

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115626.D
 Acq On : 17 Jul 2019 17:09
 Operator : HP/JU
 Sample : K3838-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:25:55 PM

Quant Time: Jul 18 05:14:06 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
33) 4-Chloroaniline	8.23	127	389224	27.575	ng	98
34) Hexachlorobutadiene	8.31	225	238518	37.640	ng	99
35) Caprolactam	8.59	113	65293m	21.614	ng	
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
41) Hexachlorocyclopentadiene	9.03	237	294076	53.475	ng	99

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Quant Time: Jul 18 05:14:06 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)
43) 2,4,6-Trichlorophenol	9.15	196	248823	35.294	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	257307	35.638	nq	98
46) 1,1'-Biphenyl	9.34	154	1017479	40.653	nq	99
47) 2-Chloronaphthalene	9.36	162	806299	38.690	nq	98
48) 2-Nitroaniline	9.46	65	245498	38.061	nq	93
49) Acenaphthylene	9.78	152	1209706	39.175	nq	98
50) Dimethylphthalate	9.64	163	1193816	49.564	nq	99
51) 2,6-Dinitrotoluene	9.70	165	213500	39.004	nq	93
52) Acenaphthene	9.95	154	719168	36.073	nq	98
53) 3-Nitroaniline	9.86	138	203963	32.607	nq	99
54) 2,4-Dinitrophenol	9.97	184	12939	4.604	nq	93
55) Dibenzofuran	10.12	168	1075945	38.003	nq	99
56) 4-Nitrophenol	10.02	139	292125	61.243	nq	99
57) 2,4-Dinitrotoluene	10.10	165	276007	38.921	nq	96
58) Fluorene	10.46	166	773693	38.226	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	186622	30.921	nq	97
60) Diethylphthalate	10.33	149	892202	39.534	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	411736	36.683	nq	100
62) 4-Nitroaniline	10.47	138	199152	33.192	nq	96
63) Azobenzene	10.62	77	844789	38.593	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	51489	14.945	nq	94
66) n-Nitrosodiphenylamine	10.57	169	721324	41.121	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	253507	39.339	nq	97
68) Hexachlorobenzene	11.02	284	276086	37.515	nq	# 92
69) Atrazine	11.10	200	237673	41.302	nq	99
70) Pentachlorophenol	11.20	266	171606	38.125	nq	98
71) Phenanthrene	11.43	178	1128921	39.055	nq	97
72) Anthracene	11.47	178	1156959	38.729	nq	99
73) Carbazole	11.63	167	983386	37.539	nq	98
74) Di-n-butylphthalate	11.96	149	1296159	40.168	nq	100
75) Fluoranthene	12.61	202	1044120	34.182	nq	98
77) Benzidine	12.72	184	105965	10.083	nq	98
78) Pyrene	12.84	202	1024869	40.775	nq	97
80) Butylbenzylphthalate	13.45	149	449664	41.967	nq	98
81) Benzo(a)anthracene	14.02	228	758190	38.793	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	262199	37.738	nq	99
83) Chrysene	14.06	228	760802	38.777	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	594396	44.785	nq	# 98
85) Di-n-octyl phthalate	14.62	149	936127	44.330	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	812851	48.765	nq	99
88) Benzo(b)fluoranthene	15.07	252	759597	36.959	nq	98
89) Benzo(k)fluoranthene	15.10	252	712916	38.907	nq	97
90) Benzo(a)pyrene	15.44	252	712787	40.351	nq	100
91) Dibenzo(a,h)anthracene	16.99	278	687857	44.355	nq	99
92) Benzo(g,h,i)perylene	17.42	276	657150	42.489	nq	99

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



#1

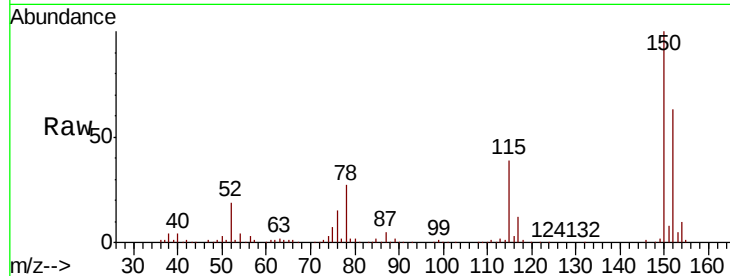
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	129.7	194.5
115	61.3	48.2	72.4

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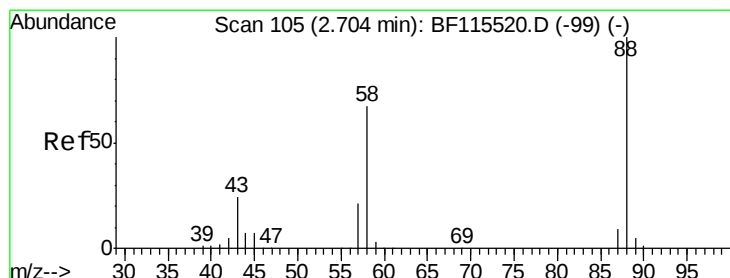
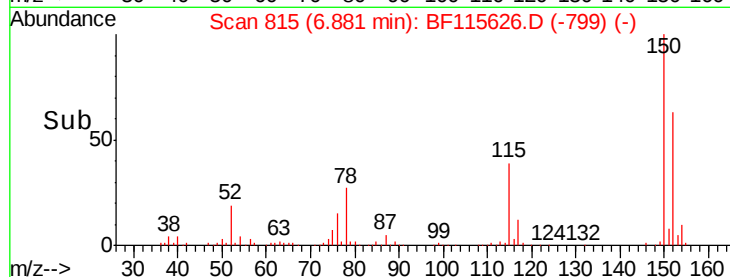
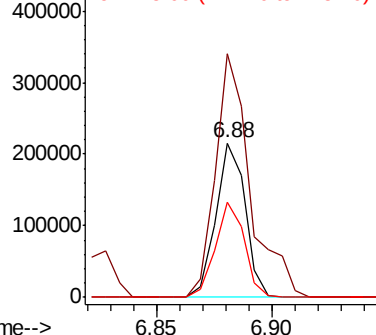


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

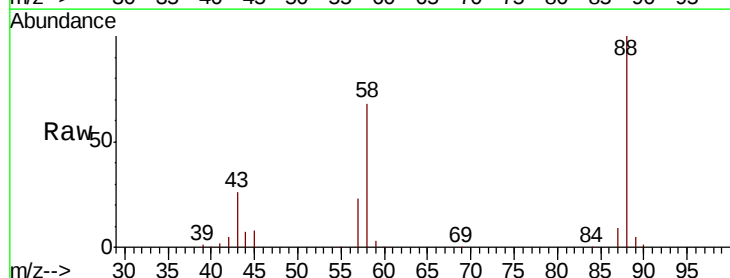
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 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	Ratio	Lower	Upper
88	100		
58	67.0	52.6	79.0
43	24.5	19.1	28.7

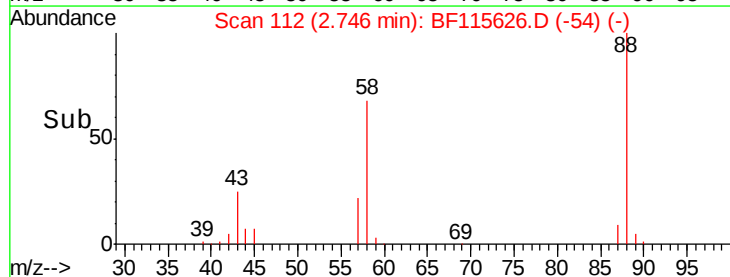
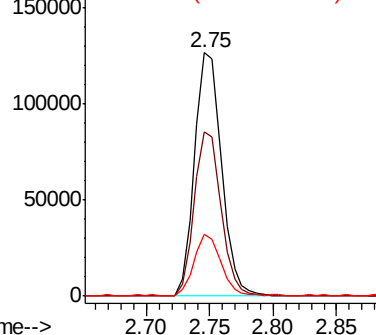


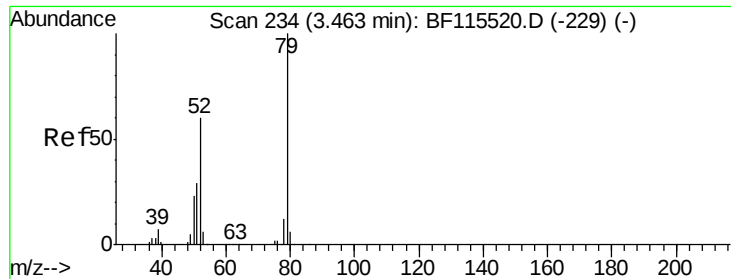
Abundance

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

Pvridine

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

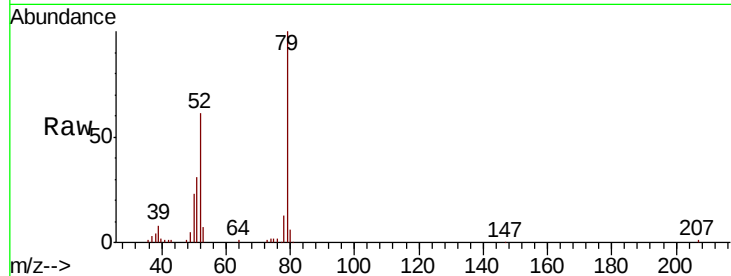
ClientSampleId :

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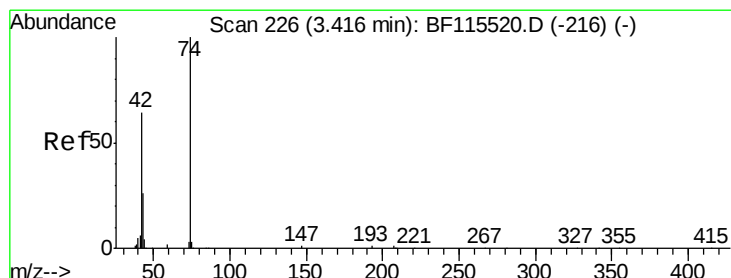
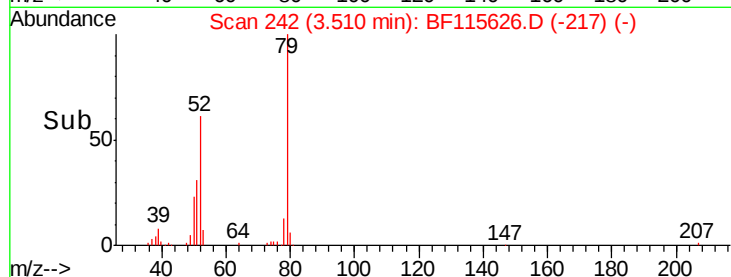
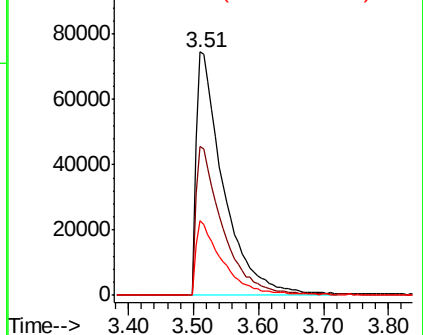
Tot Ion:	79	Resp:	215889
Ion	Ratio	Lower	Upper
79	100		
52	61.0	47.8	71.6
51	30.5	23.8	35.8

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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

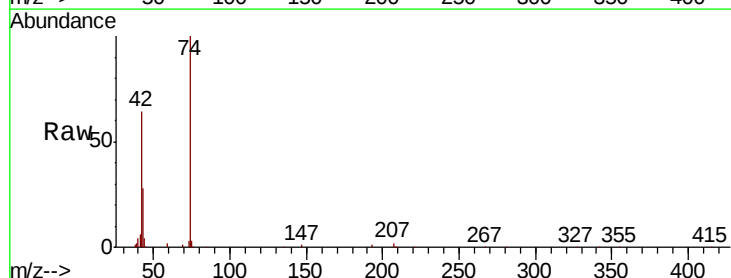
RT: 3.45 min Scan# 231

Delta R.T. 0.03 min

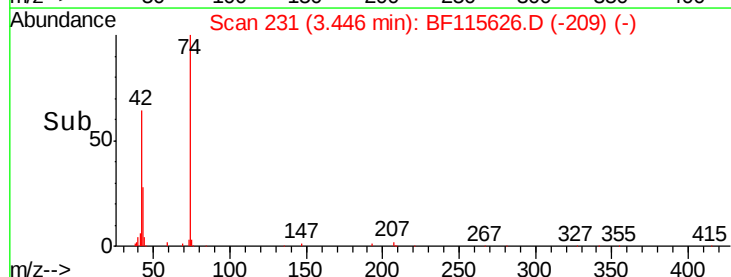
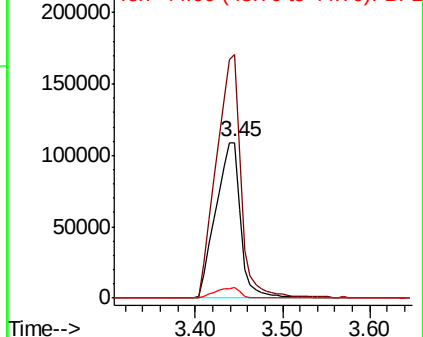
Lab File: BF115626.D

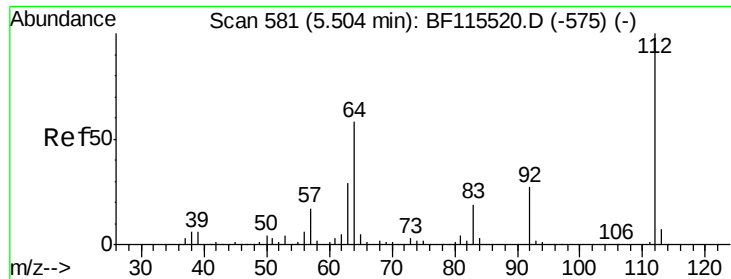
Acq: 17 Jul 2019 17:09

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

Tot Ion: 112 Resp: 1150313

Ion Ratio Lower Upper

112 100

64 56.9 46.8 70.2

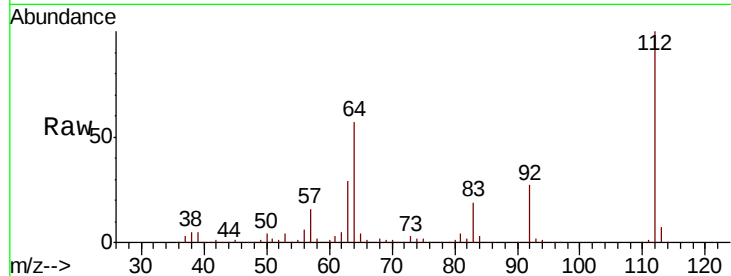
63 28.9 24.1 36.1

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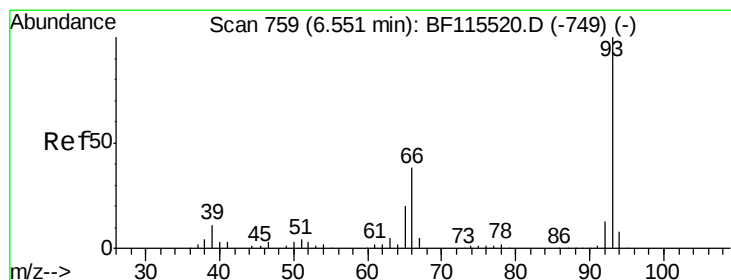
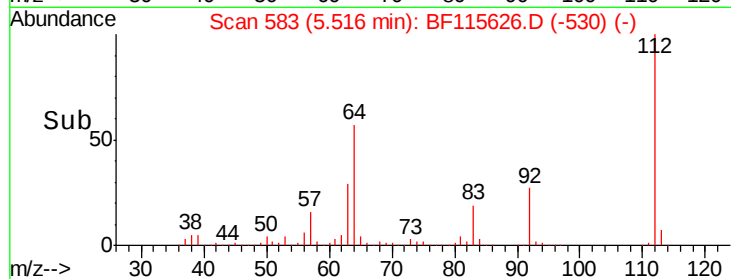
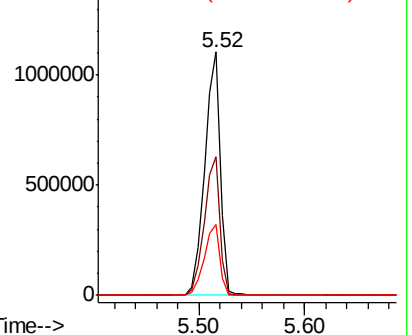
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Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#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

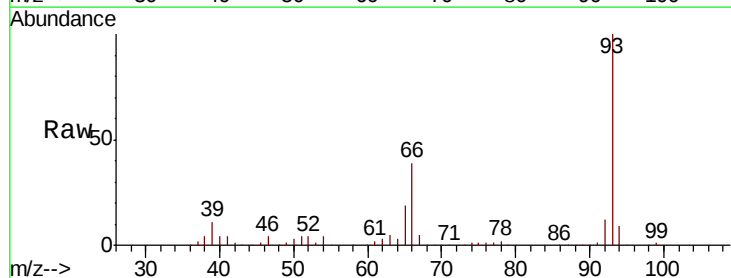
Tgt Ion: 93 Resp: 537327

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

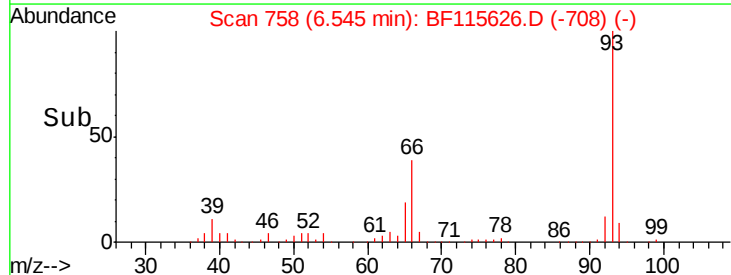
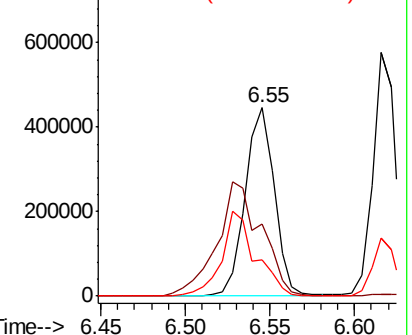
65 19.2 16.2 24.2

