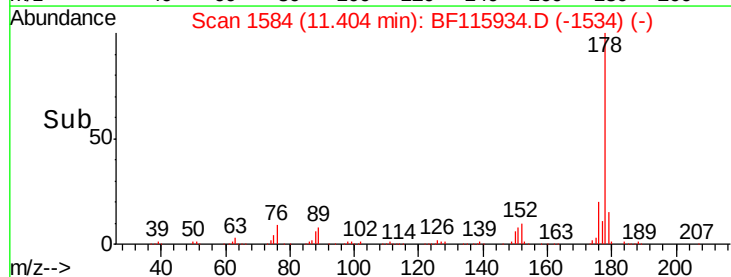
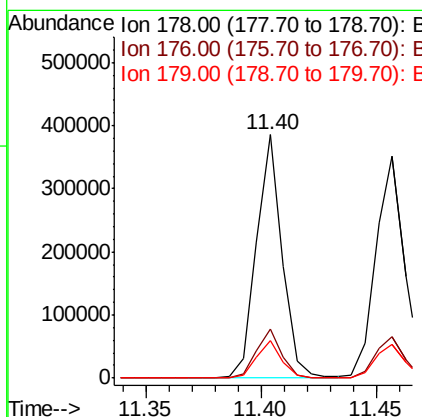
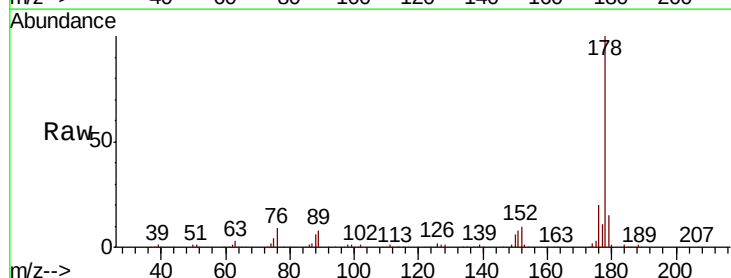
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

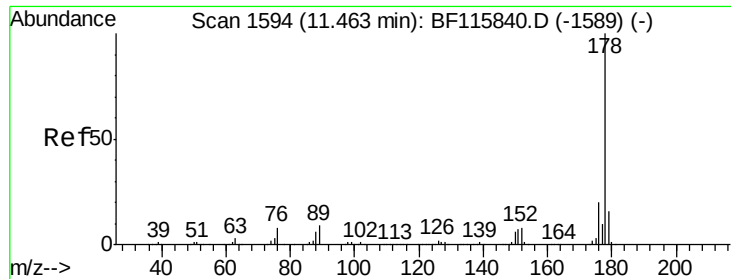
Tot Ion:266 Resp: 18617
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.6 77.4
 264 74.3 49.4 74.0#



#71
 Phenanthrene
 Concen: 11.224 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:178 Resp: 300187
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.5 24.7
 179 15.2 12.6 18.8

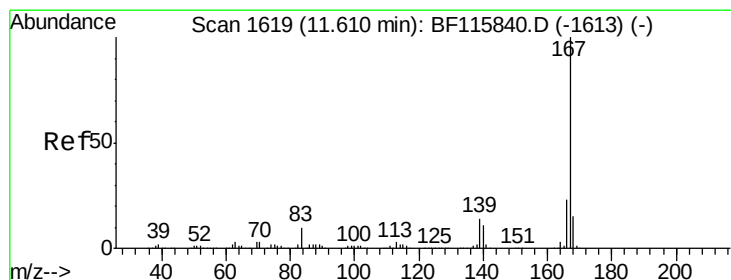
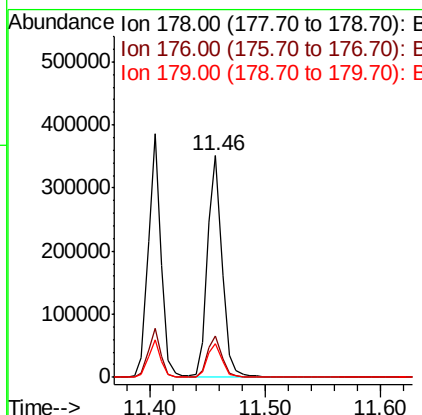
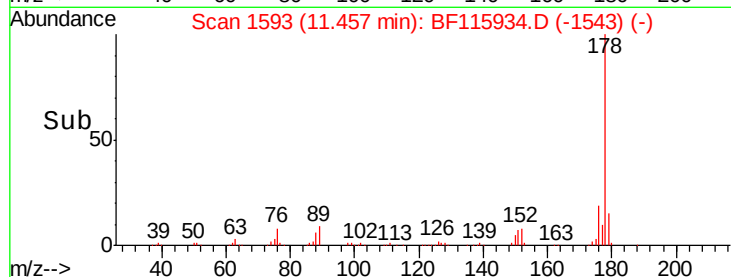
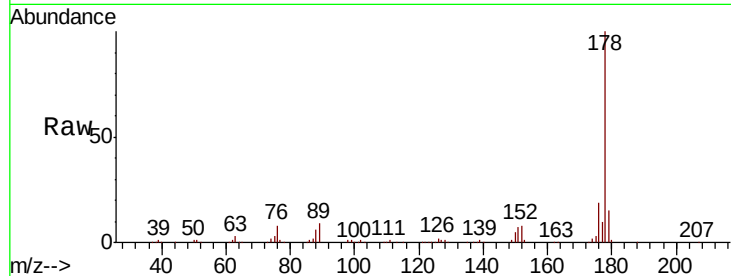




#72
 Anthracene
 Concen: 11.484 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

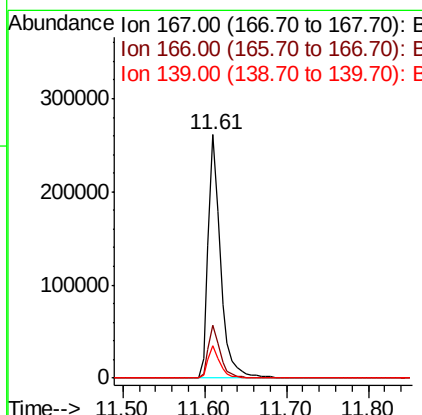
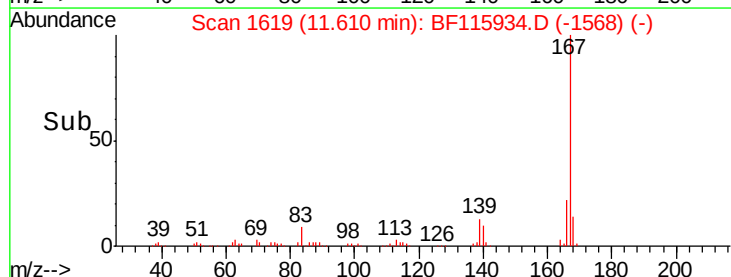
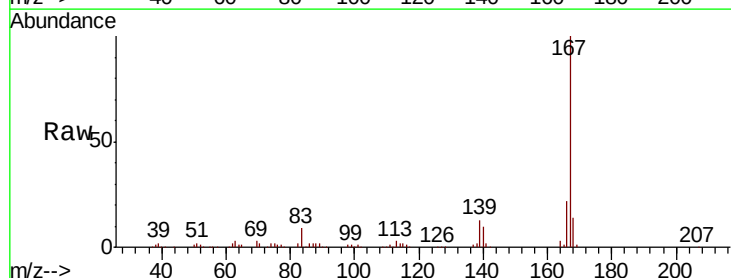
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

