

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115625.D
 Acq On : 17 Jul 2019 16:39
 Operator : HP/JU
 Sample : K3838-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Quant Time: Jul 18 04:45:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190811	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	659260	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	321655	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	589759	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	307427	20.00	ng	-0.02
87) Perylene-d12	15.50	264	323097	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1133356	97.16	ng	0.01
7) Phenol-d6	6.52	99	1540039	104.04	ng	0.00
23) Nitrobenzene-d5	7.45	82	887985	78.32	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	363550	96.83	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1600725	87.10	ng	-0.01
79) Terphenyl-d14	12.98	244	1455446	87.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	193819	33.309	ng	98
3) Pyridine	3.52	79	213663	13.534	ng	99
4) n-Nitrosodimethylamine	3.45	42	220414	38.485	ng	98
6) Aniline	6.55	93	516345	25.066	ng	97
8) 2-Chlorophenol	6.67	128	507812	37.863	ng	96
9) Benzaldehyde	6.43	77	266945	28.859	ng	99
10) Phenol	6.53	94	619235	36.038	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	474789	36.292	ng	100
12) 1,3-Dichlorobenzene	6.83	146	526536	34.918	ng	98
13) 1,4-Dichlorobenzene	6.90	146	551979	36.688	ng	97
14) 1,2-Dichlorobenzene	7.06	146	512952	37.296	ng	97
15) Benzyl Alcohol	7.02	79	446948	38.064	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	660050	38.323	ng	97
17) 2-Methylphenol	7.13	107	441744	38.219	ng	99
18) Hexachloroethane	7.40	117	160680	28.773	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	308563	31.963	ng	99
20) 3+4-Methylphenols	7.29	107	441202	32.137	ng	94
22) Acetophenone	7.29	105	610704	41.004	ng	# 93
24) Nitrobenzene	7.46	77	473043	38.682	ng	97
25) Isophorone	7.70	82	865061	38.130	ng	100
26) 2-Nitrophenol	7.78	139	212730	33.797	ng	94
27) 2,4-Dimethylphenol	7.82	122	366996	38.968	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	535671	38.487	ng	98
29) 2,4-Dichlorophenol	8.02	162	368548	37.627	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	424293	38.323	ng	99
31) Naphthalene	8.19	128	1270408	39.790	ng	97
32) Benzoic acid	7.82	122	366996	47.483	ng	# 14
33) 4-Chloroaniline	8.23	127	392721	27.769	ng	99
34) Hexachlorobutadiene	8.31	225	240525	37.883	ng	98
35) Caprolactam	8.63	113	26821	8.862	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	393272	38.708	ng	99
37) 2-Methylnaphthalene	8.87	142	848491	40.091	ng	99
38) 1-Methylnaphthalene	8.97	142	795454	39.570	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	387845	40.041	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	328801	59.508	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	254265	35.896	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	260531	35.915	ng	99
46) 1,1'-Biphenyl	9.34	154	1036786	41.230	ng	99
47) 2-Chloronaphthalene	9.36	162	814936	38.921	ng	99
48) 2-Nitroaniline	9.46	65	247694	38.220	ng	93
49) Acenaphthylene	9.78	152	1230331	39.655	ng	98
50) Dimethylphthalate	9.64	163	1202457	49.688	ng	99
51) 2,6-Dinitrotoluene	9.70	165	216172	39.306	ng	93
52) Acenaphthene	9.95	154	734985	36.693	ng	98
53) 3-Nitroaniline	9.86	138	203114	32.318	ng	99
54) 2,4-Dinitrophenol	9.97	184	14935	5.289	ng	93
55) Dibenzofuran	10.12	168	1092657	38.412	ng	99
56) 4-Nitrophenol	10.02	139	301448	62.900	ng	98
57) 2,4-Dinitrotoluene	10.10	165	276607	38.821	ng	97
58) Fluorene	10.46	166	786256	38.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	190346	31.389	ng	99
60) Diethylphthalate	10.33	149	893566	39.408	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	415439	36.839	ng	99
62) 4-Nitroaniline	10.47	138	207179	34.367	ng	97
63) Azobenzene	10.62	77	861450	39.168	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	57817	16.046	ng	89
66) n-Nitrosodiphenylamine	10.57	169	734003	40.010	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	263962	39.166	ng	96
68) Hexachlorobenzene	11.02	284	286044	37.165	ng	# 94
69) Atrazine	11.10	200	240572	39.974	ng	99
70) Pentachlorophenol	11.20	266	180563	38.357	ng	100
71) Phenanthrene	11.43	178	1153106	38.144	ng	97
72) Anthracene	11.47	178	1193240	38.193	ng	100
73) Carbazole	11.63	167	1023490	37.358	ng	98
74) Di-n-butylphthalate	11.96	149	1298094	38.466	ng	99
75) Fluoranthene	12.61	202	1107398	34.665	ng	99
77) Benzidine	12.72	184	103120	9.469	ng	100
78) Pyrene	12.84	202	1071963	41.156	ng	98
80) Butylbenzylphthalate	13.45	149	464869	41.867	ng	98
81) Benzo(a)anthracene	14.03	228	796394	39.322	ng	96
82) 3,3'-Dichlorobenzidine	13.98	252	268381	37.275	ng	97
83) Chrysene	14.06	228	783064	38.515	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	605227	44.005	ng	99
85) Di-n-octyl phthalate	14.62	149	935676	42.758	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	836029	48.400	ng	100
88) Benzo(b)fluoranthene	15.07	252	756340	36.354	ng	99
89) Benzo(k)fluoranthene	15.10	252	717256	38.669	ng	98
90) Benzo(a)pyrene	15.44	252	714331	39.948	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	702653	44.760	ng	99
92) Benzo(g,h,i)perylene	17.42	276	687153	43.890	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

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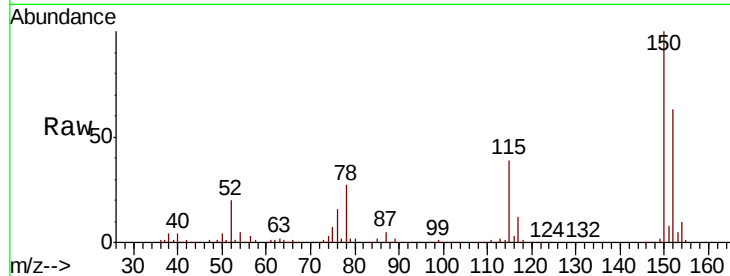
Tgt Ion:152 Resp: 190811

Ion Ratio Lower Upper

152 100

150 159.1 129.7 194.5

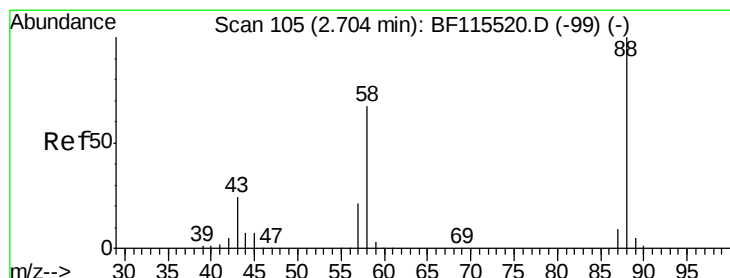
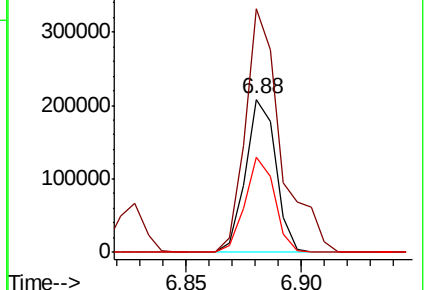
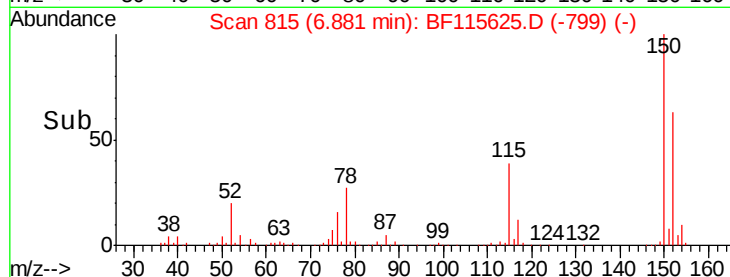
115 62.1 48.2 72.4



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: 33.309 ng

RT: 2.76 min Scan# 114

Delta R.T. 0.05 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

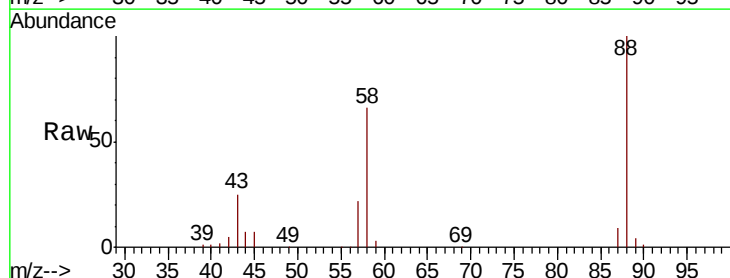
Tgt Ion: 88 Resp: 193819

Ion Ratio Lower Upper

88 100

58 67.5 52.6 79.0

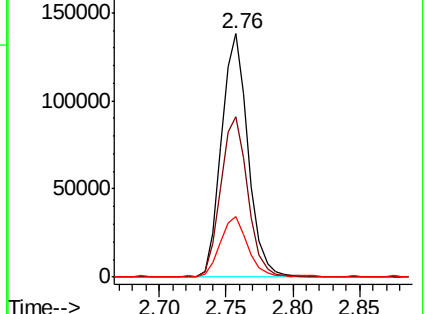
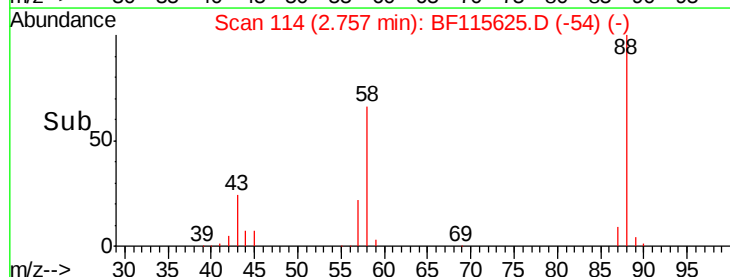
43 25.0 19.1 28.7

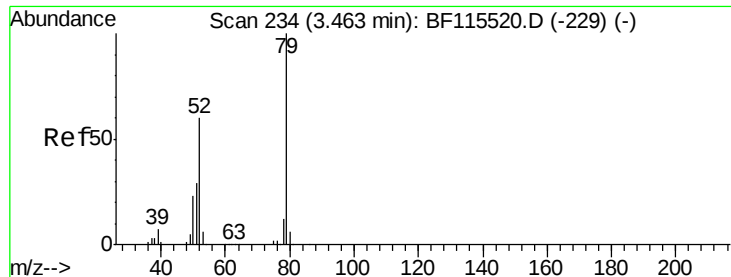


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 13.534 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.06 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

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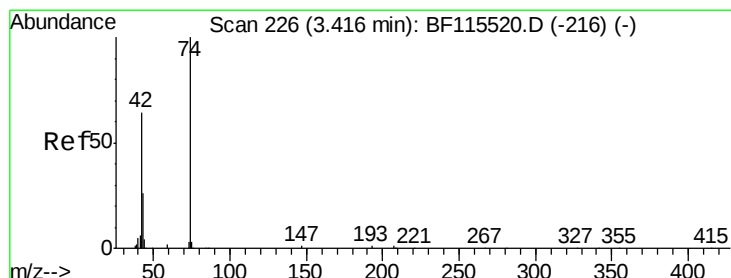
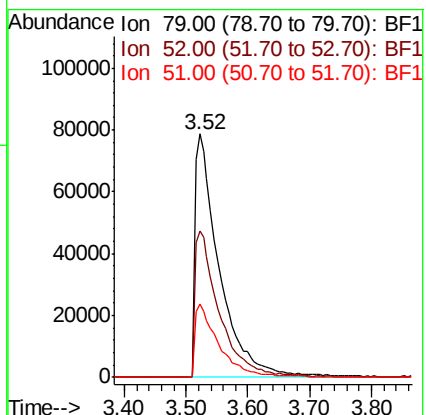
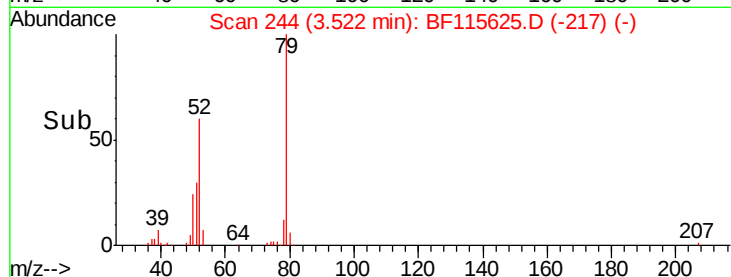
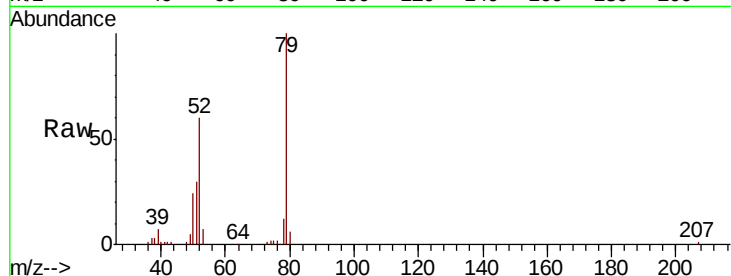
Tgt Ion: 79 Resp: 213663

Ion Ratio Lower Upper

79 100

52 60.3 47.8 71.6

51 30.1 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 38.485 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

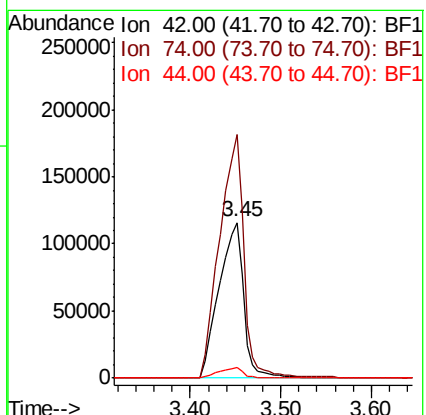
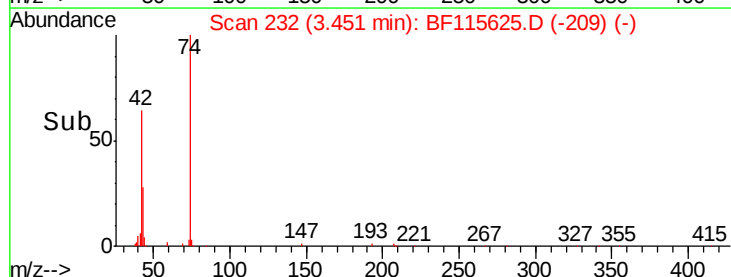
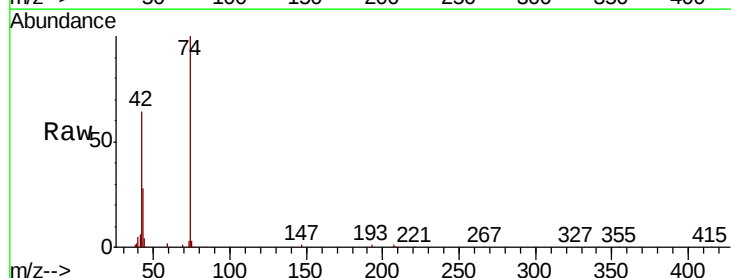
Tgt Ion: 42 Resp: 220414

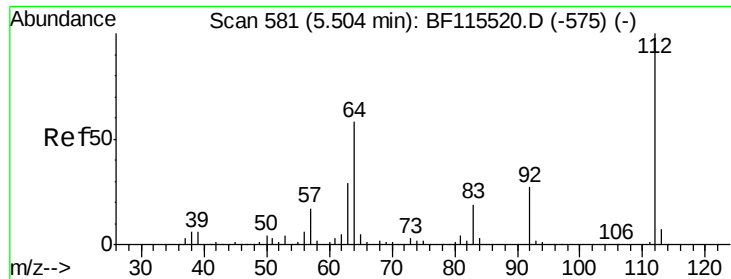
Ion Ratio Lower Upper

42 100

74 156.3 127.5 191.3

44 6.8 5.0 7.6





#5

2-Fluorophenol

Concen: 97.156 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

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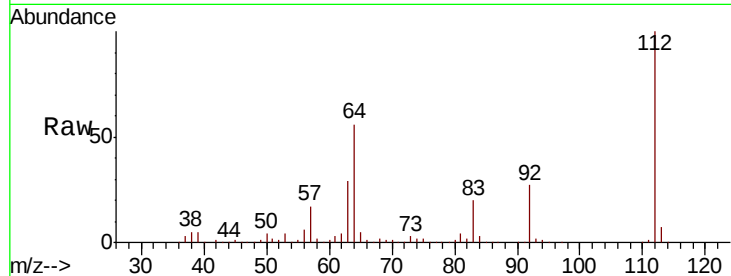
Tgt Ion: 112 Resp: 1133356

Ion Ratio Lower Upper

112 100

64 56.5 46.8 70.2

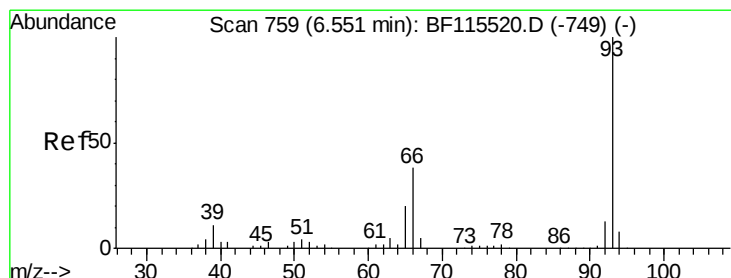
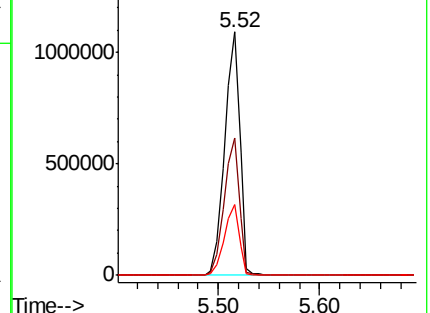
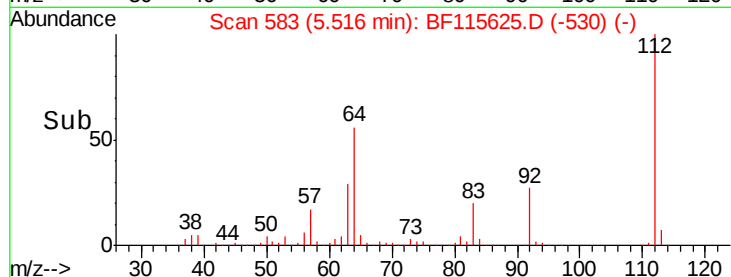
63 29.2 24.1 36.1



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: 25.066 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

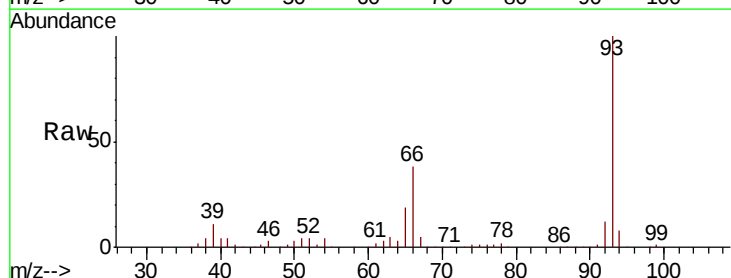
Tgt Ion: 93 Resp: 516345

Ion Ratio Lower Upper

93 100

66 37.6 31.7 47.5

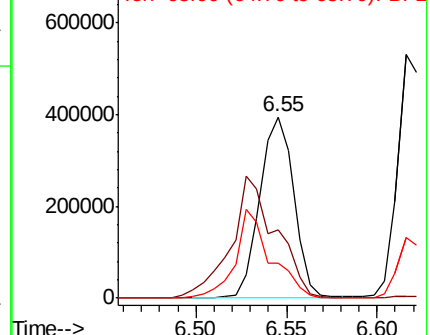
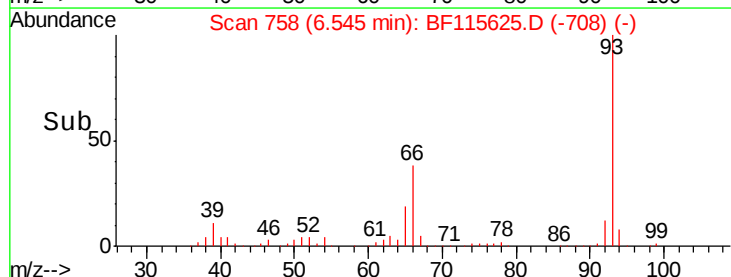
65 19.2 16.2 24.2

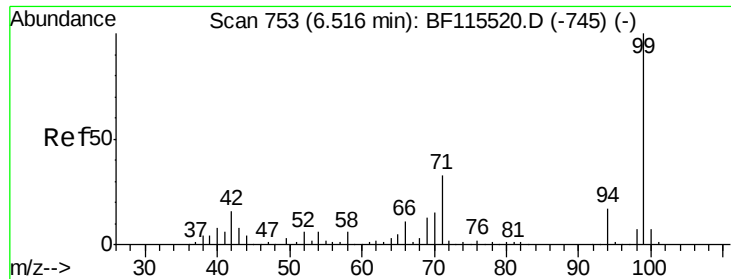


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.043 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

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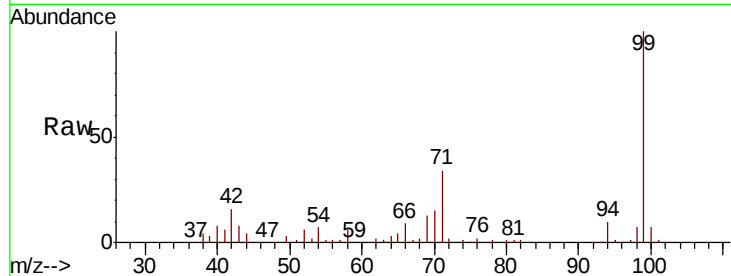
Tgt Ion: 99 Resp: 1540039

Ion Ratio Lower Upper

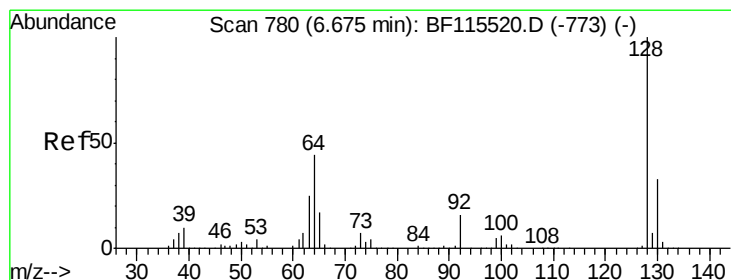
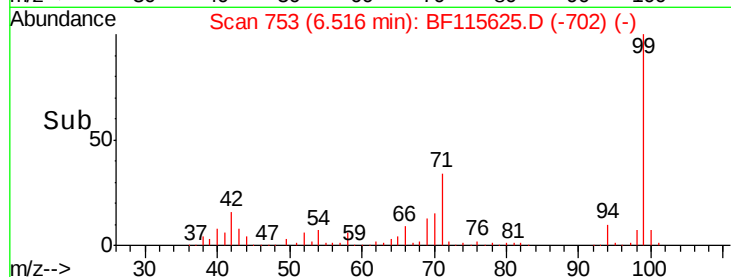
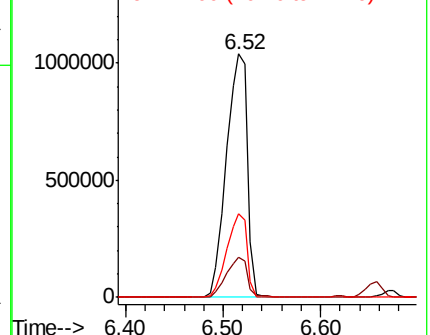
99 100

42 16.4 13.6 20.4

71 34.3 28.5 42.7



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: 37.863 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

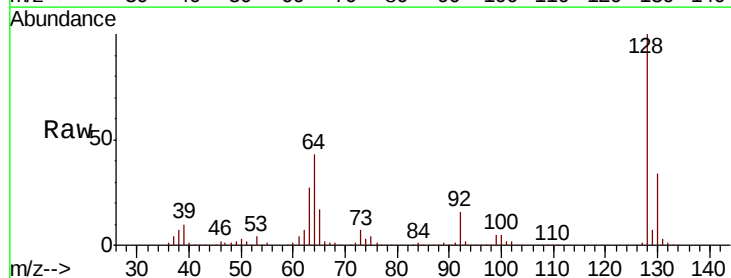
Tgt Ion: 128 Resp: 507812

Ion Ratio Lower Upper

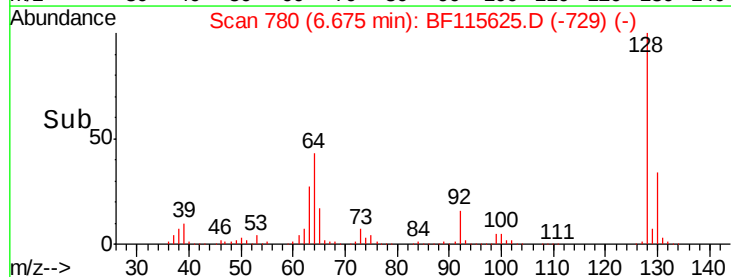
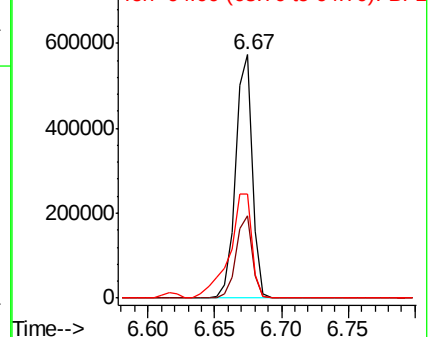
128 100

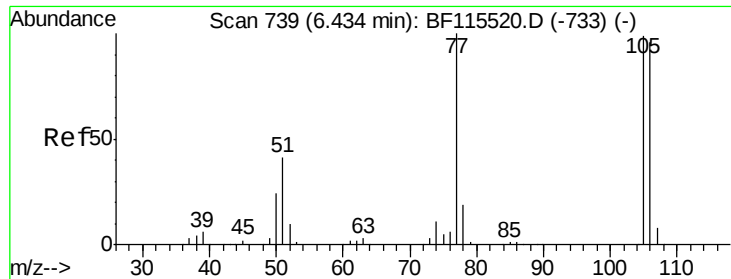
130 34.0 12.8 52.8

64 42.8 26.8 66.8



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

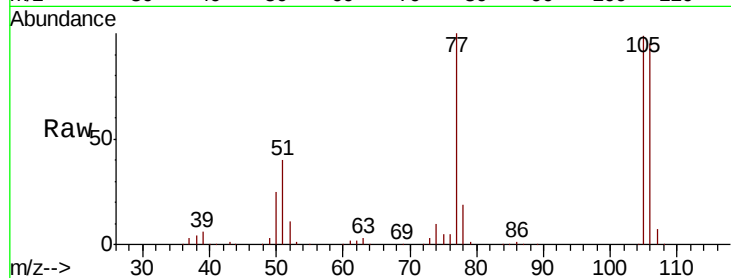




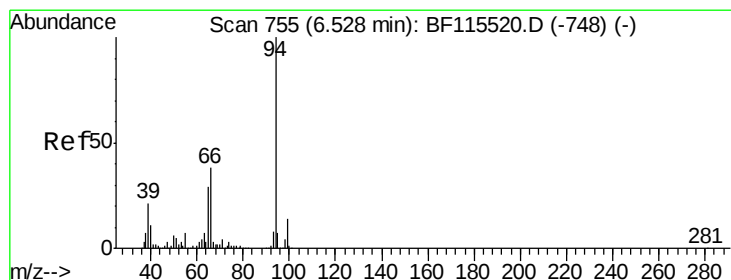
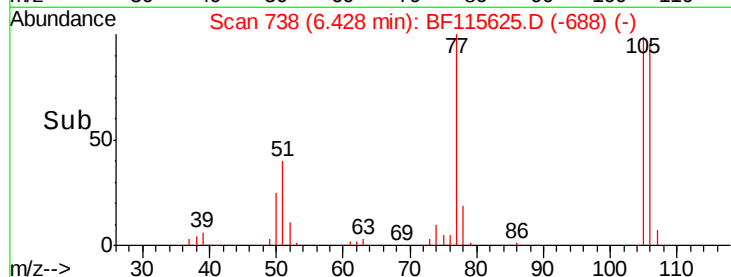
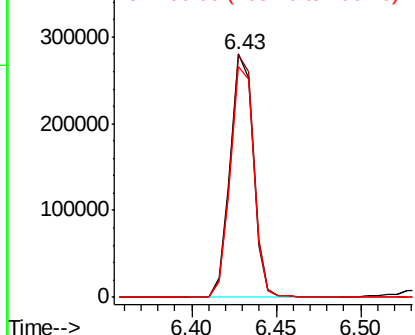
#9
Benzaldehyde
Concen: 28.859 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115625.D
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Tgt Ion: 77 Resp: 266945
Ion Ratio Lower Upper
77 100
105 99.3 78.8 118.8
106 95.0 75.6 115.6