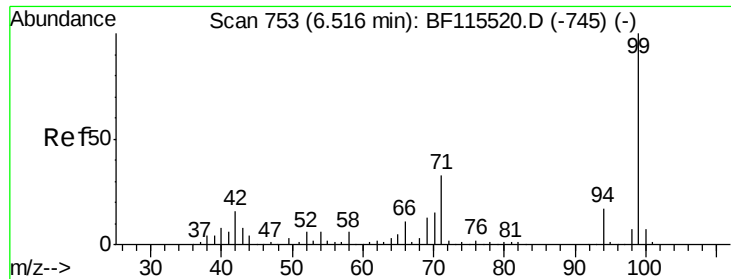


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 110.723 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tot Ion: 99 Resp: 1649956

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

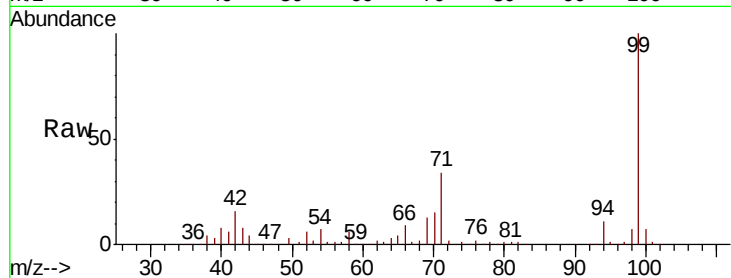
71 33.7 28.5 42.7

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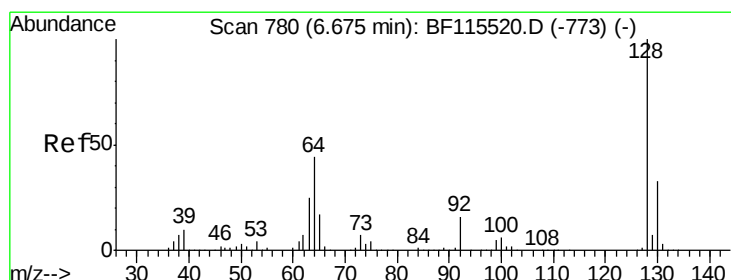
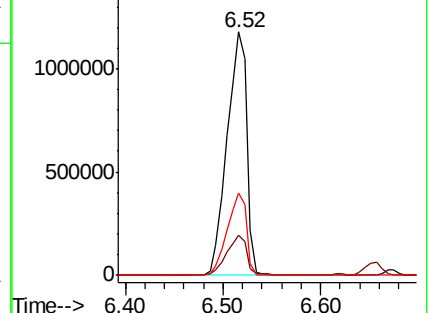
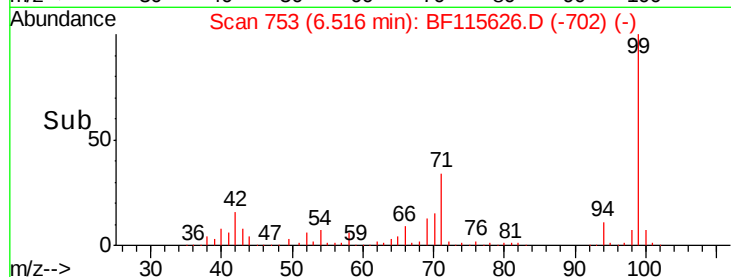
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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

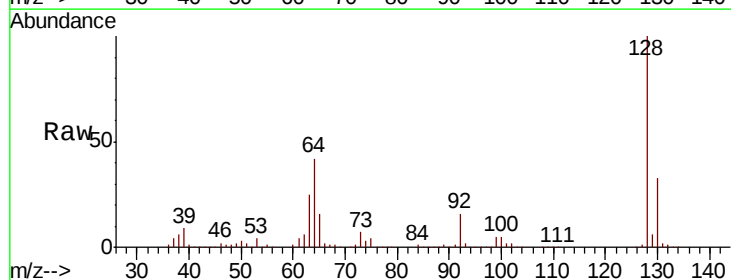
Tgt Ion:128 Resp: 507903

Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

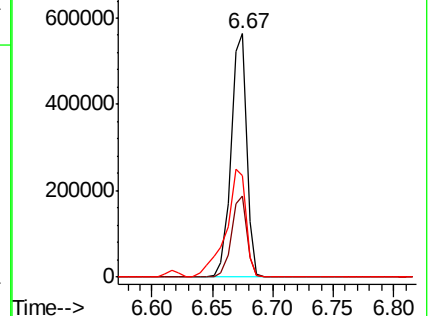
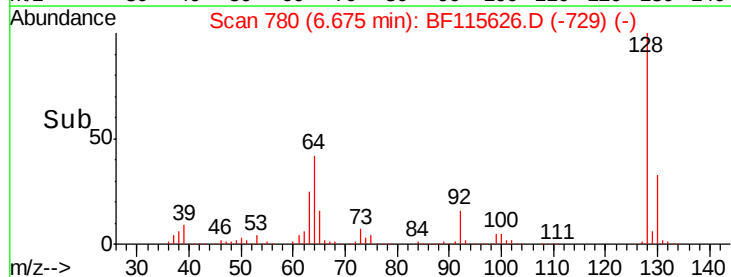
64 41.9 26.8 66.8

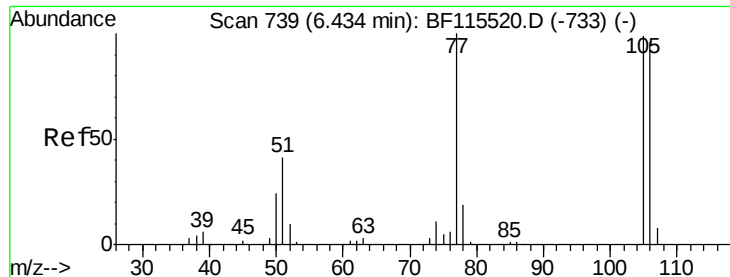


Abundance Ion 128.00 (127.70 to 128.70): E

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

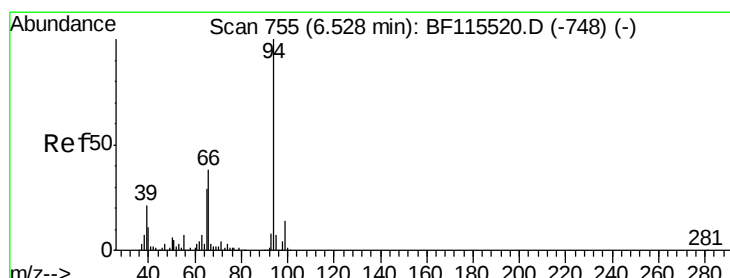
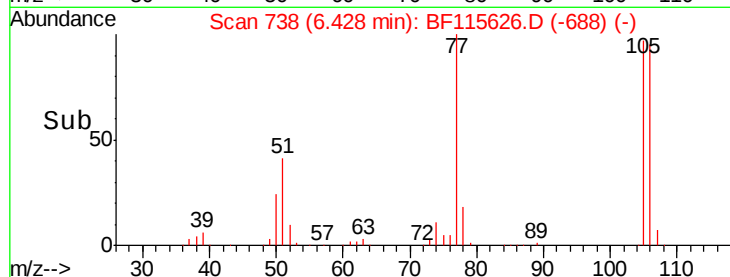
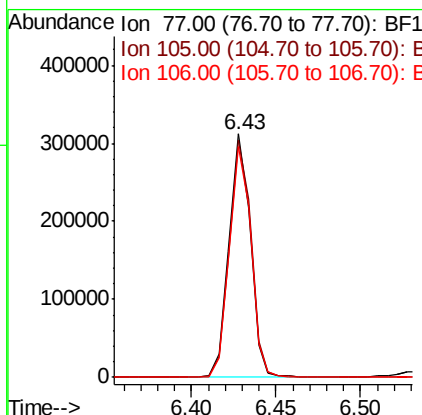
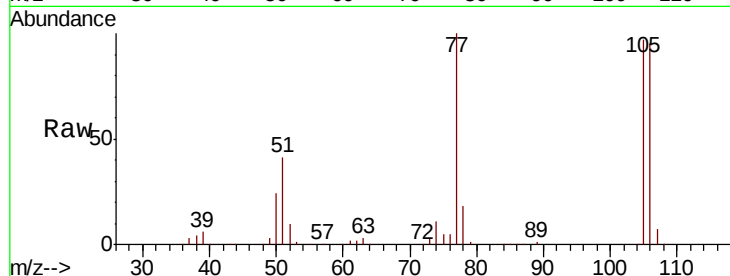
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

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

Manual Integrations
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#10

Phenol

Concen: 37.762 ng

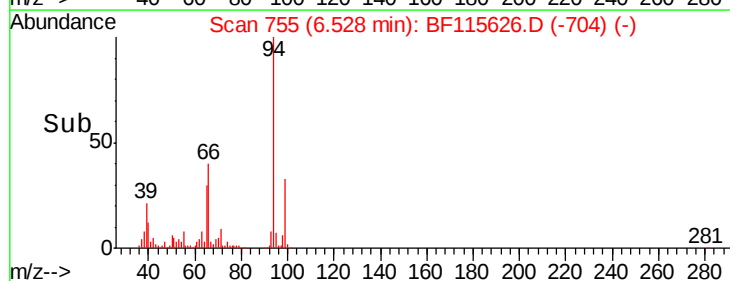
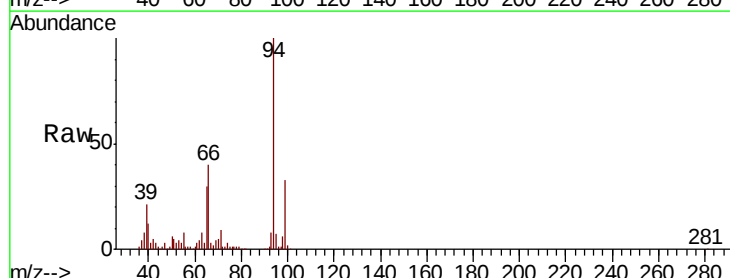
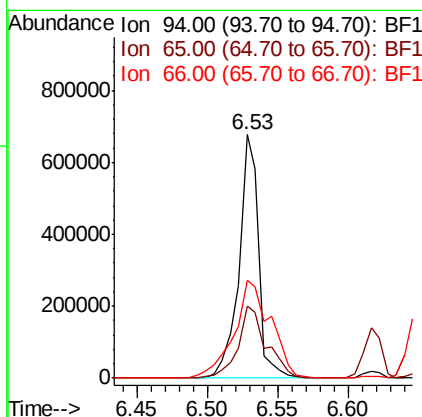
RT: 6.53 min Scan# 755

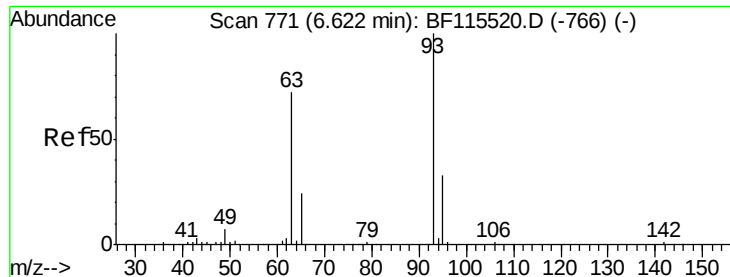
Delta R.T. 0.00 min

Lab File: BF115626.D

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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





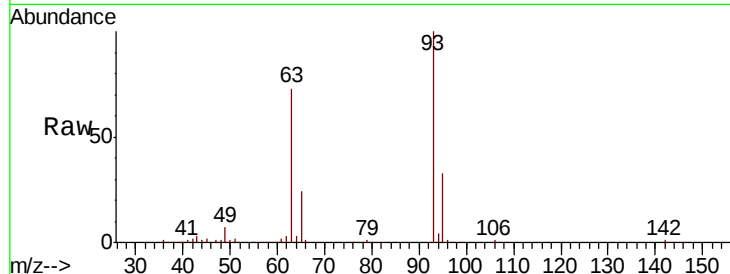
#11
bis(2-Chloroethyl)ether
Concen: 38.768 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

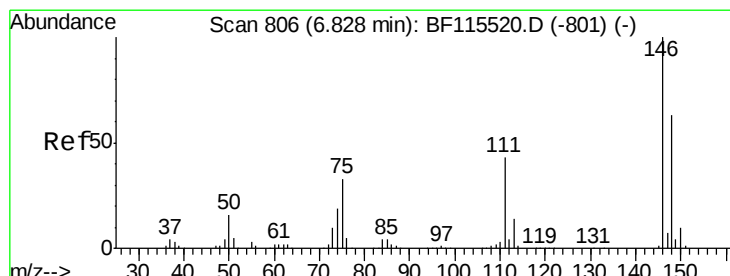
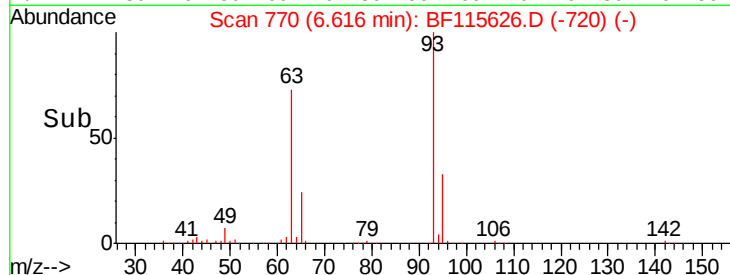
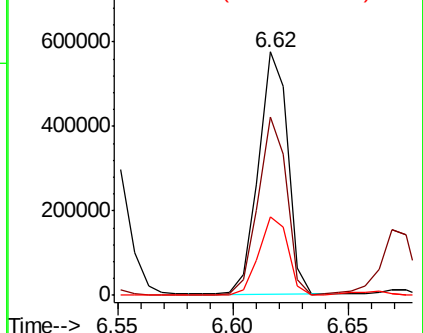
Tot Ion:	93	Resp:	510589
Ion	Ratio	Lower	Upper
93	100		
63	73.2	52.2	92.2
95	32.5	12.9	52.9

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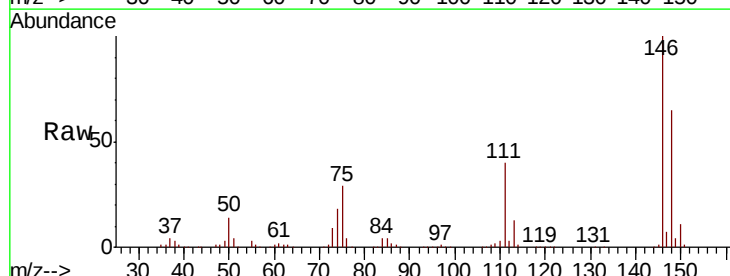


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

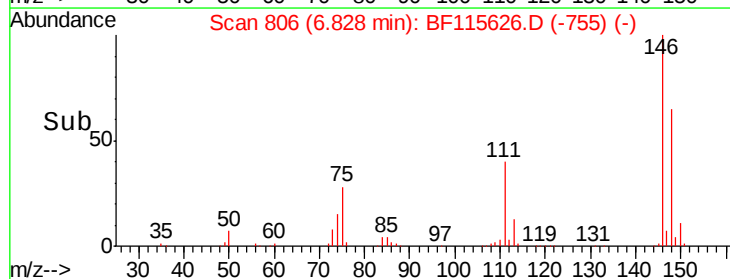
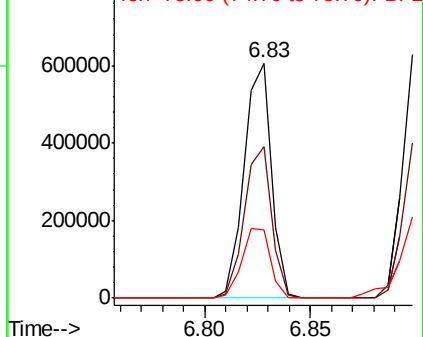


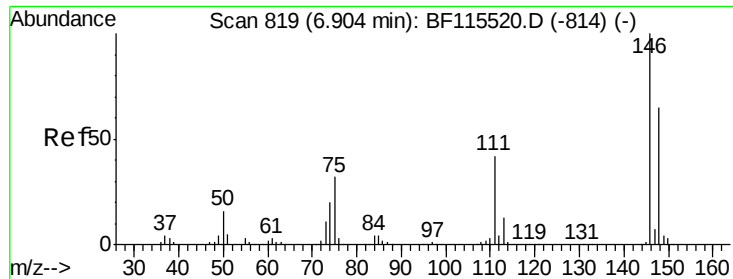
#12
1,3-Dichlorobenzene
Concen: 35.829 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