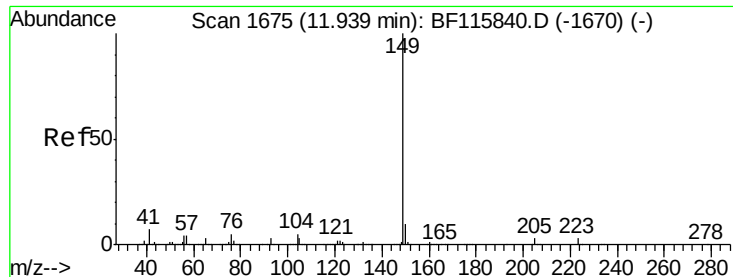
Tot Ion:178 Resp: 310844
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.7 23.5
 179 15.1 12.4 18.6



#73
 Carbazole
 Concen: 11.220 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:167 Resp: 275518
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.3 11.4 17.2





#74

Di-n-butylphthalate

Concen: 10.989 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

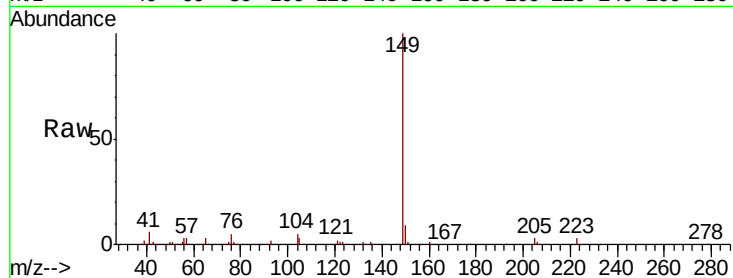
Tot Ion:149 Resp: 314810

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

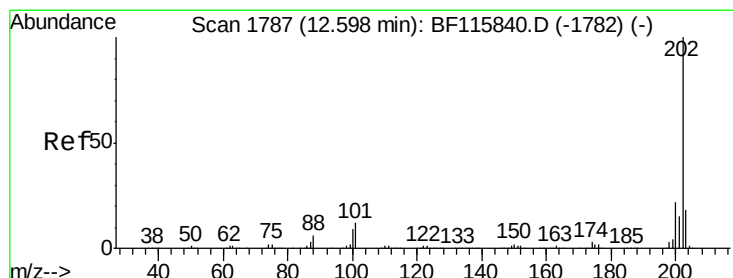
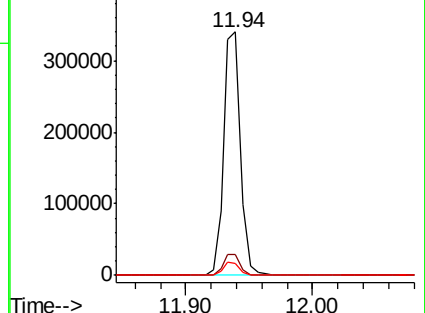
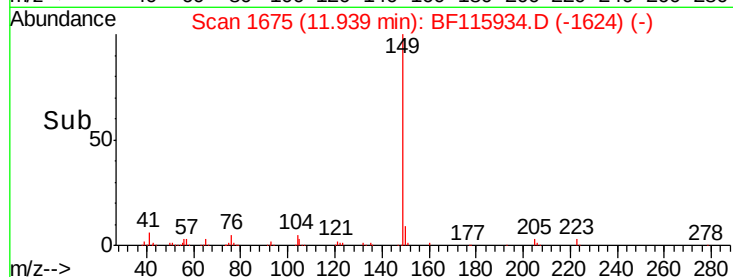
104 5.1 4.3 6.5



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: 11.369 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

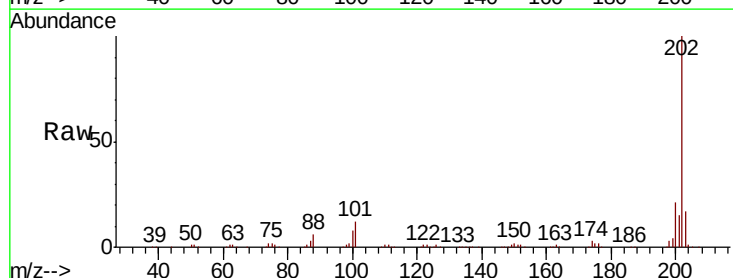
Tgt Ion:202 Resp: 318318

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

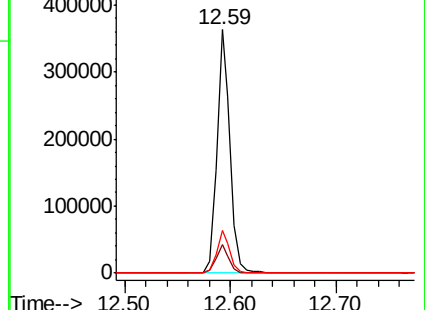
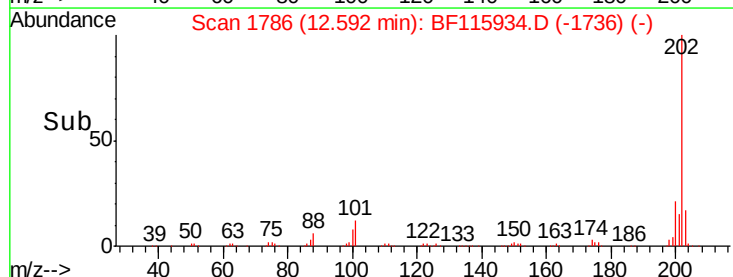
203 17.5 0.0 37.9