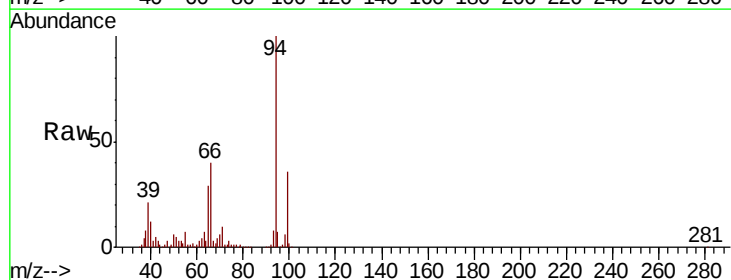


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

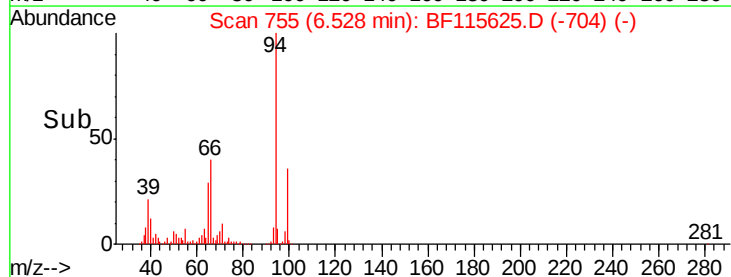
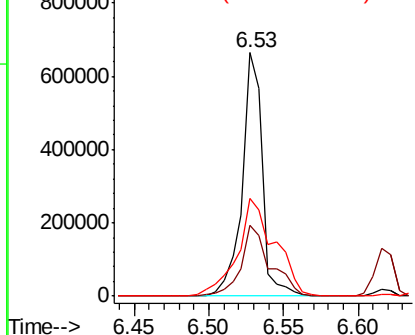


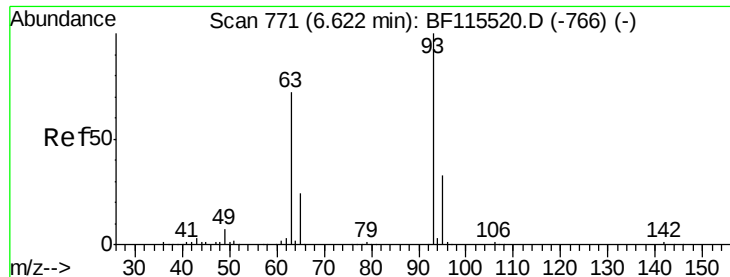
#10
Phenol
Concen: 36.038 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion: 94 Resp: 619235
Ion Ratio Lower Upper
94 100
65 28.9 14.5 54.5
66 40.1 31.3 71.3



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

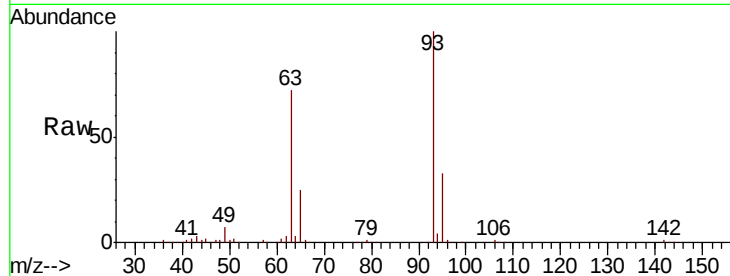




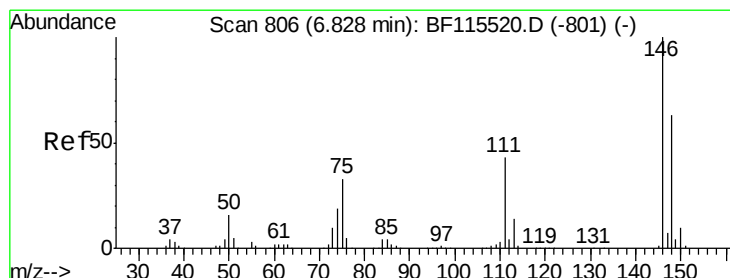
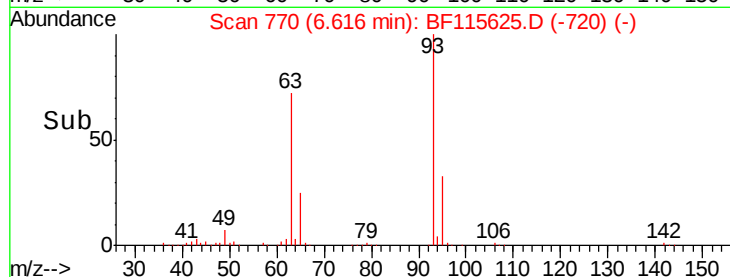
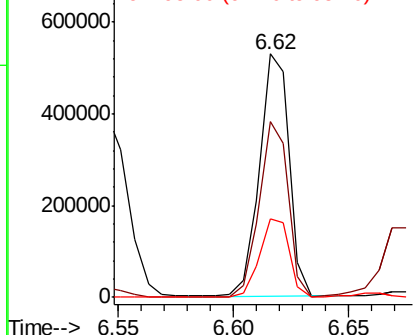
#11
bis(2-Chloroethyl)ether
Concen: 36.292 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion: 93 Resp: 474789
Ion Ratio Lower Upper
93 100
63 72.4 52.2 92.2
95 32.5 12.9 52.9

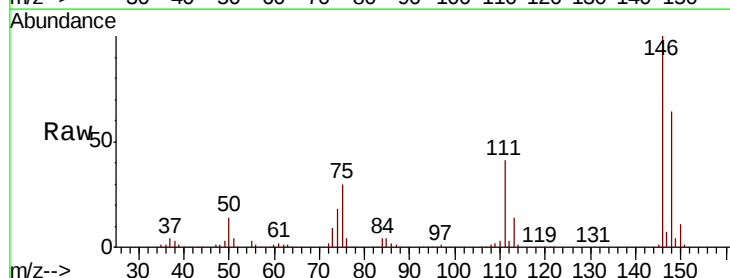


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

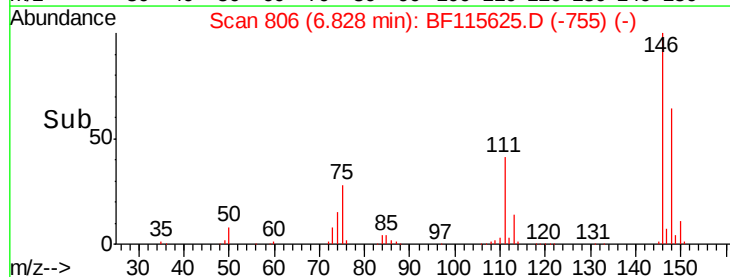
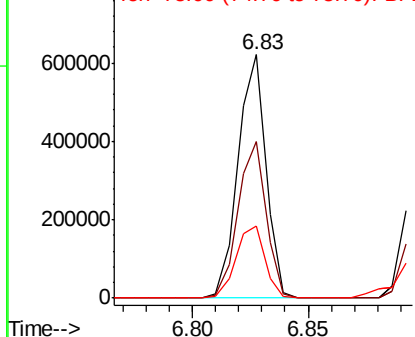


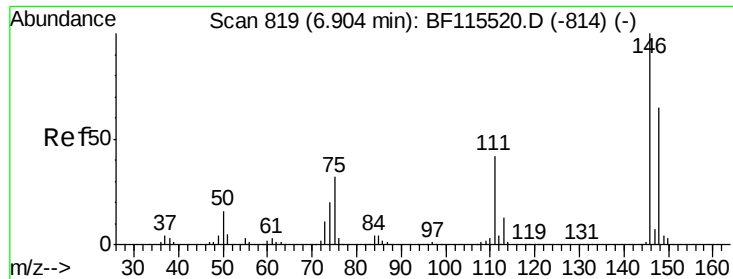
#12
1,3-Dichlorobenzene
Concen: 34.918 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion: 146 Resp: 526536
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 29.6 24.9 37.3



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

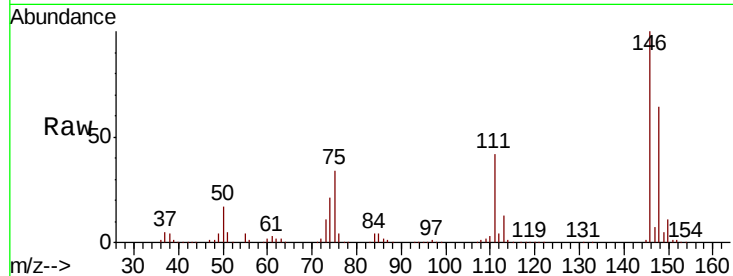




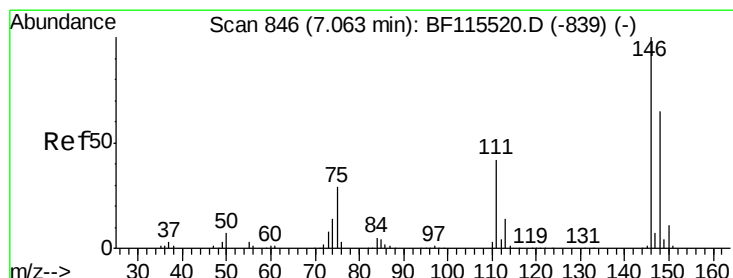
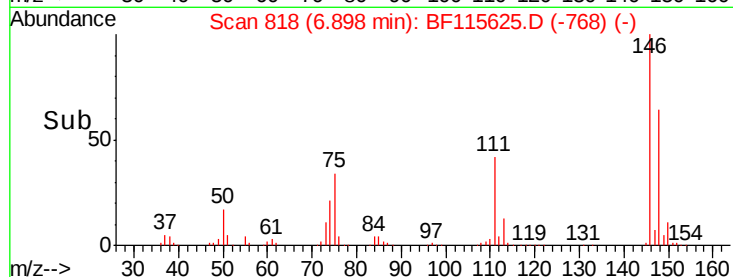
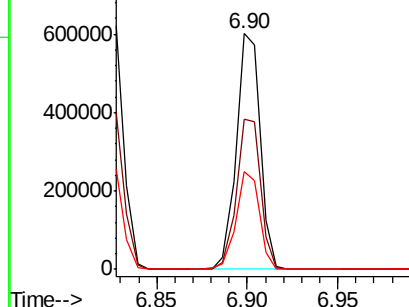
#13
1,4-Dichlorobenzene
Concen: 36.688 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:146 Resp: 551979
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 41.7 35.5 53.3

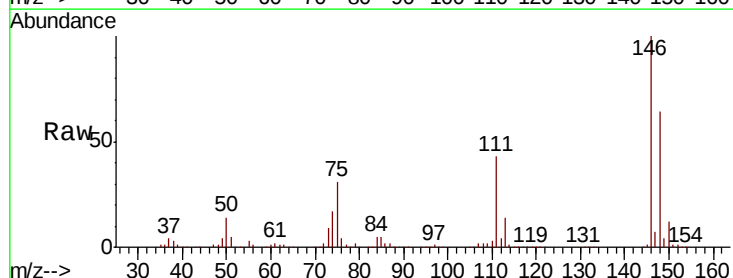


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

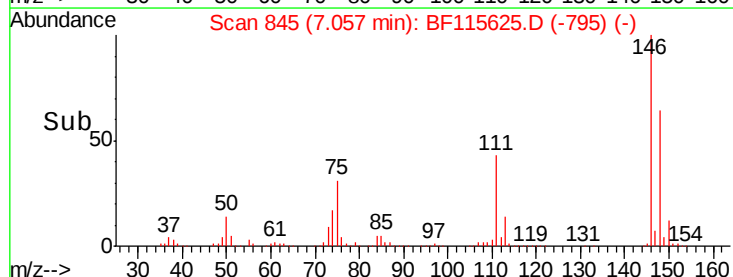
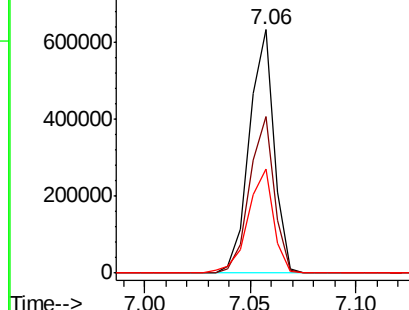


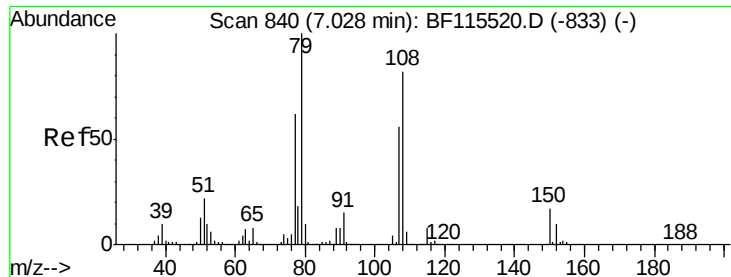
#14
1,2-Dichlorobenzene
Concen: 37.296 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:146 Resp: 512952
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.7 37.6 56.4



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: 38.064 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

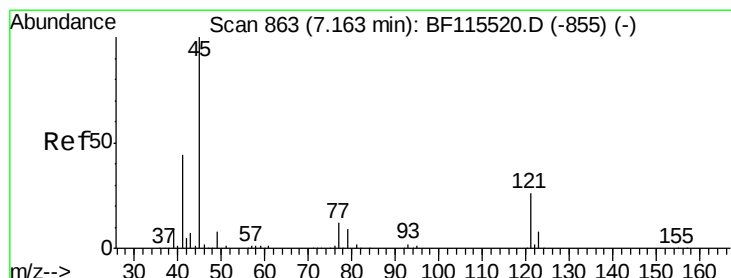
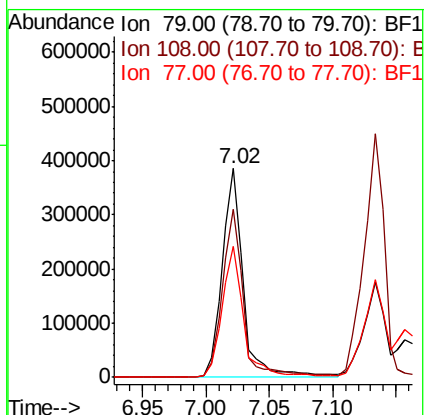
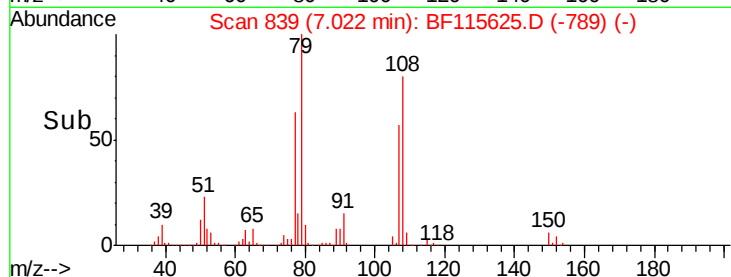
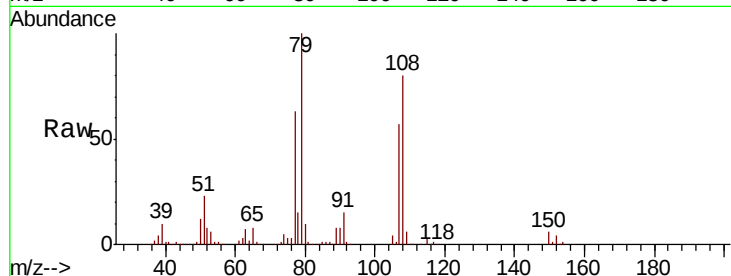
Tgt Ion: 79 Resp: 446948

Ion Ratio Lower Upper

79 100

108 80.2 64.2 96.4

77 62.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.323 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

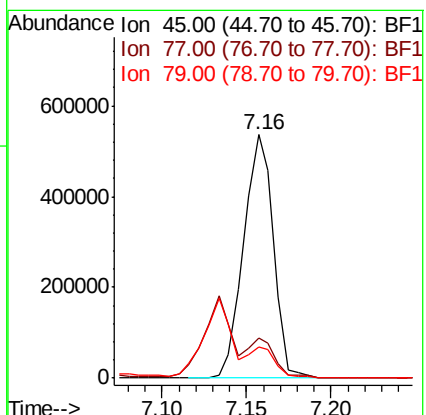
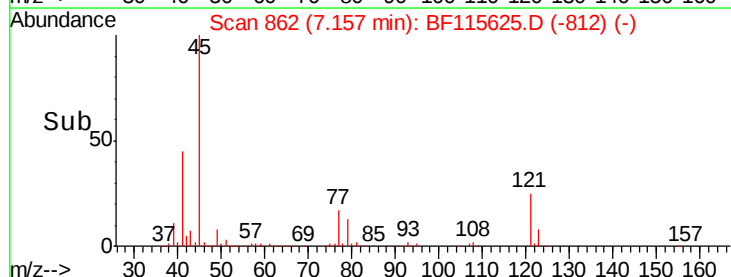
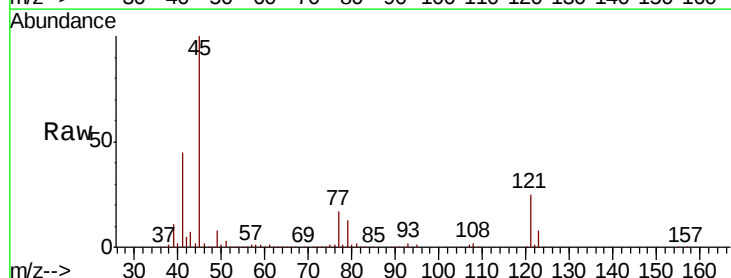
Tgt Ion: 45 Resp: 660050

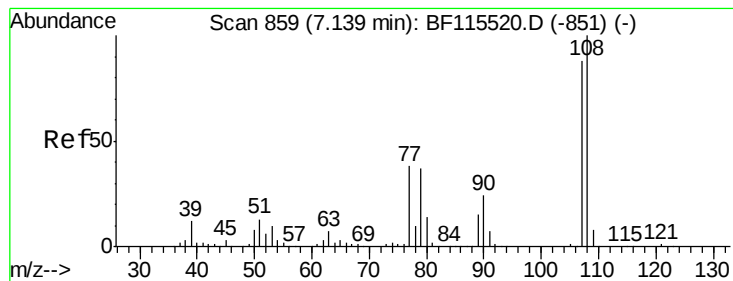
Ion Ratio Lower Upper

45 100

77 16.5 0.0 38.1

79 12.9 0.0 34.1

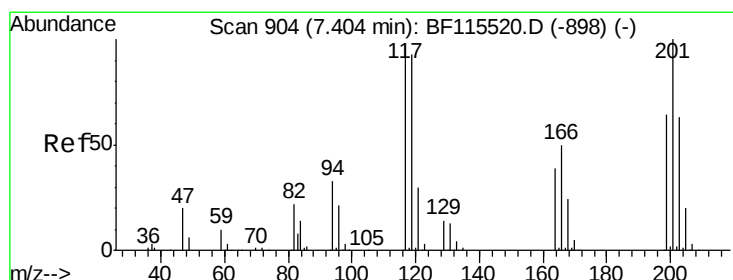
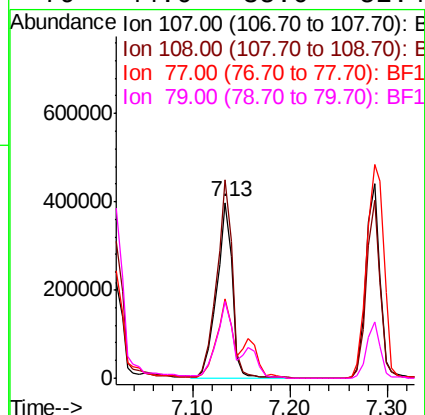
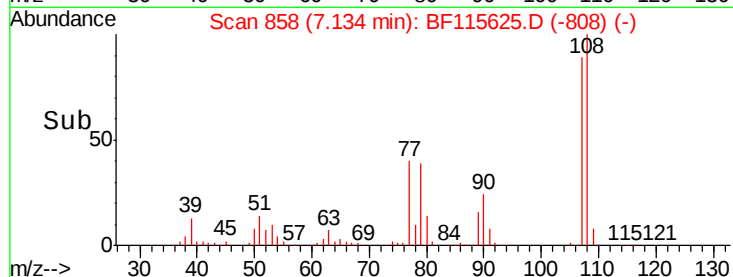
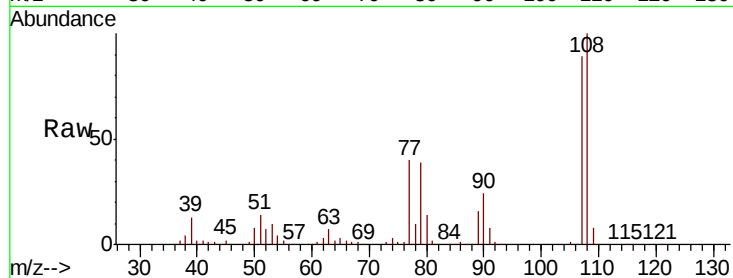




#17
2-Methylphenol
Concen: 38.219 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

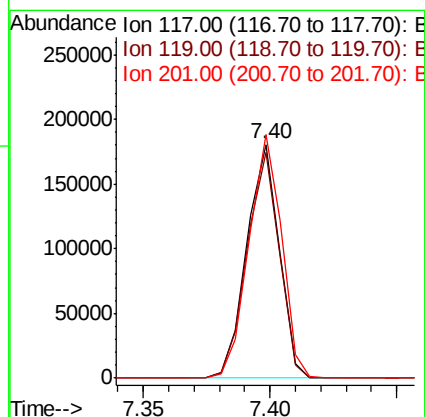
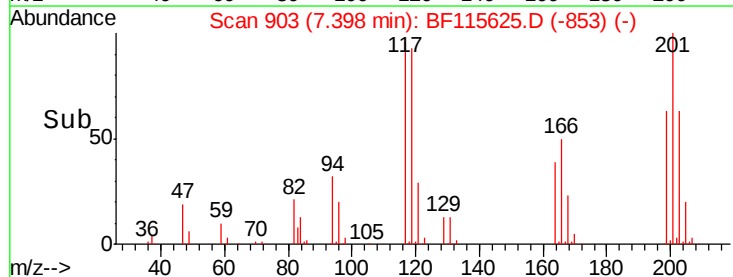
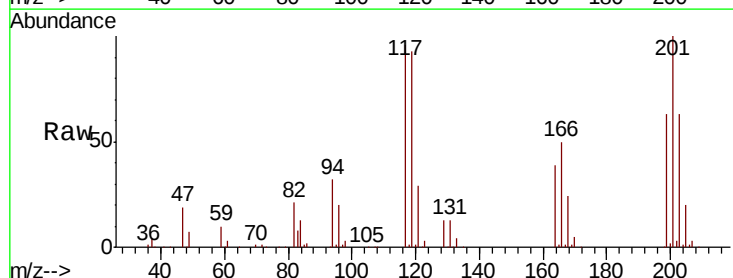
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

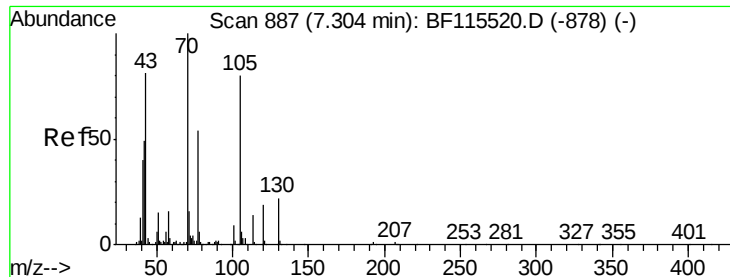
Tgt Ion:107 Resp: 441744
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.2
77 45.4 35.7 53.5
79 44.0 35.0 52.4



#18
Hexachloroethane
Concen: 28.773 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:117 Resp: 160680
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 104.2 86.0 129.0

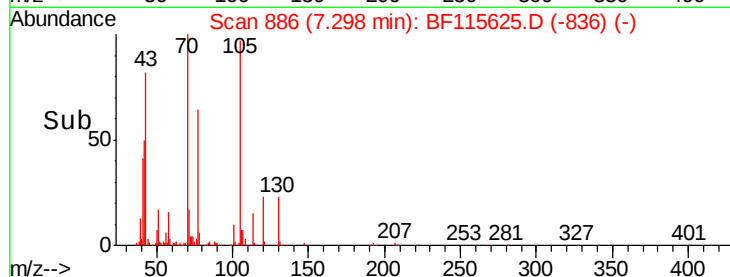
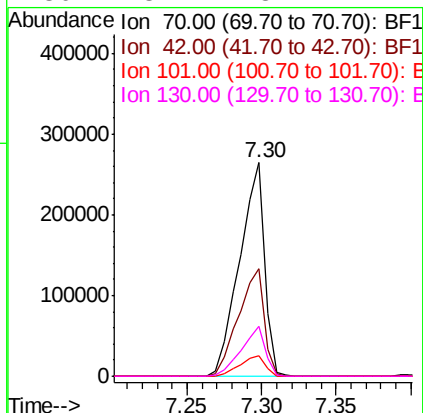
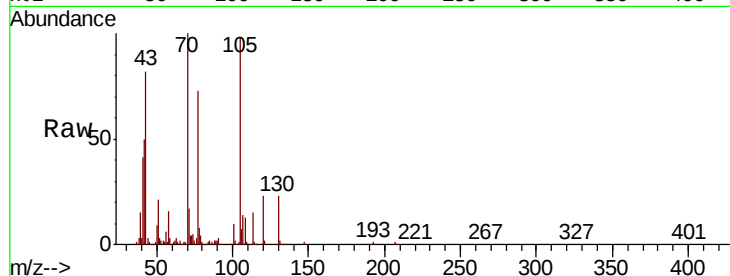




#19
n-Nitroso-di-n-propylamine
Concen: 31.963 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

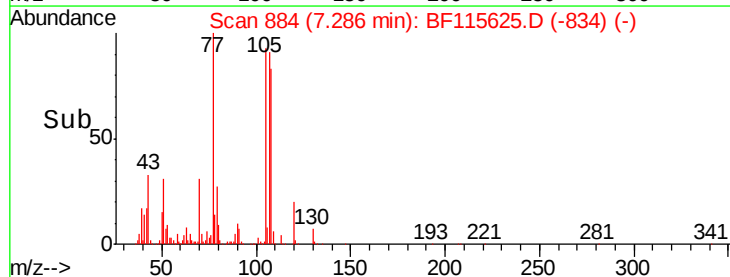
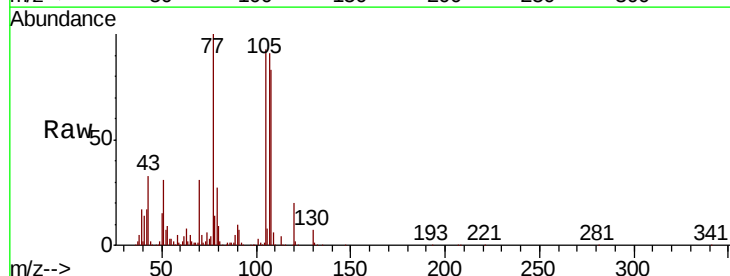
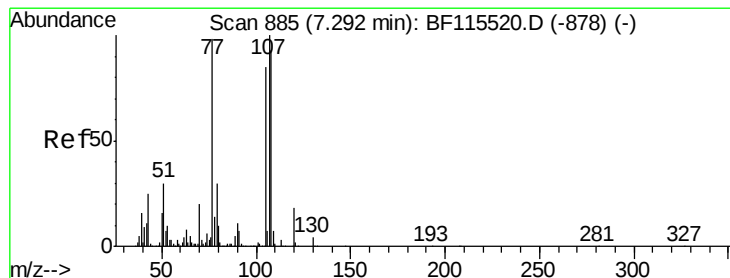
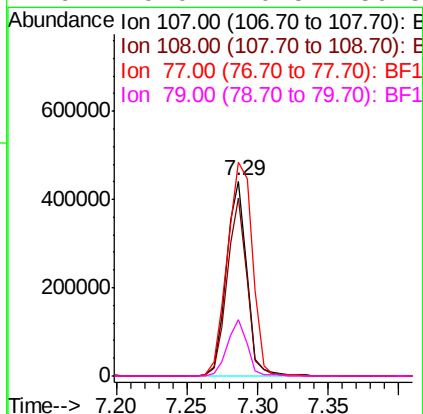
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:	70	Resp:	308563
Ion	Ratio	Lower	Upper
70	100		
42	50.2	39.6	59.4
101	9.7	8.1	12.1
130	23.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 32.137 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:	107	Resp:	441202
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.9	112.9
77	109.4	77.6	117.6
79	29.0	10.5	50.5

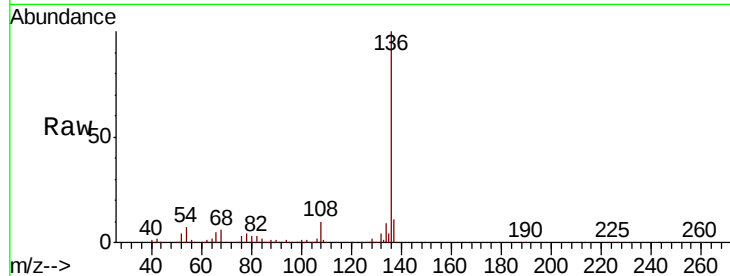




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:	136	Resp:	659260
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.6	8.4
68	5.9	5.0	7.6



