

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115626.D
 Acq On : 17 Jul 2019 17:09
 Operator : HP/JU
 Sample : K3838-0MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 18 04:45:46 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	192097	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	657990	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	320139	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	563917	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	296666	20.00	ng	-0.02
87) Perylene-d12	15.50	264	319178	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1150313	97.95	ng	0.01
7) Phenol-d6	6.52	99	1649956	110.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	918190	81.14	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	348137	93.16	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1593336	87.11	ng	-0.01
79) Terphenyl-d14	12.98	244	1385425	86.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	187420	31.993	ng	99
3) Pyridine	3.51	79	215889	13.583	ng	98
4) n-Nitrosodimethylamine	3.45	42	216689	37.581	ng	98
6) Aniline	6.55	93	537327	25.910	ng	98
8) 2-Chlorophenol	6.67	128	507903	37.616	ng	95
9) Benzaldehyde	6.43	77	274345	29.461	ng	99
10) Phenol	6.53	94	653245	37.762	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	510589	38.768	ng	99
12) 1,3-Dichlorobenzene	6.83	146	543910	35.829	ng	98
13) 1,4-Dichlorobenzene	6.90	146	541359	35.741	ng	97
14) 1,2-Dichlorobenzene	7.06	146	521149	37.639	ng	96
15) Benzyl Alcohol	7.02	79	452455	38.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	661248	38.135	ng	97
17) 2-Methylphenol	7.13	107	432760	37.191	ng	99
18) Hexachloroethane	7.40	117	168309	29.938	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	340170	35.002	ng	100
20) 3+4-Methylphenols	7.29	107	489435	35.411	ng	95
22) Acetophenone	7.29	105	667301	44.891	ng	# 93
24) Nitrobenzene	7.46	77	484516	39.697	ng	98
25) Isophorone	7.70	82	858711	37.923	ng	100
26) 2-Nitrophenol	7.77	139	211698	33.698	ng	98
27) 2,4-Dimethylphenol	7.82	122	367792	39.128	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	528652	38.056	ng	99
29) 2,4-Dichlorophenol	8.02	162	362629	37.095	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	418156	37.841	ng	98
31) Naphthalene	8.19	128	1265046	39.698	ng	97
32) Benzoic acid	7.82	122	367792	47.678	ng	# 14
33) 4-Chloroaniline	8.23	127	389224	27.575	ng	98
34) Hexachlorobutadiene	8.31	225	238518	37.640	ng	99
35) Caprolactam	8.63	113	26847	8.887	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	387603	38.223	ng	96
37) 2-Methylnaphthalene	8.87	142	837367	39.642	ng	97
38) 1-Methylnaphthalene	8.97	142	782436	38.997	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	386092	40.049	ng	98

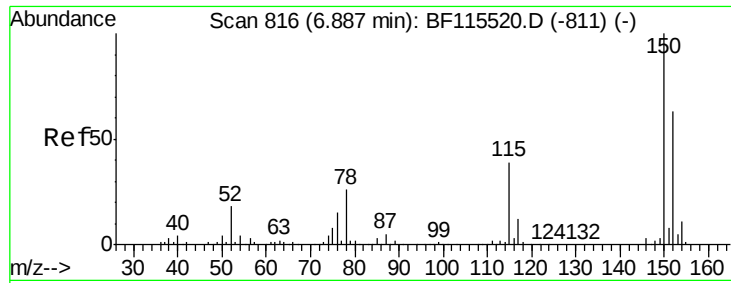
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
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Quant Time: Jul 18 04:45:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	294076	53.475	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	248823	35.294	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	257307	35.638	ng	98
46) 1,1'-Biphenyl	9.34	154	1017479	40.653	ng	99
47) 2-Chloronaphthalene	9.36	162	806299	38.690	ng	98
48) 2-Nitroaniline	9.46	65	245498	38.061	ng	93
49) Acenaphthylene	9.78	152	1209706	39.175	ng	98
50) Dimethylphthalate	9.64	163	1193816	49.564	ng	99
51) 2,6-Dinitrotoluene	9.70	165	213500	39.004	ng	93
52) Acenaphthene	9.95	154	719168	36.073	ng	98
53) 3-Nitroaniline	9.86	138	203963	32.607	ng	99
54) 2,4-Dinitrophenol	9.97	184	12939	4.604	ng	93
55) Dibenzofuran	10.12	168	1075945	38.003	ng	99
56) 4-Nitrophenol	10.02	139	292125	61.243	ng	99
57) 2,4-Dinitrotoluene	10.10	165	276007	38.921	ng	96
58) Fluorene	10.46	166	773693	38.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	186622	30.921	ng	97
60) Diethylphthalate	10.33	149	892202	39.534	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	411736	36.683	ng	100
62) 4-Nitroaniline	10.47	138	199152	33.192	ng	96
63) Azobenzene	10.62	77	844789	38.593	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	51489	14.945	ng	94
66) n-Nitrosodiphenylamine	10.57	169	721324	41.121	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	253507	39.339	ng	97
68) Hexachlorobenzene	11.02	284	276086	37.515	ng	# 92
69) Atrazine	11.10	200	237673	41.302	ng	99
70) Pentachlorophenol	11.20	266	171606	38.125	ng	98
71) Phenanthrene	11.43	178	1128921	39.055	ng	97
72) Anthracene	11.47	178	1156959	38.729	ng	99
73) Carbazole	11.63	167	983386	37.539	ng	98
74) Di-n-butylphthalate	11.96	149	1296159	40.168	ng	100
75) Fluoranthene	12.61	202	1044120	34.182	ng	98
77) Benzidine	12.72	184	105965	10.083	ng	98
78) Pyrene	12.84	202	1024869	40.775	ng	97
80) Butylbenzylphthalate	13.45	149	449664	41.967	ng	98
81) Benzo(a)anthracene	14.02	228	758190	38.793	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	262199	37.738	ng	99
83) Chrysene	14.06	228	760802	38.777	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	594396	44.785	ng	# 98
85) Di-n-octyl phthalate	14.62	149	936127	44.330	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	812851	48.765	ng	99
88) Benzo(b)fluoranthene	15.07	252	759597	36.959	ng	98
89) Benzo(k)fluoranthene	15.10	252	712916	38.907	ng	97
90) Benzo(a)pyrene	15.44	252	712787	40.351	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	687857	44.355	ng	99
92) Benzo(g,h,i)perylene	17.42	276	657150	42.489	ng	99

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

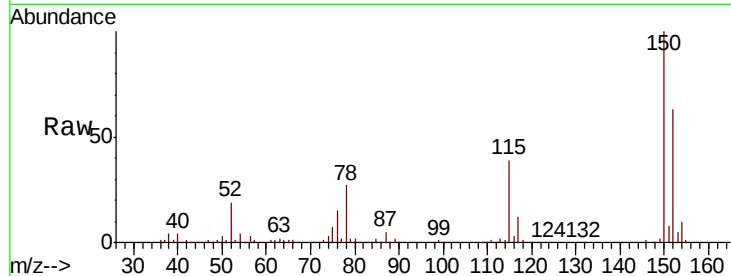


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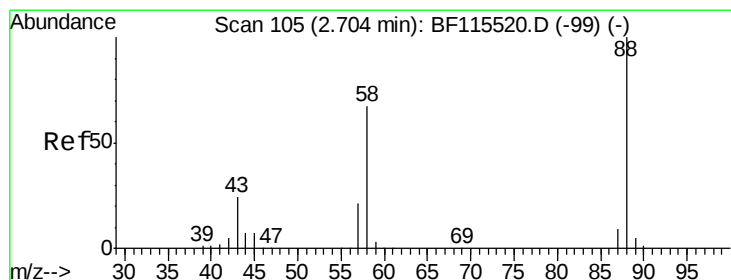
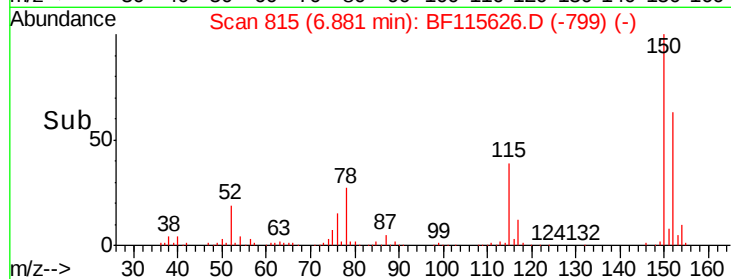
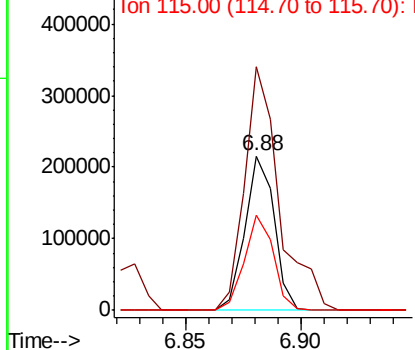
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion: 152 Resp: 192097
Ion Ratio Lower Upper
152 100
150 157.8 129.7 194.5
115 61.3 48.2 72.4



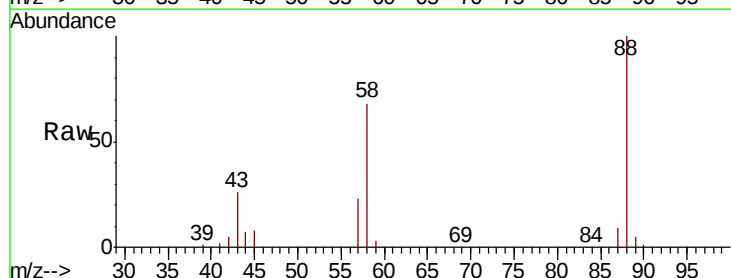
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



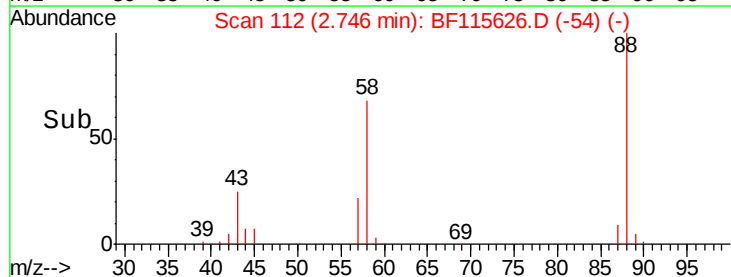
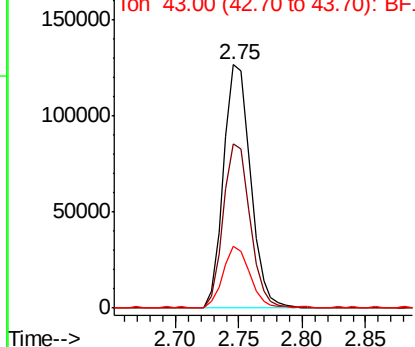
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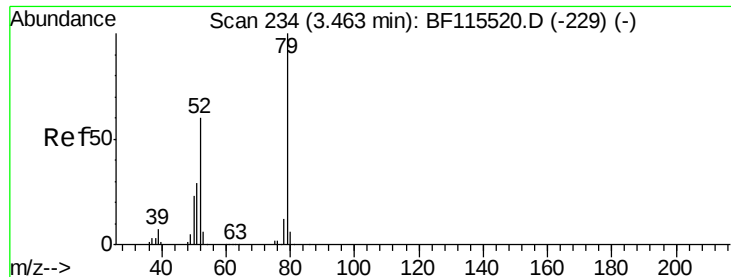
1,4-Dioxane
Concen: 31.993 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion: 88 Resp: 187420
Ion Ratio Lower Upper
88 100
58 67.0 52.6 79.0
43 24.5 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: 13.583 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.05 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

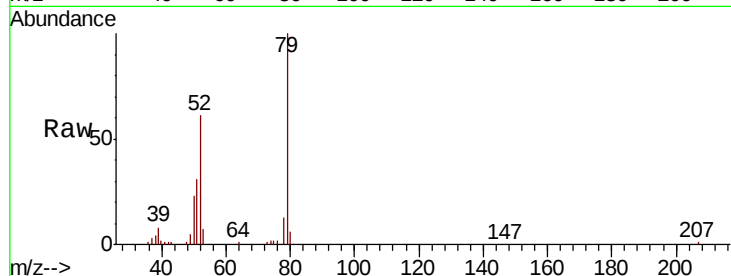
Tgt Ion: 79 Resp: 215889

Ion Ratio Lower Upper

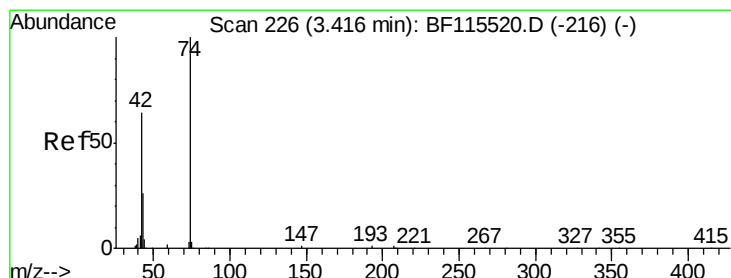
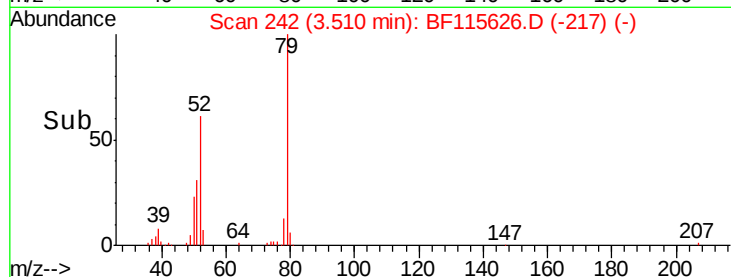
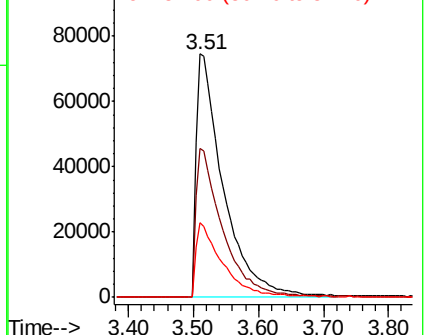
79 100

52 61.0 47.8 71.6

51 30.5 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 37.581 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.03 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

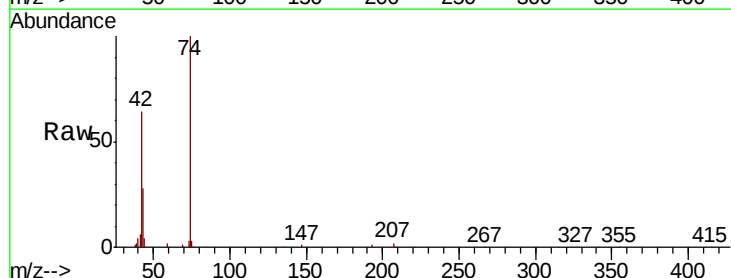
Tgt Ion: 42 Resp: 216689

Ion Ratio Lower Upper

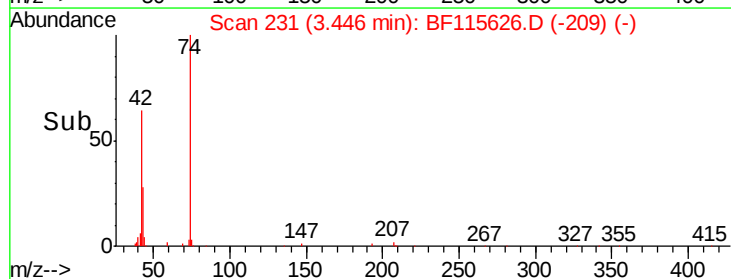
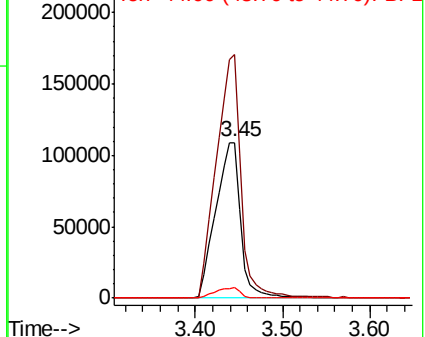
42 100

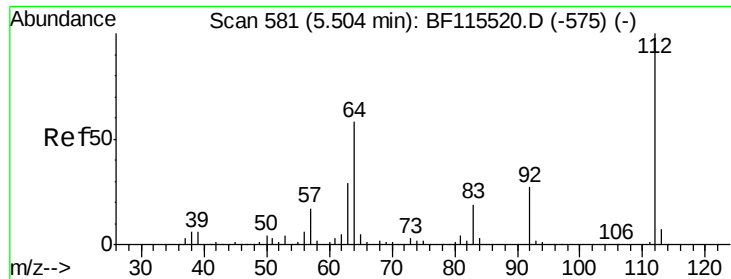
74 156.6 127.5 191.3

44 6.7 5.0 7.6



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





#5

2-Fluorophenol

Concen: 97.949 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

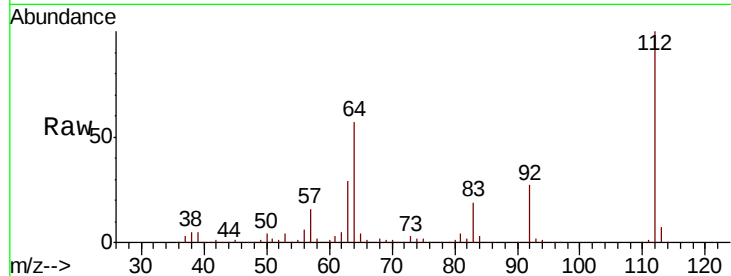
Tgt Ion: 112 Resp: 1150313

Ion Ratio Lower Upper

112 100

64 56.9 46.8 70.2

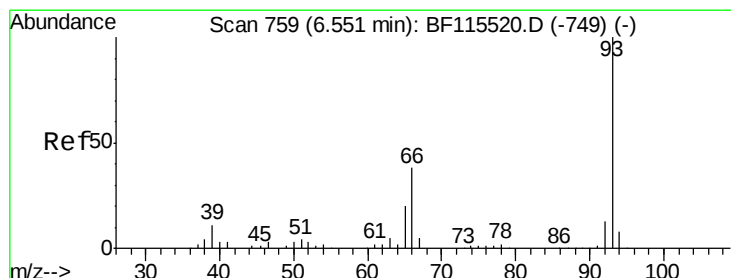
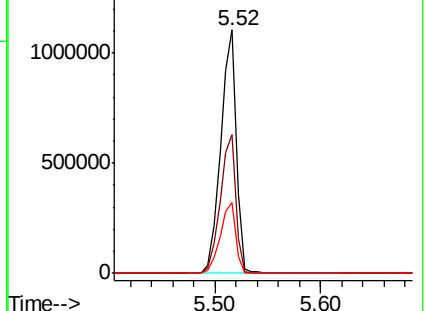
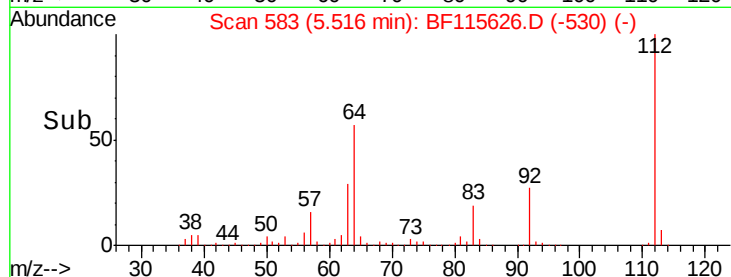
63 28.9 24.1 36.1



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: 25.910 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

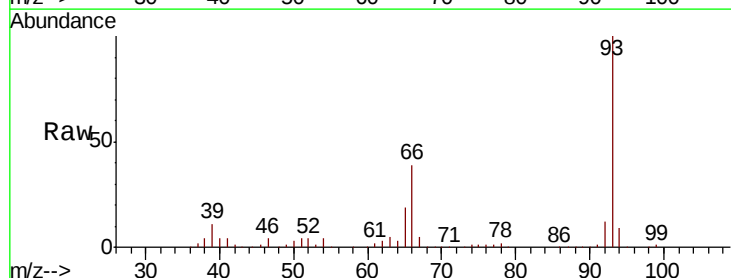
Tgt Ion: 93 Resp: 537327

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

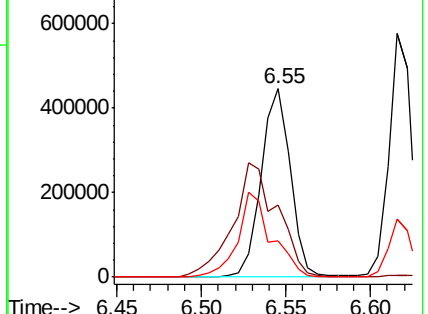
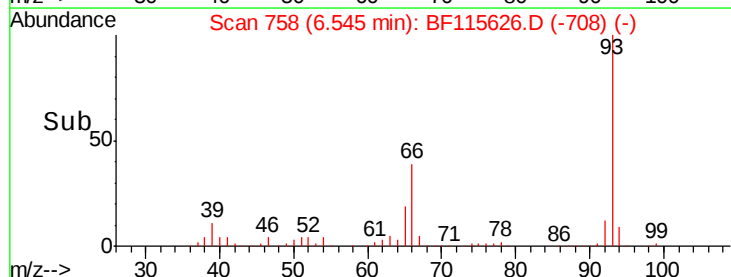
65 19.2 16.2 24.2

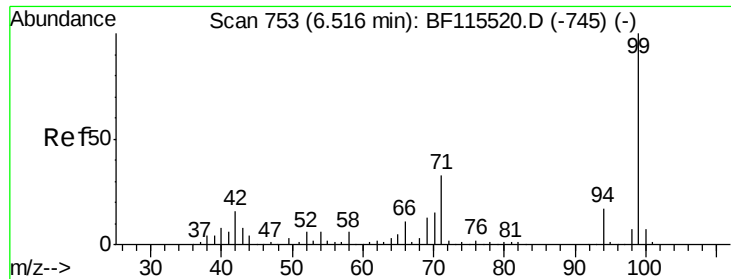


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.723 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115626.D

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ClientSampleId :

WARINACO-CITY-SEWER-INSTAL

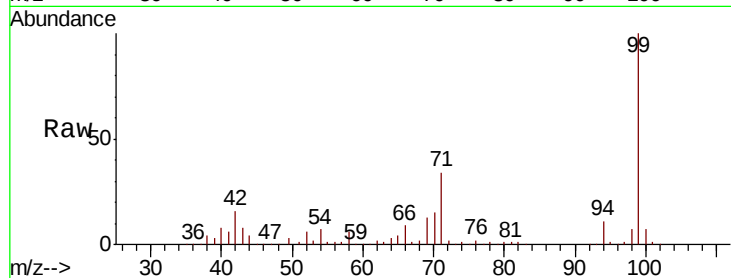
Tgt Ion: 99 Resp: 1649956

Ion Ratio Lower Upper

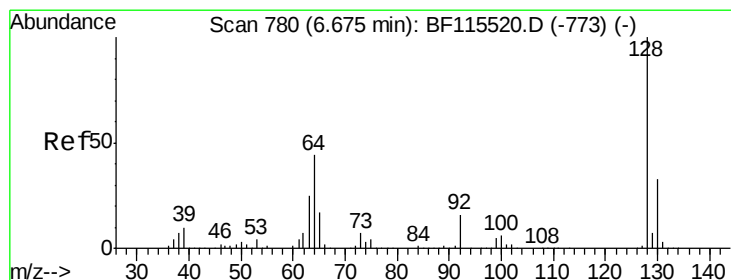
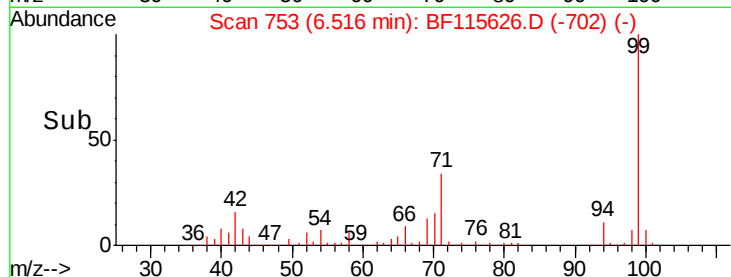
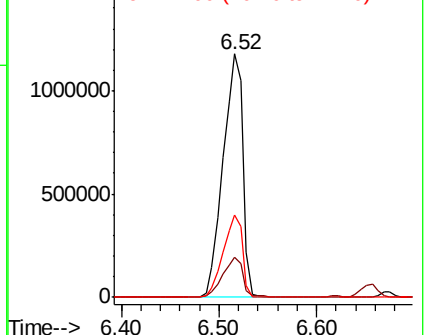
99 100

42 16.5 13.6 20.4

71 33.7 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: 37.616 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

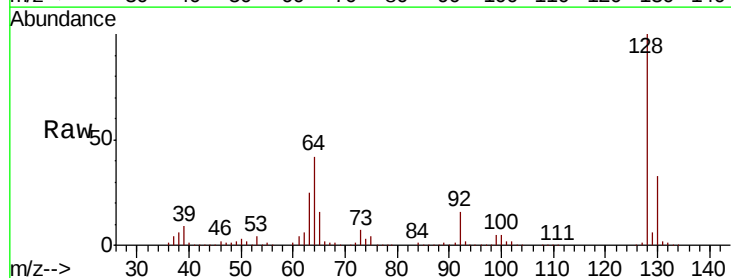
Tgt Ion: 128 Resp: 507903

Ion Ratio Lower Upper

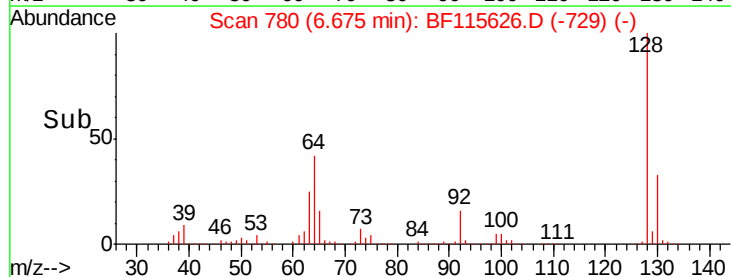
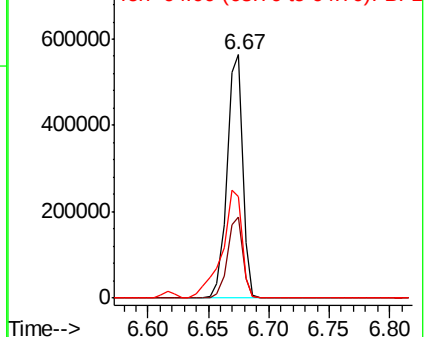
128 100

130 33.3 12.8 52.8

64 41.9 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

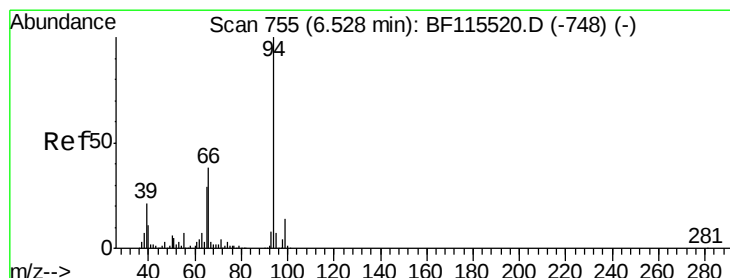
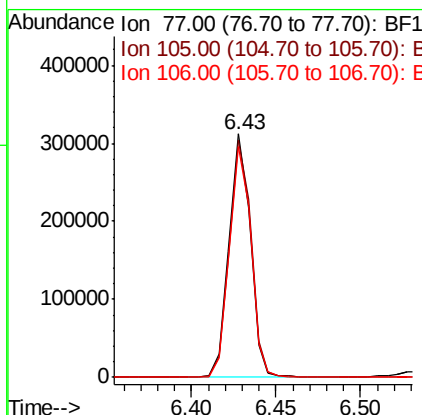
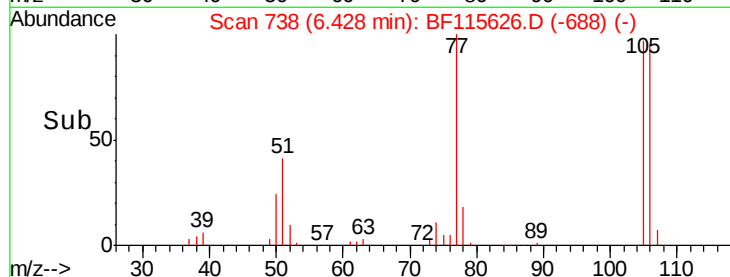
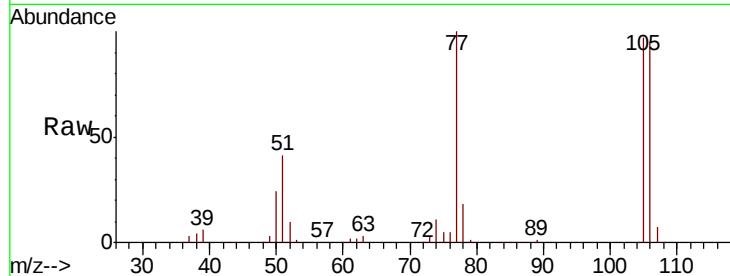




#9
Benzaldehyde
Concen: 29.461 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