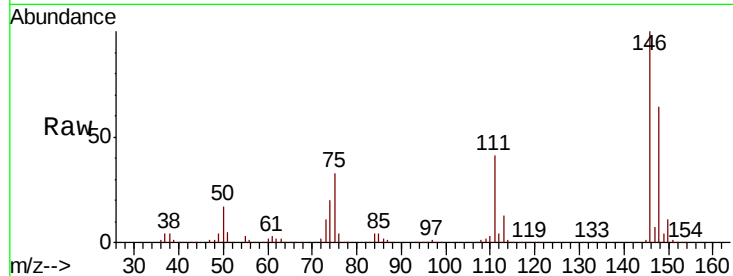
#13
1,4-Dichlorobenzene
Concen: 35.741 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	41.4	35.5	53.3

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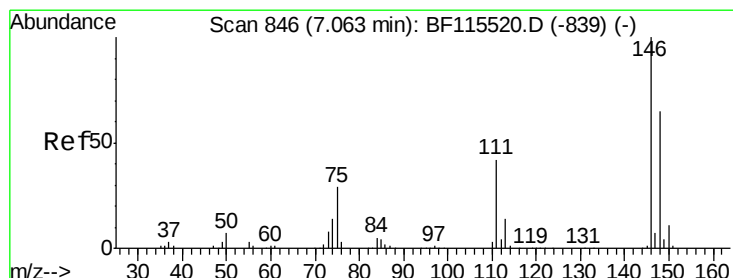
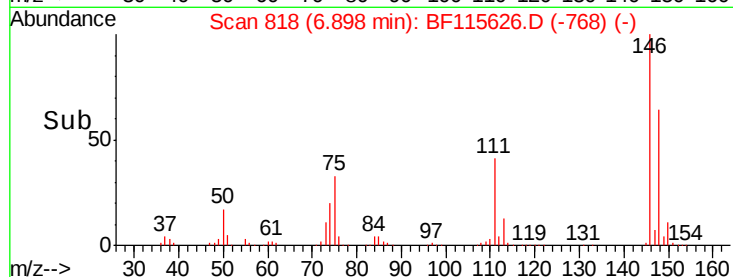
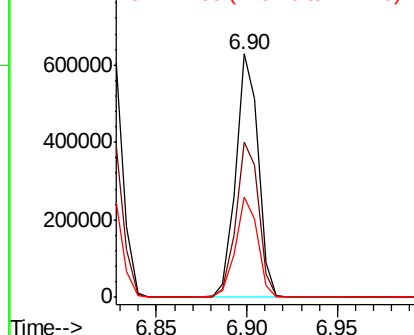


Abundance

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

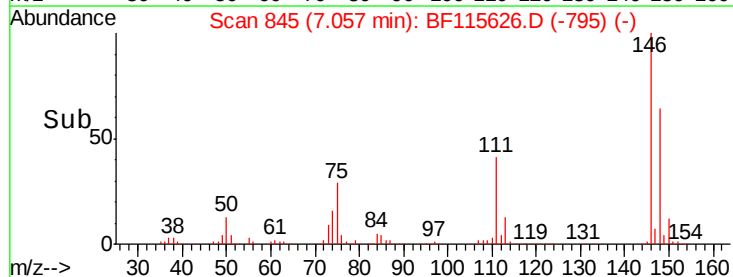
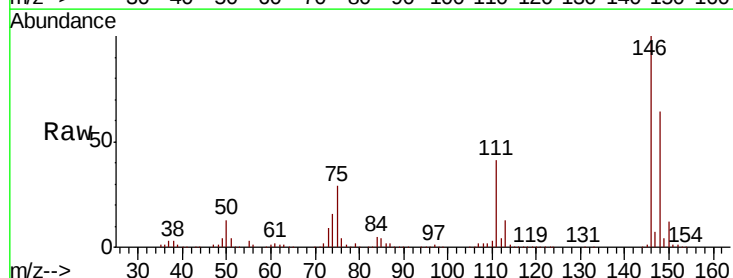
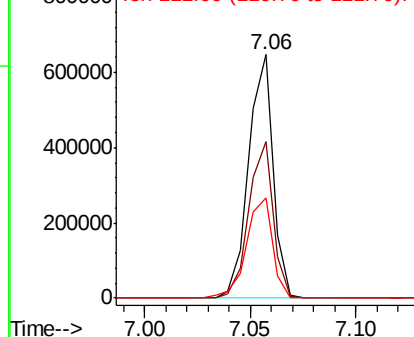
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	41.2	37.6	56.4

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

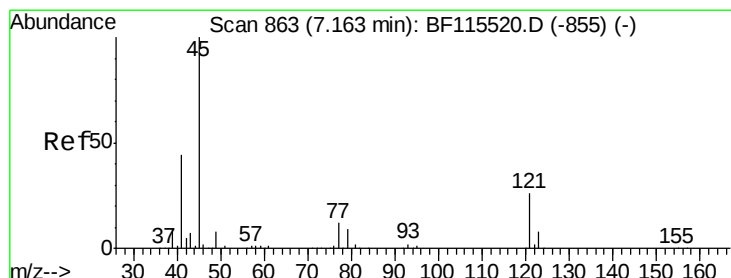
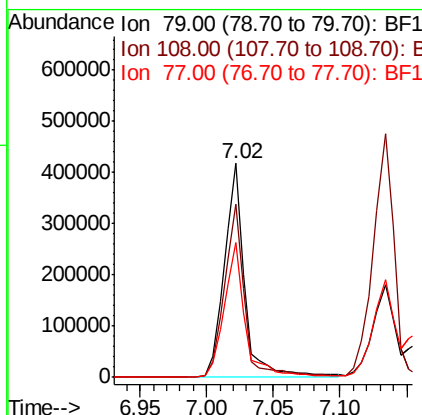
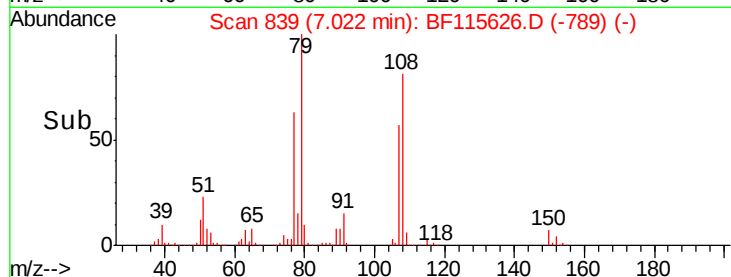
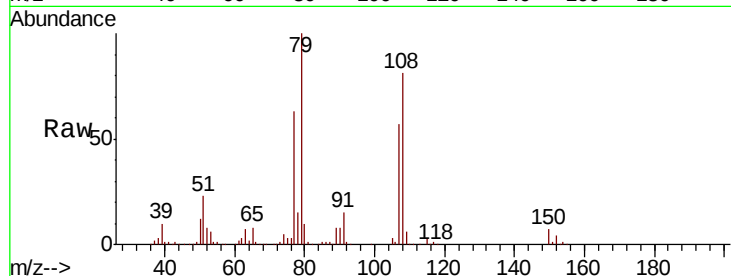
ClientSampleId :

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Tot Ion:	79	Resp:	452455
Ion	Ratio	Lower	Upper
79	100		
108	80.7	64.2	96.4
77	62.9	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.135 ng

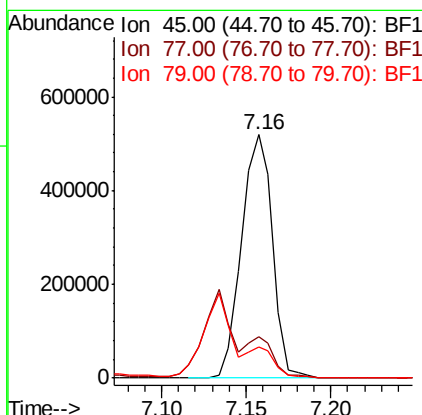
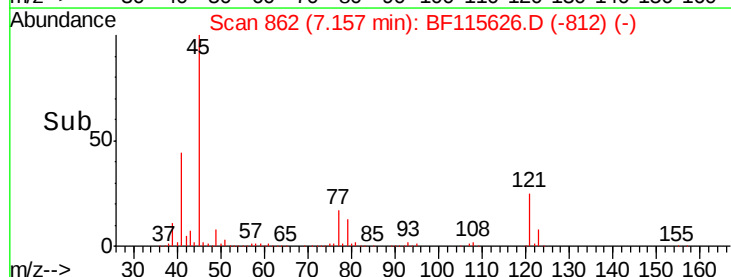
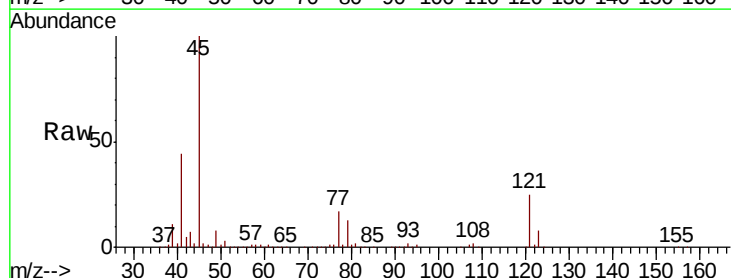
RT: 7.16 min Scan# 862

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





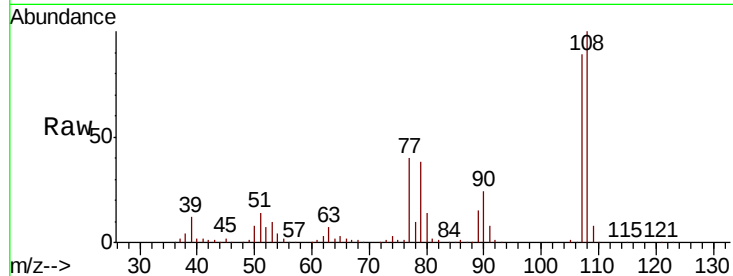
#17
2-Methylphenol
Concen: 37.191 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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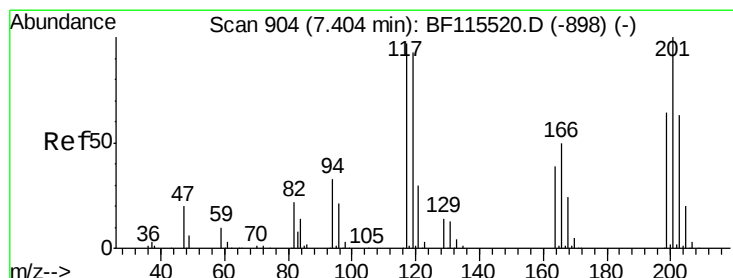
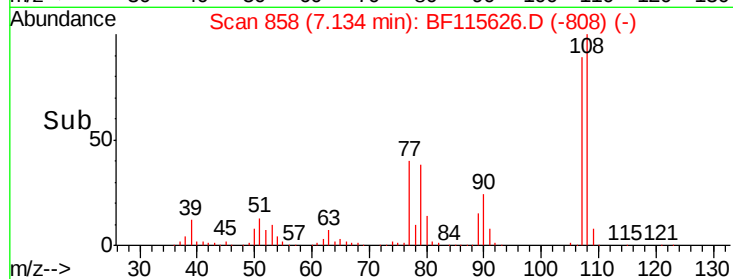
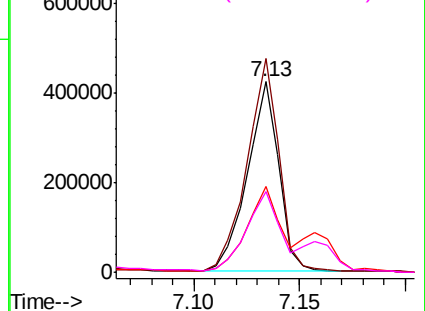
Tot Ion:	107	Resp:	432760
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.4	134.2
77	44.7	35.7	53.5
79	42.6	35.0	52.4

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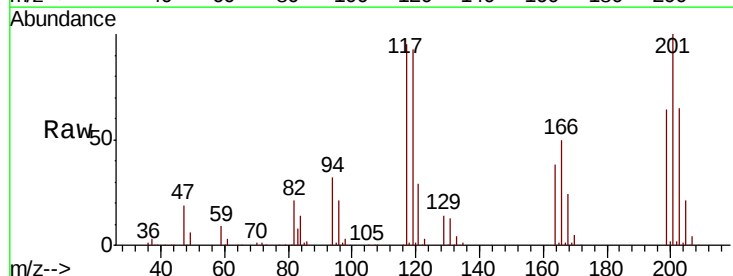


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

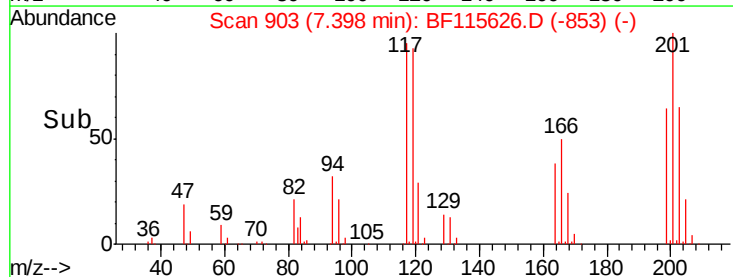
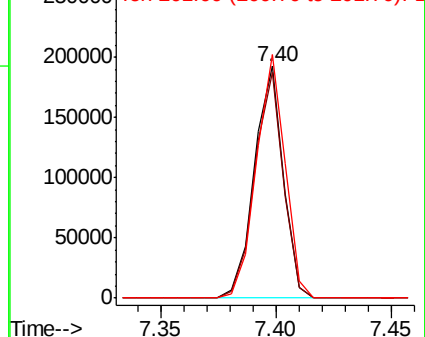


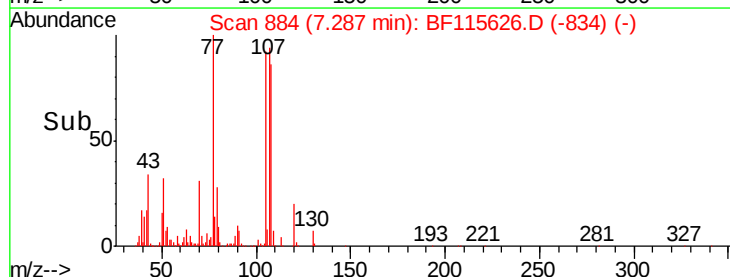
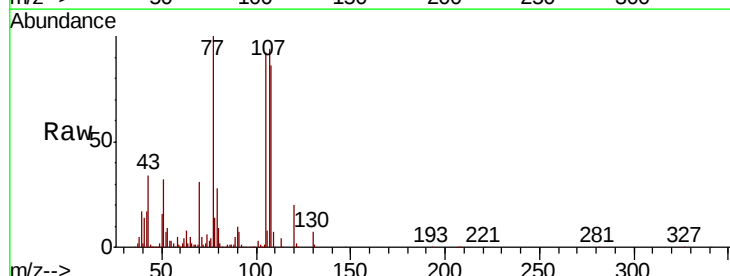
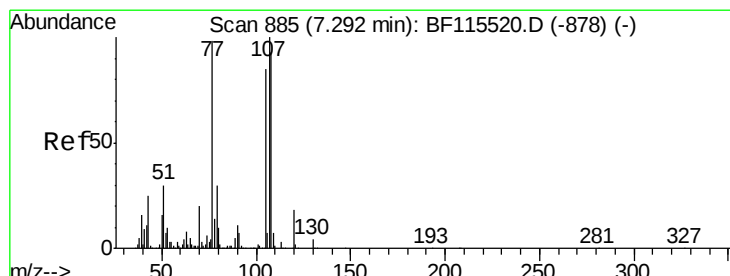
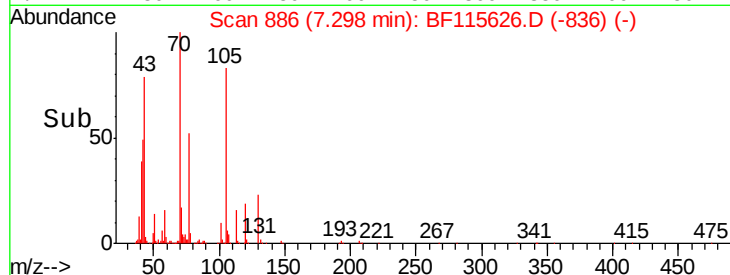
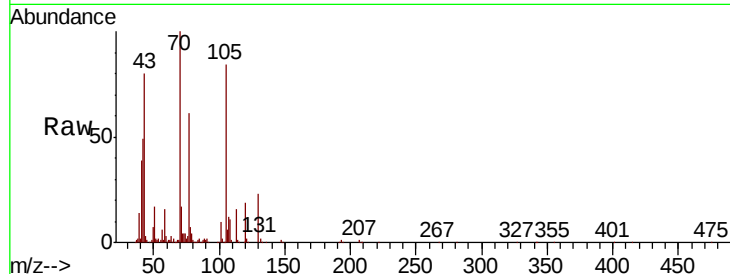
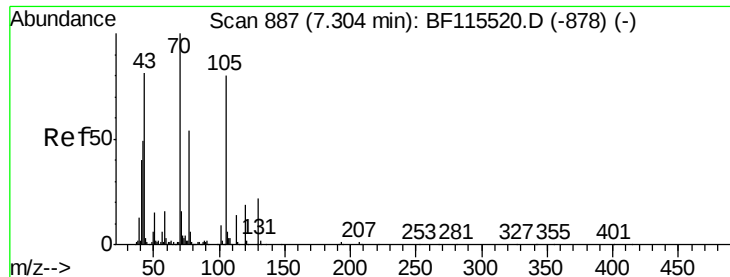
#18
Hexachloroethane
Concen: 29.938 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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