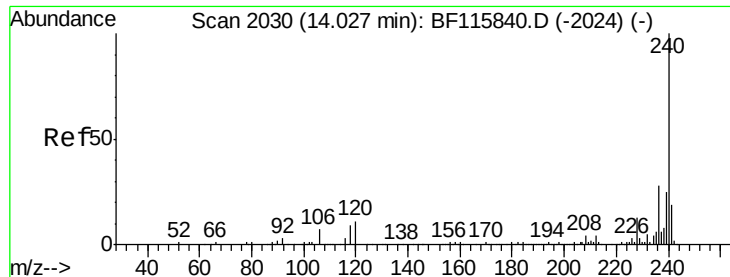


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

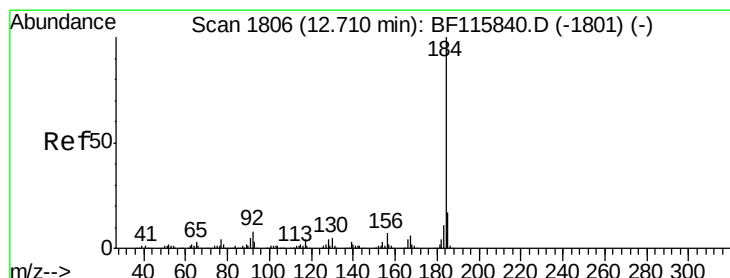
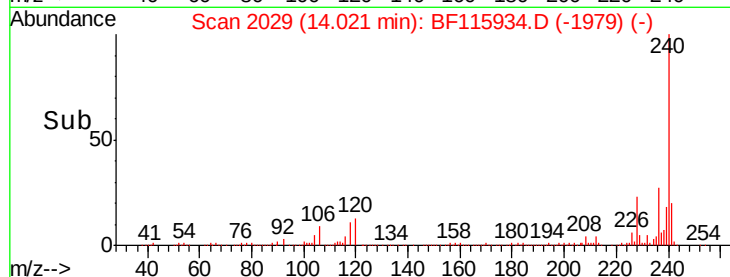
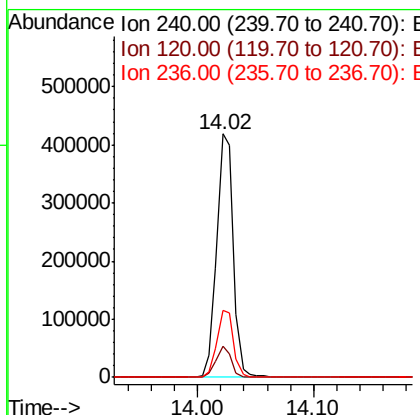
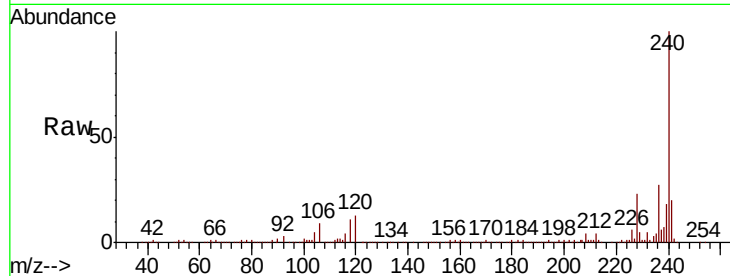




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

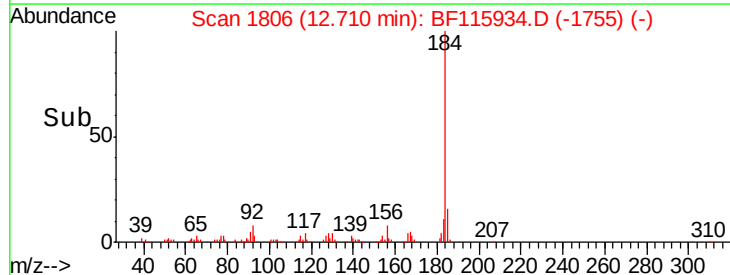
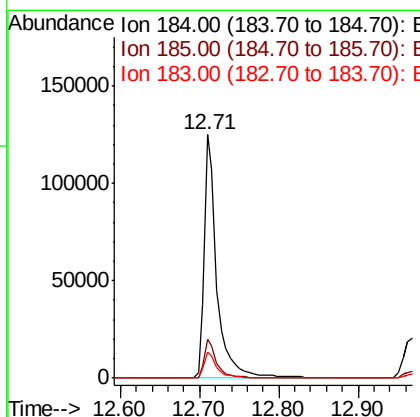
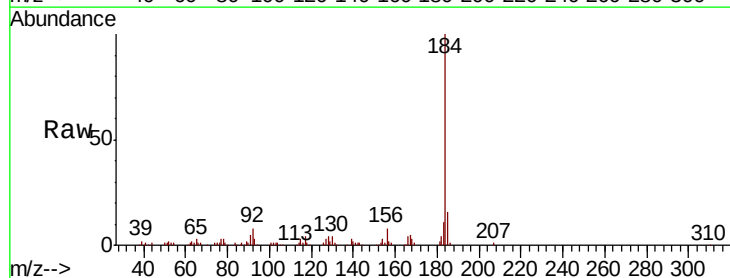
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

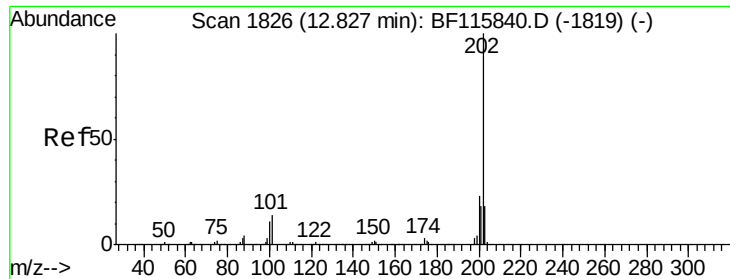
Tot Ion:240 Resp: 419832
Ion Ratio Lower Upper
240 100
120 12.5 8.5 12.7
236 27.3 22.2 33.2



#77
Benzidine
Concen: 9.969 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:184 Resp: 141392
Ion Ratio Lower Upper
184 100
185 16.2 13.4 20.2
183 10.6 9.1 13.7

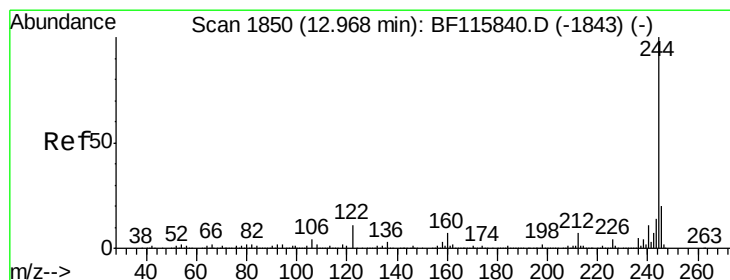
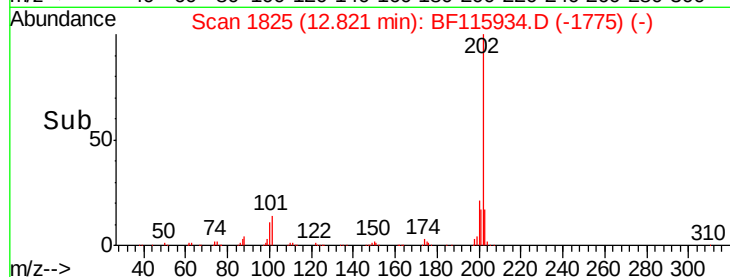
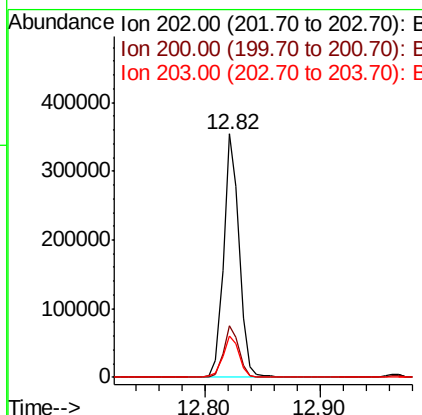
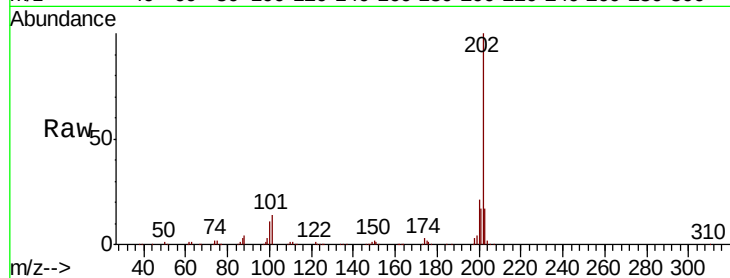




