

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115850.D
 Acq On : 30 Jul 2019 19:02
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 31 04:40:00 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 04:26:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133181	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	533773	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	282397	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	491201	20.00	ng	0.00
76) Chrysene-d12	14.02	240	385834	20.00	ng	0.00
87) Perylene-d12	15.49	264	369191	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	802181	100.83	ng	0.00
7) Phenol-d6	6.48	99	1008249	100.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	747034	80.79	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	276540	101.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1266242	83.99	ng	0.00
79) Terphenyl-d14	12.96	244	1363404	74.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	34308	8.536	ng	99
3) Pyridine	3.41	79	70761	6.303	ng	99
4) n-Nitrosodimethylamine	3.30	42	33265	7.508	ng	# 99
6) Aniline	6.52	93	117477	8.173	ng	97
8) 2-Chlorophenol	6.64	128	73465	8.351	ng	97
9) Benzaldehyde	6.40	77	64362	9.293	ng	99
10) Phenol	6.49	94	100659	8.516	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	71152	8.188	ng	97
12) 1,3-Dichlorobenzene	6.79	146	83459	8.209	ng	97
13) 1,4-Dichlorobenzene	6.87	146	83502	8.203	ng	98
14) 1,2-Dichlorobenzene	7.02	146	77882	8.309	ng	99
15) Benzyl Alcohol	6.99	79	69521	9.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	93721	7.907	ng	97
17) 2-Methylphenol	7.10	107	61353	8.236	ng	99
18) Hexachloroethane	7.36	117	28720	7.663	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	52153	8.385	ng	96
20) 3+4-Methylphenols	7.26	107	80666	9.151	ng	# 52
22) Acetophenone	7.26	105	107614	9.193	ng	99
24) Nitrobenzene	7.43	77	85916	8.605	ng	98
25) Isophorone	7.66	82	144512	8.173	ng	97
26) 2-Nitrophenol	7.75	139	35667	7.578	ng	94
27) 2,4-Dimethylphenol	7.78	122	62109	8.771	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	87773	8.009	ng	98
29) 2,4-Dichlorophenol	7.99	162	60215	8.054	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	67858	7.962	ng	99
31) Naphthalene	8.15	128	223762	8.908	ng	98
32) Benzoic acid	7.87	122	19842	3.974	ng	87
33) 4-Chloroaniline	8.20	127	90890	8.099	ng	97
34) Hexachlorobutadiene	8.27	225	37641	7.668	ng	99
35) Caprolactam	8.54	113	18394	7.607	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	63284	8.136	ng	99
37) 2-Methylnaphthalene	8.85	142	146657	8.865	ng	98
38) 1-Methylnaphthalene	8.95	142	138115	8.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	64310	8.518	ng	99

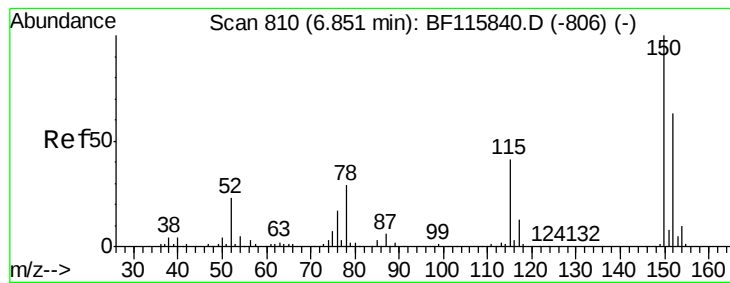
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115850.D
 Acq On : 30 Jul 2019 19:02
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 31 04:40:00 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 04:26:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	12344	4.183	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	38051	7.322	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	42377	7.889	ng	98
46) 1,1'-Biphenyl	9.31	154	181076	9.082	ng	99
47) 2-Chloronaphthalene	9.34	162	137006	8.257	ng	99
48) 2-Nitroaniline	9.43	65	40772	7.434	ng	# 83
49) Acenaphthylene	9.75	152	216464	8.942	ng	98
50) Dimethylphthalate	9.60	163	149984	7.800	ng	99
51) 2,6-Dinitrotoluene	9.67	165	32813	7.853	ng	90
52) Acenaphthene	9.92	154	131085	8.826	ng	98
53) 3-Nitroaniline	9.84	138	37608	7.284	ng	94
54) 2,4-Dinitrophenol	9.96	184	5479	3.088	ng	# 79
55) Dibenzofuran	10.10	168	195435	9.049	ng	99
56) 4-Nitrophenol	10.01	139	19737	5.967	ng	91
57) 2,4-Dinitrotoluene	10.07	165	42182	7.582	ng	88
58) Fluorene	10.44	166	152059	9.151	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	32995	7.301	ng	94
60) Diethylphthalate	10.31	149	144140	8.029	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	71136	8.453	ng	99
62) 4-Nitroaniline	10.45	138	38537	7.222	ng	99
63) Azobenzene	10.59	77	157954	8.554	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	13658	5.247	ng	96
66) n-Nitrosodiphenylamine	10.55	169	127791	8.643	ng	97
67) 4-Bromophenyl-phenylether	10.92	248	42327	8.050	ng	95
68) Hexachlorobenzene	10.99	284	47736	7.851	ng	95
69) Atrazine	11.07	200	37323	7.674	ng	98
70) Pentachlorophenol	11.19	266	15481	5.244	ng	93
71) Phenanthrene	11.40	178	224013	8.921	ng	96
72) Anthracene	11.46	178	230332	9.063	ng	97
73) Carbazole	11.61	167	201736	8.750	ng	96
74) Di-n-butylphthalate	11.94	149	209485	7.789	ng	98
75) Fluoranthene	12.59	202	227504	8.654	ng	99
77) Benzidine	12.71	184	106188	8.146	ng	98
78) Pyrene	12.82	202	237972	8.182	ng	97
80) Butylbenzylphthalate	13.43	149	81363	6.613	ng	96
81) Benzo(a)anthracene	14.01	228	198859	8.064	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	70373	8.214	ng	97
83) Chrysene	14.04	228	195451	8.163	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	110892	6.936	ng	98
85) Di-n-octyl phthalate	14.60	149	170197	6.702	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	144760	7.199	ng	99
88) Benzo(b)fluoranthene	15.06	252	162441	7.610	ng	100
89) Benzo(k)fluoranthene	15.09	252	177337	8.529	ng	96
90) Benzo(a)pyrene	15.42	252	152034	7.967	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	120340	7.285	ng	97
92) Benzo(g,h,i)perylene	17.40	276	118614	7.312	ng	98

(#) = 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: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

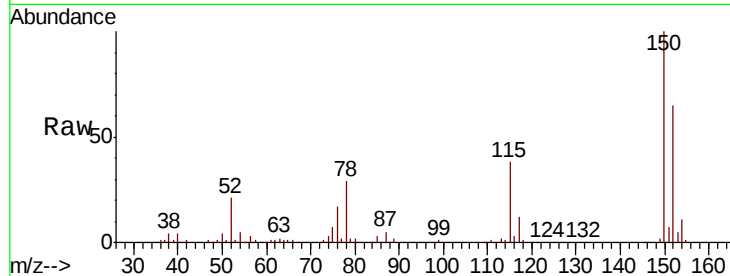
Tot Ion:152 Resp: 133181

Ion Ratio Lower Upper

152 100

150 154.2 127.4 191.0

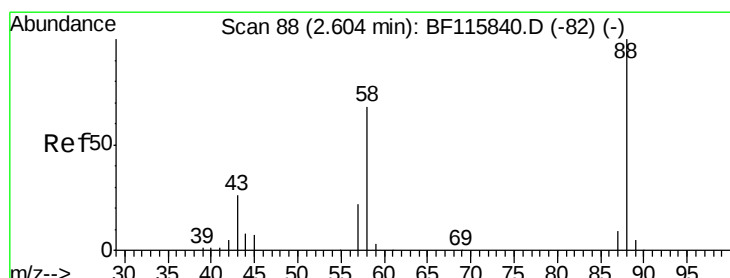
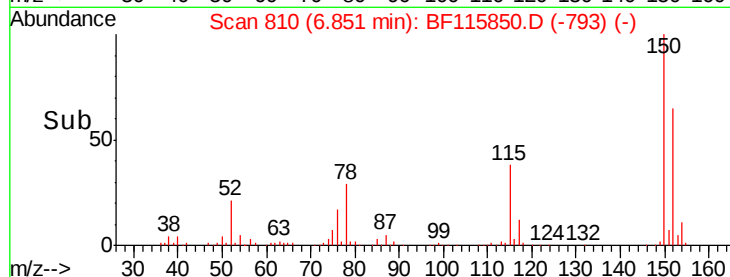
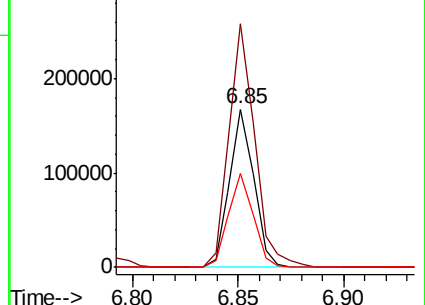
115 59.1 51.8 77.8



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: 8.536 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

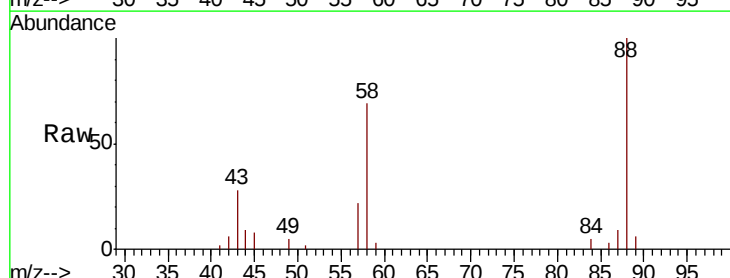
Tgt Ion: 88 Resp: 34308

Ion Ratio Lower Upper

88 100

58 66.5 54.1 81.1

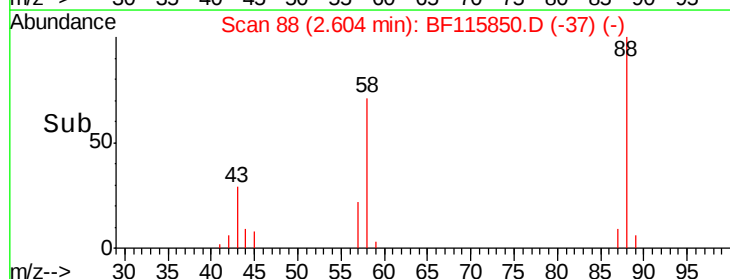
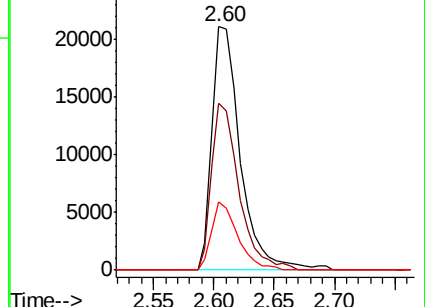
43 26.2 20.7 31.1

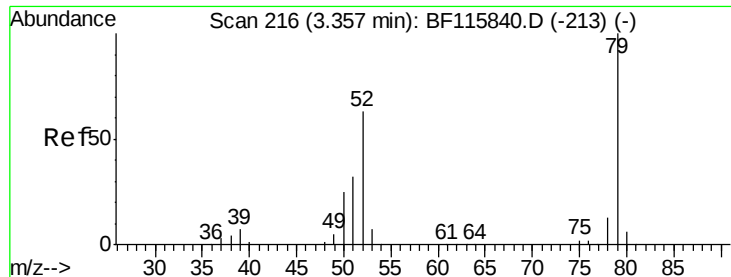


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



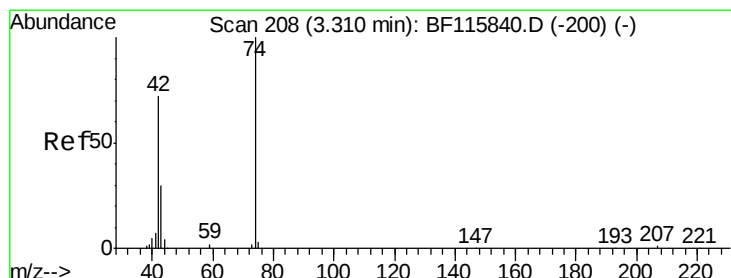
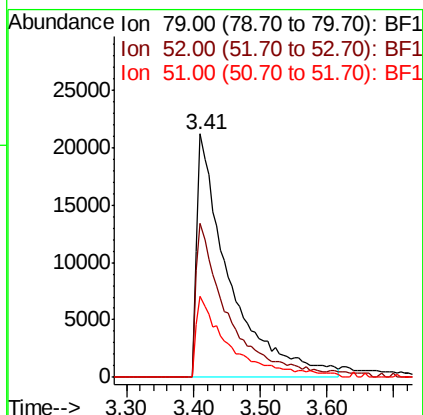
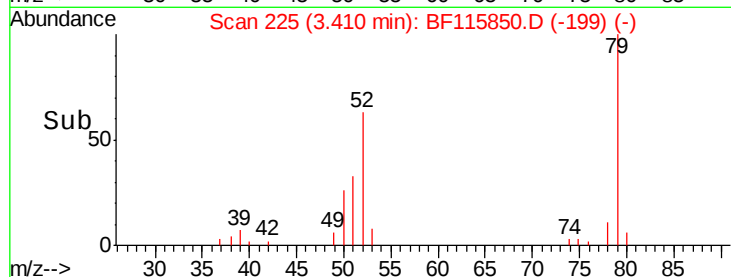
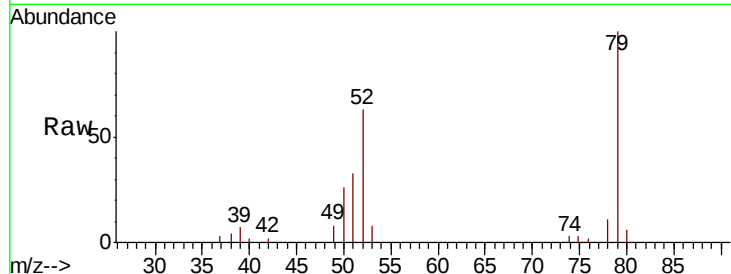


#3
Pvridine
Concen: 6.303 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.05 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 79 Resp: 70761

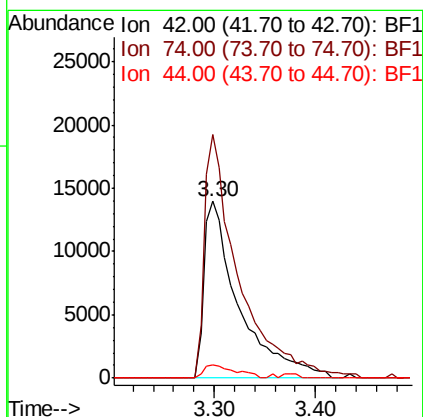
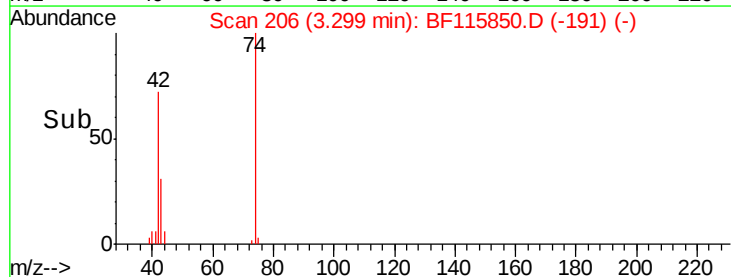
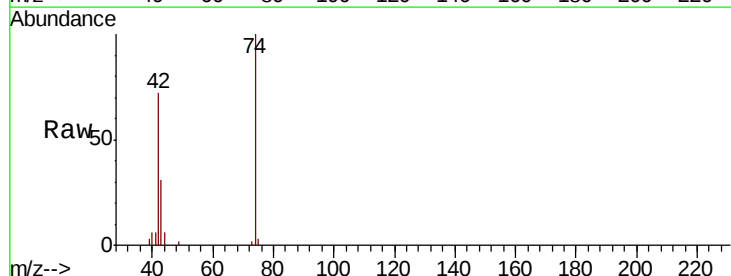
Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.2	75.4
51	33.2	25.8	38.6

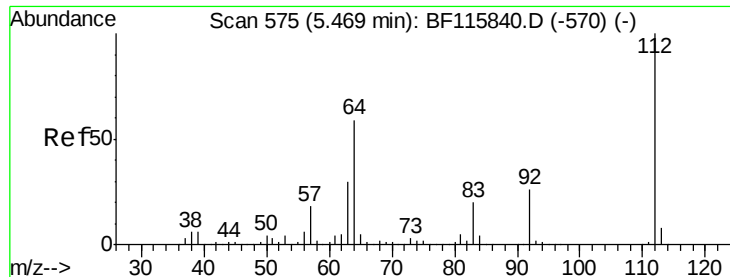


#4
n-Nitrosodimethylamine
Concen: 7.508 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion: 42 Resp: 33265

Ion	Ratio	Lower	Upper
42	100		
74	138.0	111.0	166.4
44	7.7	4.7	7.1





#5

2-Fluorophenol

Concen: 100.833 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

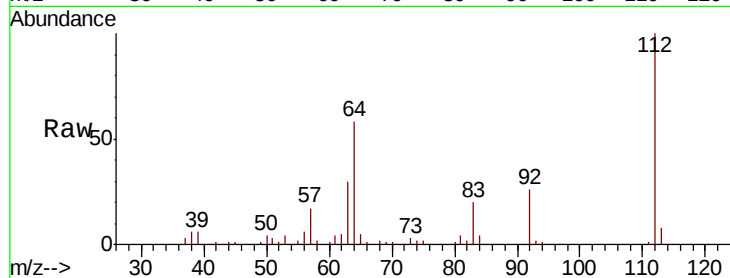
Tot Ion:112 Resp: 802181

Ion Ratio Lower Upper

112 100

64 58.1 46.8 70.2

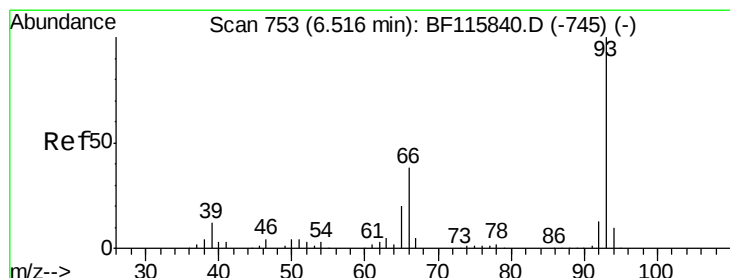
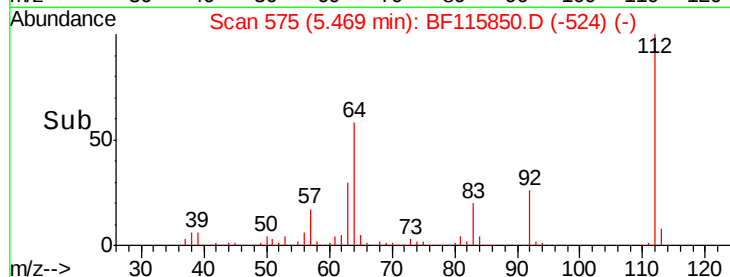
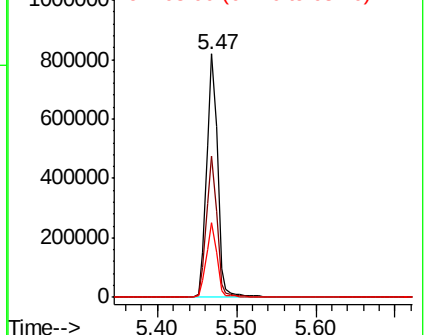
63 30.5 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.173 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

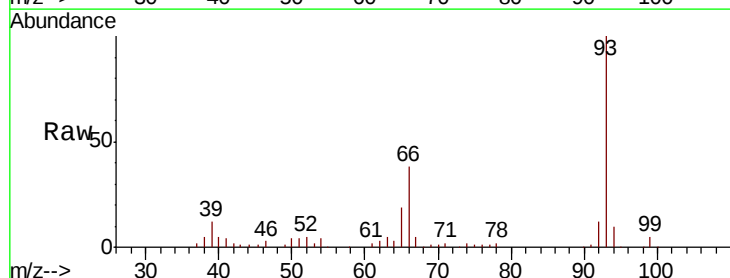
Tgt Ion: 93 Resp: 117477

Ion Ratio Lower Upper

93 100

66 37.5 31.4 47.0

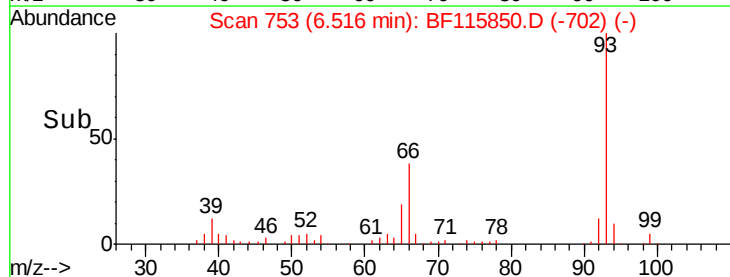
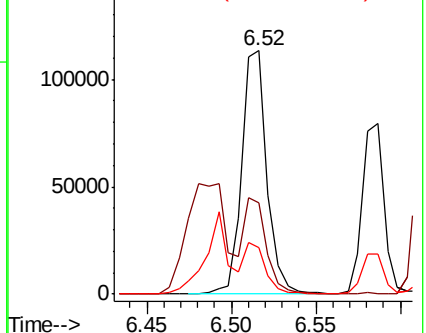
65 19.2 16.5 24.7

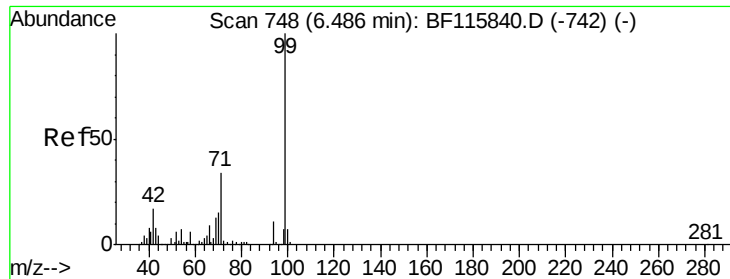


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.450 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

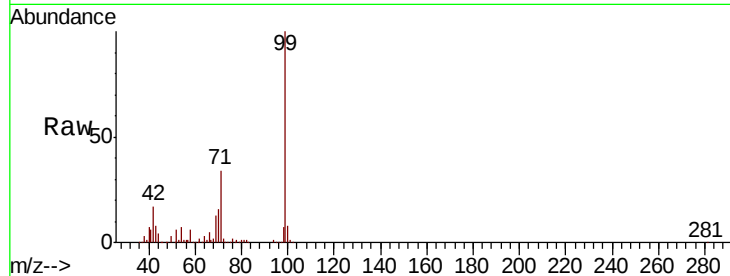
Tot Ion: 99 Resp: 1008249

Ion Ratio Lower Upper

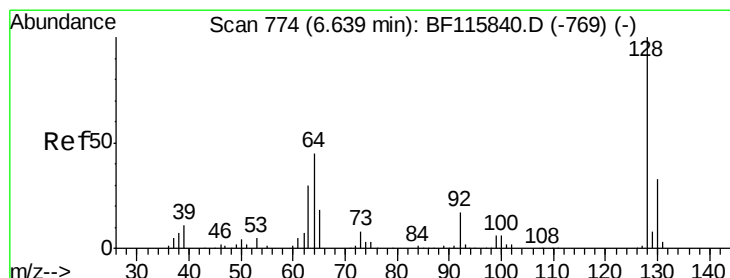
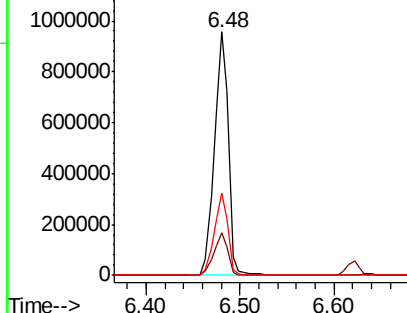
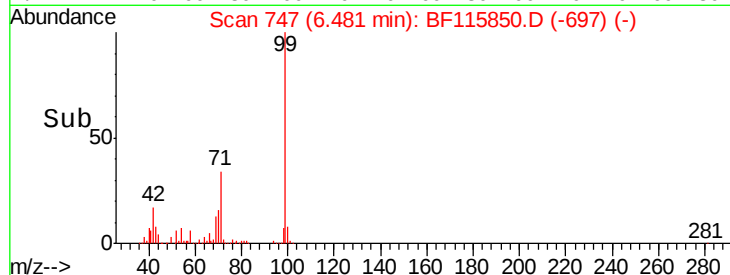
99 100

42 17.4 13.8 20.6

71 33.8 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: 8.351 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

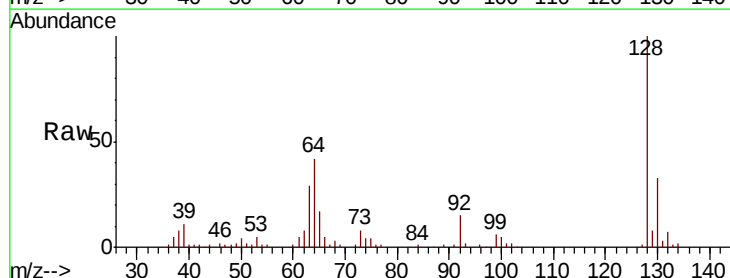
Tgt Ion: 128 Resp: 73465

Ion Ratio Lower Upper

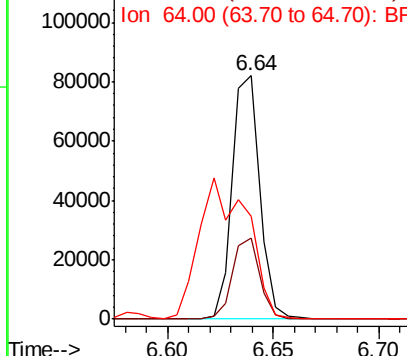
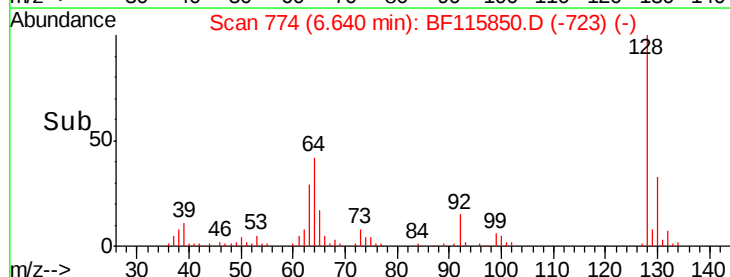
128 100

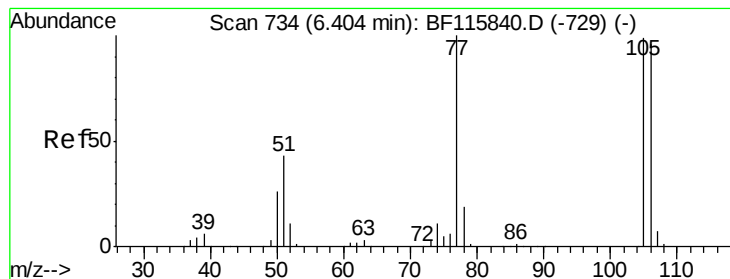
130 33.2 12.9 52.9

64 42.5 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: 9.293 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

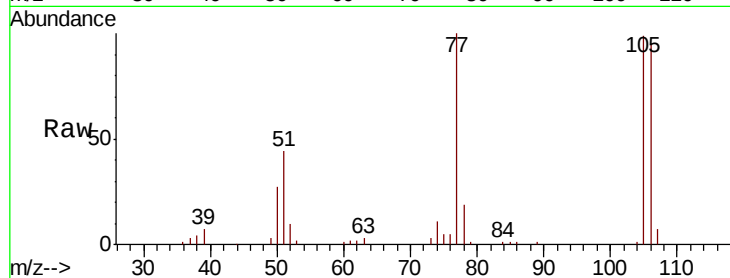
Tot Ion: 77 Resp: 64362

Ion Ratio Lower Upper

77 100

105 99.3 79.0 119.0

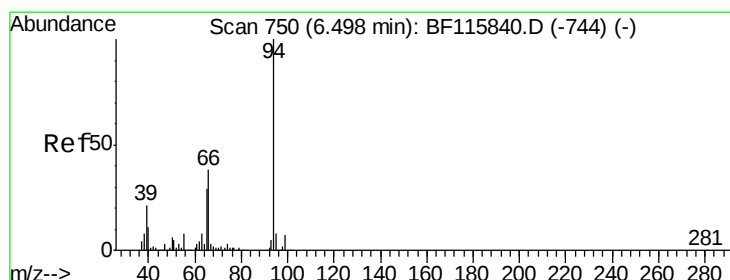
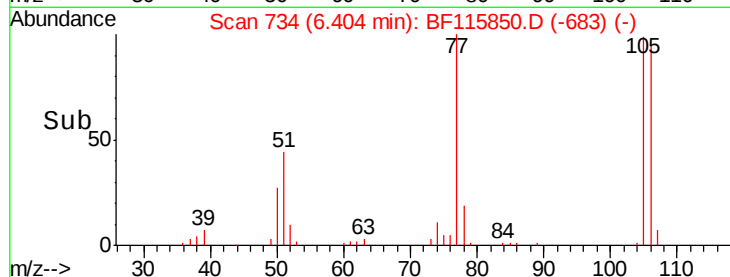
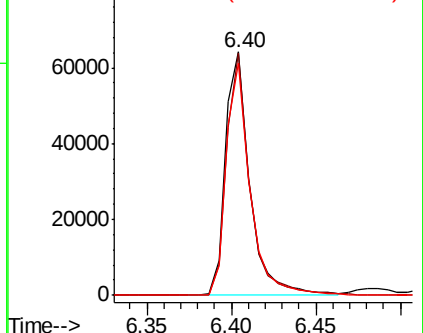
106 95.1 76.2 116.2



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: 8.516 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