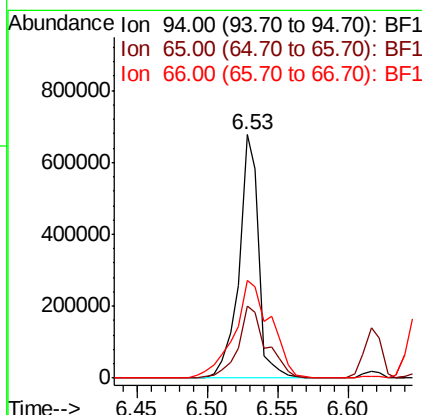
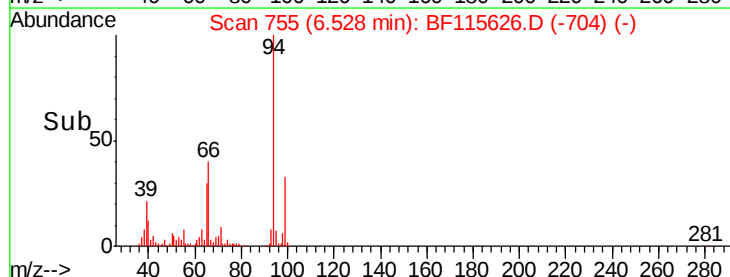
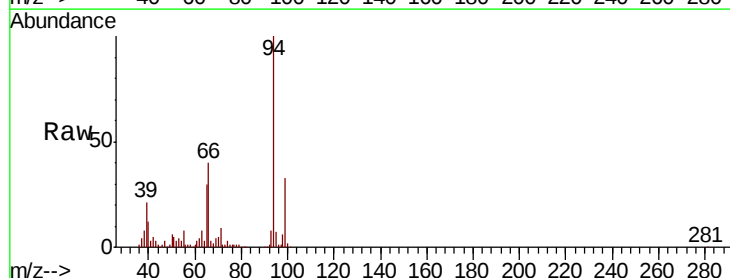
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

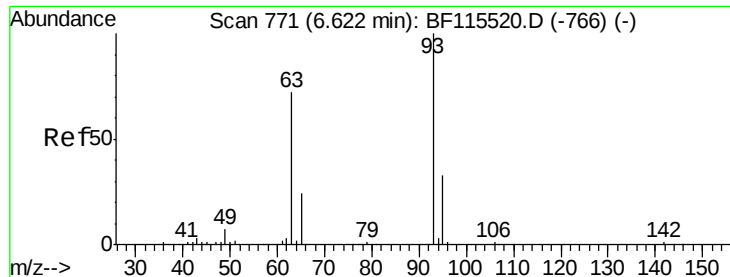
Tgt Ion: 77 Resp: 274345
Ion Ratio Lower Upper
77 100
105 97.5 78.8 118.8
106 94.6 75.6 115.6



#10
Phenol
Concen: 37.762 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion: 94 Resp: 653245
Ion Ratio Lower Upper
94 100
65 29.6 14.5 54.5
66 40.2 31.3 71.3



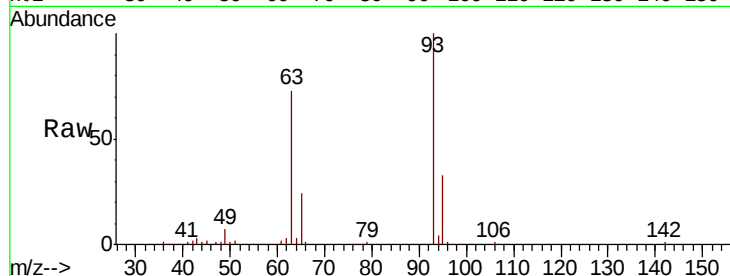


#11
bis(2-Chloroethyl)ether
Concen: 38.768 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

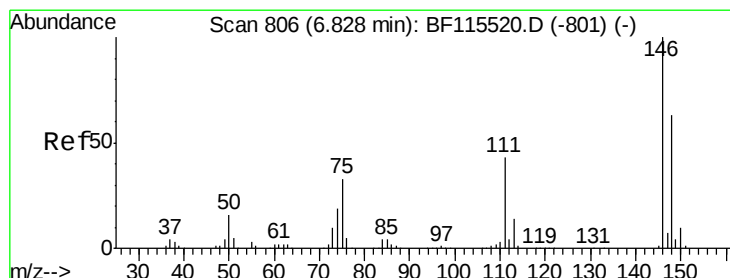
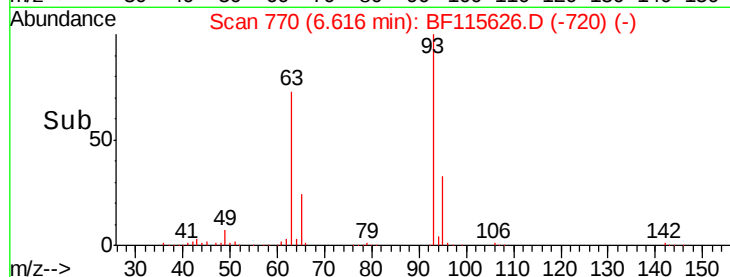
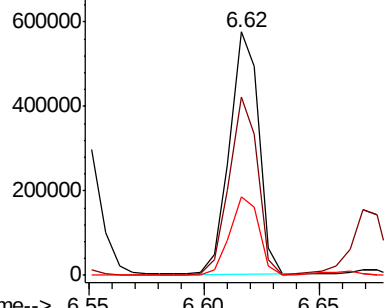
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion: 93 Resp: 510589

Ion	Ratio	Lower	Upper
93	100		
63	73.2	52.2	92.2
95	32.5	12.9	52.9



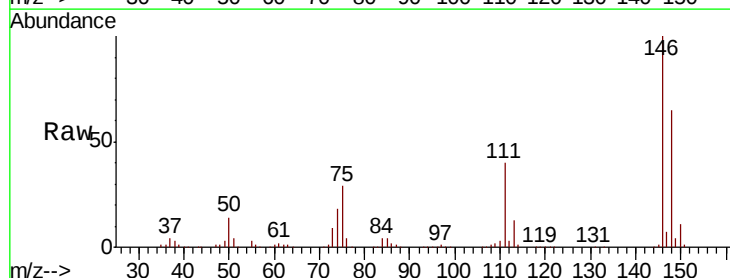
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



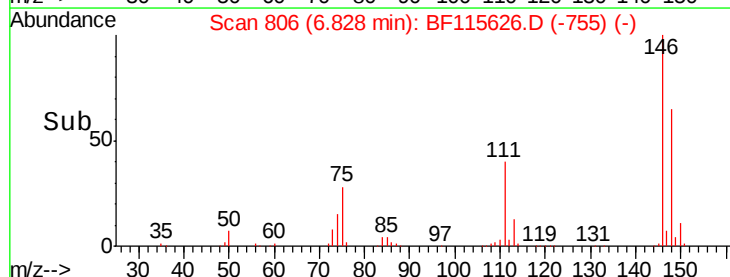
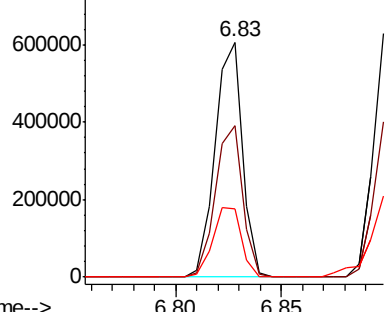
#12
1,3-Dichlorobenzene
Concen: 35.829 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

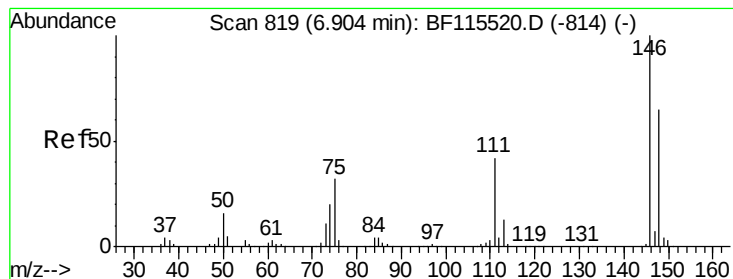
Tgt Ion: 146 Resp: 543910

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	29.0	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: 35.741 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

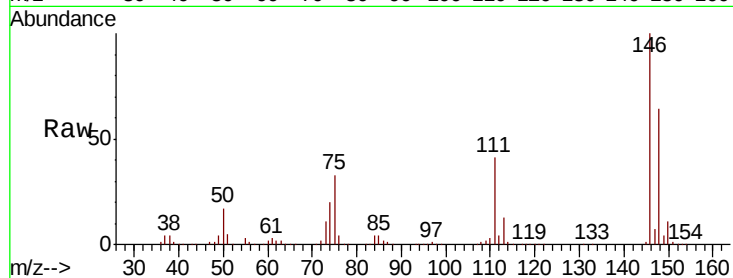
Tgt Ion:146 Resp: 541359

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

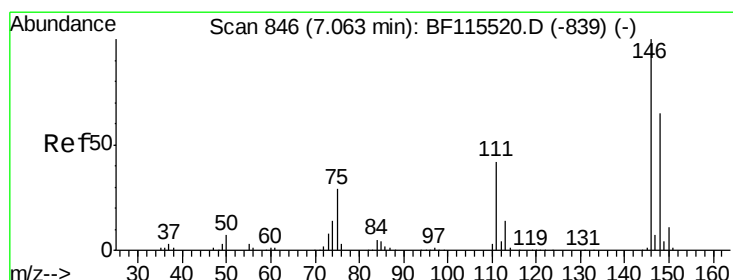
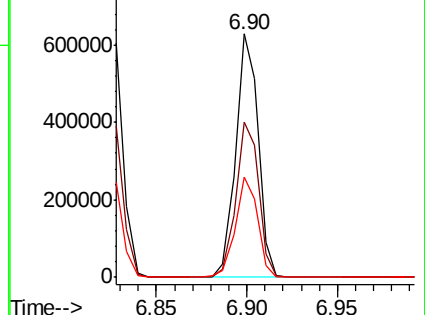
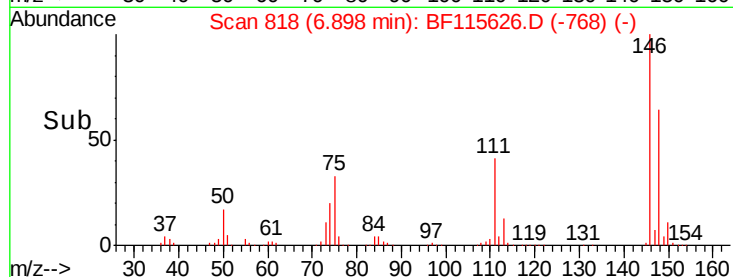
111 41.4 35.5 53.3



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: 37.639 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

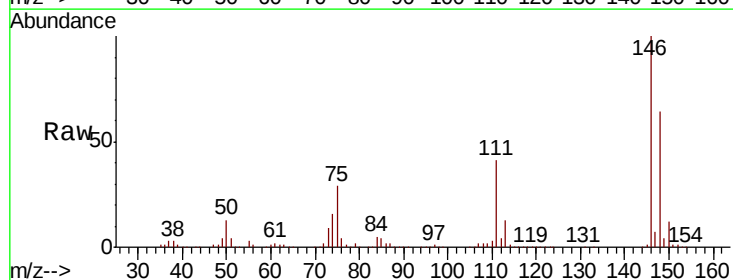
Tgt Ion:146 Resp: 521149

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

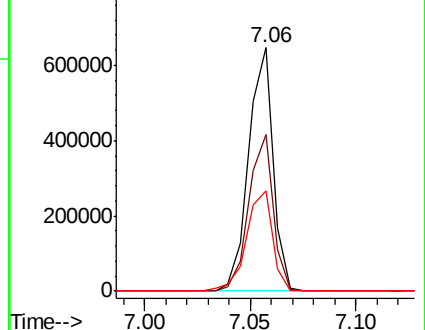
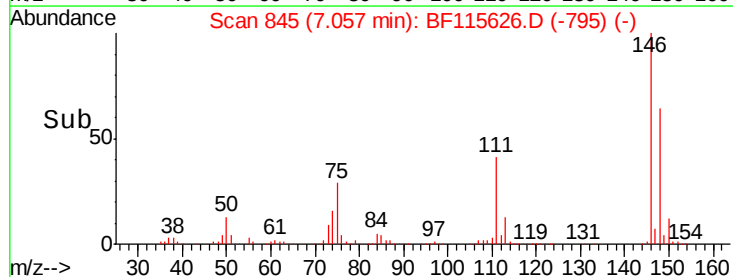
111 41.2 37.6 56.4



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: 38.275 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

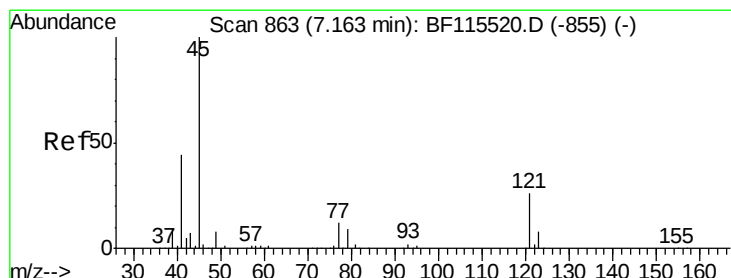
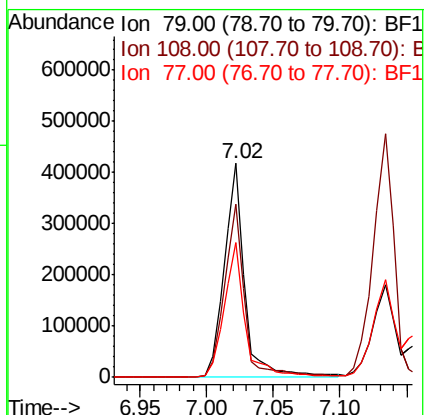
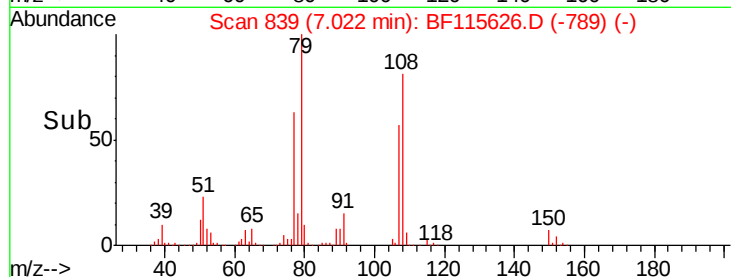
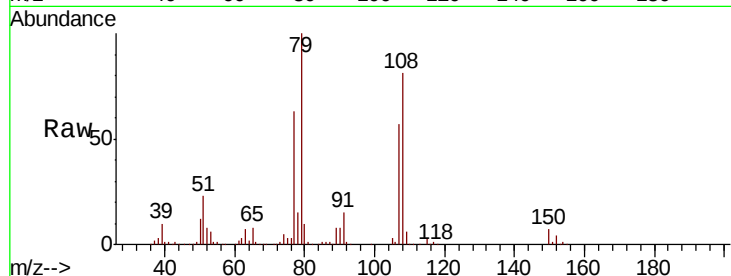
Tgt Ion: 79 Resp: 452455

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.135 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

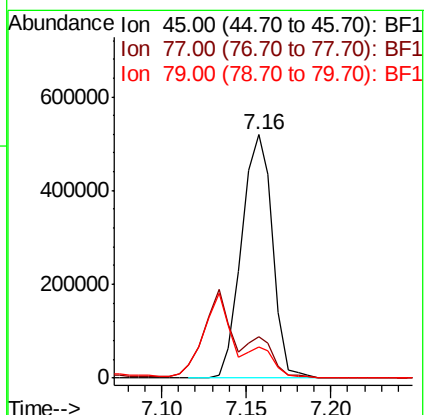
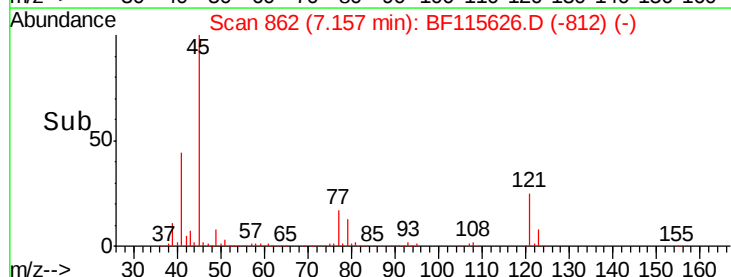
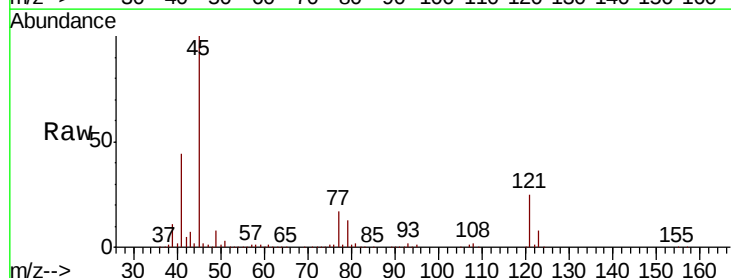
Tgt Ion: 45 Resp: 661248

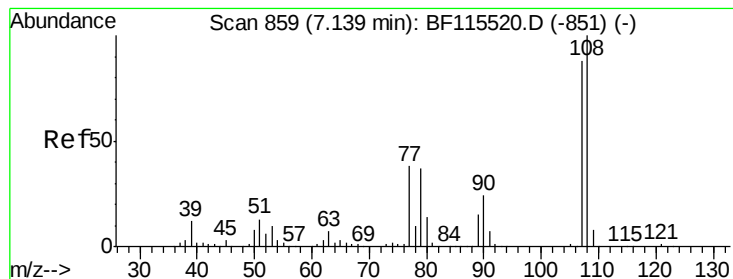
Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 13.0 0.0 34.1





#17

2-Methylphenol

Concen: 37.191 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:107 Resp: 432760

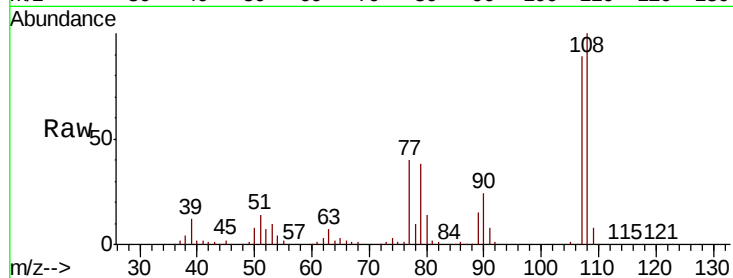
Ion Ratio Lower Upper

107 100

108 112.1 89.4 134.2

77 44.7 35.7 53.5

79 42.6 35.0 52.4

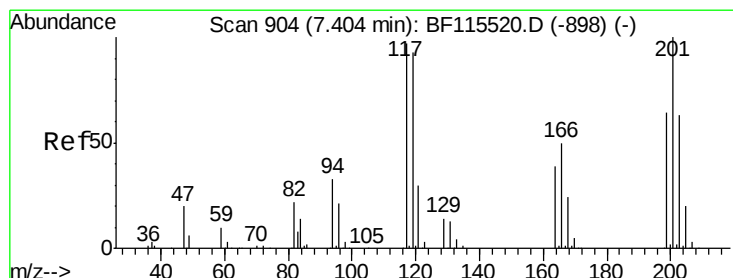
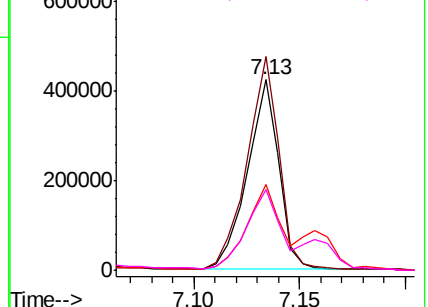
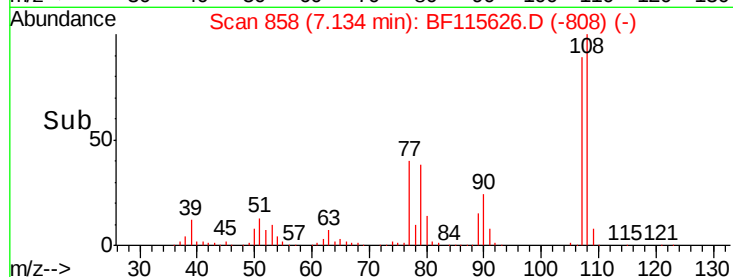


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.938 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

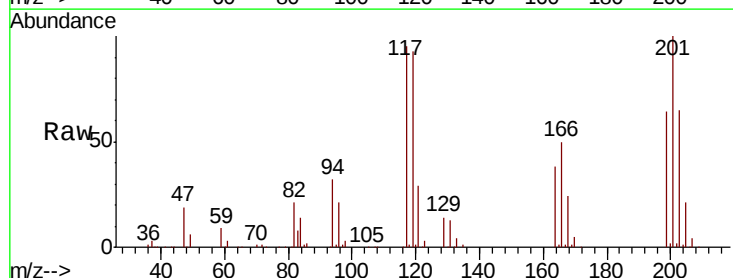
Tgt Ion:117 Resp: 168309

Ion Ratio Lower Upper

117 100

119 97.4 77.7 116.5

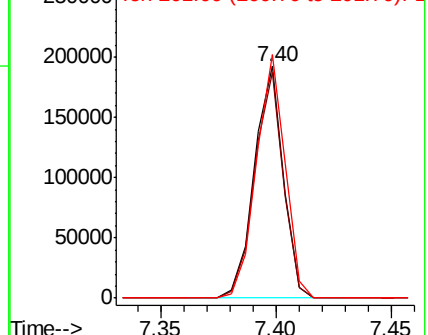
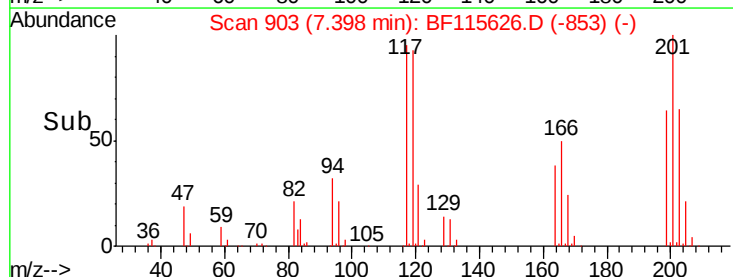
201 105.1 86.0 129.0

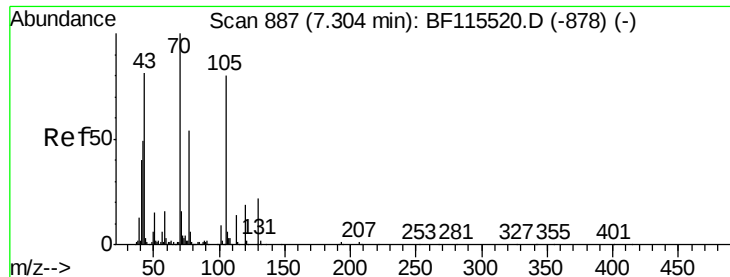


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

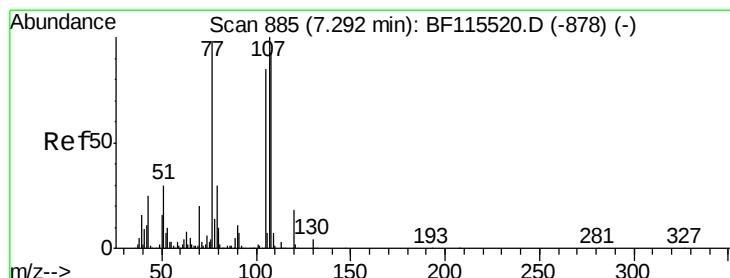
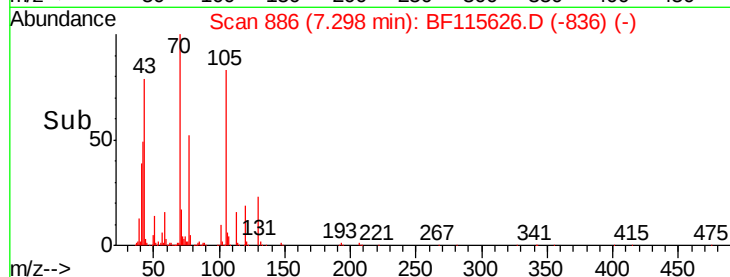
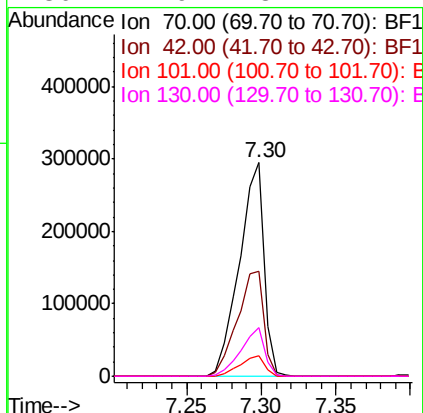
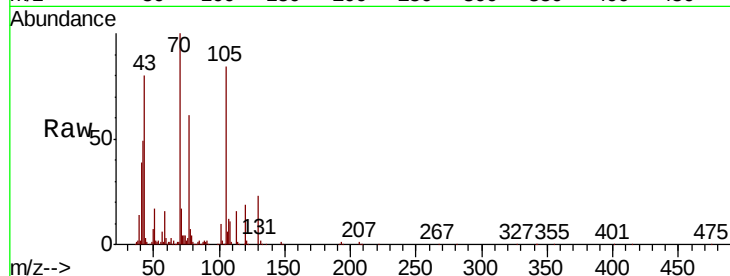




#19
n-Nitroso-di-n-propylamine
Concen: 35.002 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

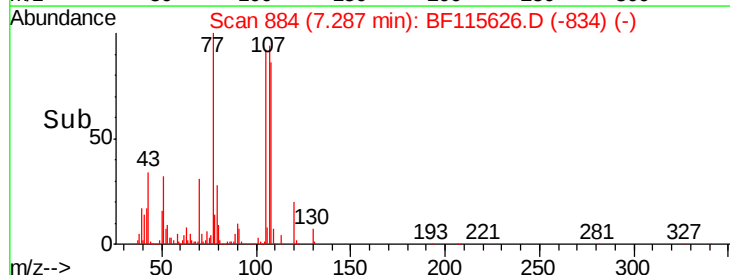
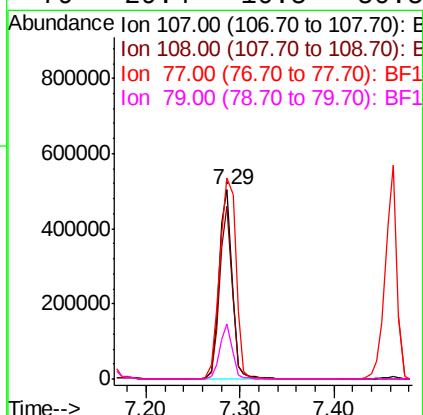
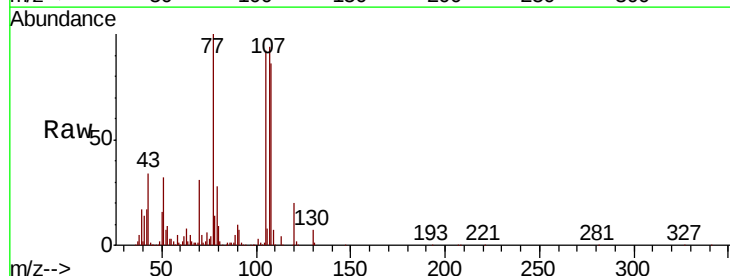
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:	70	Resp:	340170
Ion	Ratio	Lower	Upper
70	100		
42	49.4	39.6	59.4
101	9.8	8.1	12.1
130	22.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 35.411 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:	107	Resp:	489435
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.9	112.9
77	106.5	77.6	117.6
79	29.4	10.5	50.5

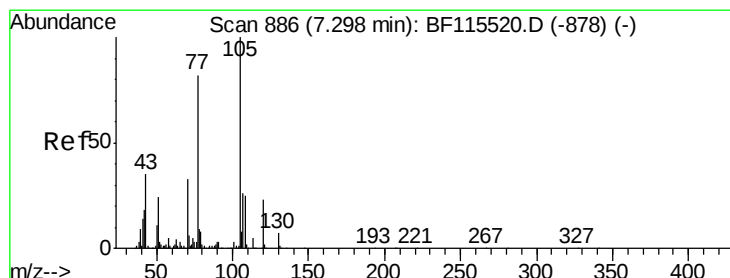
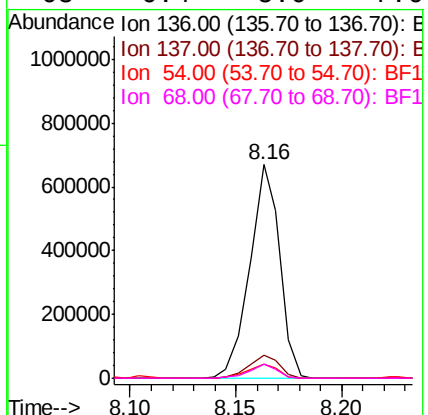
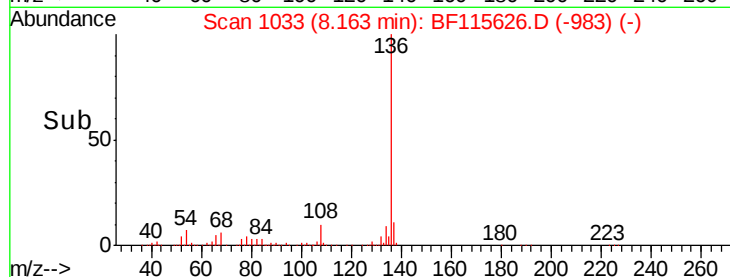
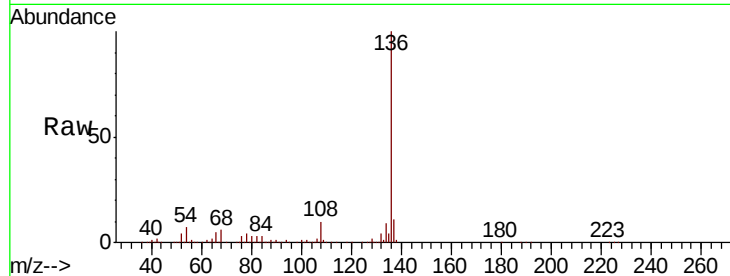