#78
Pvrene
Concen: 10.359 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

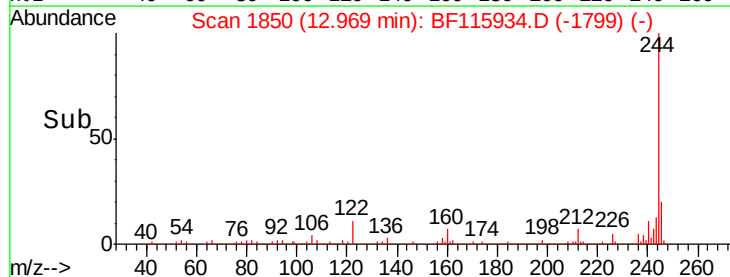
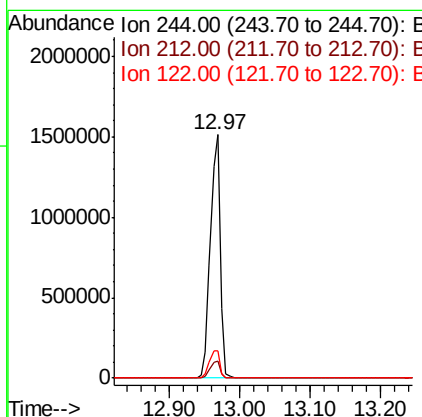
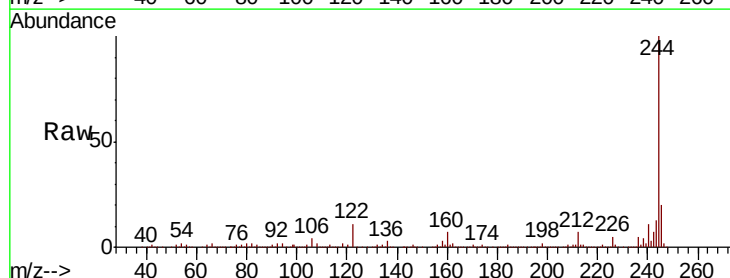
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

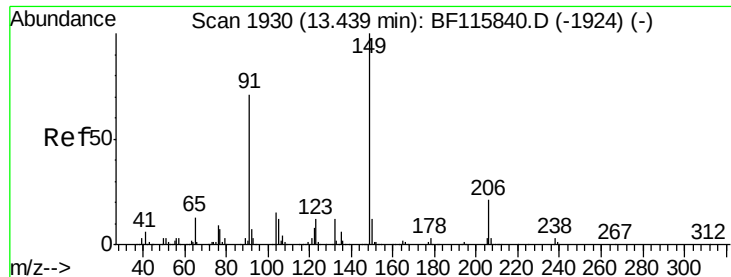
Tot Ion:202 Resp: 327843
Ion Ratio Lower Upper
202 100
200 21.3 18.2 27.2
203 17.3 14.3 21.5



#79
Terphenyl-d14
Concen: 74.681 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:244 Resp: 1487951
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.0 8.6 13.0

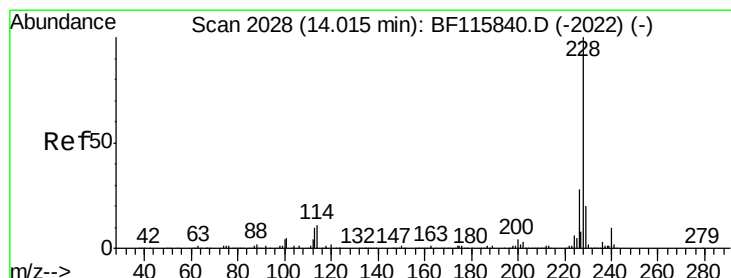
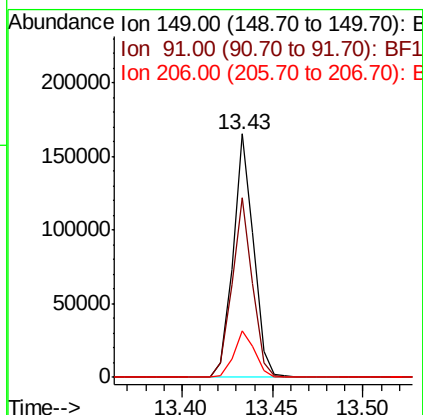
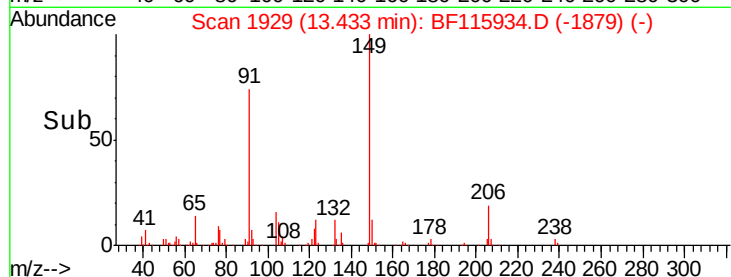
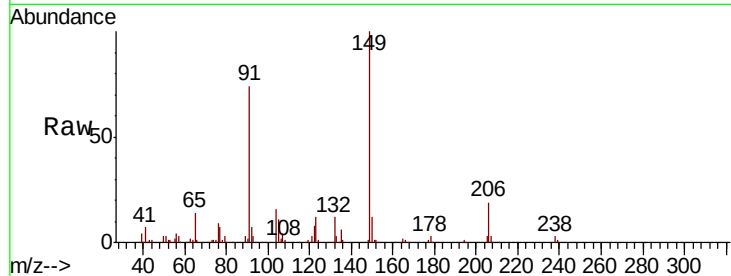




#80
Butylbenzylphthalate
Concen: 9.761 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

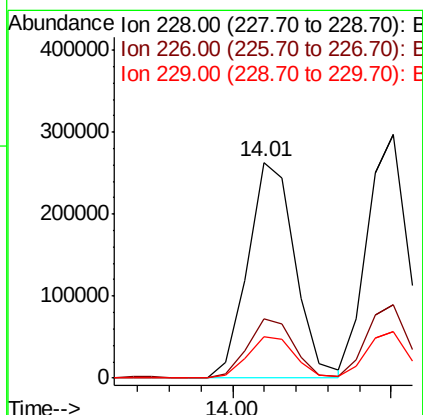
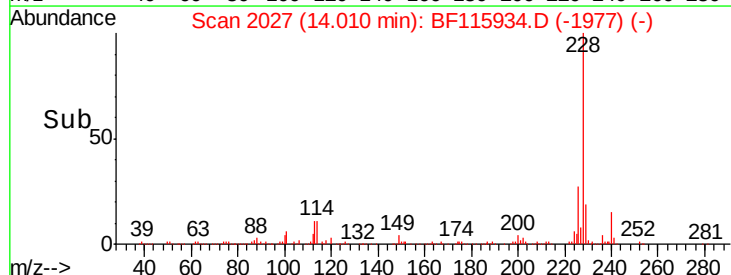
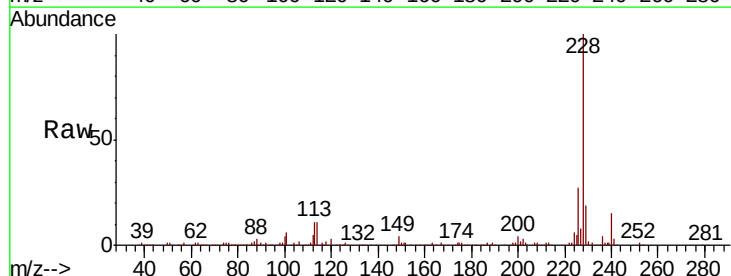
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