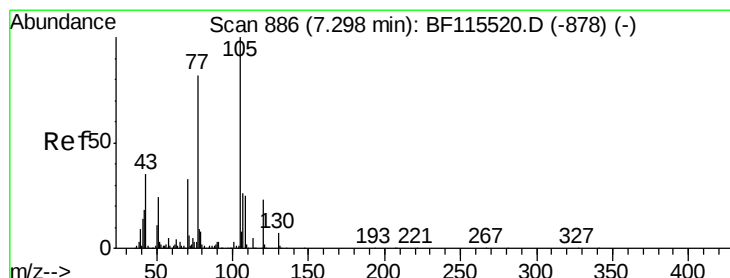
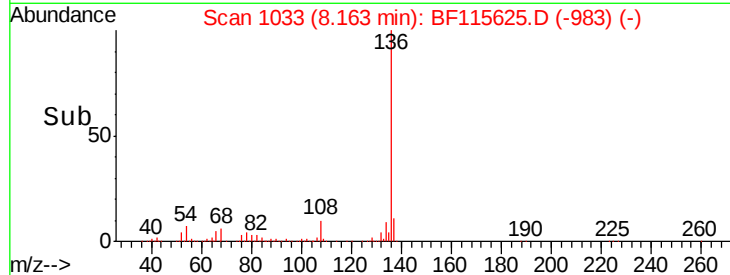
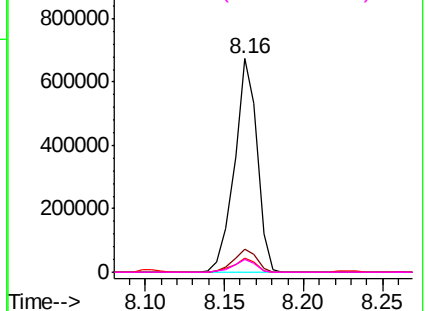
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

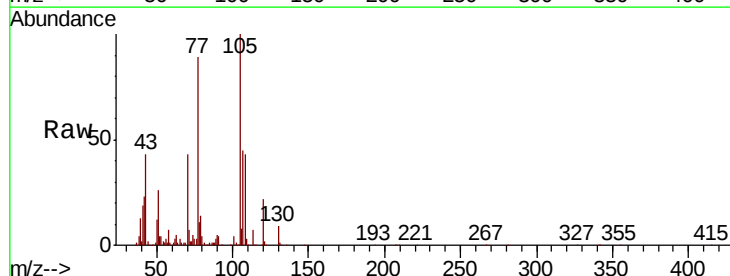
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.004 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:	105	Resp:	610704
Ion	Ratio	Lower	Upper
105	100		
71	7.4	3.5	5.3#
51	25.7	25.6	38.4
120	22.1	17.9	26.9



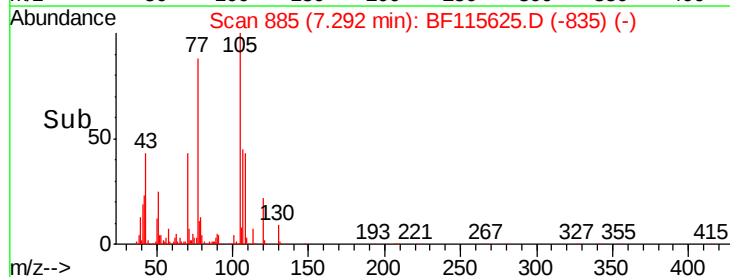
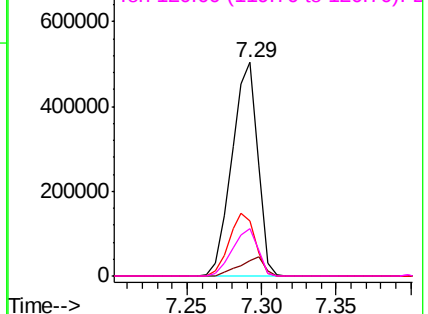
Abundance

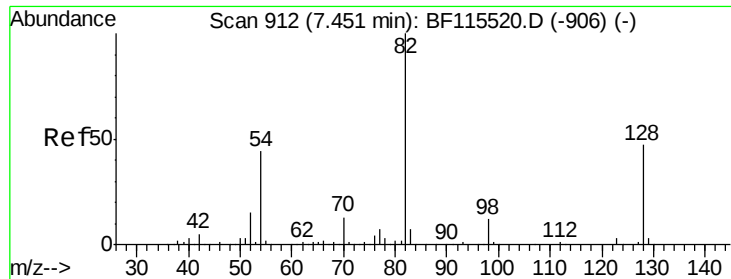
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

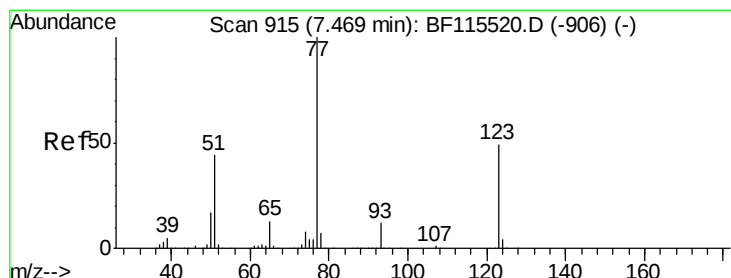
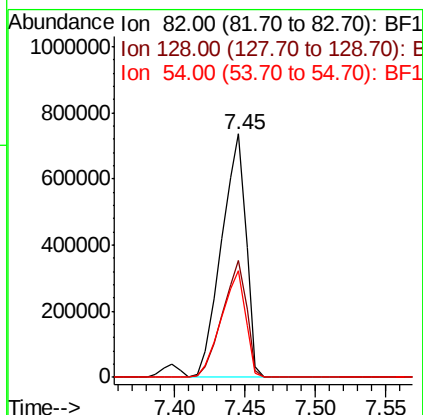
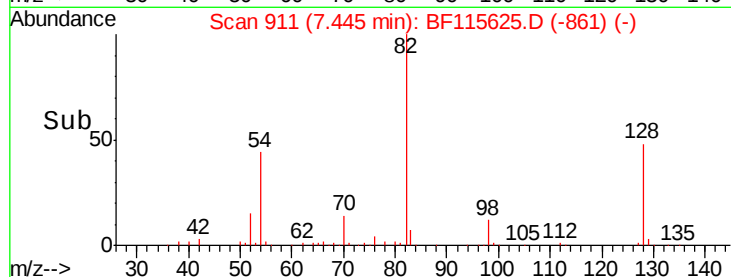
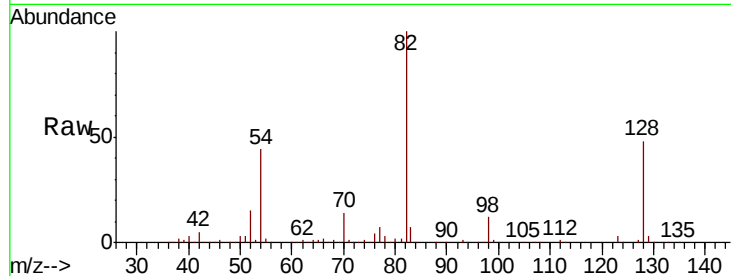




#23
Nitrobenzene-d5
Concen: 78.320 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

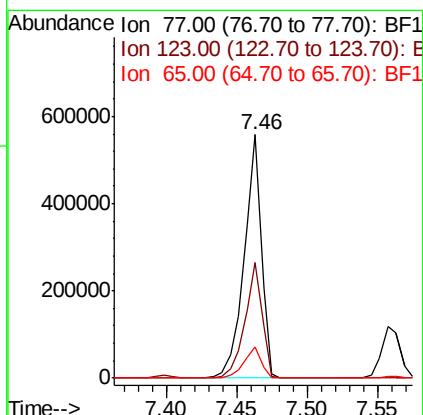
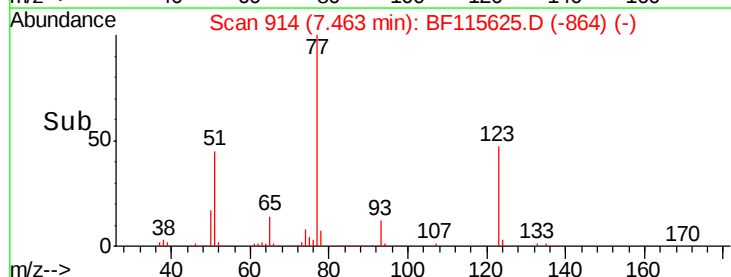
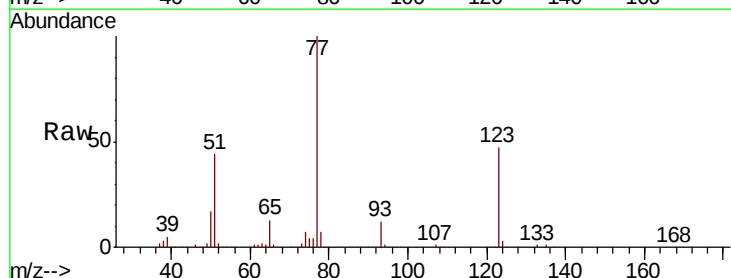
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

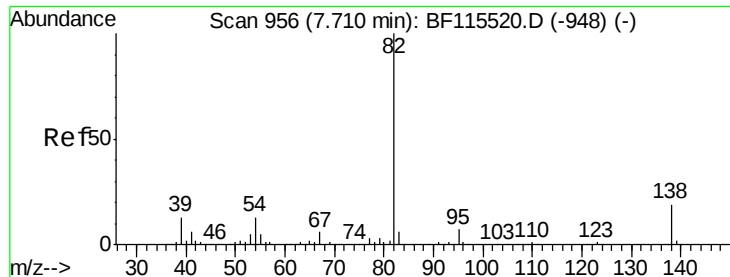
Tgt Ion: 82 Resp: 887985
Ion Ratio Lower Upper
82 100
128 48.0 38.6 57.8
54 44.0 35.6 53.4



#24
Nitrobenzene
Concen: 38.682 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion: 77 Resp: 473043
Ion Ratio Lower Upper
77 100
123 47.4 40.0 60.0
65 12.9 11.0 16.4





#25

Isophorone

Concen: 38.130 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

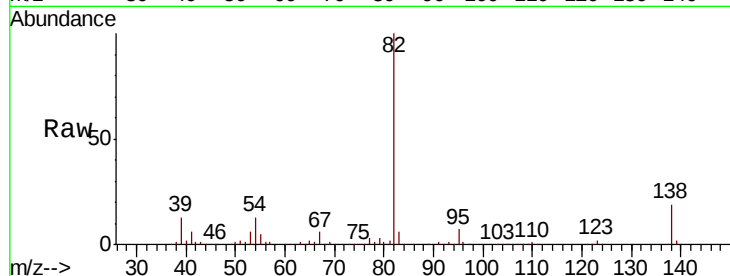
Tgt Ion: 82 Resp: 865061

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

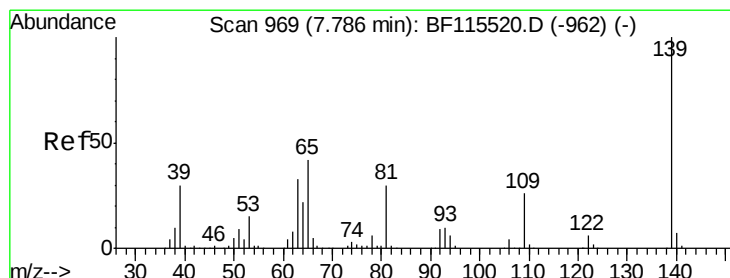
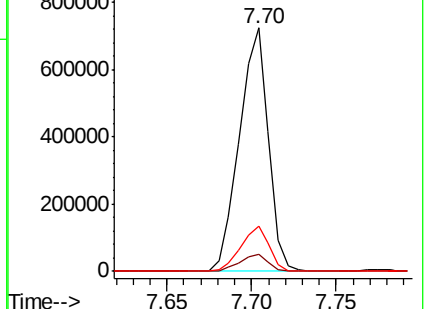
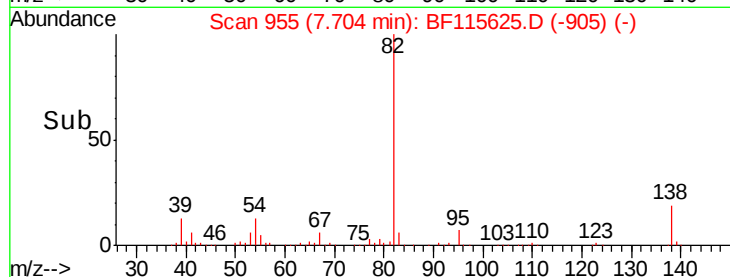
138 18.7 14.9 22.3



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: 33.797 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

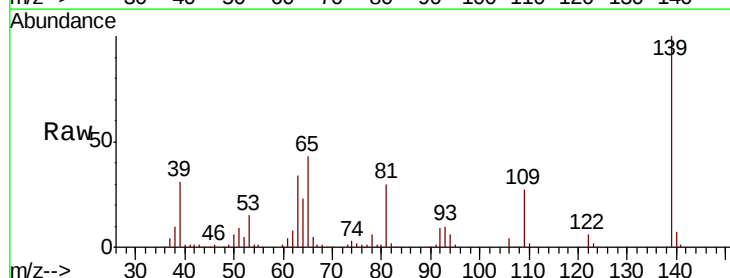
Tgt Ion: 139 Resp: 212730

Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

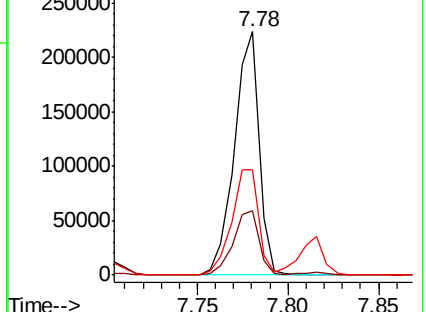
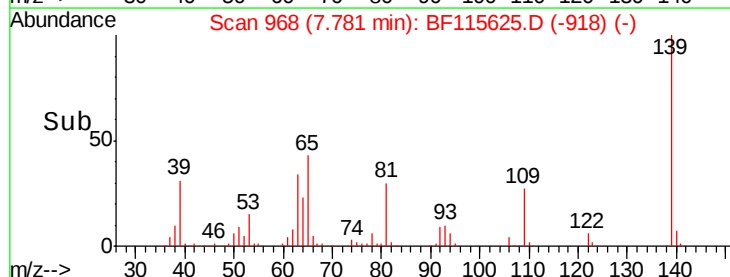
65 43.2 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.968 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

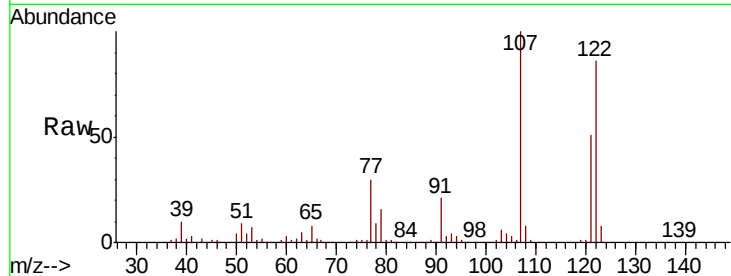
Tgt Ion:122 Resp: 366996

Ion Ratio Lower Upper

122 100

107 115.8 92.9 139.3

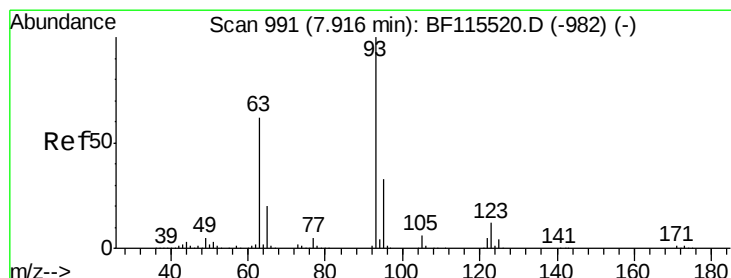
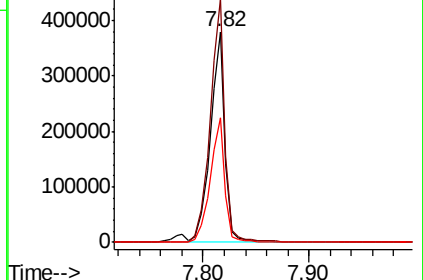
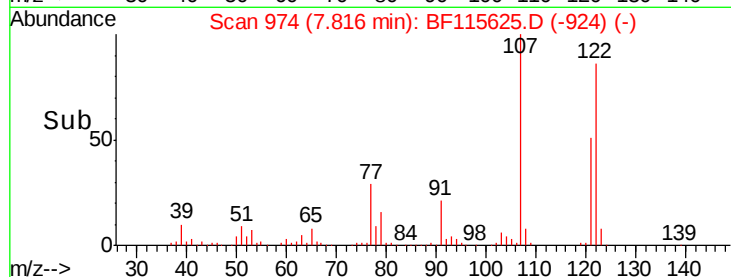
121 59.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.487 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

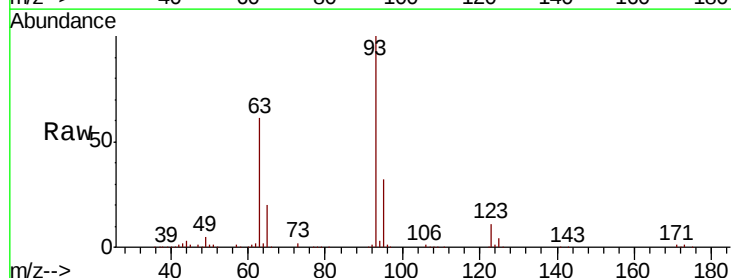
Tgt Ion: 93 Resp: 535671

Ion Ratio Lower Upper

93 100

95 32.4 27.0 40.4

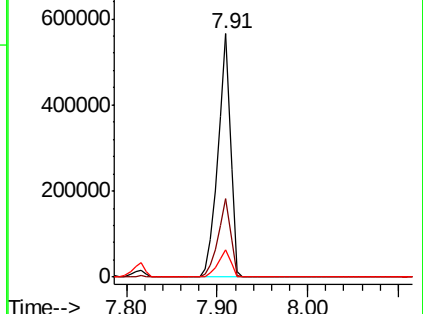
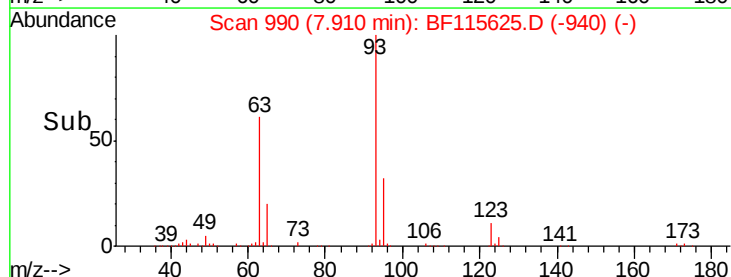
123 11.4 9.9 14.9



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

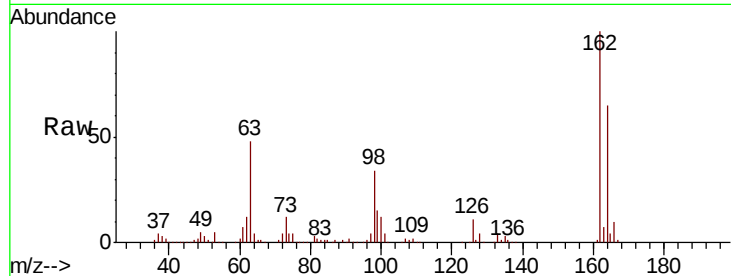




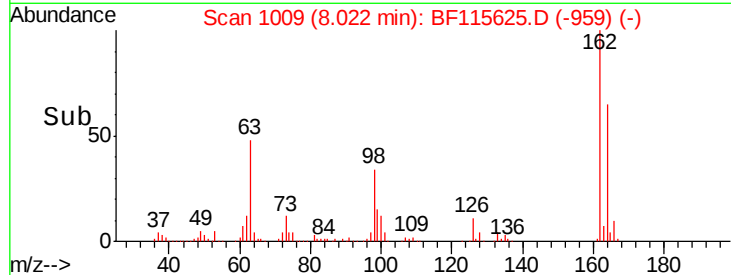
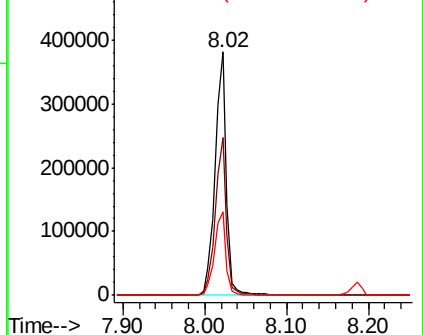
#29
2,4-Dichlorophenol
Concen: 37.627 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:162 Resp: 368548
Ion Ratio Lower Upper
162 100
164 65.0 44.9 84.9
98 34.3 17.7 57.7

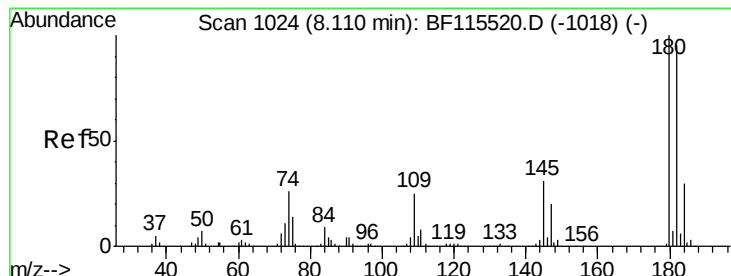


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

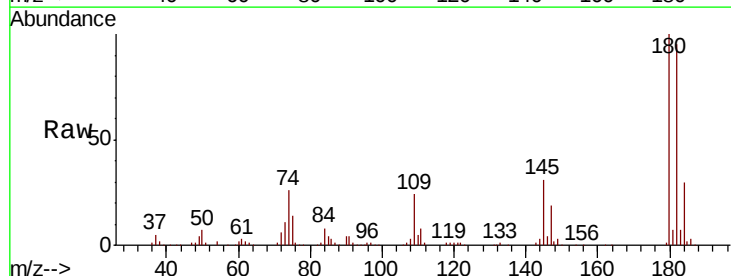
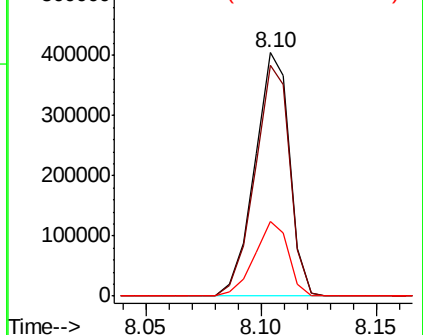


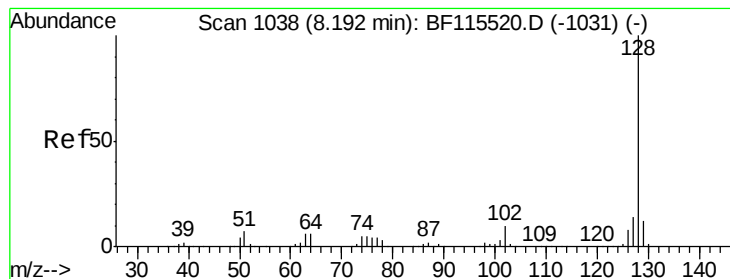
#30
1,2,4-Trichlorobenzene
Concen: 38.323 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:180 Resp: 424293
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 30.6 25.1 37.7



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: 39.790 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

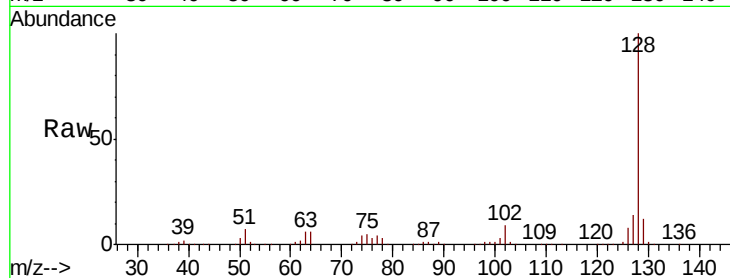
Tgt Ion:128 Resp: 1270408

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

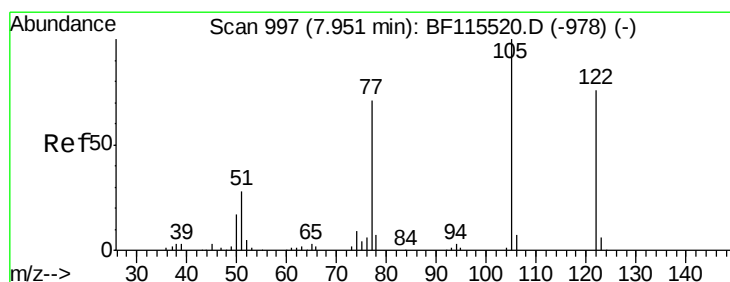
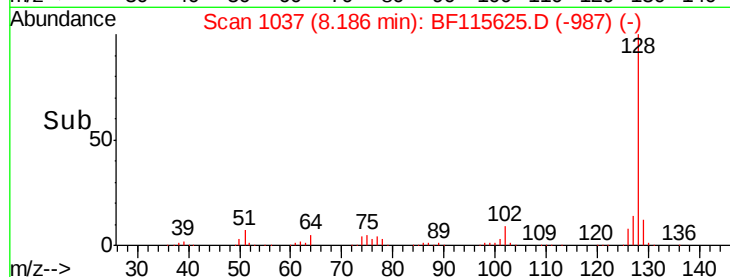
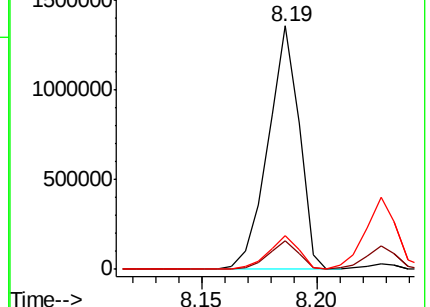
127 13.6 12.1 18.1



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: 47.483 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.14 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

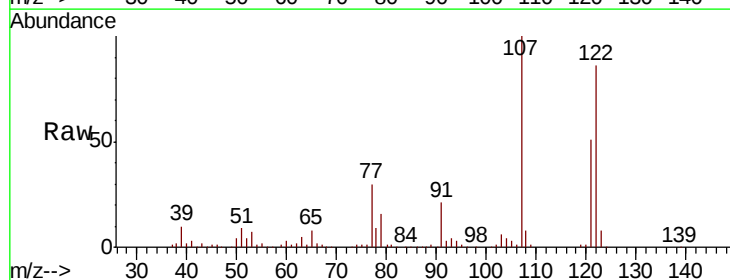
Tgt Ion:122 Resp: 366996

Ion Ratio Lower Upper

122 100

105 3.6 102.5 142.5#

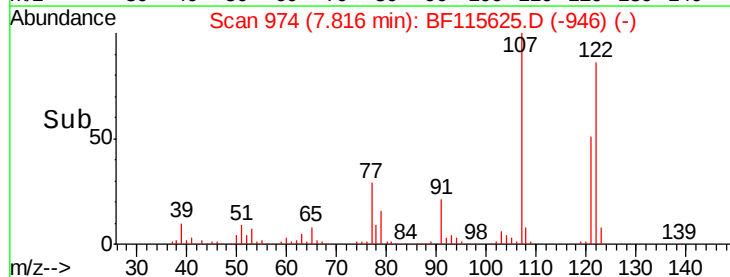
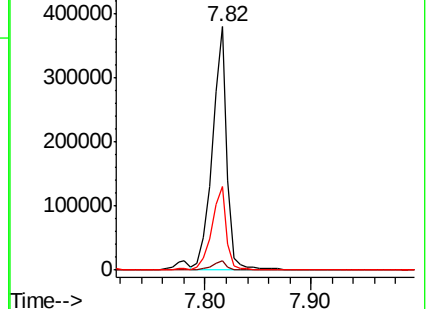
77 34.2 70.2 110.2#



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

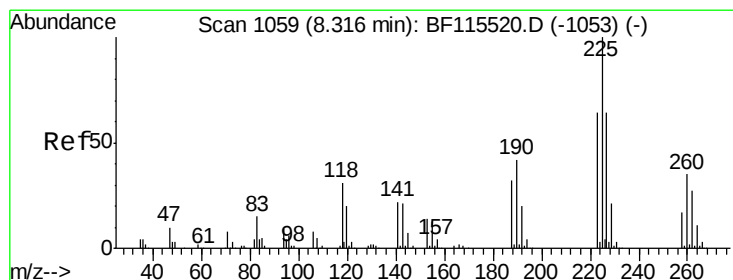
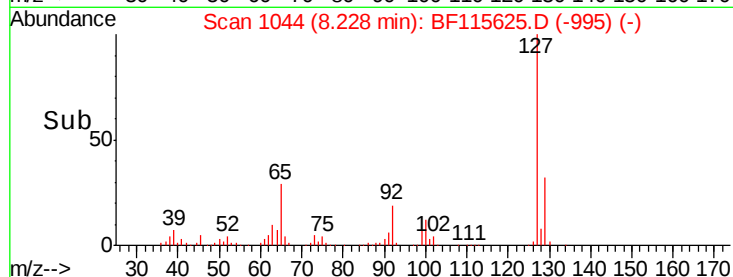
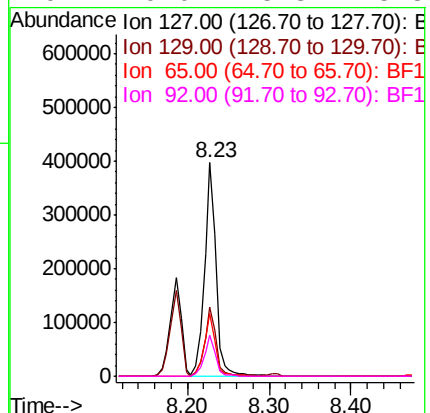
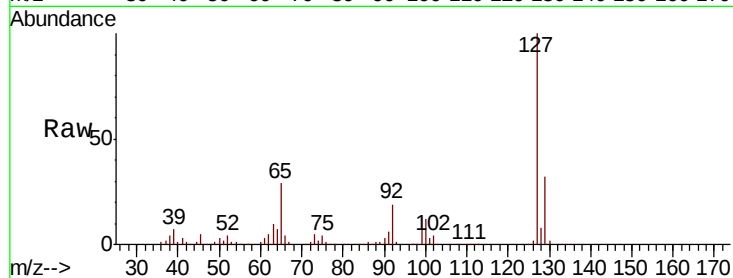