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

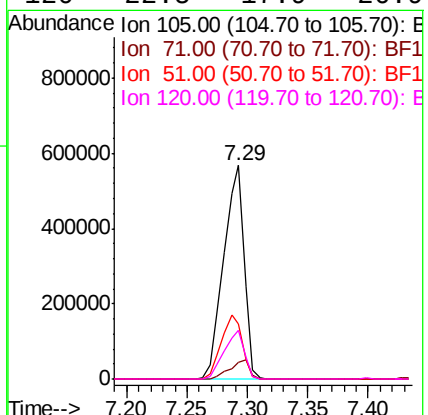
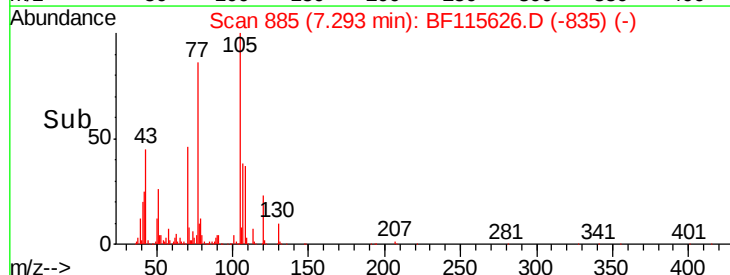
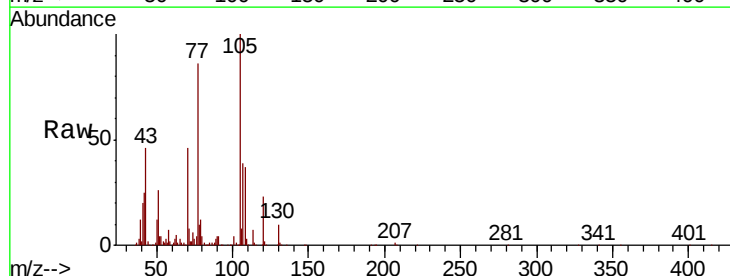
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

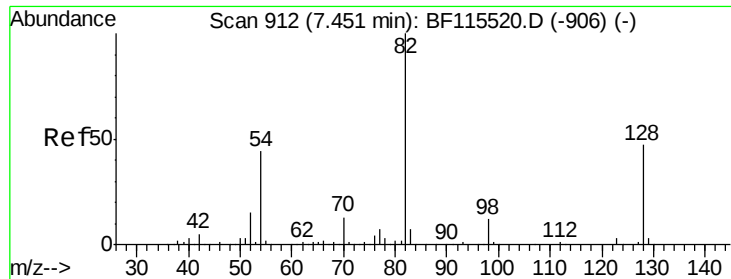
Tgt Ion:	136	Resp:	657990
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	5.6	8.4
68	6.4	5.0	7.6



#22
Acetophenone
Concen: 44.891 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:	105	Resp:	667301
Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.5	5.3#
51	26.0	25.6	38.4
120	22.5	17.9	26.9





#23

Nitrobenzene-d5

Concen: 81.140 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

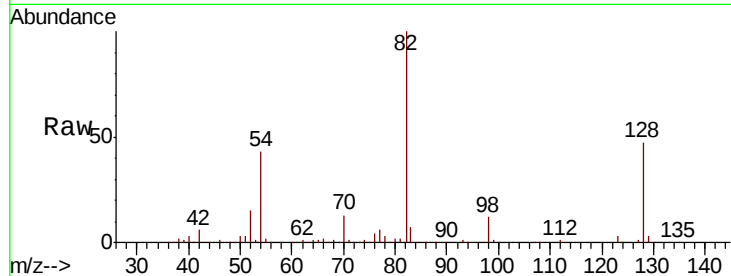
Tgt Ion: 82 Resp: 918190

Ion Ratio Lower Upper

82 100

128 47.2 38.6 57.8

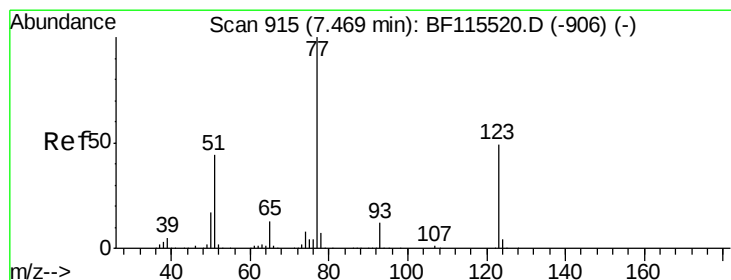
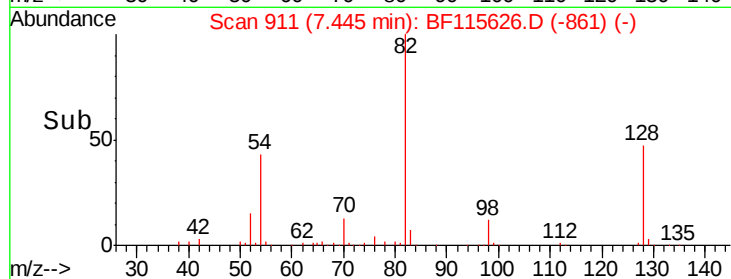
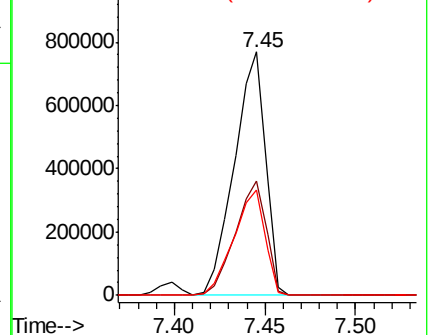
54 43.4 35.6 53.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.697 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

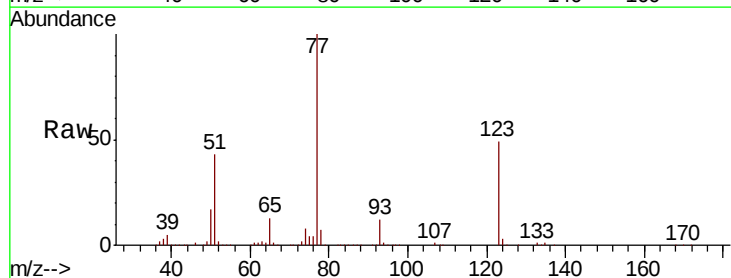
Tgt Ion: 77 Resp: 484516

Ion Ratio Lower Upper

77 100

123 48.5 40.0 60.0

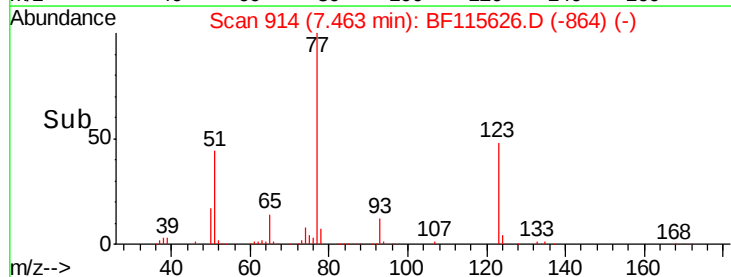
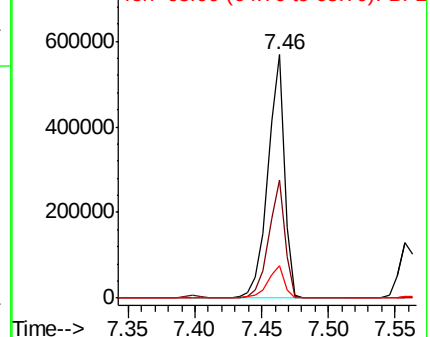
65 13.1 11.0 16.4

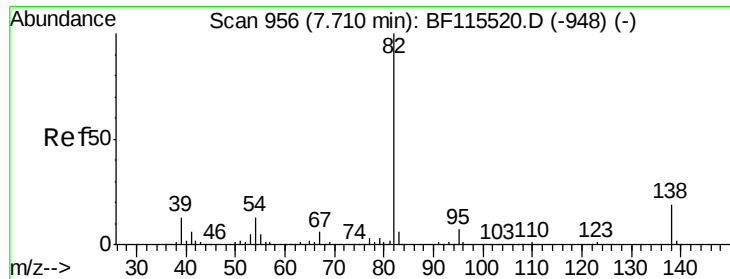


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.923 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

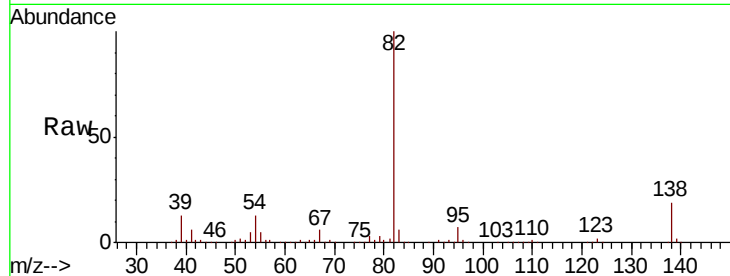
Tgt Ion: 82 Resp: 858711

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

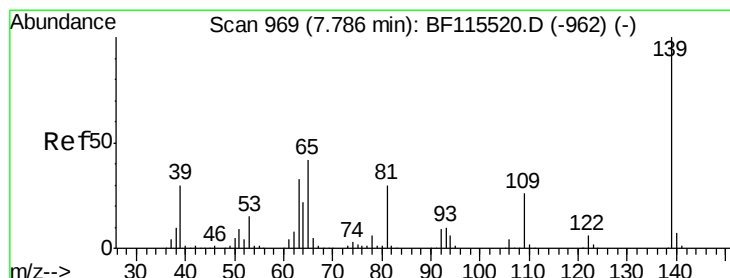
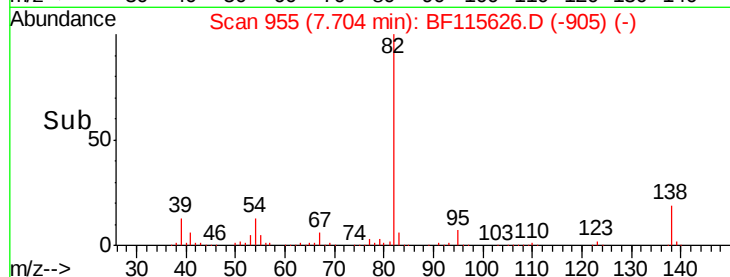
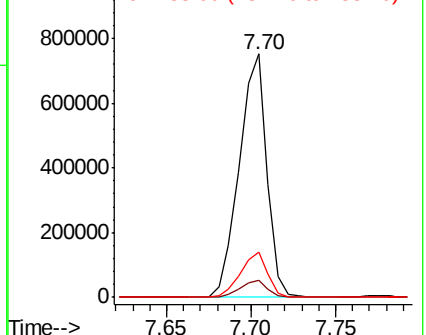
138 18.8 14.9 22.3



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: 33.698 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

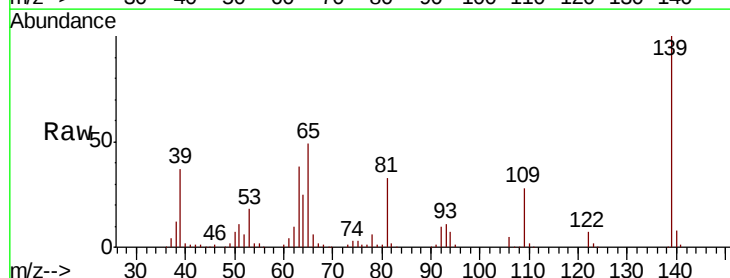
Tgt Ion: 139 Resp: 211698

Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

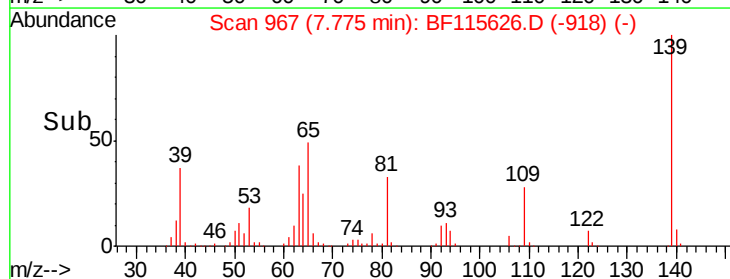
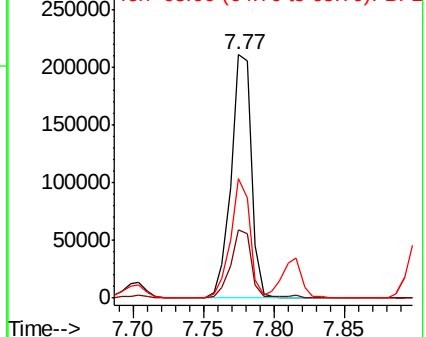
65 49.2 37.9 56.9

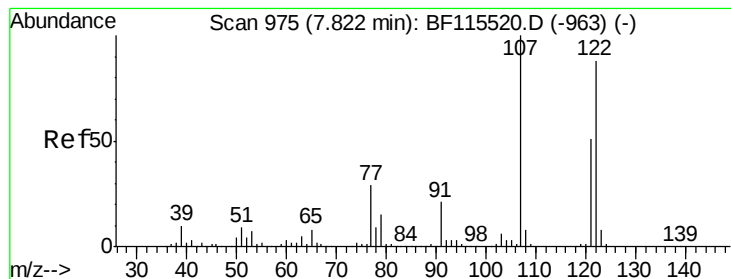


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.128 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

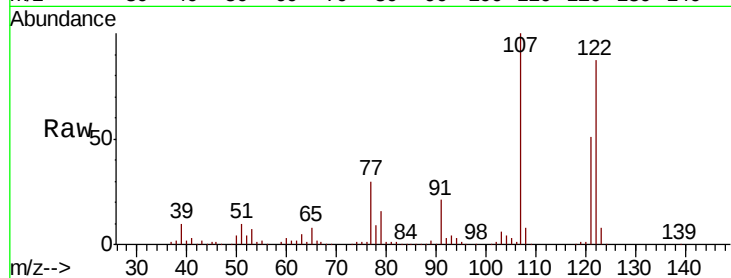
Tgt Ion:122 Resp: 367792

Ion Ratio Lower Upper

122 100

107 115.4 92.9 139.3

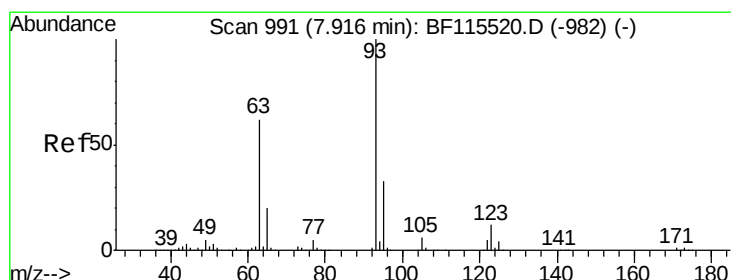
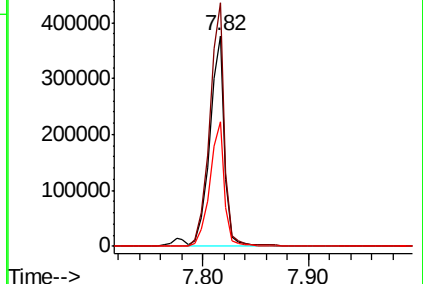
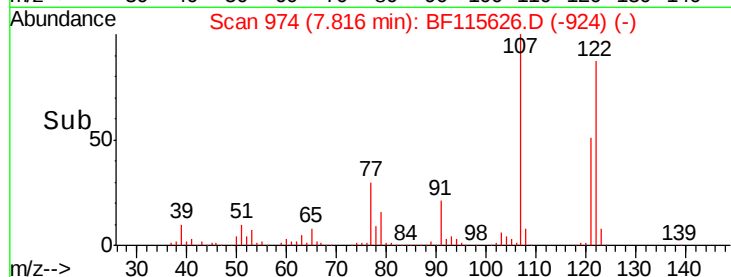
121 58.8 46.9 70.3



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: 38.056 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

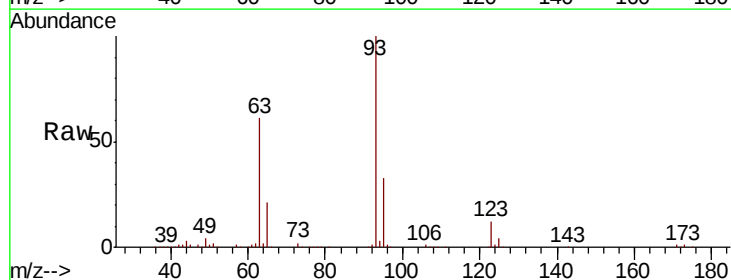
Tgt Ion: 93 Resp: 528652

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

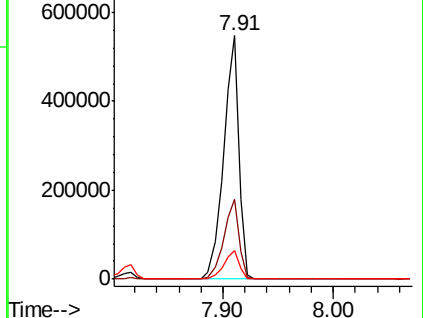
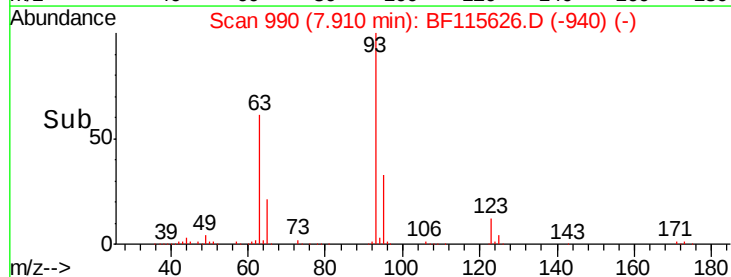
123 11.8 9.9 14.9



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

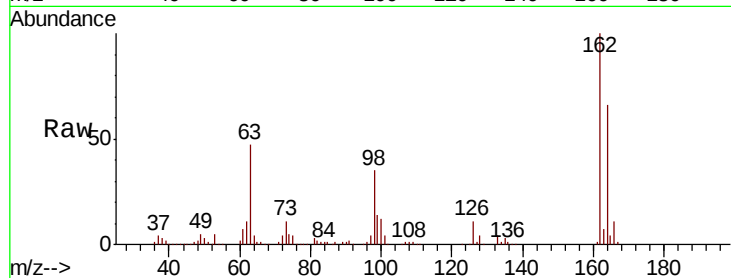




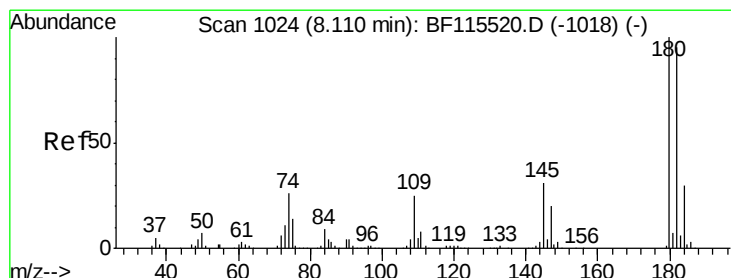
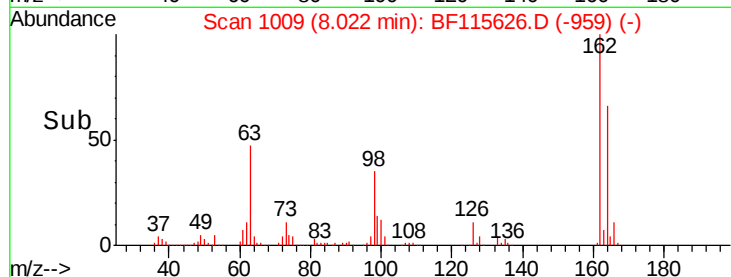
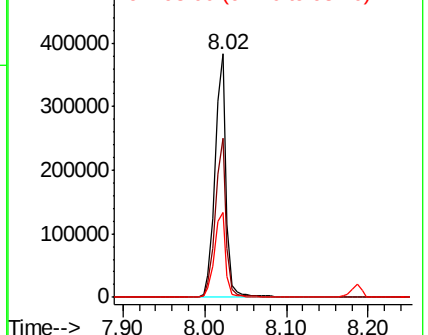
#29
2,4-Dichlorophenol
Concen: 37.095 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:162 Resp: 362629
Ion Ratio Lower Upper
162 100
164 65.6 44.9 84.9
98 35.0 17.7 57.7

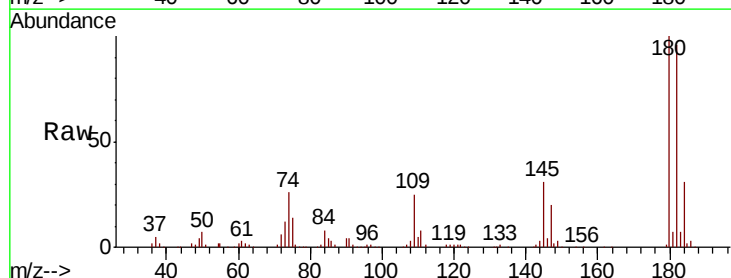


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

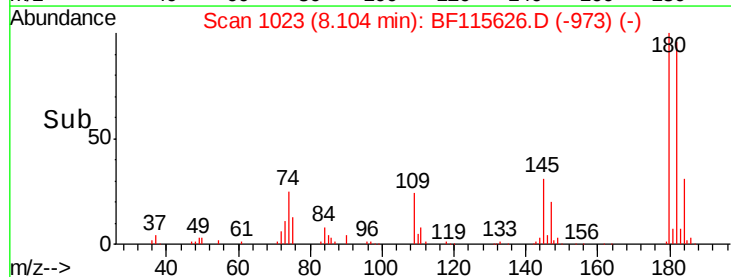
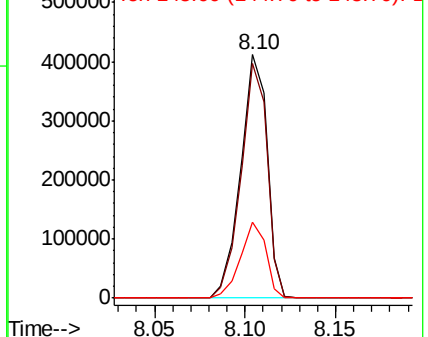


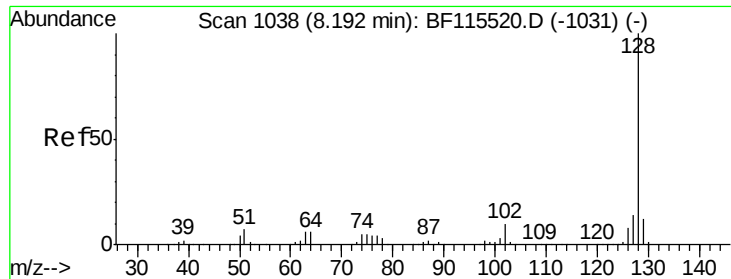
#30
1,2,4-Trichlorobenzene
Concen: 37.841 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:180 Resp: 418156
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.6
145 31.1 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

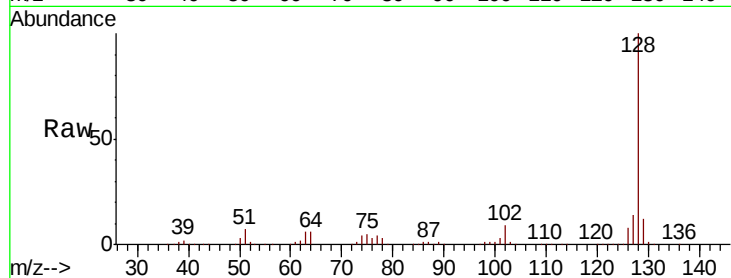




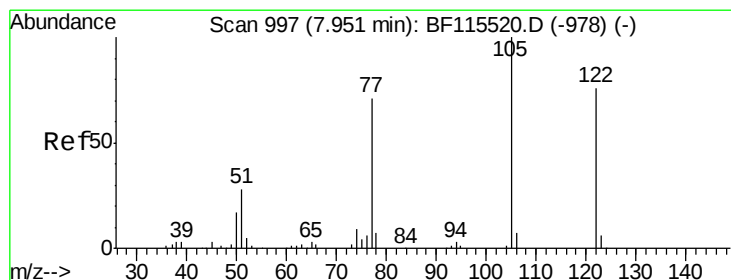
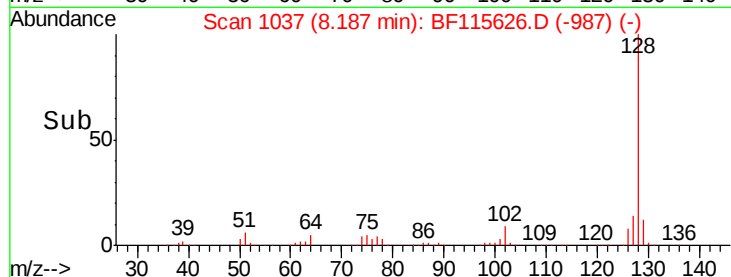
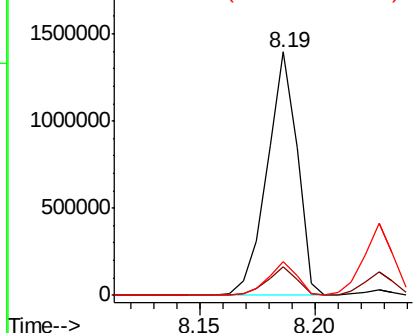
#31
Naphthalene
Concen: 39.698 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:128 Resp: 1265046
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.7 12.1 18.1

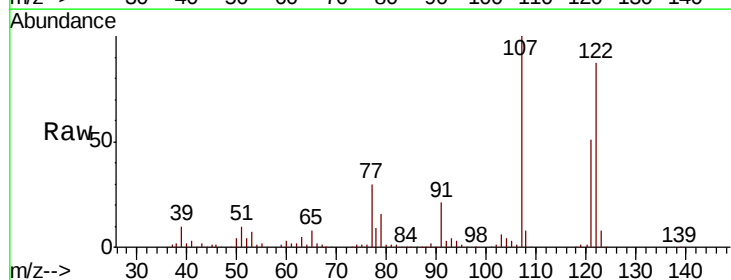


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

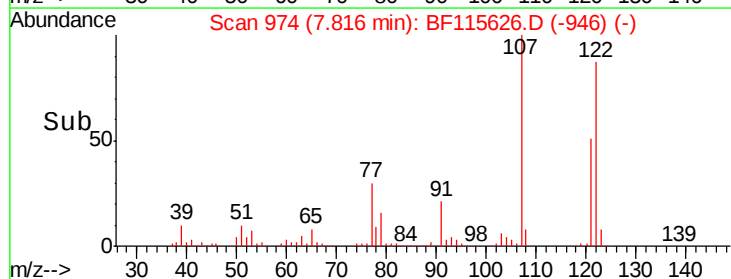
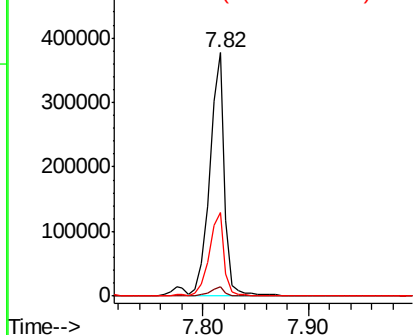


#32
Benzoic acid
Concen: 47.678 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.14 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:122 Resp: 367792
Ion Ratio Lower Upper
122 100
105 3.8 102.5 142.5#
77 34.4 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