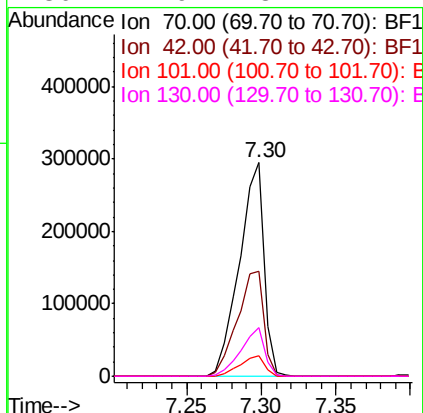
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#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

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



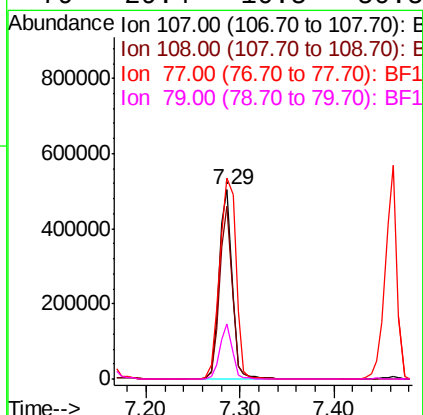
Instrument :
BNA_F
ClientSampleId :
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#20
3+4-Methylphenols
Concen: 35.411 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





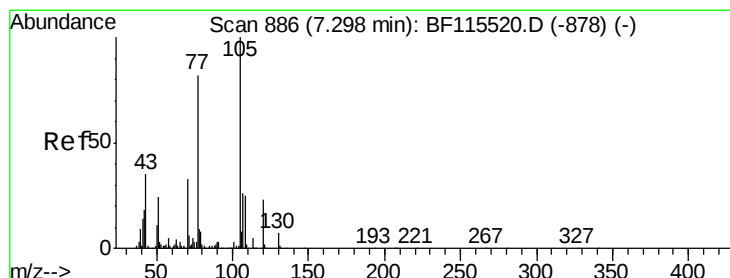
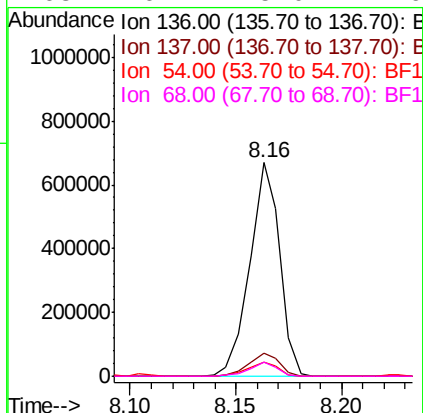
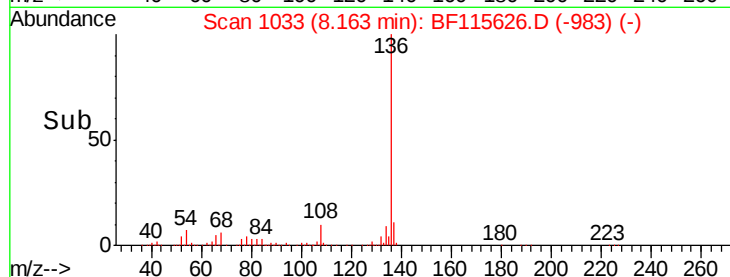
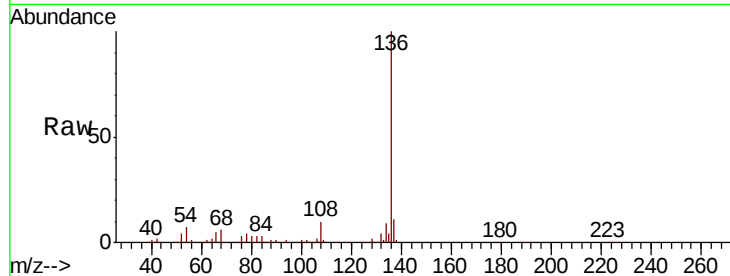
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

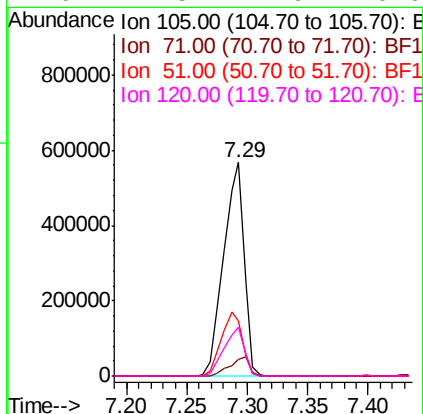
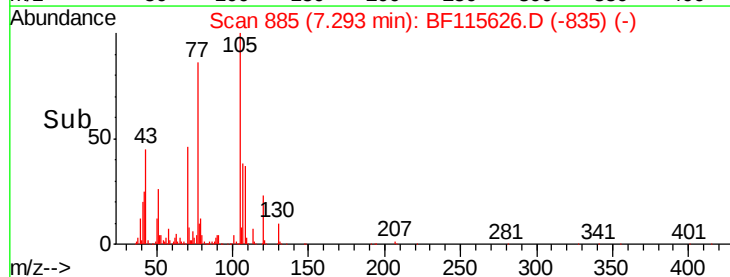
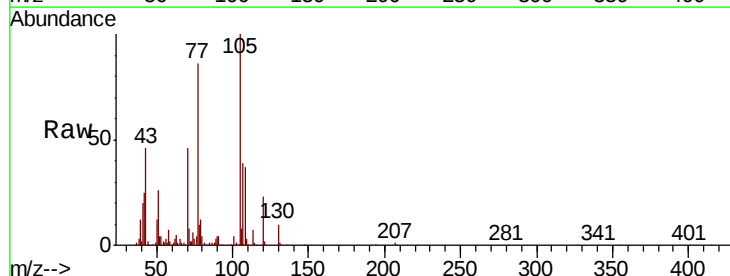
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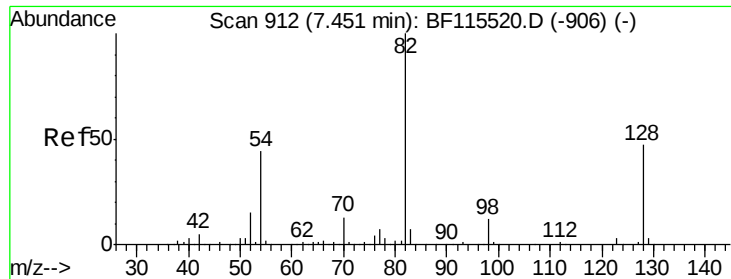
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#22
Acetophenone
Concen: 44.891 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





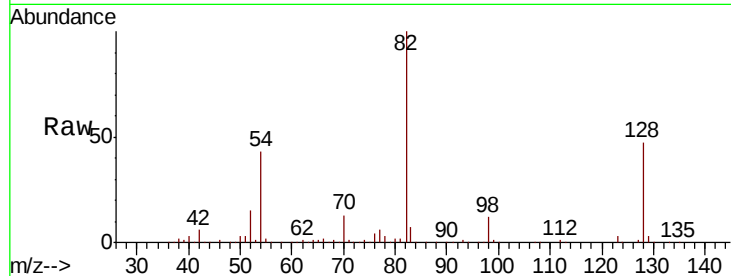
#23
Nitrobenzene-d5
Concen: 81.140 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

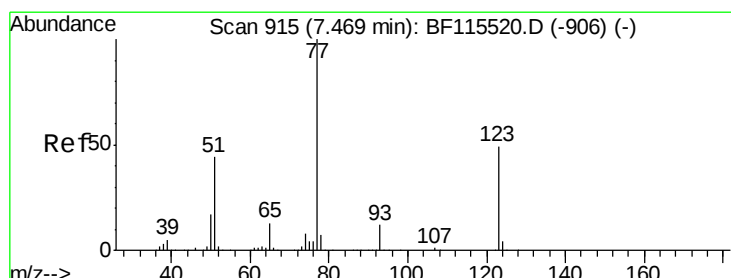
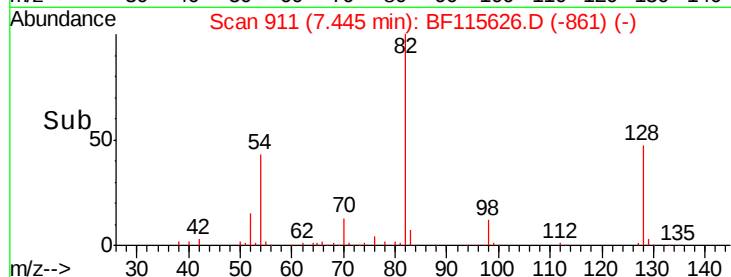
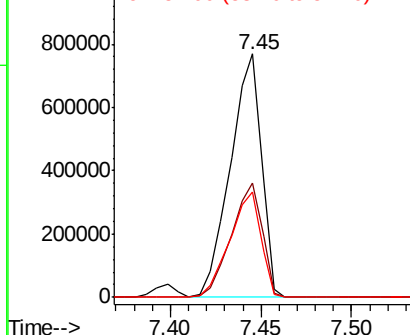
Tot Ion	82	Resp	918190
Ion Ratio	100	Lower	Upper
82	100		
128	47.2	38.6	57.8
54	43.4	35.6	53.4

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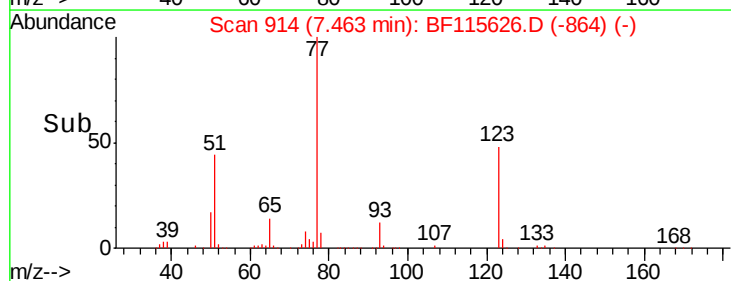
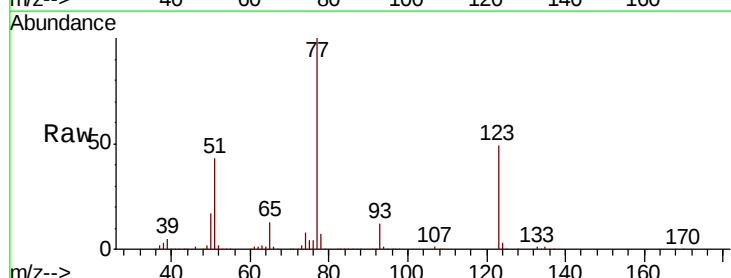
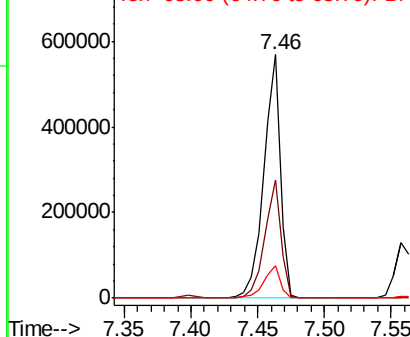
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#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	100	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): E
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

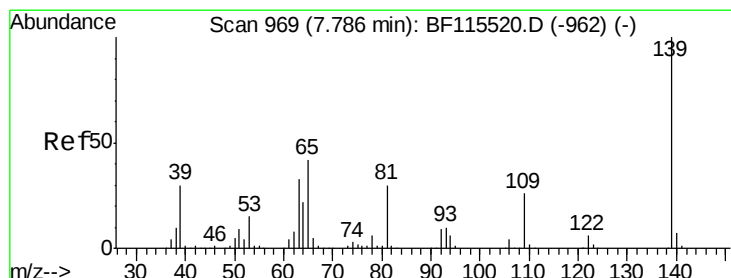
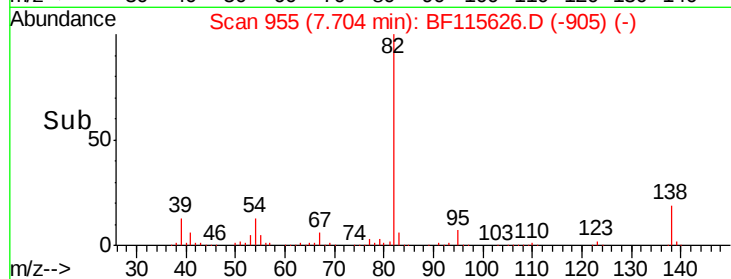
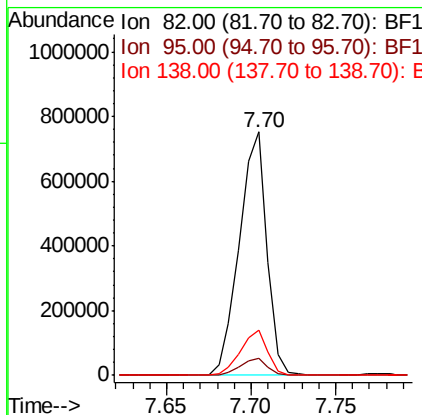
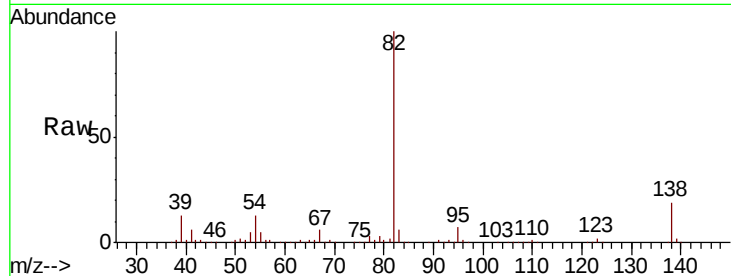
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tot Ion:	82	Resp:	858711
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 33.698 ng

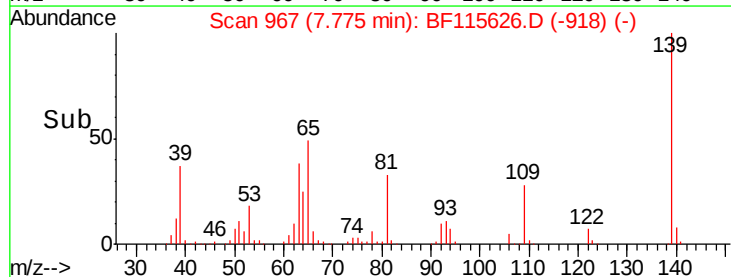
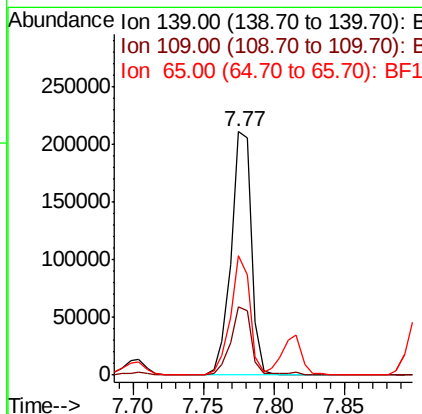
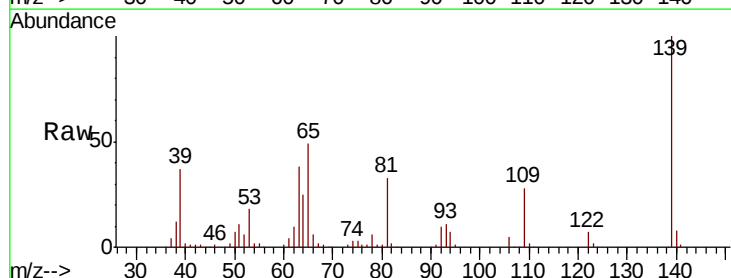
RT: 7.77 min Scan# 967

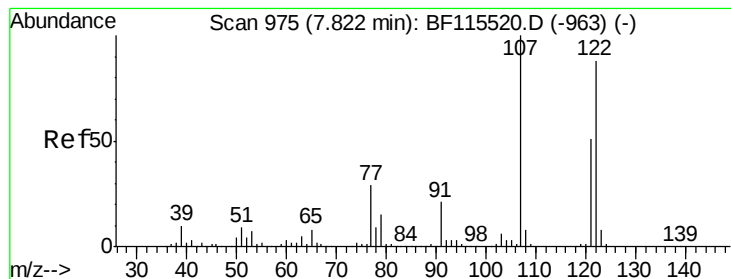
Delta R.T. -0.01 min

Lab File: BF115626.D

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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





#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

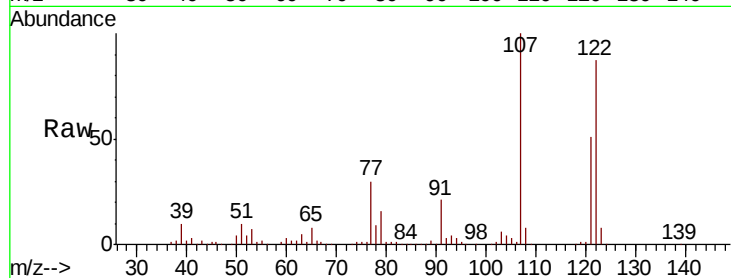
ClientSampleId :