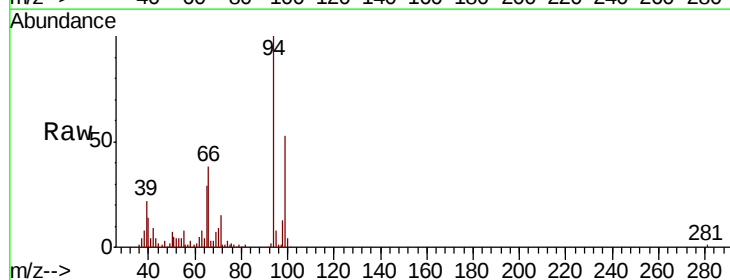
Tgt Ion: 94 Resp: 100659

Ion Ratio Lower Upper

94 100

65 28.6 8.9 48.9

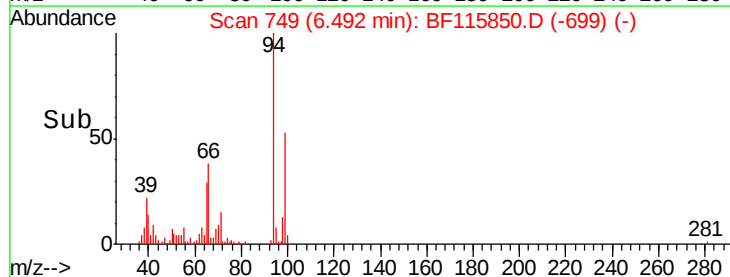
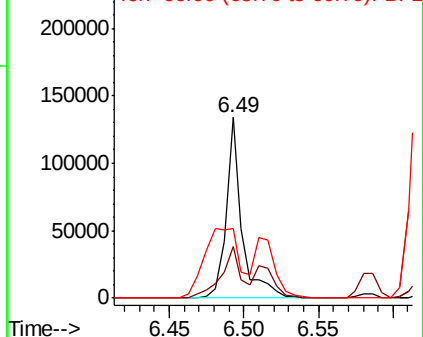
66 38.3 18.0 58.0

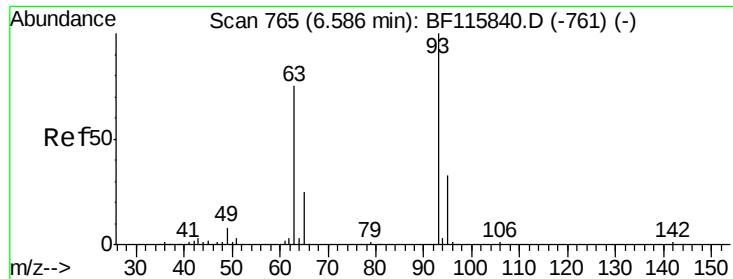


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

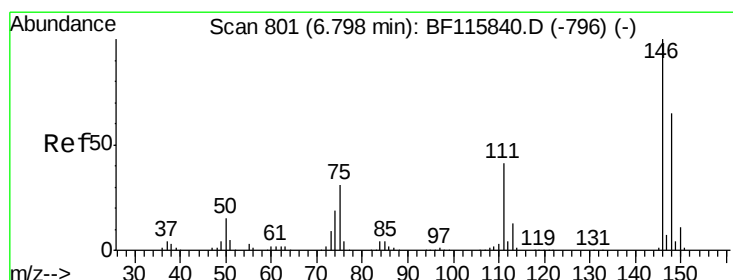
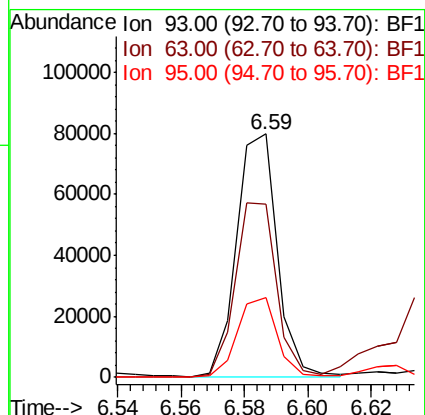
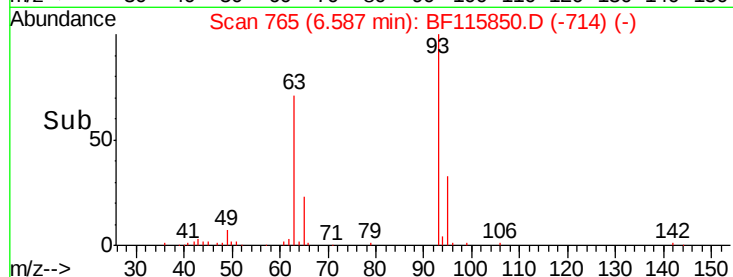
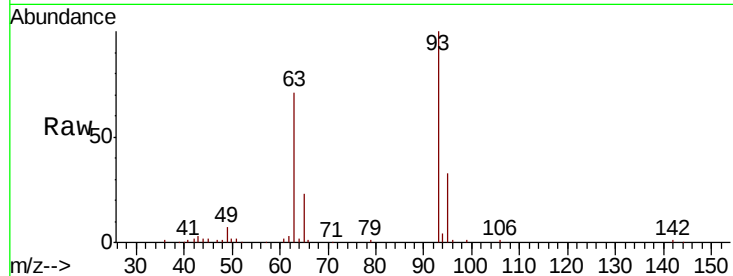




#11
bis(2-Chloroethyl)ether
Concen: 8.188 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

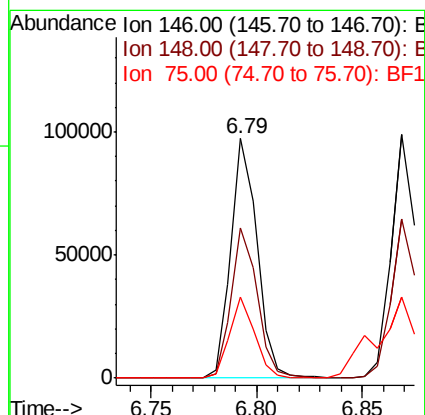
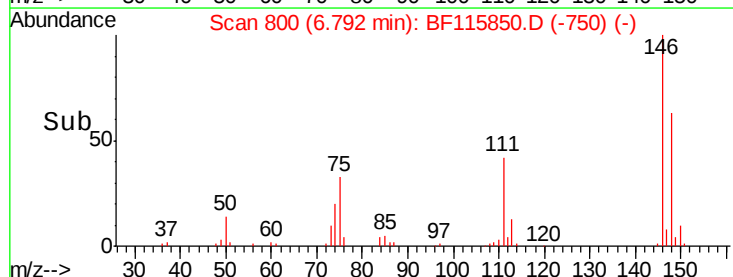
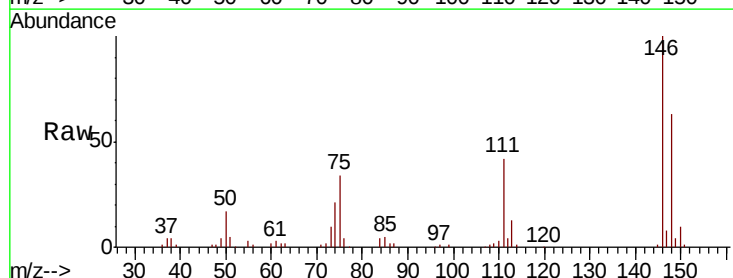
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

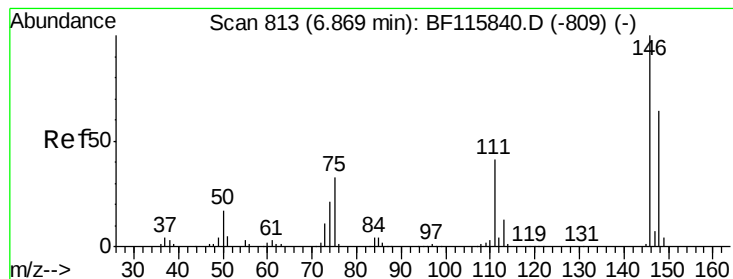
Tot Ion: 93 Resp: 71152
Ion Ratio Lower Upper
93 100
63 71.2 54.9 94.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 8.209 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion: 146 Resp: 83459
Ion Ratio Lower Upper
146 100
148 62.9 52.1 78.1
75 33.7 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 8.203 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

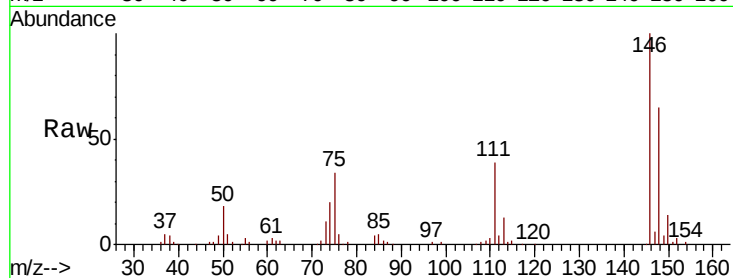
Tot Ion:146 Resp: 83502

Ion Ratio Lower Upper

146 100

148 65.4 51.2 76.8

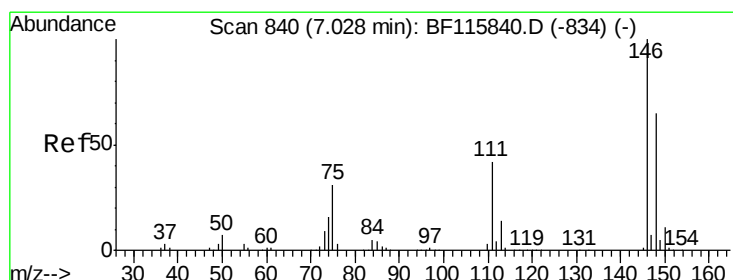
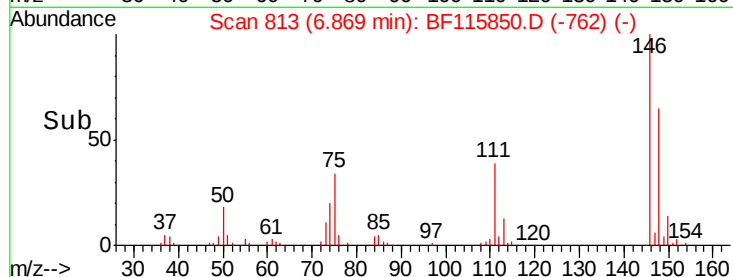
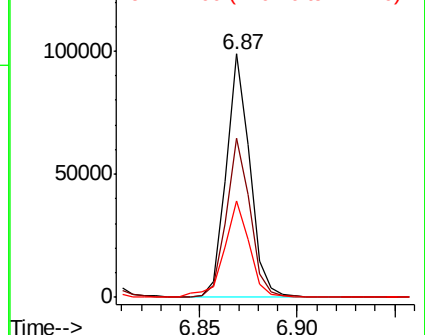
111 39.4 33.2 49.8



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: 8.309 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

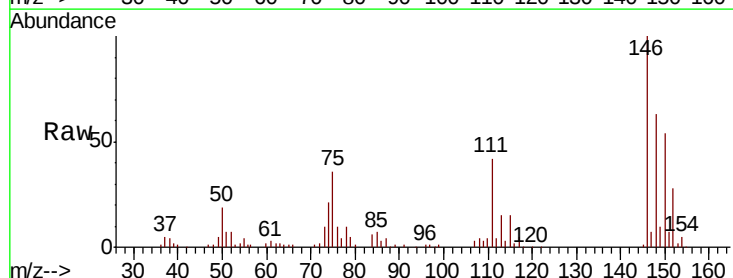
Tgt Ion:146 Resp: 77882

Ion Ratio Lower Upper

146 100

148 62.9 51.6 77.4

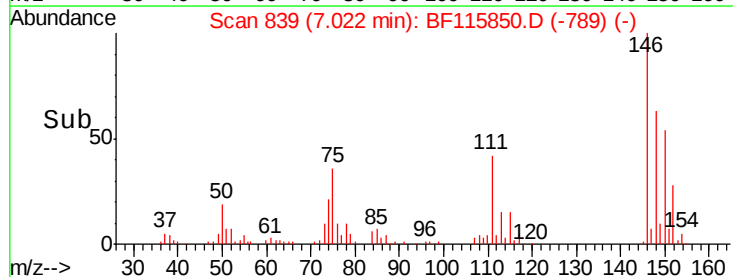
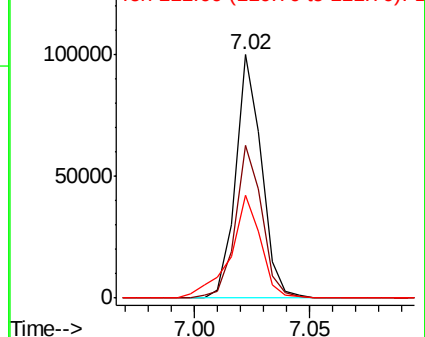
111 42.3 33.6 50.4

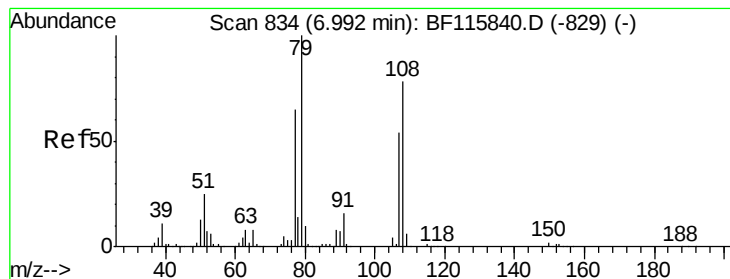


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.127 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

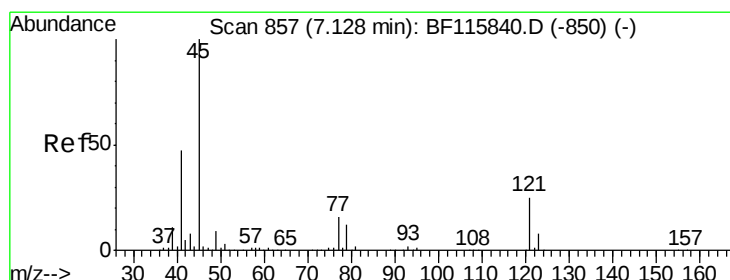
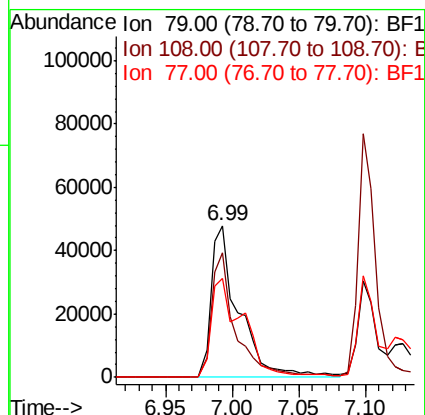
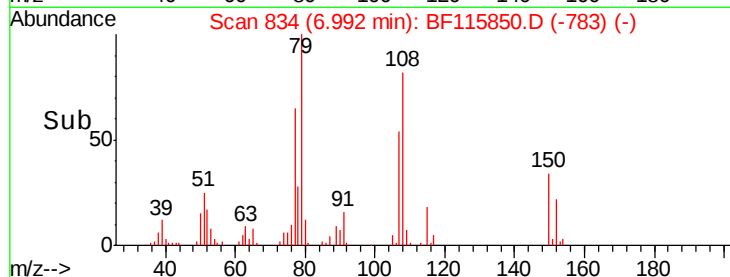
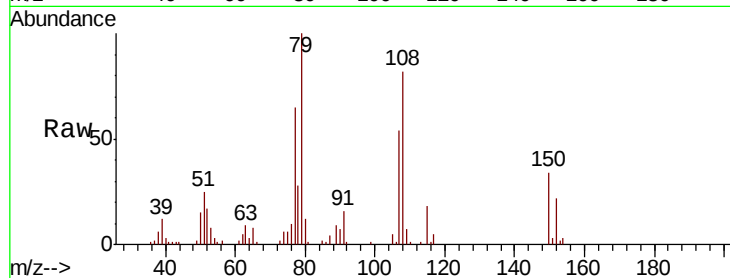
Tot Ion: 79 Resp: 69521

Ion Ratio Lower Upper

79 100

108 82.2 62.8 94.2

77 65.1 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.907 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

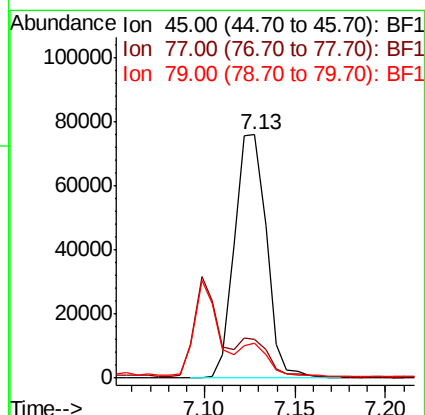
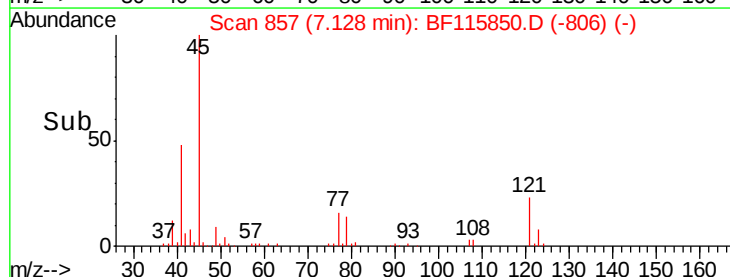
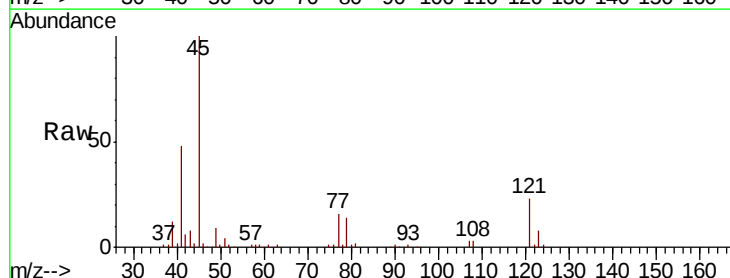
Tgt Ion: 45 Resp: 93721

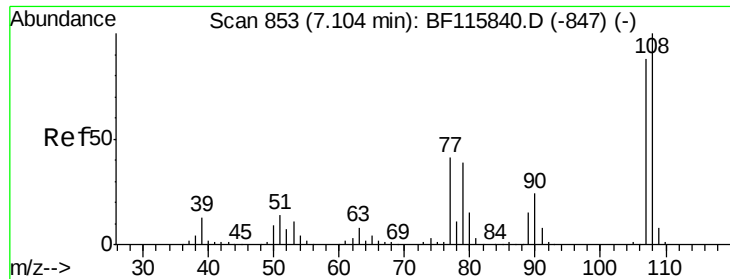
Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.3

79 14.1 0.0 32.5

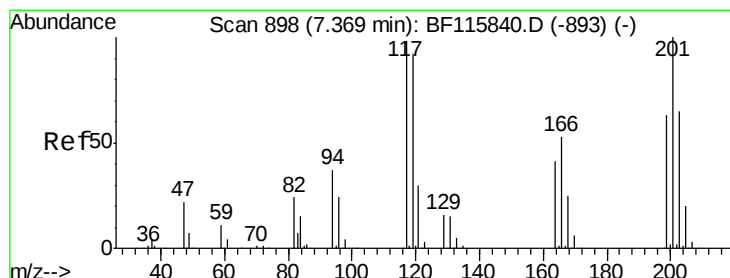
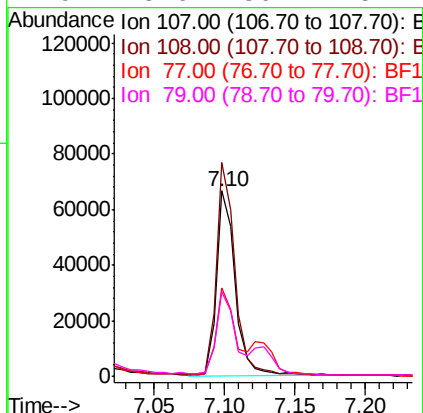
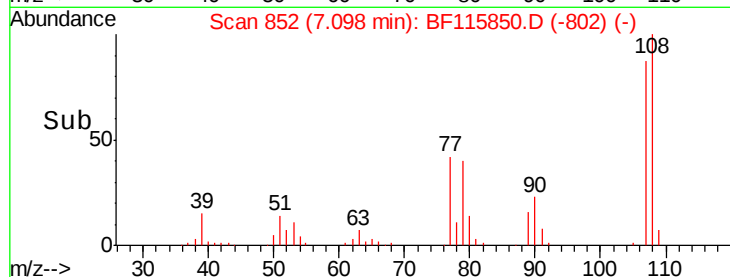
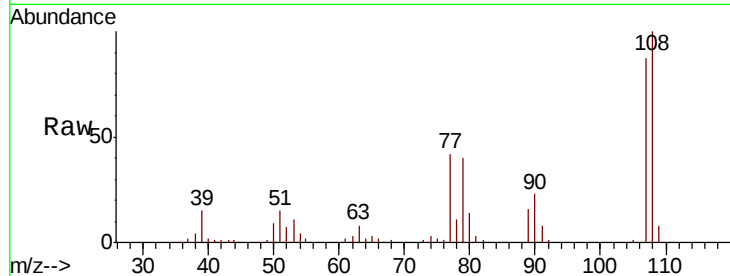




#17
2-Methylphenol
Concen: 8.236 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

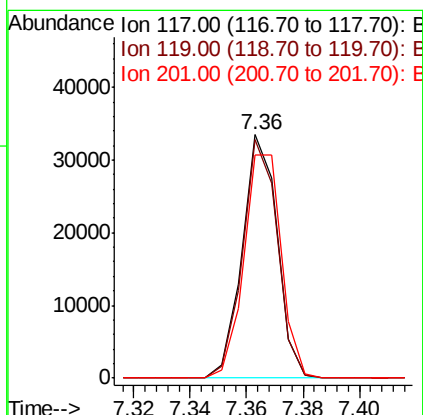
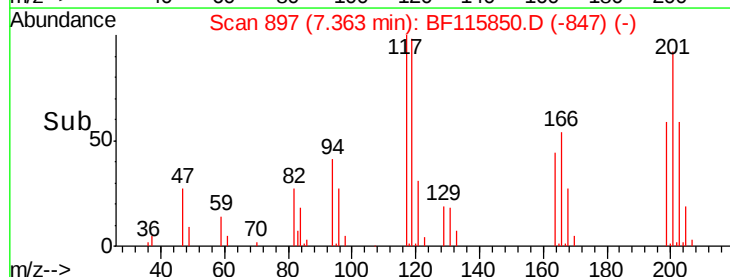
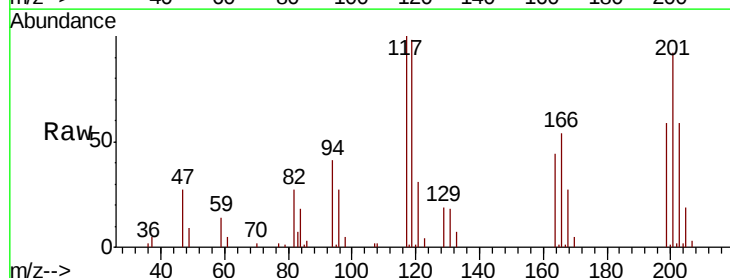
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

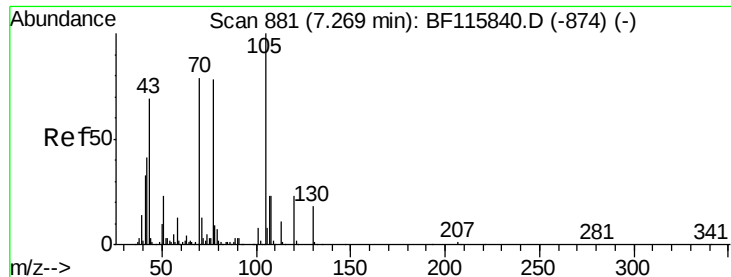
Tot Ion:	107	Resp:	61353
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.4	137.0
77	47.9	37.6	56.4
79	45.6	36.2	54.4



#18
Hexachloroethane
Concen: 7.663 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:	117	Resp:	28720
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.6
201	91.6	82.0	123.0

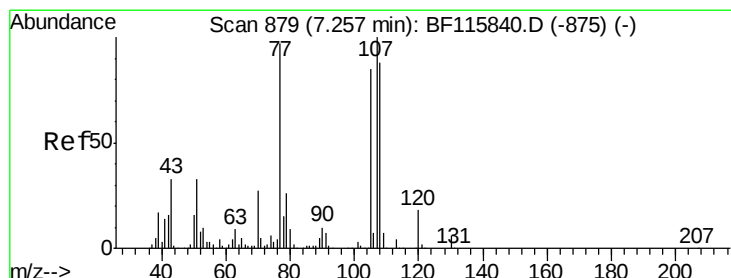
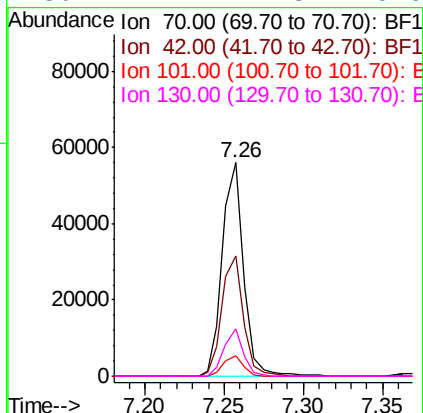
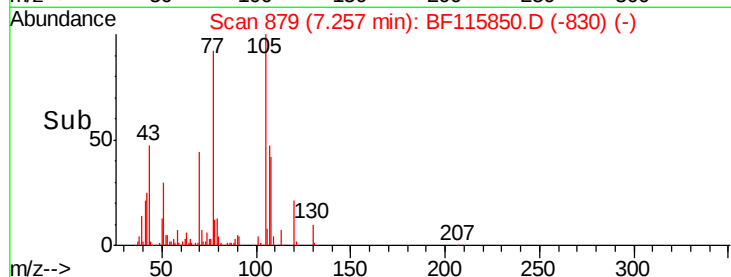
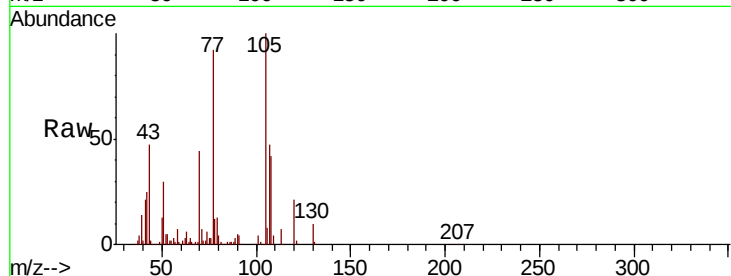




#19
n-Nitroso-di-n-propylamine
Concen: 8.385 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

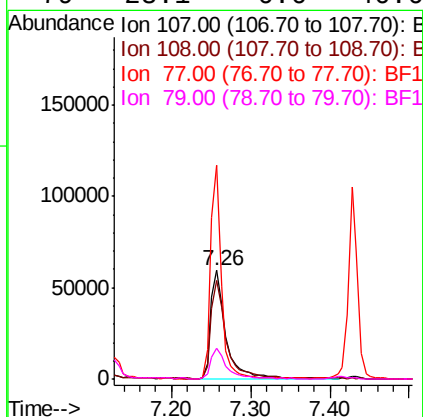
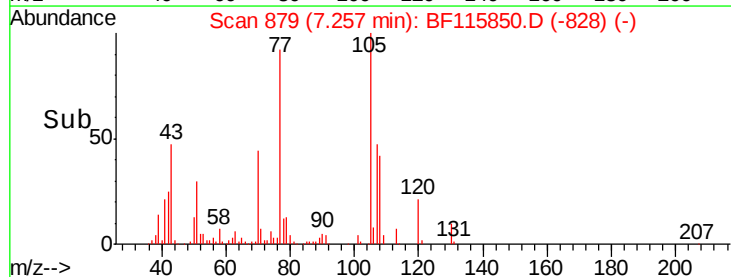
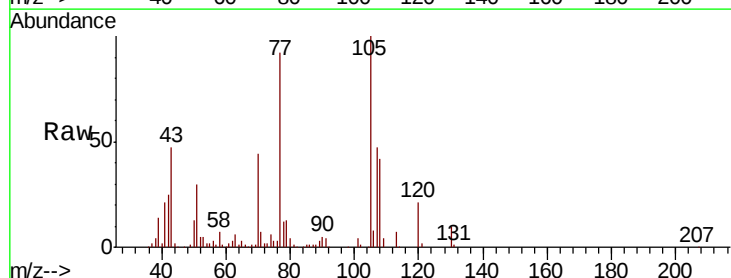
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

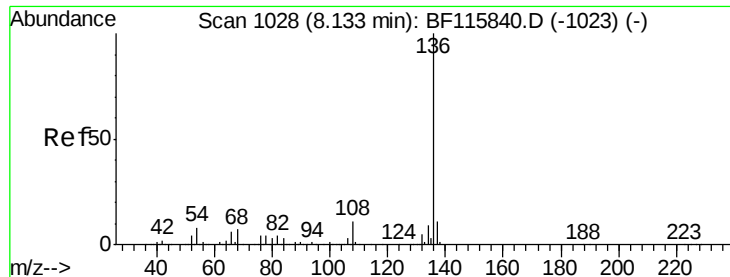
Tot Ion:	70	Resp:	52153
Ion	Ratio	Lower	Upper
70	100		
42	56.5	41.8	62.8
101	9.9	7.7	11.5
130	22.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 9.151 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:	107	Resp:	80666
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.9	107.9
77	197.2	77.3	117.3#
79	28.1	6.6	46.6

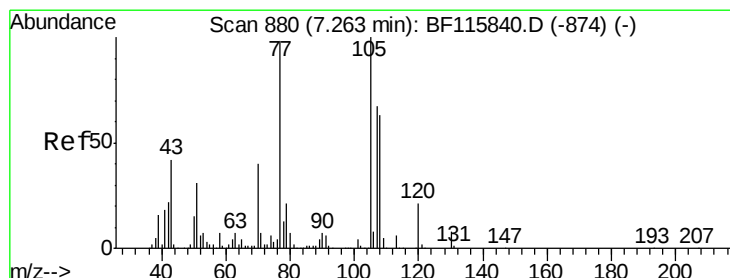
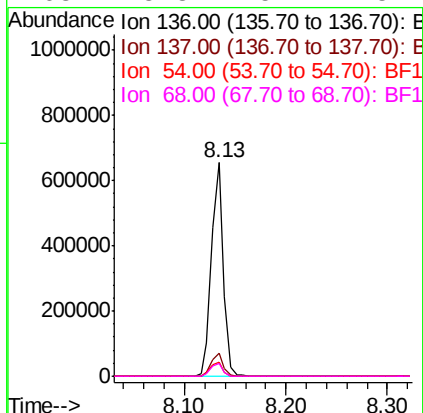
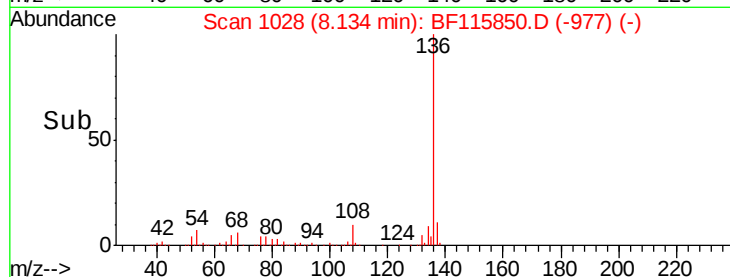
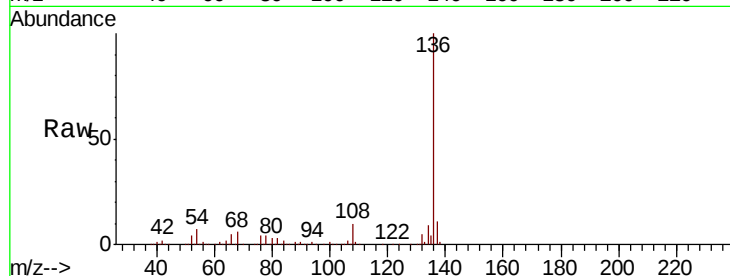