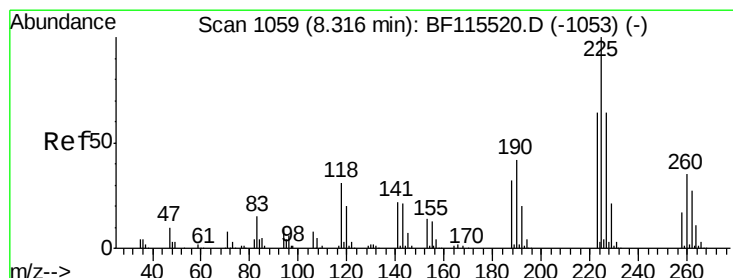
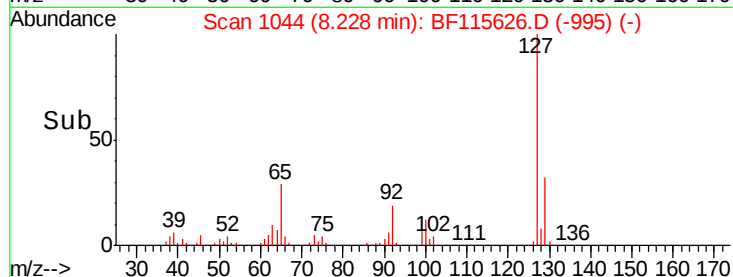
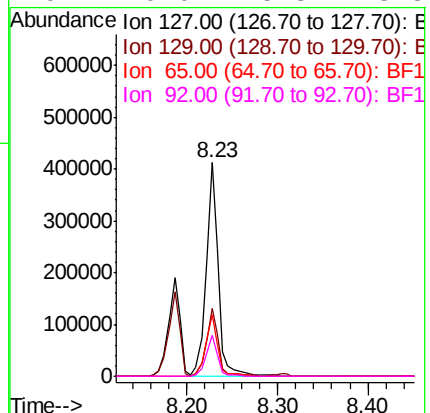
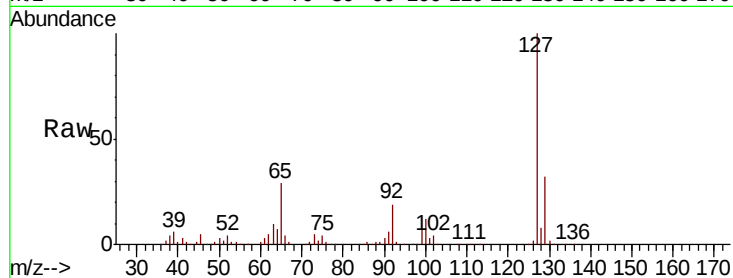




#33
4-Chloroaniline
Concen: 27.575 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

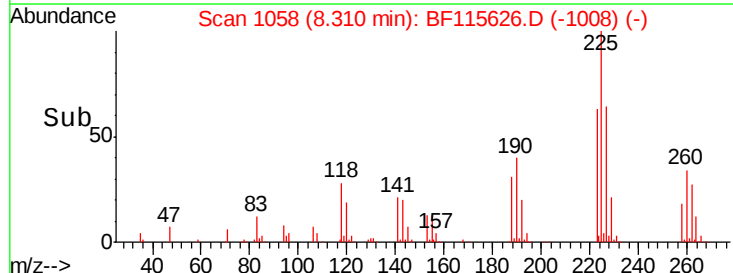
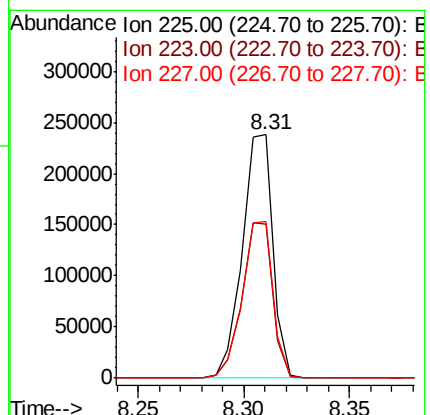
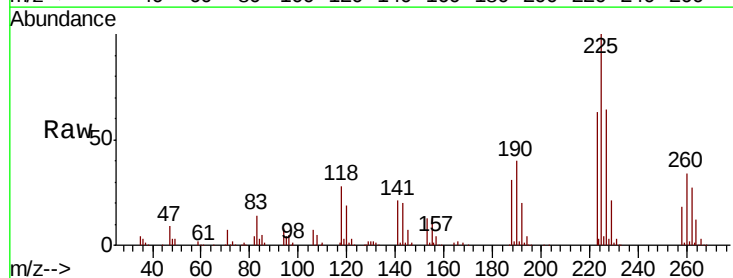
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

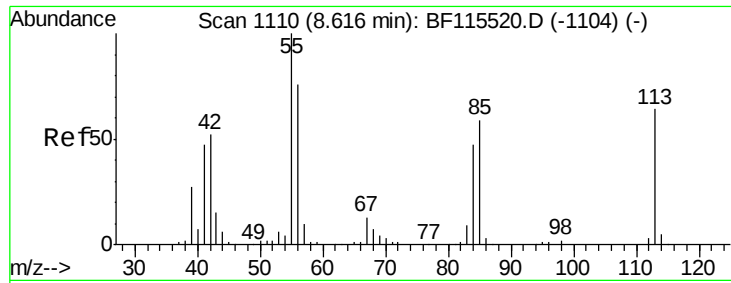
Tgt Ion:	127	Resp:	389224
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	39.8
65	28.8	23.7	35.5
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.640 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:	225	Resp:	238518
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	64.2	50.7	76.1

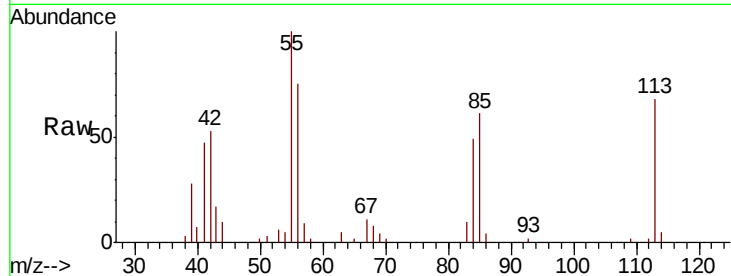




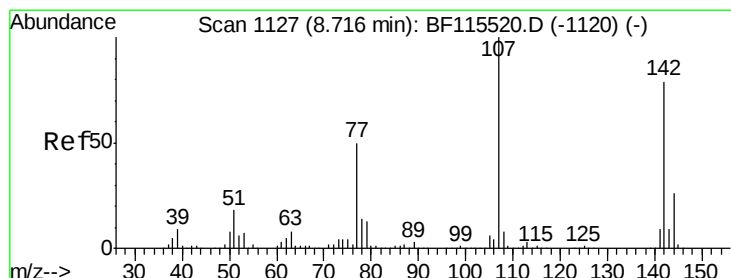
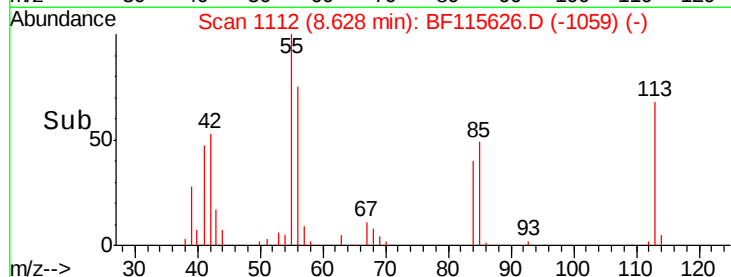
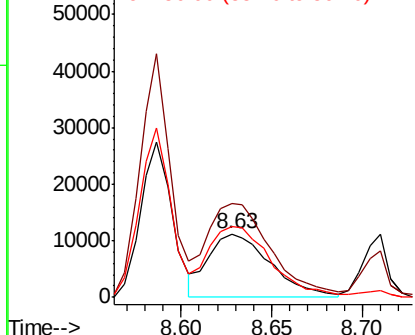
#35
 Caprolactam
 Concen: 8.887 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion:113 Resp: 26847
 Ion Ratio Lower Upper
 113 100
 55 147.3 126.9 166.9
 56 110.5 90.3 130.3

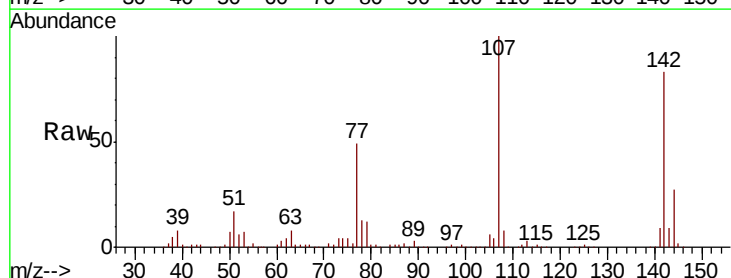


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

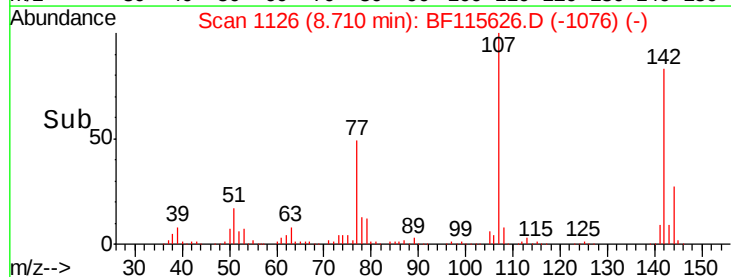
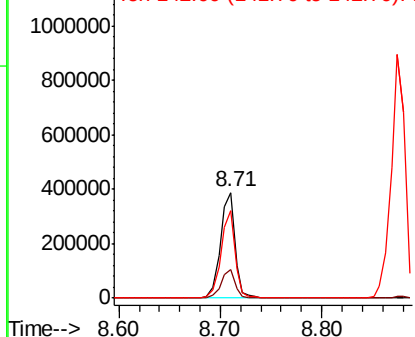


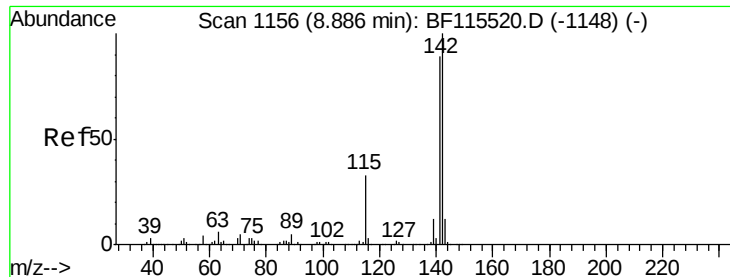
#36
 4-Chloro-3-methylphenol
 Concen: 38.223 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion:107 Resp: 387603
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.6 30.8
 142 82.6 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

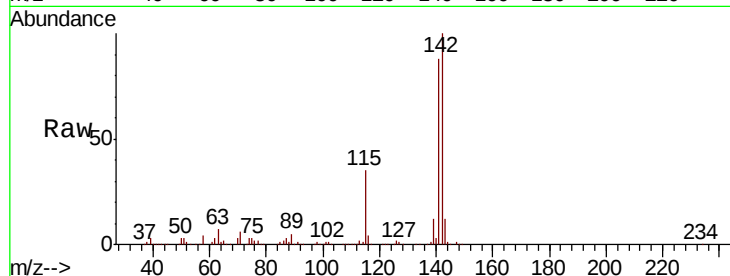




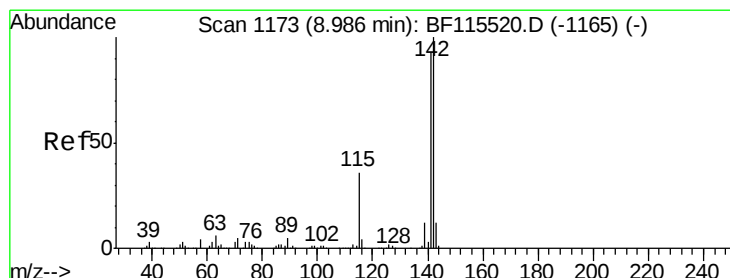
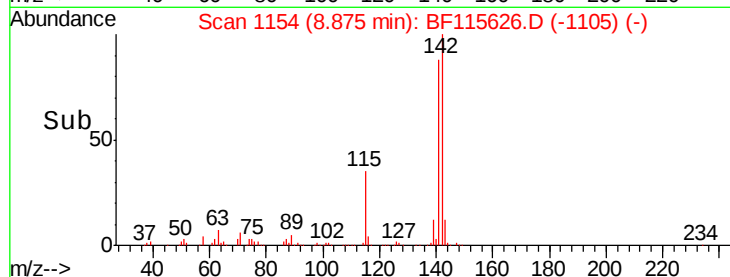
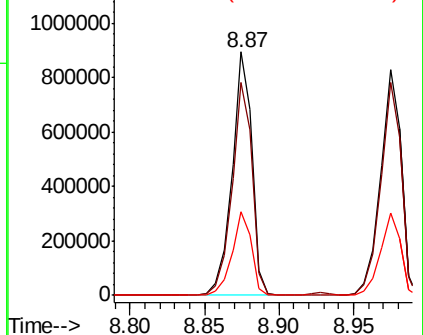
#37
 2-Methylnaphthalene
 Concen: 39.642 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion:142 Resp: 837367
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.0 108.0
 115 34.6 29.9 44.9

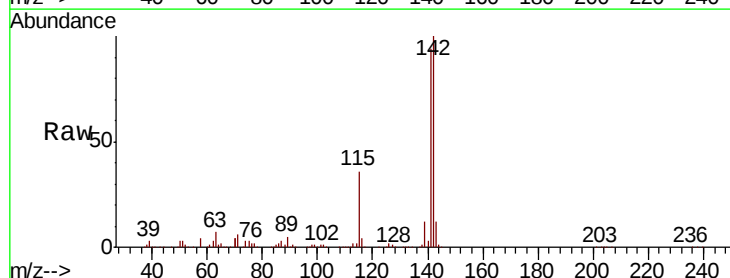


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

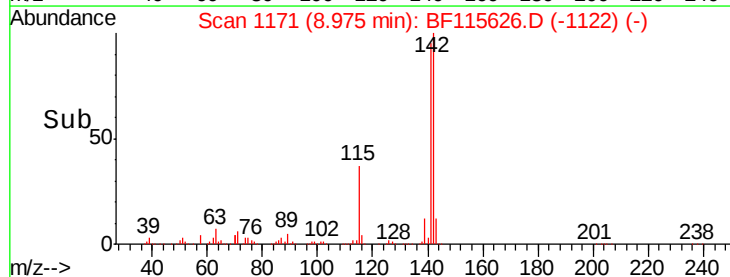
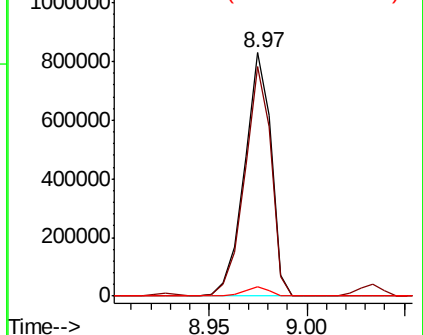


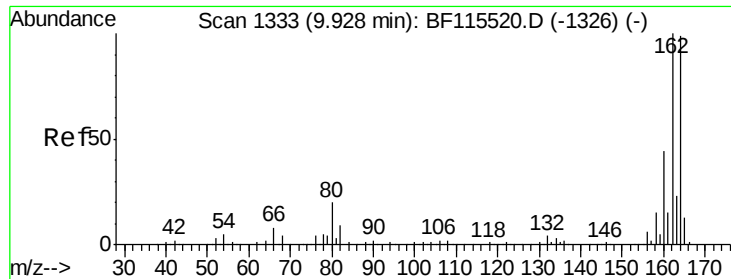
#38
 1-Methylnaphthalene
 Concen: 38.997 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion:142 Resp: 782436
 Ion Ratio Lower Upper
 142 100
 141 94.2 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

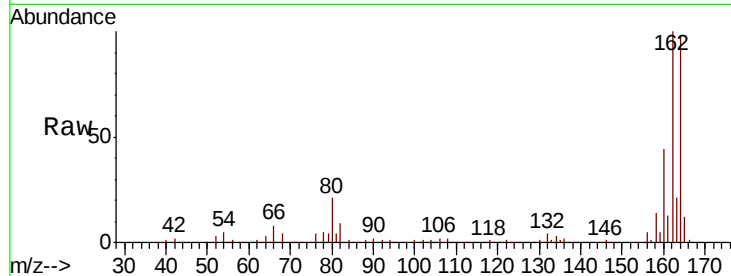




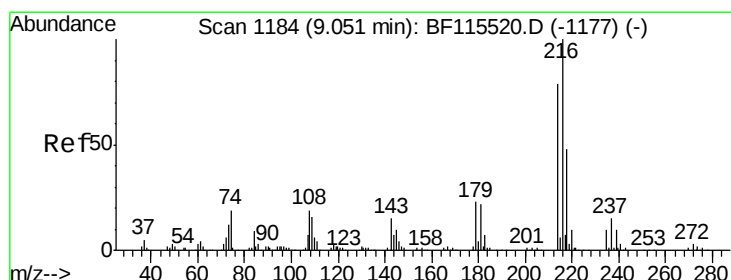
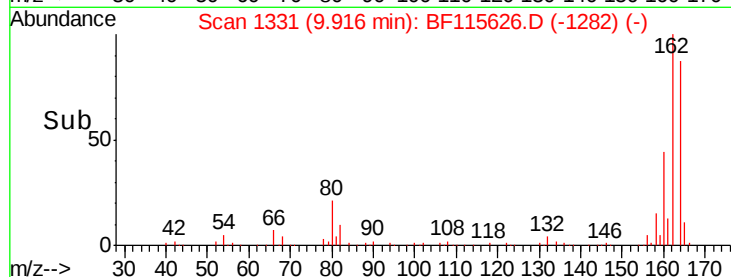
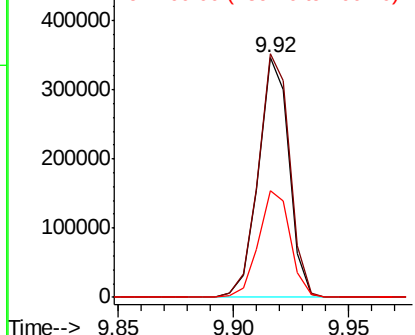
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:164 Resp: 320139
Ion Ratio Lower Upper
164 100
162 101.8 82.9 124.3
160 44.7 36.8 55.2

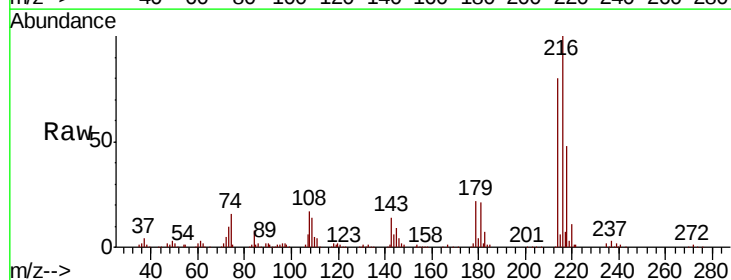


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

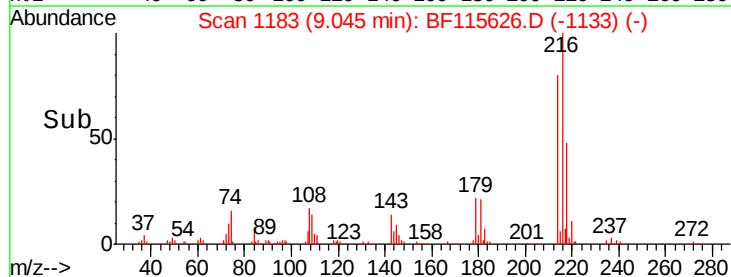
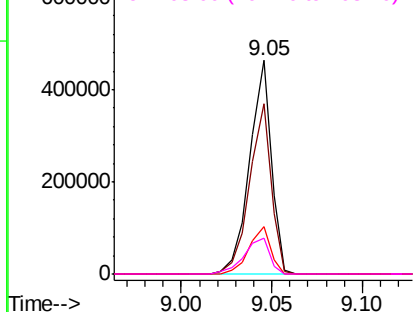


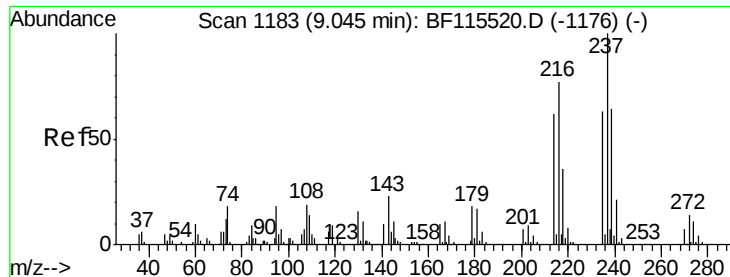
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.049 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:216 Resp: 386092
Ion Ratio Lower Upper
216 100
214 79.7 65.1 97.7
179 22.2 18.3 27.5
108 19.8 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: 53.475 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

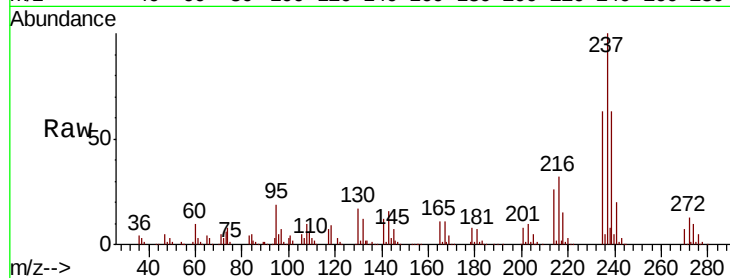
Tgt Ion: 237 Resp: 294076

Ion Ratio Lower Upper

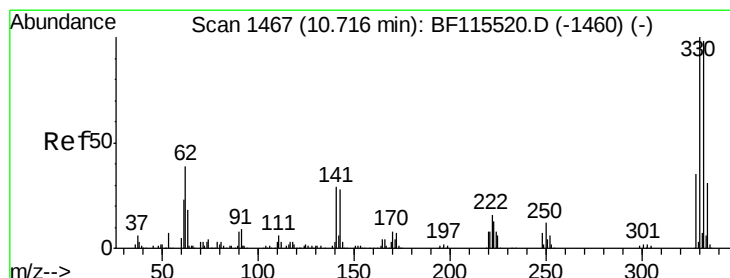
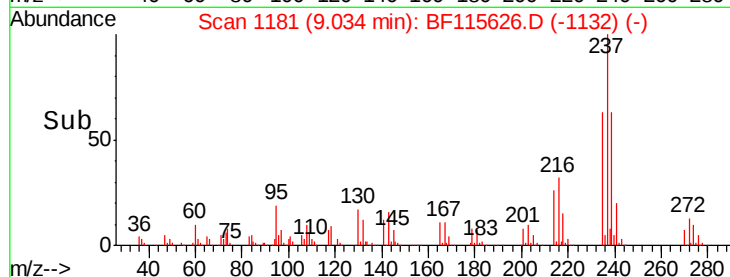
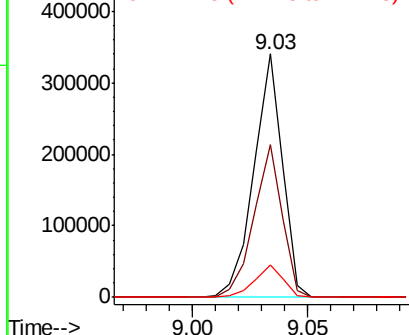
237 100

235 62.6 43.6 83.6

272 13.1 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: 93.165 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

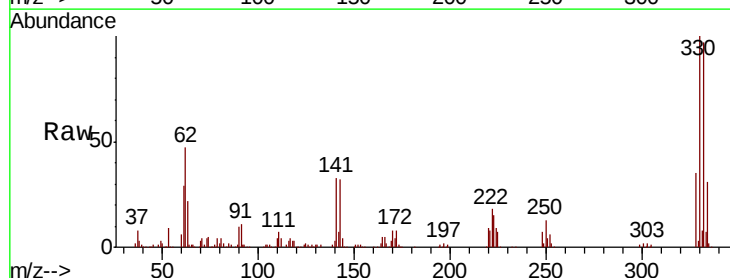
Tgt Ion: 330 Resp: 348137

Ion Ratio Lower Upper

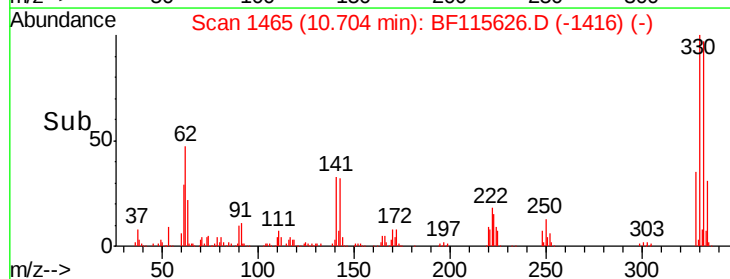
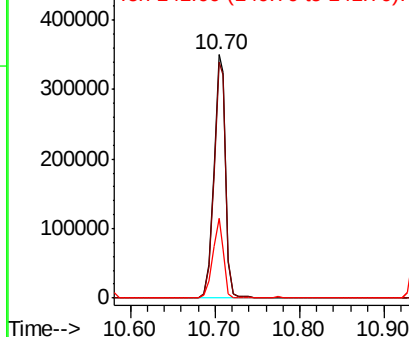
330 100

332 97.4 77.4 116.2

141 30.5 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

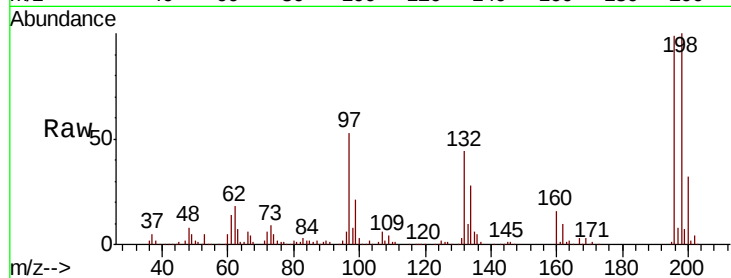




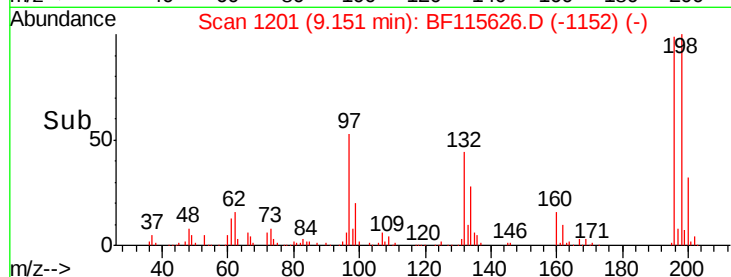
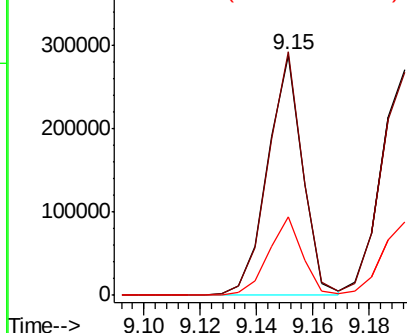
#43
 2,4,6-Trichlorophenol
 Concen: 35.294 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion:196 Resp: 248823
 Ion Ratio Lower Upper
 196 100
 198 101.3 80.6 121.0
 200 32.4 25.8 38.6



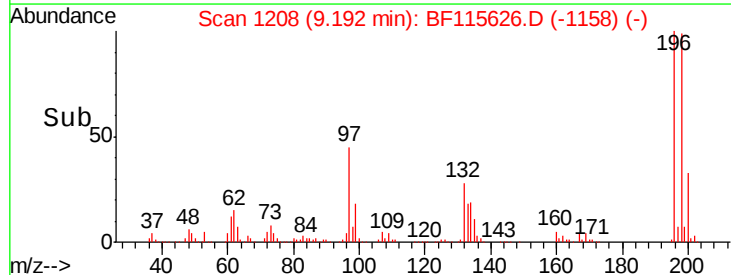
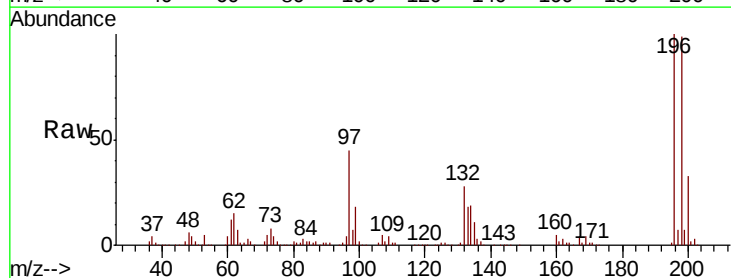
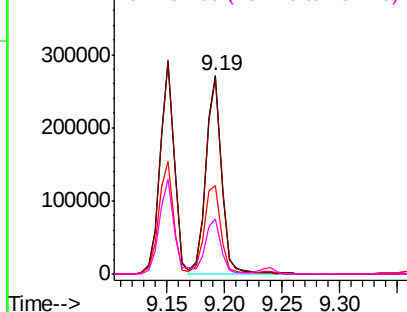
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

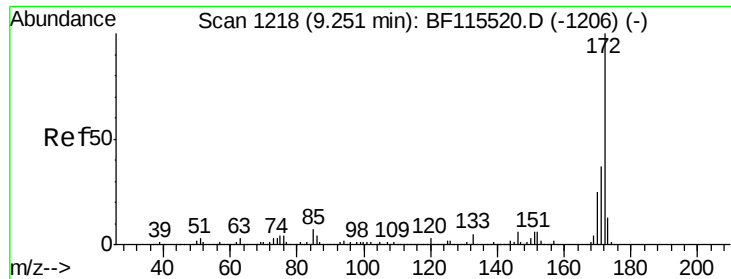


#44
 2,4,5-Trichlorophenol
 Concen: 35.638 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion:196 Resp: 257307
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.6 119.4
 97 44.9 37.8 56.6
 132 27.5 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