#33
 4-Chloroaniline
 Concen: 27.769 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

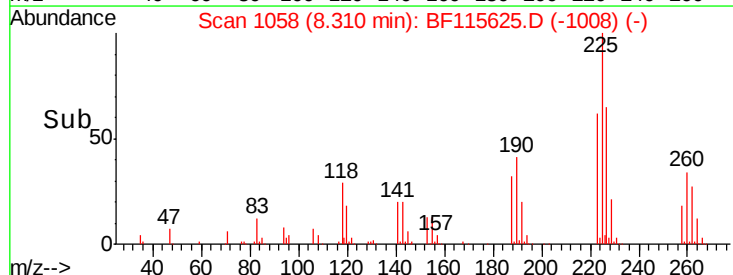
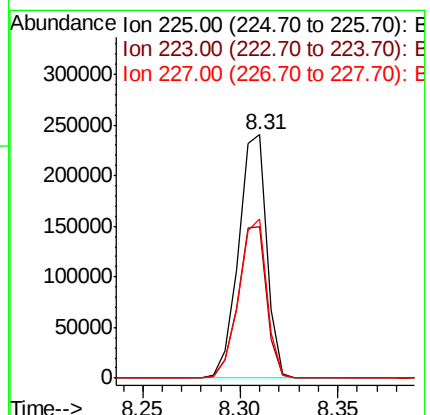
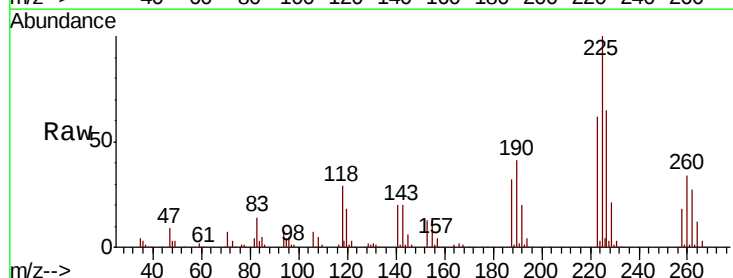
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

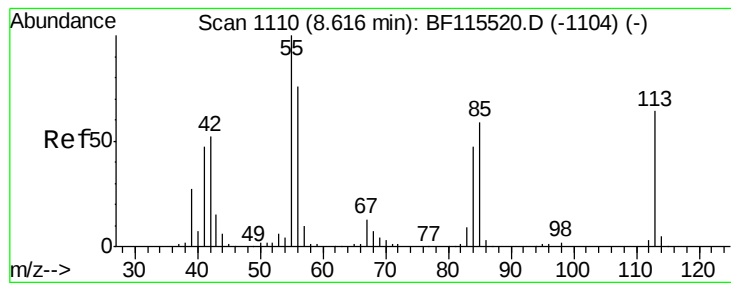
Tgt Ion:	127	Resp:	392721
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	29.1	23.7	35.5
92	19.0	15.8	23.8



#34
 Hexachlorobutadiene
 Concen: 37.883 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion:	225	Resp:	240525
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	65.4	50.7	76.1





#35

Caprolactam

Concen: 8.862 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

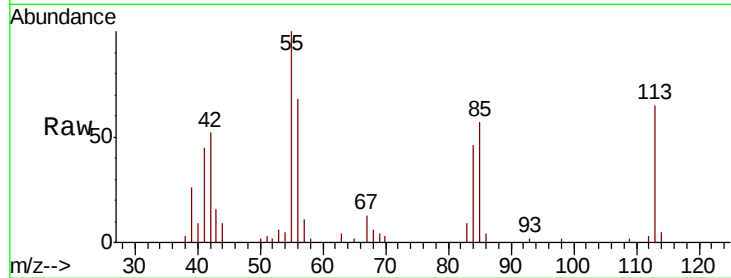
Tgt Ion:113 Resp: 26821

Ion Ratio Lower Upper

113 100

55 153.6 126.9 166.9

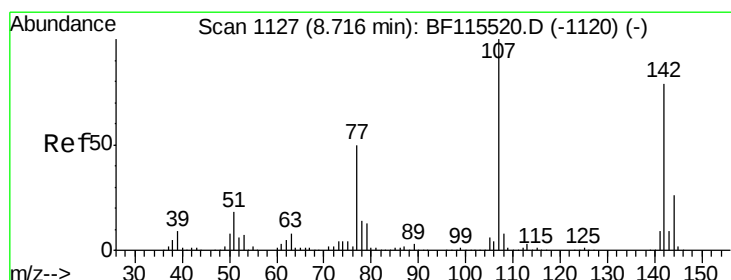
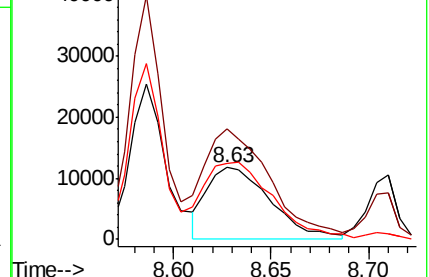
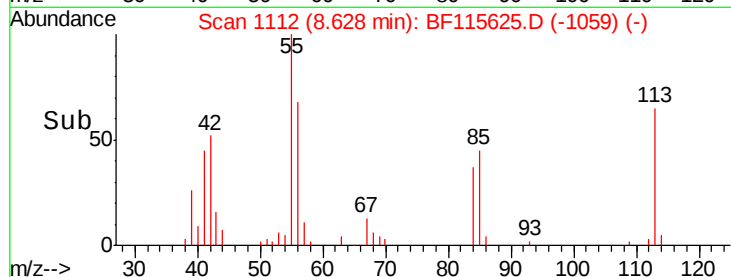
56 105.1 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.708 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

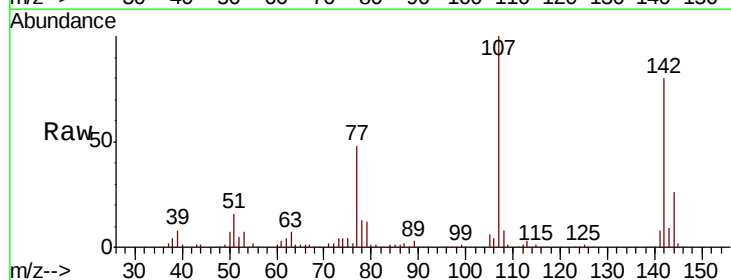
Tgt Ion:107 Resp: 393272

Ion Ratio Lower Upper

107 100

144 26.3 20.6 30.8

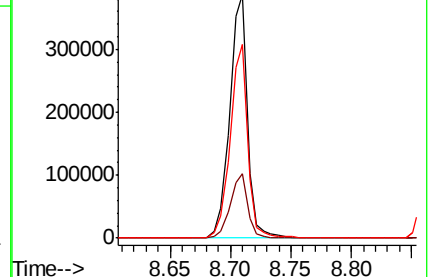
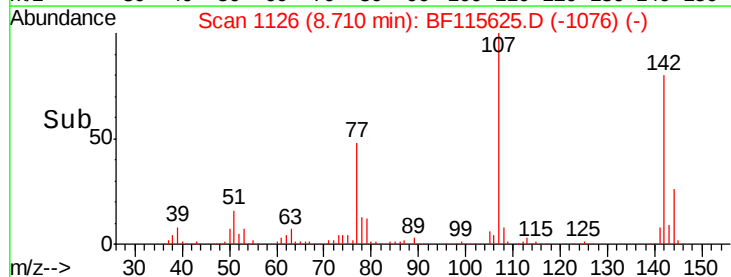
142 79.7 63.1 94.7

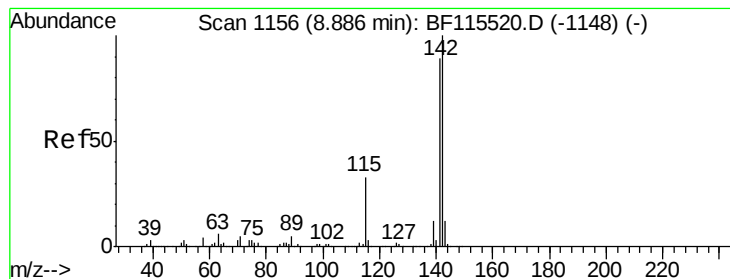


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.091 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

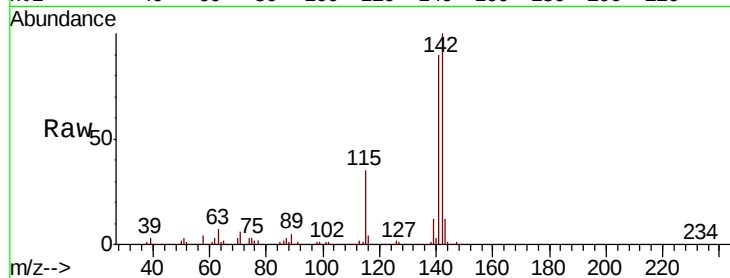
Tgt Ion:142 Resp: 848491

Ion Ratio Lower Upper

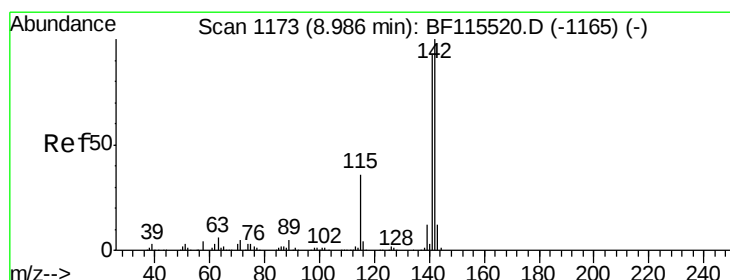
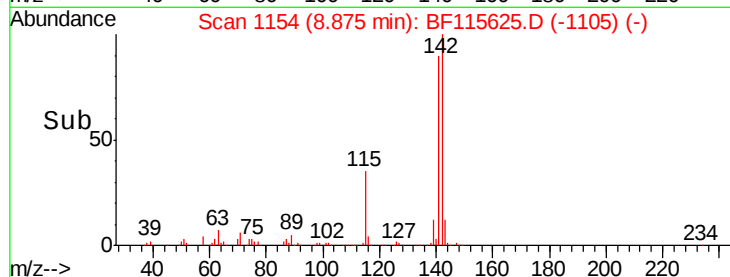
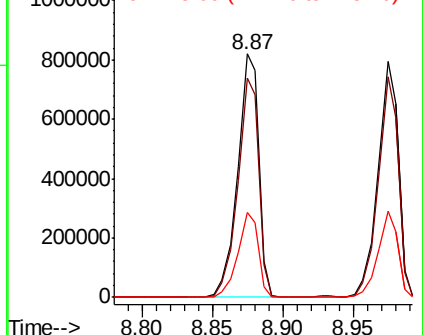
142 100

141 90.0 72.0 108.0

115 34.8 29.9 44.9



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: 39.570 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

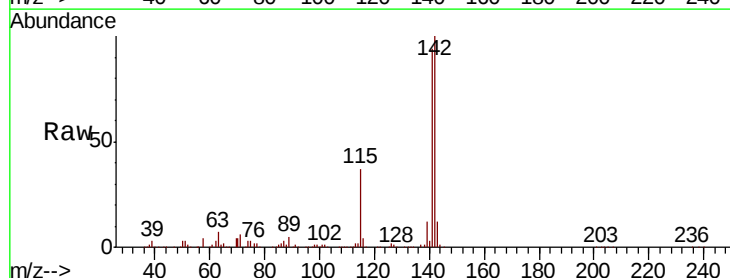
Tgt Ion:142 Resp: 795454

Ion Ratio Lower Upper

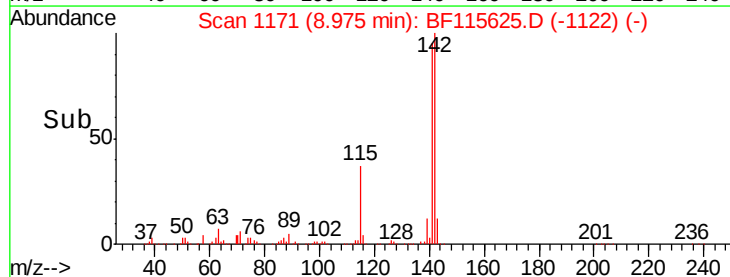
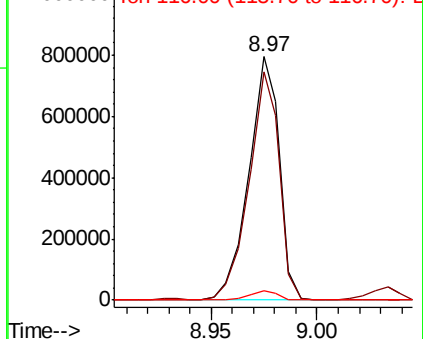
142 100

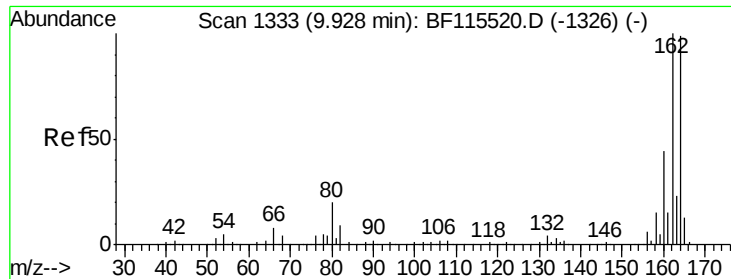
141 93.7 75.3 112.9

116 3.8 3.3 4.9



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

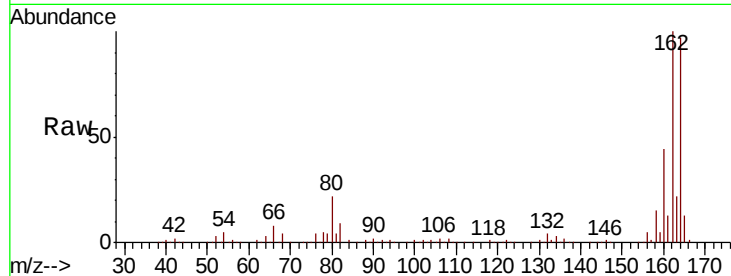




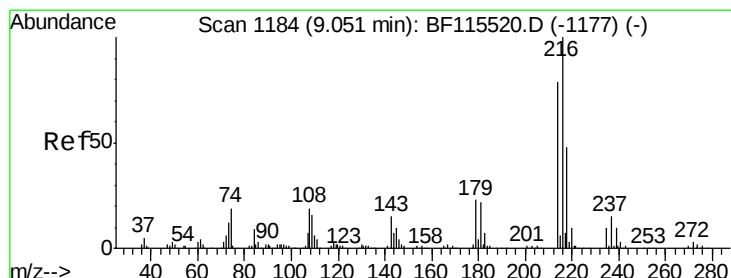
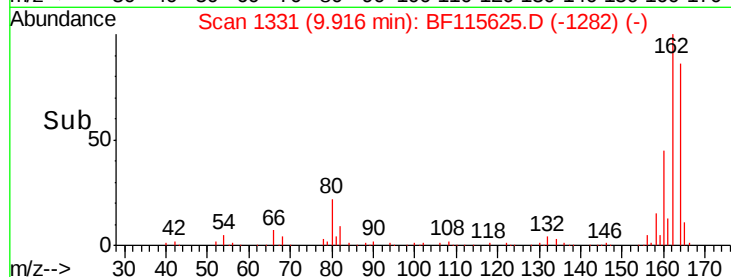
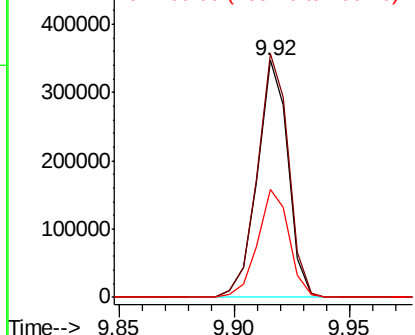
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:164 Resp: 321655
Ion Ratio Lower Upper
164 100
162 102.8 82.9 124.3
160 45.5 36.8 55.2

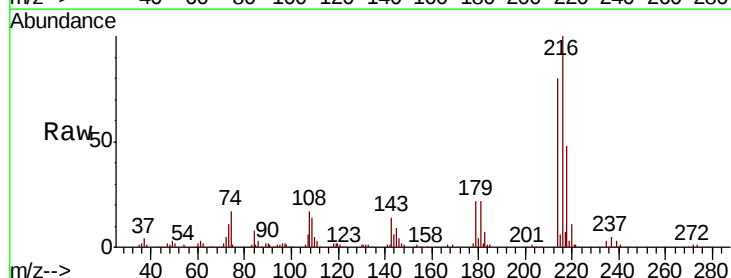


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

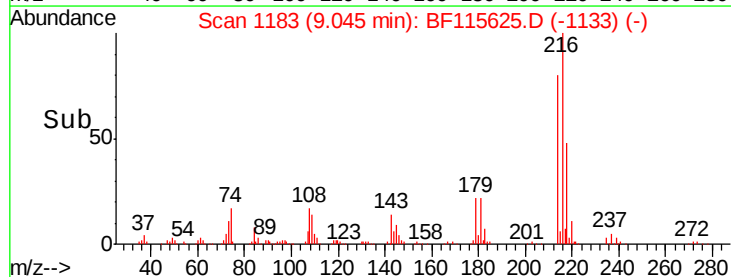
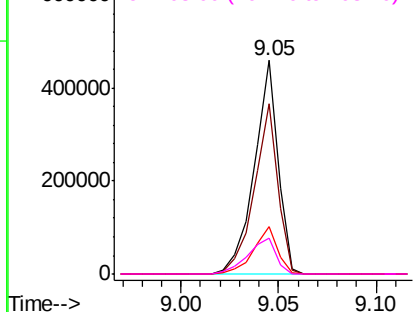


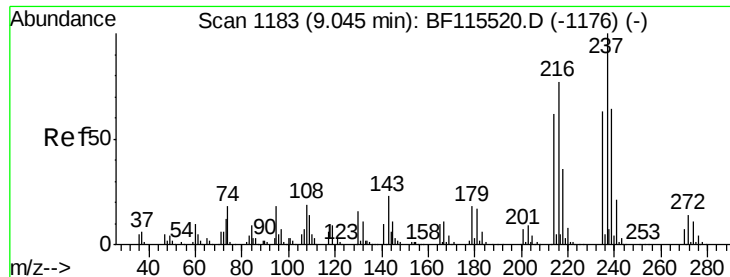
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.041 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:216 Resp: 387845
Ion Ratio Lower Upper
216 100
214 79.1 65.1 97.7
179 22.1 18.3 27.5
108 19.9 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 59.508 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

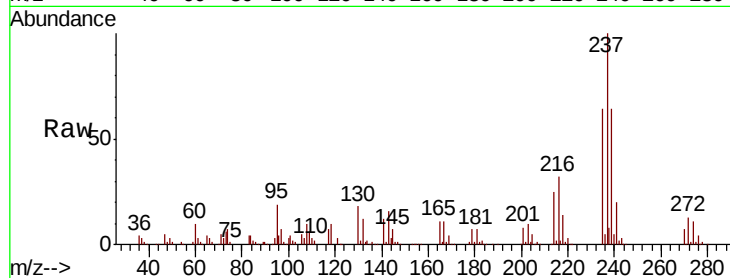
Tgt Ion:237 Resp: 328801

Ion Ratio Lower Upper

237 100

235 64.1 43.6 83.6

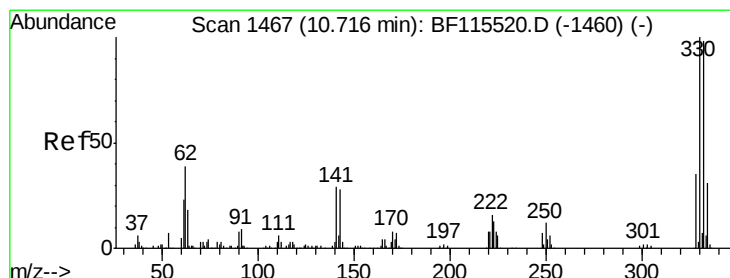
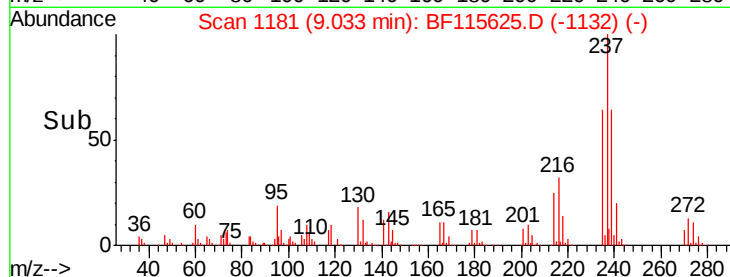
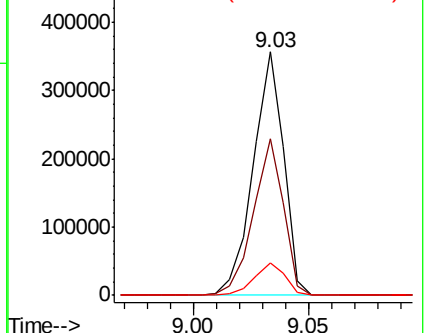
272 13.3 0.0 33.9



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: 96.831 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

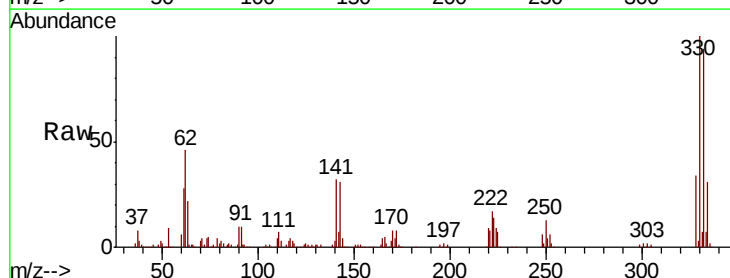
Tgt Ion:330 Resp: 363550

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

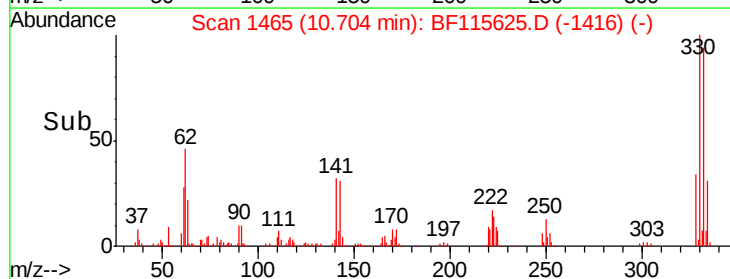
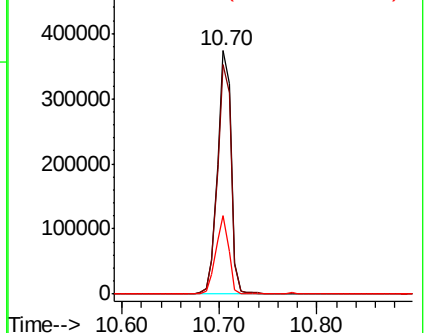
141 30.6 22.4 33.6



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

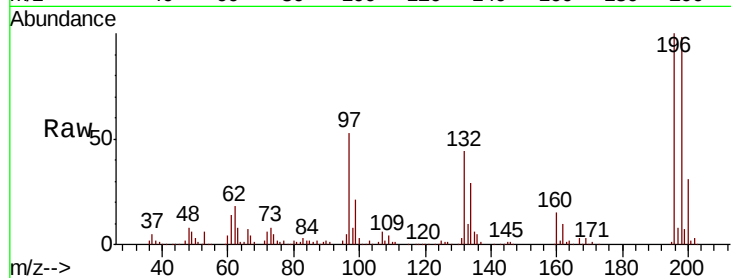




#43
 2,4,6-Trichlorophenol
 Concen: 35.896 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	80.6	121.0
200	31.4	25.8	38.6

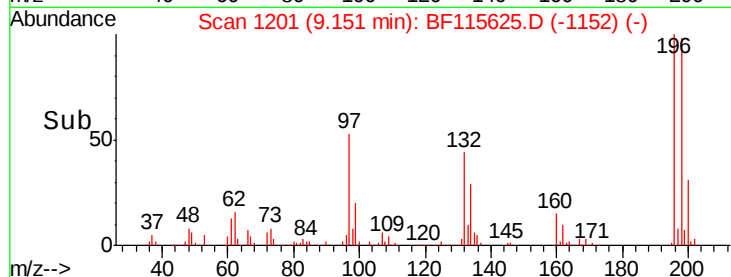
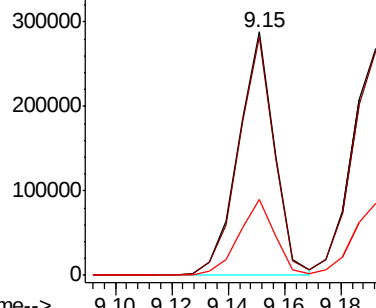


Abundance

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: 35.915 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.6	119.4
97	45.5	37.8	56.6
132	28.2	22.8	34.2

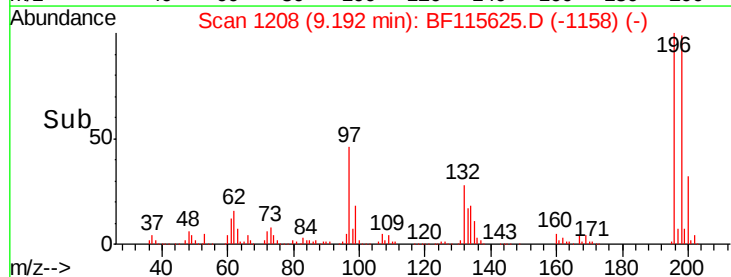
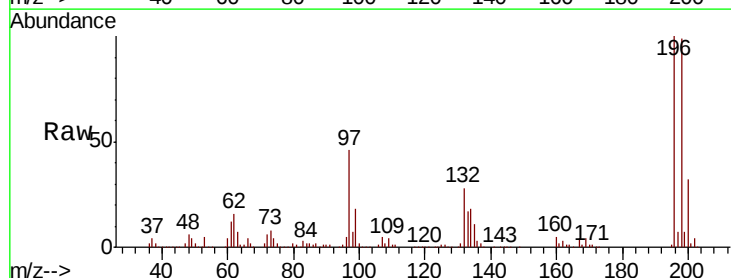
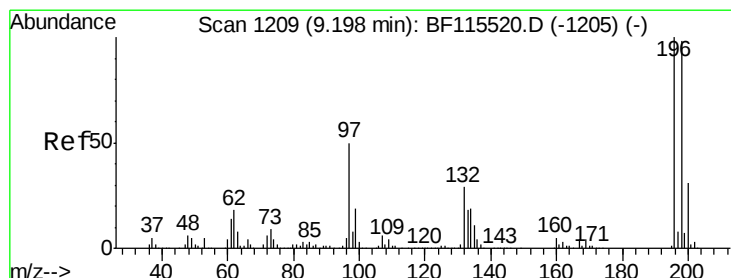
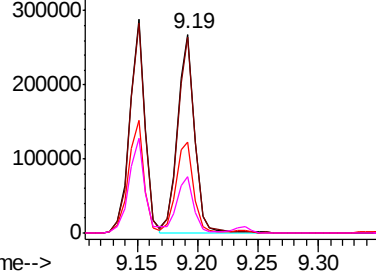
Abundance

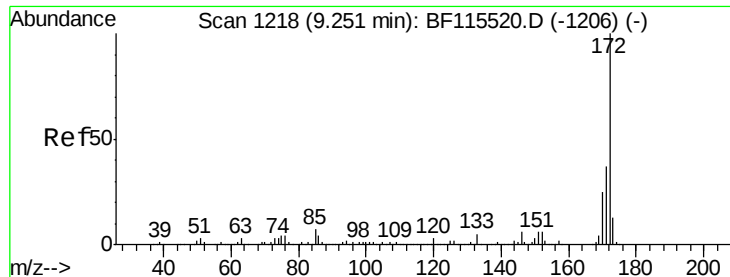
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