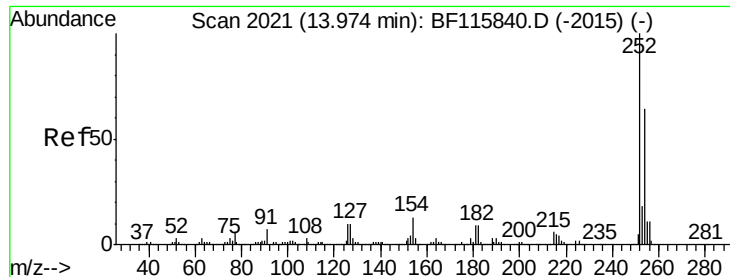
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.0	85.6
206	19.3	16.9	25.3



#81
Benzo(a)anthracene
Concen: 10.135 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	19.2	16.1	24.1

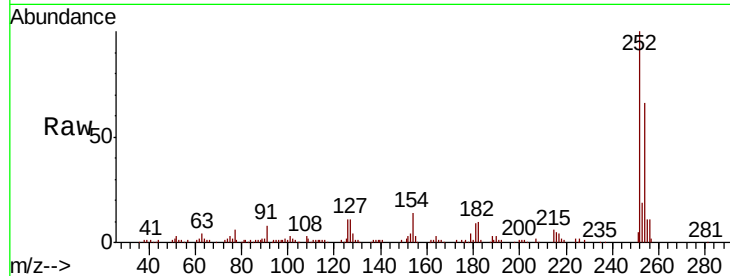




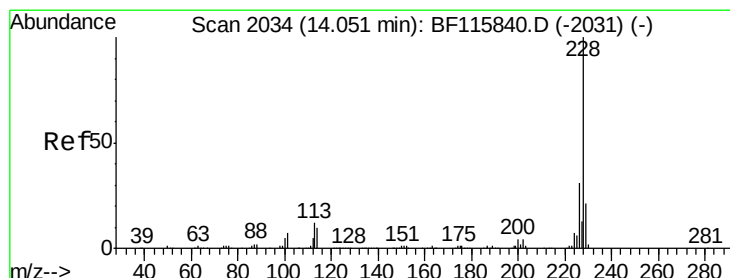
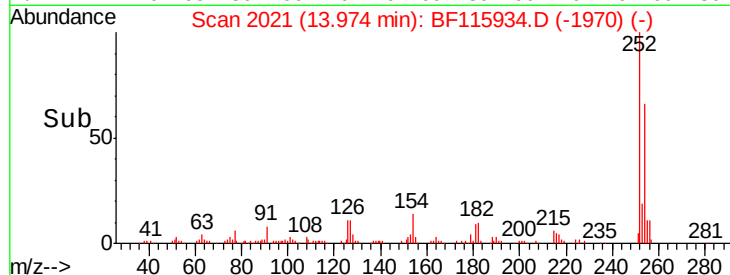
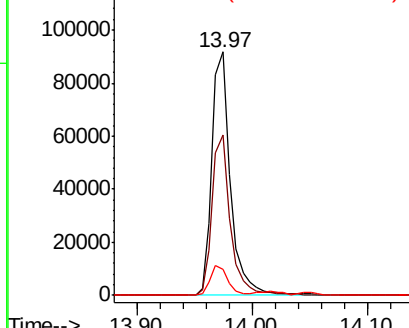
#82
 3,3'-Dichlorobenzidine
 Concen: 11.033 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:252 Resp: 102853
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.2 76.8
 126 10.5 8.1 12.1

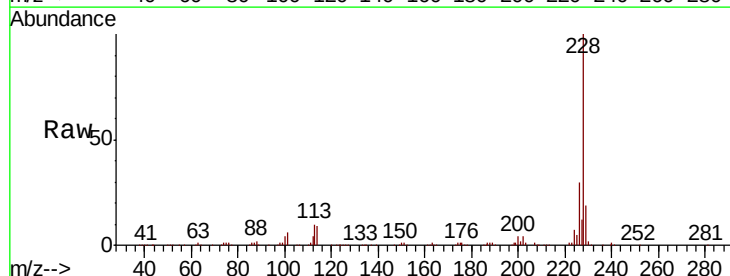


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

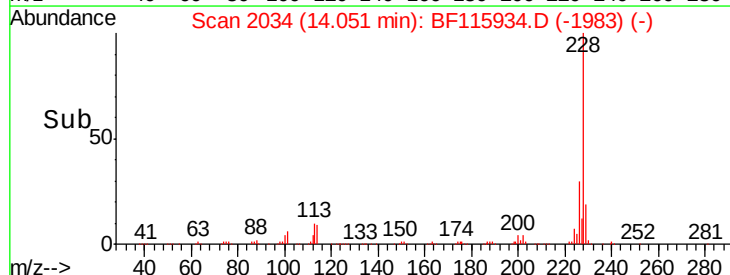
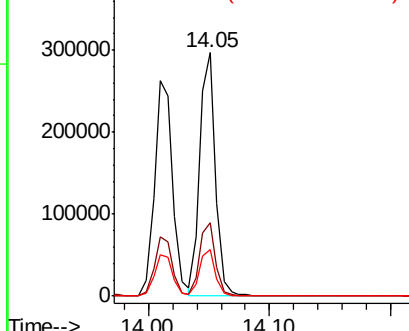


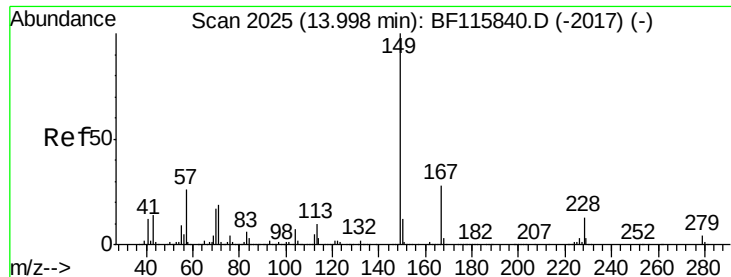
#83
 Chrysene
 Concen: 10.419 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion:228 Resp: 271440
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.1 16.4 24.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.574 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