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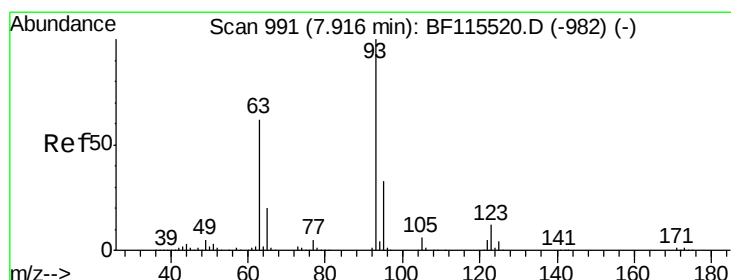
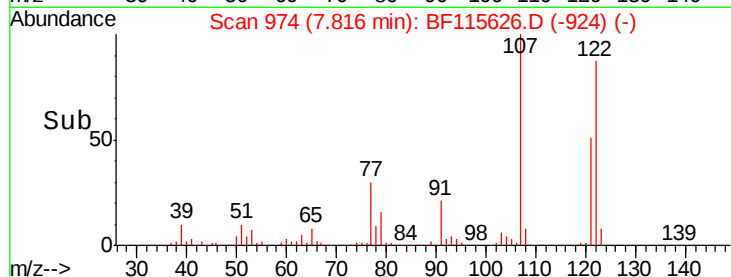
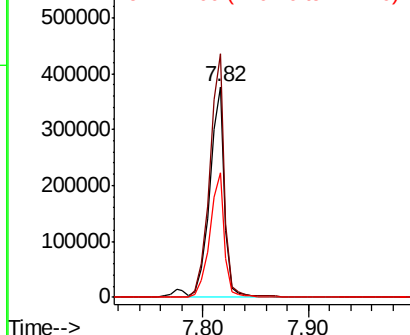
Tot Ion:	122	Resp:	367792
Ion Ratio	Lower	Upper	
122	100		
107	115.4	92.9	139.3
121	58.8	46.9	70.3

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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

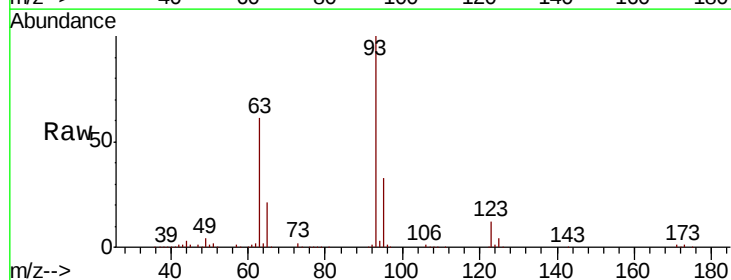
RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

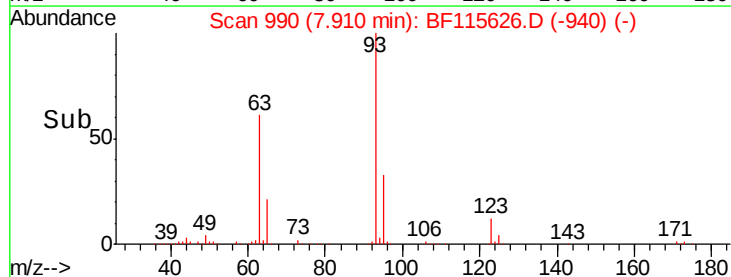
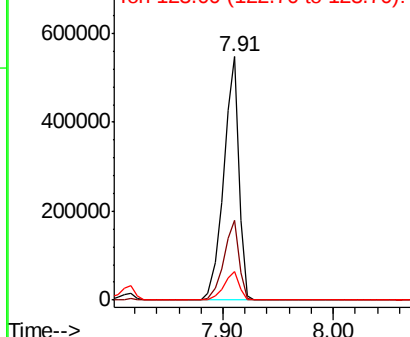
Lab File: BF115626.D

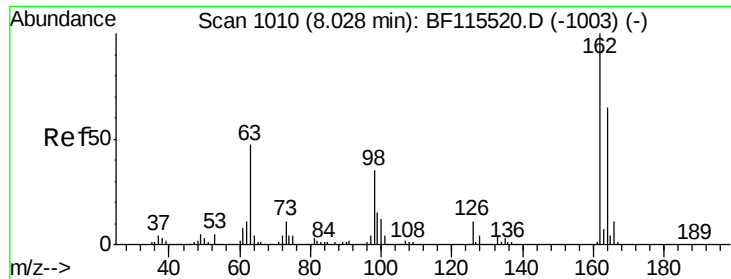
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Tgt Ion:	93	Resp:	528652
Ion Ratio	Lower	Upper	
93	100		
95	33.0	27.0	40.4
123	11.8	9.9	14.9



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





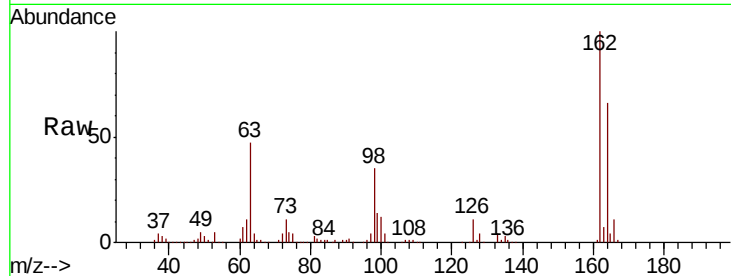
#29
2,4-Dichlorophenol
Concen: 37.095 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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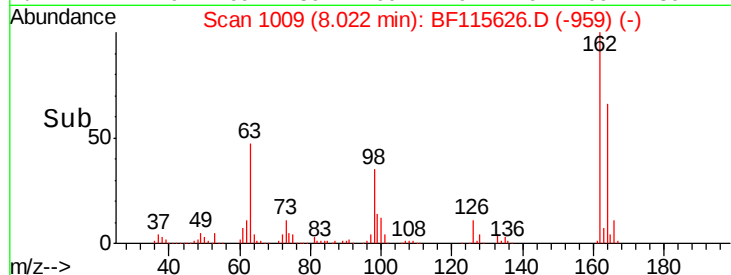
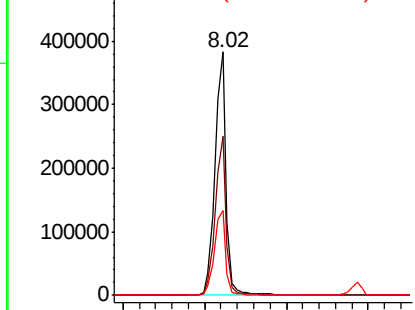
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.6	44.9	84.9	
98	35.0	17.7	57.7	

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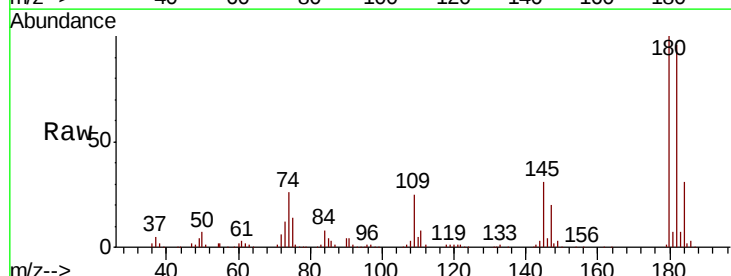
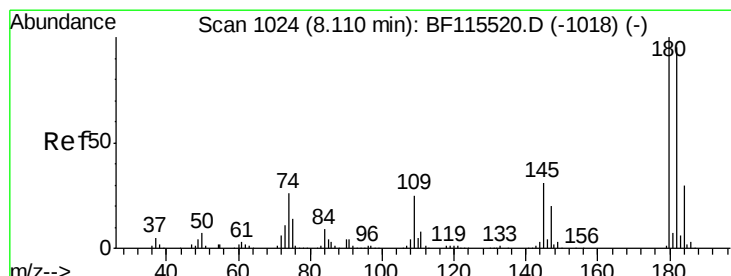
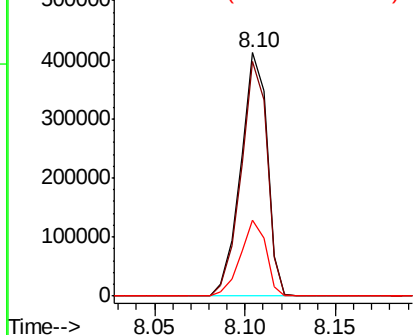
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

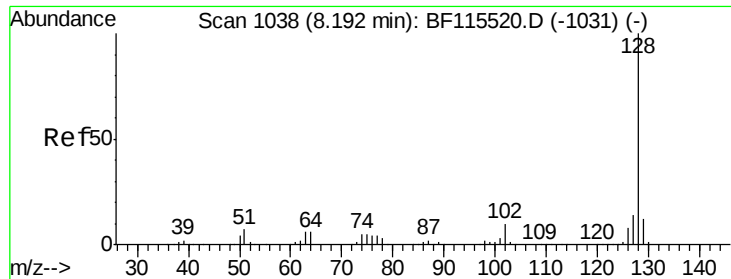


#30
1,2,4-Trichlorobenzene
Concen: 37.841 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Resp	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





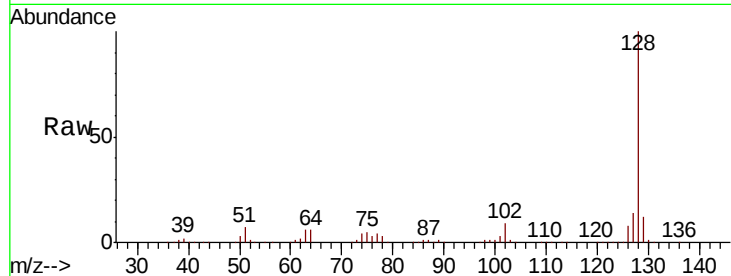
#31
Naphthalene
Concen: 39.698 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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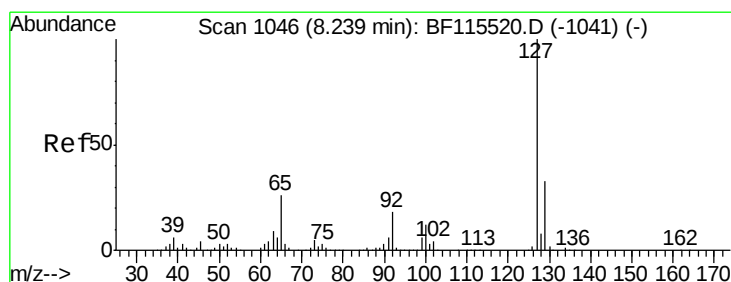
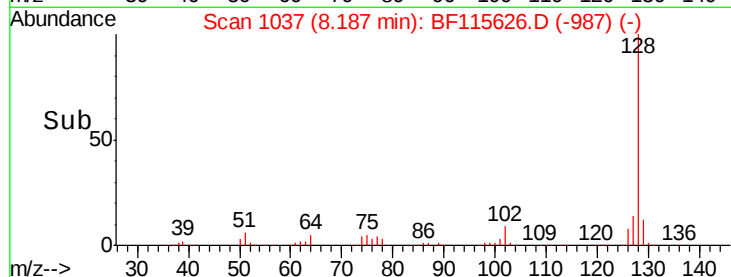
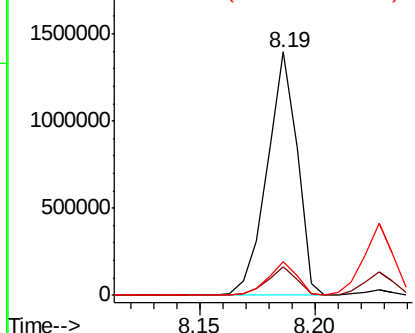
Tot Ion:128 Resp: 1265046
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.7 12.1 18.1

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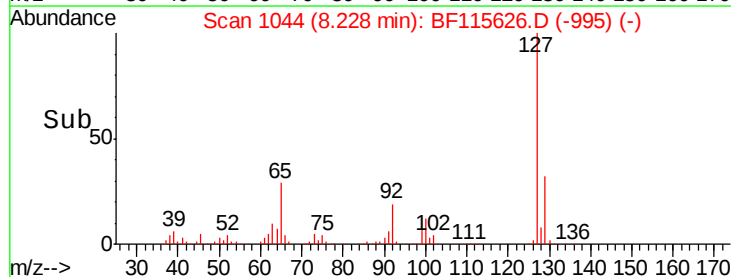
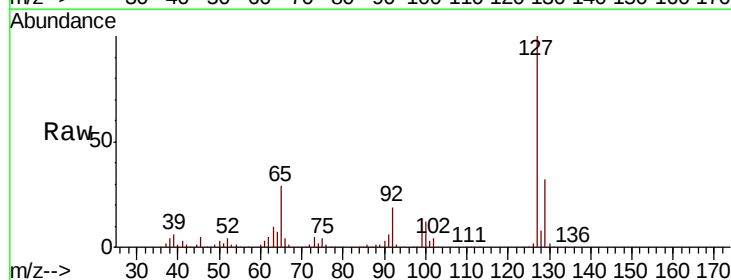
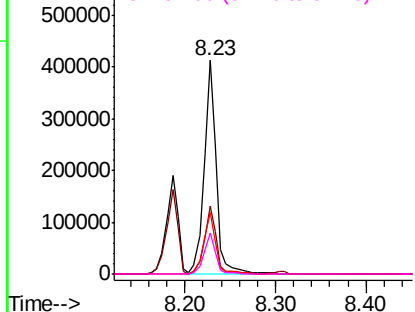
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

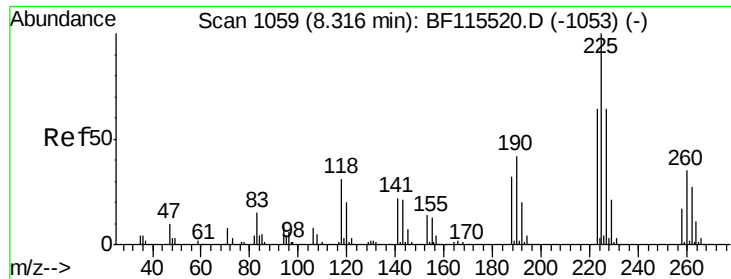


#33
4-Chloroaniline
Concen: 27.575 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

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





#34

Hexachlorobutadiene

Concen: 37.640 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF115626.D

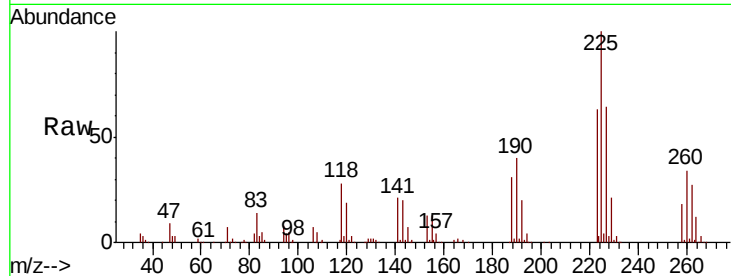
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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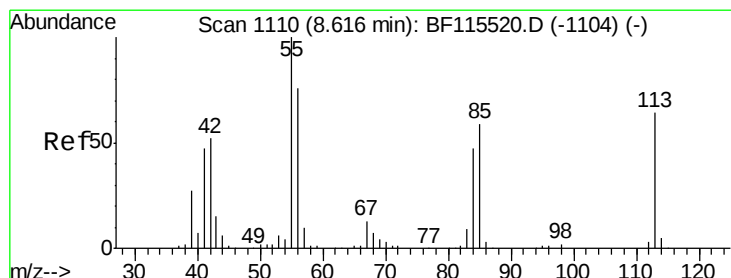
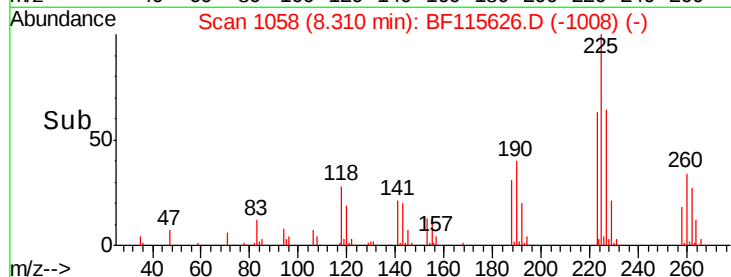
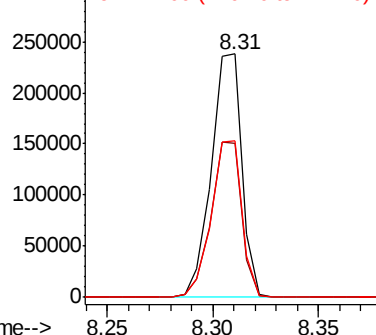
Tot Ion:	225	Resp:	238518
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.9	76.3
227	64.2	50.7	76.1