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

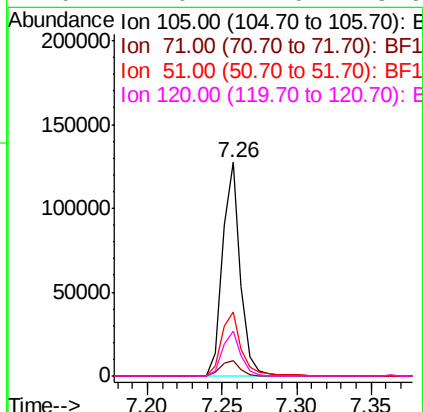
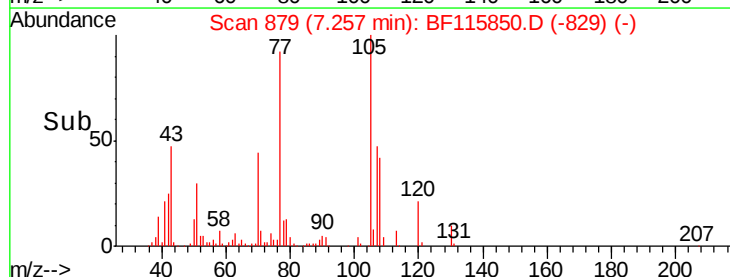
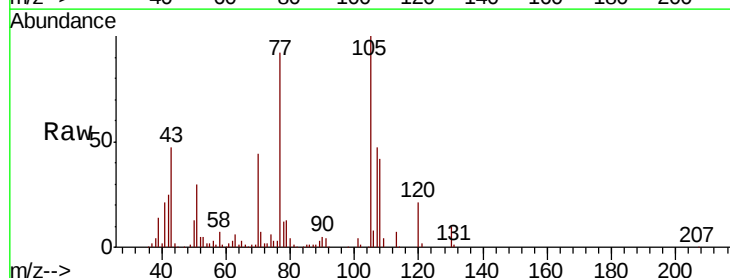
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

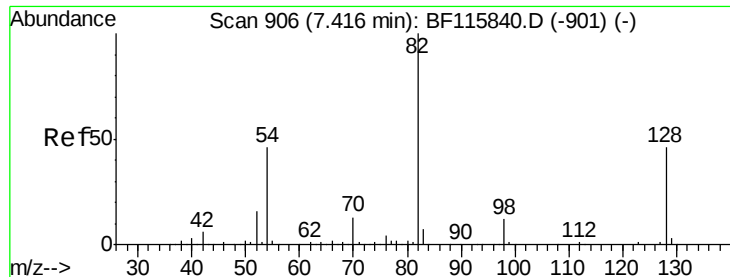
Tot Ion:136	Resp:	533773	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.1	13.7	
54 6.7	6.1	9.1	
68 5.8	5.4	8.2	



#22
Acetophenone
Concen: 9.193 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:105	Resp:	107614	
Ion Ratio	Lower	Upper	
105 100			
71 6.9	5.4	8.0	
51 29.8	24.6	36.8	
120 21.0	17.0	25.6	

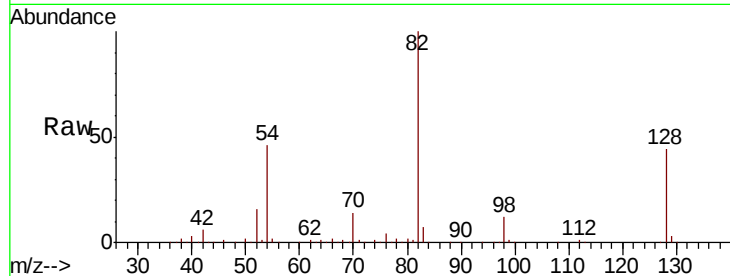




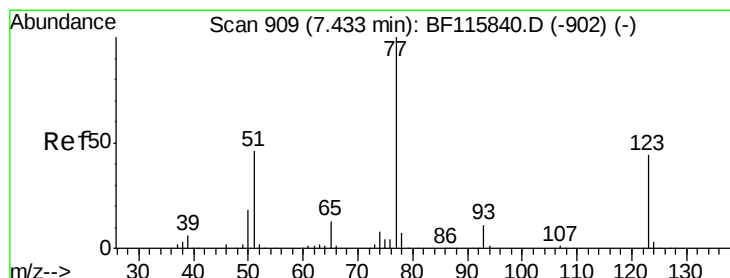
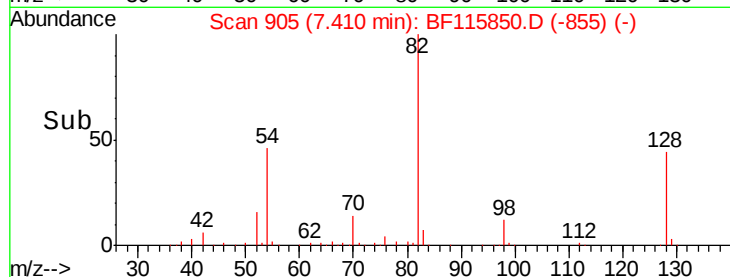
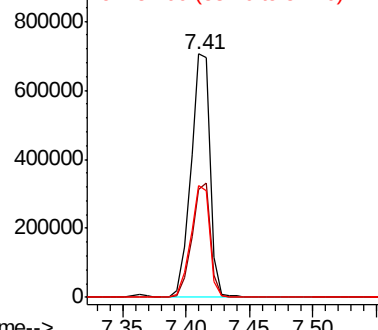
#23
Nitrobenzene-d5
Concen: 80.785 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 82 Resp: 747034
Ion Ratio Lower Upper
82 100
128 44.4 36.6 55.0
54 46.0 36.6 55.0

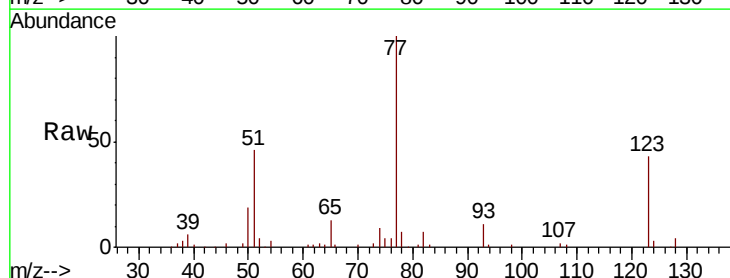


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

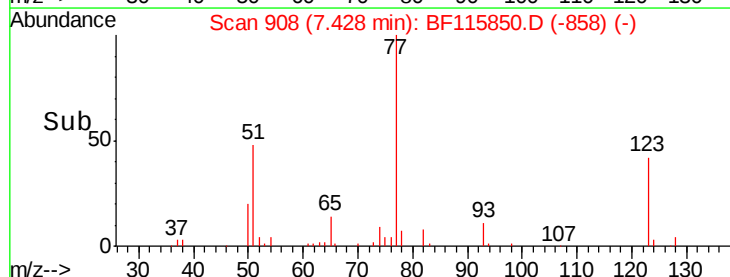
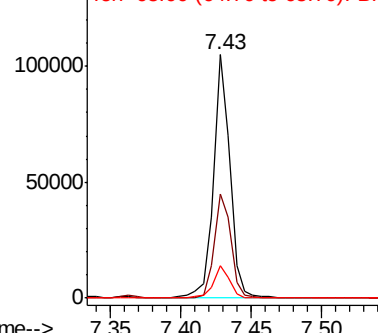


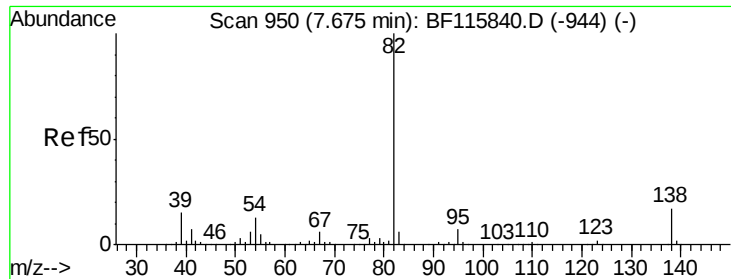
#24
Nitrobenzene
Concen: 8.605 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion: 77 Resp: 85916
Ion Ratio Lower Upper
77 100
123 42.8 35.5 53.3
65 13.1 10.6 15.8



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





#25

Isophorone

Concen: 8.173 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

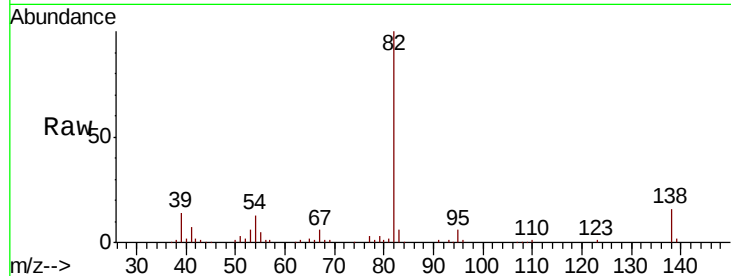
Tot Ion: 82 Resp: 144512

Ion Ratio Lower Upper

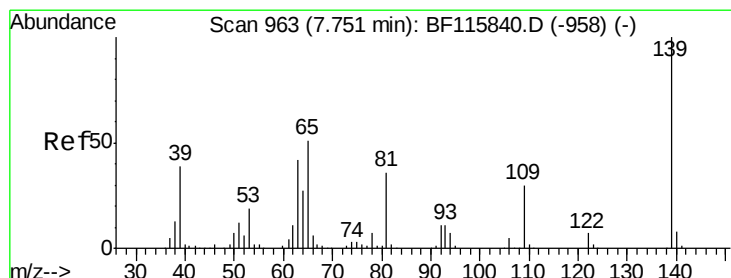
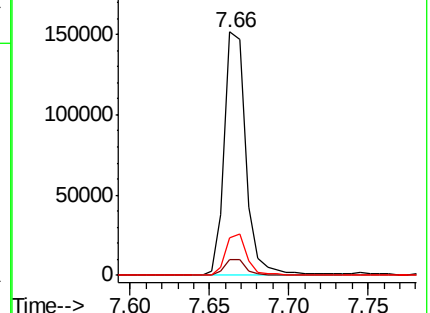
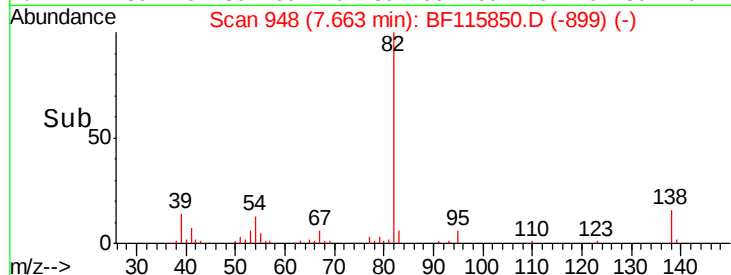
82 100

95 6.3 5.5 8.3

138 15.6 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: 7.578 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

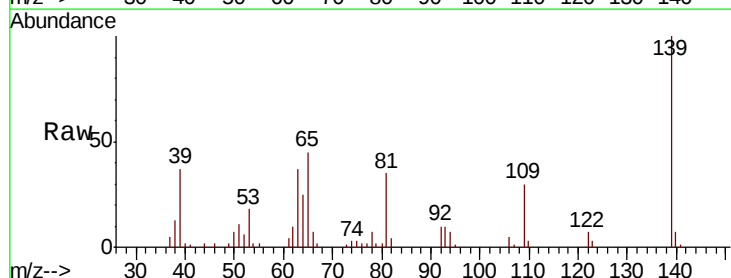
Tgt Ion: 139 Resp: 35667

Ion Ratio Lower Upper

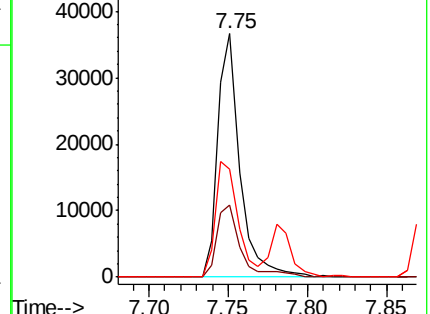
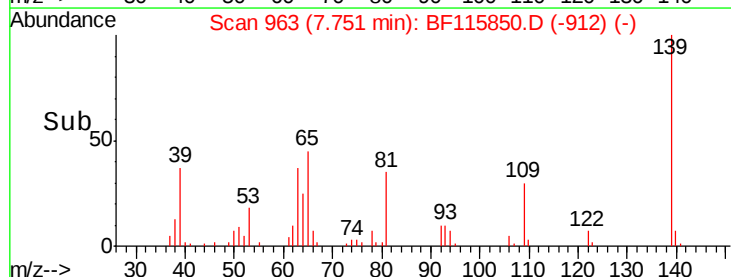
139 100

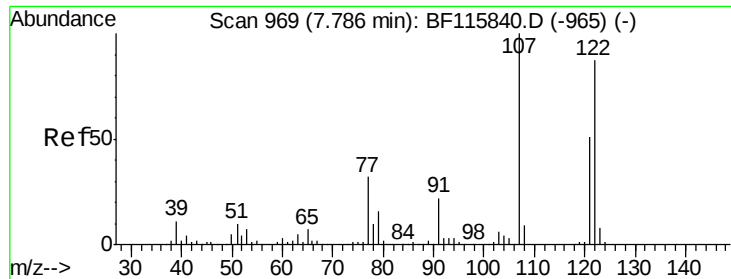
109 29.7 23.6 35.4

65 44.5 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

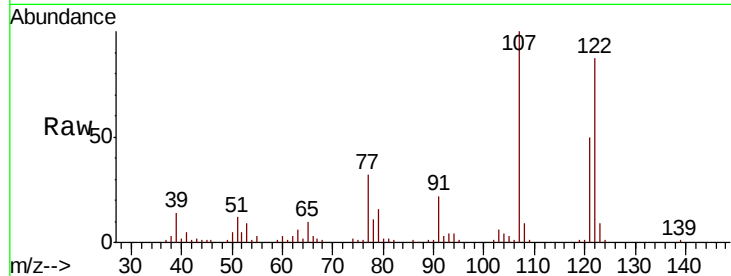




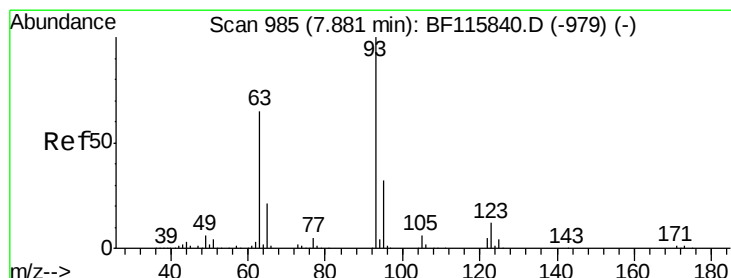
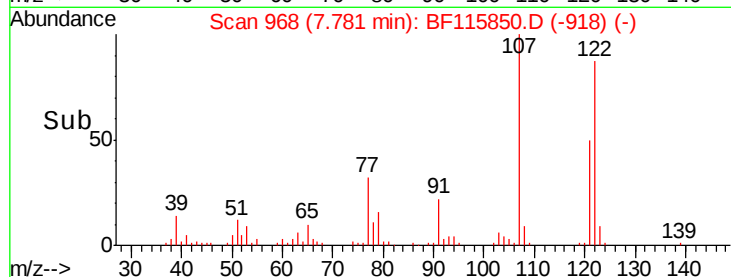
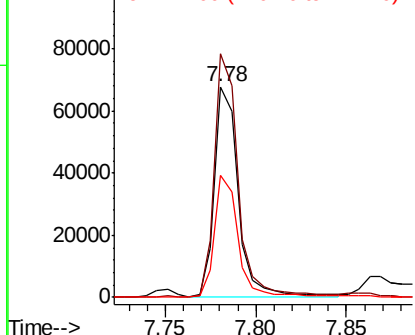
#27
2,4-Dimethylphenol
Concen: 8.771 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:122 Resp: 62109
Ion Ratio Lower Upper
122 100
107 115.5 91.7 137.5
121 57.9 46.6 70.0

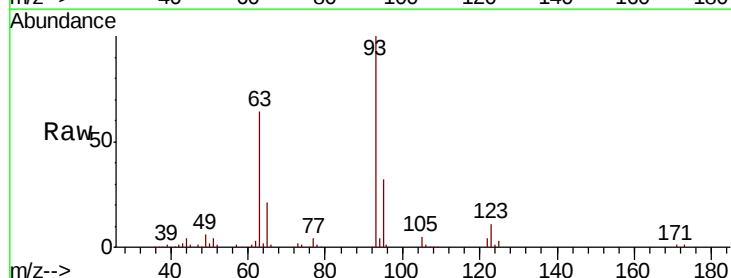


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

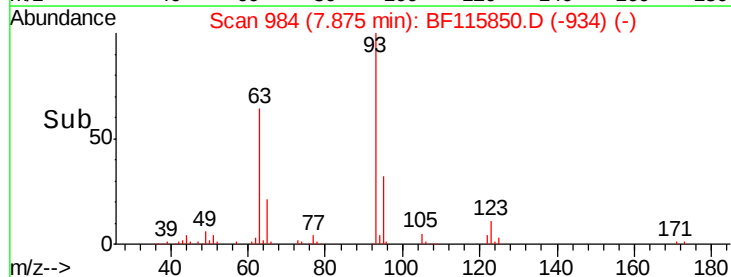
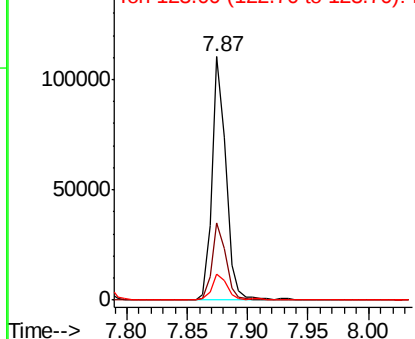


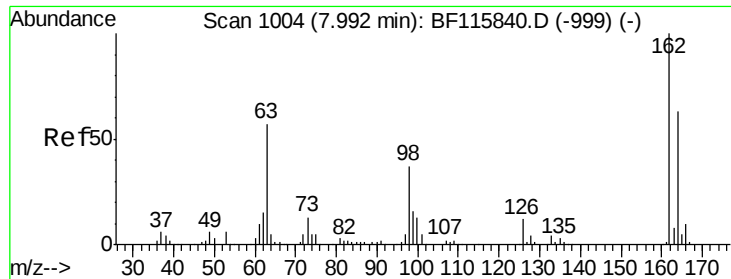
#28
bis(2-Chloroethoxy)methane
Concen: 8.009 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion: 93 Resp: 87773
Ion Ratio Lower Upper
93 100
95 31.5 26.0 39.0
123 10.7 9.5 14.3



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

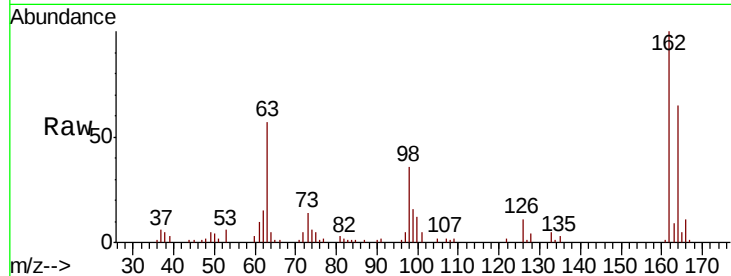




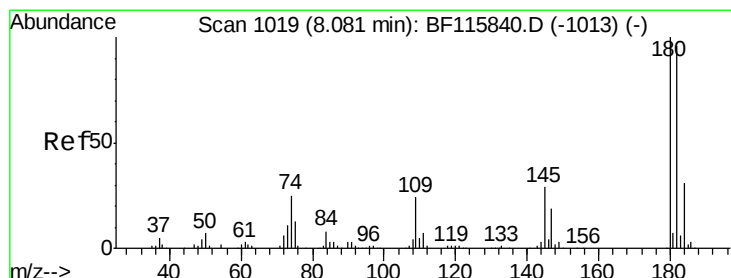
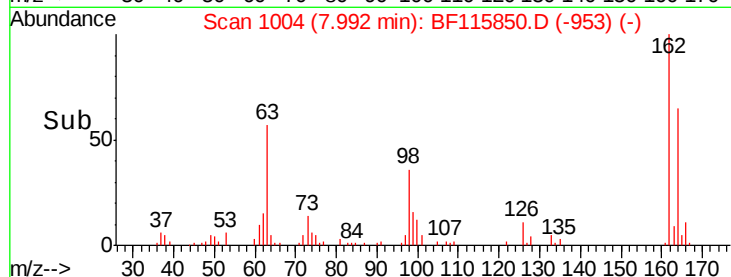
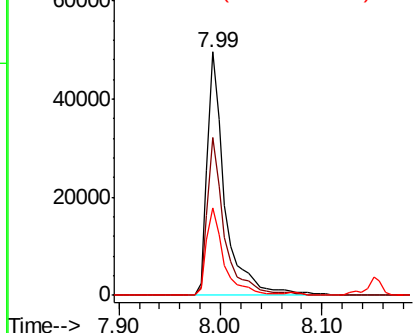
#29
 2,4-Dichlorophenol
 Concen: 8.054 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:162 Resp: 60215
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.2 83.2
 98 36.0 17.3 57.3

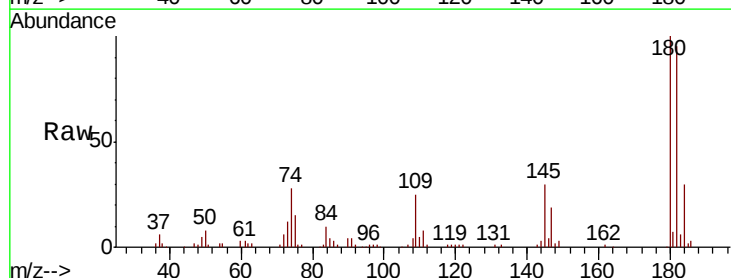


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

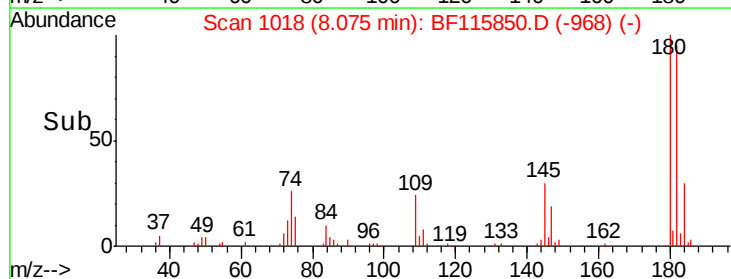
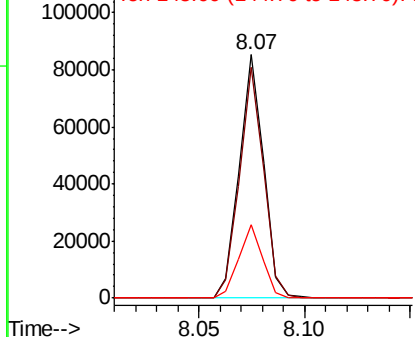


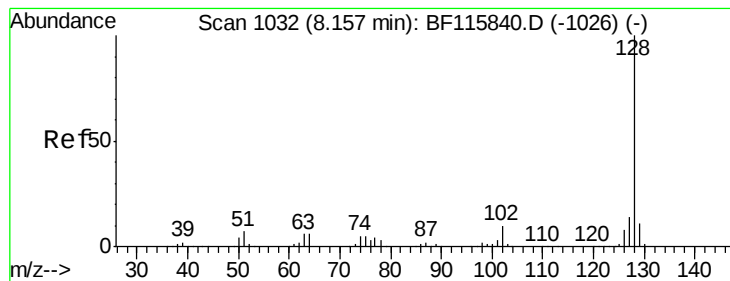
#30
 1,2,4-Trichlorobenzene
 Concen: 7.962 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion:180 Resp: 67858
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 145 30.2 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: 8.908 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

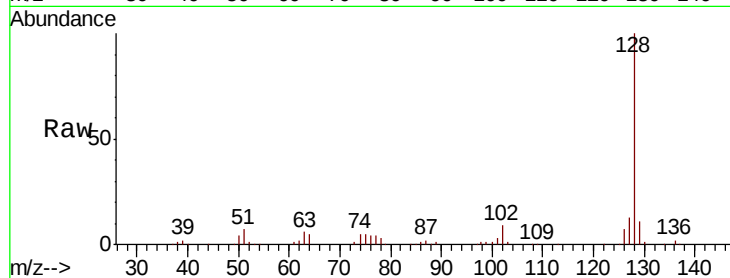
Tot Ion:128 Resp: 223762

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

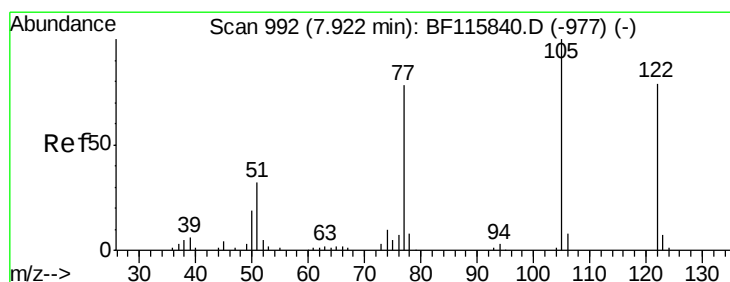
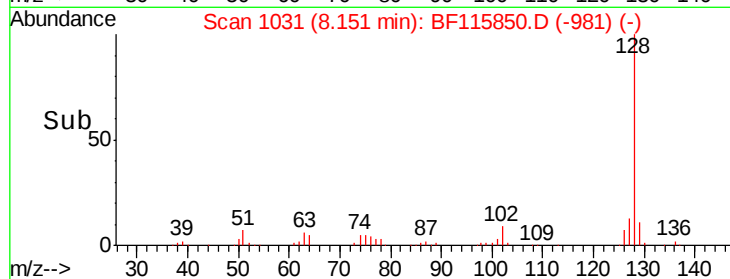
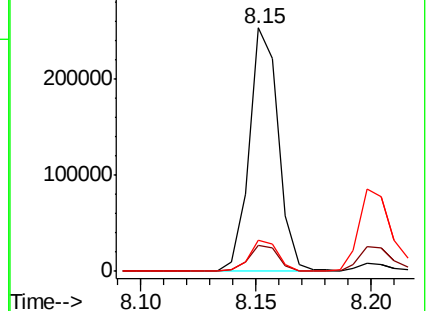
127 12.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.974 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

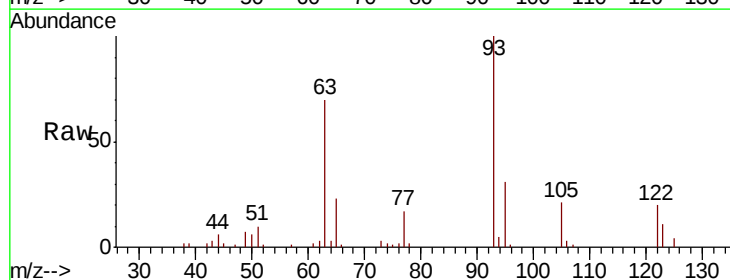
Tgt Ion:122 Resp: 19842

Ion Ratio Lower Upper

122 100

105 106.9 103.1 143.1

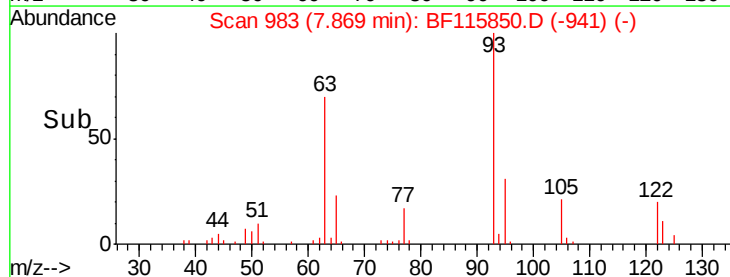
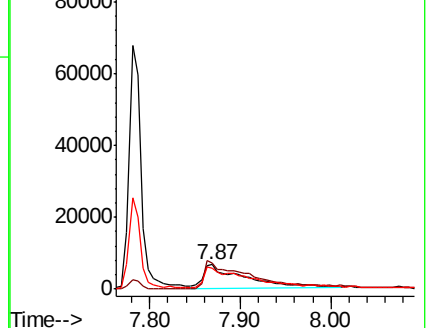
77 86.0 76.8 116.8