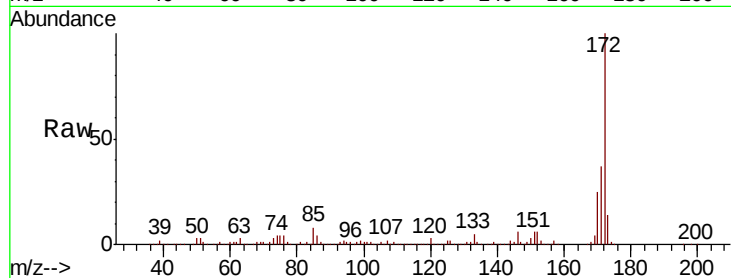




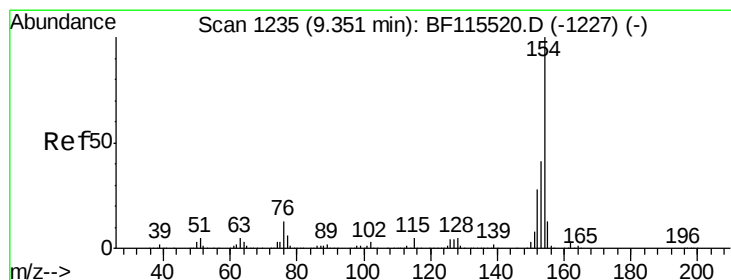
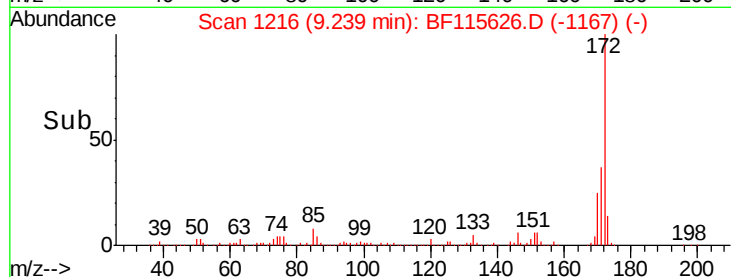
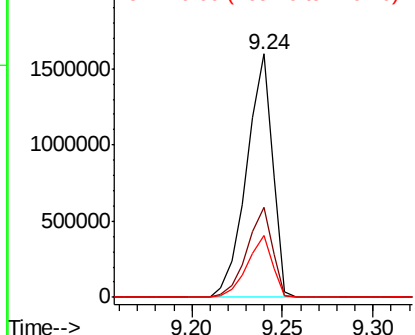
#45
2-Fluorobiphenyl
Concen: 87.112 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:172 Resp: 1593336
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.2 20.5 30.7

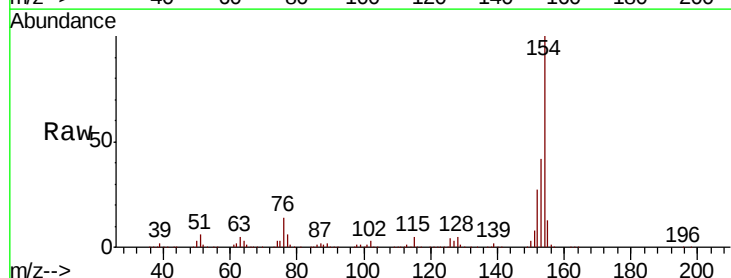


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

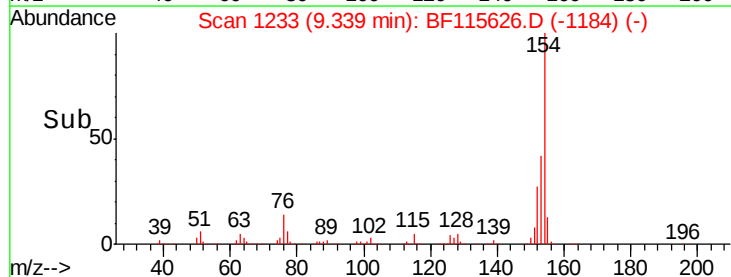
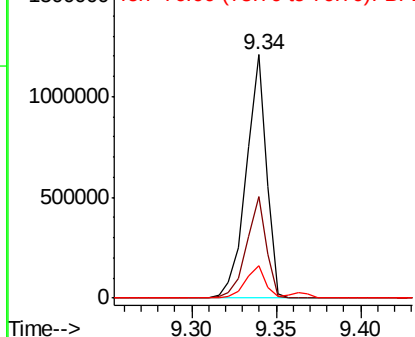


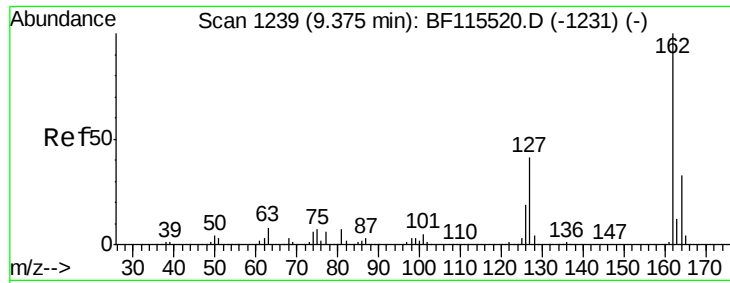
#46
1,1'-Biphenyl
Concen: 40.653 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:154 Resp: 1017479
Ion Ratio Lower Upper
154 100
153 41.7 22.6 62.6
76 13.5 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

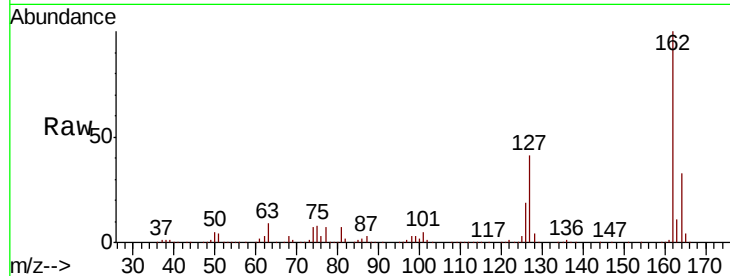




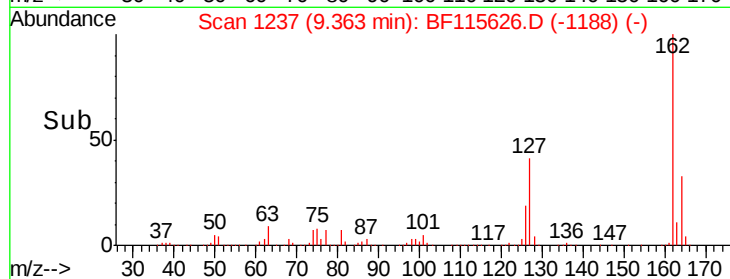
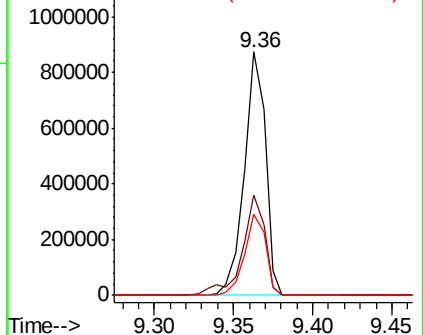
#47
 2-Chloronaphthalene
 Concen: 38.690 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion: 162 Resp: 806299
 Ion Ratio Lower Upper
 162 100
 127 41.3 34.1 51.1
 164 33.4 27.4 41.2

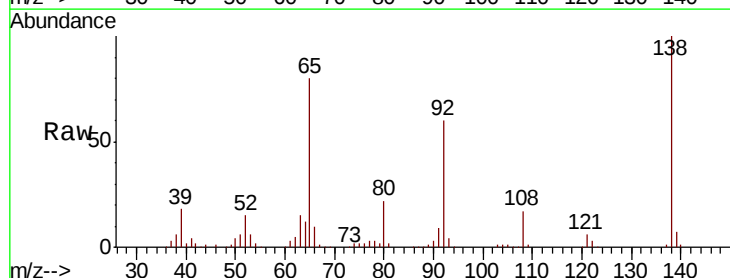


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

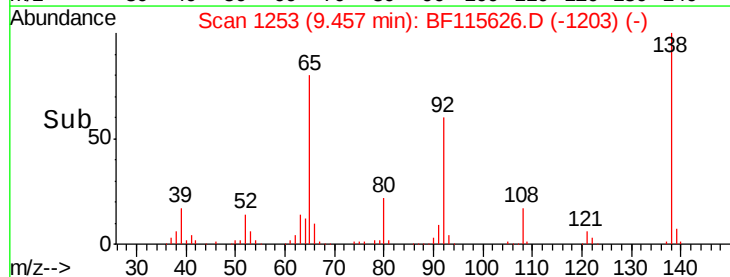
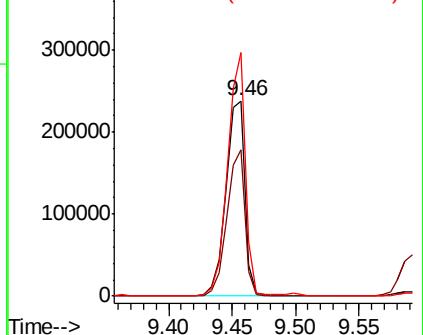


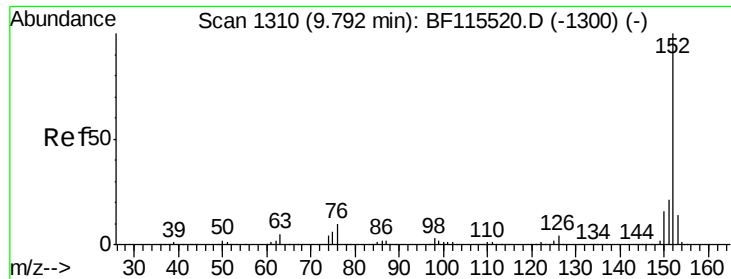
#48
 2-Nitroaniline
 Concen: 38.061 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion: 65 Resp: 245498
 Ion Ratio Lower Upper
 65 100
 92 74.8 57.8 86.6
 138 124.5 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: 39.175 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

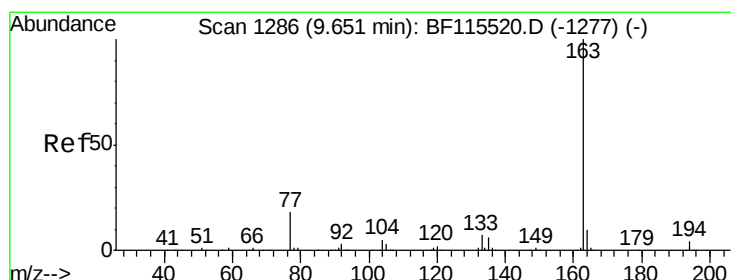
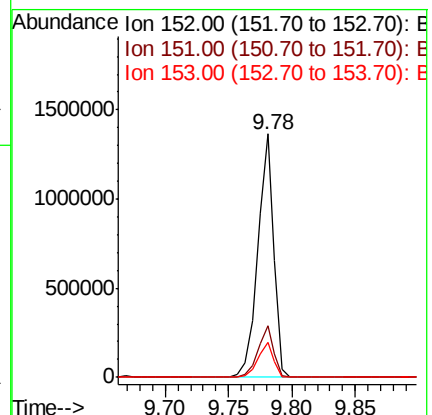
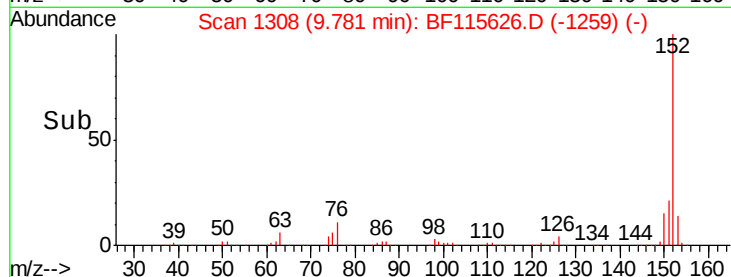
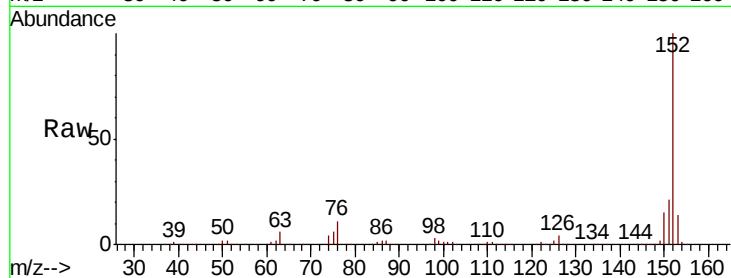
Tgt Ion:152 Resp: 1209706

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

153 14.4 12.0 18.0



#50

Dimethylphthalate

Concen: 49.564 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

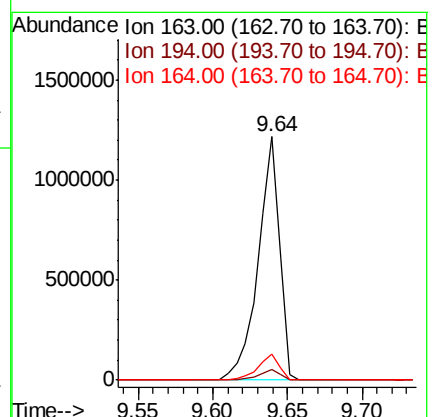
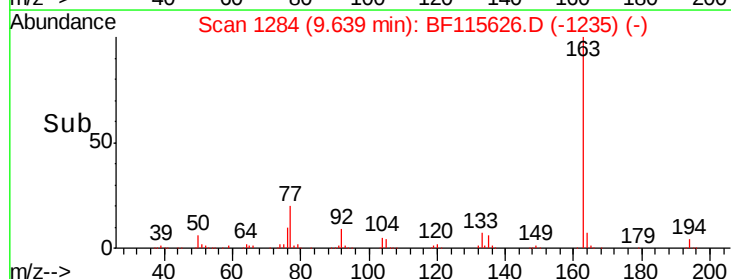
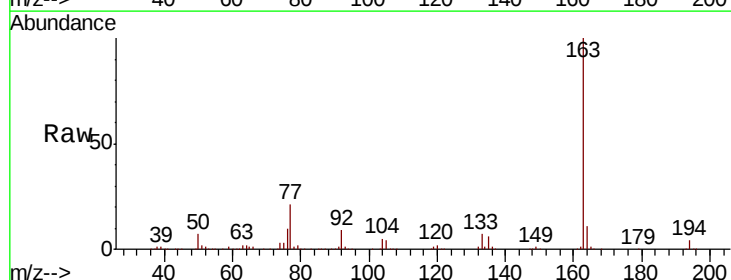
Tgt Ion:163 Resp: 1193816

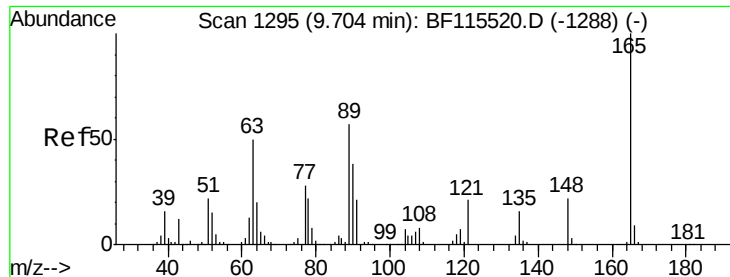
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.7 8.7 13.1

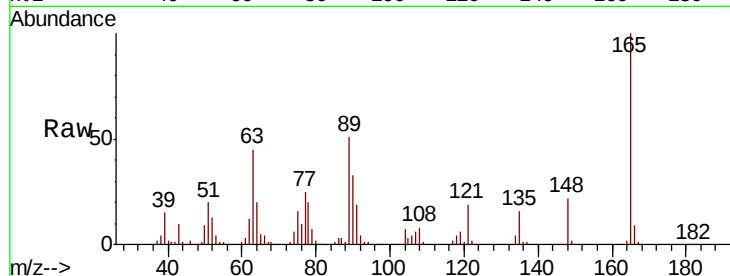




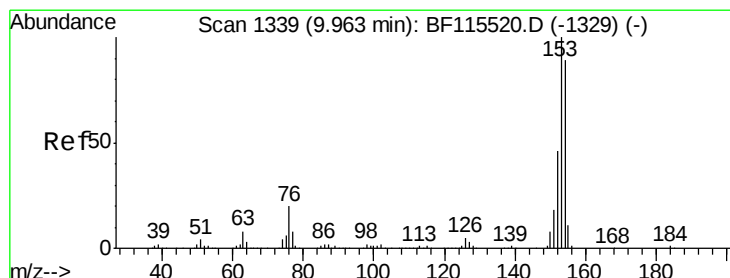
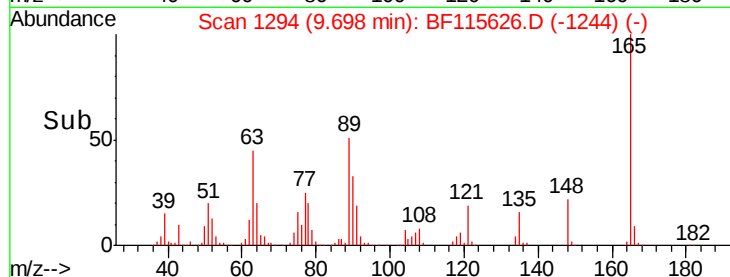
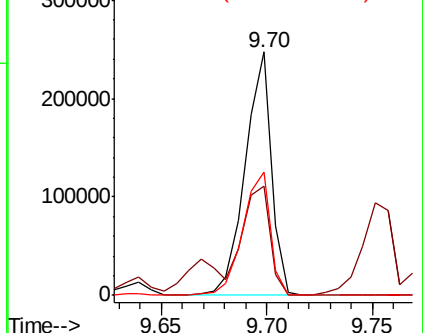
#51
2,6-Dinitrotoluene
Concen: 39.004 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:165 Resp: 213500
Ion Ratio Lower Upper
165 100
63 45.0 40.6 61.0
89 50.6 43.9 65.9

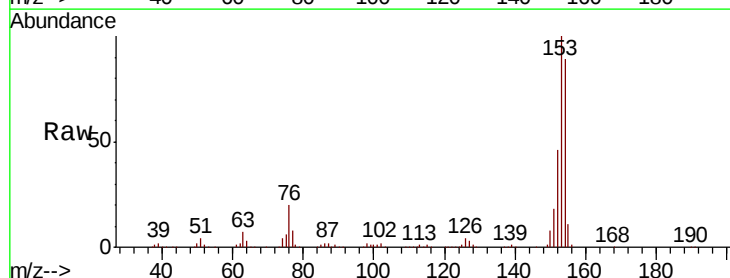


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

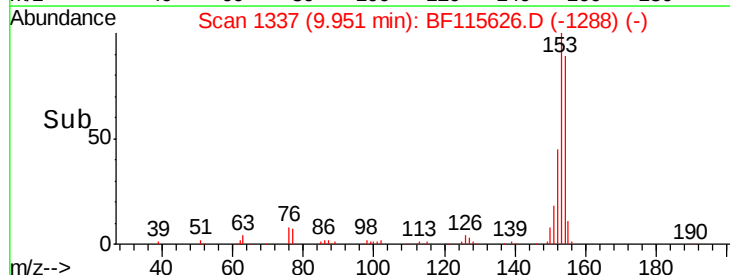
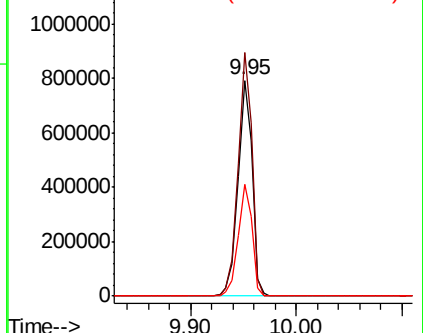


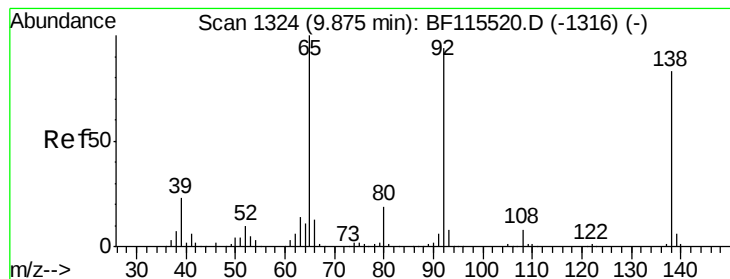
#52
Acenaphthene
Concen: 36.073 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:154 Resp: 719168
Ion Ratio Lower Upper
154 100
153 112.7 88.6 133.0
152 51.7 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: 32.607 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

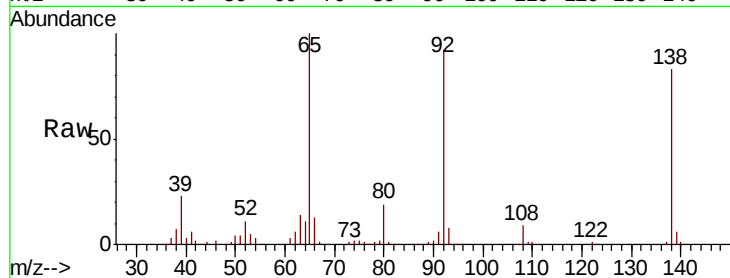
Tgt Ion:138 Resp: 203963

Ion Ratio Lower Upper

138 100

108 10.5 8.4 12.6

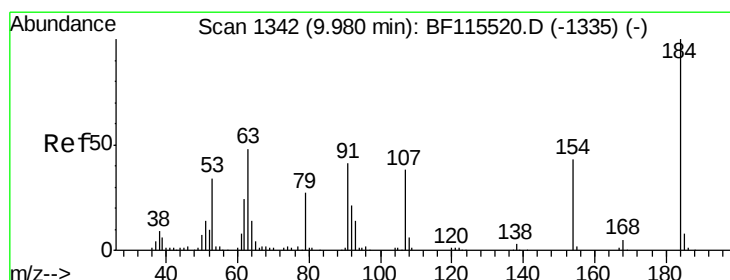
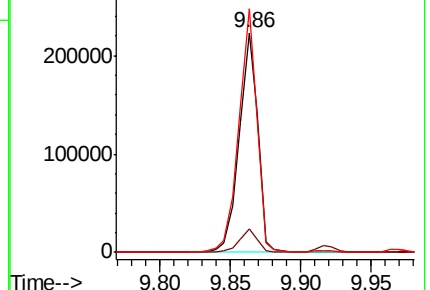
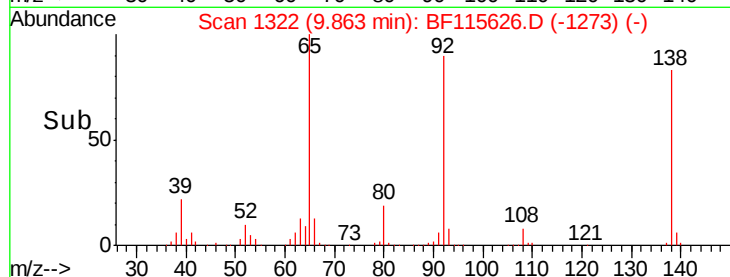
92 110.8 88.0 132.0



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: 4.604 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

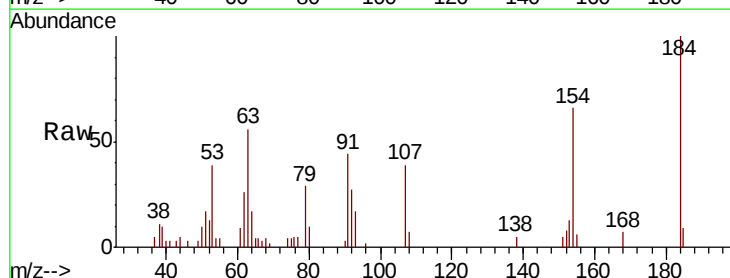
Tgt Ion:184 Resp: 12939

Ion Ratio Lower Upper

184 100

63 55.8 48.7 73.1

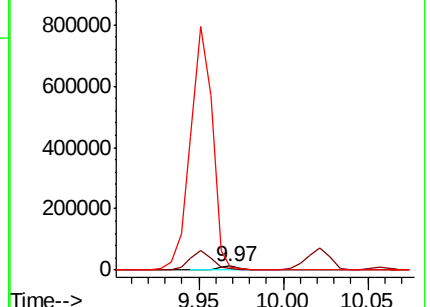
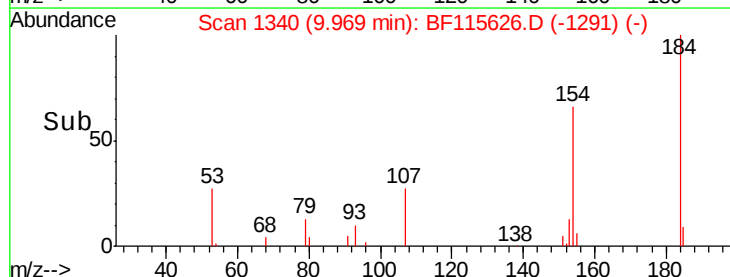
154 66.4 48.6 73.0

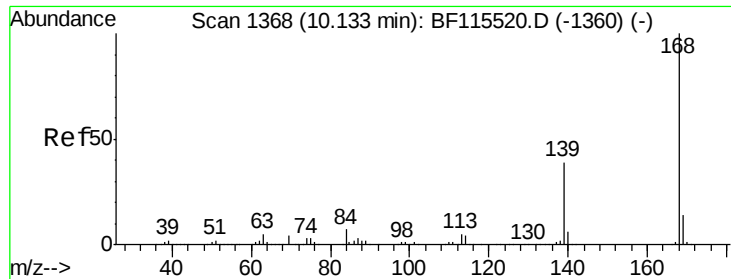


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

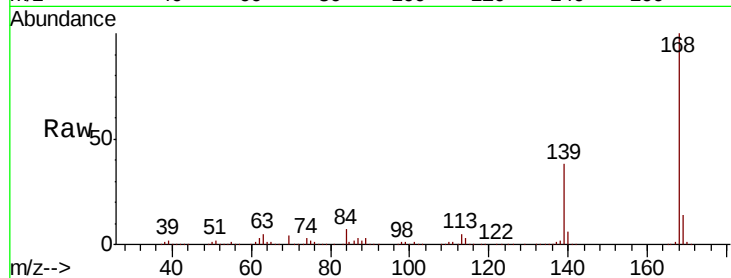




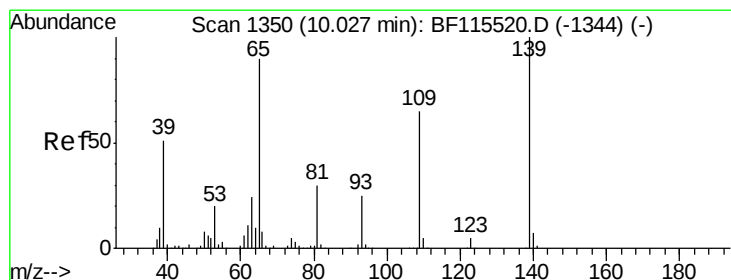
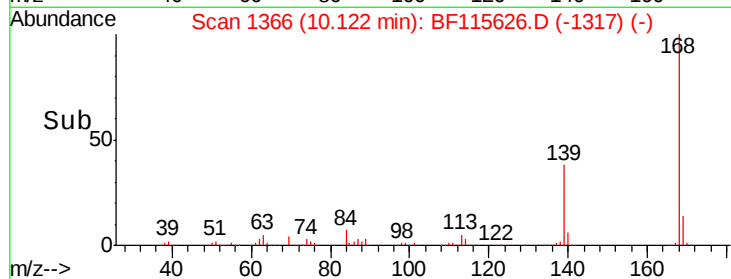
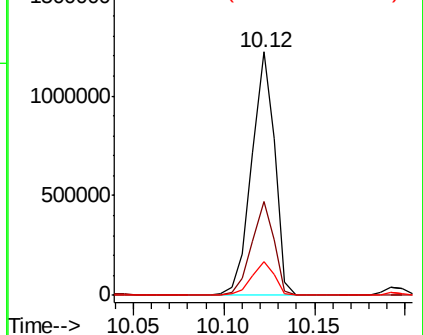
#55
Dibenzenofuran
Concen: 38.003 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:168 Resp: 1075945
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 13.9 11.1 16.7

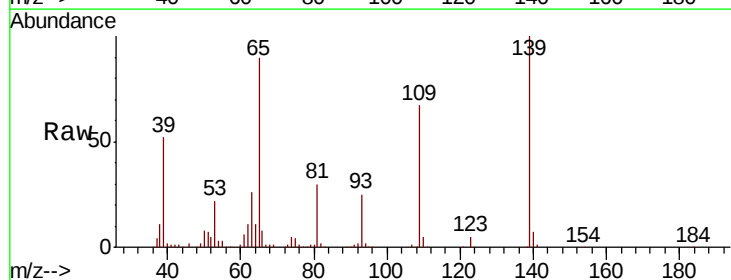


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

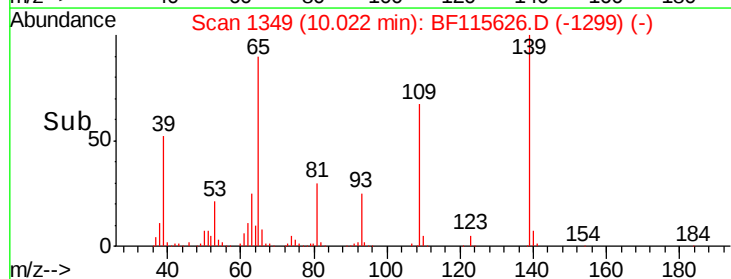
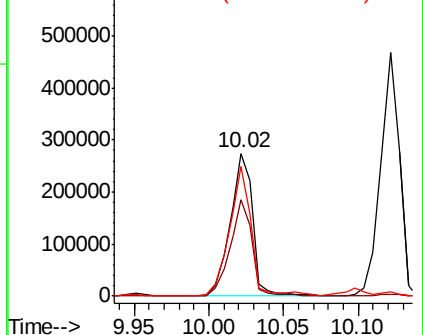