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



#35

Caprolactam

Concen: 21.614 ng m

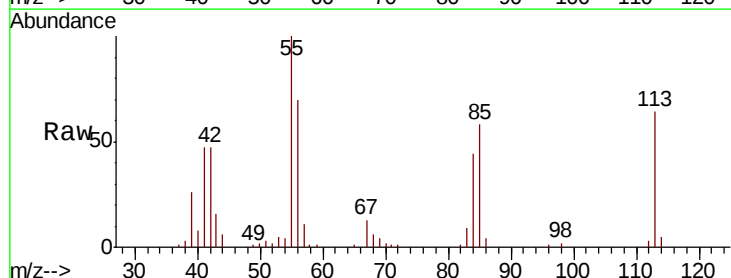
RT: 8.59 min Scan# 1105

Delta R.T. -0.03 min

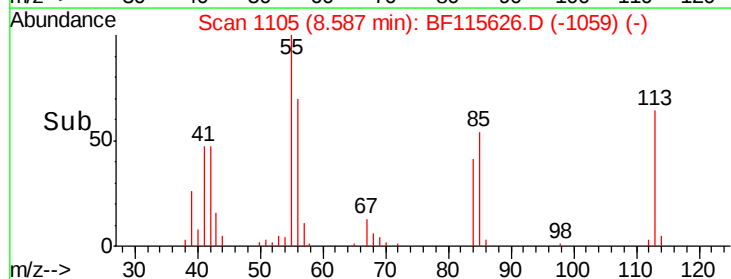
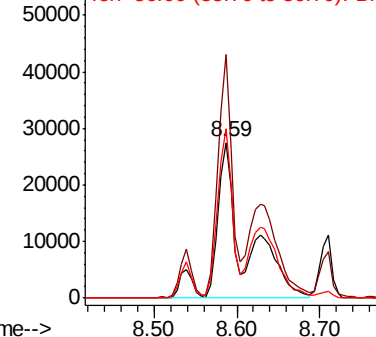
Lab File: BF115626.D

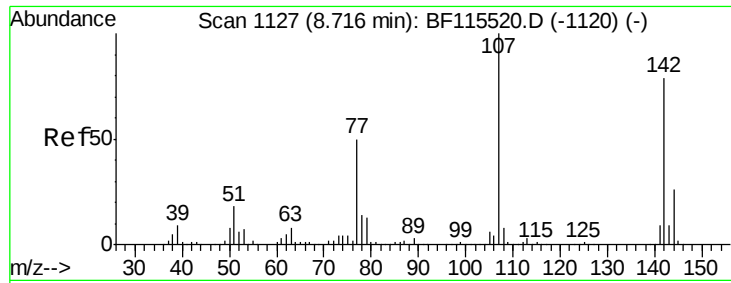
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Tgt Ion:	113	Resp:	65293
Ion Ratio	Lower	Upper	
113	100		
55	156.1	126.9	166.9
56	108.9	90.3	130.3



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





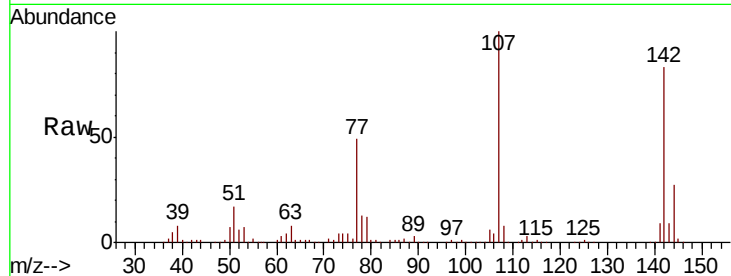
#36
 4-Chloro-3-methylphenol
 Concen: 38.223 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
107	100	387603		
144	26.6		20.6	30.8
142	82.6		63.1	94.7

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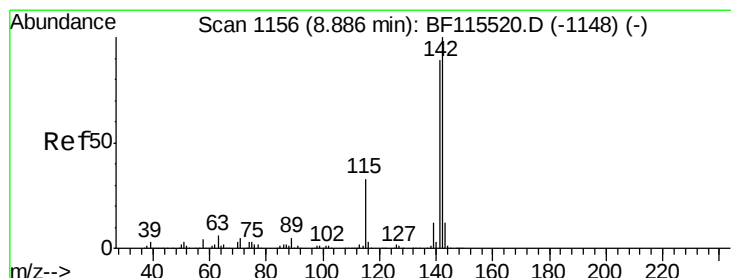
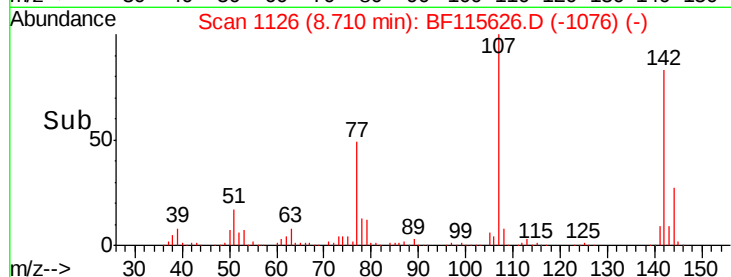
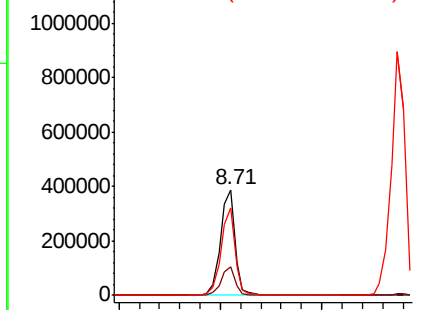


Abundance

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

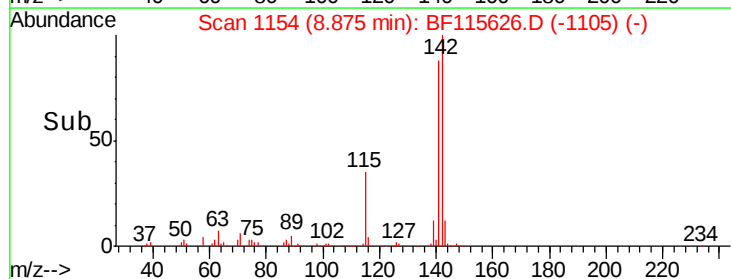
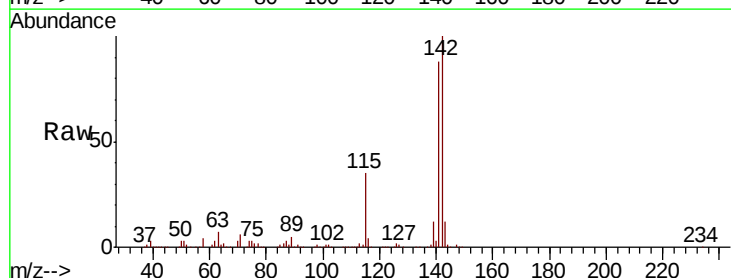
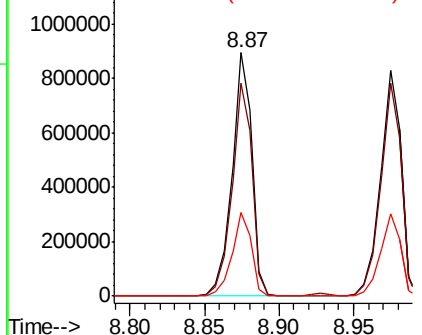
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	837367		
141	87.6		72.0	108.0
115	34.6		29.9	44.9

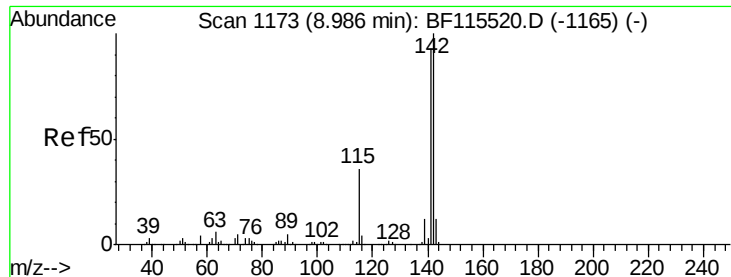
Abundance

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





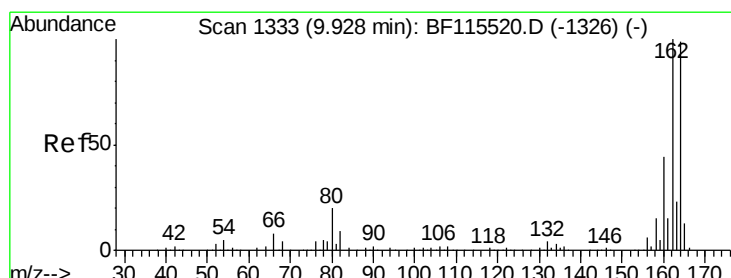
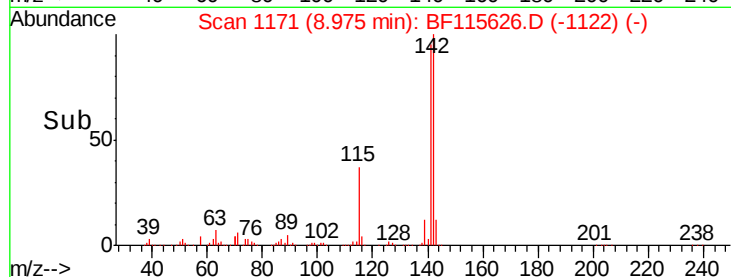
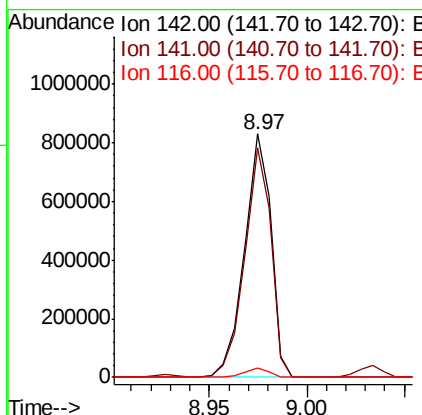
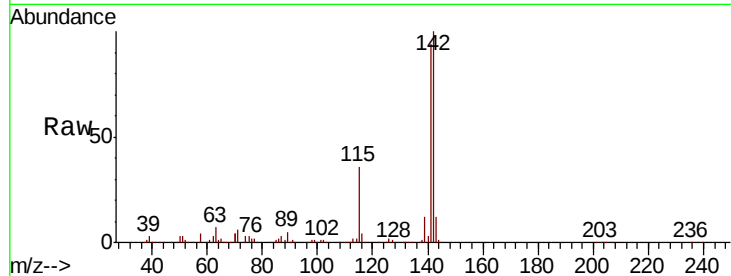
#38
1-Methylnaphthalene
Concen: 38.997 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.3	112.9
116	3.8	3.3	4.9

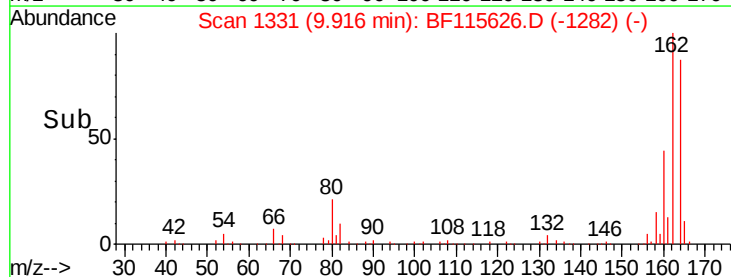
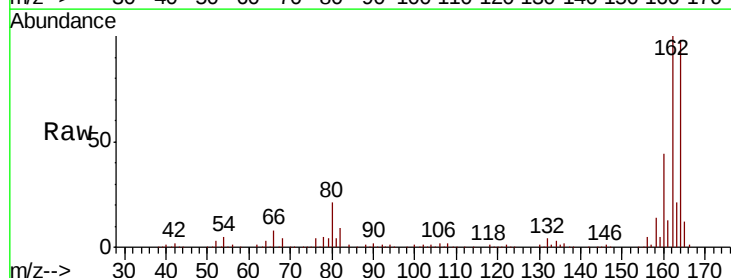
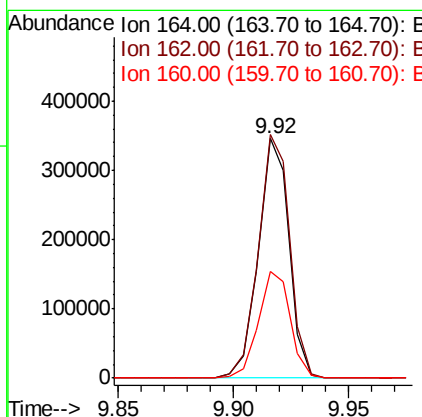
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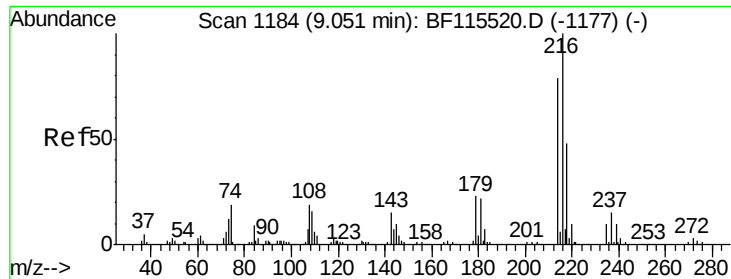
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





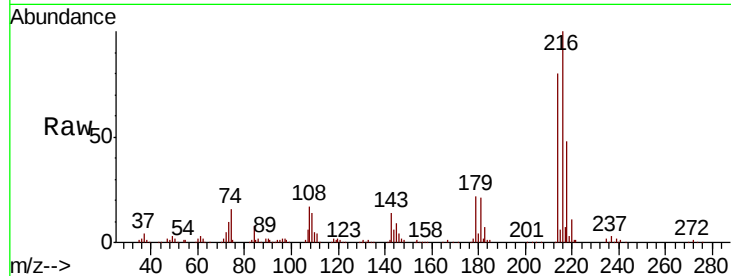
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.049 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

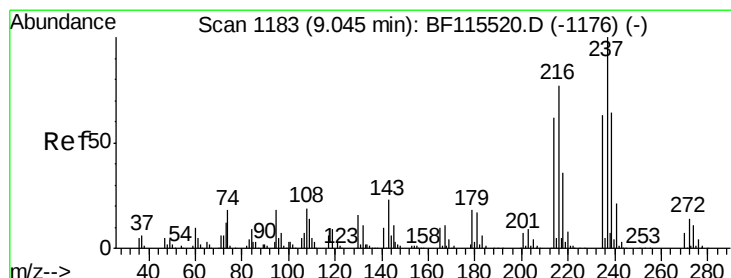
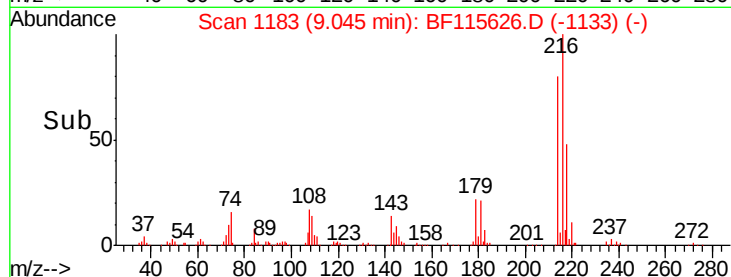
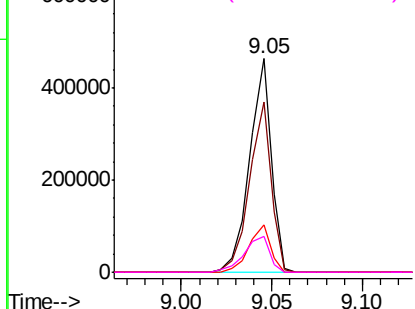
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		386092		
214	79.7		65.1	97.7	
179	22.2		18.3	27.5	
108	19.8		15.7	23.5	

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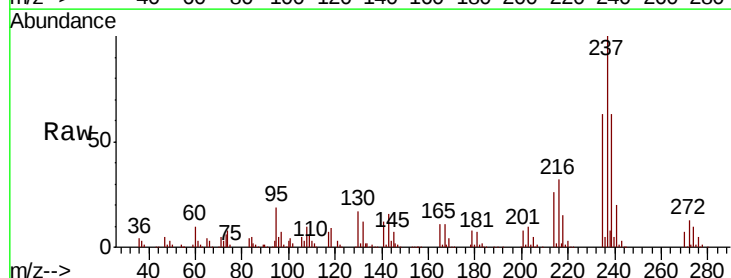


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

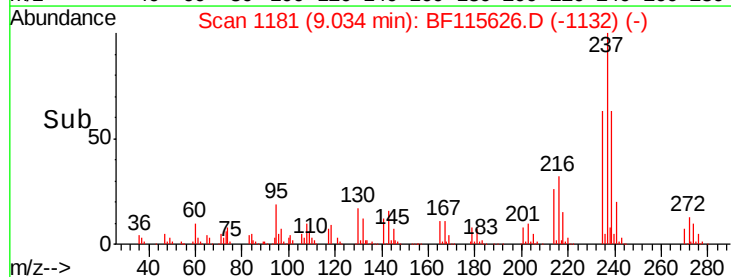
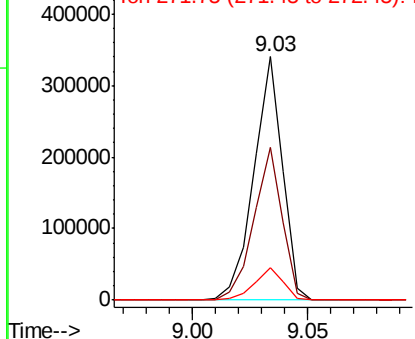


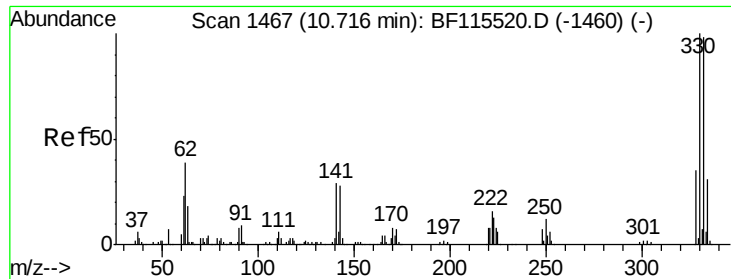
#41
Hexachlorocyclopentadiene
Concen: 53.475 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		294076		
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