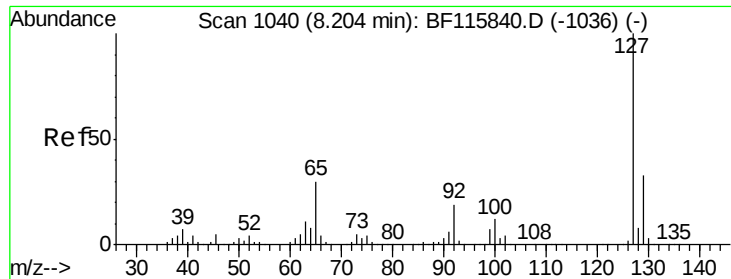


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

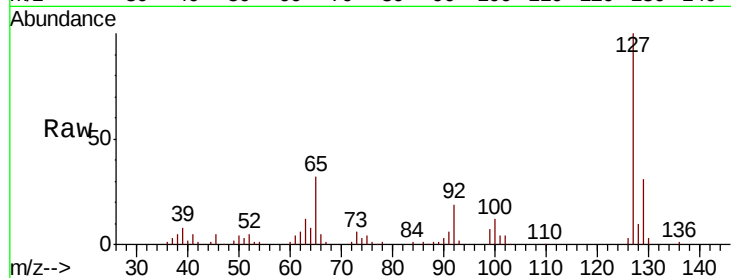




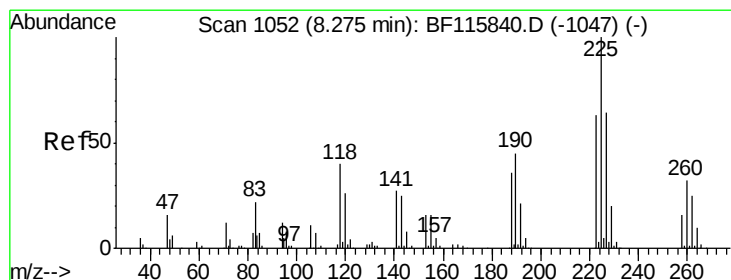
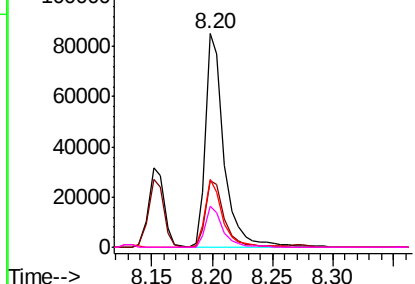
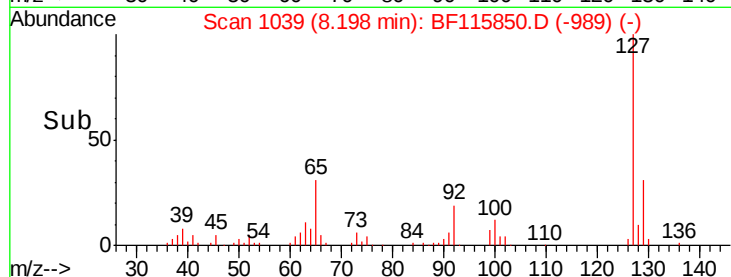
#33
4-Chloroaniline
Concen: 8.099 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:127	Resp:	90890
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.0 39.0
65	31.9	23.9 35.9
92	18.9	14.9 22.3

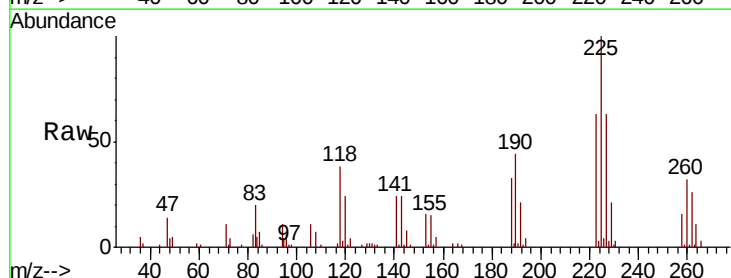


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

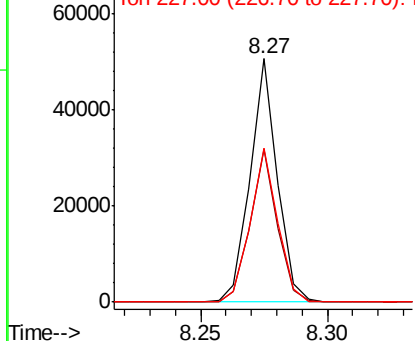
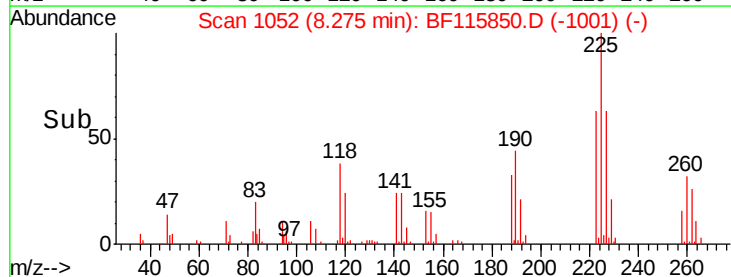


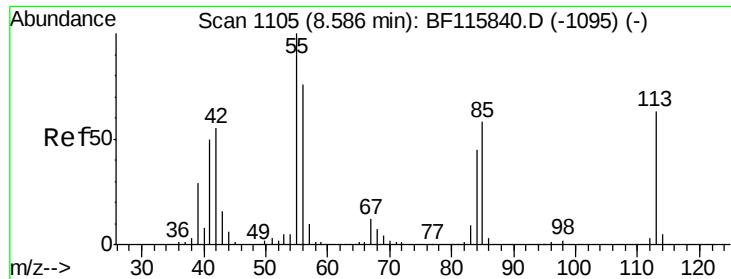
#34
Hexachlorobutadiene
Concen: 7.668 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:225	Resp:	37641
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.4 75.6
227	63.2	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

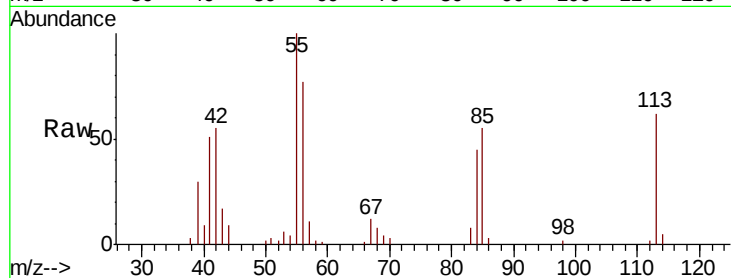




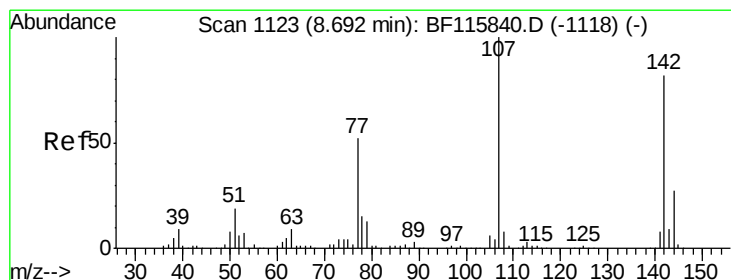
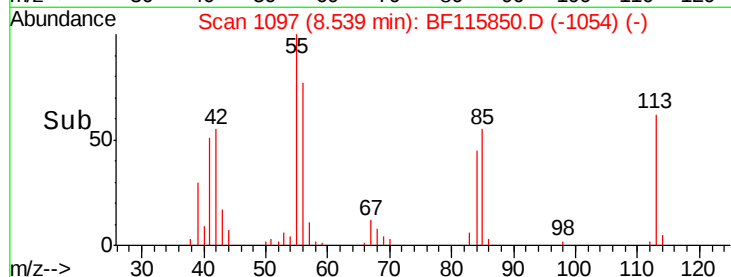
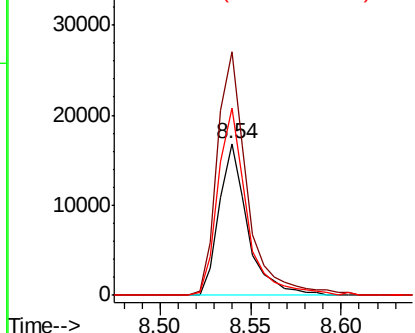
#35
Caprolactam
Concen: 7.607 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:113 Resp: 18394
Ion Ratio Lower Upper
113 100
55 160.2 138.1 178.1
56 123.3 100.6 140.6

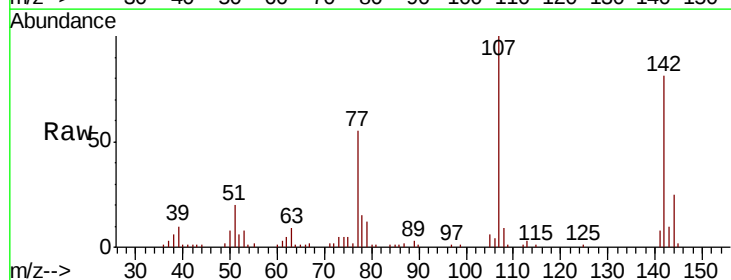


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

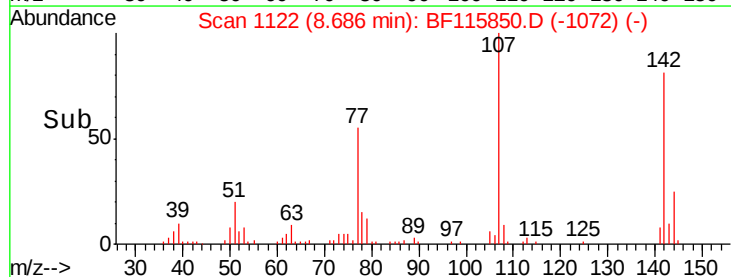
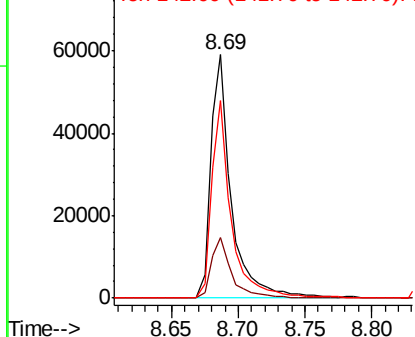


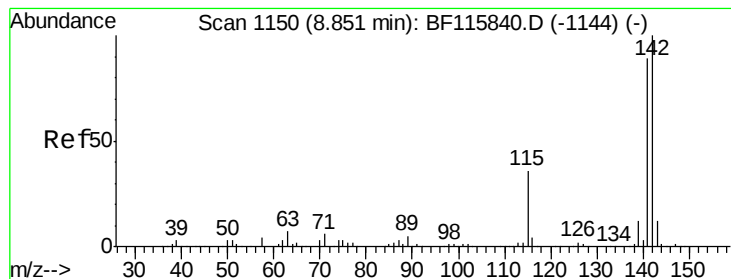
#36
4-Chloro-3-methylphenol
Concen: 8.136 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:107 Resp: 63284
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 81.0 65.5 98.3



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





#37

2-Methylnaphthalene

Concen: 8.865 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

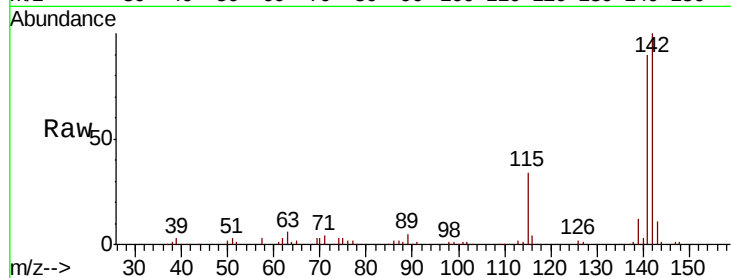
Tot Ion:142 Resp: 146657

Ion Ratio Lower Upper

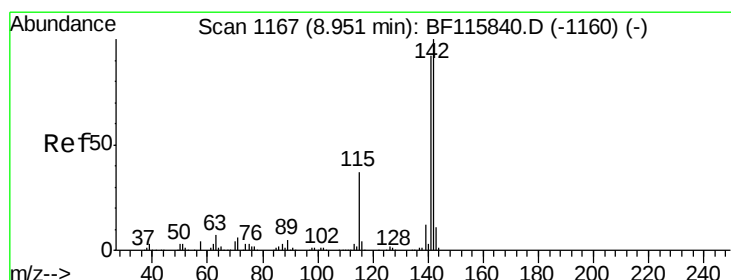
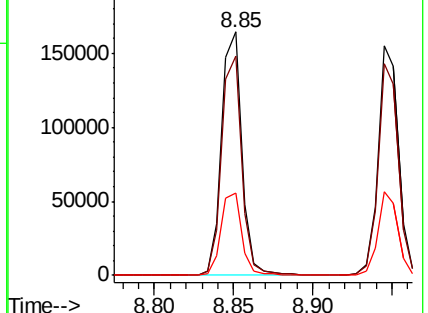
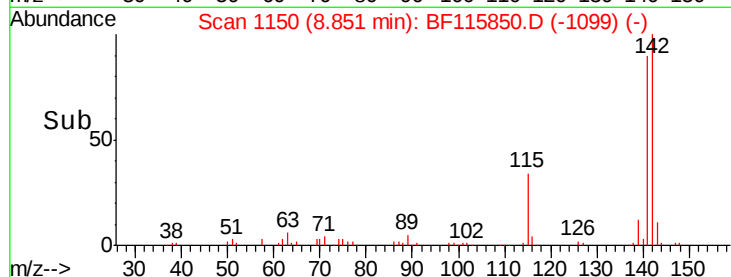
142 100

141 90.0 71.4 107.2

115 33.9 28.9 43.3



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



#38

1-Methylnaphthalene

Concen: 8.825 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

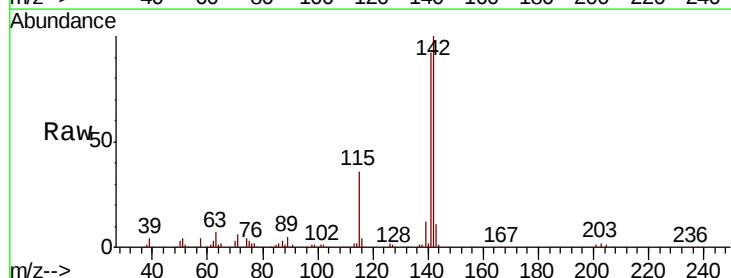
Tgt Ion:142 Resp: 138115

Ion Ratio Lower Upper

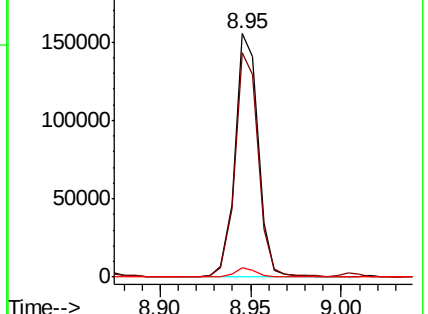
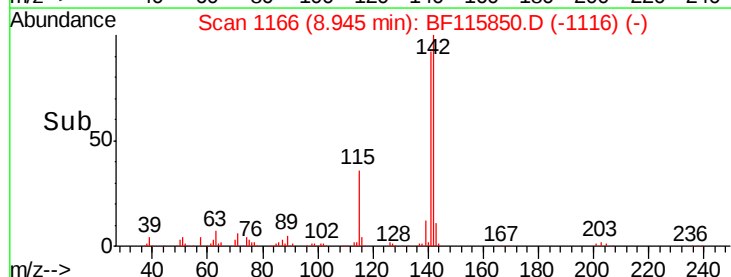
142 100

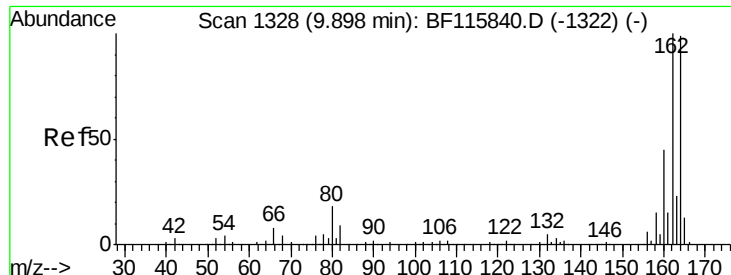
141 92.1 73.8 110.6

116 3.9 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

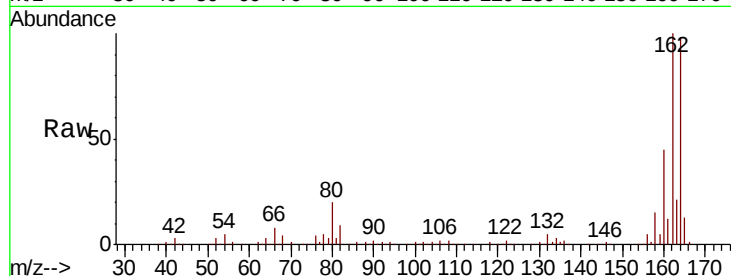




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	45.7	36.2	54.4

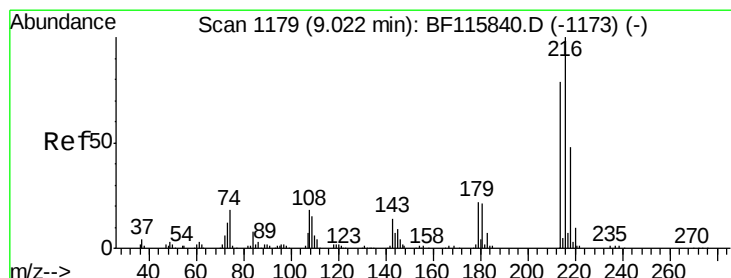
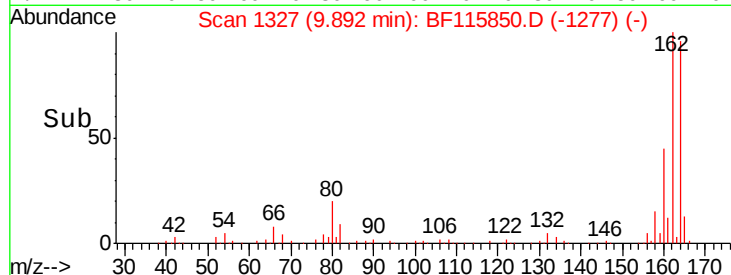
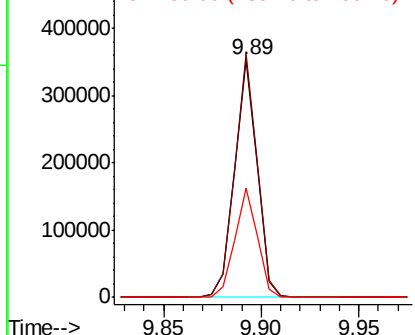


Abundance

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: 8.518 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.8	94.2
179	22.2	17.6	26.4
108	20.3	16.1	24.1

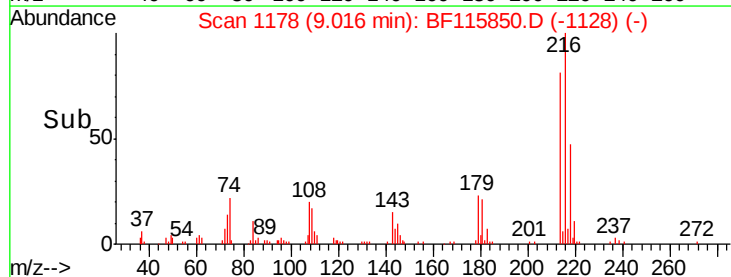
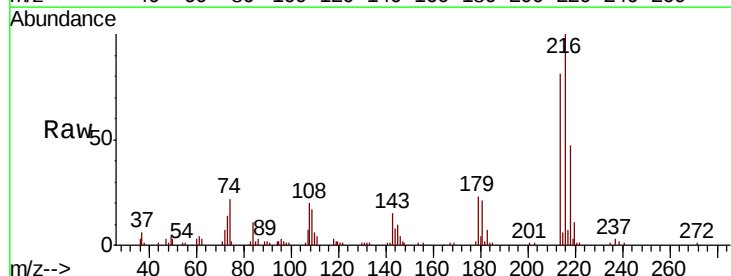
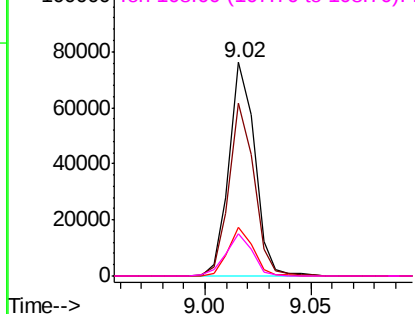
Abundance

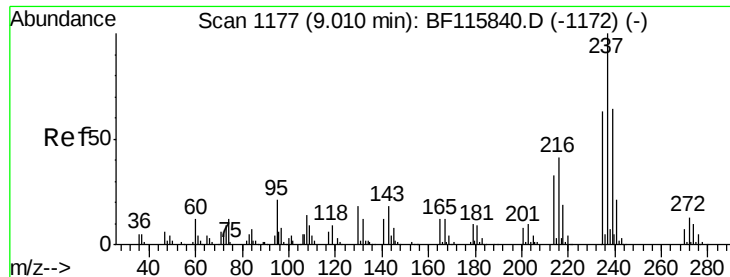
Ion 216.00 (215.70 to 216.70): E

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: 4.183 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

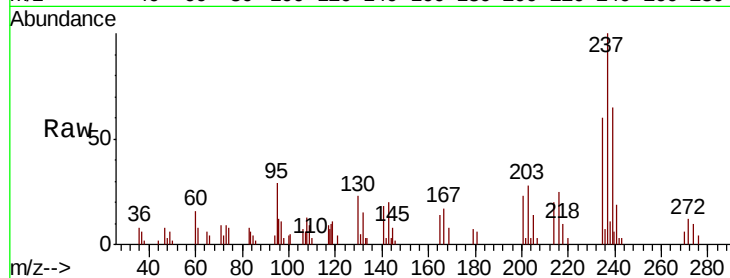
Tot Ion:237 Resp: 12344

Ion Ratio Lower Upper

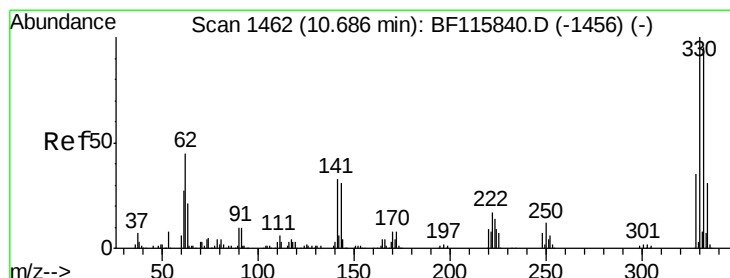
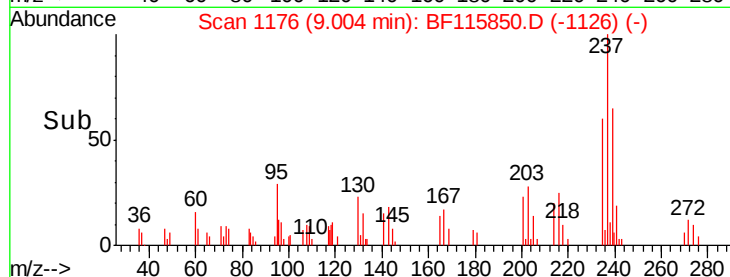
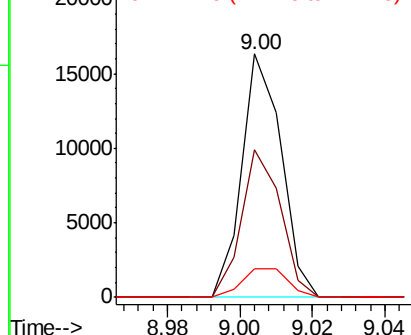
237 100

235 60.5 42.5 82.5

272 12.0 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: 101.004 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

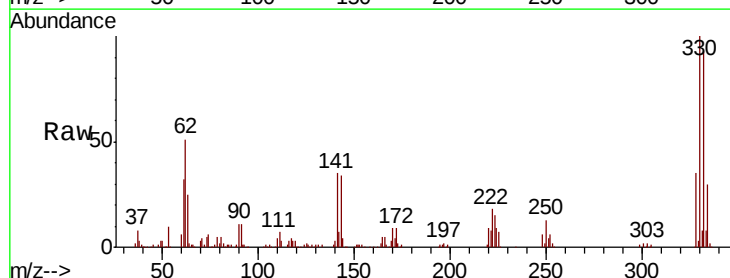
Tgt Ion:330 Resp: 276540

Ion Ratio Lower Upper

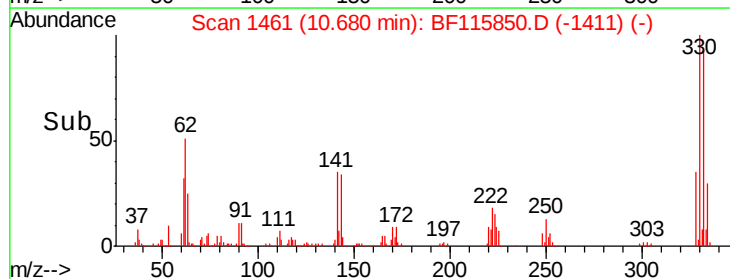
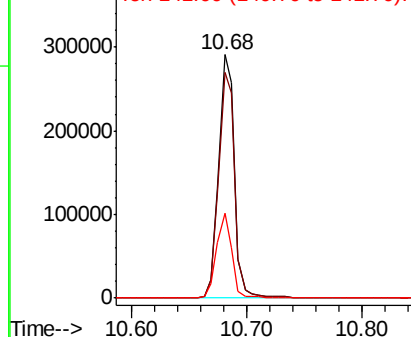
330 100

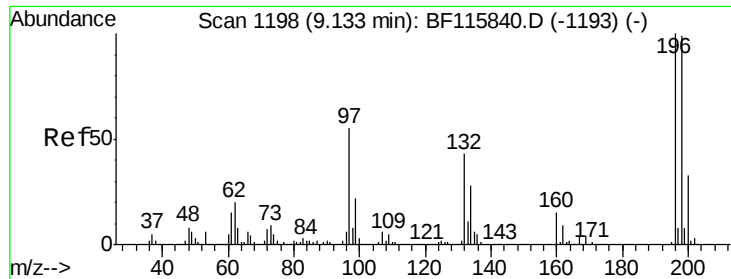
332 94.6 77.7 116.5

141 33.7 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

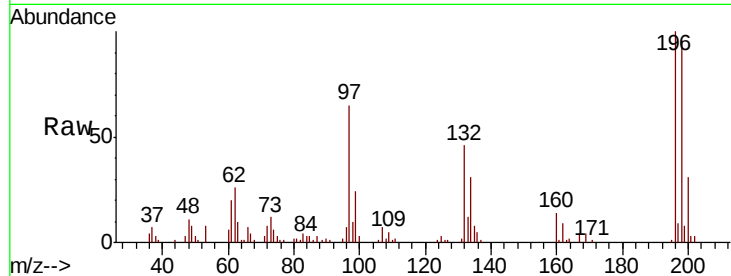




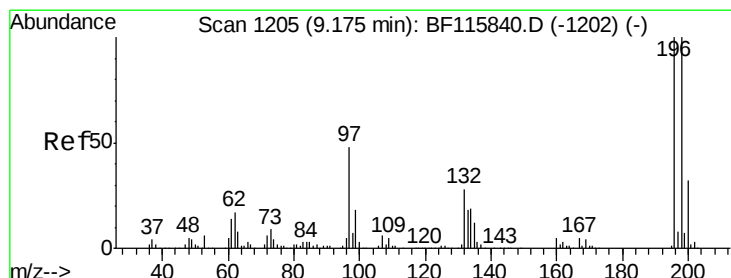
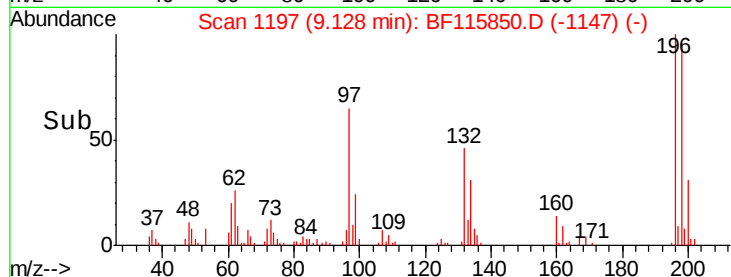
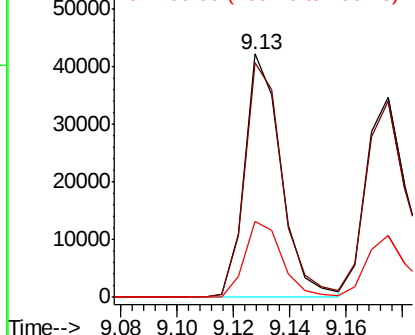
#43
 2,4,6-Trichlorophenol
 Concen: 7.322 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:196 Resp: 38051
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.1 118.7
 200 31.4 26.0 39.0



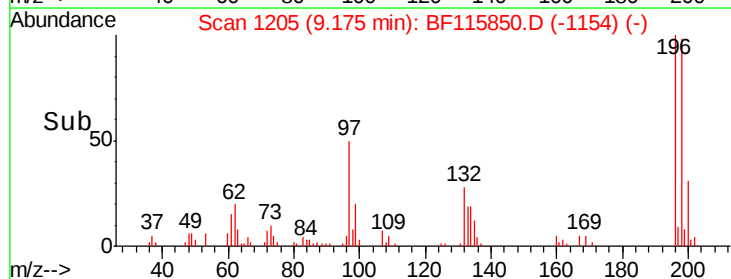
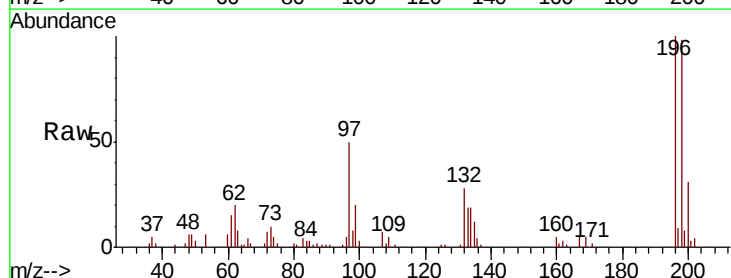
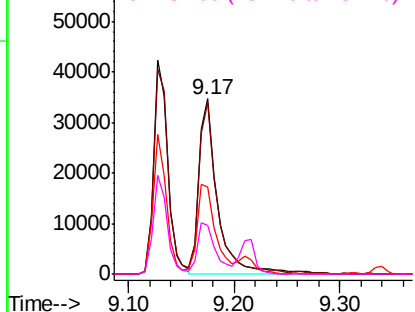
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

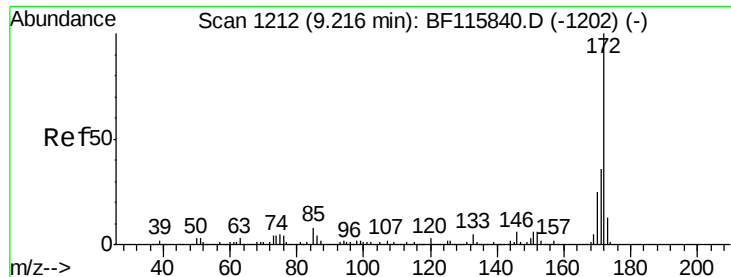


#44
 2,4,5-Trichlorophenol
 Concen: 7.889 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion:196 Resp: 42377
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.1 120.1
 97 49.6 38.9 58.3
 132 28.0 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