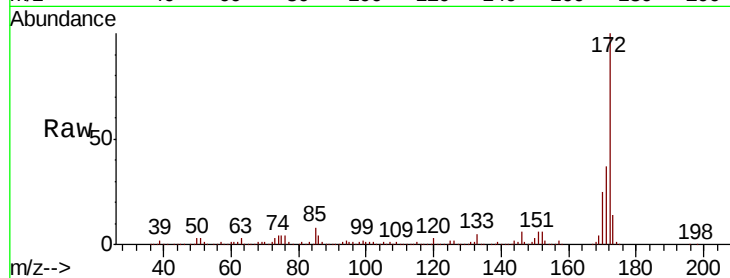




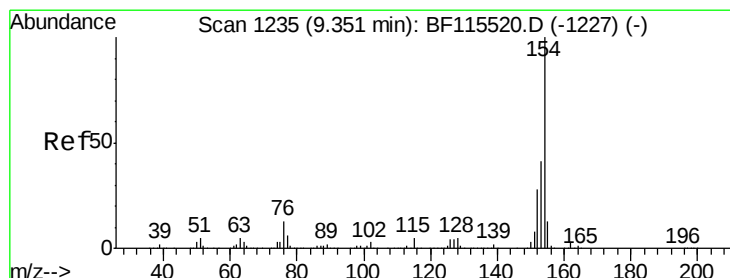
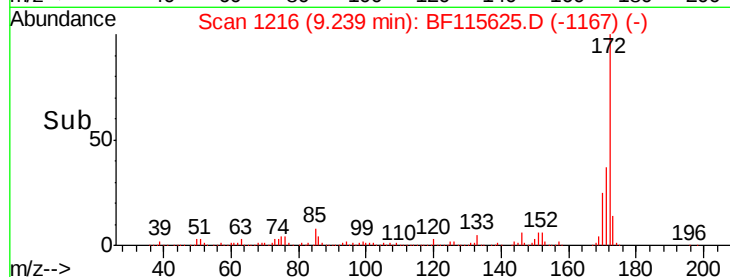
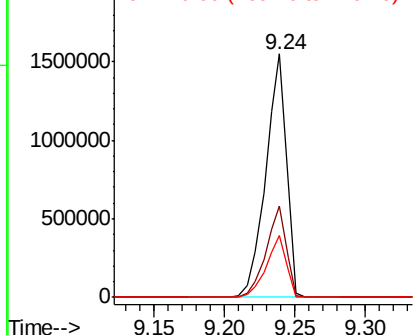
#45
2-Fluorobiphenyl
Concen: 87.103 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:172 Resp: 1600725
Ion Ratio Lower Upper
172 100
171 37.4 30.6 46.0
170 25.2 20.5 30.7

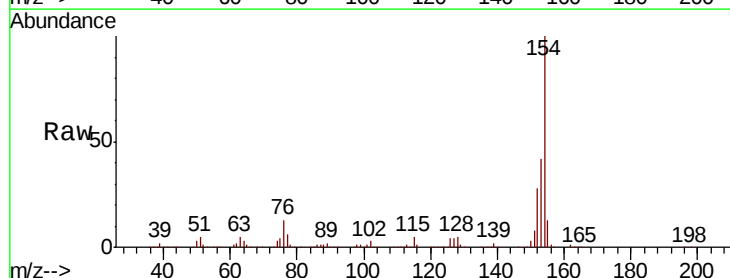


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

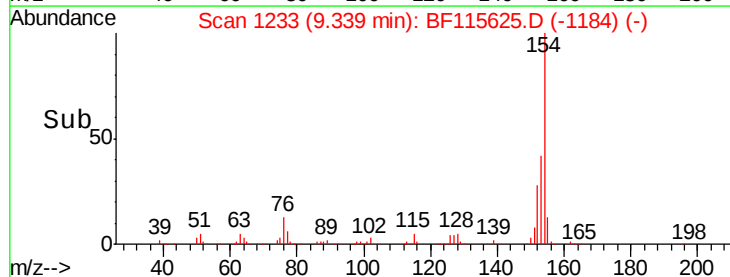
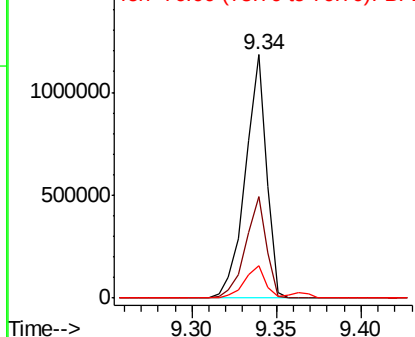


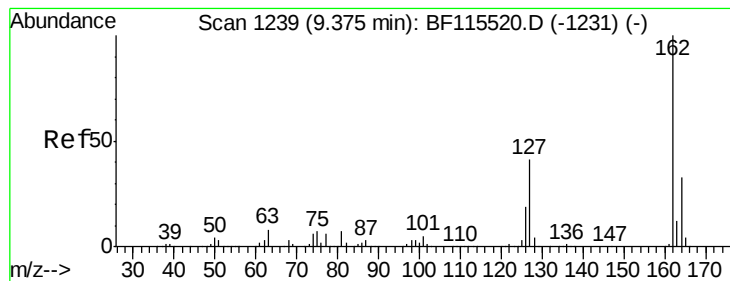
#46
1,1'-Biphenyl
Concen: 41.230 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:154 Resp: 1036786
Ion Ratio Lower Upper
154 100
153 41.6 22.6 62.6
76 13.2 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.921 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

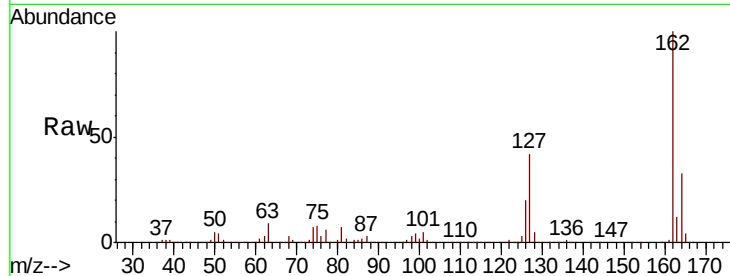
Tgt Ion: 162 Resp: 814936

Ion Ratio Lower Upper

162 100

127 42.0 34.1 51.1

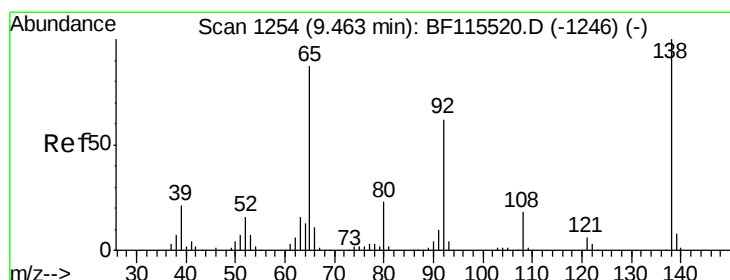
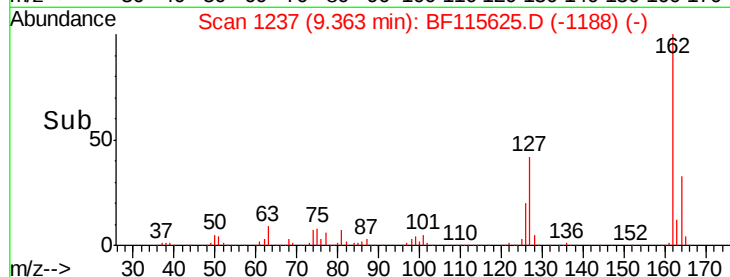
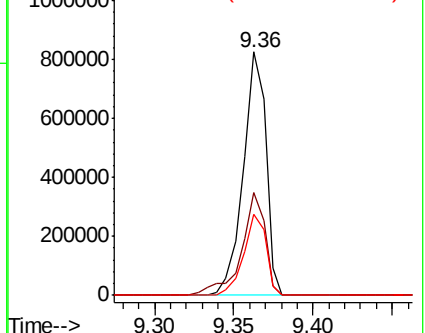
164 33.3 27.4 41.2



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: 38.220 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

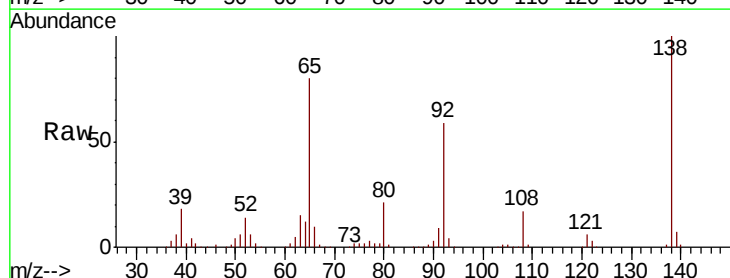
Tgt Ion: 65 Resp: 247694

Ion Ratio Lower Upper

65 100

92 74.1 57.8 86.6

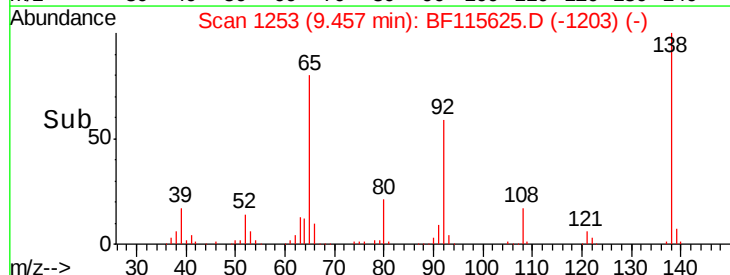
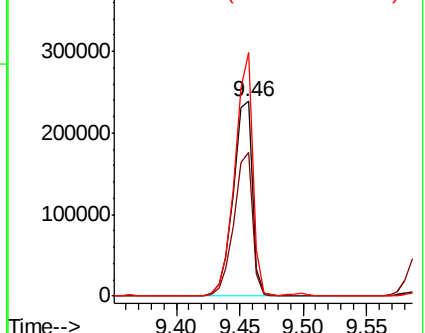
138 125.0 91.2 136.8

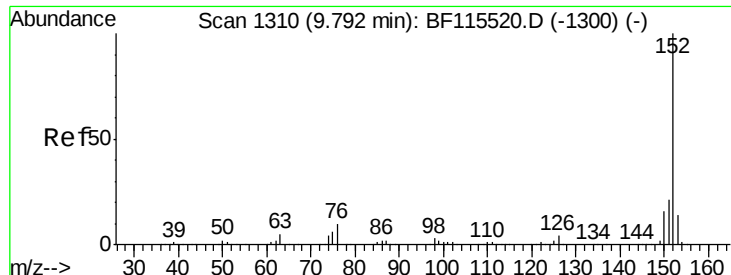


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.655 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

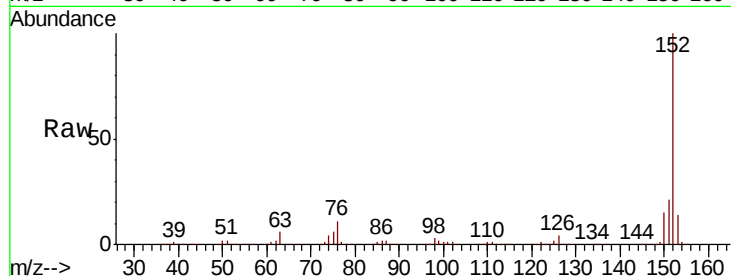
Tgt Ion:152 Resp: 1230331

Ion Ratio Lower Upper

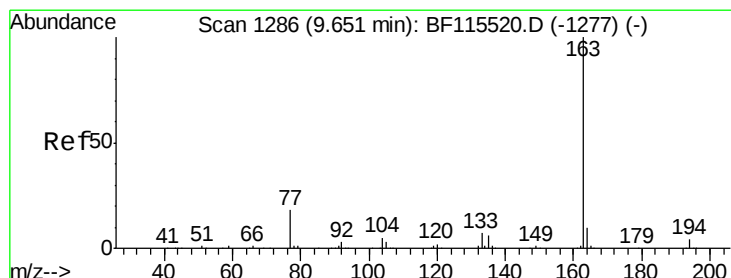
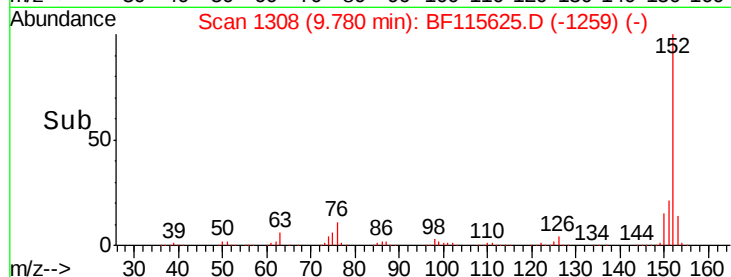
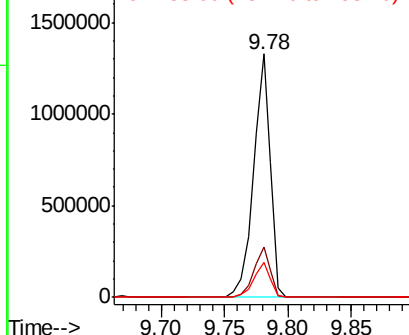
152 100

151 20.9 17.7 26.5

153 14.4 12.0 18.0



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: 49.688 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

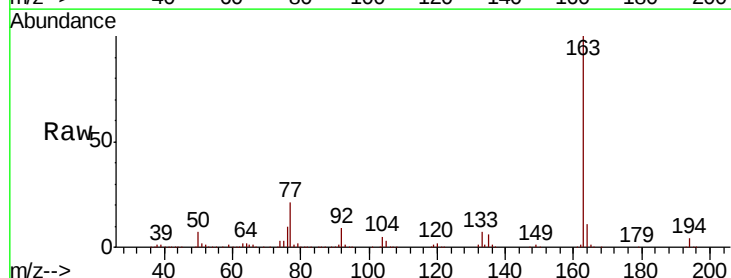
Tgt Ion:163 Resp: 1202457

Ion Ratio Lower Upper

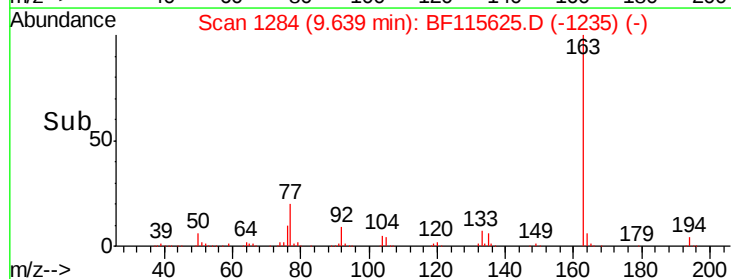
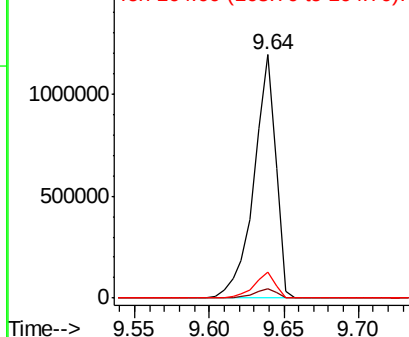
163 100

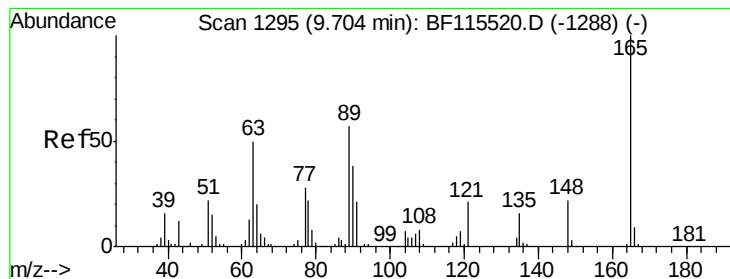
194 4.0 3.3 4.9

164 10.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.306 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

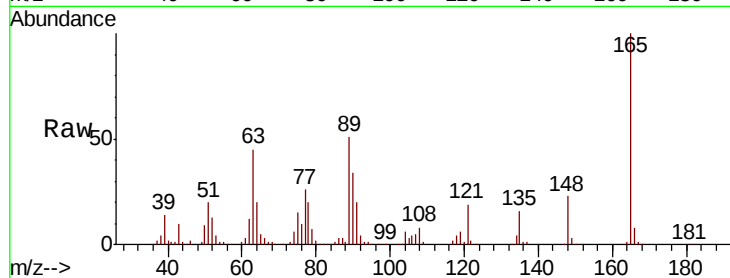
Tgt Ion:165 Resp: 216172

Ion Ratio Lower Upper

165 100

63 44.9 40.6 61.0

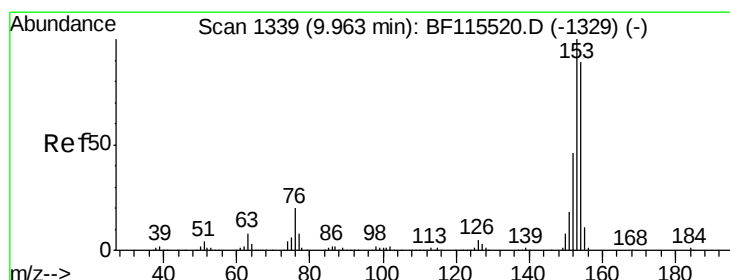
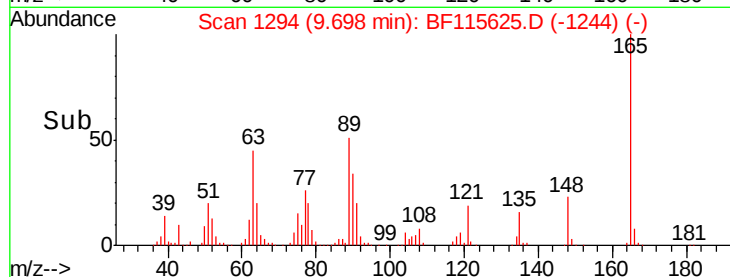
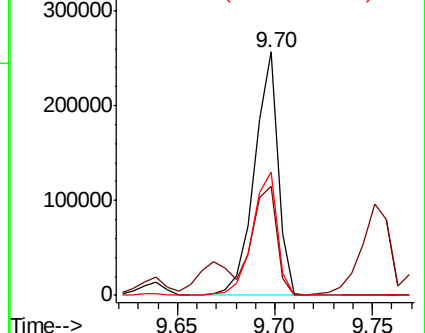
89 50.7 43.9 65.9



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: 36.693 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

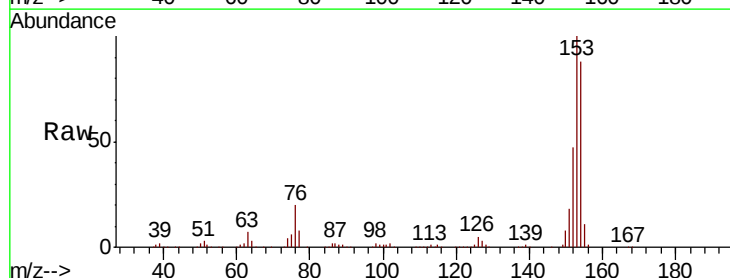
Tgt Ion:154 Resp: 734985

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

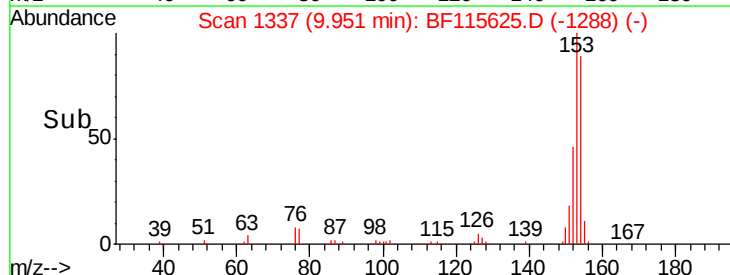
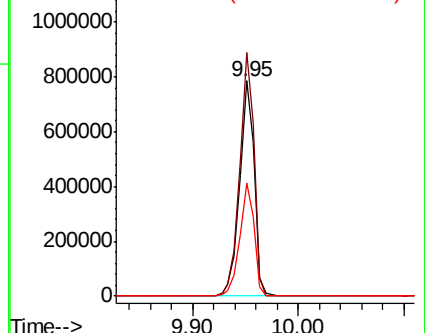
152 52.7 42.3 63.5

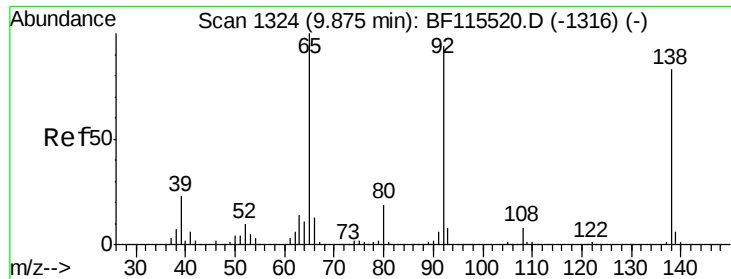


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

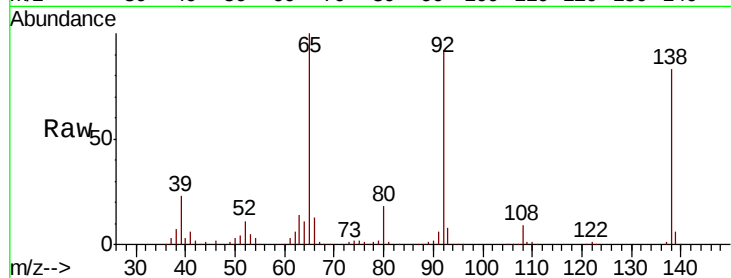




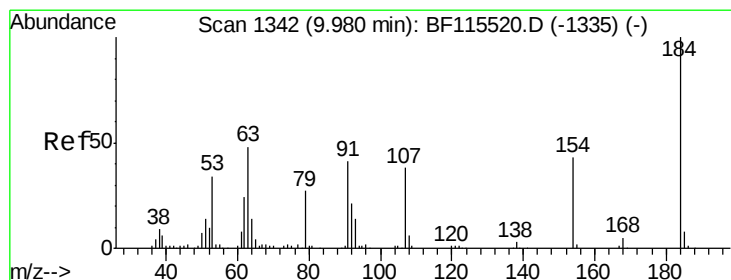
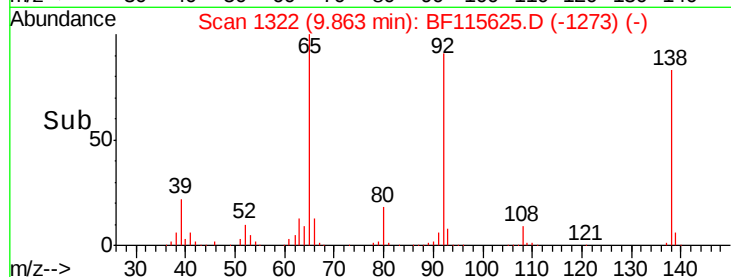
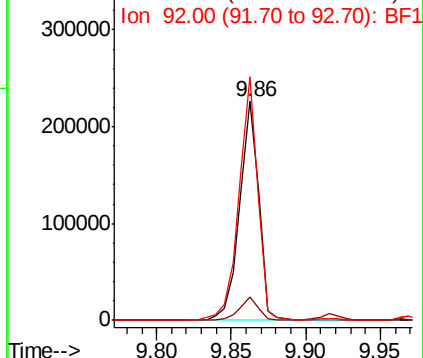
#53
3-Nitroaniline
Concen: 32.318 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:138 Resp: 203114
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 111.3 88.0 132.0

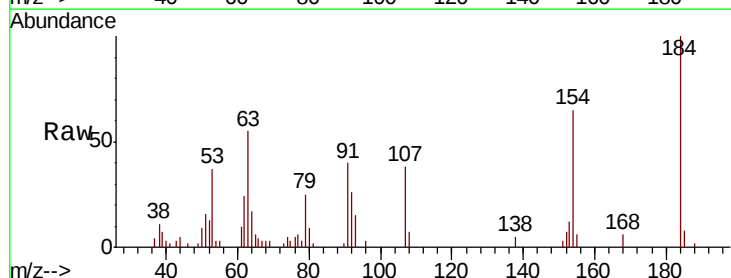


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

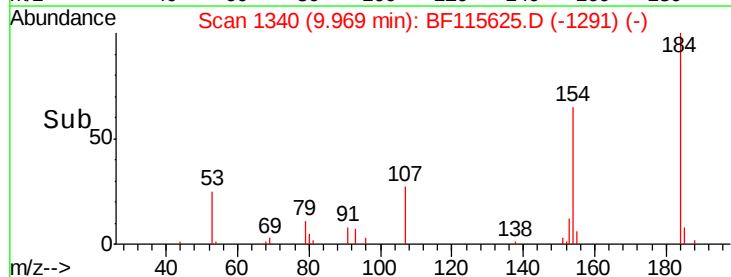
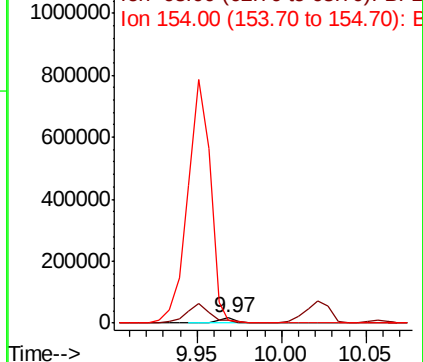


#54
2,4-Dinitrophenol
Concen: 5.289 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:184 Resp: 14935
Ion Ratio Lower Upper
184 100
63 55.1 48.7 73.1
154 65.5 48.6 73.0



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

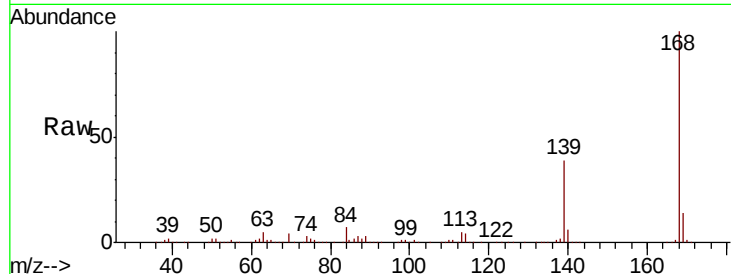




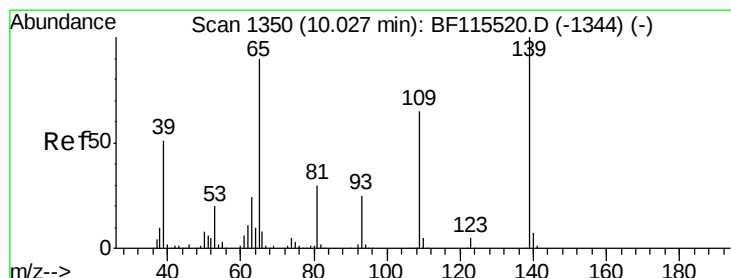
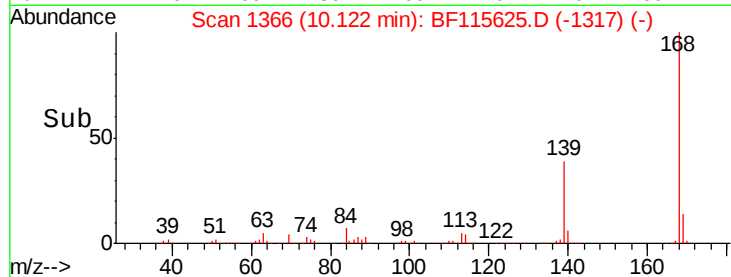
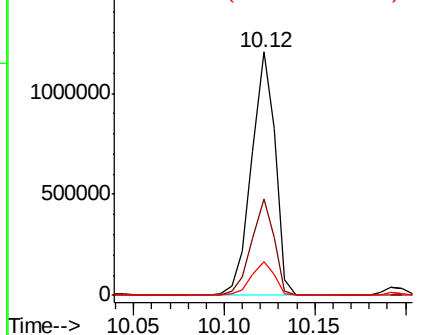
#55
Dibenzenofuran
Concen: 38.412 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:168 Resp: 1092657
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 13.8 11.1 16.7

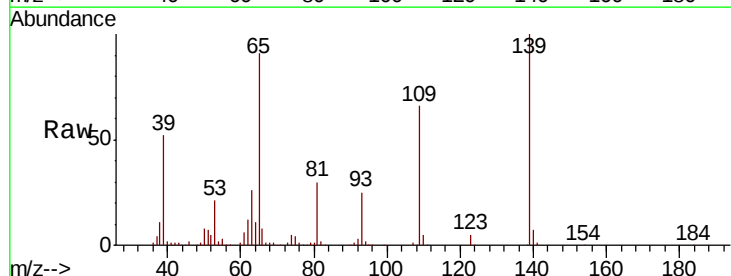


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

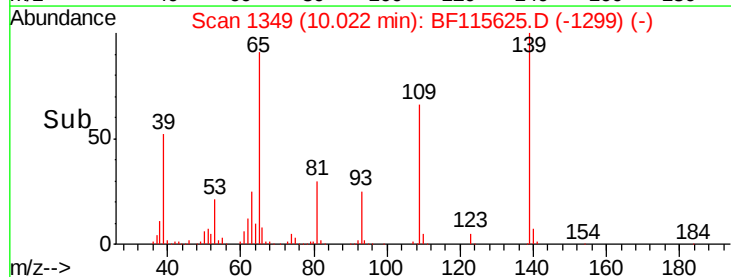
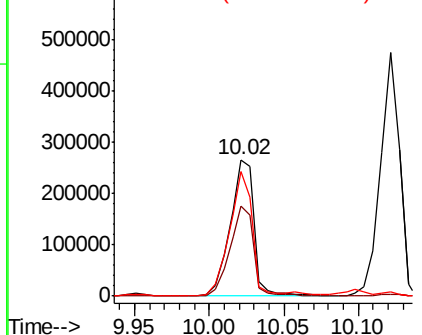