#56
4-Nitrophenol
Concen: 61.243 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:139 Resp: 292125
Ion Ratio Lower Upper
139 100
109 67.4 46.4 86.4
65 90.3 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

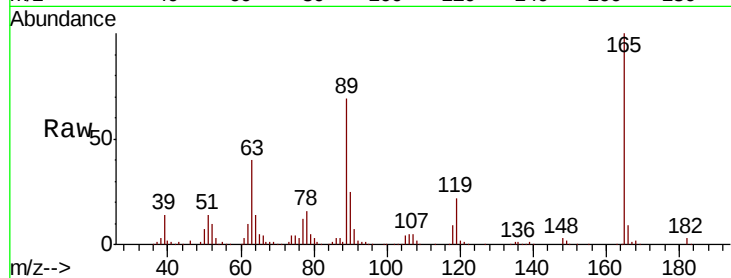




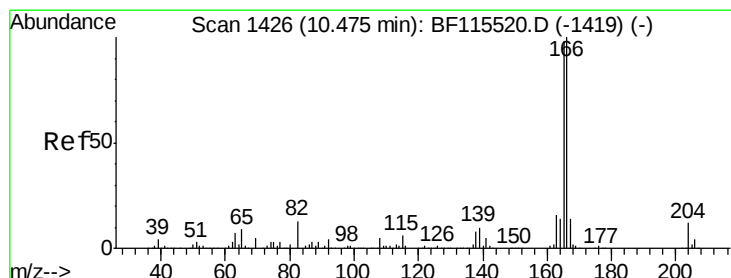
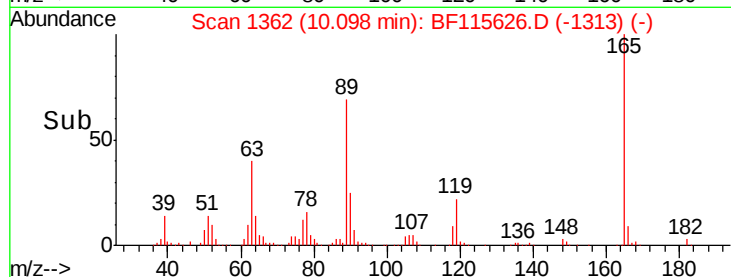
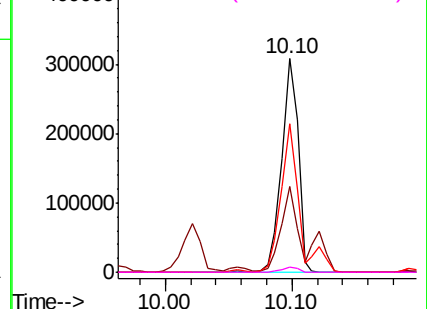
#57
2,4-Dinitrotoluene
Concen: 38.921 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	34.9	52.3
89	69.3	57.5	86.3
182	2.7	2.2	3.4

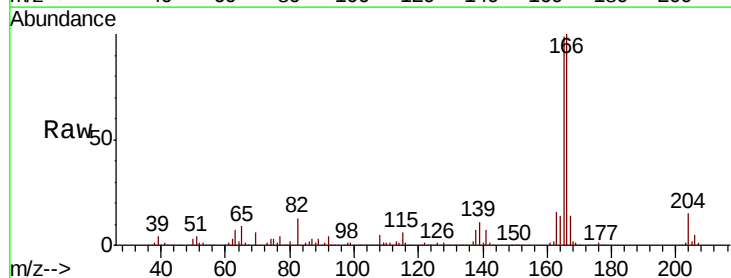


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

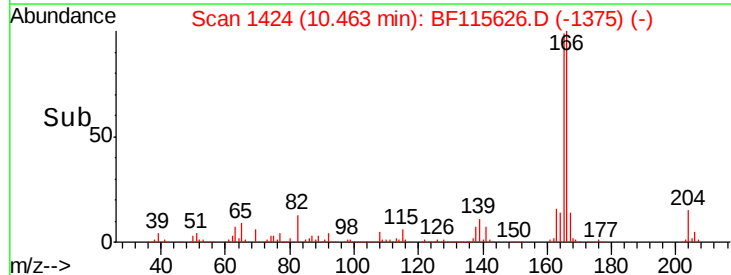
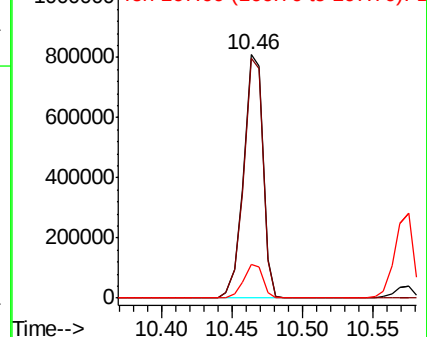


#58
Fluorene
Concen: 38.226 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.6
167	13.9	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

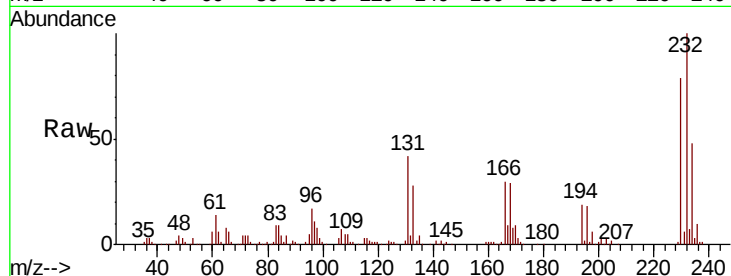




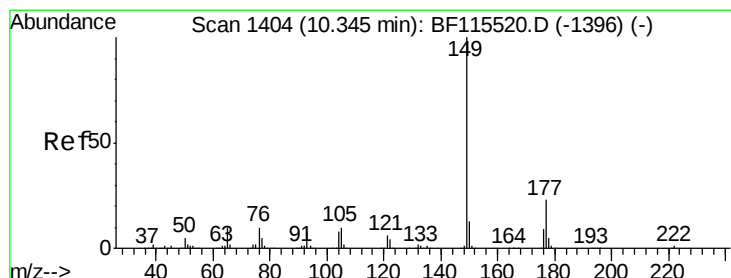
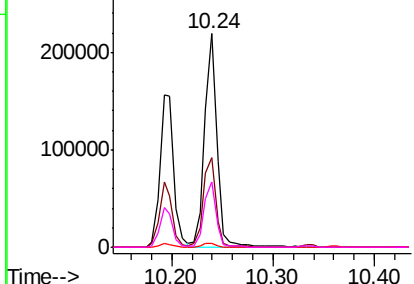
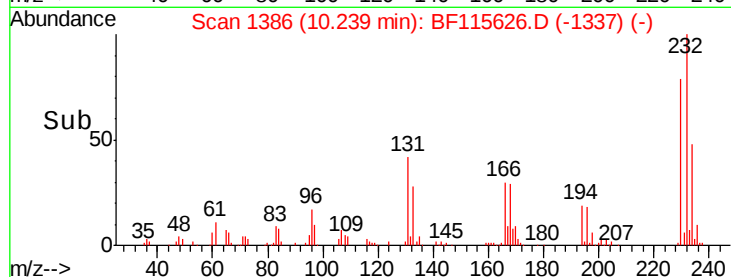
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.921 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:232 Resp: 186622
Ion Ratio Lower Upper
232 100
131 42.5 35.9 53.9
130 2.0 1.8 2.6
166 30.4 24.8 37.2

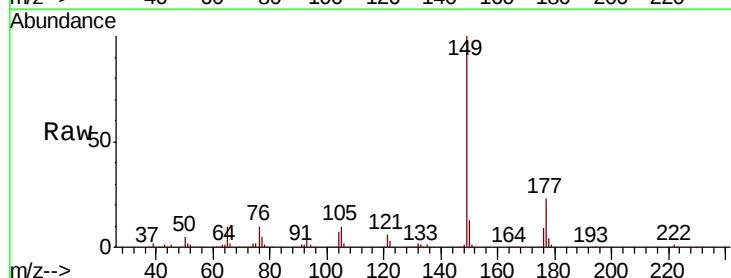


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

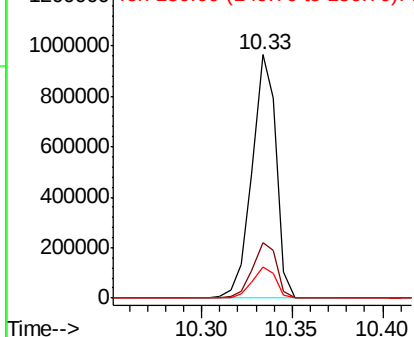
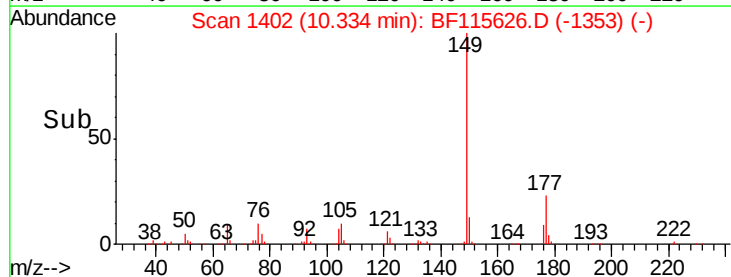


#60
Diethylphthalate
Concen: 39.534 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:149 Resp: 892202
Ion Ratio Lower Upper
149 100
177 22.6 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

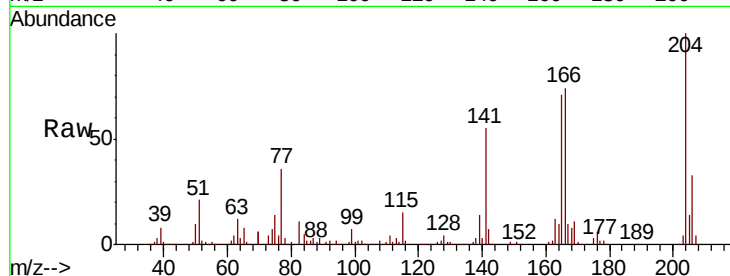




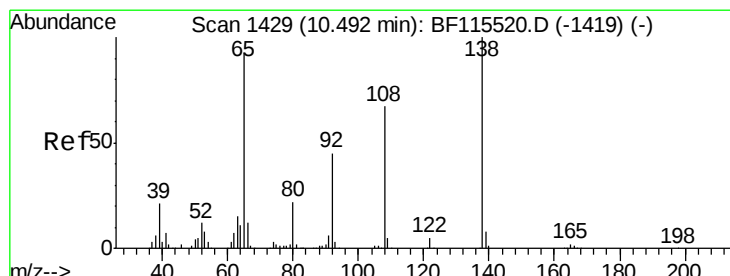
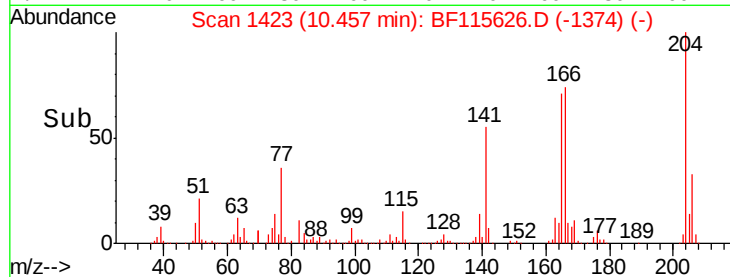
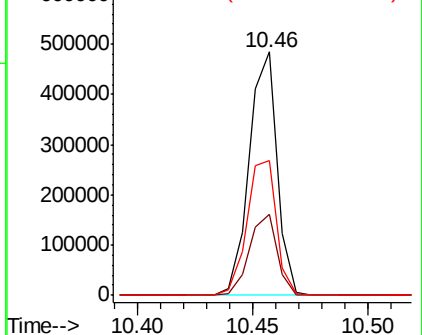
#61
 4-Chlorophenyl-phenylether
 Concen: 36.683 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion: 204 Resp: 411736
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 55.2 44.2 66.2

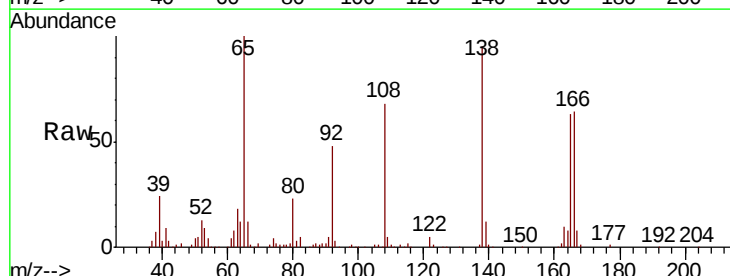


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

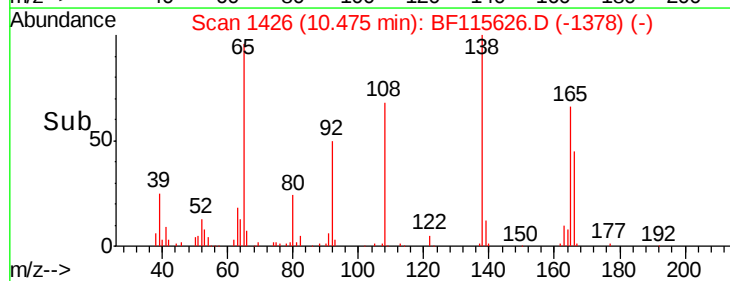
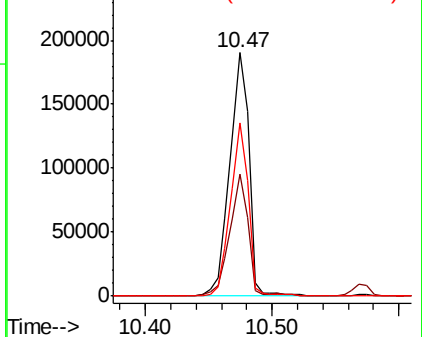


#62
 4-Nitroaniline
 Concen: 33.192 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion: 138 Resp: 199152
 Ion Ratio Lower Upper
 138 100
 92 49.9 27.1 67.1
 108 71.1 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

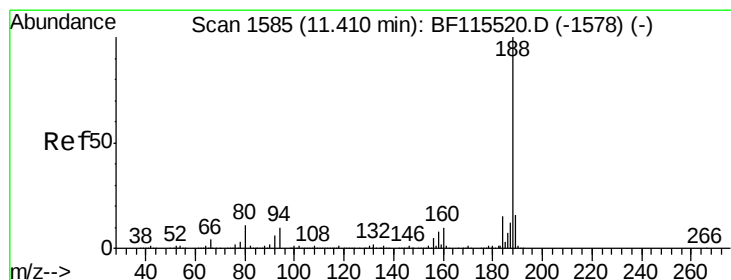
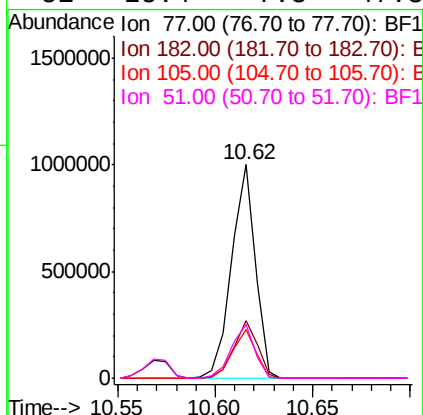
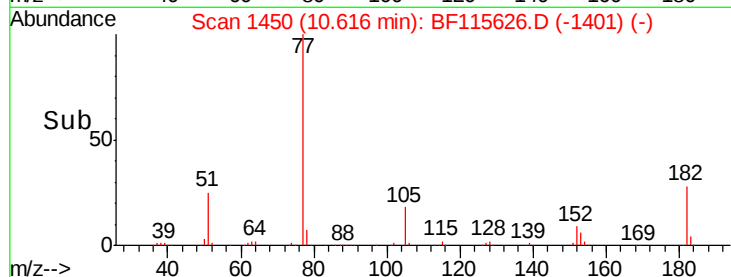
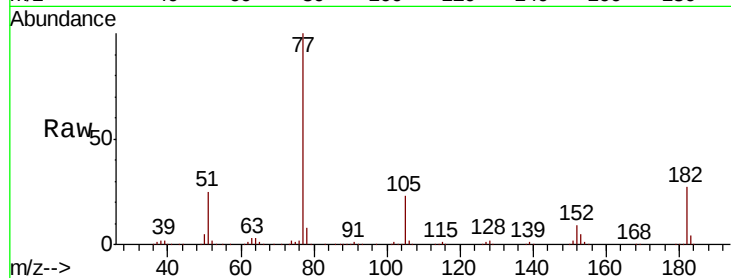




#63
Azobenzene
Concen: 38.593 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

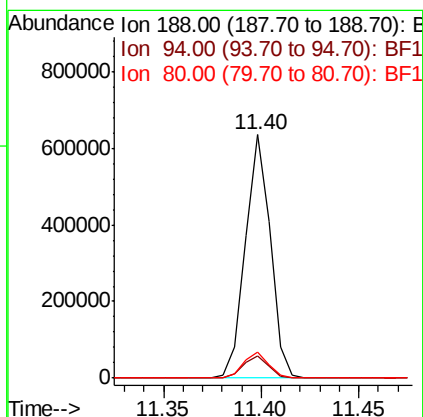
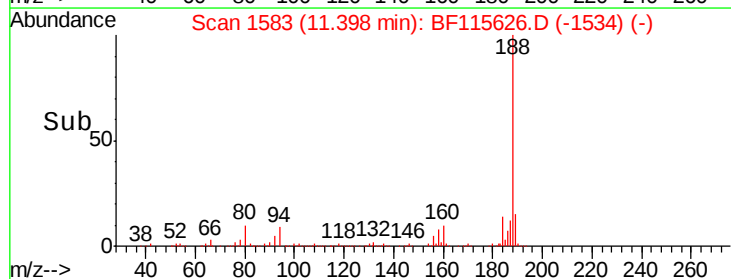
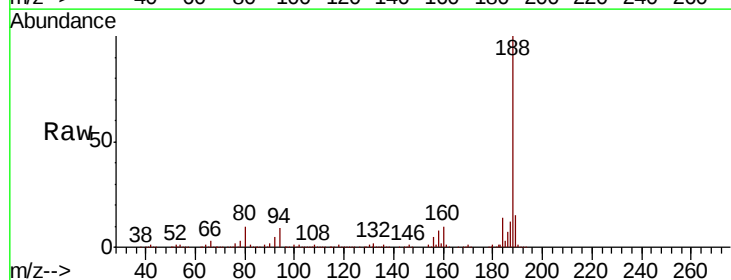
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

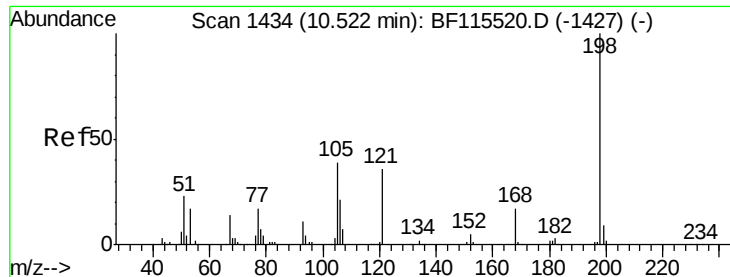
Tgt Ion: 77 Resp: 844789
Ion Ratio Lower Upper
77 100
182 27.3 6.9 46.9
105 22.8 3.9 43.9
51 25.4 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion: 188 Resp: 563917
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.5 8.6 13.0

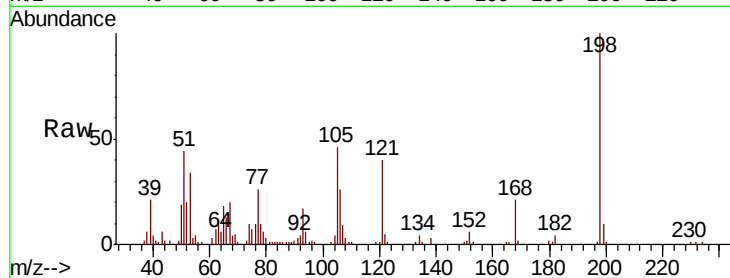




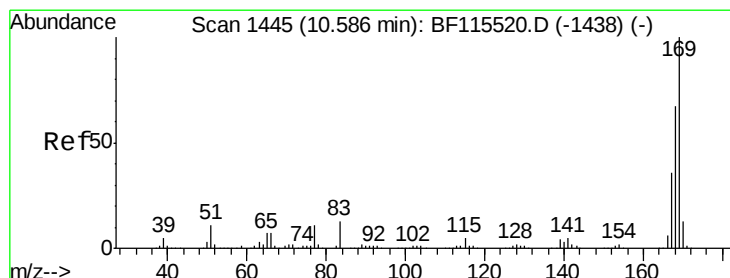
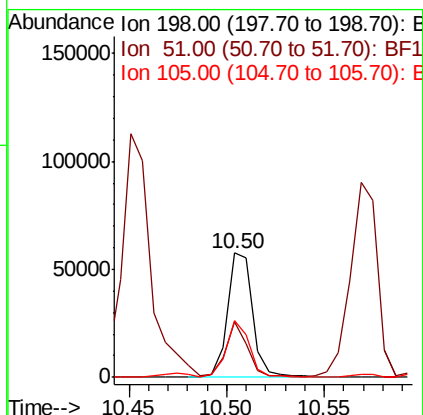
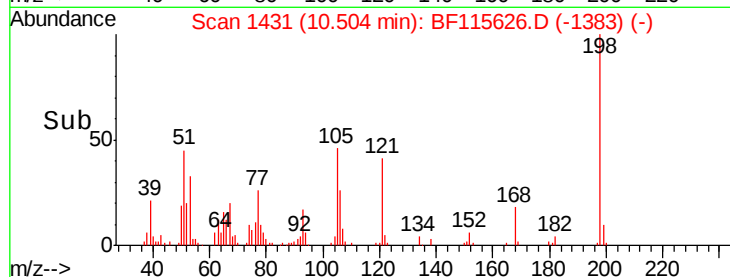
#65
4,6-Dinitro-2-methylphenol
Concen: 14.945 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion:198 Resp: 51489
Ion Ratio Lower Upper
198 100
51 44.2 19.1 59.1
105 45.8 23.6 63.6

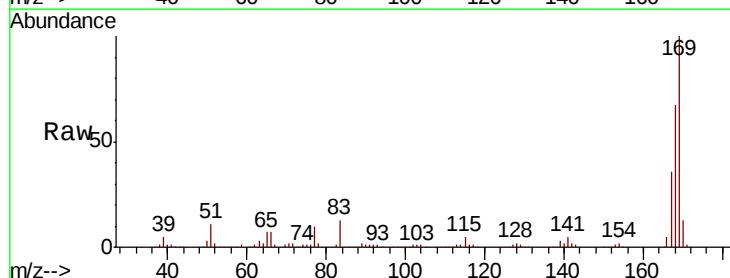


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

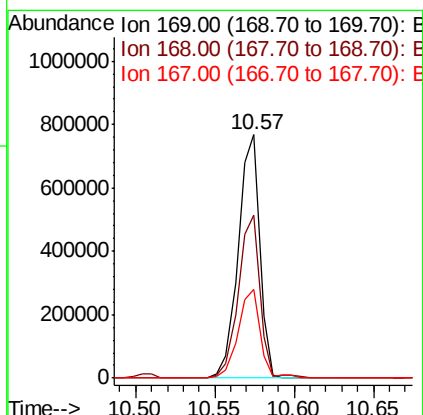
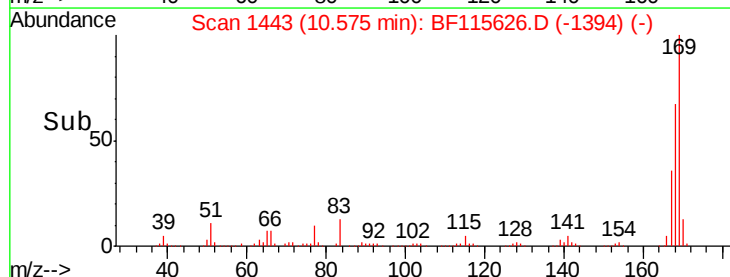


#66
n-Nitrosodiphenylamine
Concen: 41.121 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:169 Resp: 721324
Ion Ratio Lower Upper
169 100
168 67.0 54.3 81.5
167 36.5 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

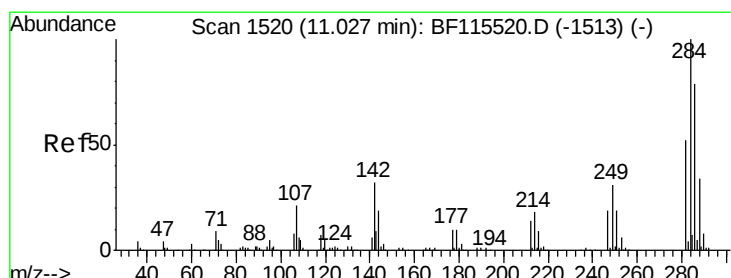
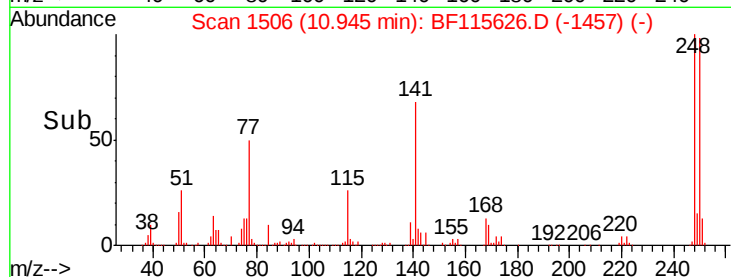
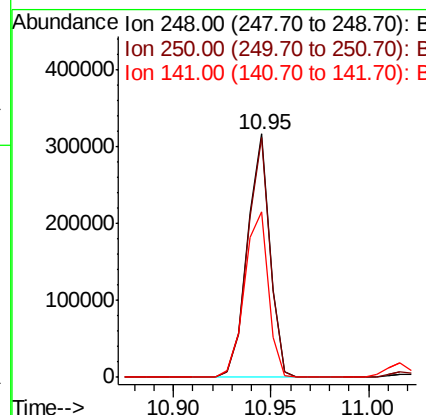
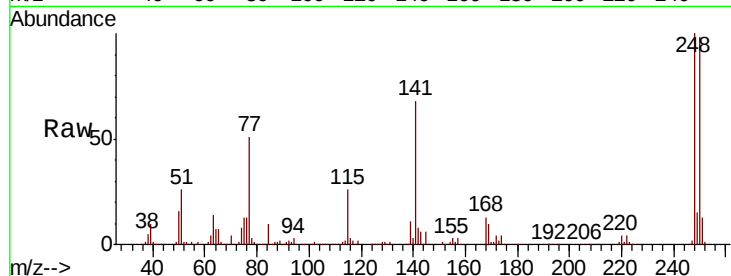




#67
 4-Bromophenyl-phenylether
 Concen: 39.339 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

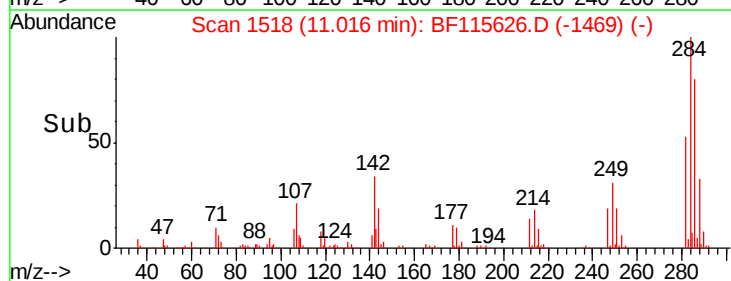
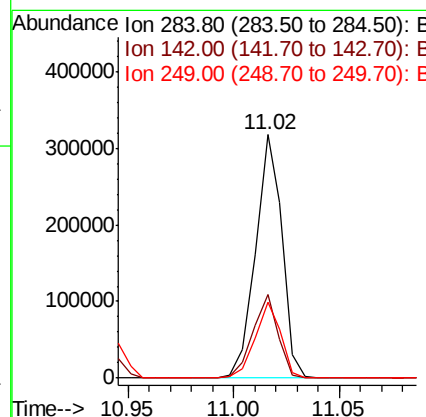
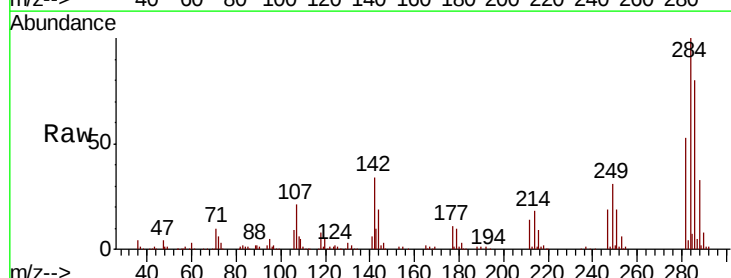
Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