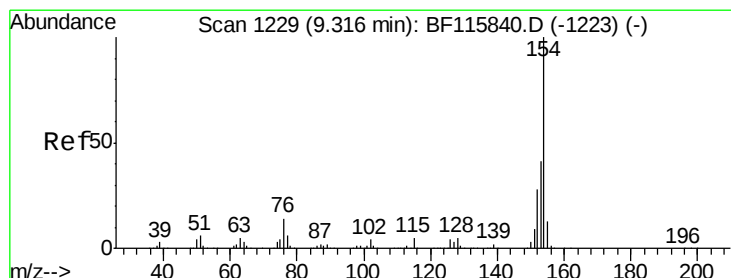
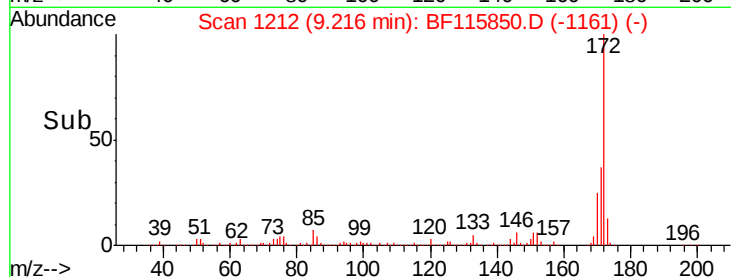
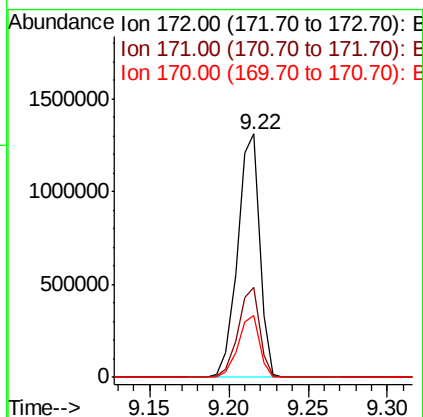
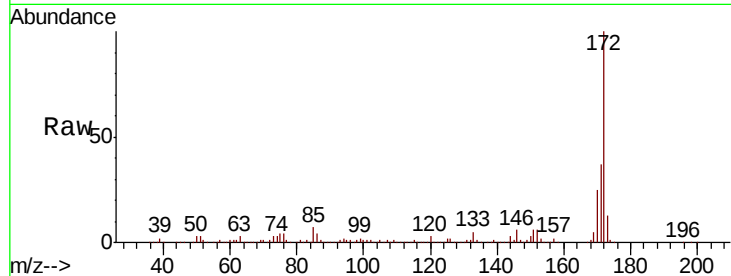




#45
2-Fluorobiphenyl
Concen: 83.987 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

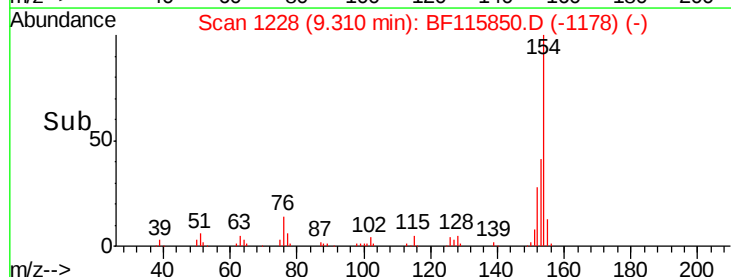
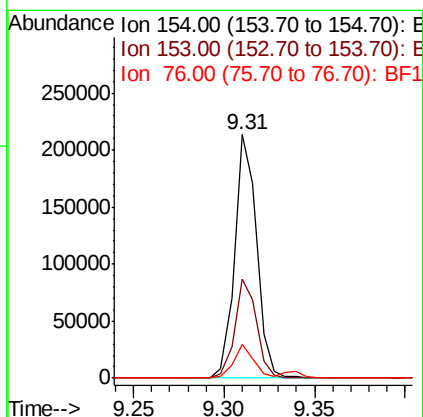
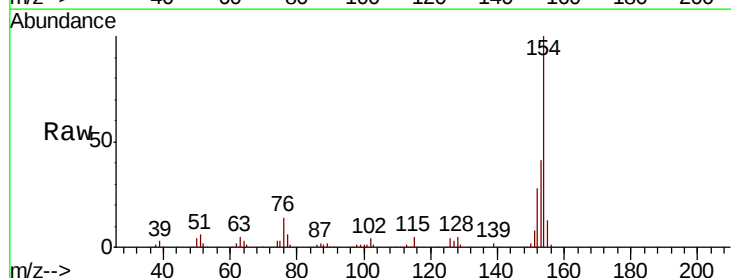
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

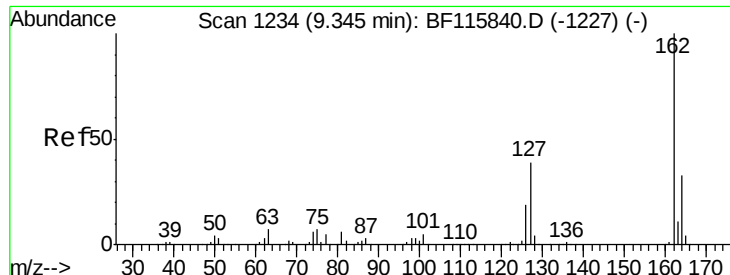
Tot Ion:172 Resp: 1266242
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 9.082 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:154 Resp: 181076
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 13.6 0.0 34.3

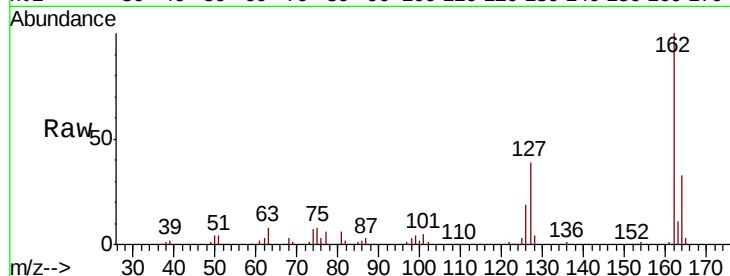




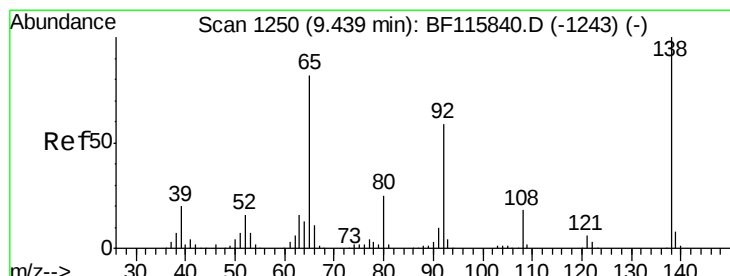
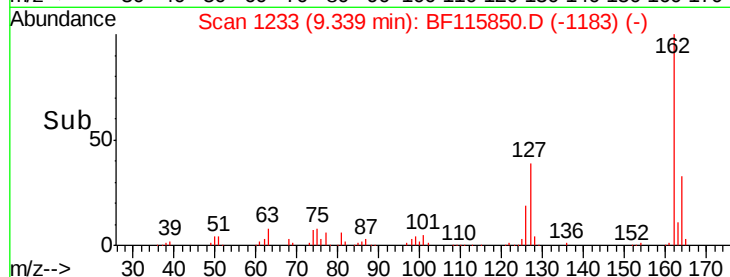
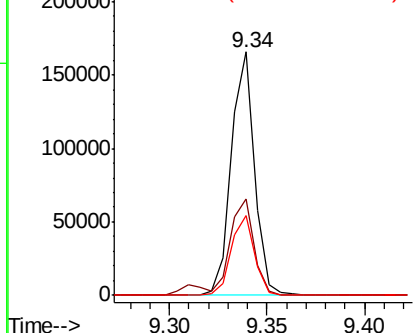
#47
2-Chloronaphthalene
Concen: 8.257 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:162 Resp: 137006
Ion Ratio Lower Upper
162 100
127 39.5 31.3 46.9
164 32.8 26.6 40.0

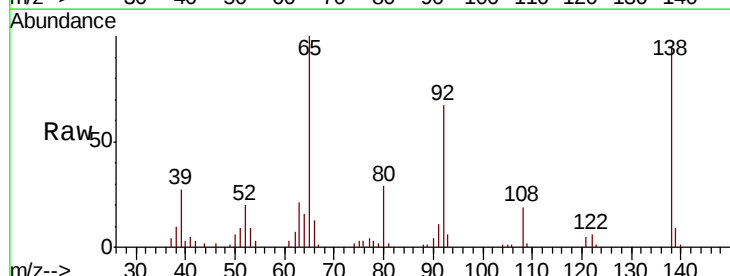


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

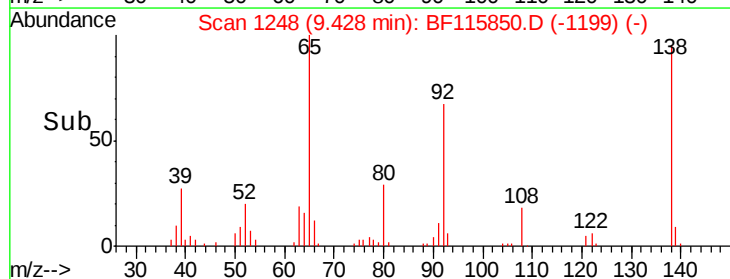
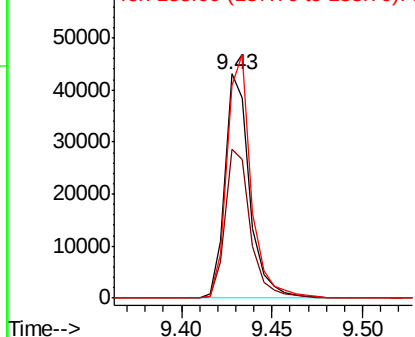


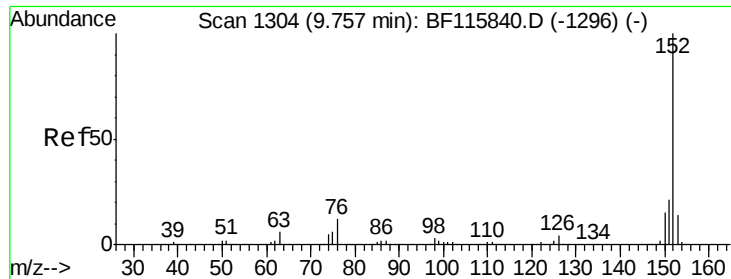
#48
2-Nitroaniline
Concen: 7.434 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion: 65 Resp: 40772
Ion Ratio Lower Upper
65 100
92 66.7 57.1 85.7
138 94.9 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): E





#49

Acenaphthylene

Concen: 8.942 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

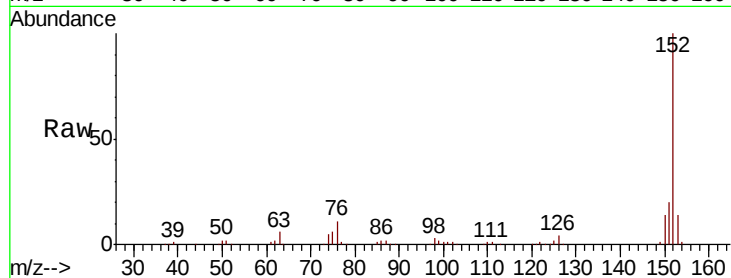
Tot Ion:152 Resp: 216464

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

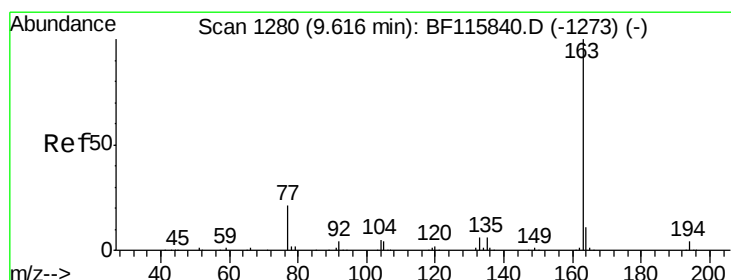
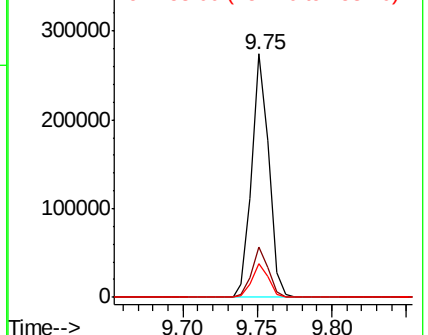
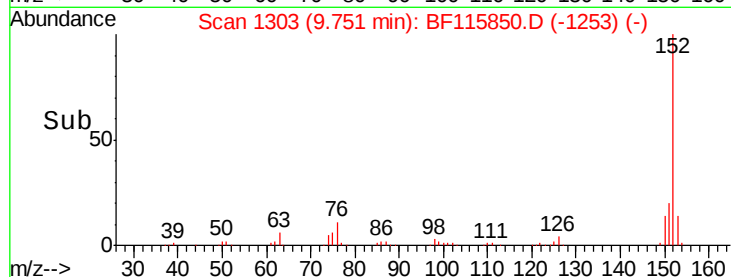
153 13.7 11.6 17.4



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: 7.800 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

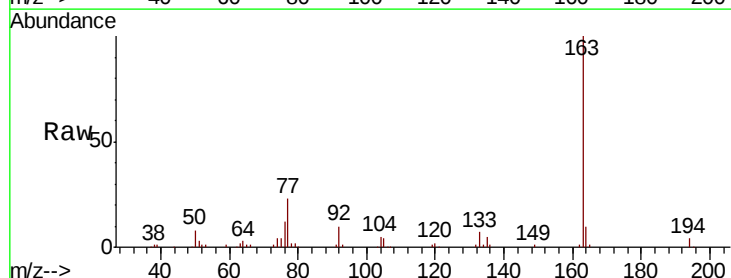
Tgt Ion:163 Resp: 149984

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

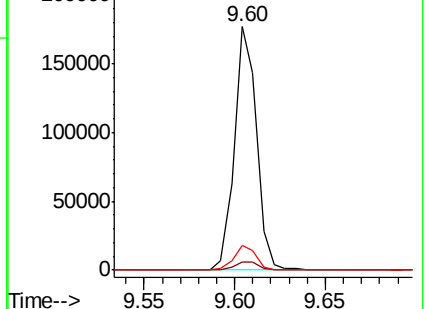
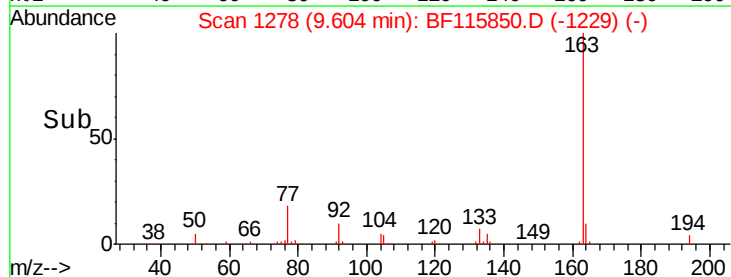
164 10.1 8.4 12.6

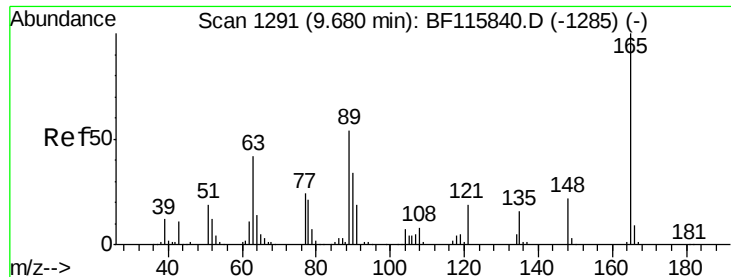


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.853 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

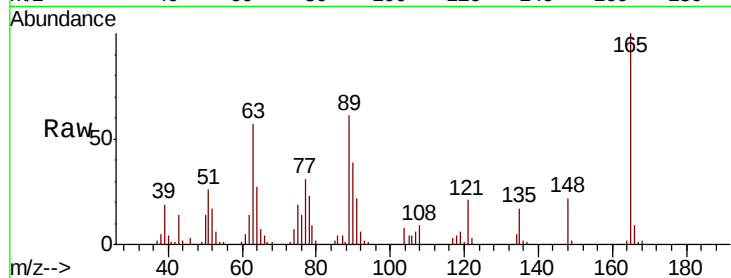
Tot Ion:165 Resp: 32813

Ion Ratio Lower Upper

165 100

63 56.8 39.4 59.2

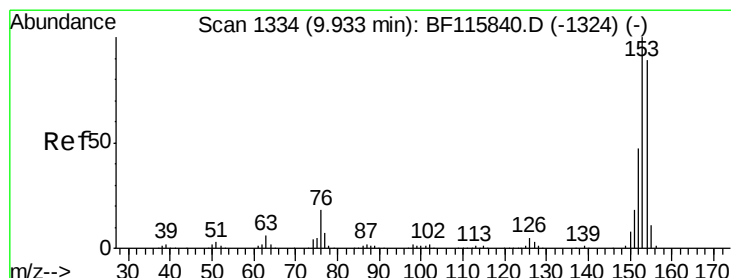
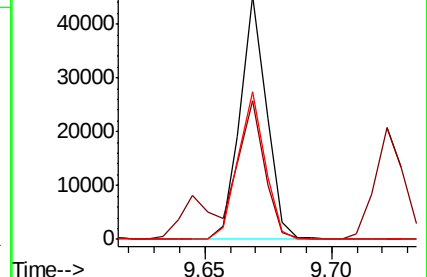
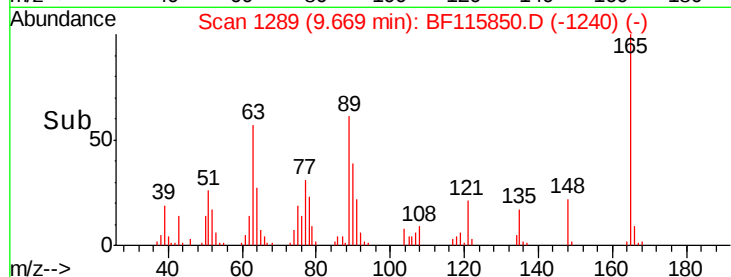
89 60.9 43.0 64.6



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: 8.826 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

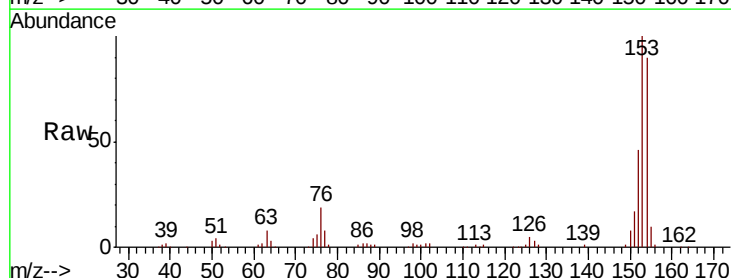
Tgt Ion:154 Resp: 131085

Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

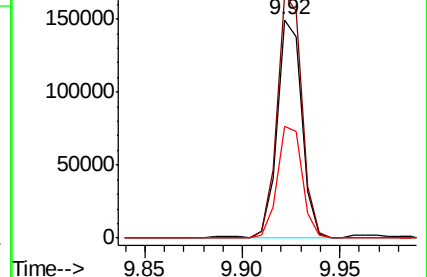
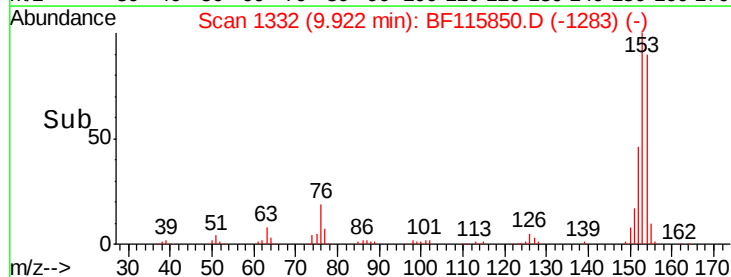
152 51.2 42.6 63.8

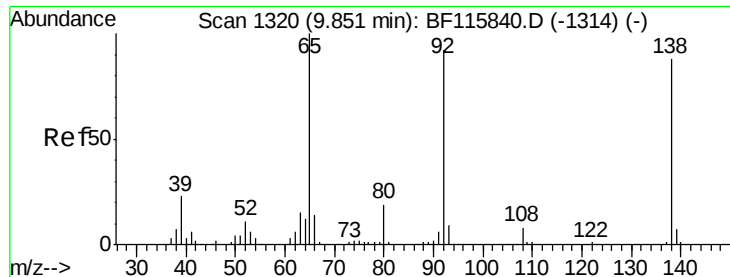


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

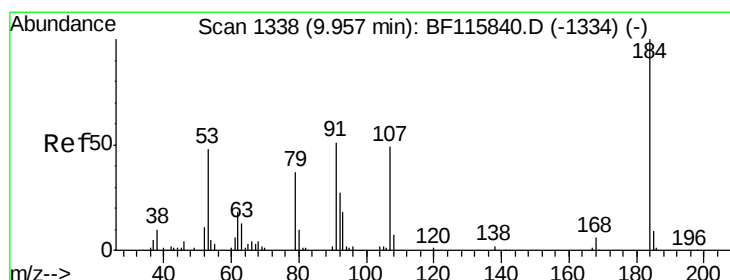
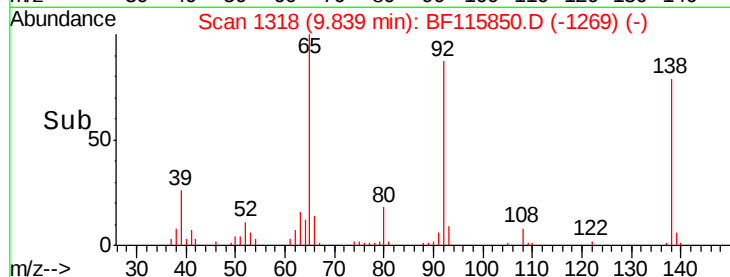
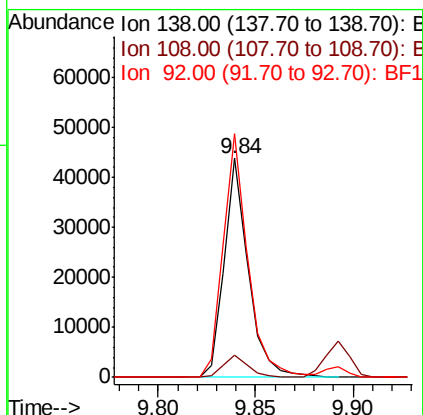
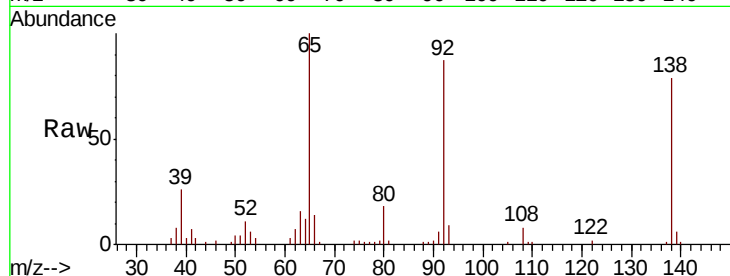




#53
 3-Nitroaniline
 Concen: 7.284 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

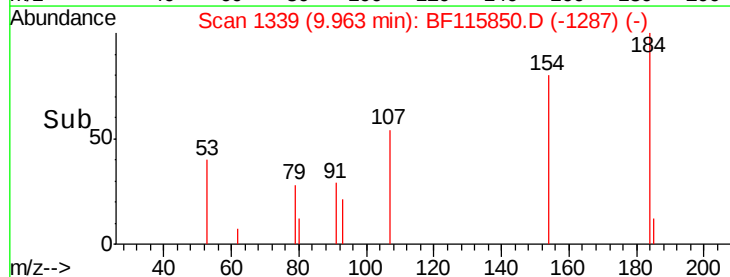
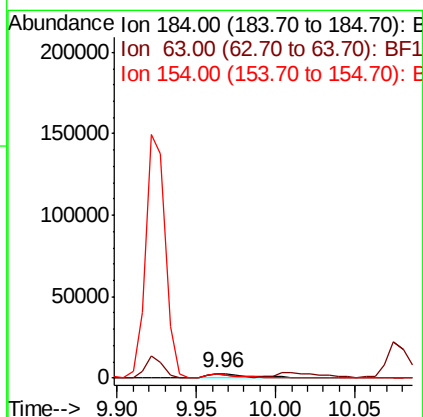
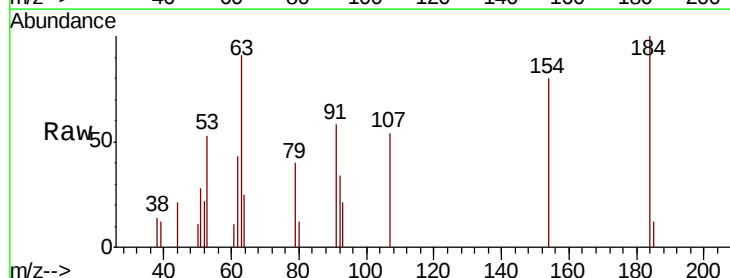
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

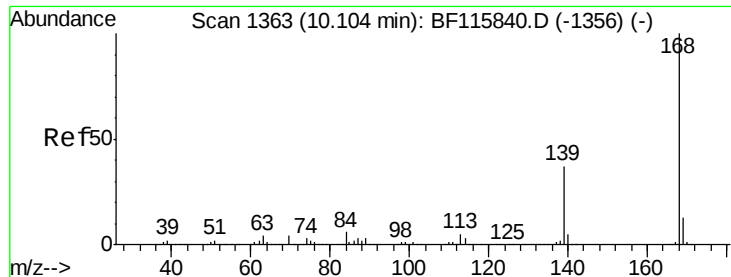
Tot Ion:138 Resp: 37608
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.4 11.2
 92 111.1 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 3.088 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion:184 Resp: 5479
 Ion Ratio Lower Upper
 184 100
 63 90.9 56.7 85.1#
 154 79.5 51.9 77.9#

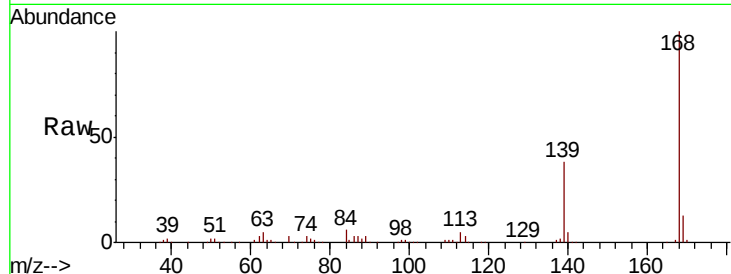




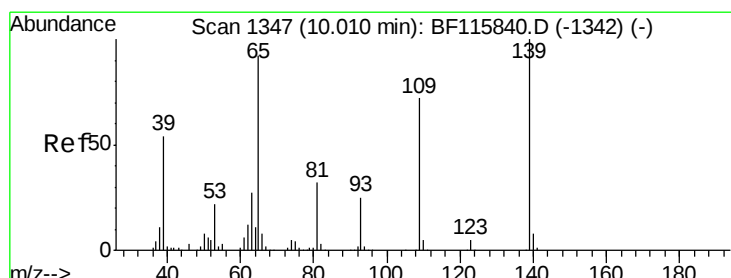
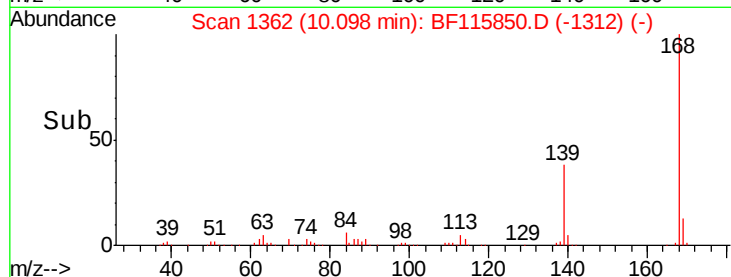
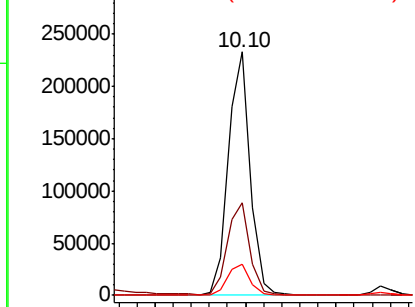
#55
Dibenzenofuran
Concen: 9.049 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:168 Resp: 195435
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.2
169 13.0 10.8 16.2

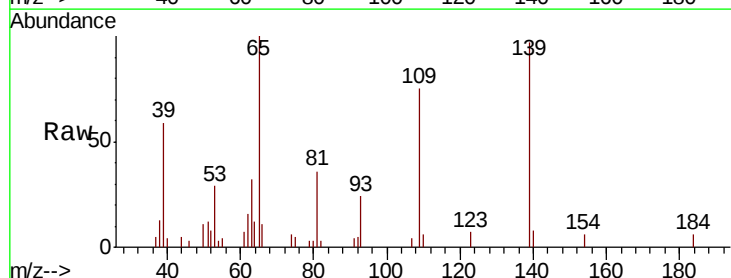


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

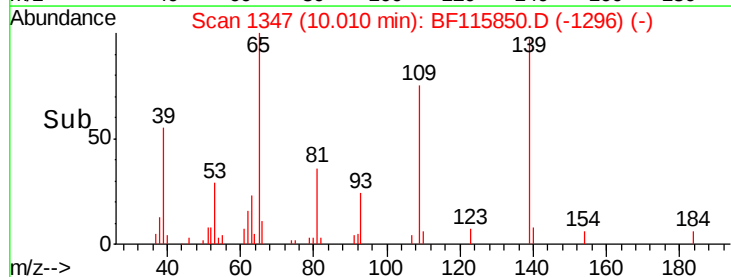
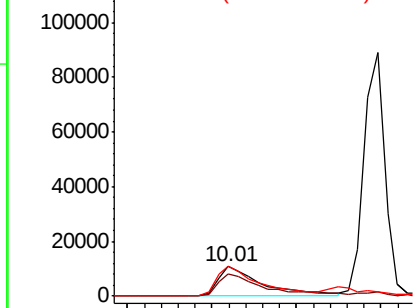


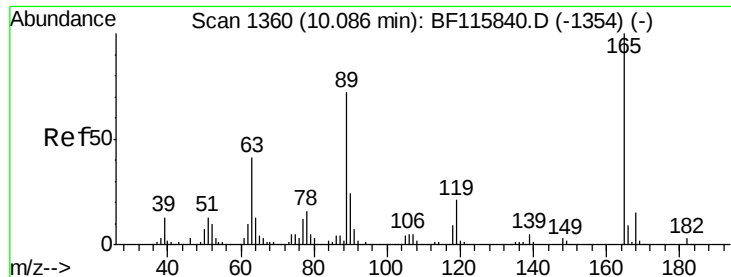
#56
4-Nitrophenol
Concen: 5.967 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:139 Resp: 19737
Ion Ratio Lower Upper
139 100
109 76.9 52.0 92.0
65 103.1 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: 7.582 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:165 Resp: 42182