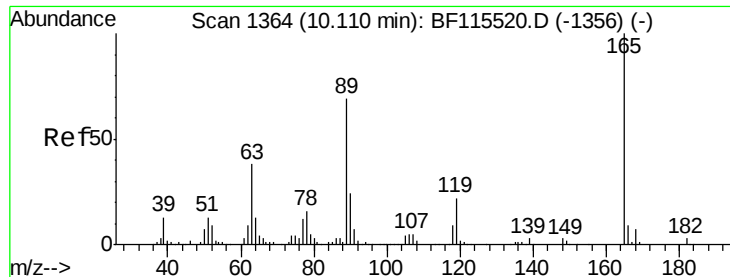
#56
4-Nitrophenol
Concen: 62.900 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:139 Resp: 301448
Ion Ratio Lower Upper
139 100
109 65.9 46.4 86.4
65 91.0 68.9 108.9



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: 38.821 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:165 Resp: 276607

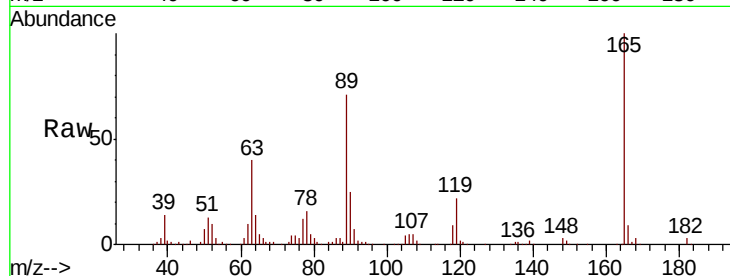
Ion Ratio Lower Upper

165 100

63 40.3 34.9 52.3

89 70.7 57.5 86.3

182 2.7 2.2 3.4

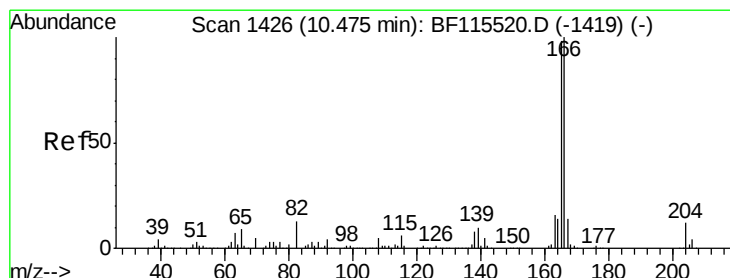
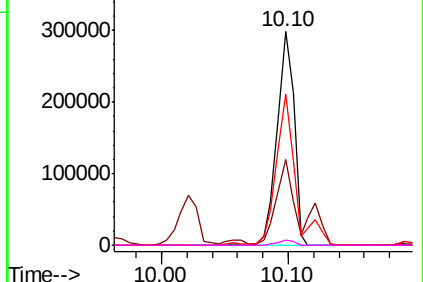
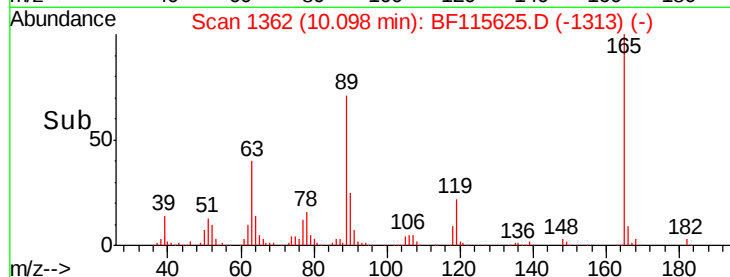


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.664 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

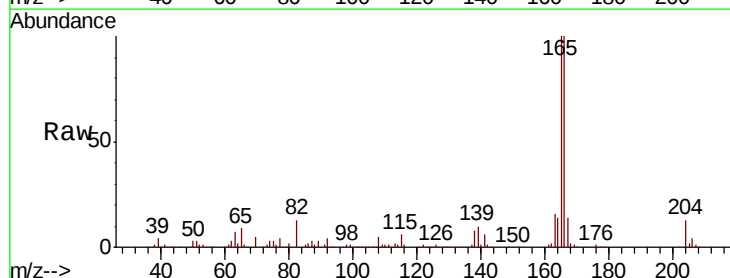
Tgt Ion:166 Resp: 786256

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.6

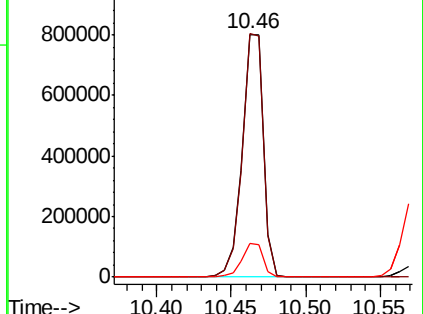
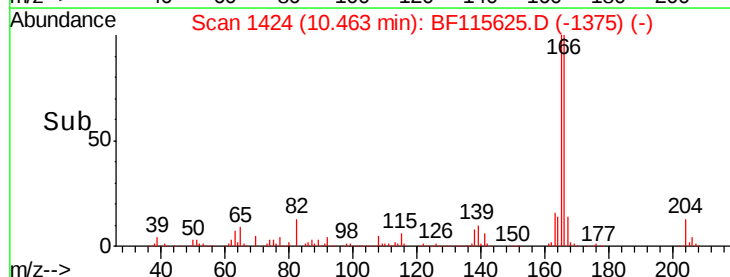
167 13.8 11.2 16.8



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

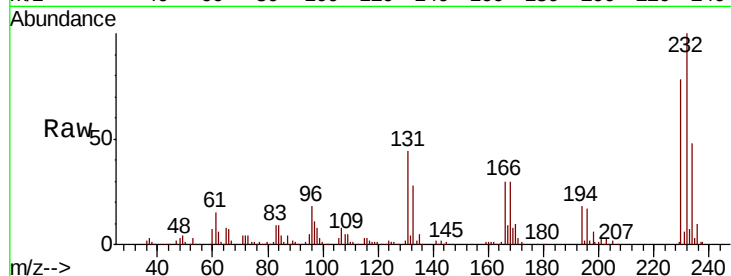




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.389 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.9	53.9
130	2.1	1.8	2.6
166	30.2	24.8	37.2



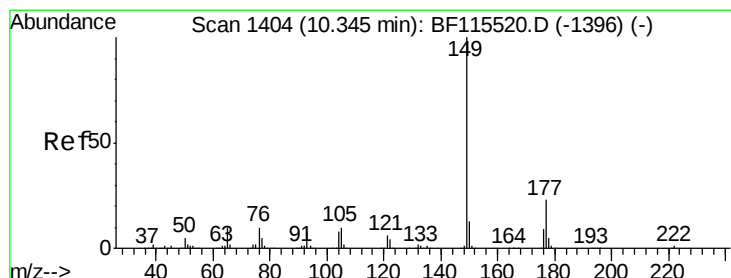
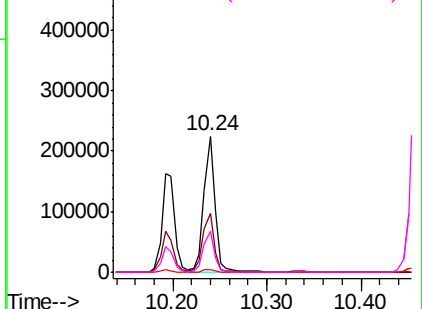
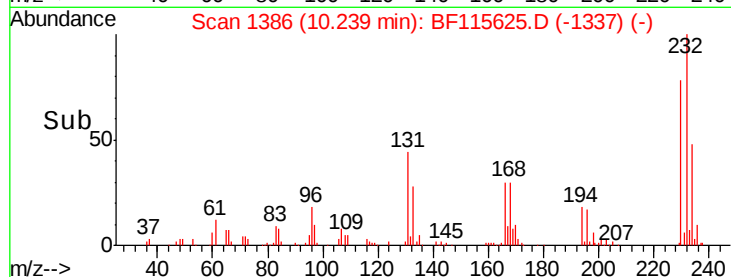
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

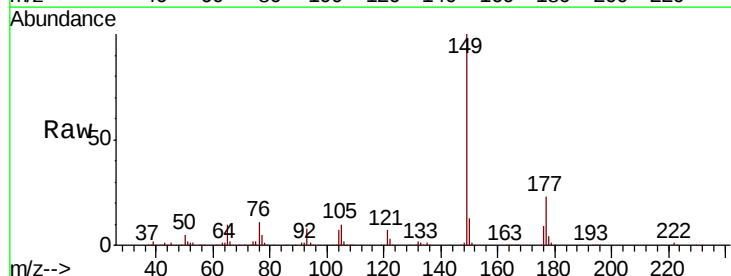
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.408 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.5	29.3
150	12.8	10.4	15.6

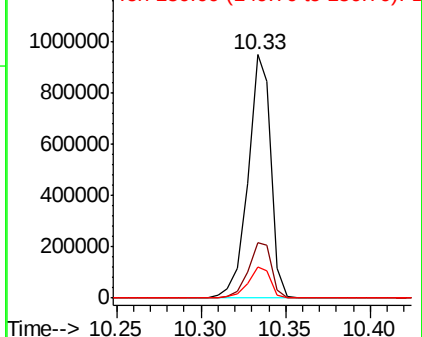
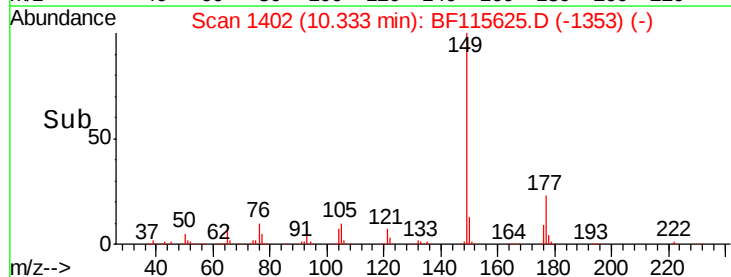


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

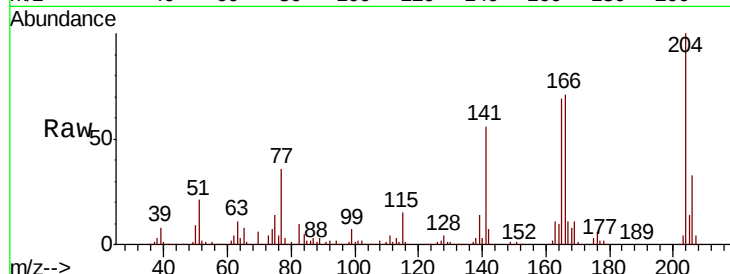




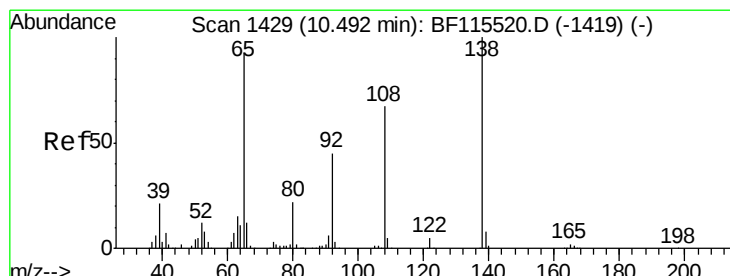
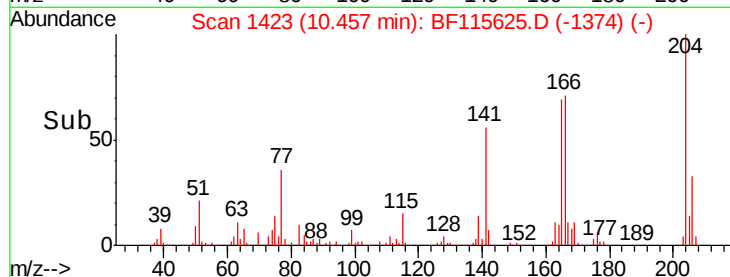
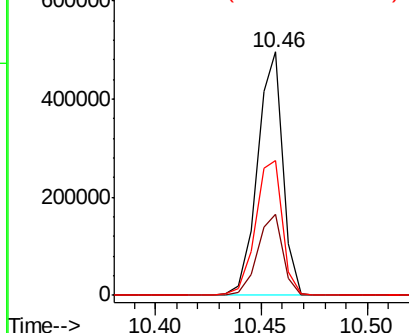
#61
 4-Chlorophenyl-phenylether
 Concen: 36.839 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tgt Ion: 204 Resp: 415439
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.7 40.1
 141 55.6 44.2 66.2

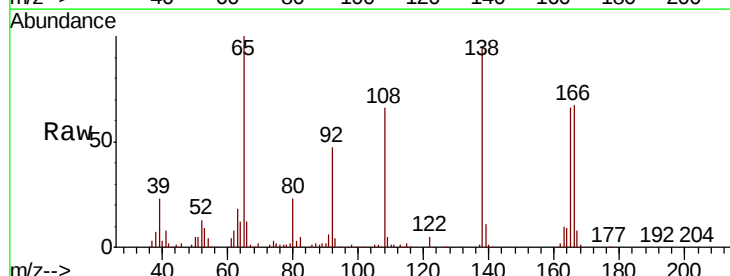


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

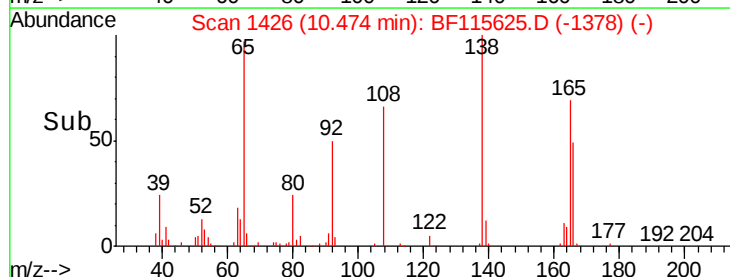
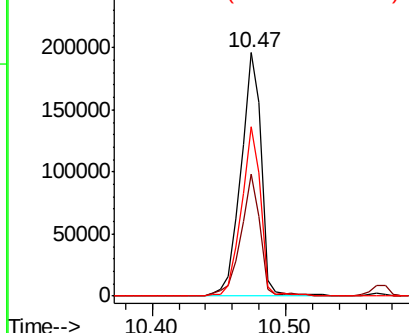


#62
 4-Nitroaniline
 Concen: 34.367 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion: 138 Resp: 207179
 Ion Ratio Lower Upper
 138 100
 92 49.9 27.1 67.1
 108 69.6 48.0 88.0



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

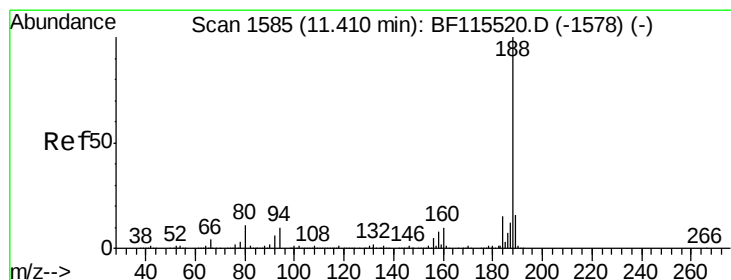
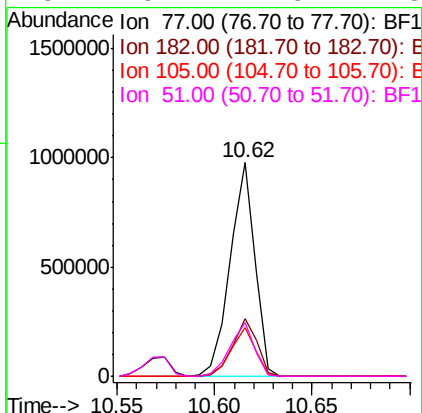
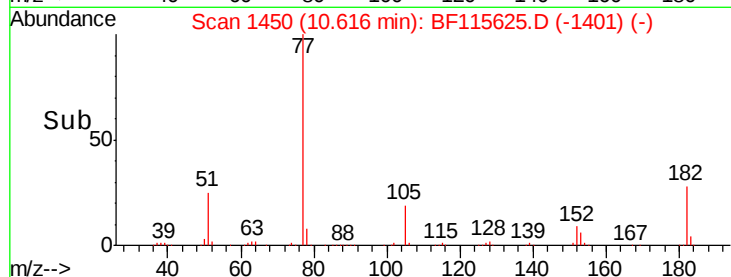
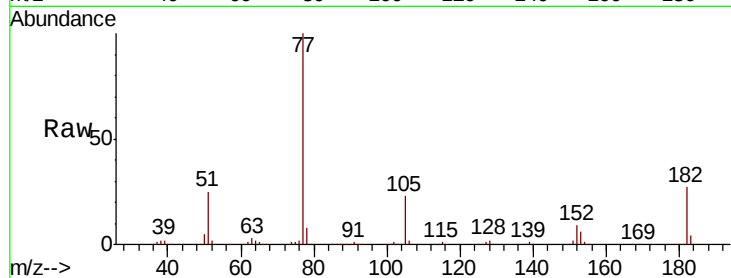




#63
Azobenzene
Concen: 39.168 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

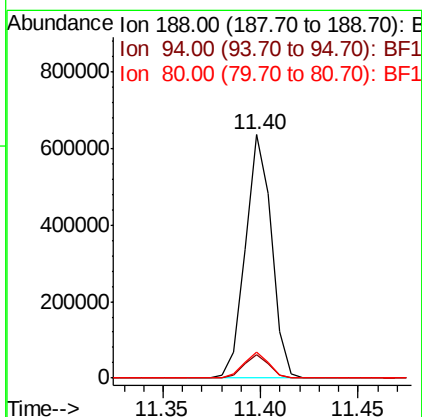
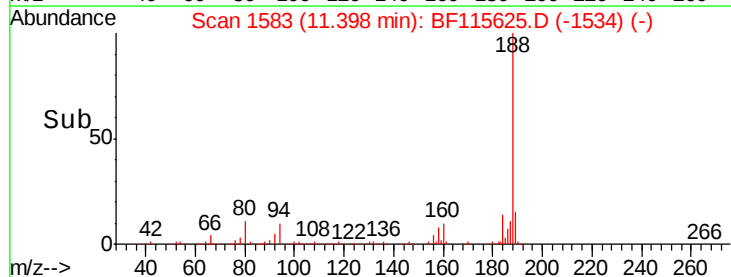
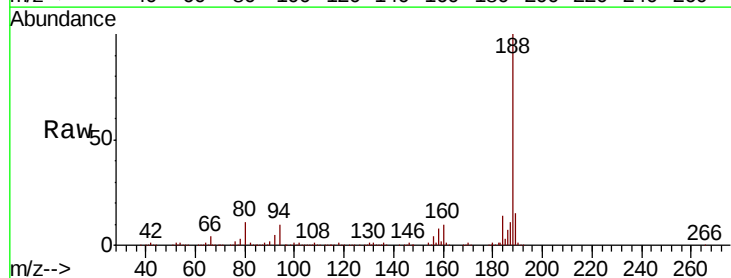
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

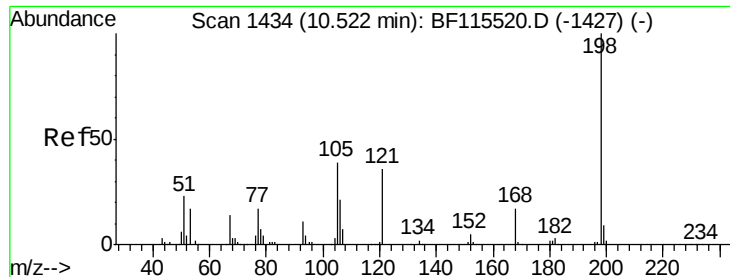
Tgt Ion: 77 Resp: 861450
Ion Ratio Lower Upper
77 100
182 27.2 6.9 46.9
105 22.9 3.9 43.9
51 25.1 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion: 188 Resp: 589759
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.5 8.6 13.0

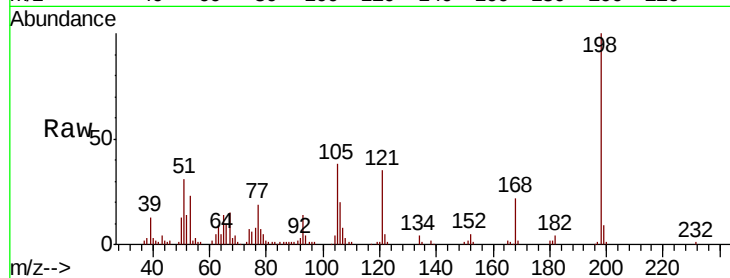




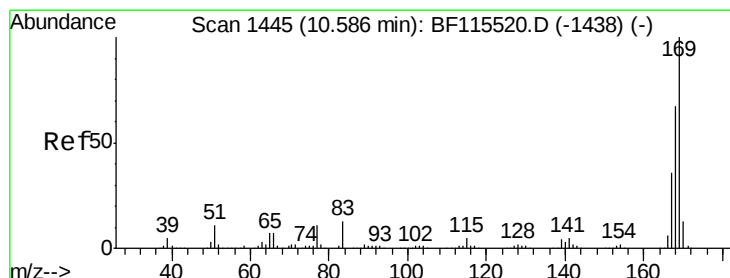
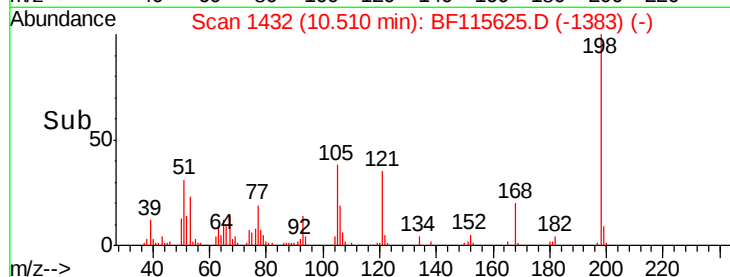
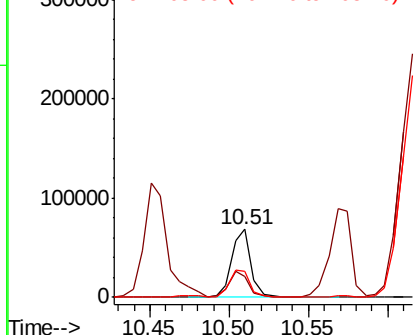
#65
4,6-Dinitro-2-methylphenol
Concen: 16.046 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:198 Resp: 57817
Ion Ratio Lower Upper
198 100
51 31.1 19.1 59.1
105 38.1 23.6 63.6

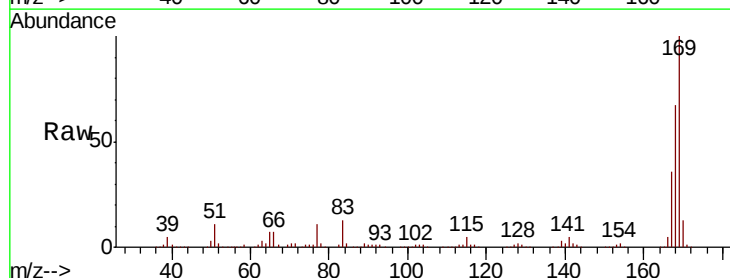


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

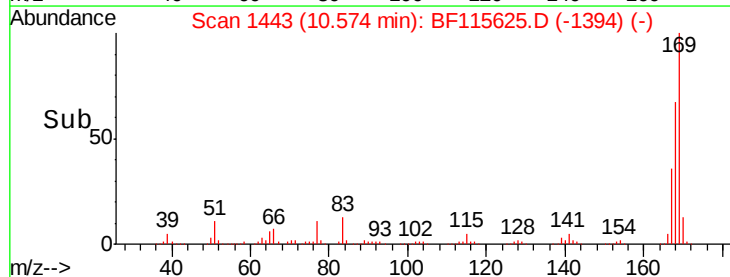
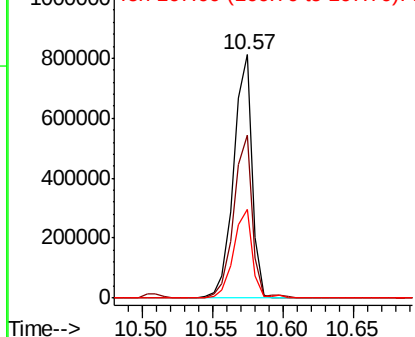


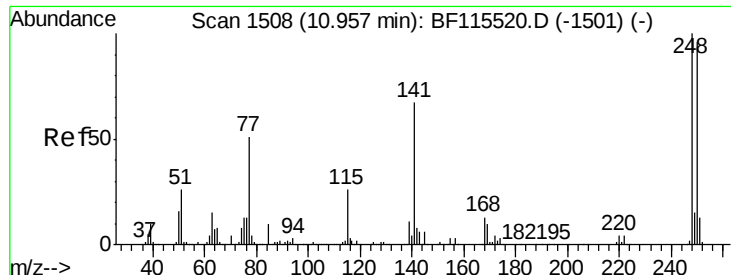
#66
n-Nitrosodiphenylamine
Concen: 40.010 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:169 Resp: 734003
Ion Ratio Lower Upper
169 100
168 67.0 54.3 81.5
167 36.3 30.2 45.2



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: 39.166 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

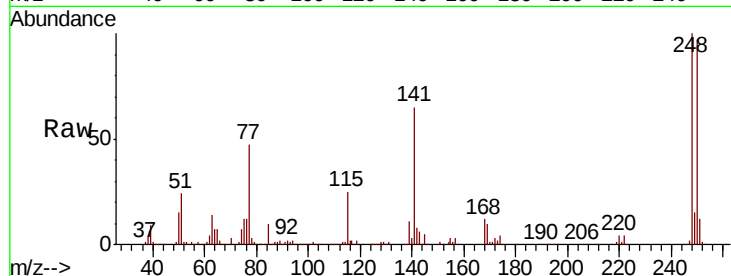
Tgt Ion:248 Resp: 263962

Ion Ratio Lower Upper

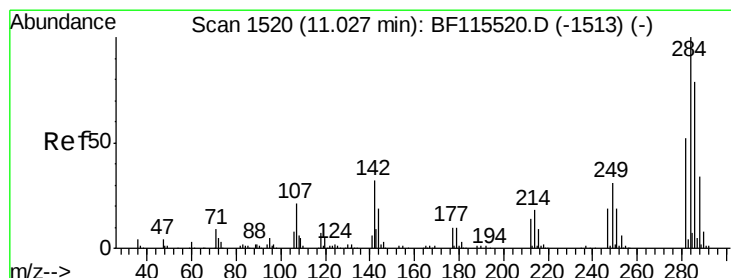
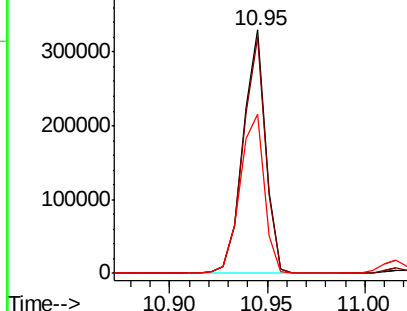
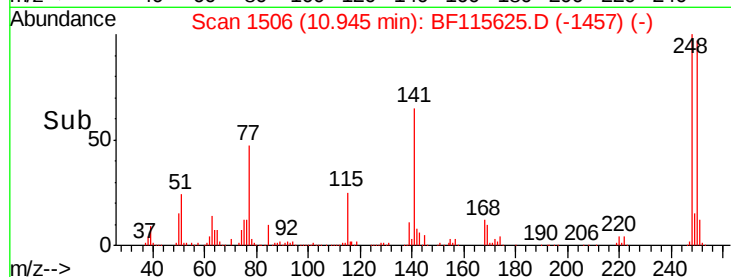
248 100

250 96.9 78.0 117.0

141 65.1 57.7 86.5



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: 37.165 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

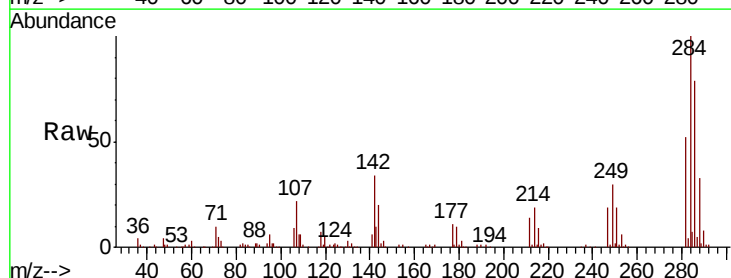
Tgt Ion:284 Resp: 286044

Ion Ratio Lower Upper

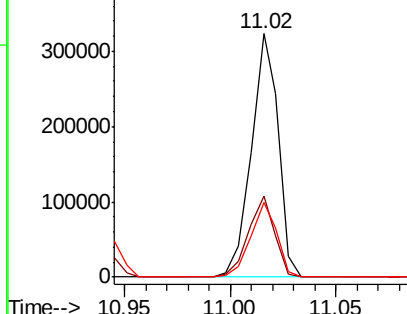
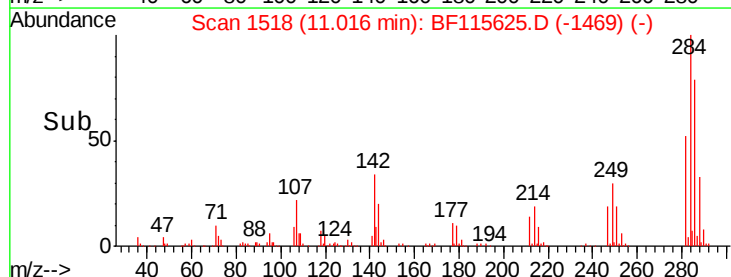
284 100