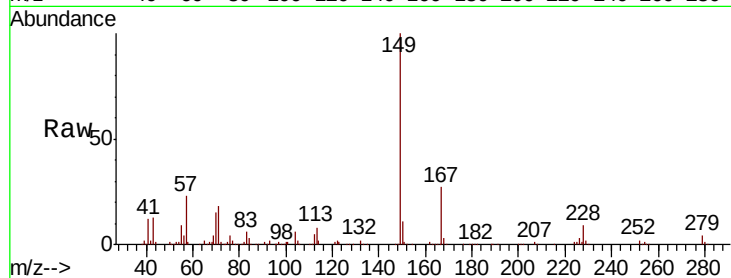
Tot Ion:149 Resp: 183953

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

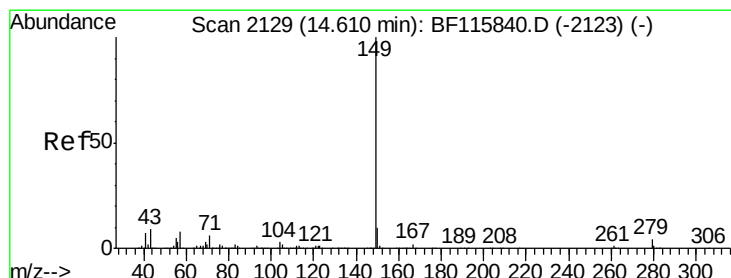
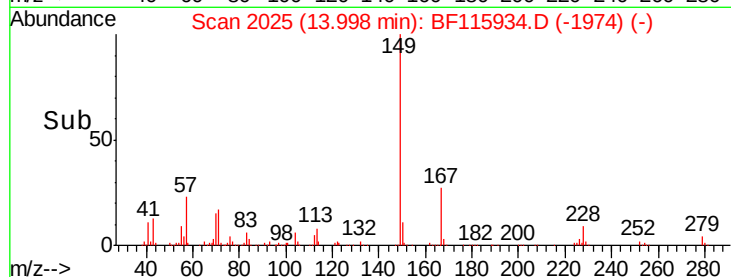
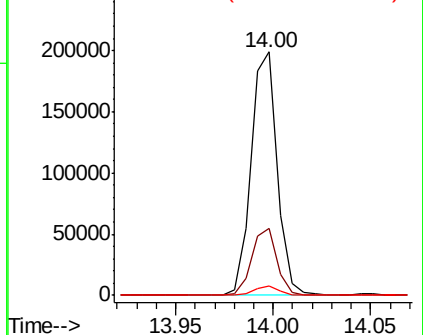
279 4.1 3.3 4.9



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: 10.872 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

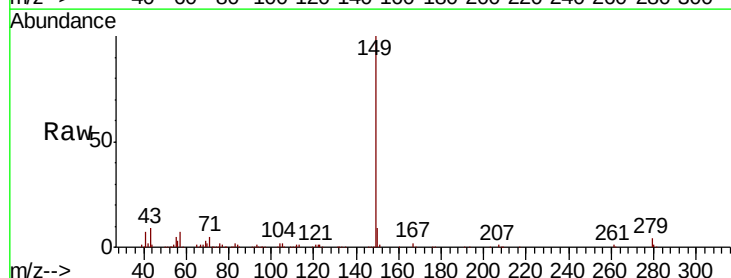
Tgt Ion:149 Resp: 300419

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

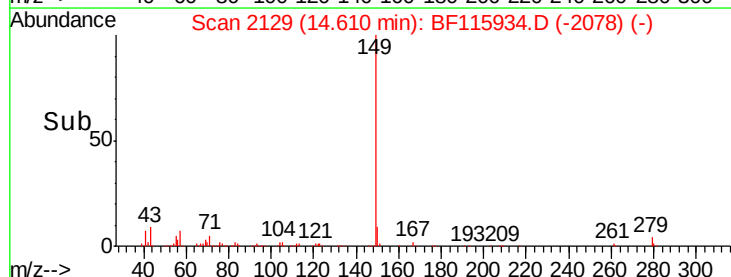
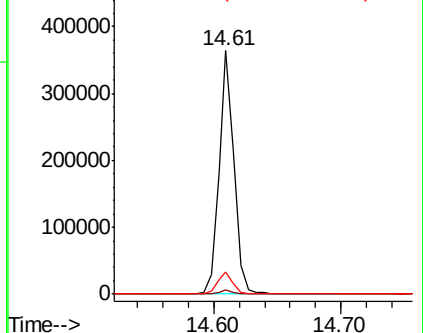
43 9.2 7.4 11.0

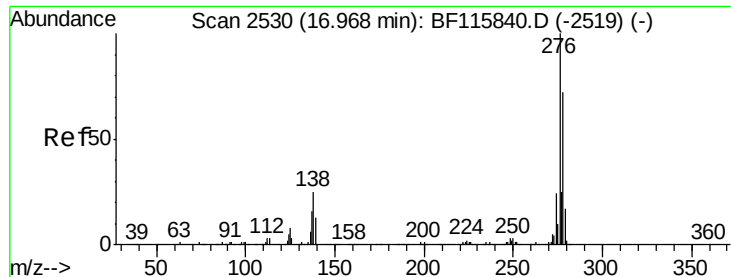


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

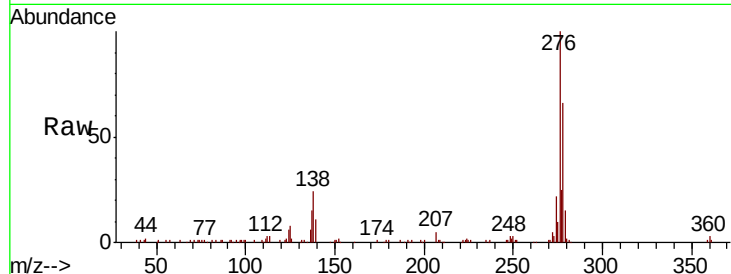




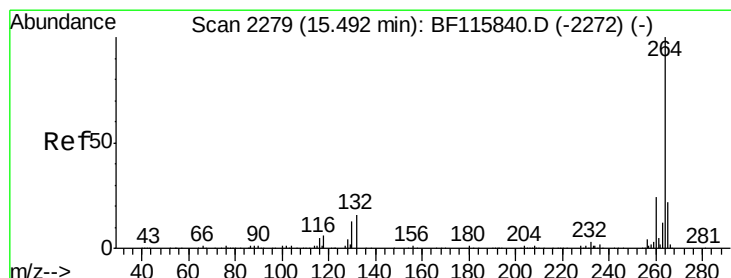
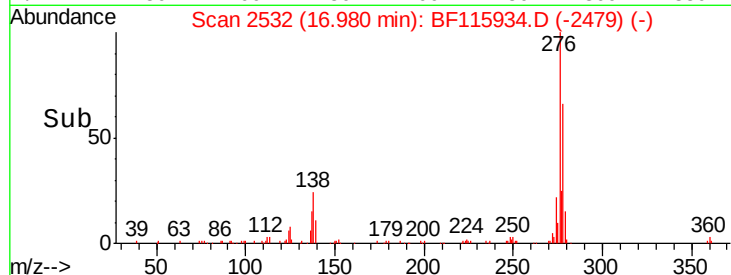
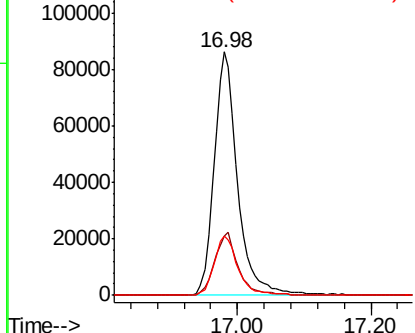
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 9.706 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.6	29.4
277	24.8	20.1	30.1