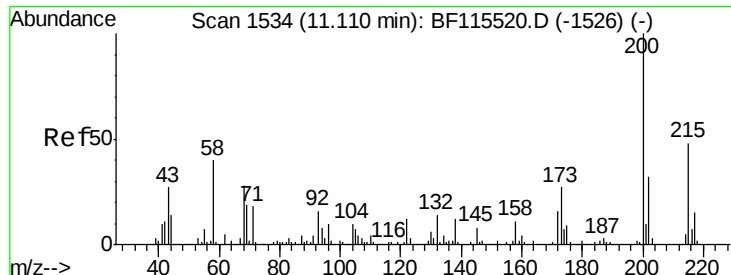
Tgt Ion:248 Resp: 253507
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.0 117.0
 141 67.9 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 37.515 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion:284 Resp: 276086
 Ion Ratio Lower Upper
 284 100
 142 34.3 22.2 33.2#
 249 31.0 23.4 35.2

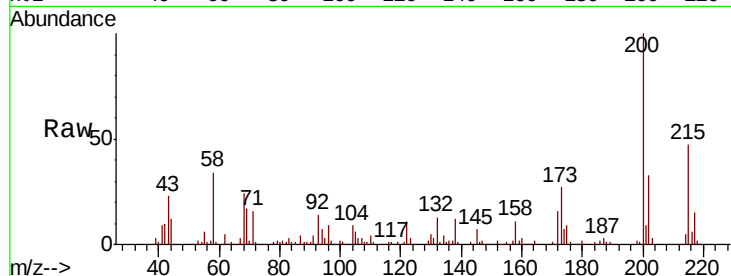




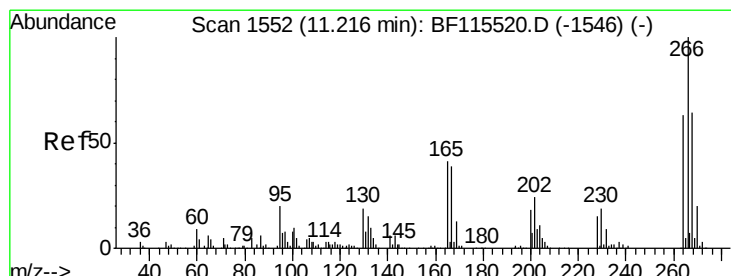
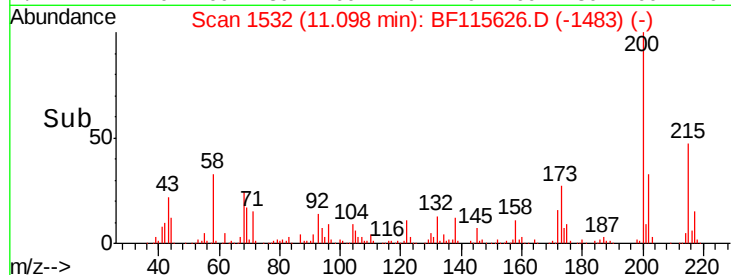
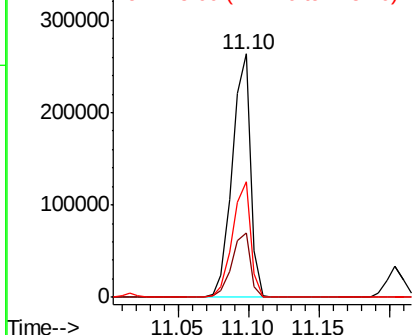
#69
 Atrazine
 Concen: 41.302 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tgt Ion:200 Resp: 237673
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.9 46.9
 215 47.3 27.9 67.9

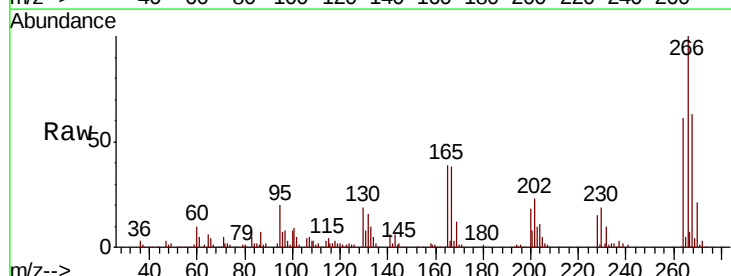


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

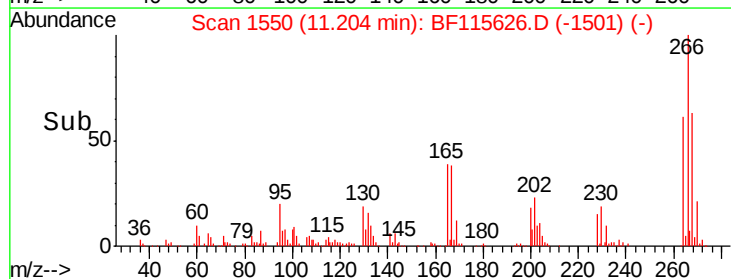
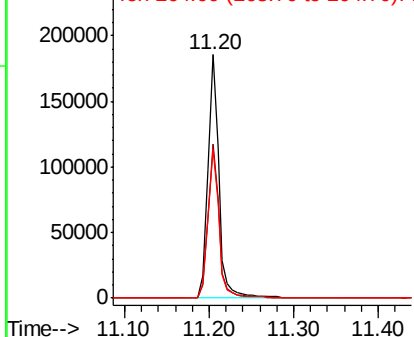


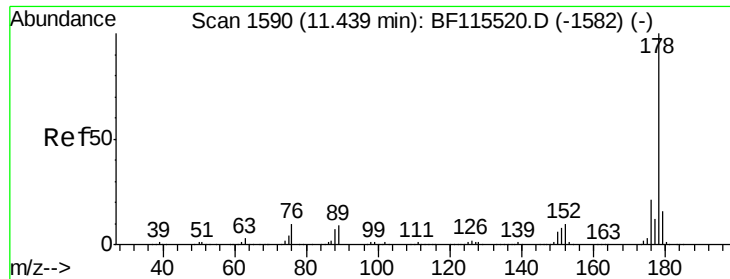
#70
 Pentachlorophenol
 Concen: 38.125 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion:266 Resp: 171606
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.6 77.4
 264 61.4 50.6 76.0



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

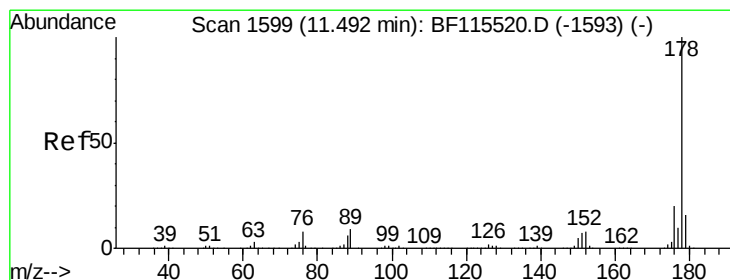
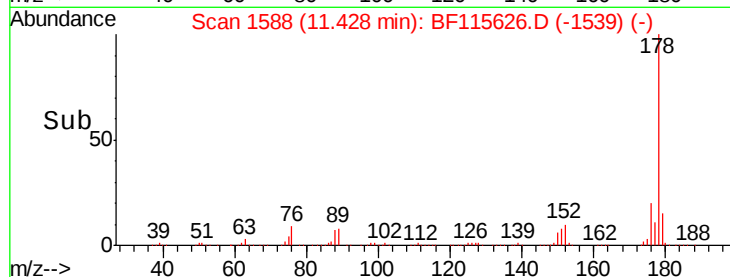
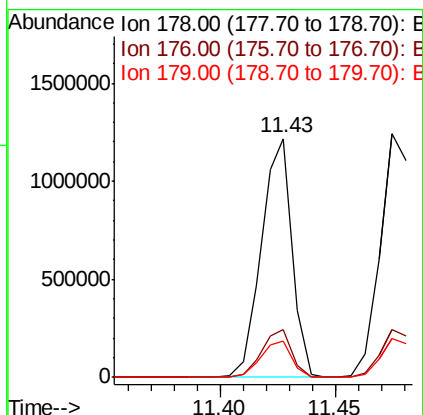
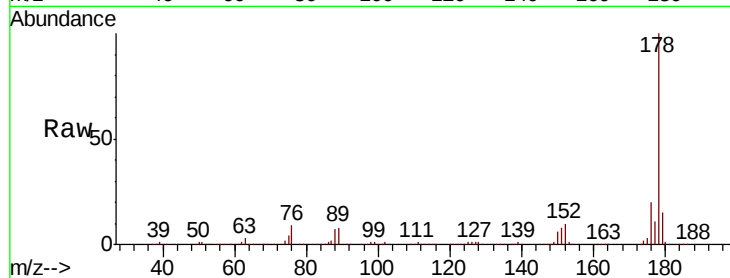




#71
Phenanthrene
Concen: 39.055 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

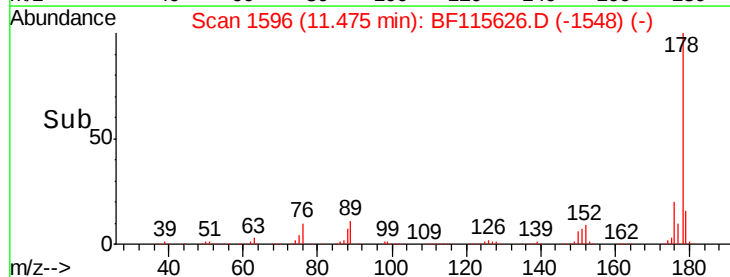
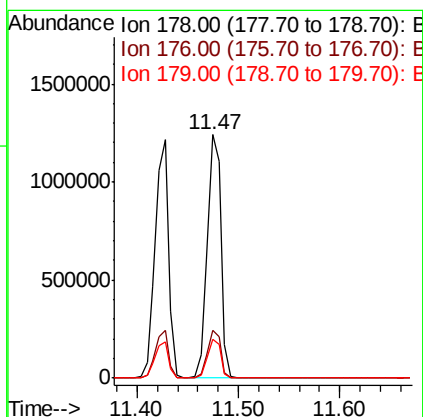
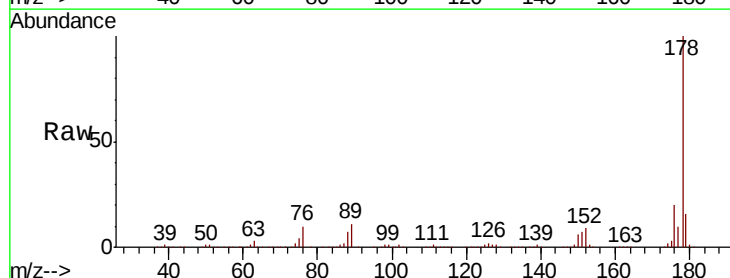
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

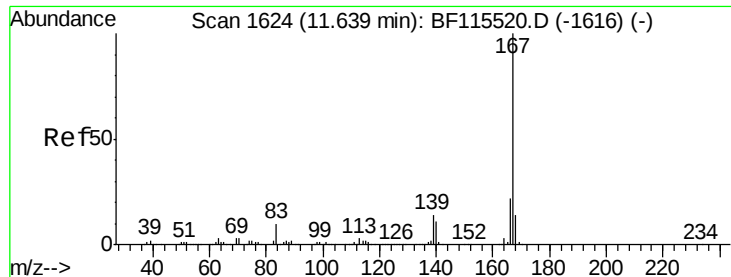
Tgt Ion:178 Resp: 1128921
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.4 13.5 20.3



#72
Anthracene
Concen: 38.729 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:178 Resp: 1156959
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.1 12.7 19.1





#73

Carbazole

Concen: 37.539 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

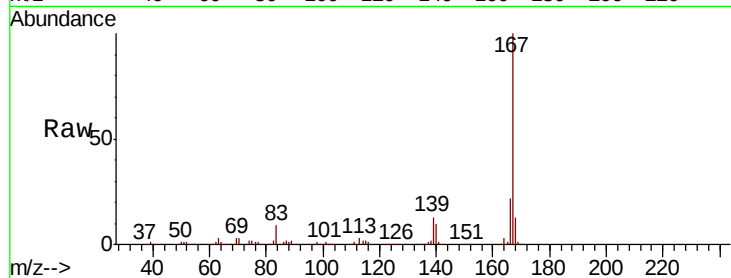
Tgt Ion:167 Resp: 983386

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

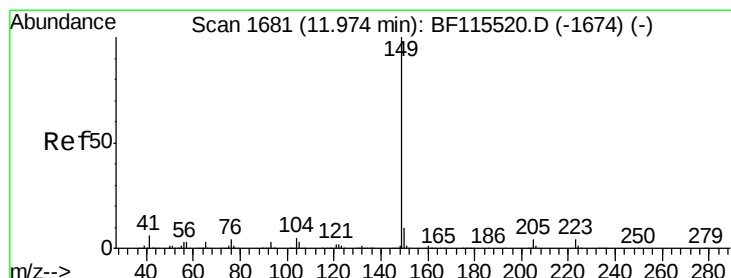
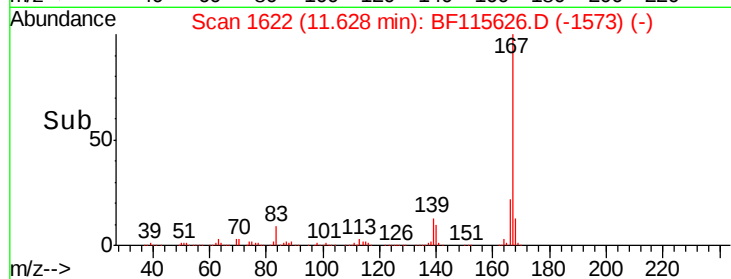
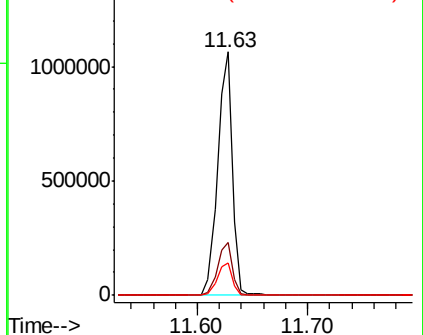
139 13.2 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.168 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

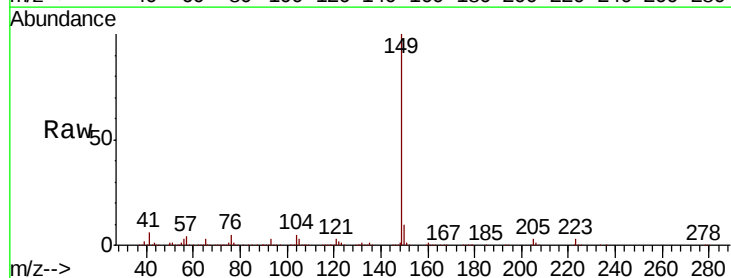
Tgt Ion:149 Resp: 1296159

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

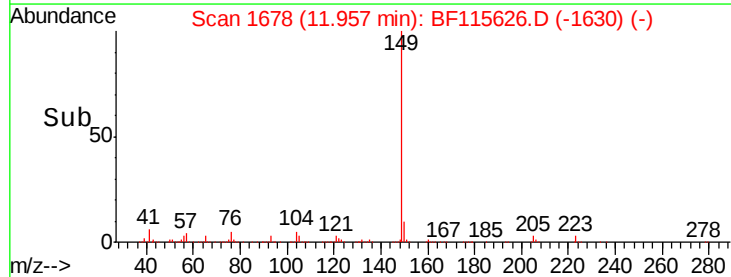
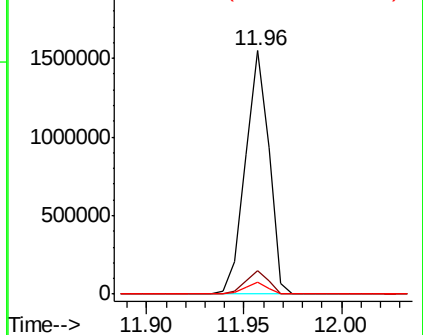
104 5.1 3.8 5.8

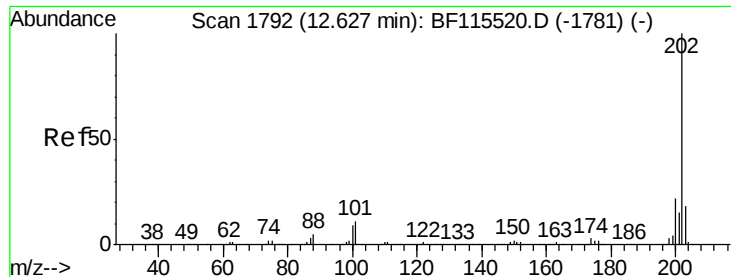


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

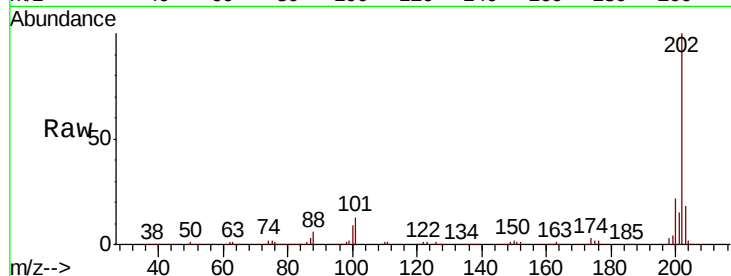




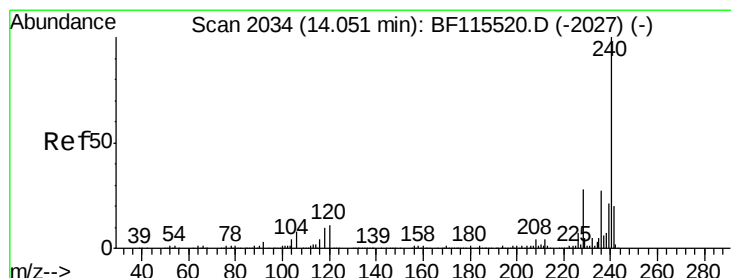
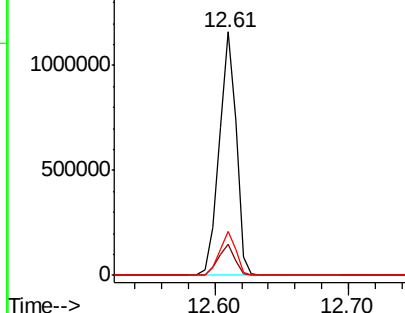
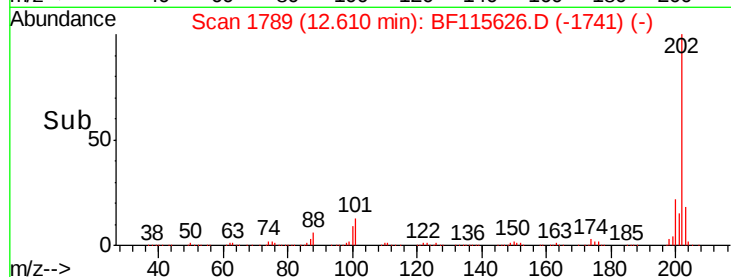
#75
Fluoranthene
Concen: 34.182 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tgt Ion: 202 Resp: 1044120
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 17.9 0.0 38.1

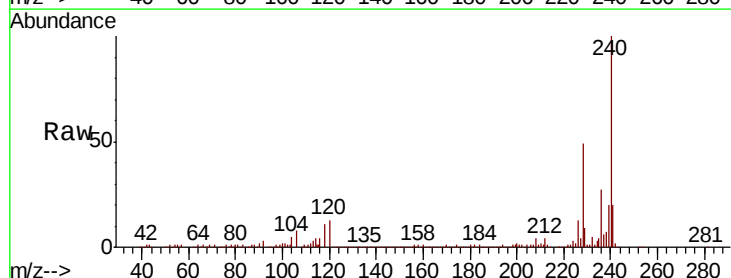


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

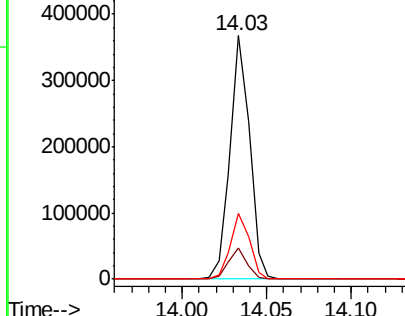
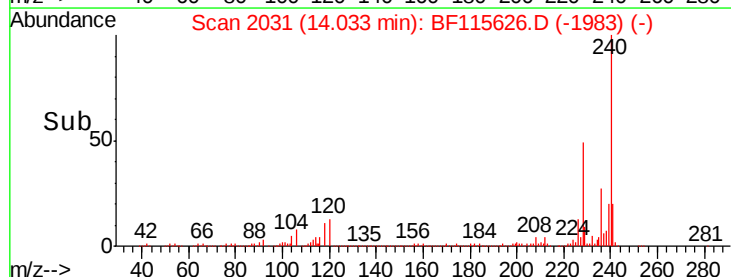


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion: 240 Resp: 296666
Ion Ratio Lower Upper
240 100
120 12.9 8.6 13.0
236 27.0 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.083 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

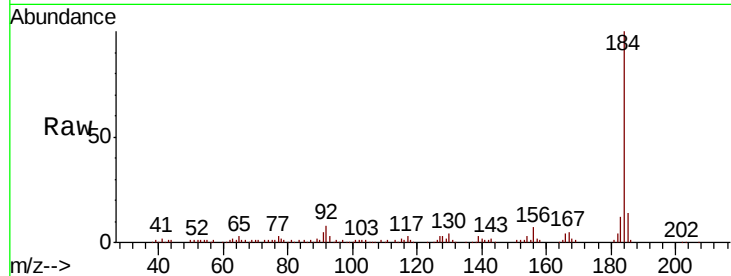
Tgt Ion:184 Resp: 105965

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

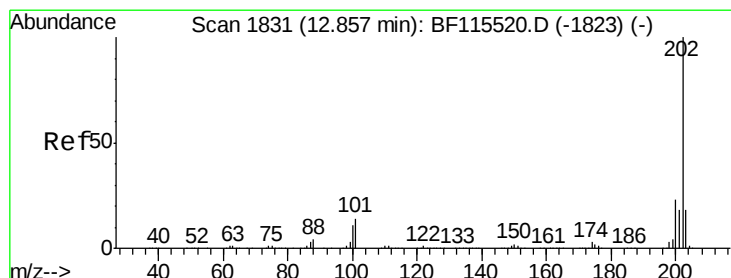
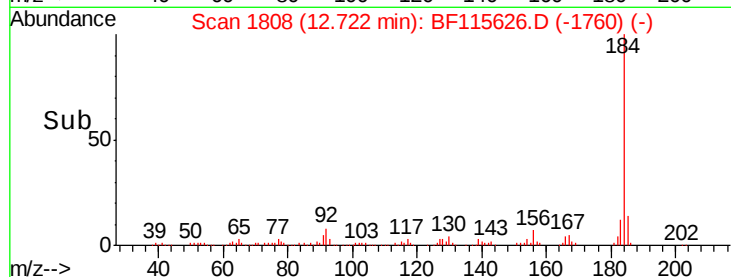
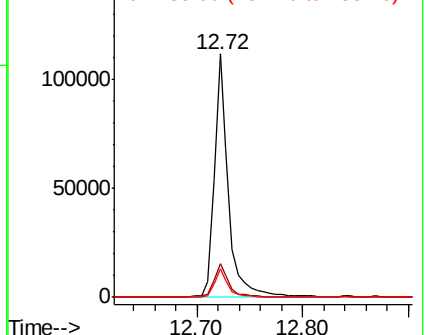
183 11.7 9.3 13.9



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: 40.775 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

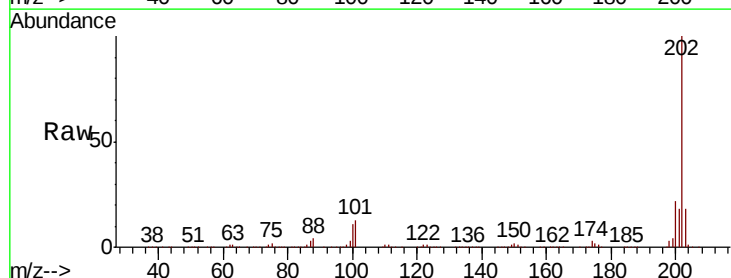
Tgt Ion:202 Resp: 1024869

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

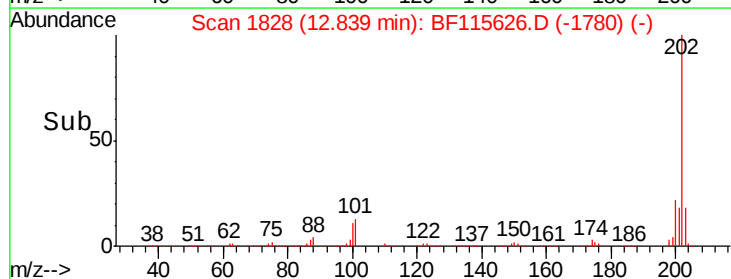
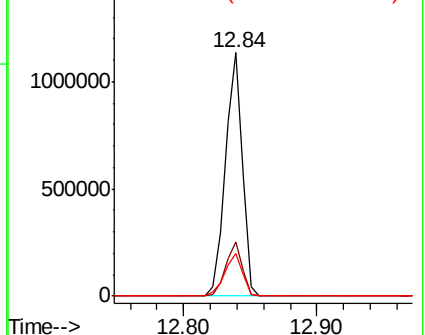
203 17.6 15.2 22.8

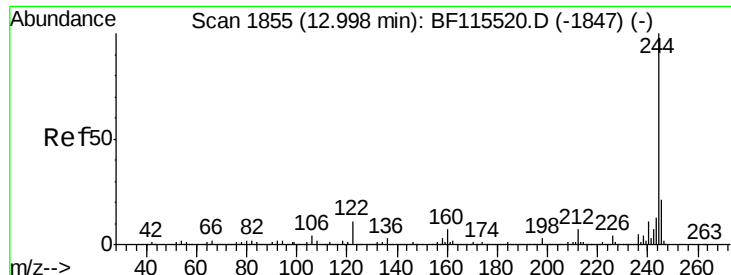


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.169 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

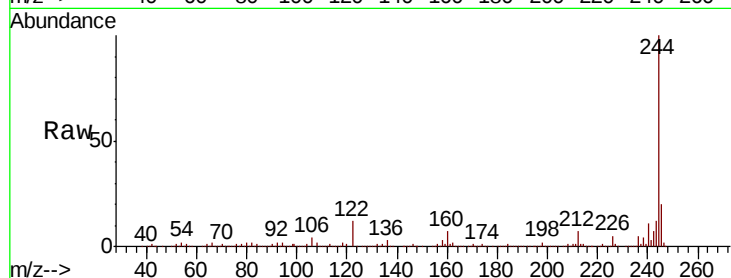
Tgt Ion:244 Resp: 1385425

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

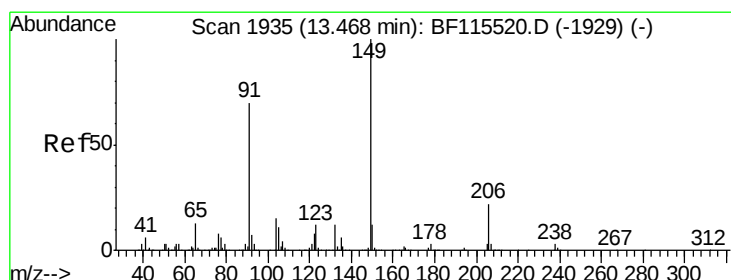
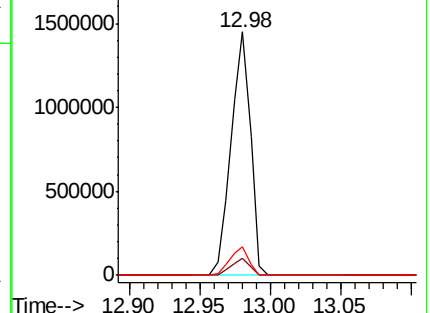
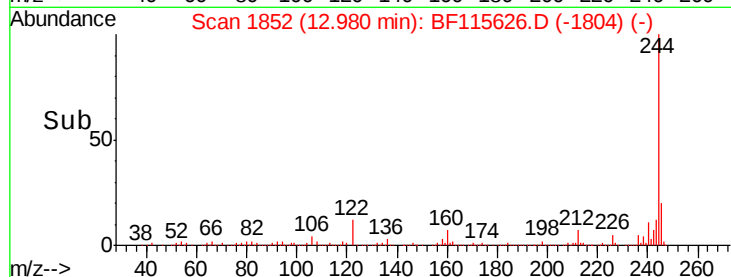
122 11.7 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.967 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

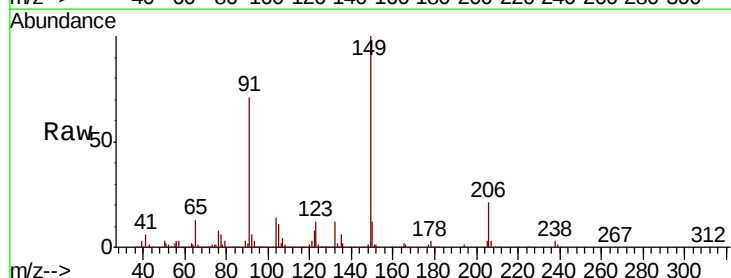
Tgt Ion:149 Resp: 449664

Ion Ratio Lower Upper

149 100

91 71.1 55.8 83.8

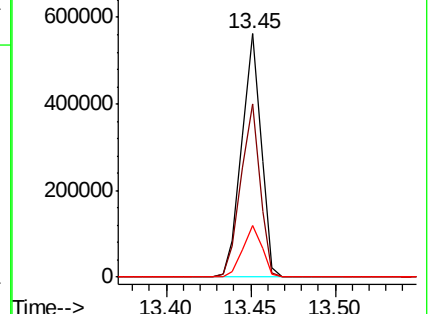
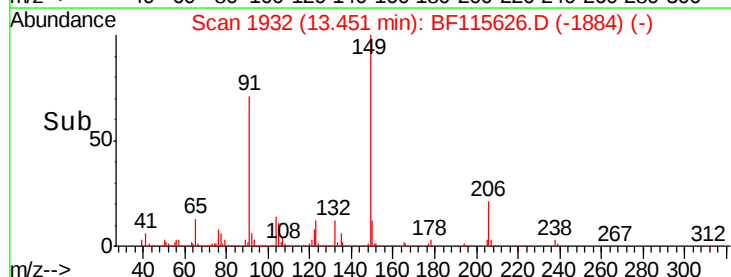
206 21.1 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.793 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