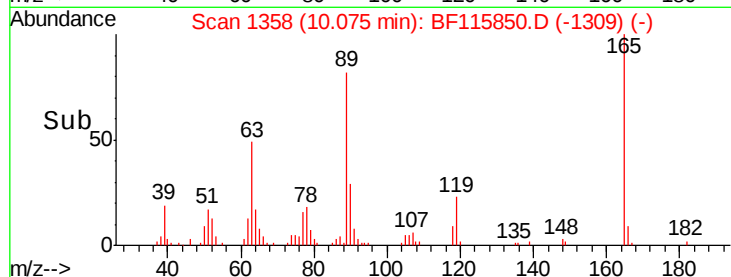
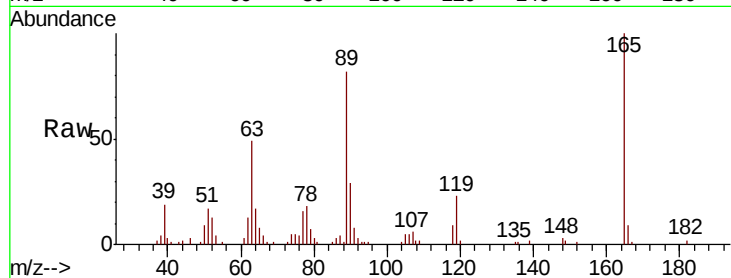
Ion Ratio Lower Upper

165 100

63 49.0 33.2 49.8

89 82.0 57.3 85.9

182 2.4 2.1 3.1

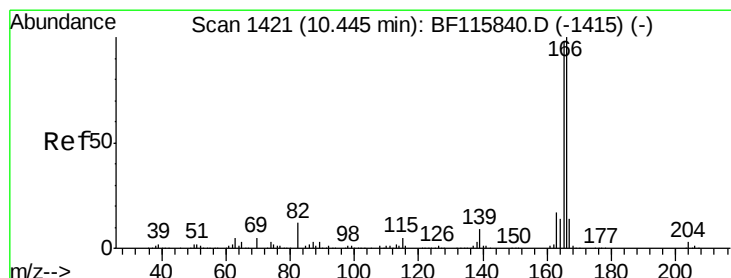
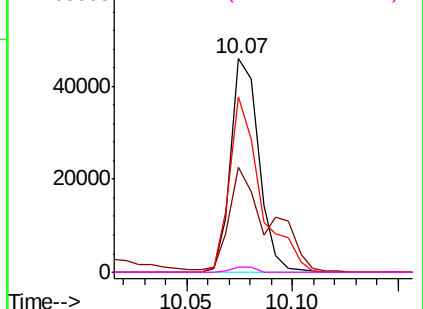


Abundance Ion 165.00 (164.70 to 165.70): E

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: 9.151 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

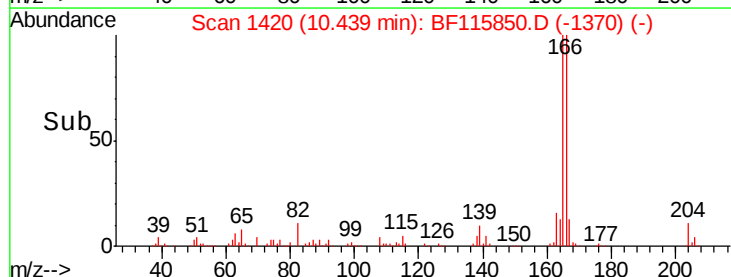
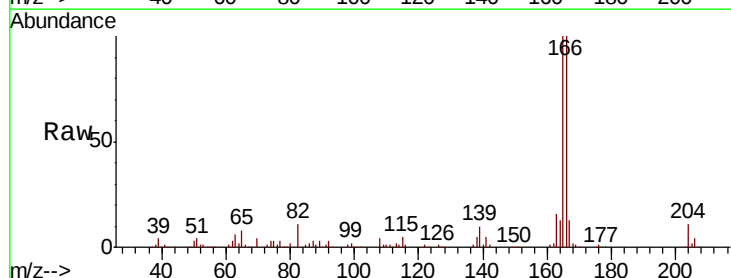
Tgt Ion:166 Resp: 152059

Ion Ratio Lower Upper

166 100

165 99.9 78.6 118.0

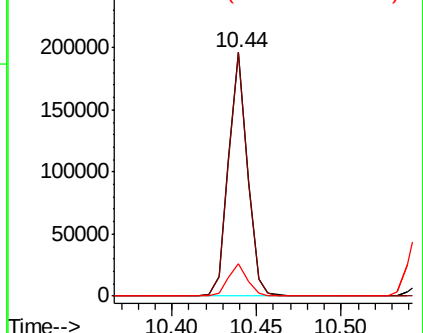
167 13.1 10.9 16.3

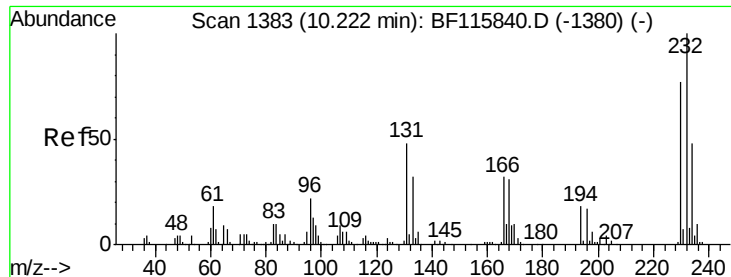


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

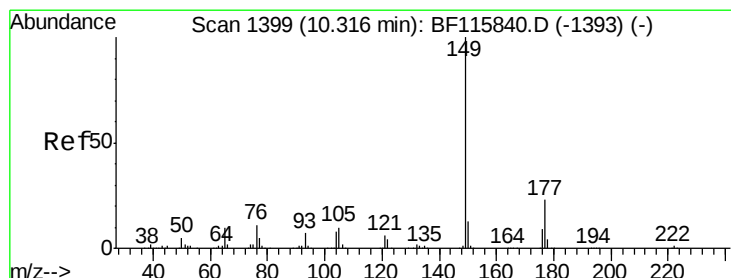
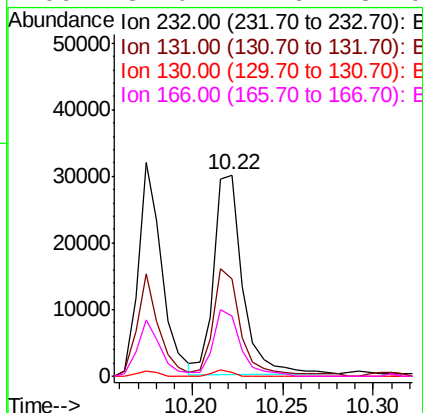
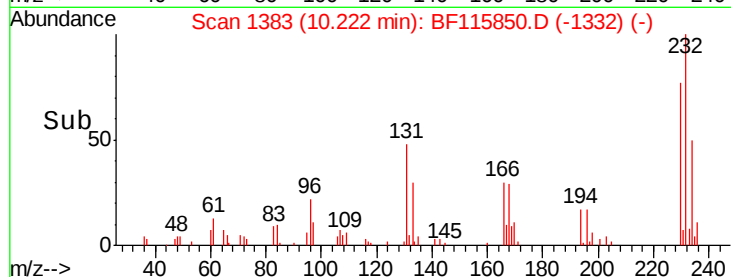
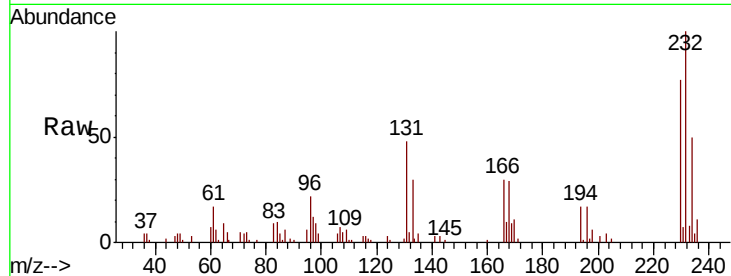




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.301 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

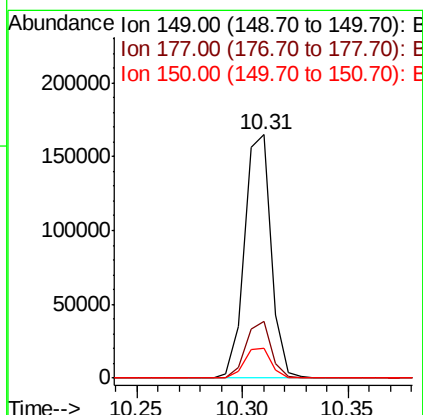
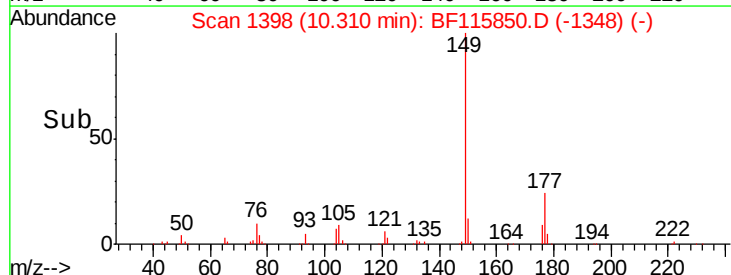
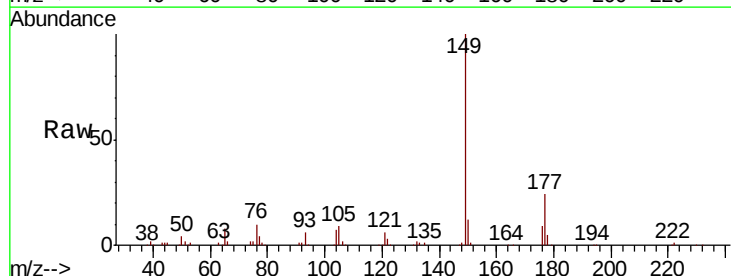
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

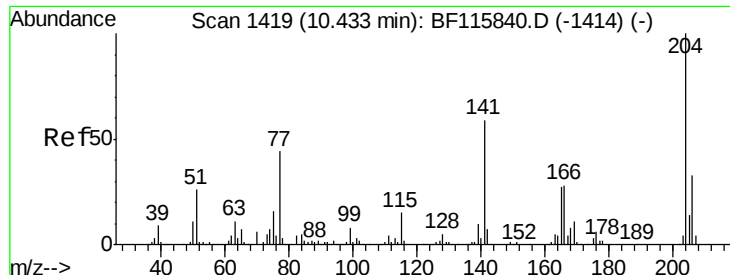
Tot Ion:232 Resp: 32995
Ion Ratio Lower Upper
232 100
131 53.0 37.6 56.4
130 2.1 1.8 2.8
166 32.0 24.6 37.0



#60
Diethylphthalate
Concen: 8.029 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:149 Resp: 144140
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.3 10.1 15.1

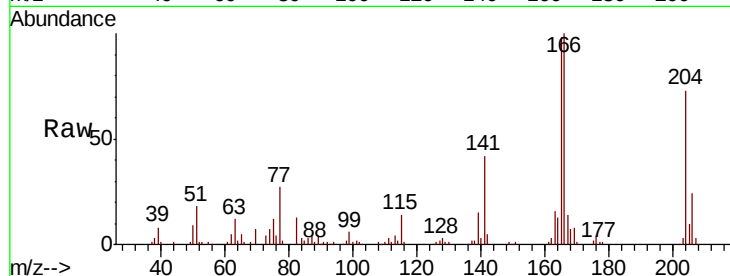




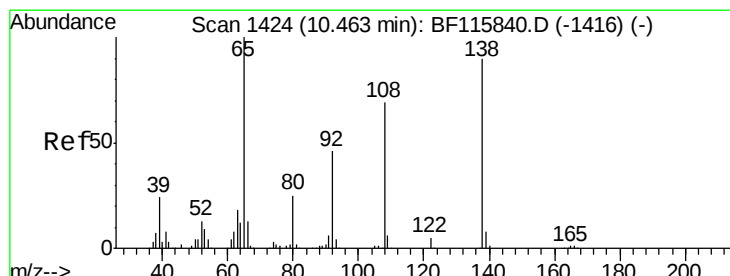
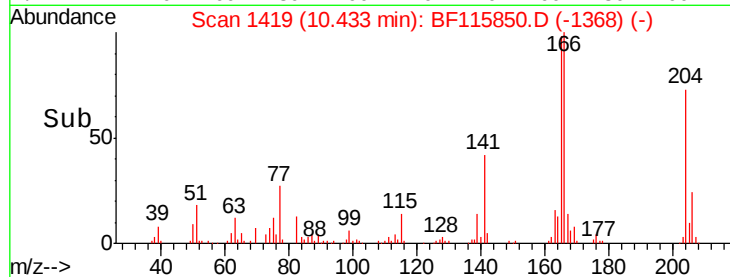
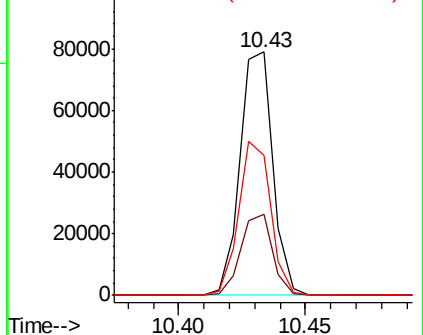
#61
 4-Chlorophenyl-phenylether
 Concen: 8.453 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:204 Resp: 71136
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.4 39.6
 141 57.4 47.0 70.4

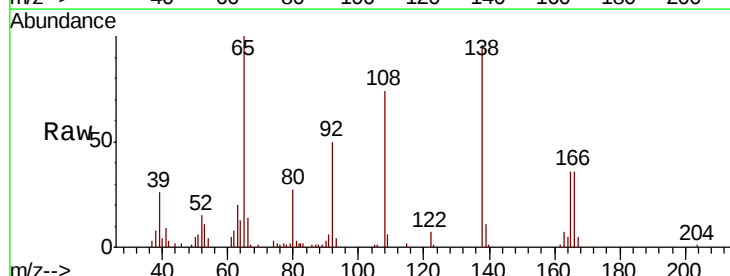


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

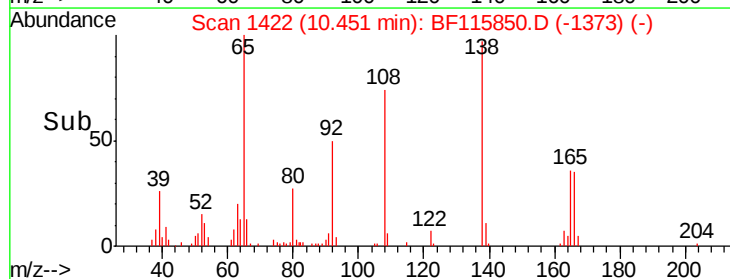
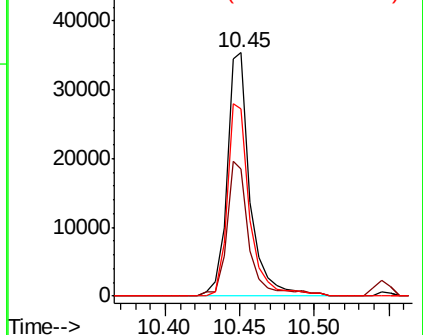


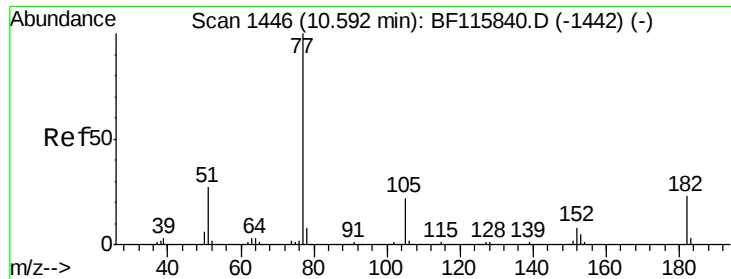
#62
 4-Nitroaniline
 Concen: 7.222 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion:138 Resp: 38537
 Ion Ratio Lower Upper
 138 100
 92 52.1 31.0 71.0
 108 77.0 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: 8.554 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 77 Resp: 157954

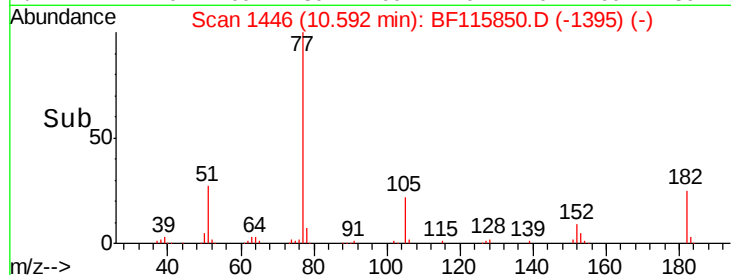
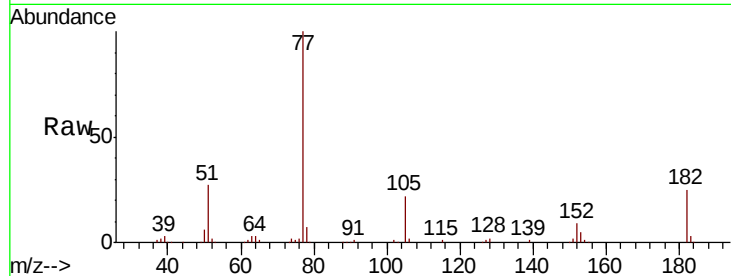
Ion Ratio Lower Upper

77 100

182 24.8 2.6 42.6

105 22.0 1.6 41.6

51 26.9 7.4 47.4

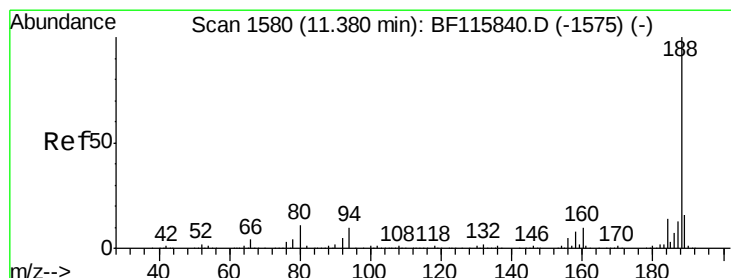
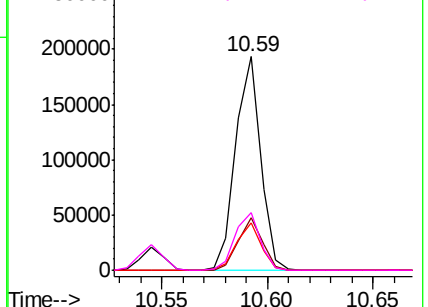


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

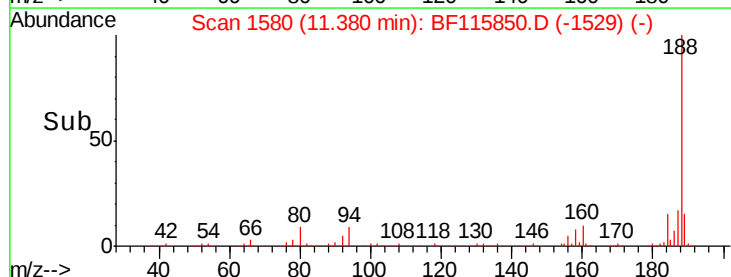
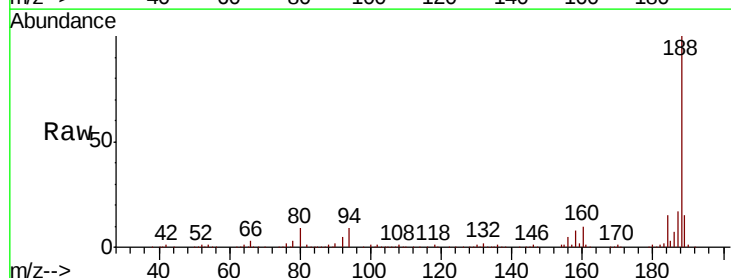
Tgt Ion: 188 Resp: 491201

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

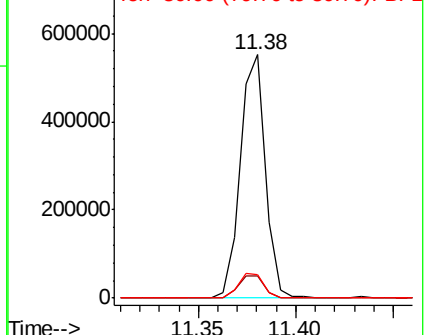
80 9.4 8.6 12.8

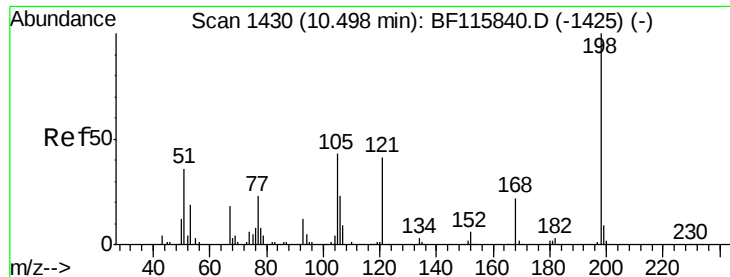


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.247 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

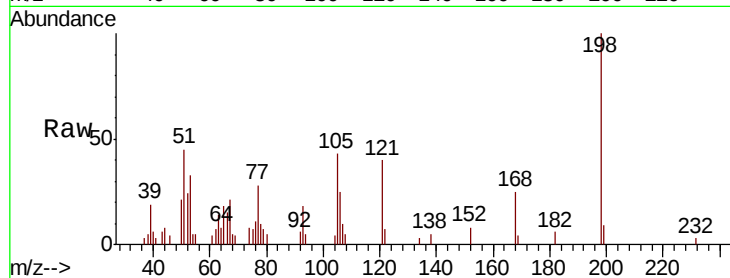
Tot Ion:198 Resp: 13658

Ion Ratio Lower Upper

198 100

51 45.1 21.1 61.1

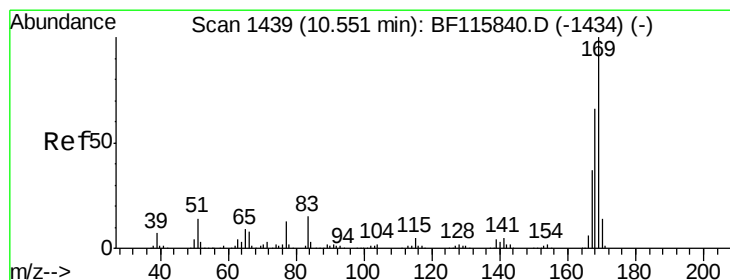
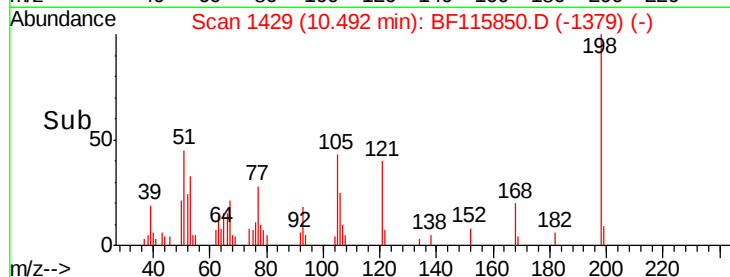
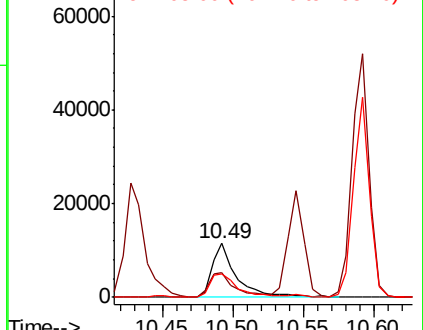
105 43.1 24.5 64.5



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: 8.643 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

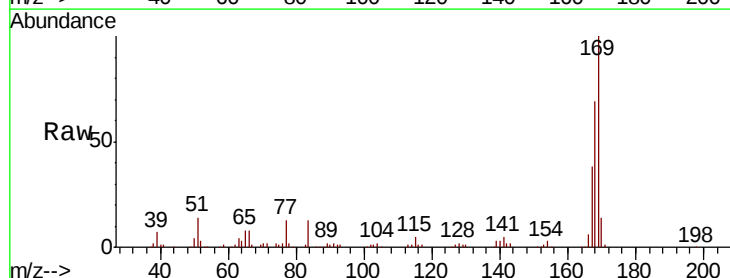
Tgt Ion:169 Resp: 127791

Ion Ratio Lower Upper

169 100

168 69.0 53.0 79.6

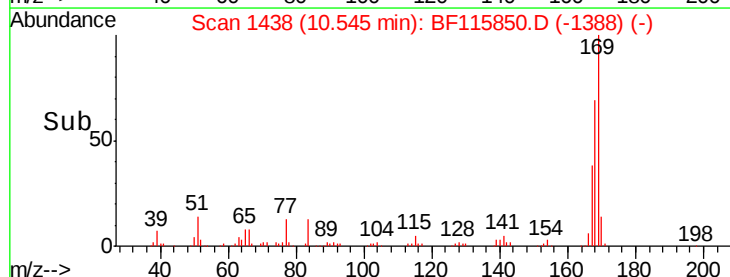
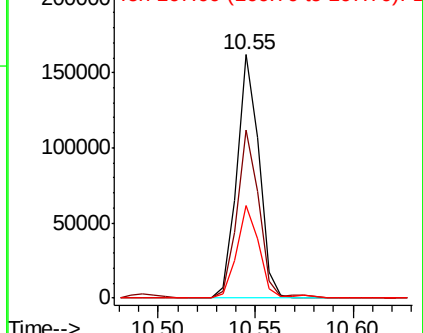
167 37.9 29.9 44.9

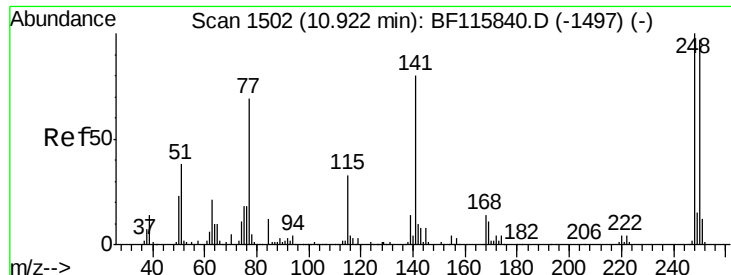


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

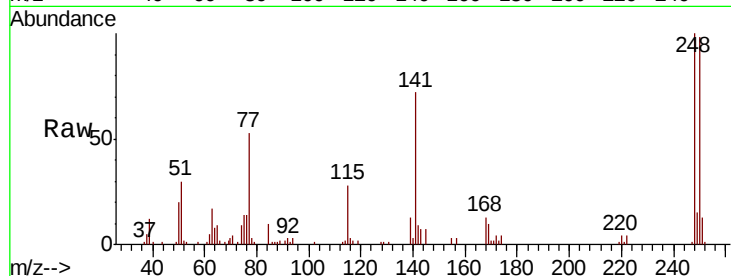




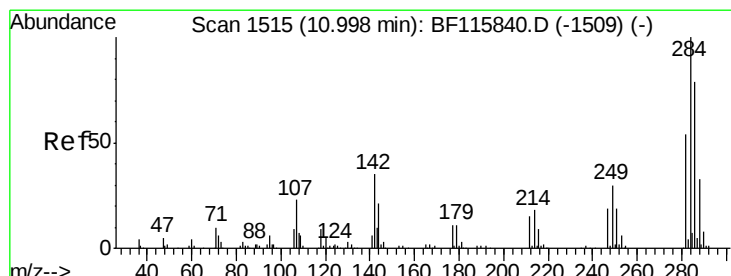
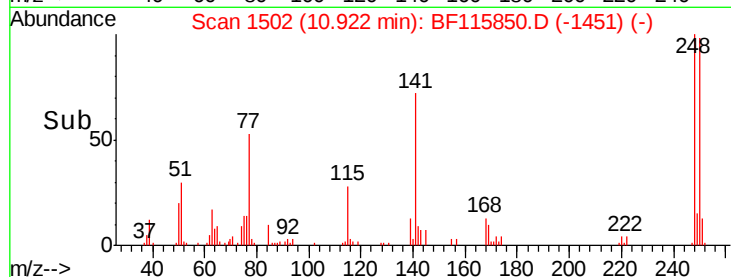
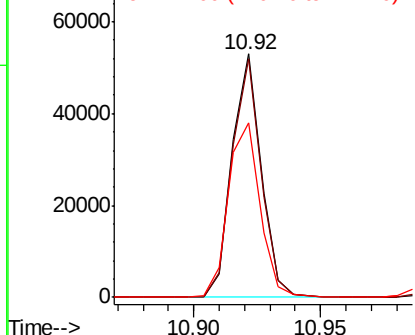
#67
4-Bromophenyl-phenylether
Concen: 8.050 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:248 Resp: 42327
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 71.8 64.3 96.5

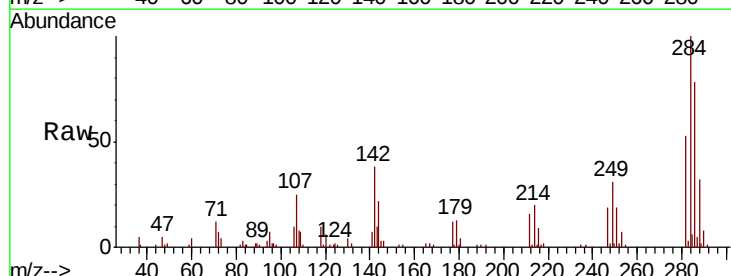


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

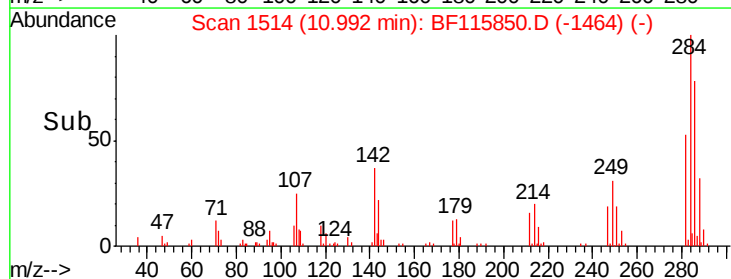
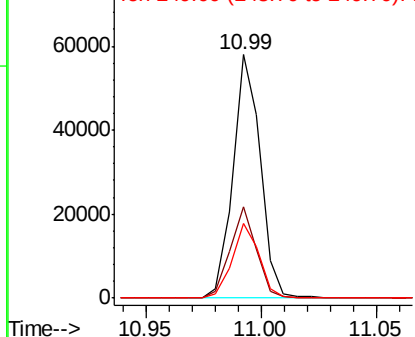