142 33.5 22.2 33.2#

249 30.4 23.4 35.2



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

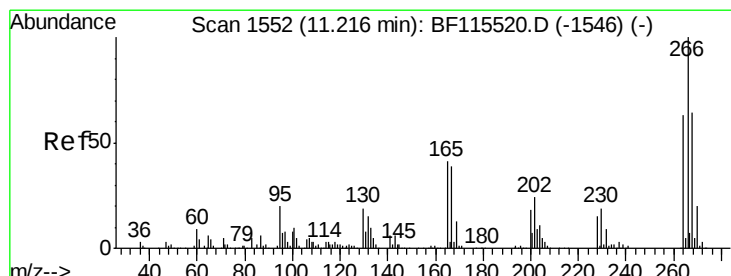
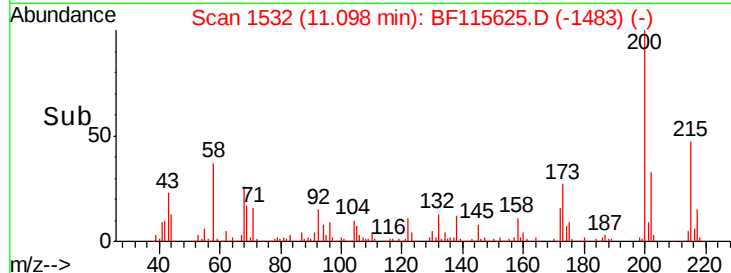
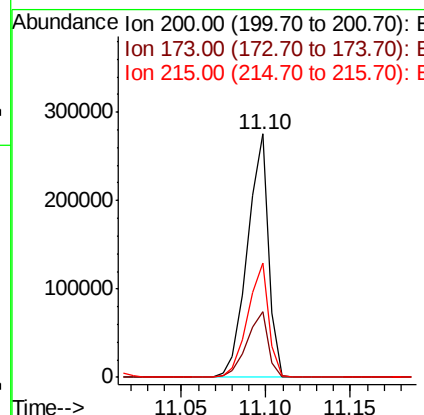
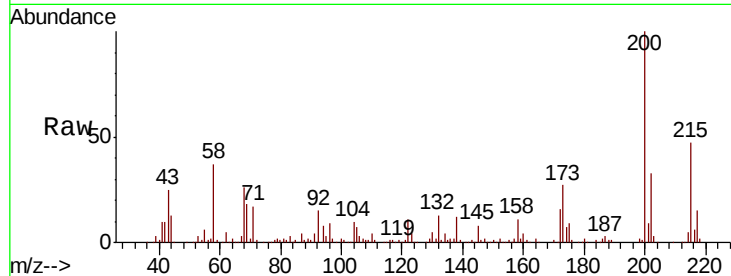




#69
 Atrazine
 Concen: 39.974 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

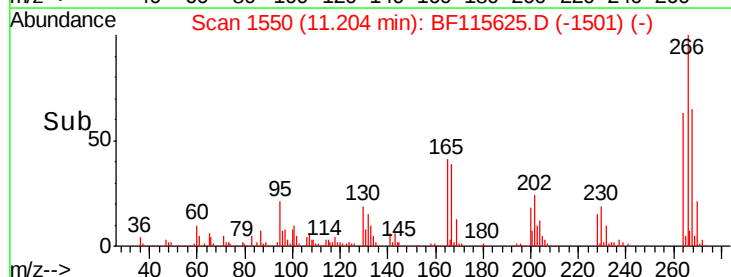
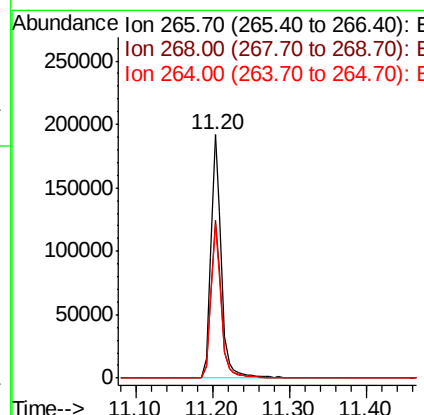
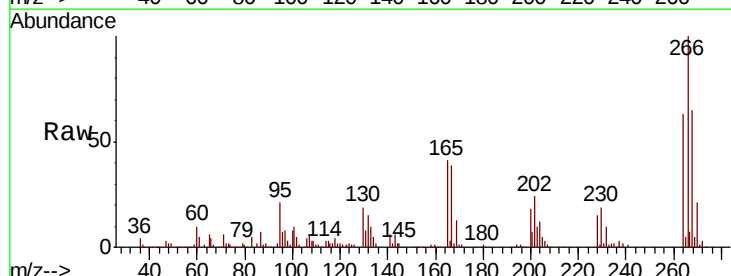
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

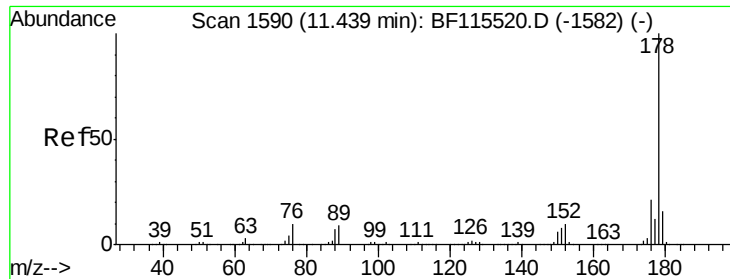
Tgt Ion:200 Resp: 240572
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.9 46.9
 215 47.1 27.9 67.9



#70
 Pentachlorophenol
 Concen: 38.357 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion:266 Resp: 180563
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.6 77.4
 264 63.3 50.6 76.0

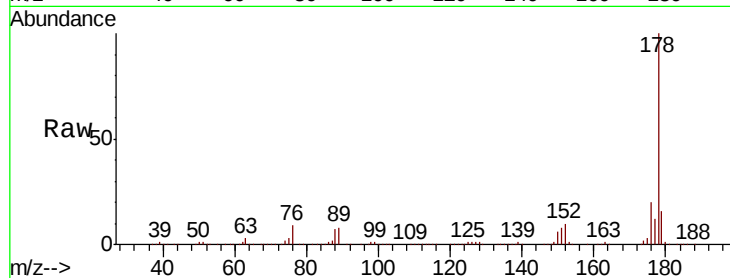




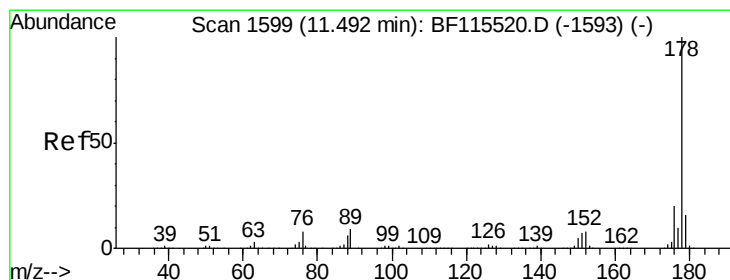
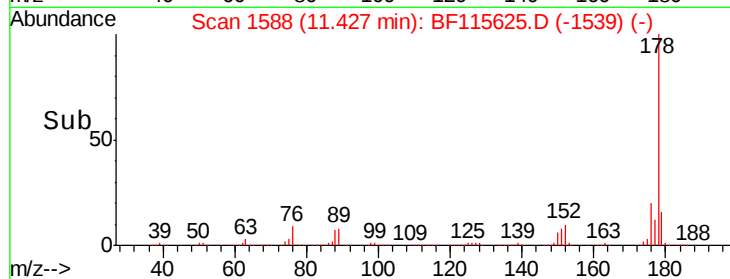
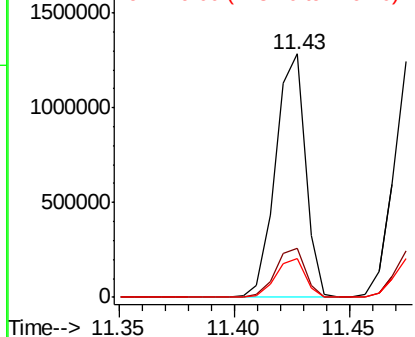
#71
 Phenanthrene
 Concen: 38.144 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:178 Resp: 1153106
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.2 25.8
 179 15.7 13.5 20.3

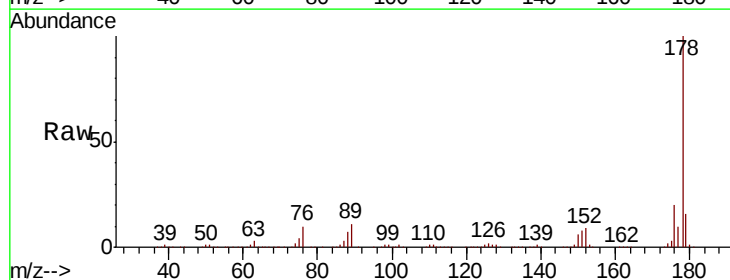


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

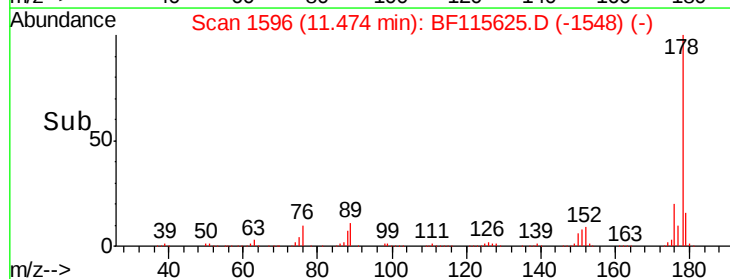
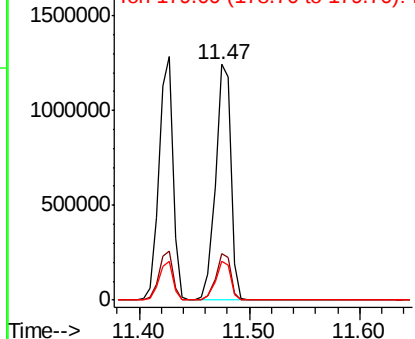


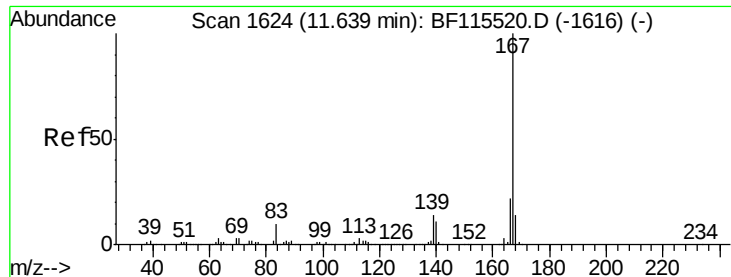
#72
 Anthracene
 Concen: 38.193 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion:178 Resp: 1193240
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.3 12.7 19.1



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

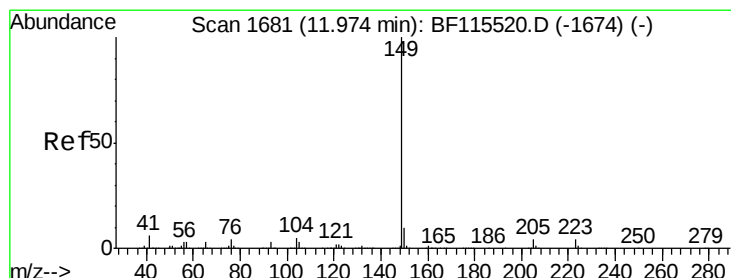
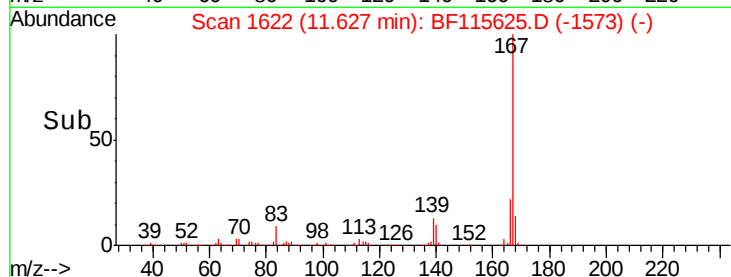
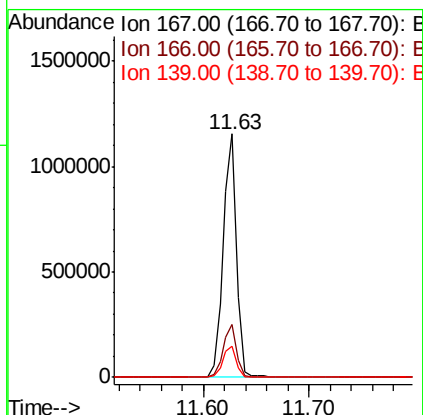
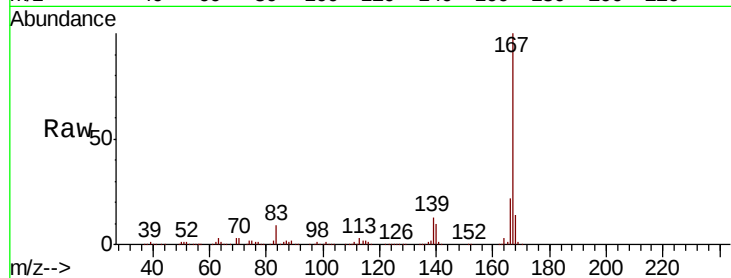




#73
 Carbazole
 Concen: 37.358 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

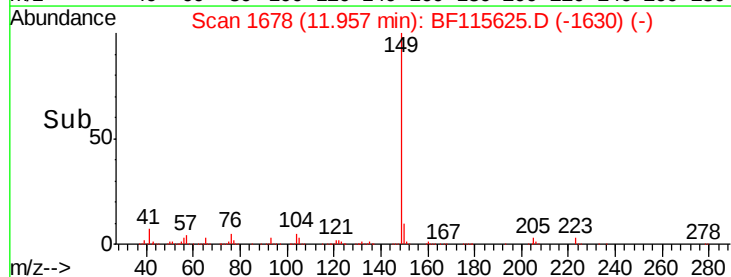
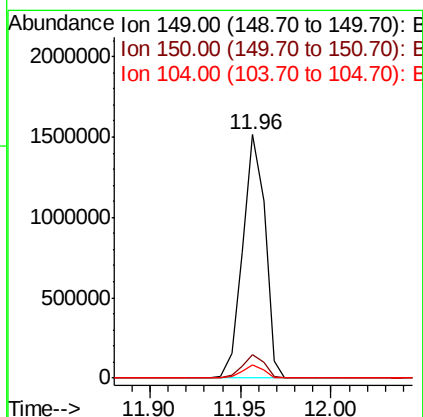
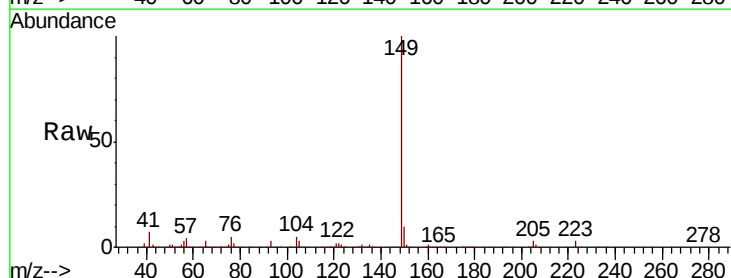
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

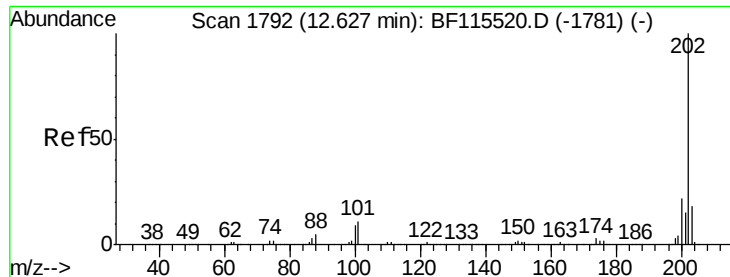
Tgt Ion:167 Resp: 1023490
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 38.466 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion:149 Resp: 1298094
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.2 3.8 5.8

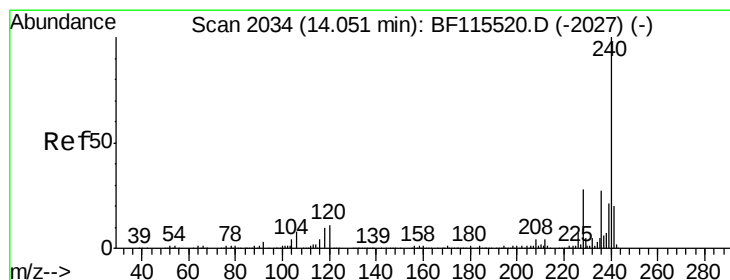
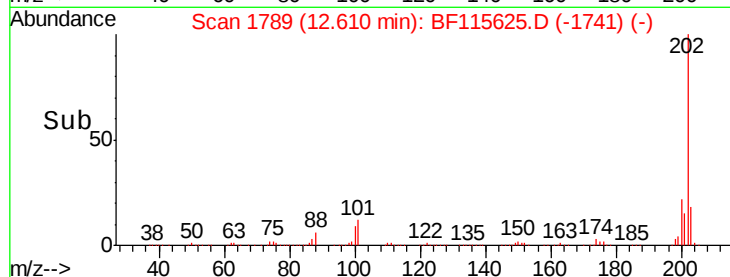
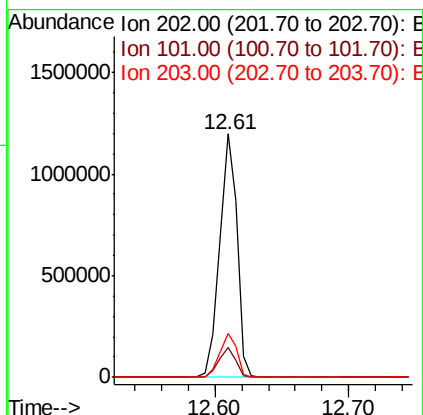
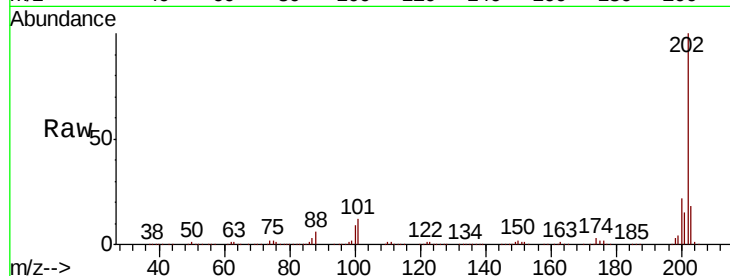




#75
 Fluoranthene
 Concen: 34.665 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

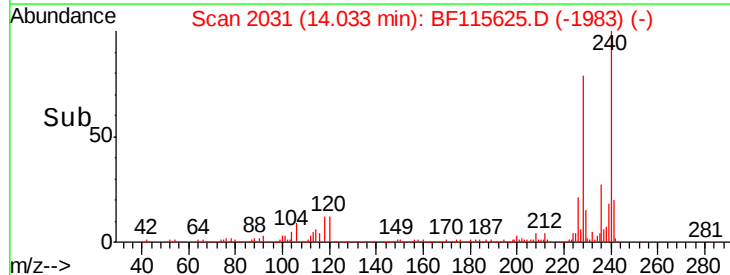
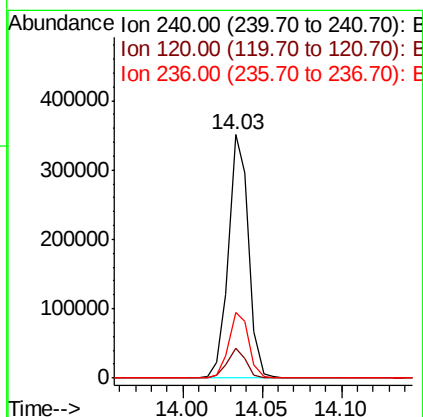
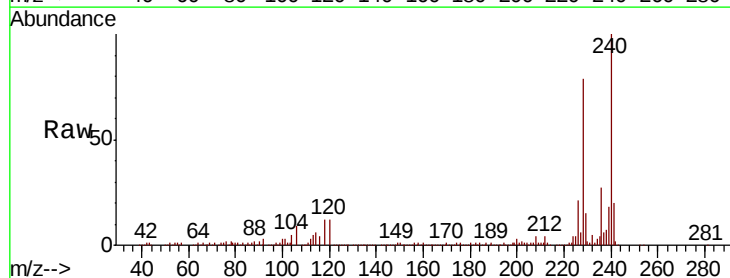
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tgt Ion: 202 Resp: 1107398
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.4
 203 18.3 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion: 240 Resp: 307427
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.6 13.0
 236 26.9 21.3 31.9





#77

Benzidine

Concen: 9.469 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

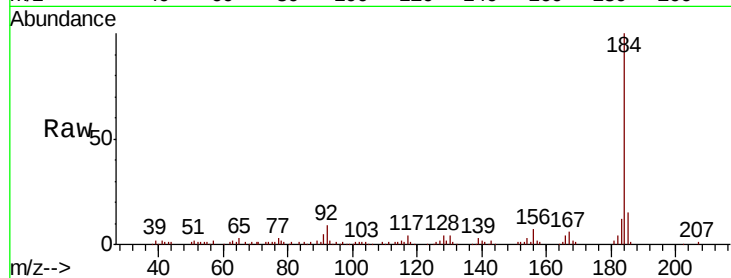
Tgt Ion:184 Resp: 103120

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

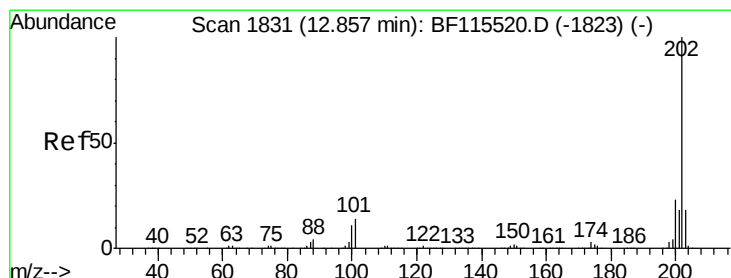
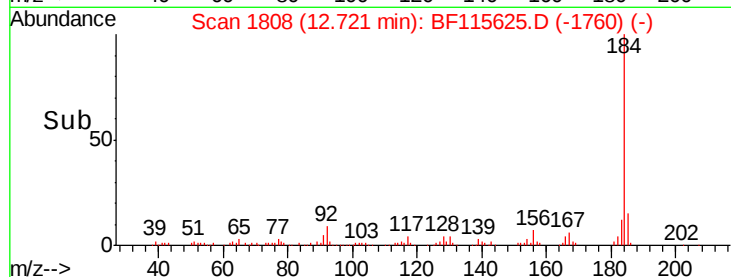
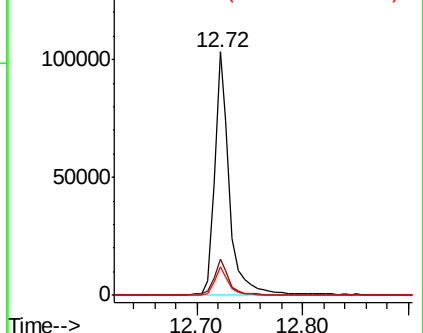
183 11.5 9.3 13.9



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: 41.156 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

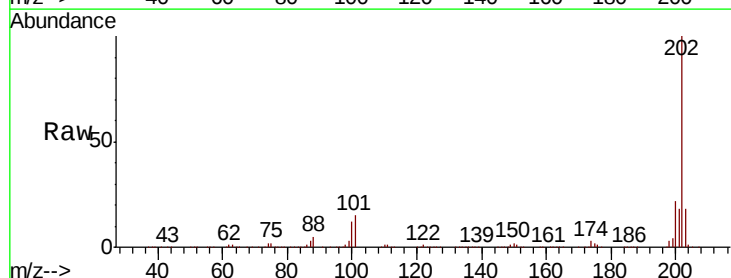
Tgt Ion:202 Resp: 1071963

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

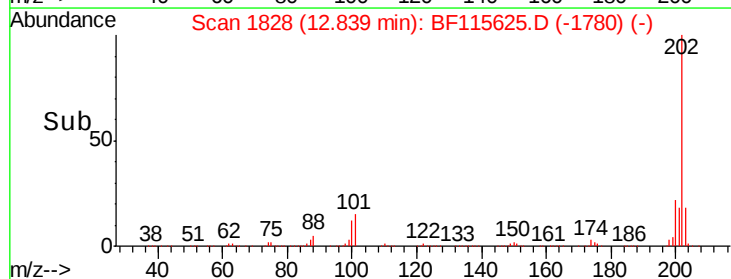
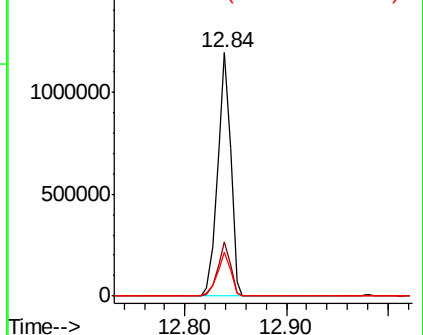
203 17.9 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

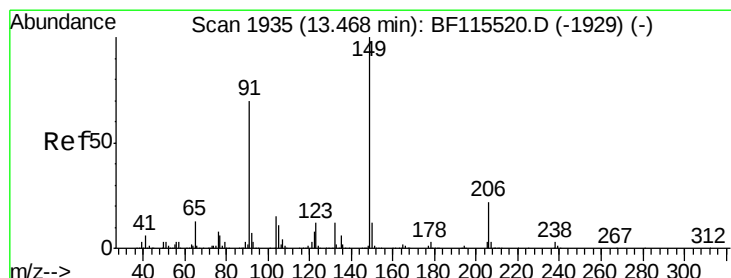
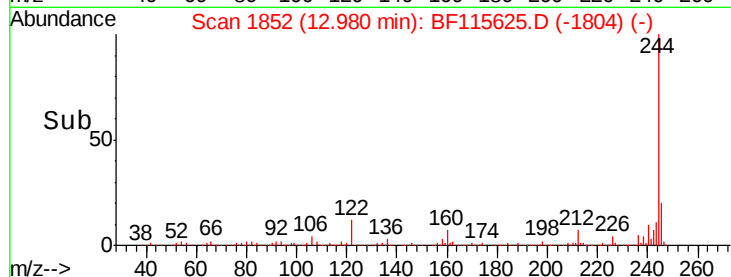
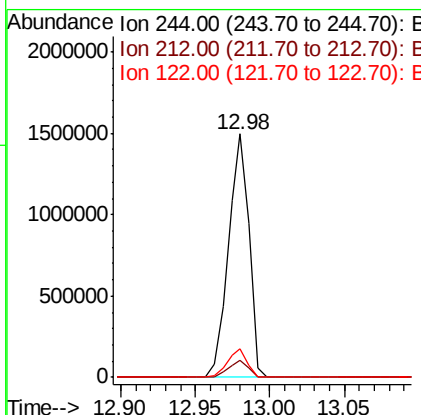
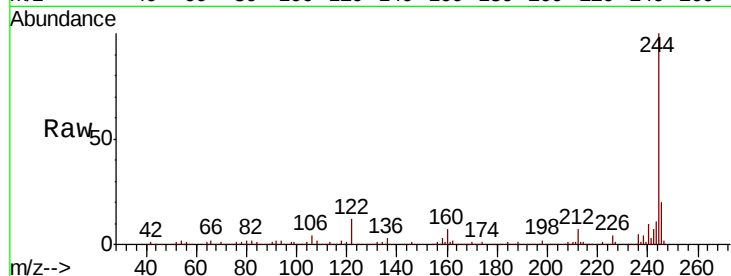




#79
 Terphenyl-d14
 Concen: 87.355 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

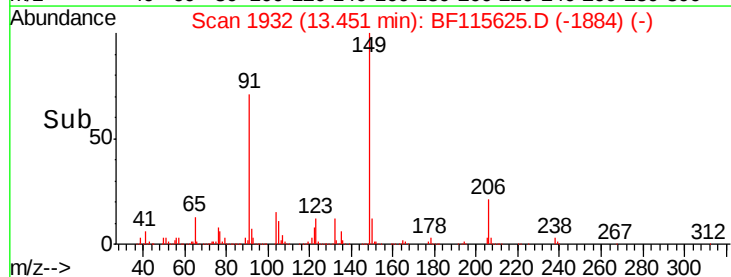
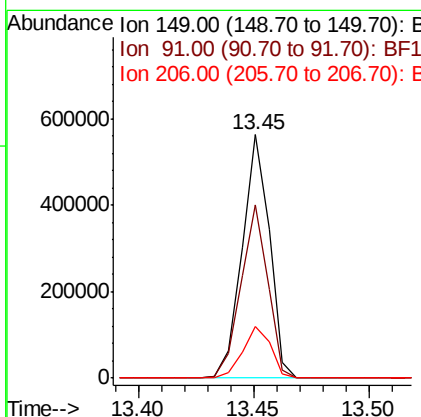
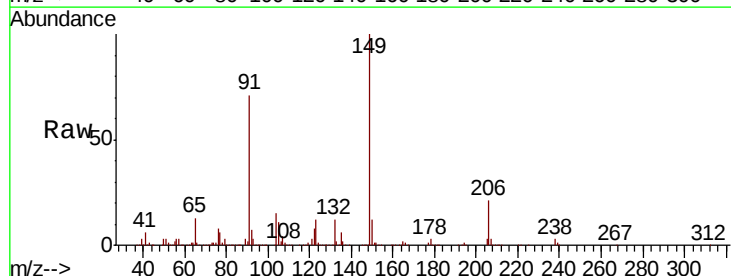
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