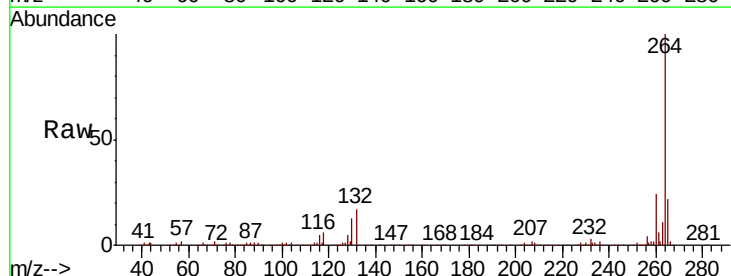


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

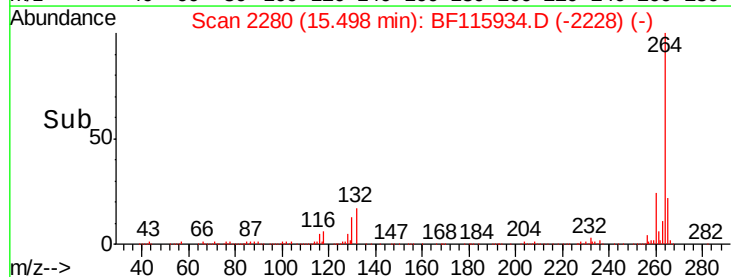
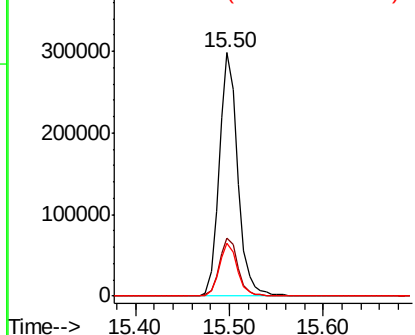


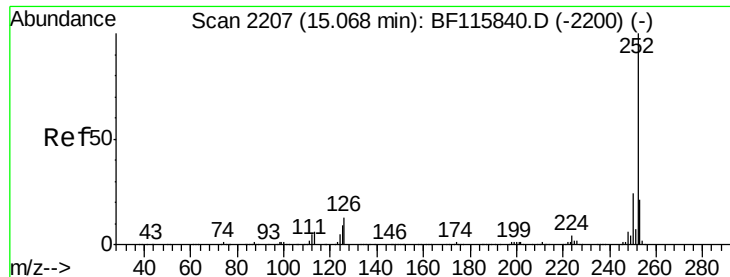
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115934.D
 Acq: 2 Aug 2019 9:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.5	26.3



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





#88

Benzo(b)fluoranthene

Concen: 9.793 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

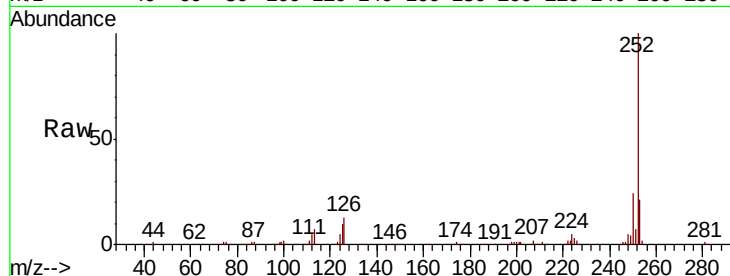
Tot Ion:252 Resp: 232192

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

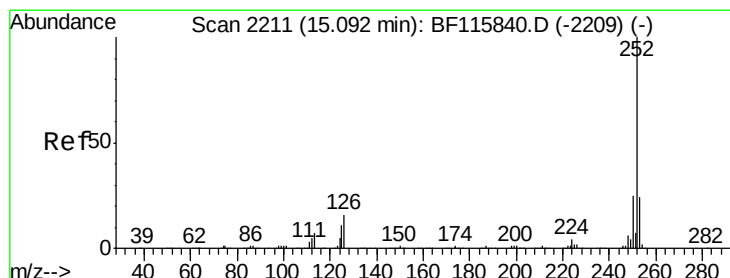
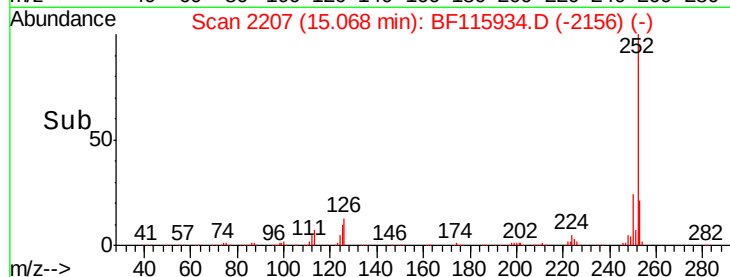
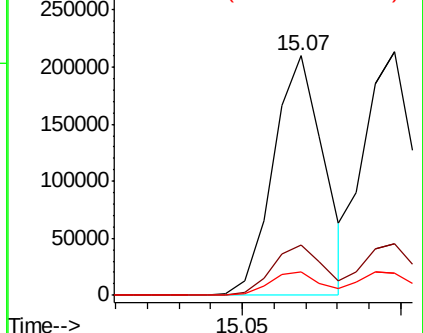
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 10.643 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

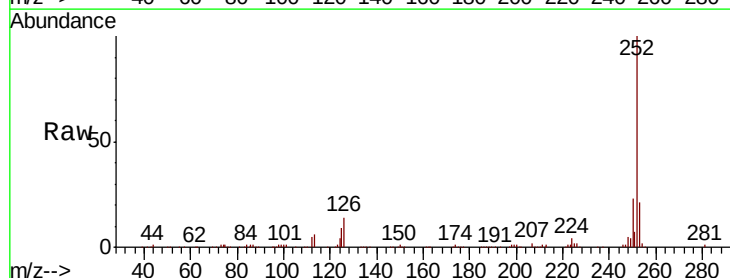
Tgt Ion:252 Resp: 245776

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

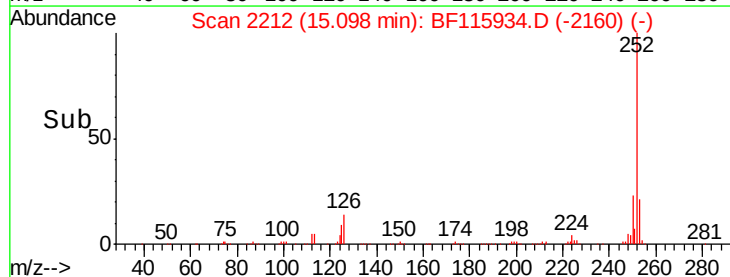
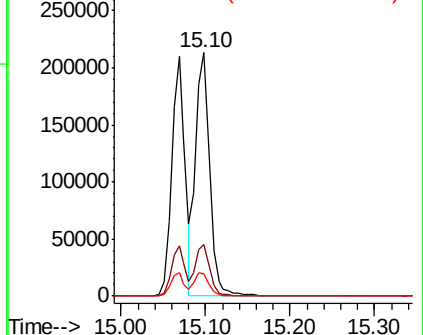
125 9.3 8.9 13.3