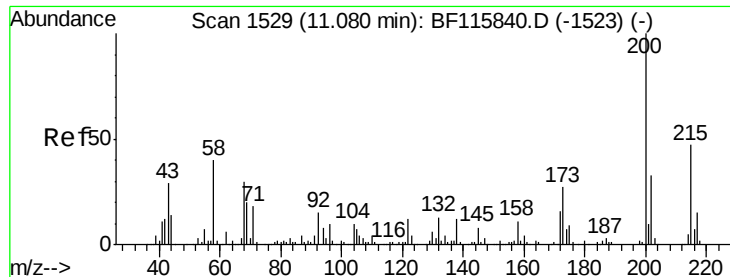
#68
Hexachlorobenzene
Concen: 7.851 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:284 Resp: 47736
Ion Ratio Lower Upper
284 100
142 37.6 28.2 42.2
249 33.0 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

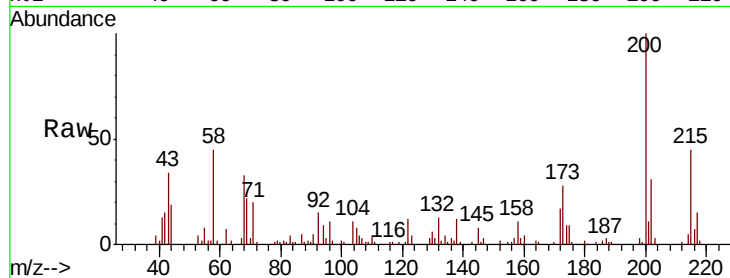




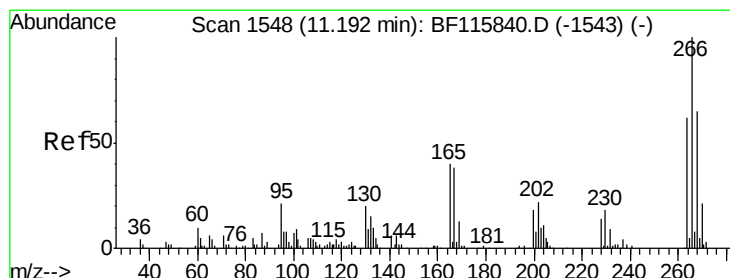
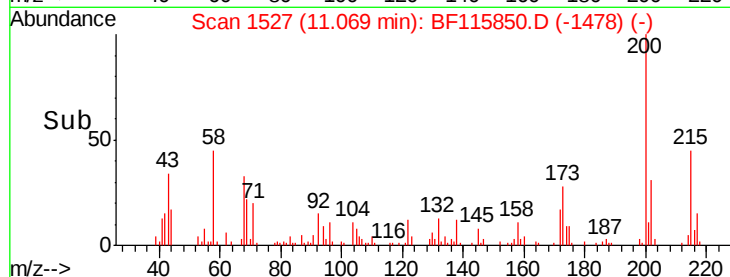
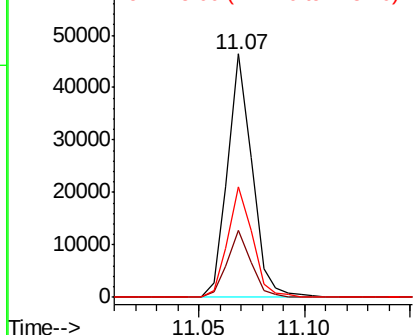
#69
Atrazine
Concen: 7.674 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:200 Resp: 37323
Ion Ratio Lower Upper
200 100
173 27.7 7.3 47.3
215 45.4 26.9 66.9

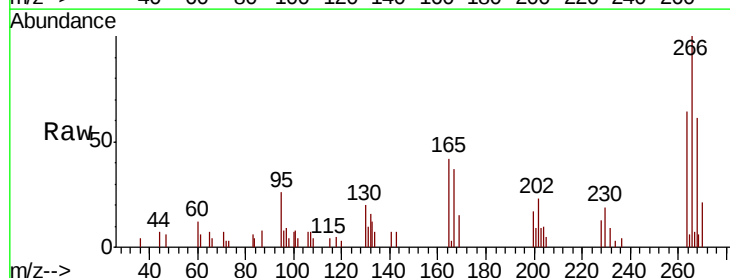


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

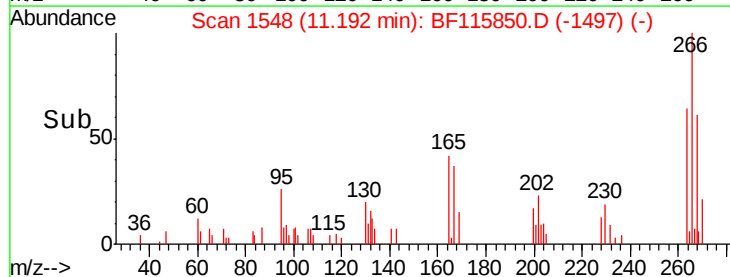
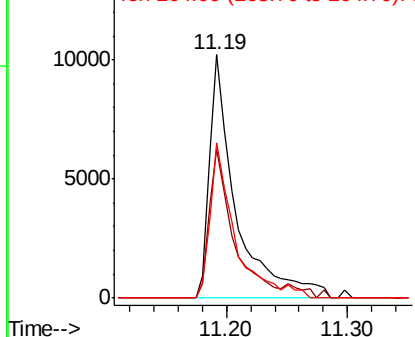


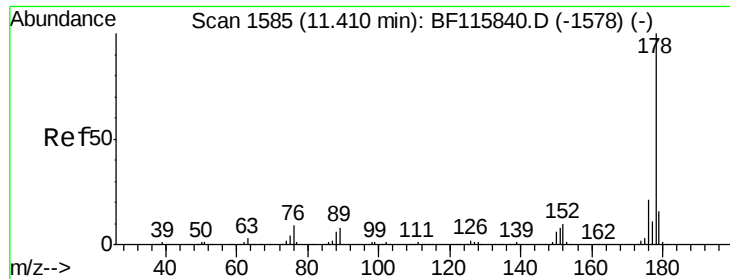
#70
Pentachlorophenol
Concen: 5.244 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:266 Resp: 15481
Ion Ratio Lower Upper
266 100
268 67.4 51.6 77.4
264 69.6 49.4 74.0



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





#71

Phenanthrene

Concen: 8.921 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

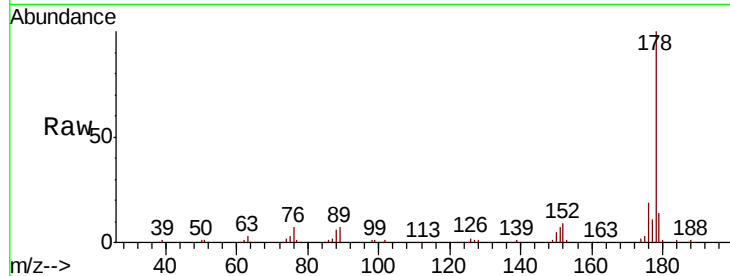
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:178 Resp: 224013

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.5	24.7
179	14.3	12.6	18.8

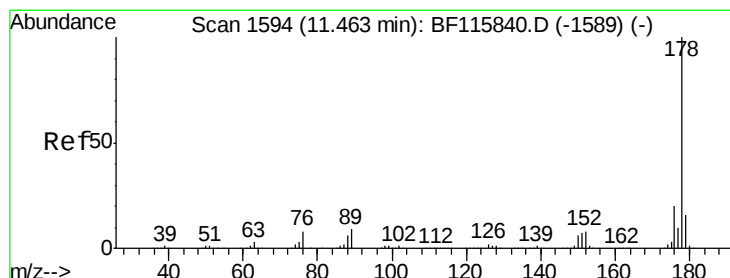
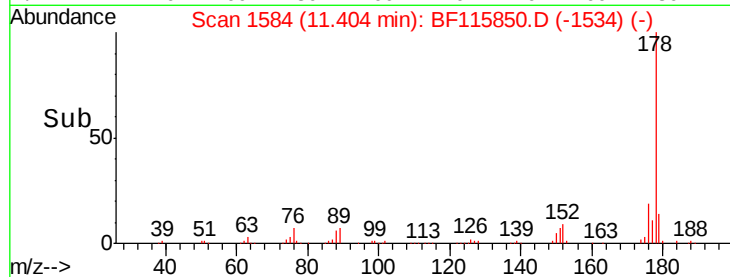
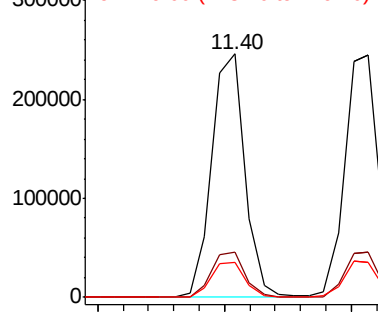


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.063 ng

RT: 11.46 min Scan# 1593

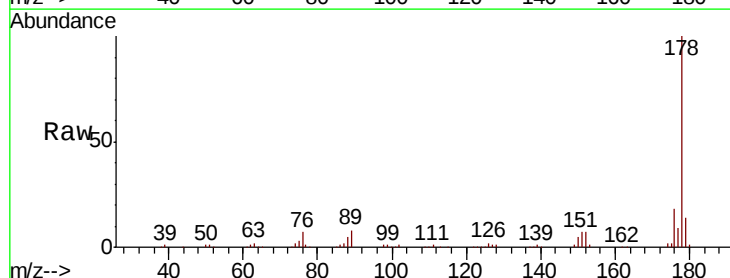
Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Tgt Ion:178 Resp: 230332

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	14.4	12.4	18.6

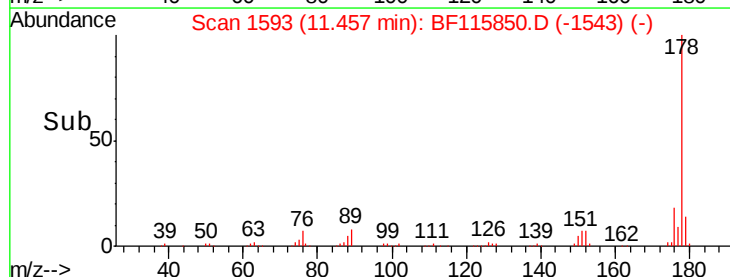
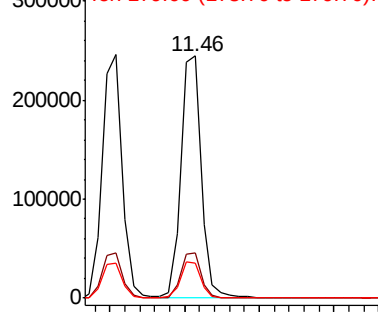


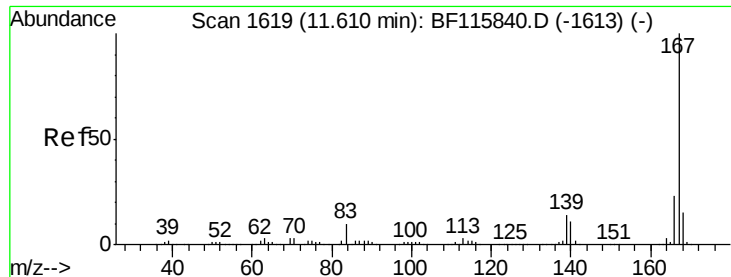
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

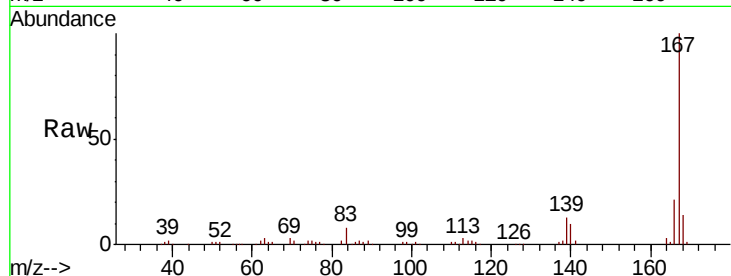




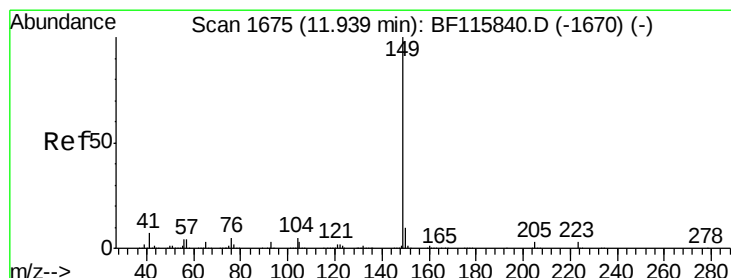
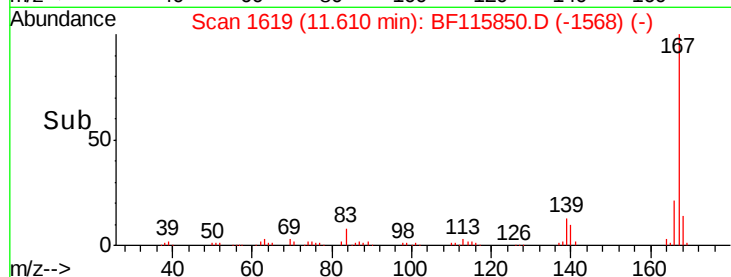
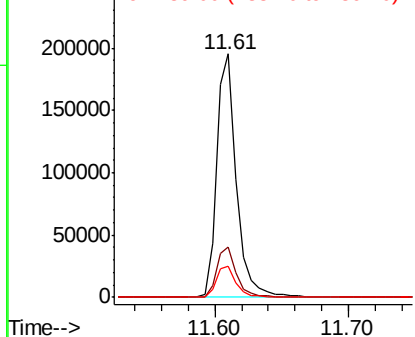
#73
 Carbazole
 Concen: 8.750 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:167 Resp: 201736
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.0 27.0
 139 12.8 11.4 17.2

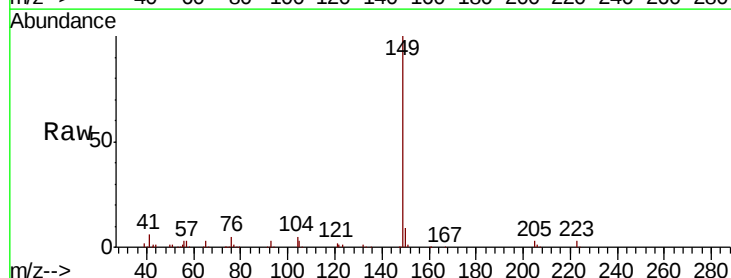


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

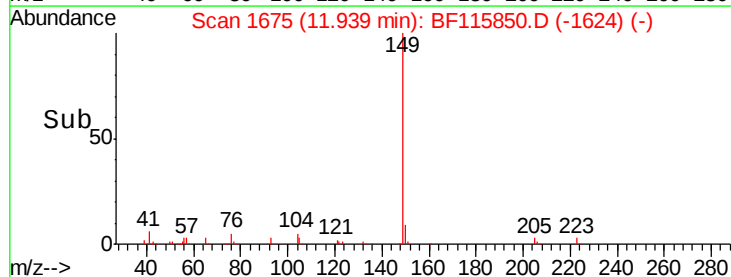
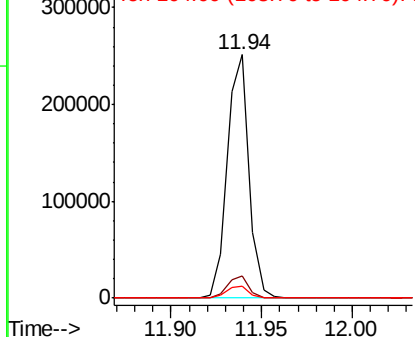


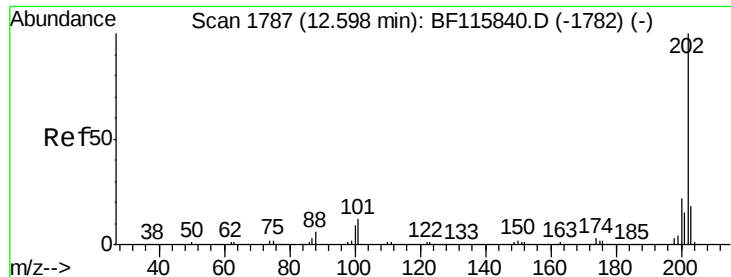
#74
 Di-n-butylphthalate
 Concen: 7.789 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion:149 Resp: 209485
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 4.9 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: 8.654 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

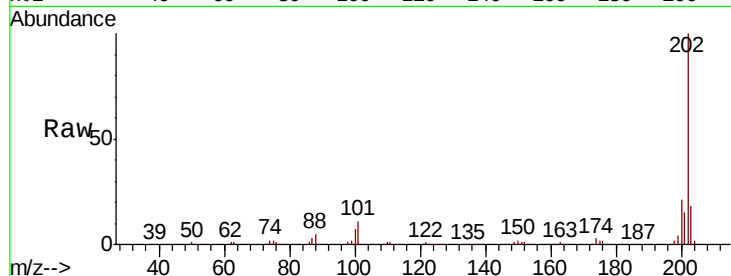
Tot Ion:202 Resp: 227504

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.5

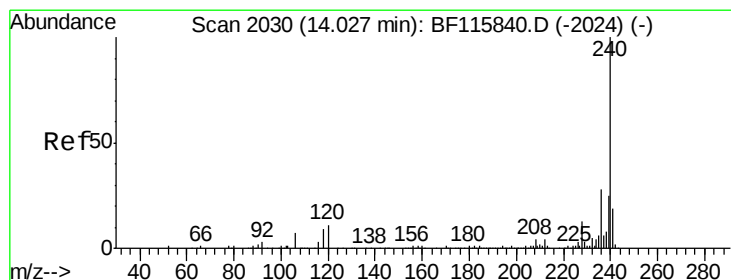
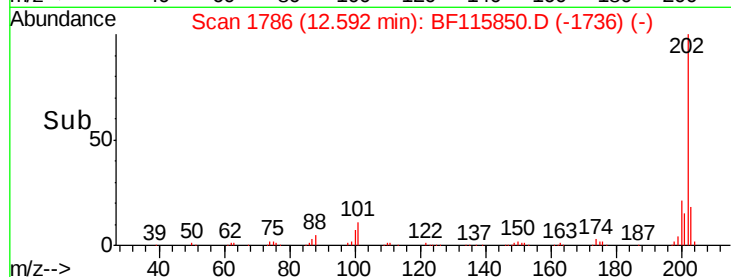
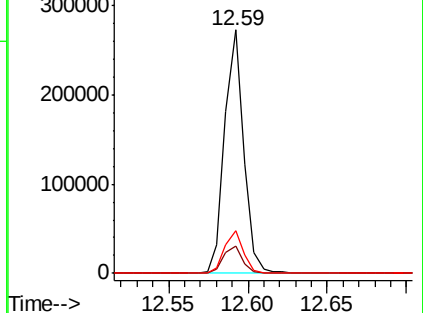
203 17.5 0.0 37.9



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: BF115850.D

Acq: 30 Jul 2019 19:02

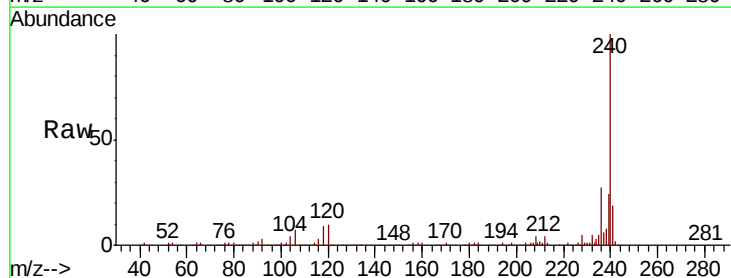
Tgt Ion:240 Resp: 385834

Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

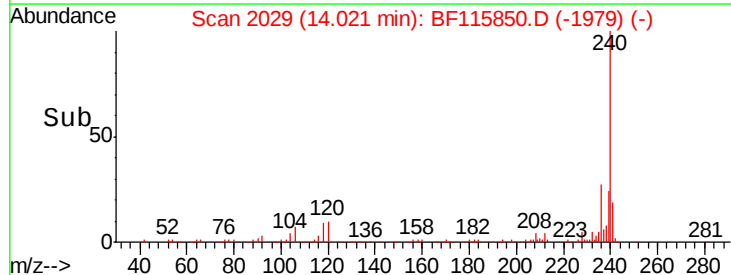
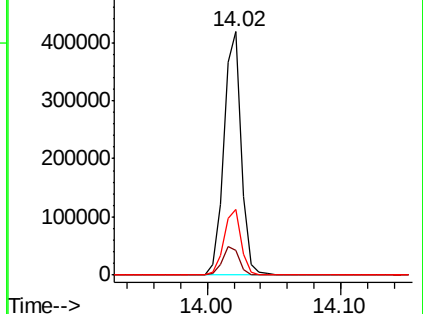
236 26.8 22.2 33.2

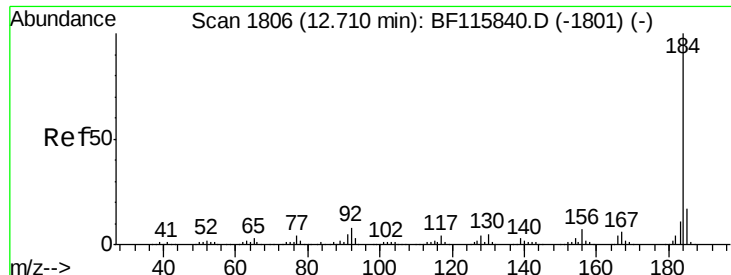


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.146 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

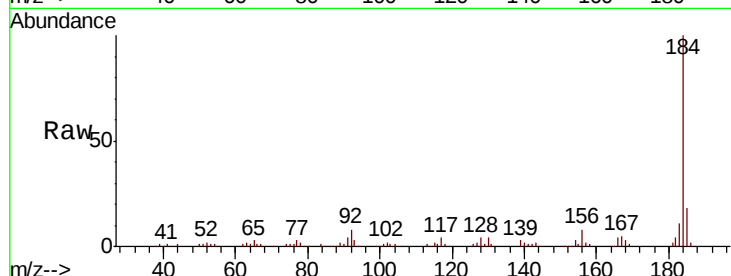
Tot Ion:184 Resp: 106188

Ion Ratio Lower Upper

184 100

185 17.9 13.4 20.2

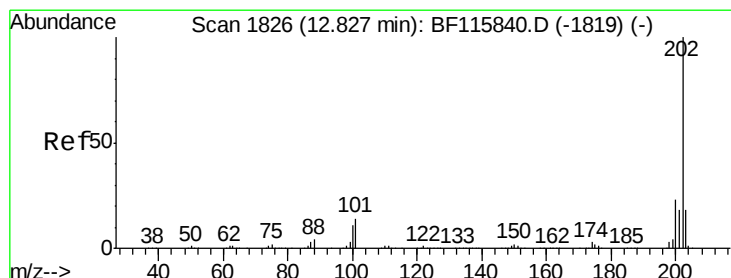
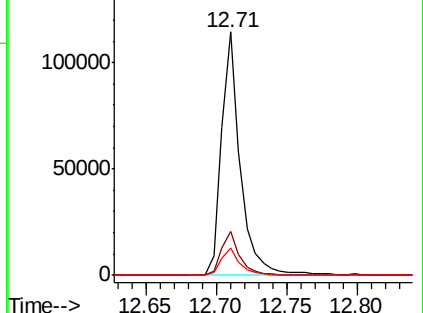
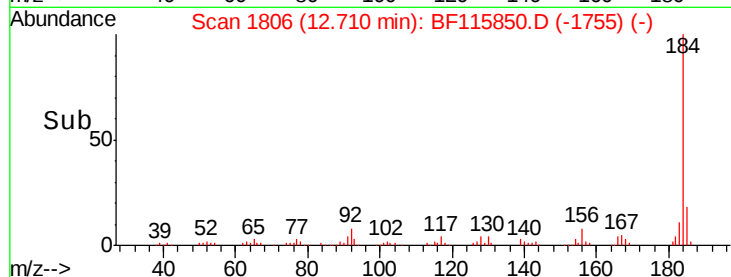
183 11.4 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.182 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

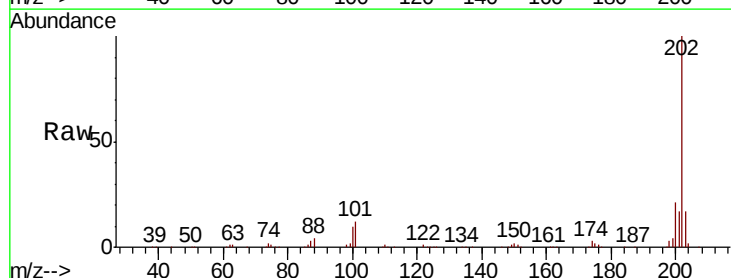
Tgt Ion:202 Resp: 237972

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.2

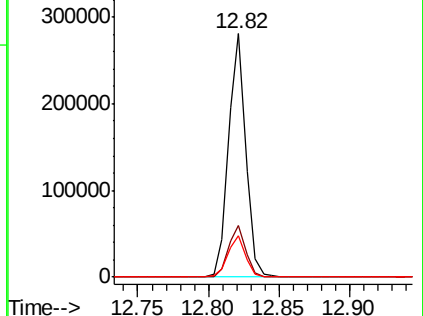
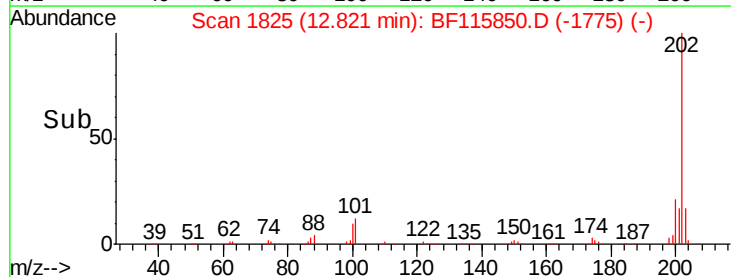
203 17.0 14.3 21.5

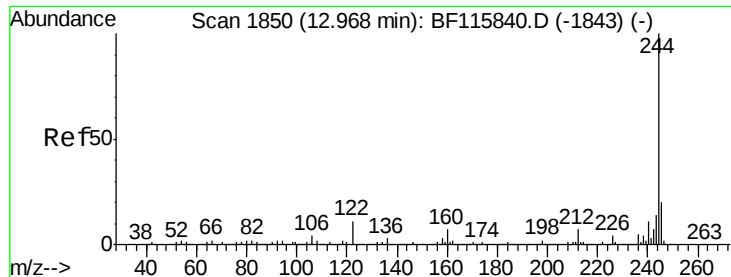


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.460 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

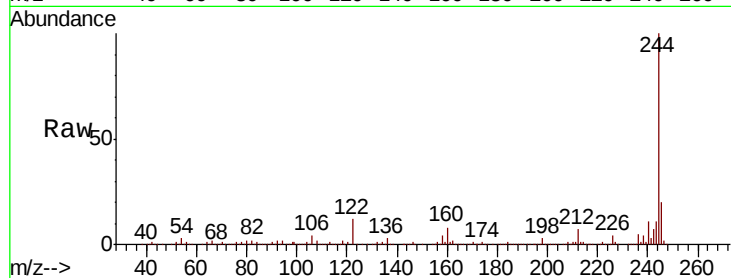
Tot Ion:244 Resp: 1363404

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

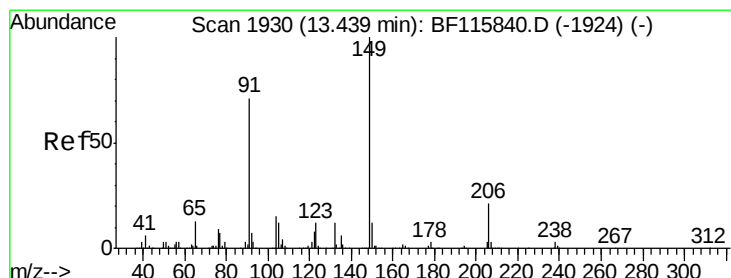
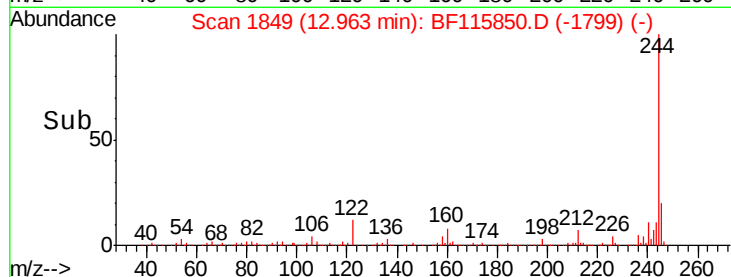
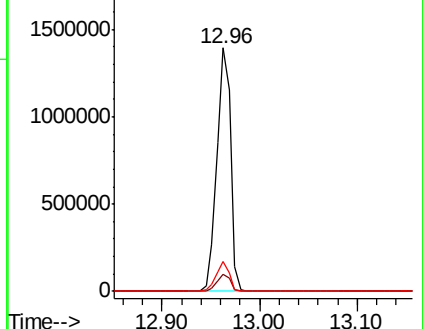
122 12.3 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.613 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

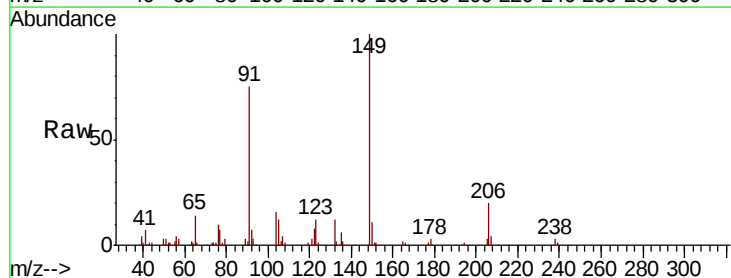
Tgt Ion:149 Resp: 81363

Ion Ratio Lower Upper

149 100

91 74.5 57.0 85.6

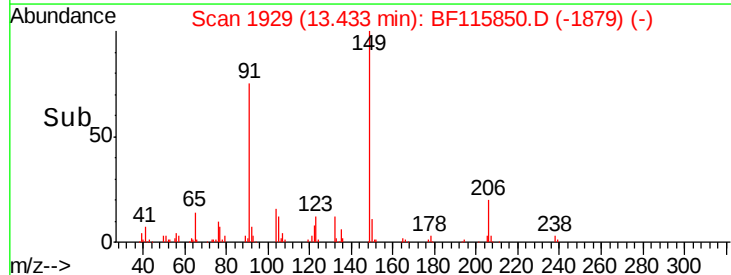
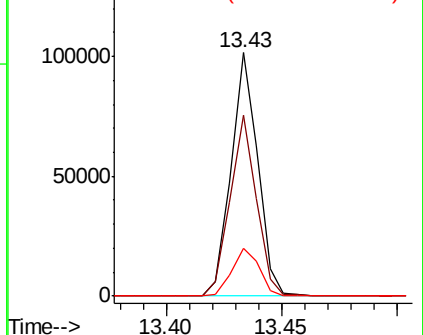
206 19.7 16.9 25.3