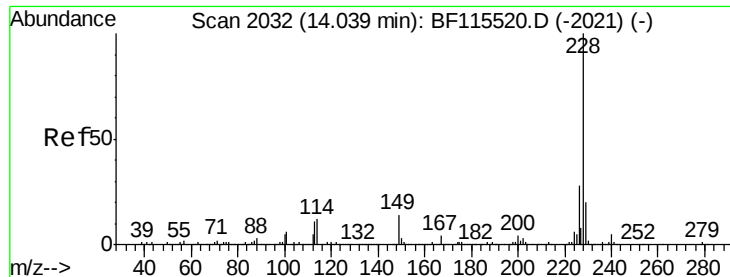
Tgt Ion:244 Resp: 1455446
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.5 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 41.867 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion:149 Resp: 464869
 Ion Ratio Lower Upper
 149 100
 91 71.0 55.8 83.8
 206 21.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 39.322 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

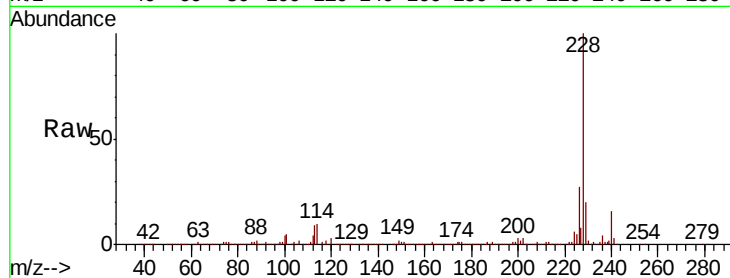
Tgt Ion:228 Resp: 796394

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.0

229 19.8 17.2 25.8

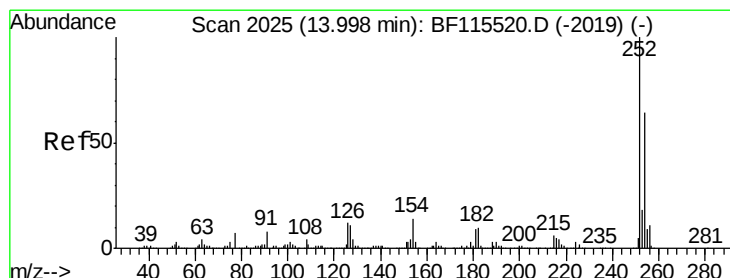
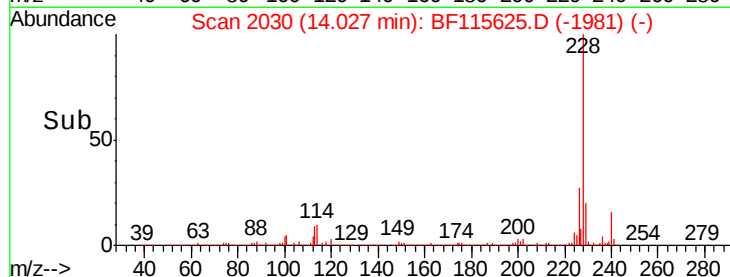
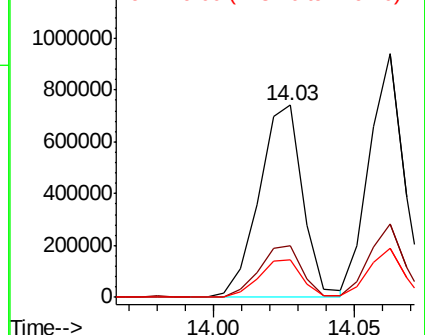


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.275 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

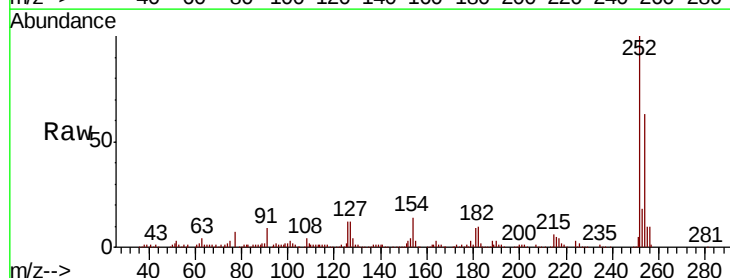
Tgt Ion:252 Resp: 268381

Ion Ratio Lower Upper

252 100

254 63.4 52.9 79.3

126 11.7 9.9 14.9

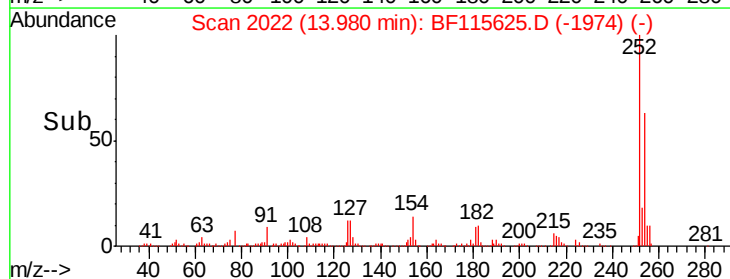
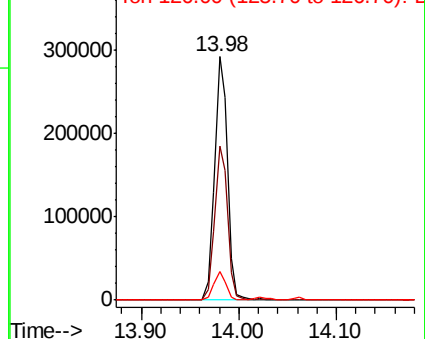


Abundance

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: 38.515 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

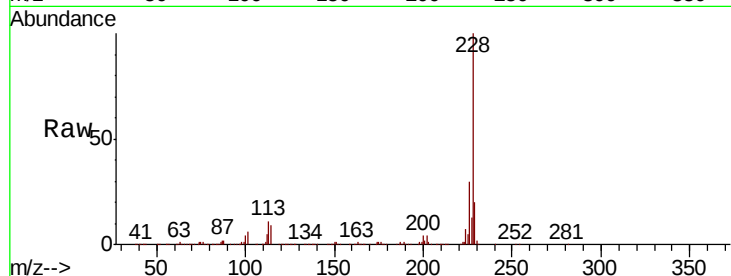
Tgt Ion: 228 Resp: 783064

Ion Ratio Lower Upper

228 100

226 30.1 25.7 38.5

229 20.0 16.6 25.0

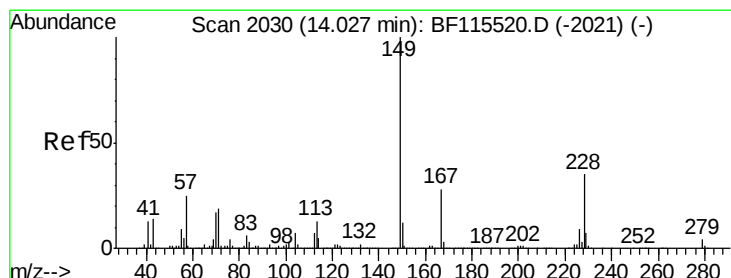
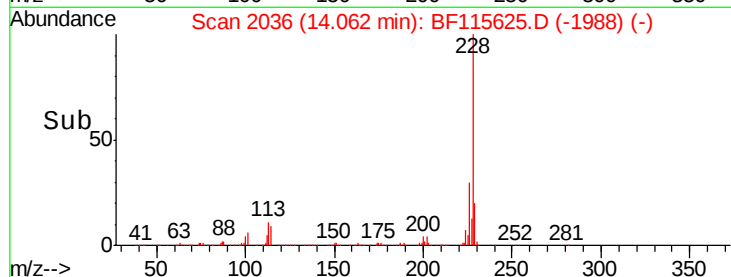
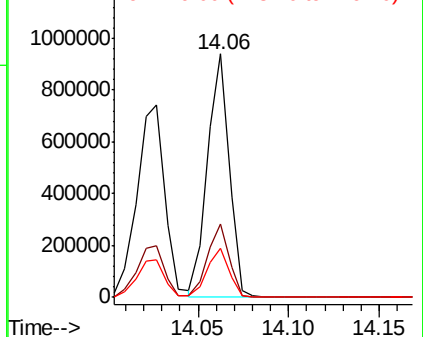


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.005 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

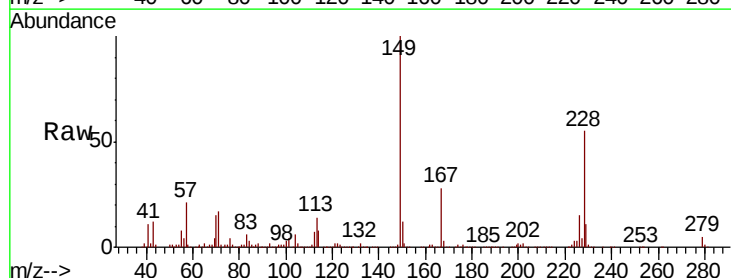
Tgt Ion: 149 Resp: 605227

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

279 4.9 4.2 6.2

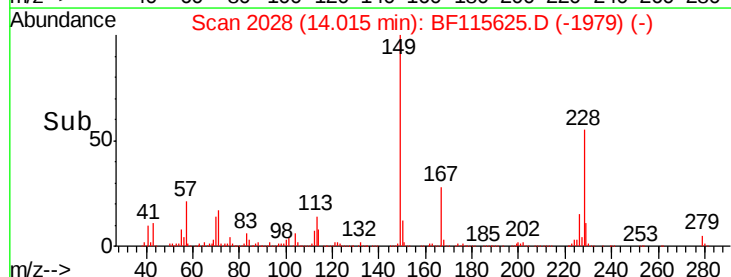
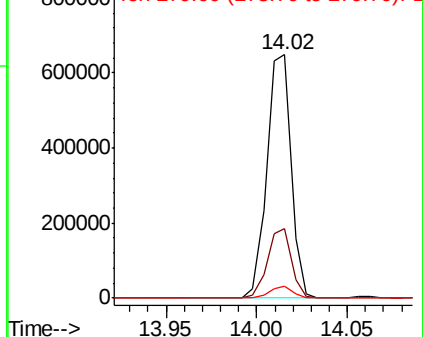


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.758 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

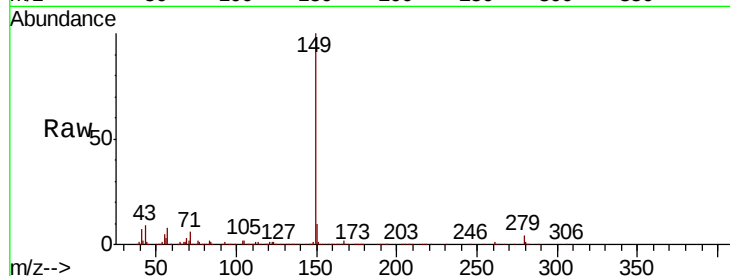
Tgt Ion:149 Resp: 935676

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

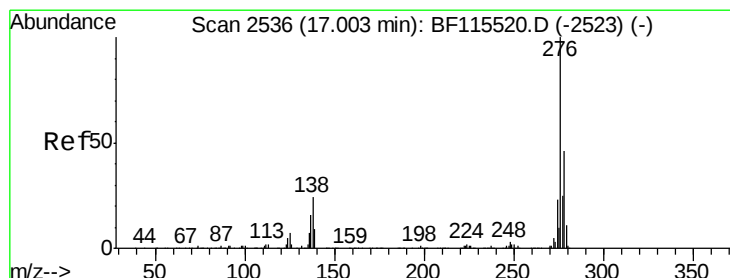
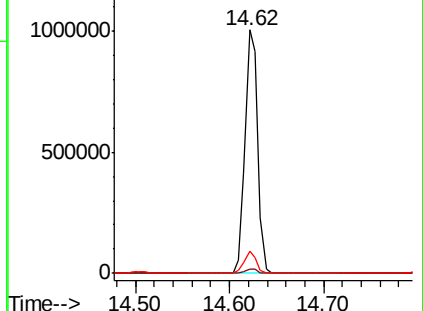
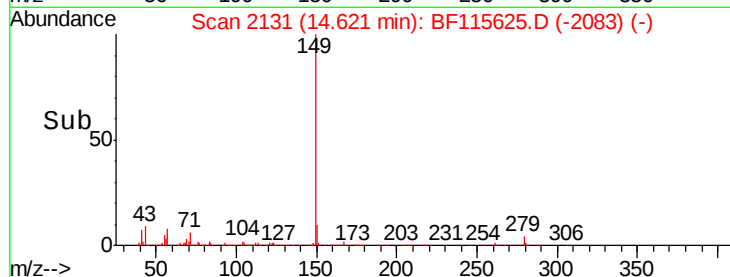
43 8.3 7.2 10.8



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: 48.400 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

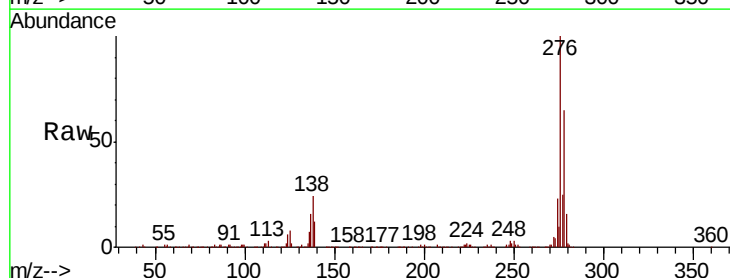
Tgt Ion:276 Resp: 836029

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.2

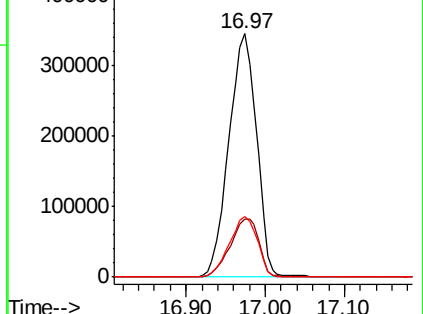
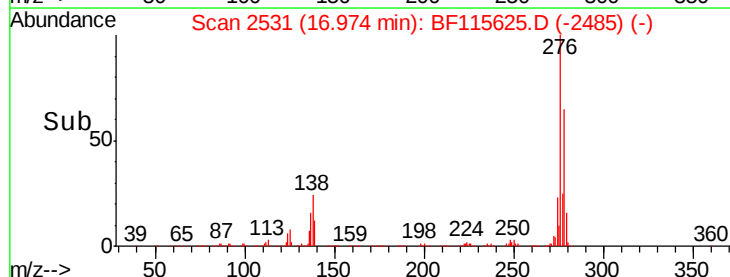
277 25.4 20.4 30.6

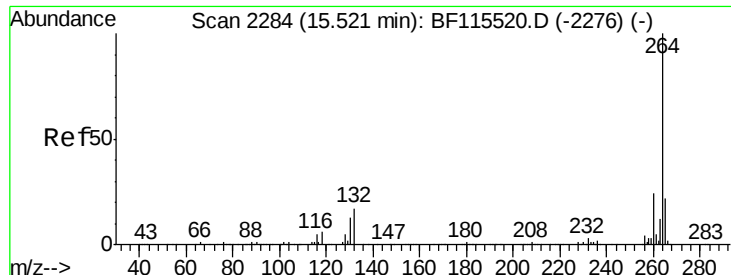


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

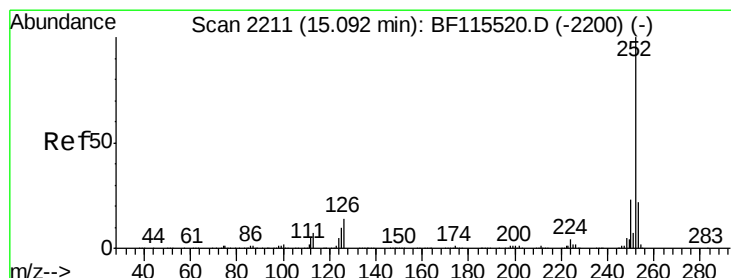
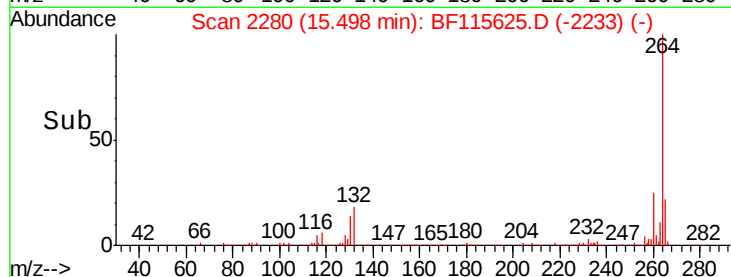
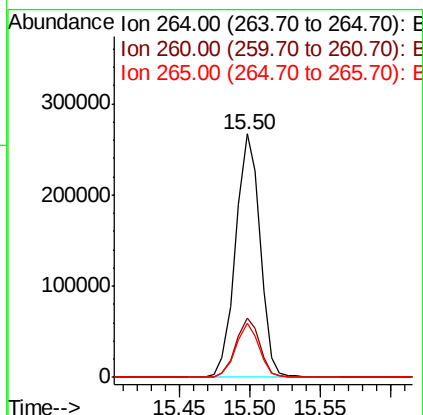
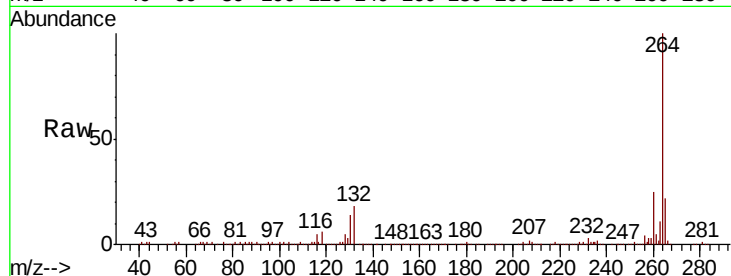




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

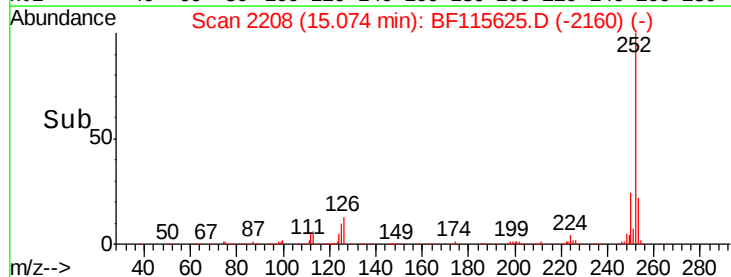
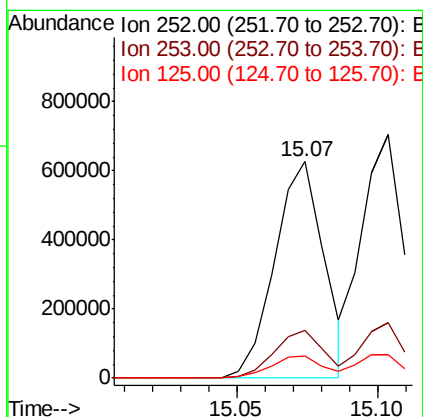
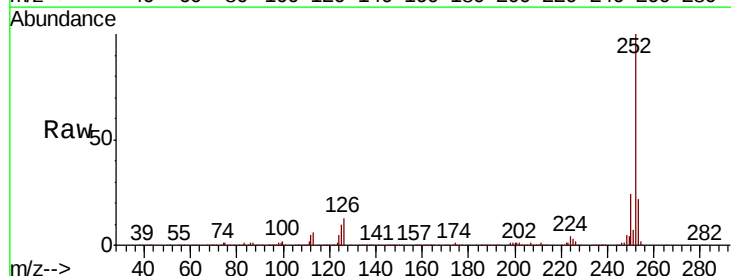
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

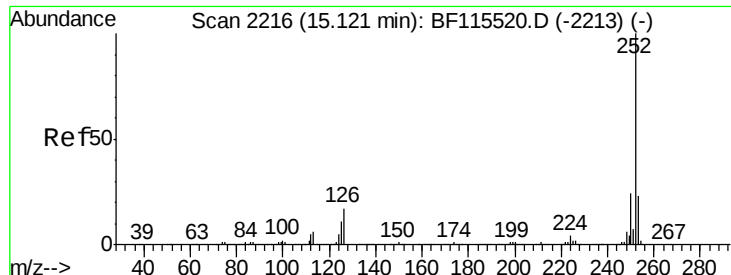
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.1	17.7	26.5



#88
 Benzo(b)fluoranthene
 Concen: 36.354 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BF115625.D
 Acq: 17 Jul 2019 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.4	9.0	13.4

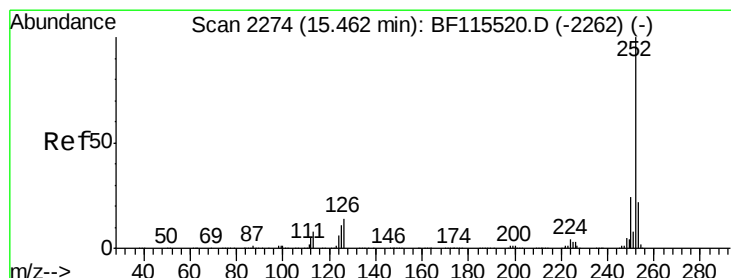
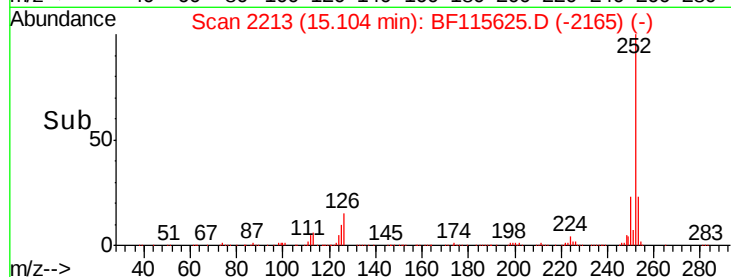
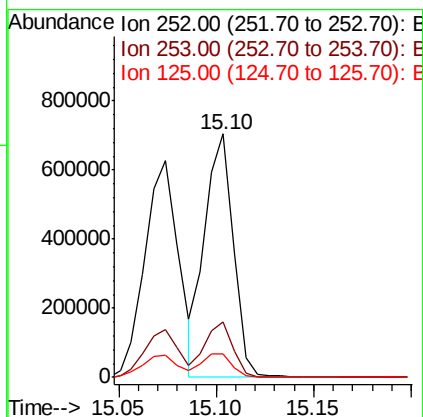
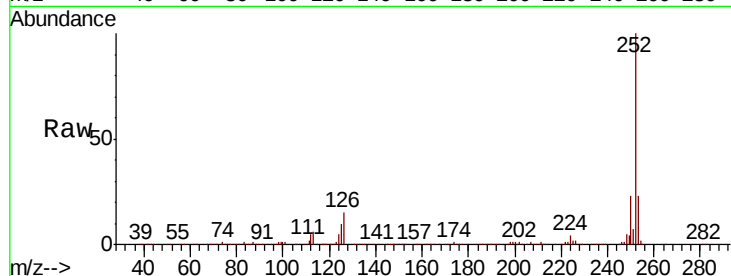




#89
Benzo(k)fluoranthene
Concen: 38.669 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

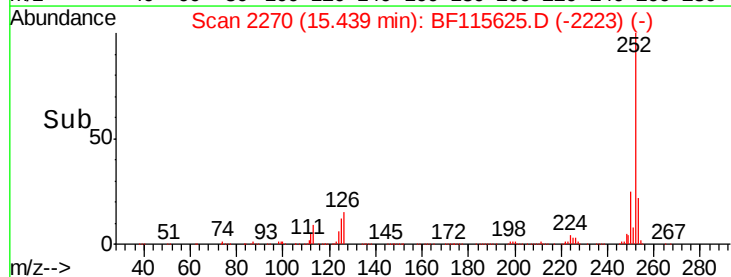
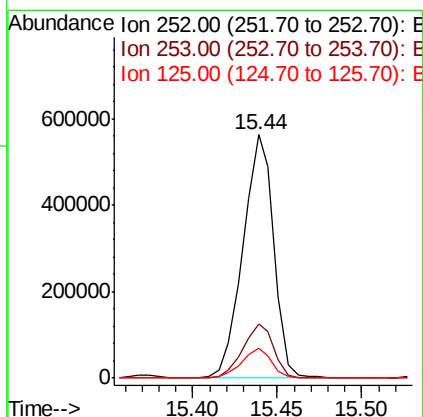
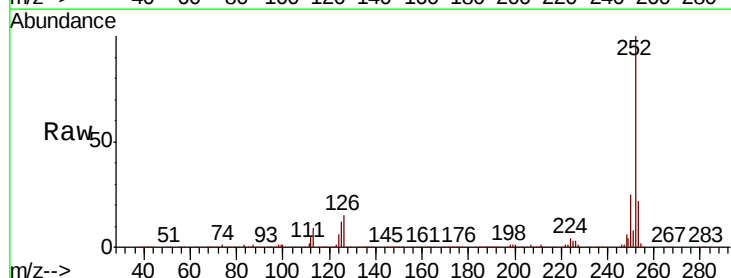
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

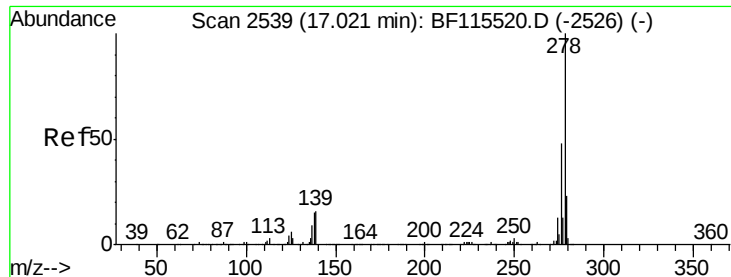
Tgt Ion:252 Resp: 717256
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 9.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 39.948 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115625.D
Acq: 17 Jul 2019 16:39

Tgt Ion:252 Resp: 714331
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 44.760 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

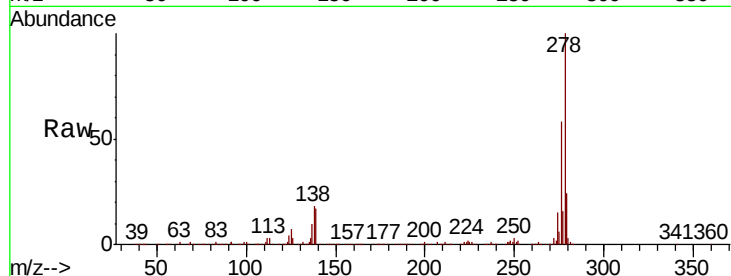
Tgt Ion:278 Resp: 702653

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

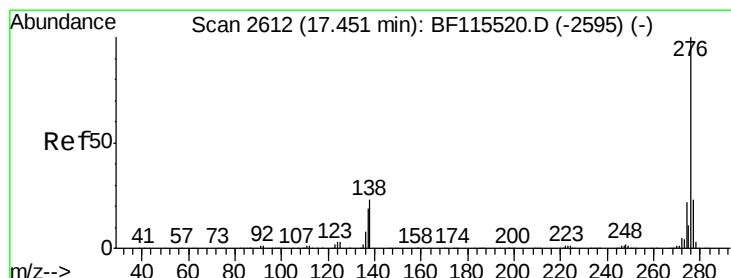
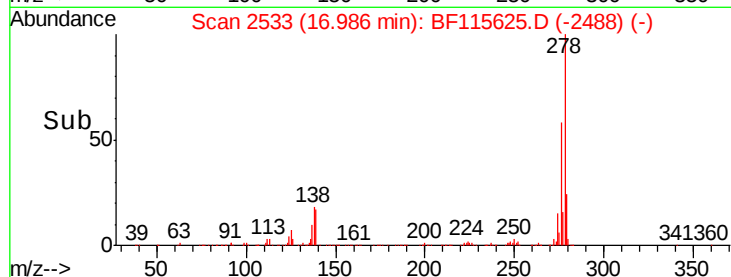
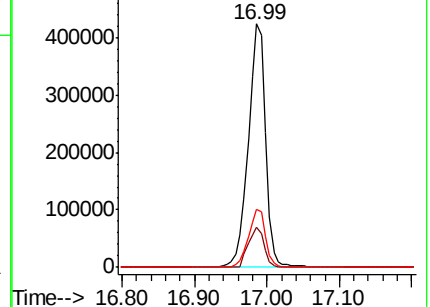
279 24.0 19.6 29.4



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: 43.890 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.04 min

Lab File: BF115625.D

Acq: 17 Jul 2019 16:39

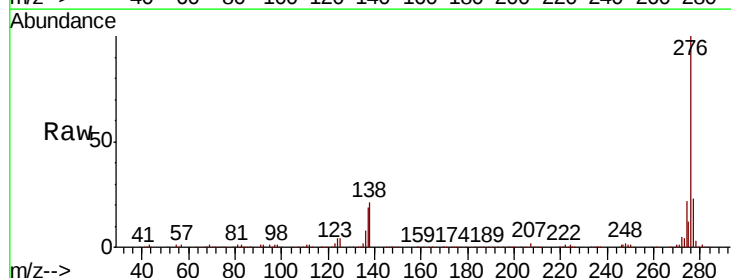
Tgt Ion:276 Resp: 687153

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 21.5 17.2 25.8



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