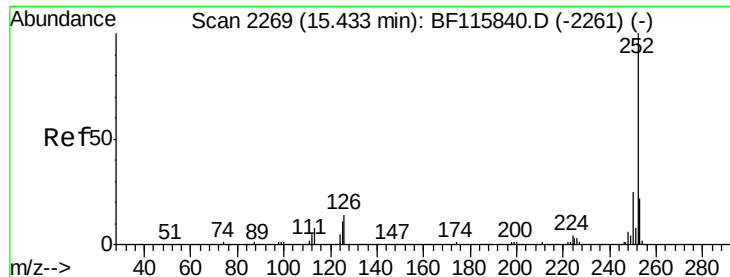


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

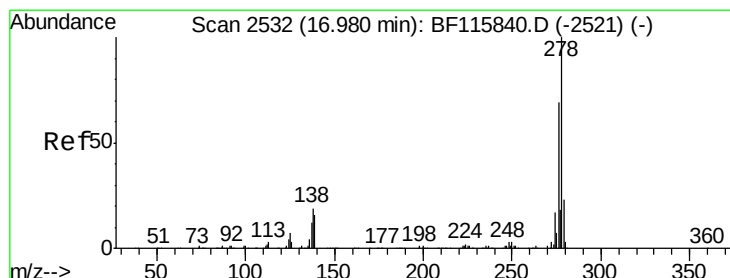
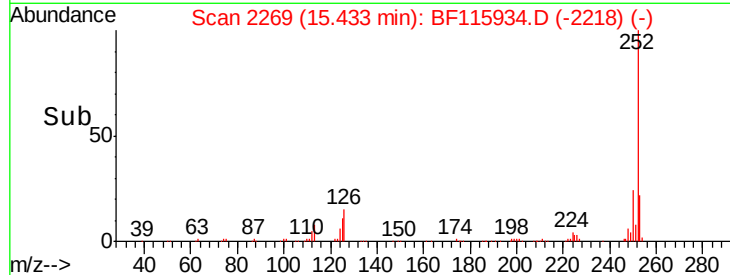
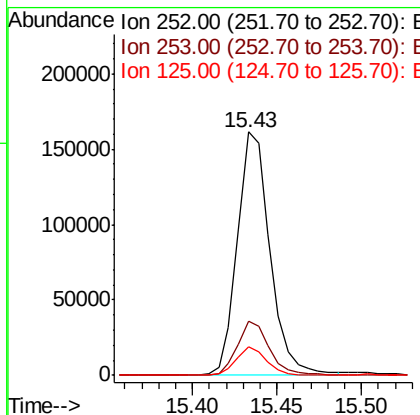
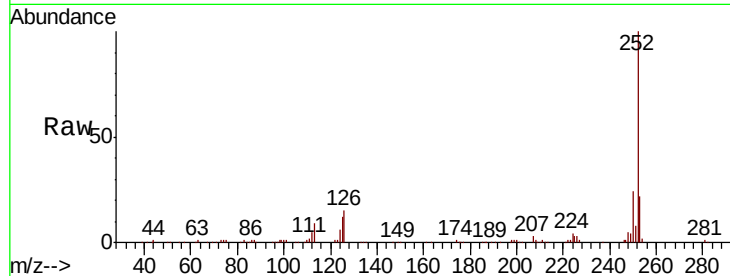




#90
Benzo(a)pyrene
Concen: 10.285 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

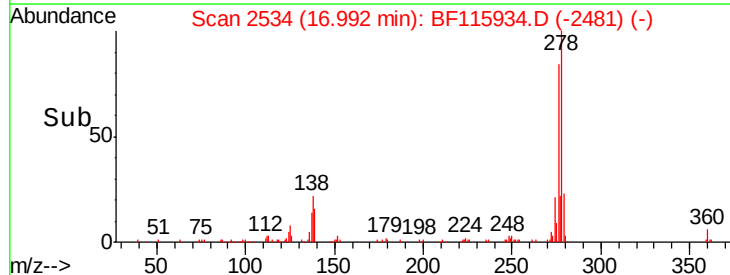
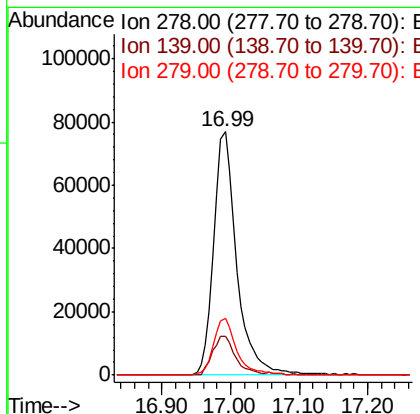
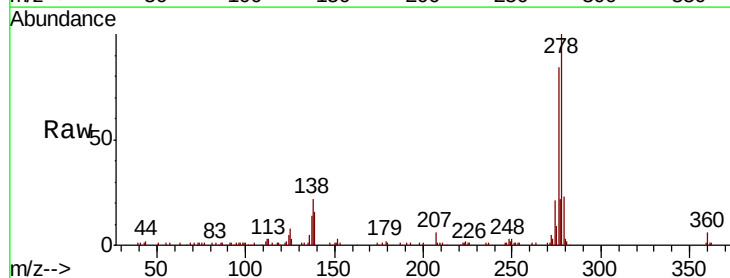
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

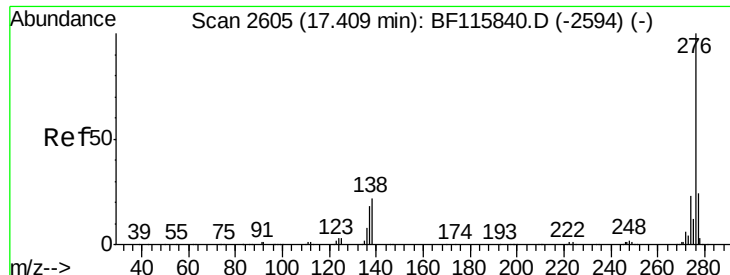
Tot Ion:252 Resp: 217977
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.5 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 9.780 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115934.D
Acq: 2 Aug 2019 9:30

Tgt Ion:278 Resp: 179413
Ion Ratio Lower Upper
278 100
139 16.1 12.6 19.0
279 23.1 18.8 28.2





#92

Benzo(a,h,i)perylene

Concen: 9.637 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115934.D

Acq: 2 Aug 2019 9:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

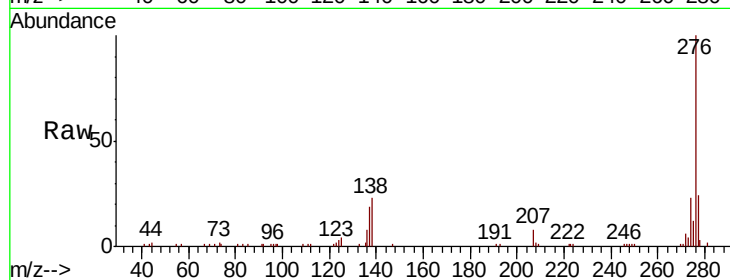
Tot Ion: 276 Resp: 173626

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 22.9 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