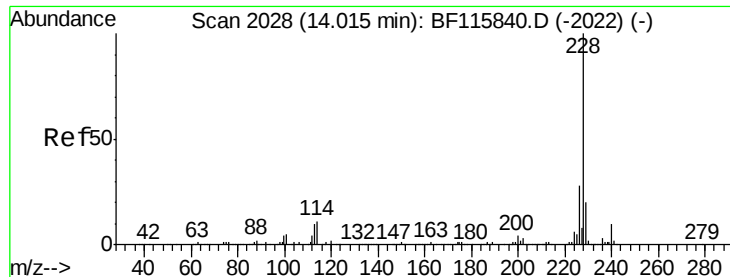


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.064 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

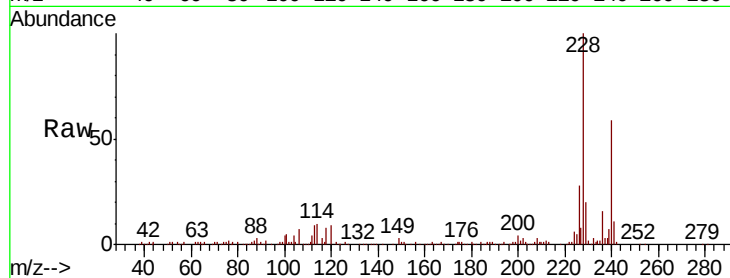
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:228 Resp: 198859

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.7	16.1	24.1

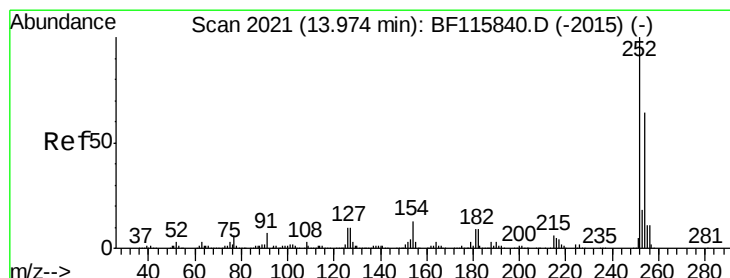
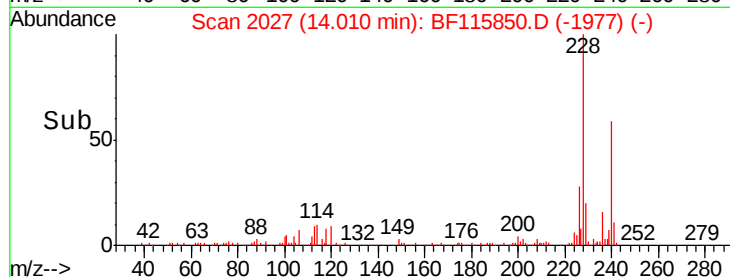
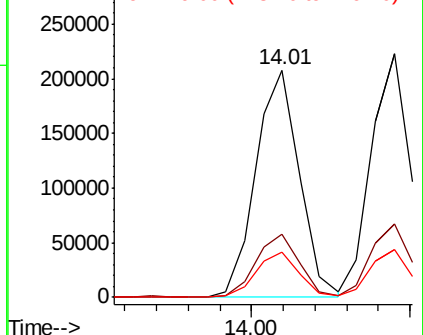


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.214 ng

RT: 13.97 min Scan# 2020

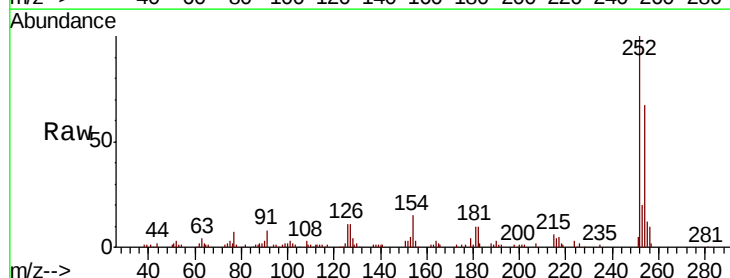
Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Tgt Ion:252 Resp: 70373

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.2	76.8
126	11.0	8.1	12.1

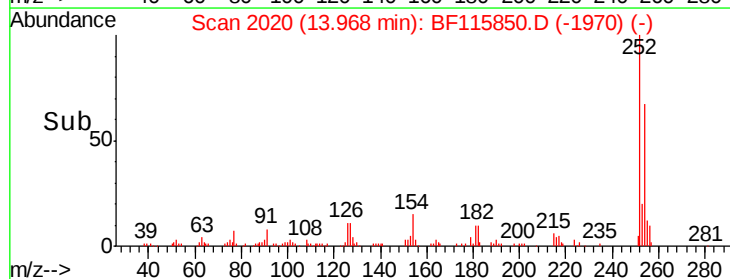
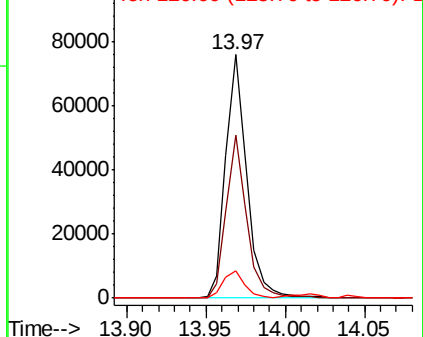


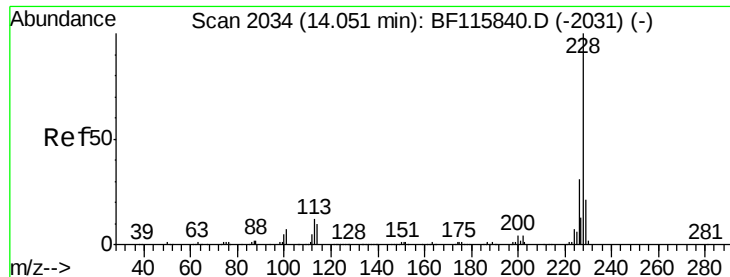
Abundance

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

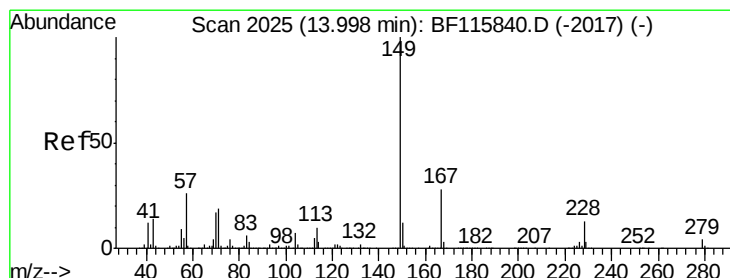
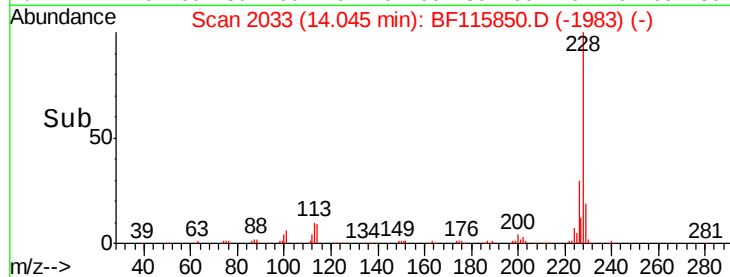
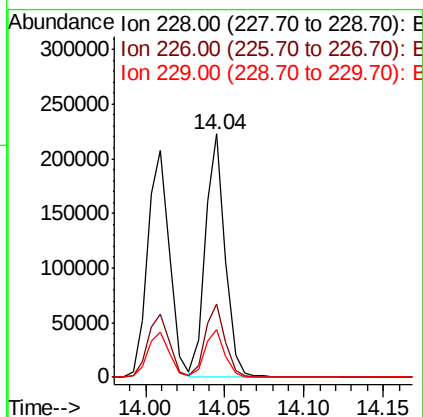
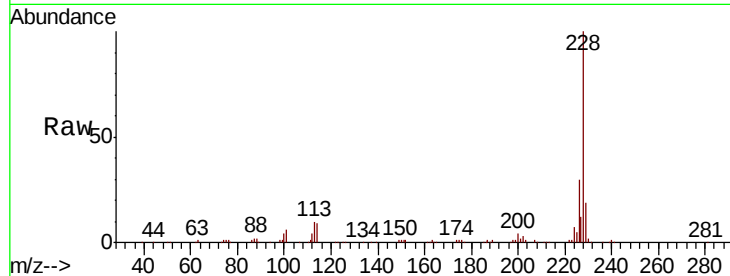




#83
 Chrysene
 Concen: 8.163 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

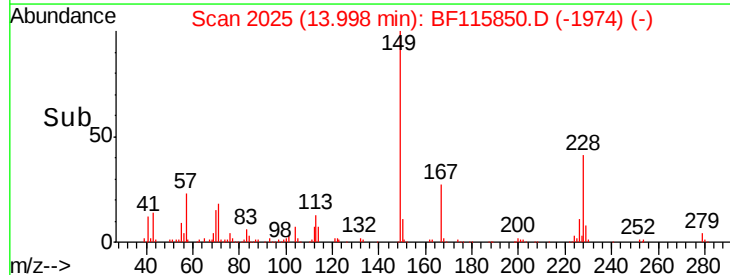
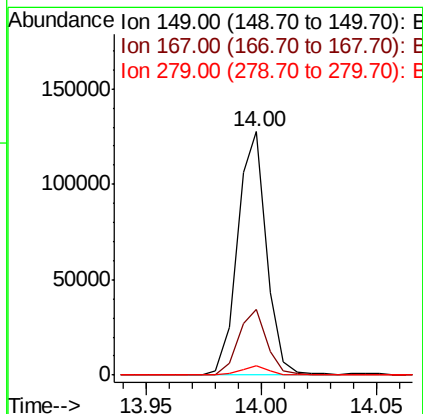
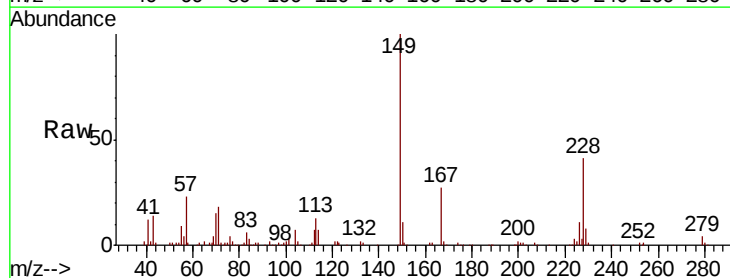
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

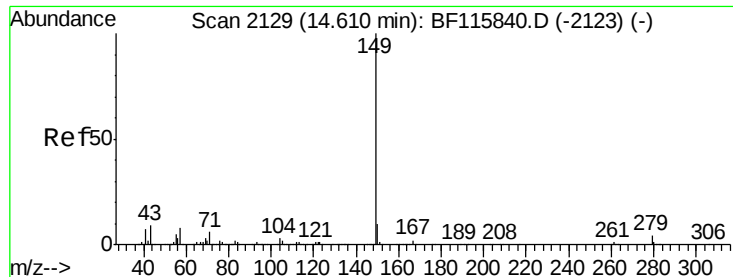
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.4	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.936 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115850.D
 Acq: 30 Jul 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 6.702 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

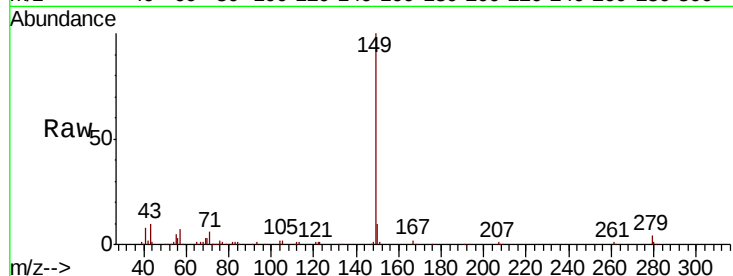
Tot Ion:149 Resp: 170197

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

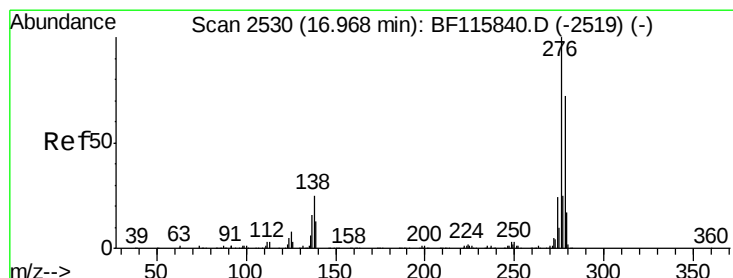
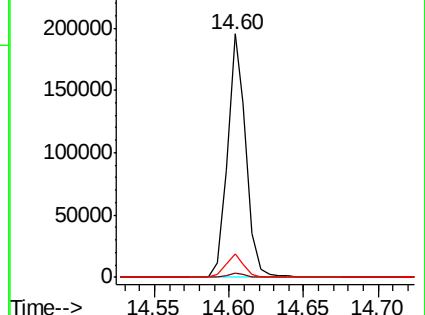
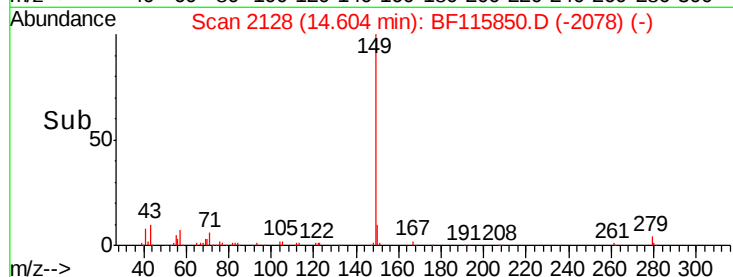
43 9.7 7.4 11.0



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: 7.199 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

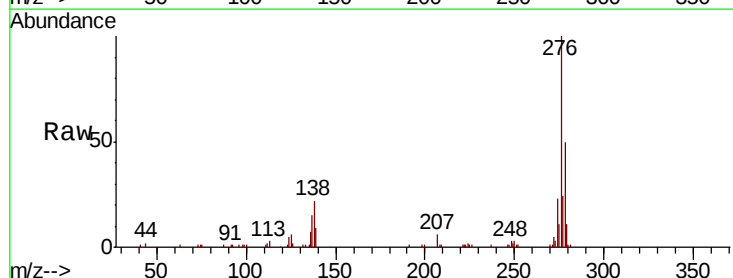
Tgt Ion:276 Resp: 144760

Ion Ratio Lower Upper

276 100

138 23.8 19.6 29.4

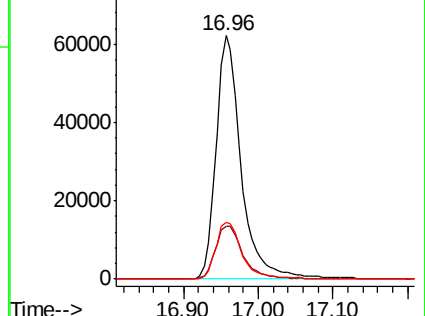
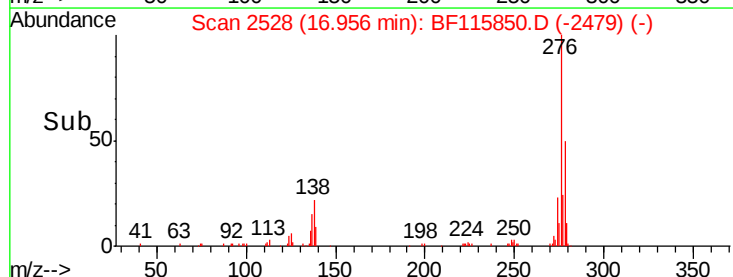
277 24.5 20.1 30.1

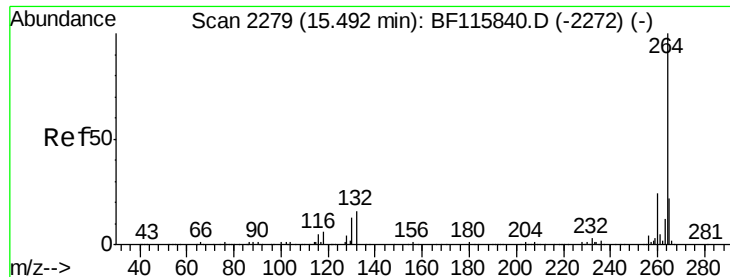


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

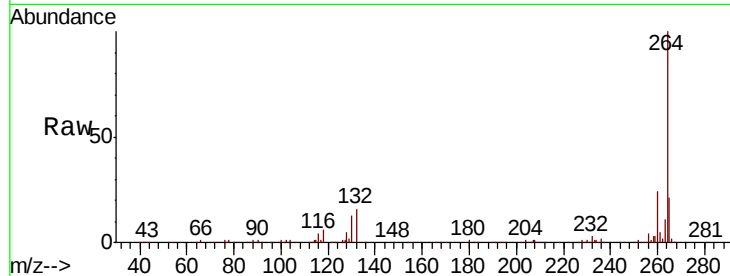




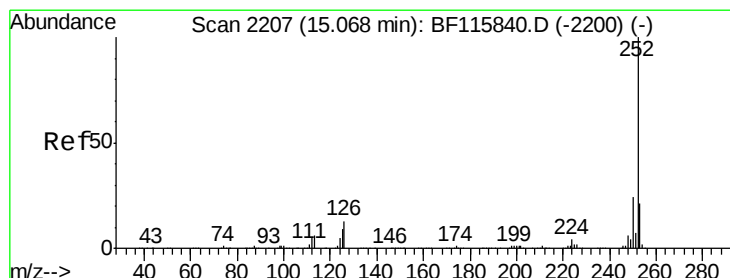
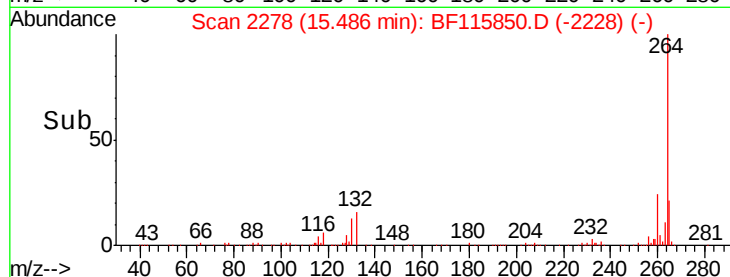
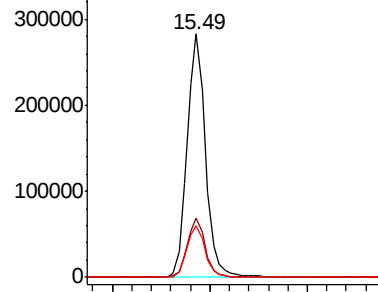
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:264 Resp: 369191
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.0 17.5 26.3

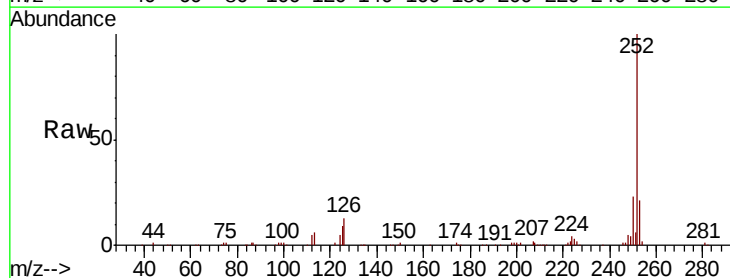


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

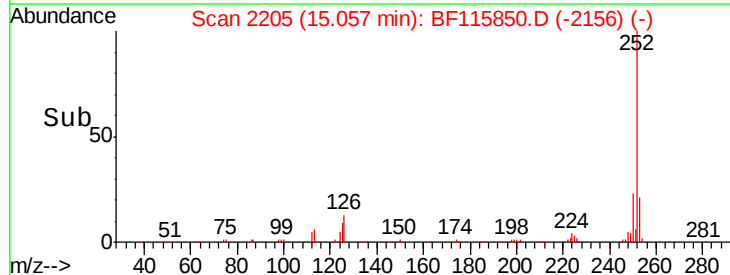
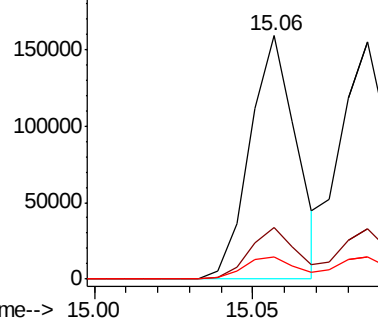


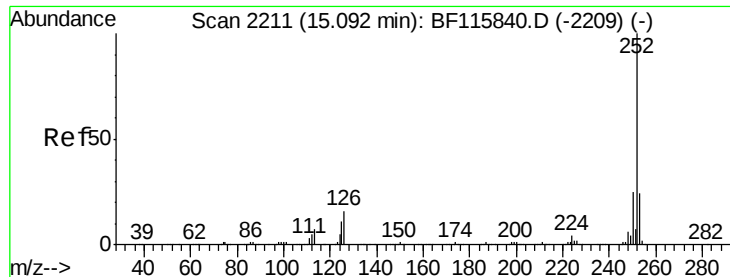
#88
Benzo(b)fluoranthene
Concen: 7.610 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:252 Resp: 162441
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 9.3 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

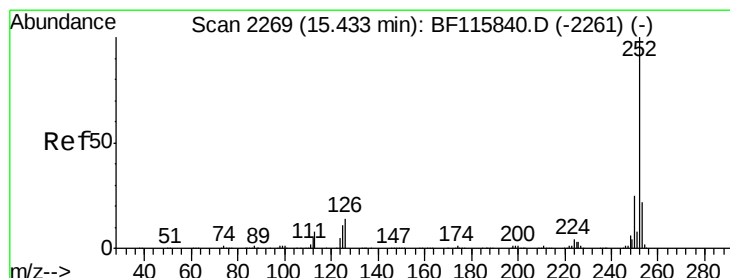
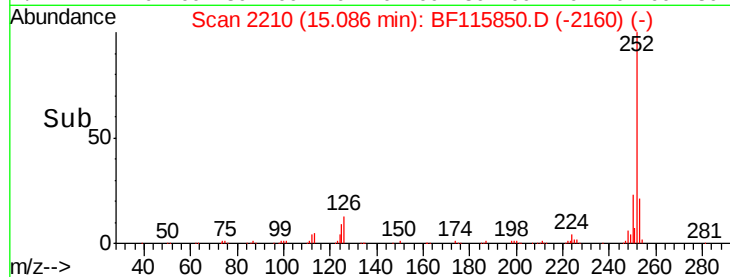
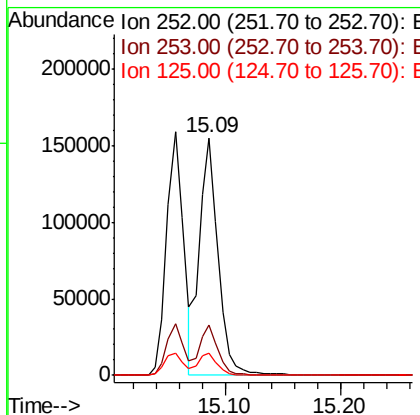
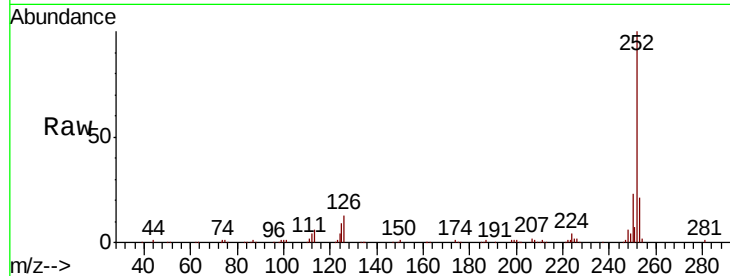




#89
Benzo(k)fluoranthene
Concen: 8.529 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

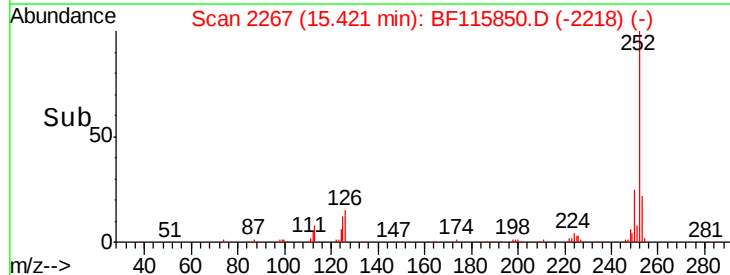
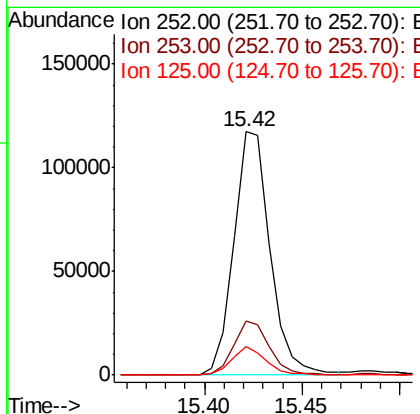
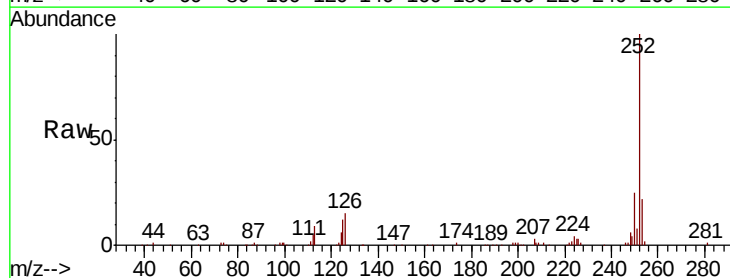
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

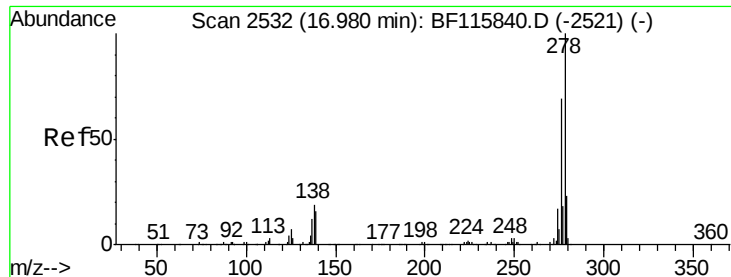
Tot Ion:252 Resp: 177337
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 9.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 7.967 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115850.D
Acq: 30 Jul 2019 19:02

Tgt Ion:252 Resp: 152034
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 7.285 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

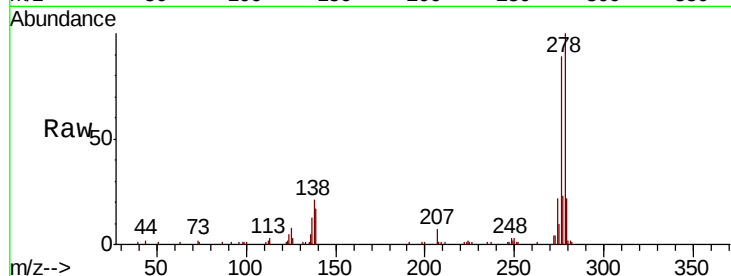
Tot Ion:278 Resp: 120340

Ion Ratio Lower Upper

278 100

139 16.6 12.6 19.0

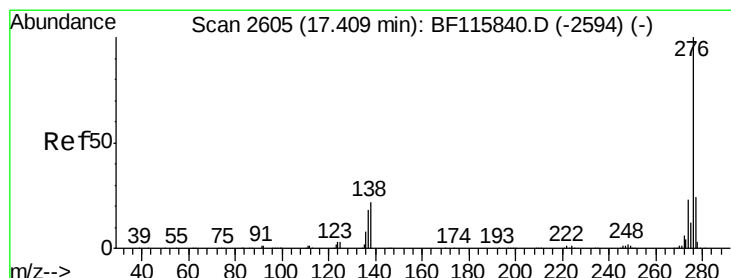
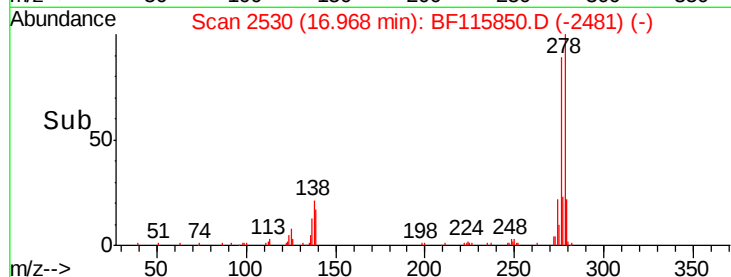
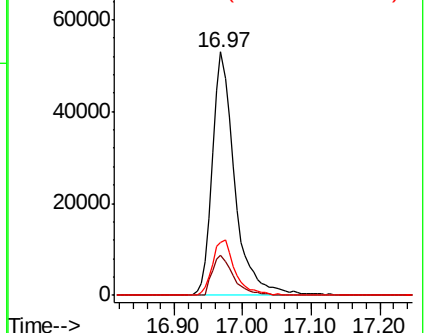
279 21.7 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.312 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BF115850.D

Acq: 30 Jul 2019 19:02

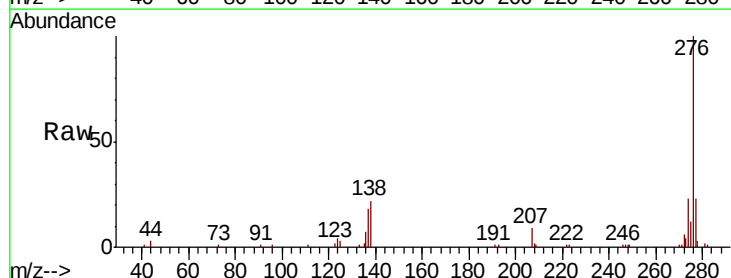
Tgt Ion:276 Resp: 118614

Ion Ratio Lower Upper

276 100

277 22.8 19.5 29.3

138 21.6 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