Instrument :

BNA_F

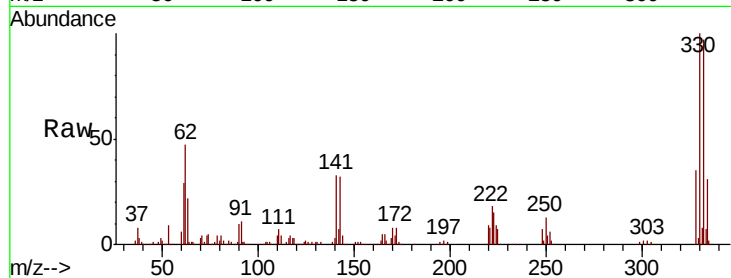
ClientSampleId :

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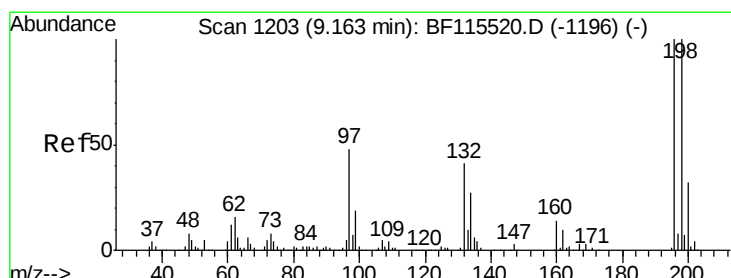
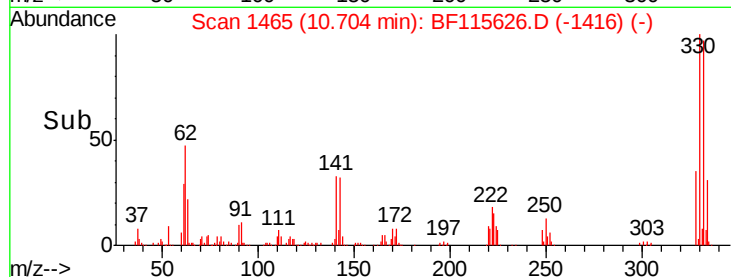
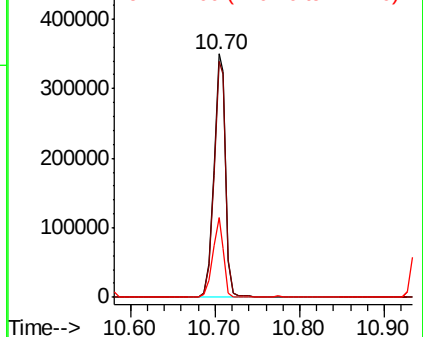
Tot Ion:	330	Resp:	348137
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.2
141	30.5	22.4	33.6

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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

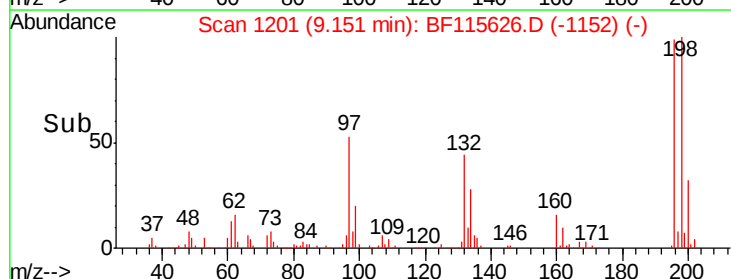
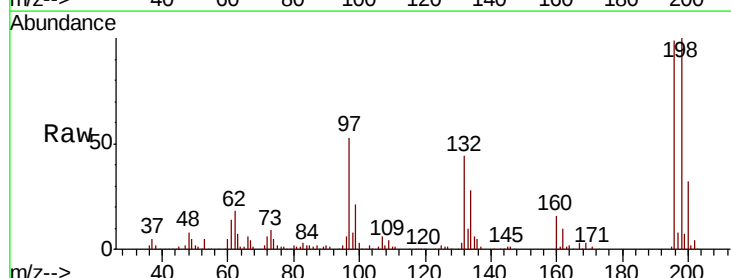
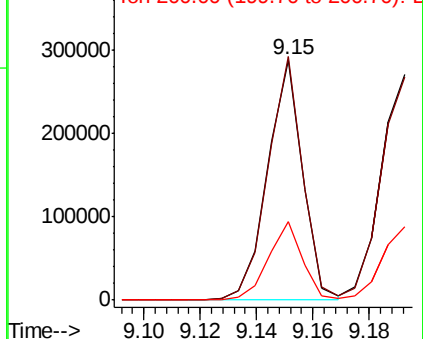
Delta R.T. -0.01 min

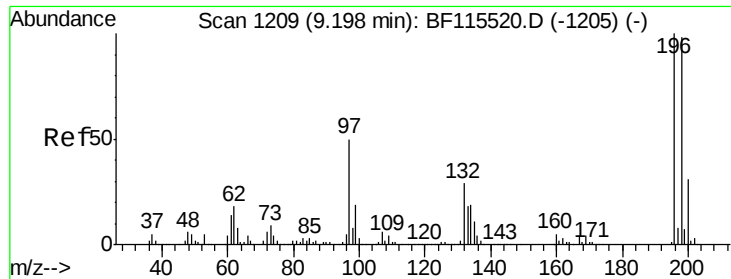
Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

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

Instrument :

BNA_F

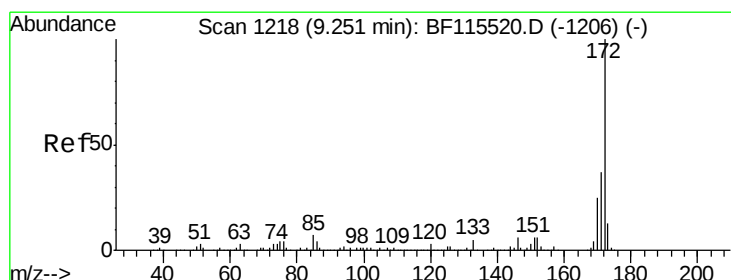
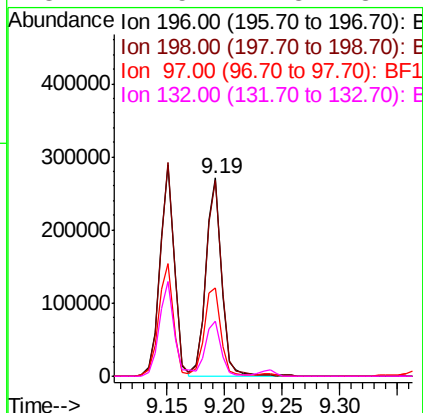
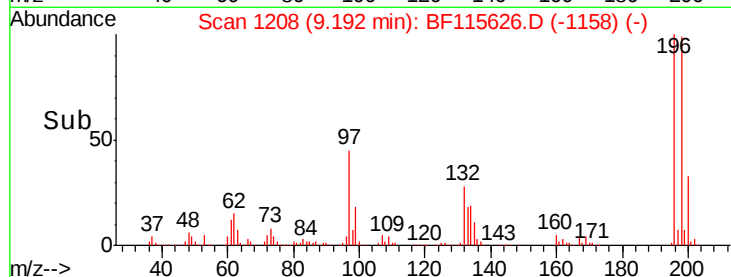
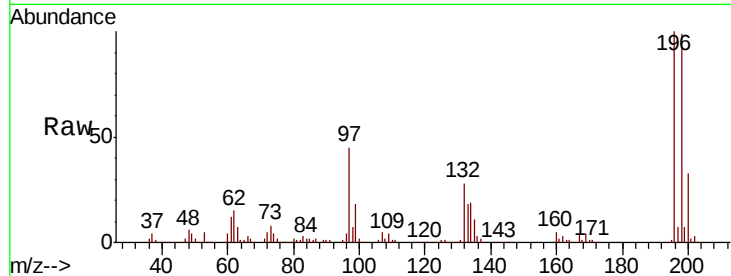
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
196	100	257307		
198	98.8	79.6	119.4	
97	44.9	37.8	56.6	
132	27.5	22.8	34.2	

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#45

2-Fluorobiphenyl

Concen: 87.112 ng

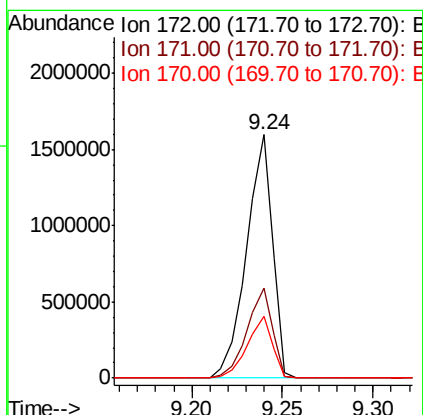
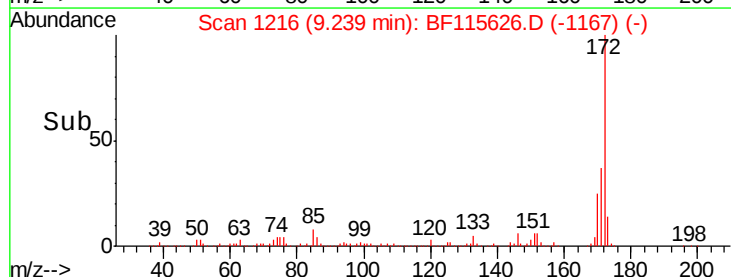
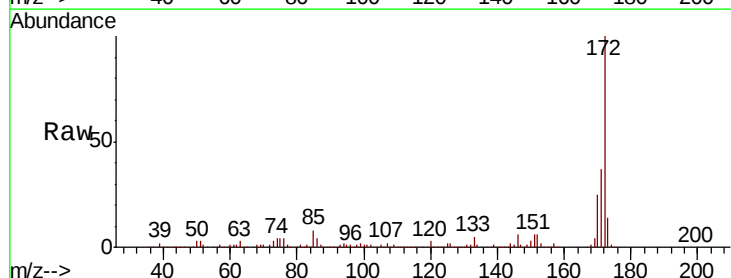
RT: 9.24 min Scan# 1216

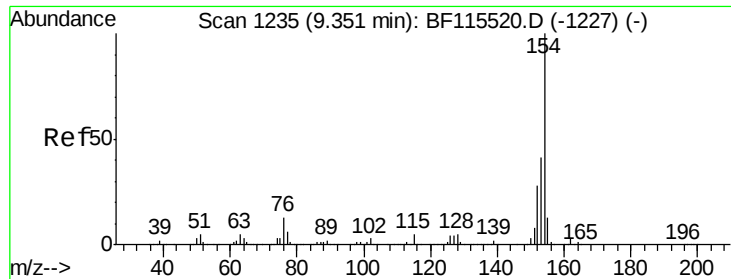
Delta R.T. -0.01 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

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





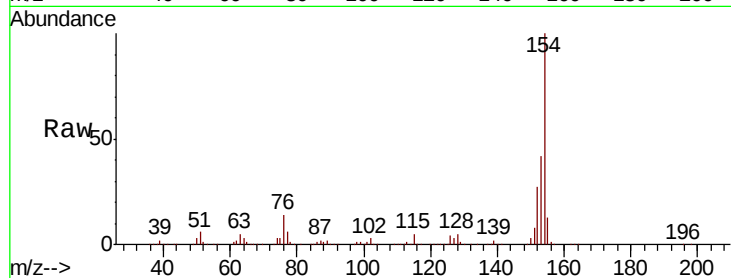
#46
1,1'-Biphenyl
Concen: 40.653 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

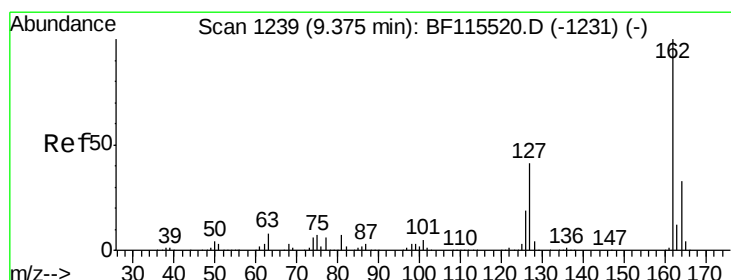
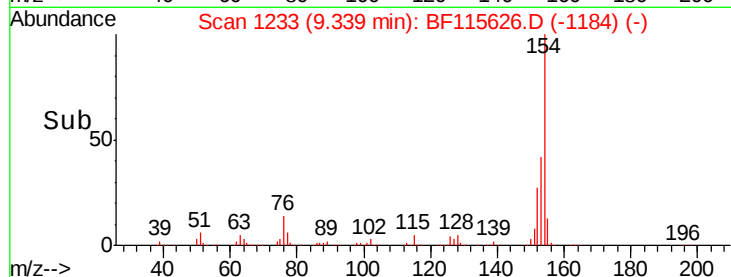
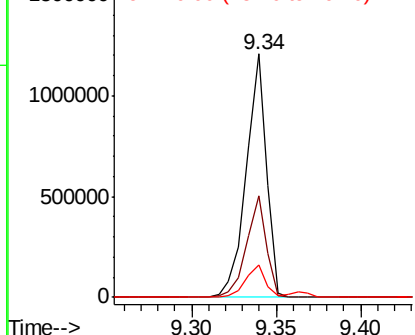
Tot Ion:154 Resp: 1017479
Ion Ratio Lower Upper
154 100
153 41.7 22.6 62.6
76 13.5 0.0 33.4

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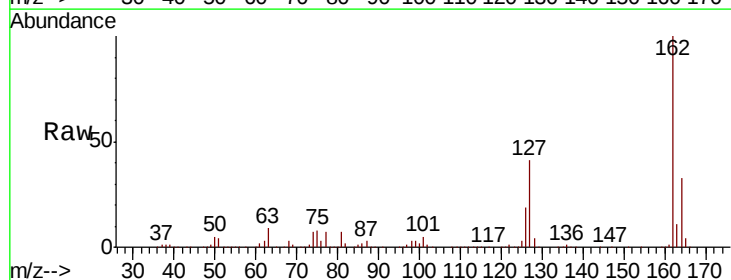


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

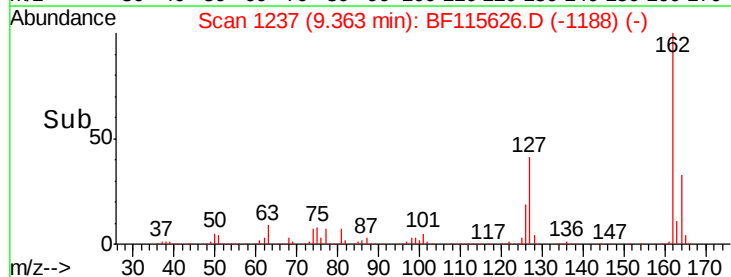
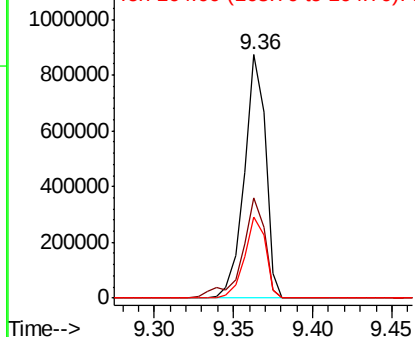


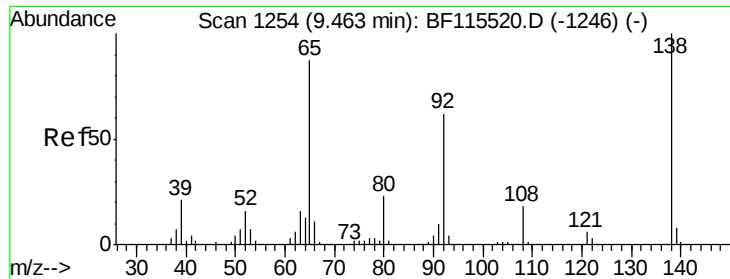
#47
2-Chloronaphthalene
Concen: 38.690 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





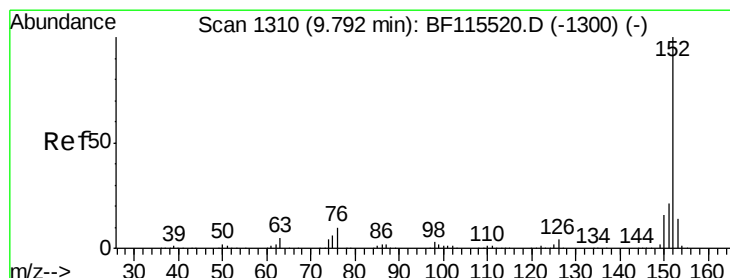
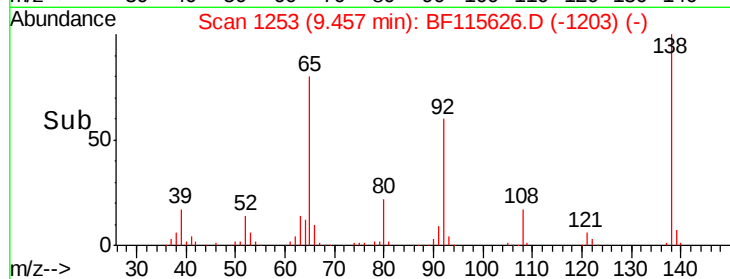
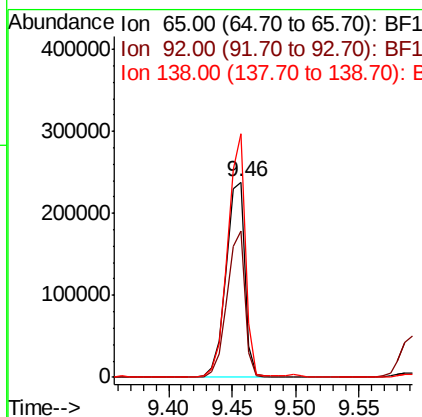
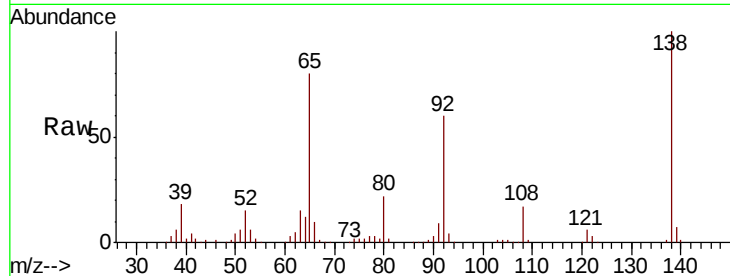
#48
 2-Nitroaniline
 Concen: 38.061 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.8	86.6
138	124.5	91.2	136.8