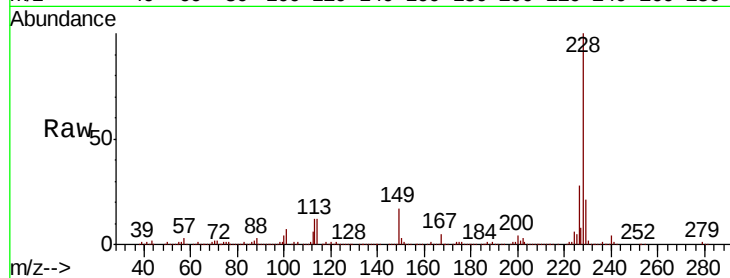
Tgt Ion:228 Resp: 758190

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.0

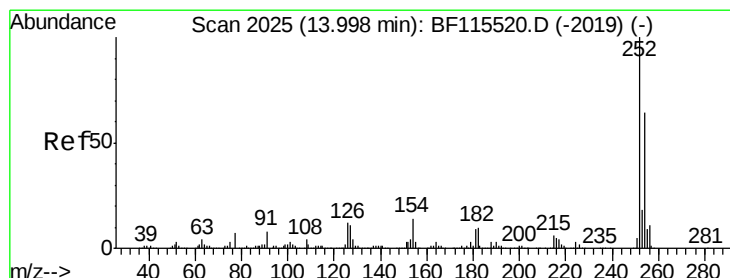
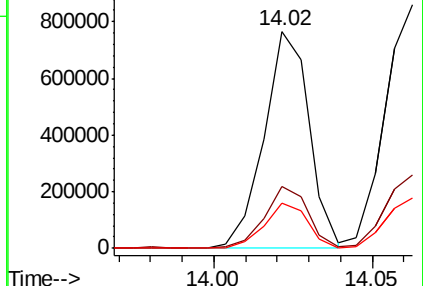
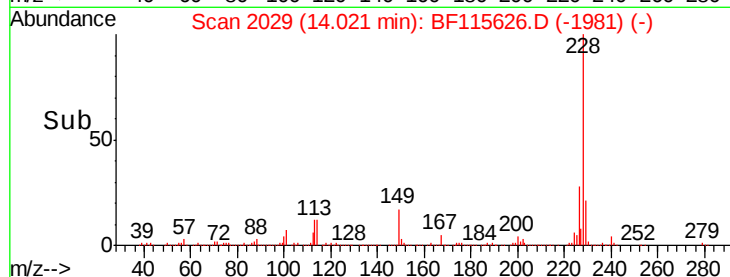
229 20.8 17.2 25.8



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: 37.738 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

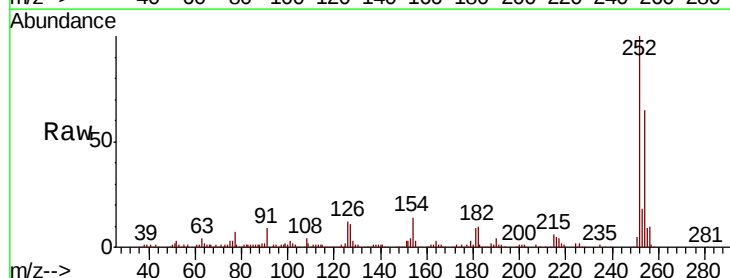
Tgt Ion:252 Resp: 262199

Ion Ratio Lower Upper

252 100

254 65.0 52.9 79.3

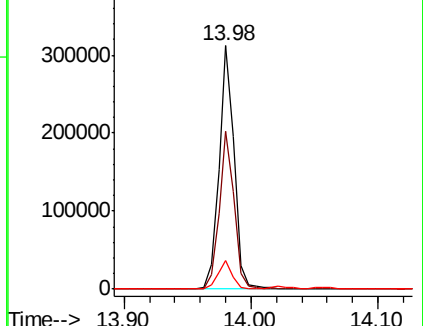
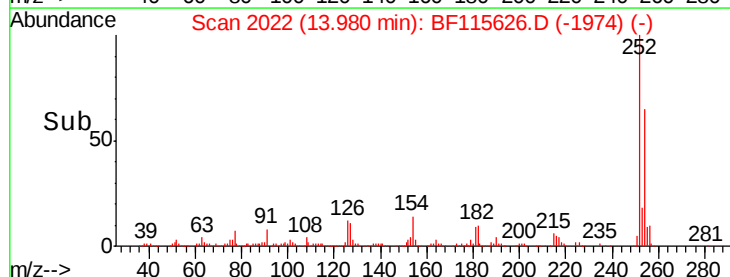
126 11.7 9.9 14.9

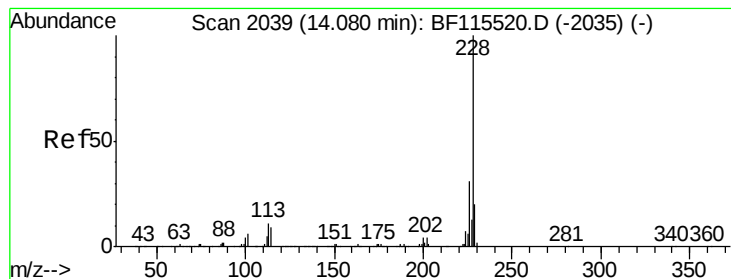


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.777 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

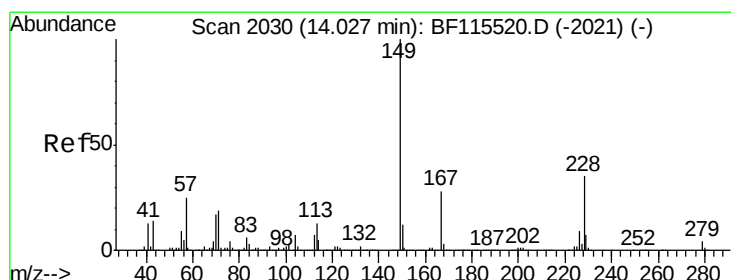
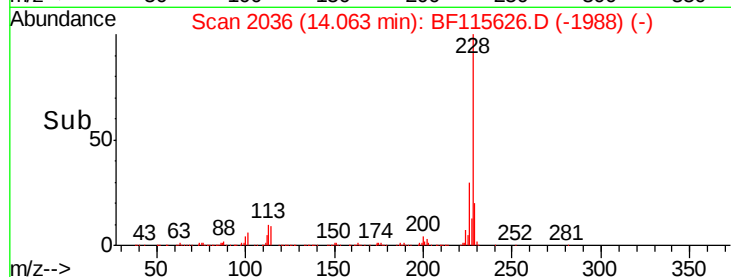
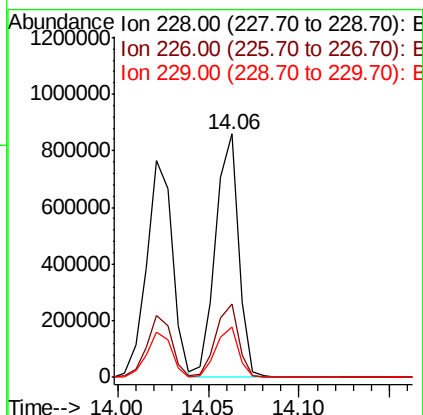
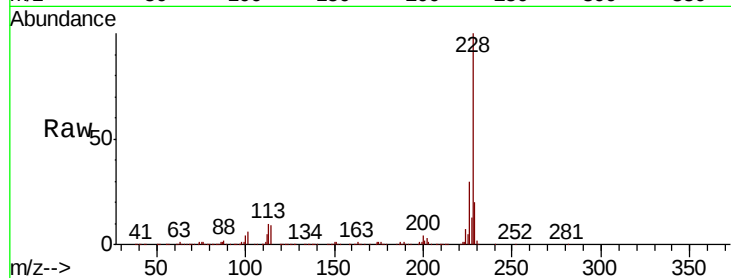
Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:	228	Resp:	760802
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.7	38.5
229	20.5	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.785 ng

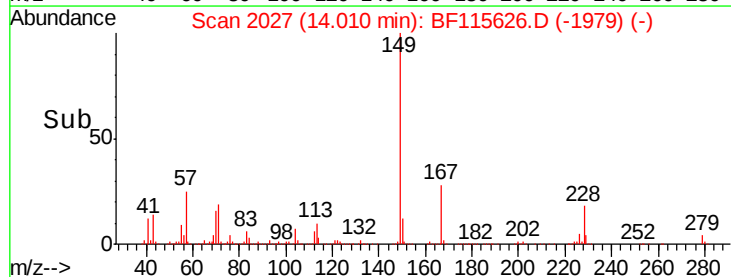
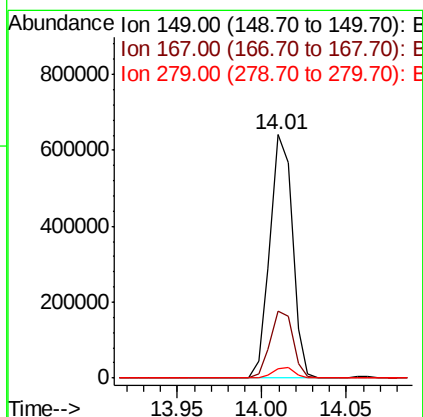
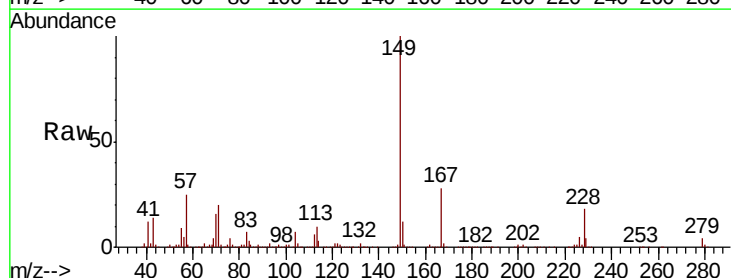
RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Tgt Ion:	149	Resp:	594396
Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	3.9	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 44.330 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

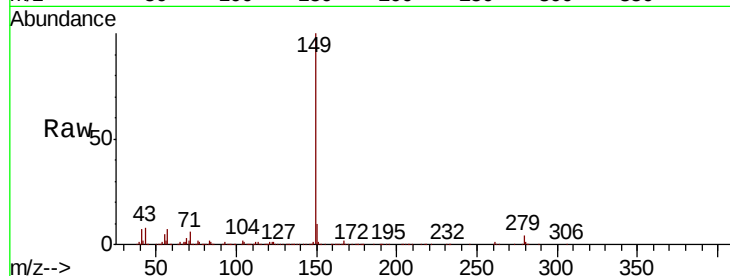
Instrument :

BNA_F

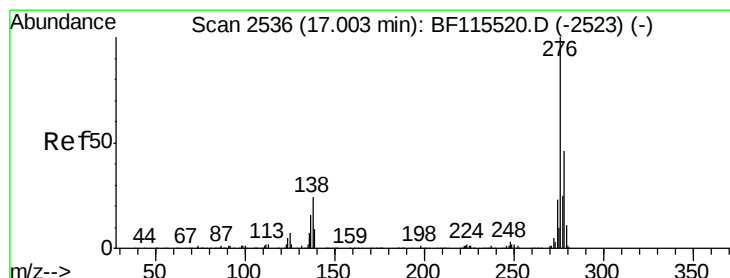
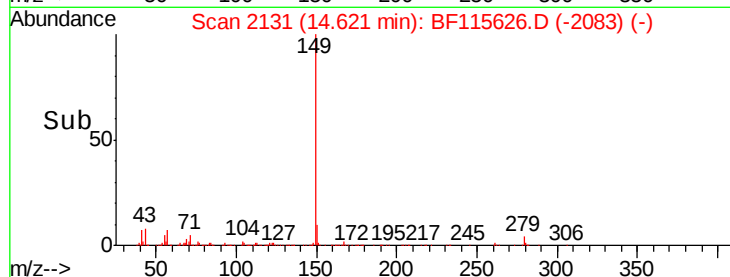
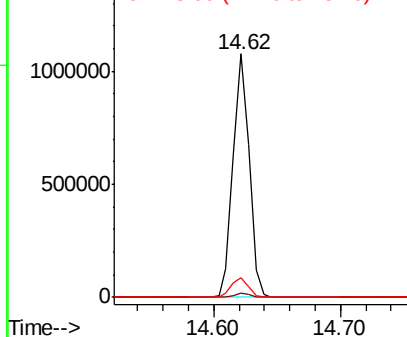
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:	149	Resp:	936127
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.2	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: 48.765 ng

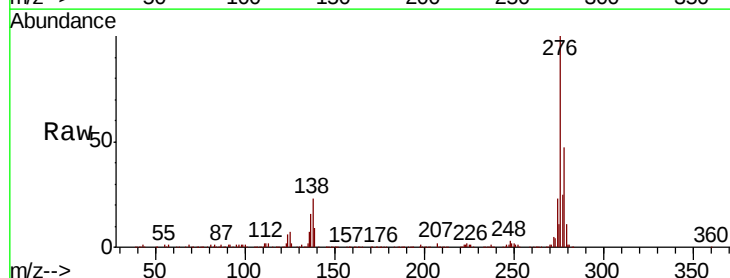
RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

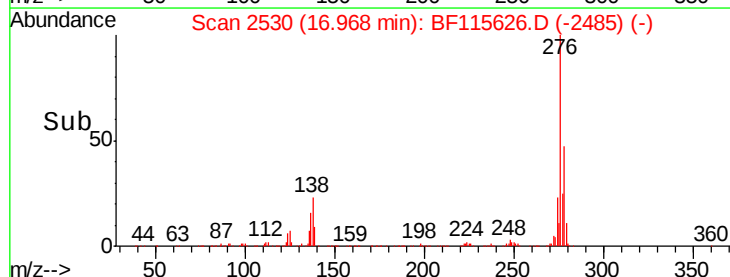
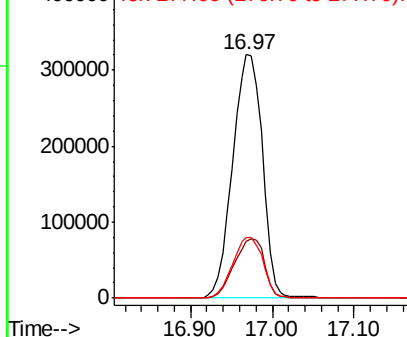
Lab File: BF115626.D

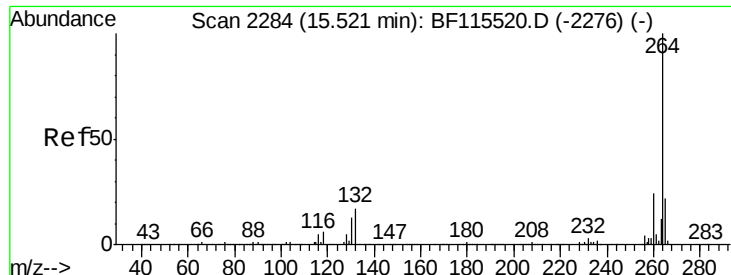
Acq: 17 Jul 2019 17:09

Tgt Ion:	276	Resp:	812851
Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.2
277	25.2	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: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

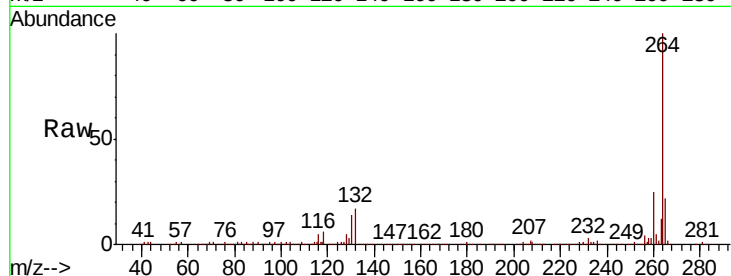
Tgt Ion:264 Resp: 319178

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

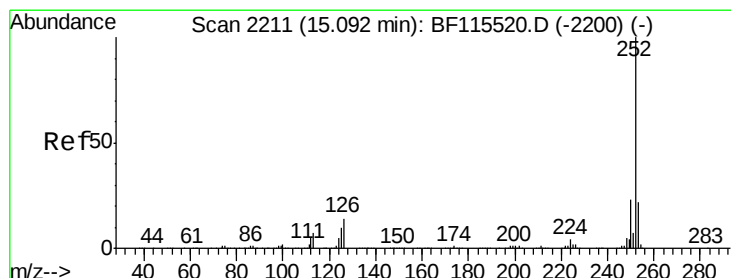
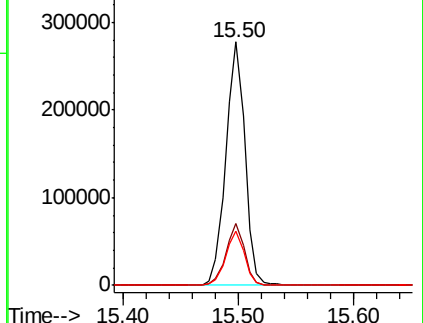
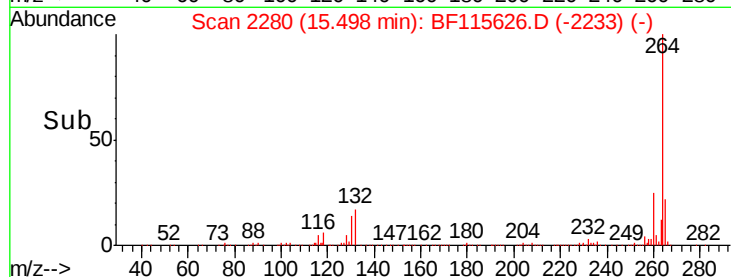
265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.959 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

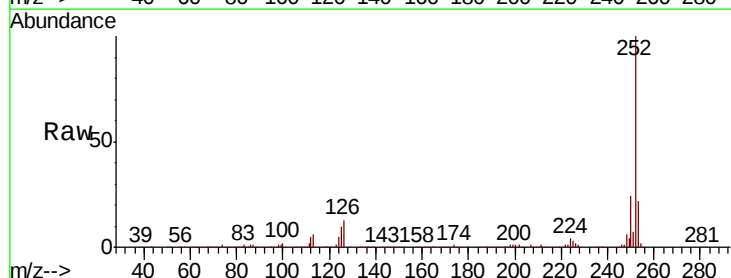
Tgt Ion:252 Resp: 759597

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

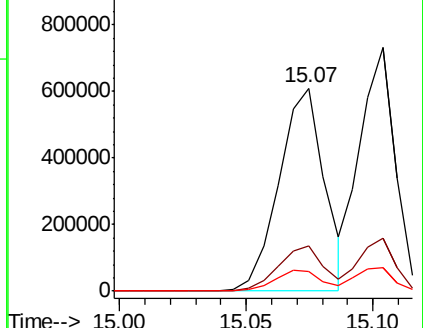
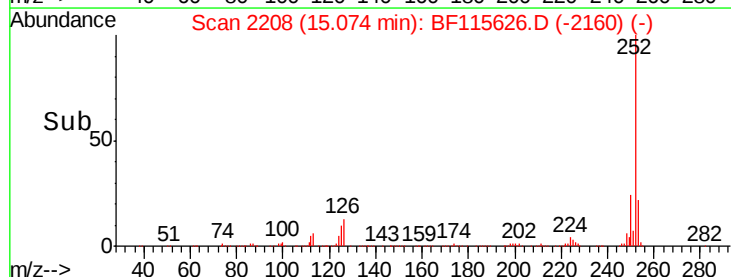
125 9.9 9.0 13.4

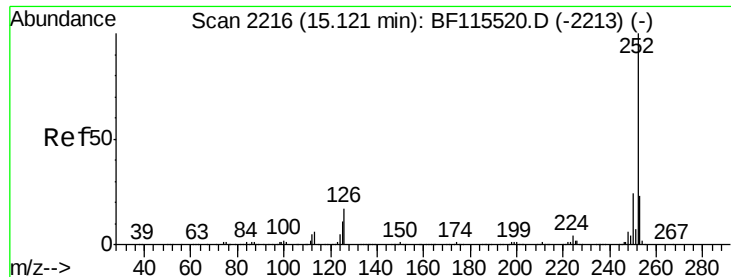


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

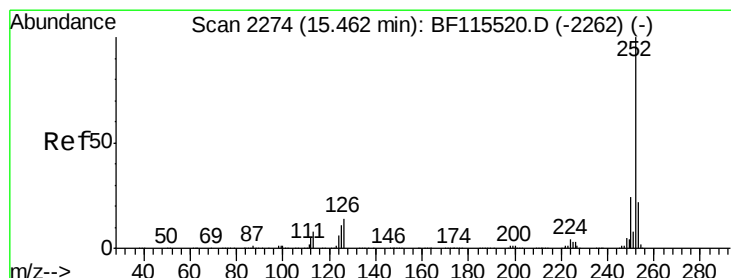
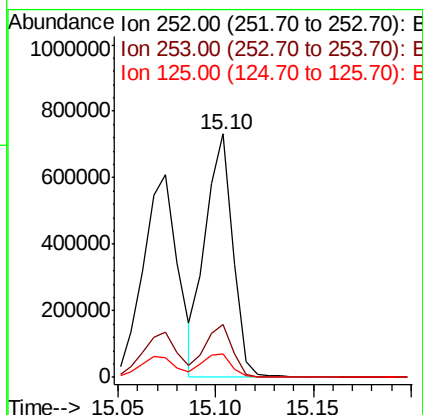
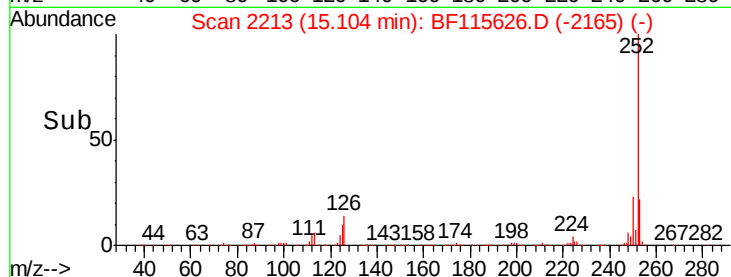
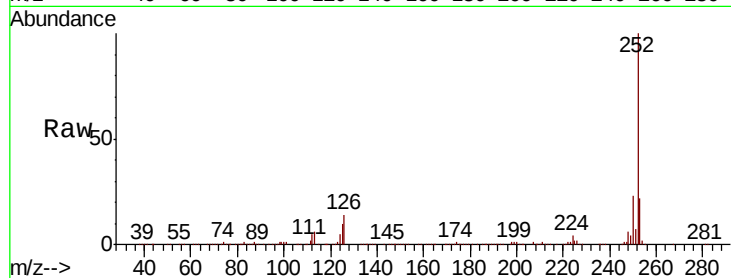




#89
Benzo(k)fluoranthene
Concen: 38.907 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

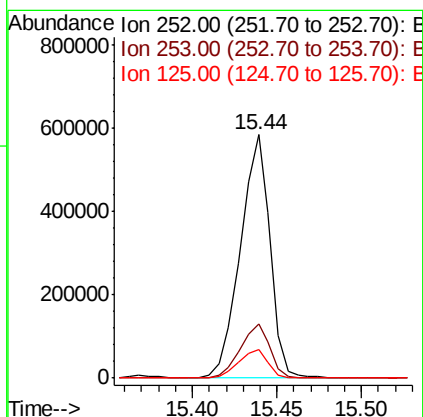
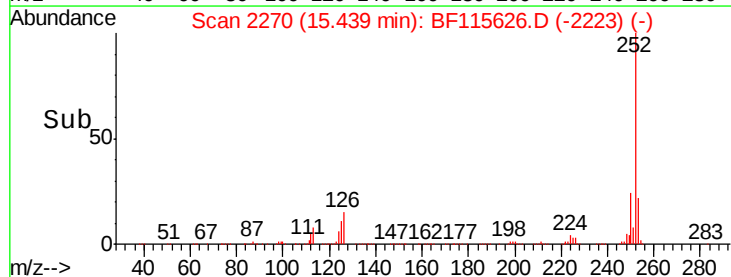
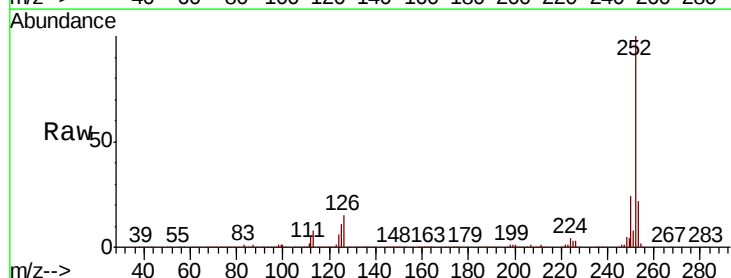
Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

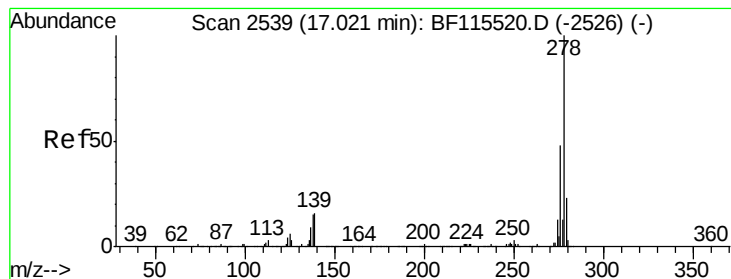
Tgt Ion:252 Resp: 712916
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 9.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 40.351 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion:252 Resp: 712787
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 44.355 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

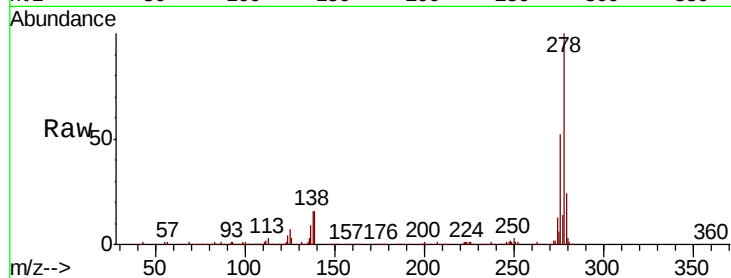
Tgt Ion:278 Resp: 687857

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

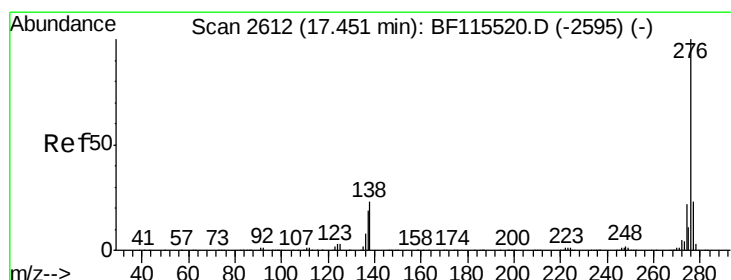
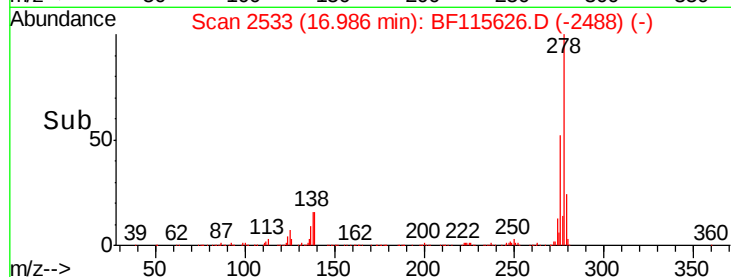
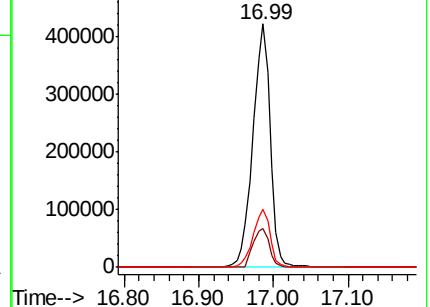
279 23.8 19.6 29.4



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: 42.489 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.04 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

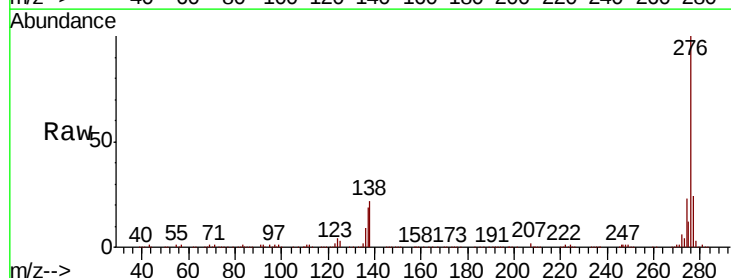
Tgt Ion:276 Resp: 657150

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.1 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