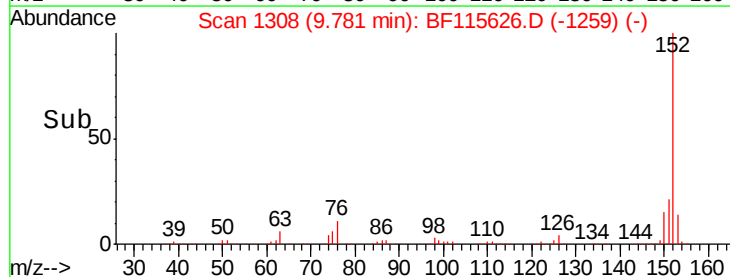
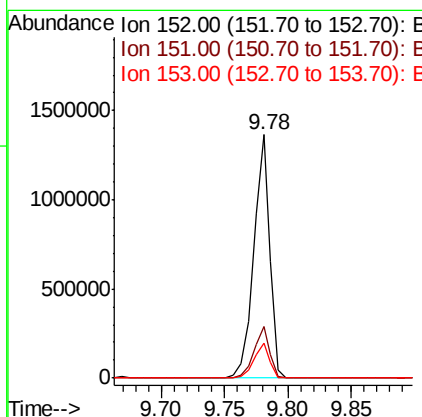
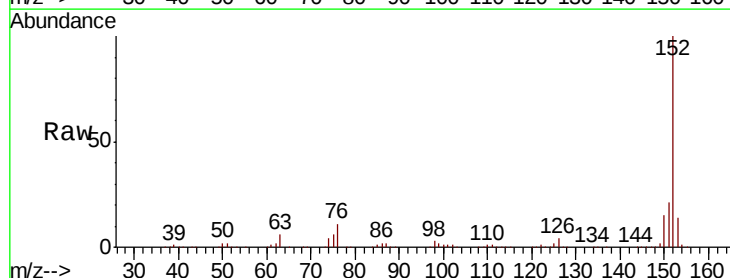
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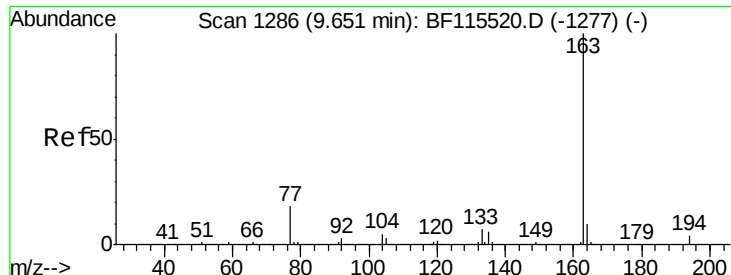
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#49
 Acenaphthylene
 Concen: 39.175 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.7	26.5
153	14.4	12.0	18.0





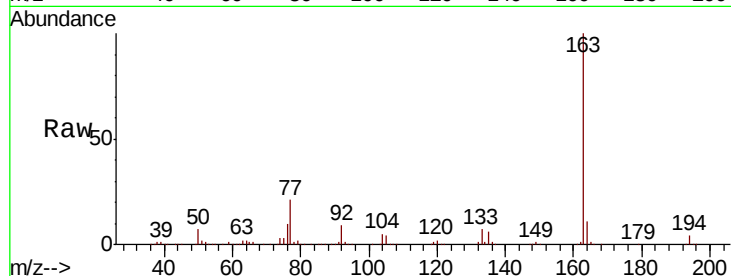
#50
Dimethylphthalate
Concen: 49.564 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

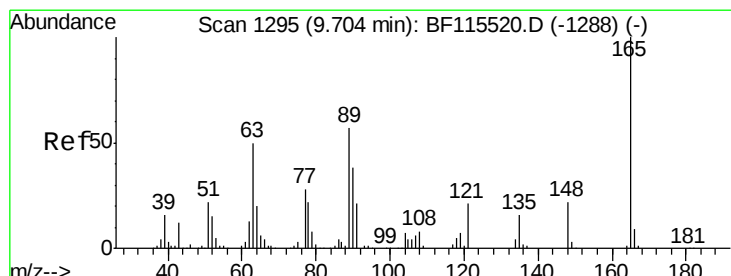
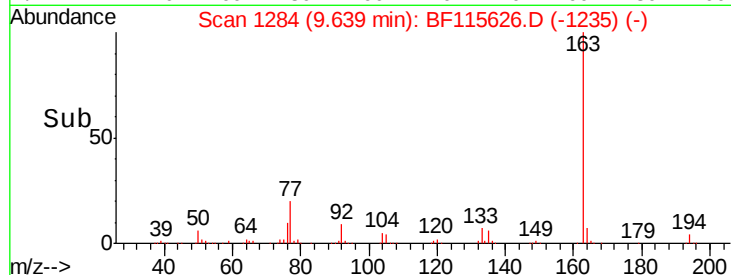
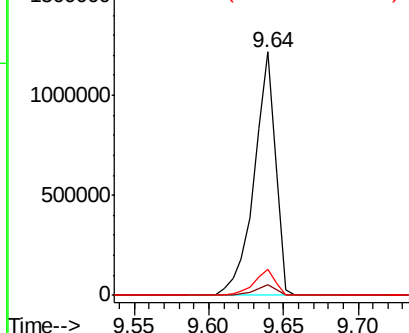
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.7	8.7	13.1

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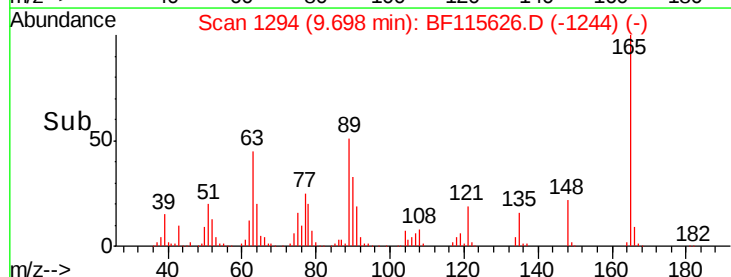
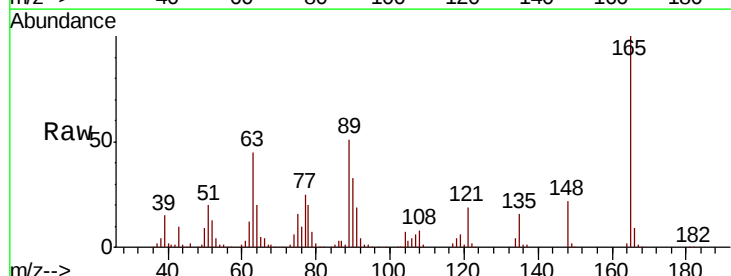
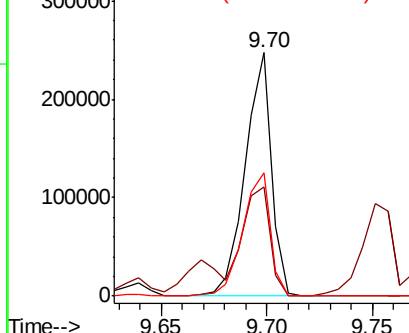
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

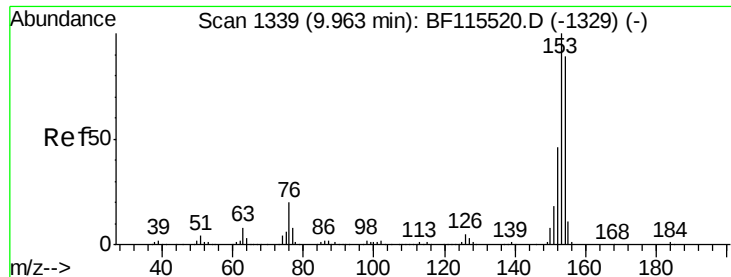


#51
2,6-Dinitrotoluene
Concen: 39.004 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt 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

Instrument :

BNA_F

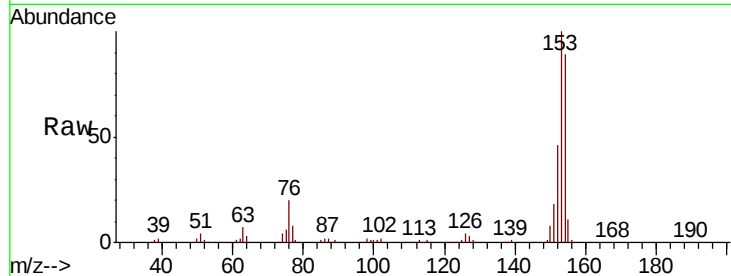
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

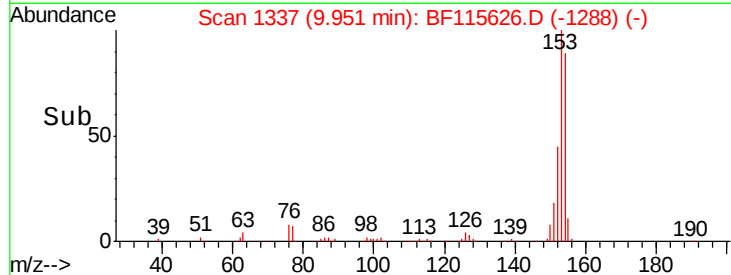
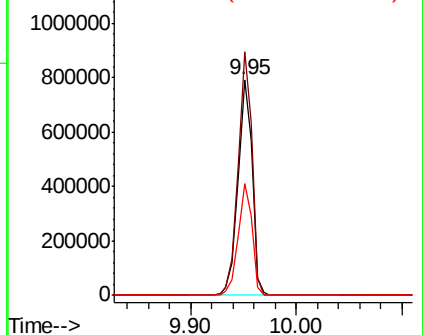
Tot Ion:	154	Resp:	719168
Ion Ratio	Lower	Upper	
154	100		
153	112.7	88.6	133.0
152	51.7	42.3	63.5

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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

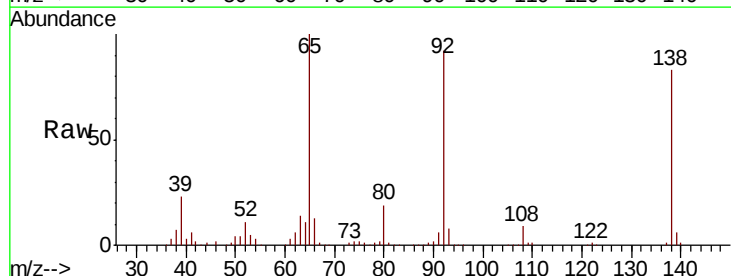
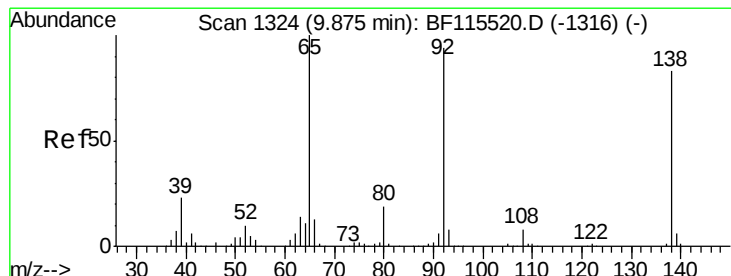
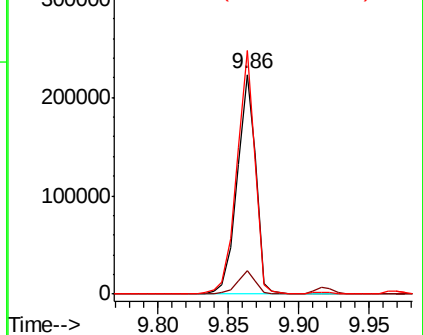
Delta R.T. -0.01 min

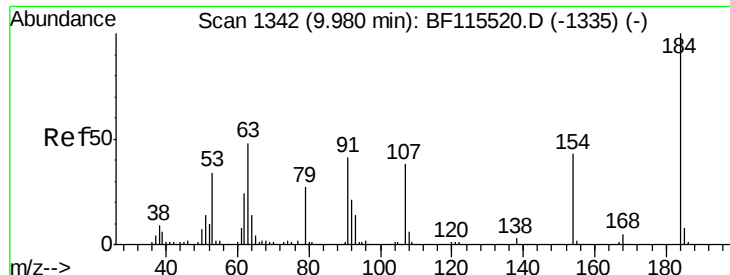
Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

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





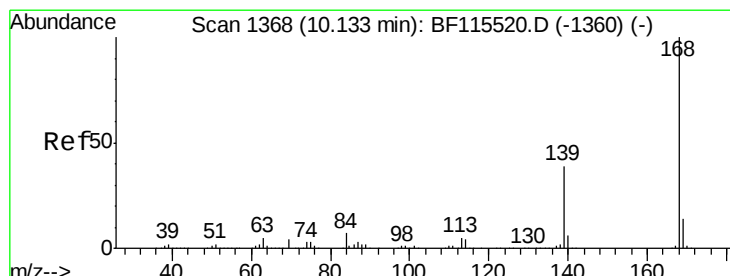
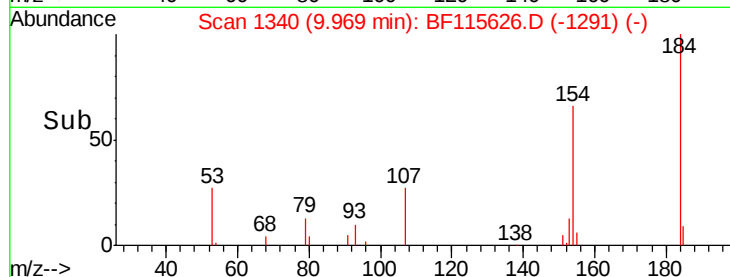
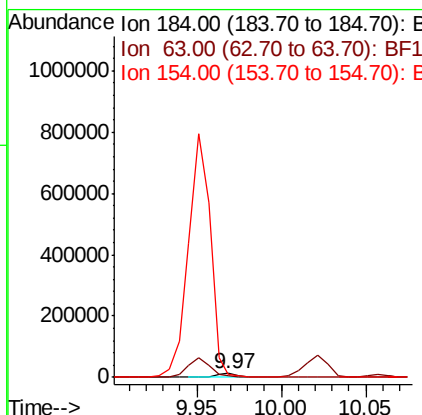
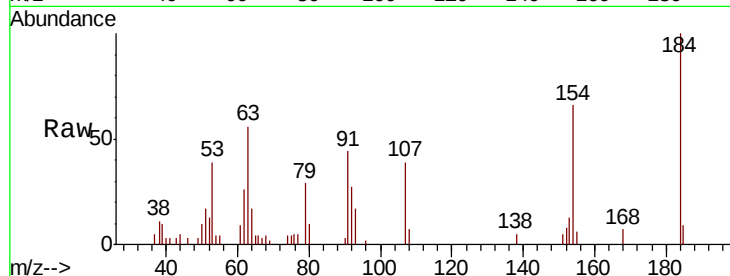
#54
2,4-Dinitrophenol
Concen: 4.604 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	12939		
63	55.8	48.7	73.1	
154	66.4	48.6	73.0	

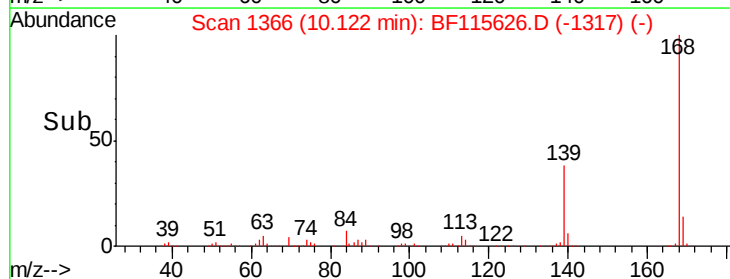
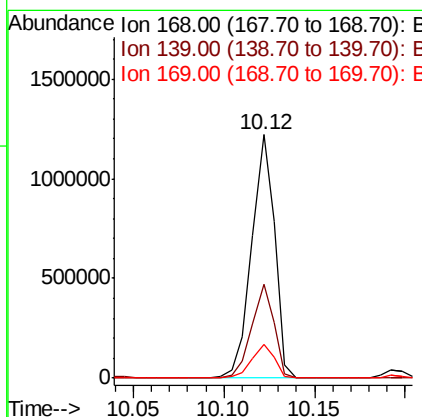
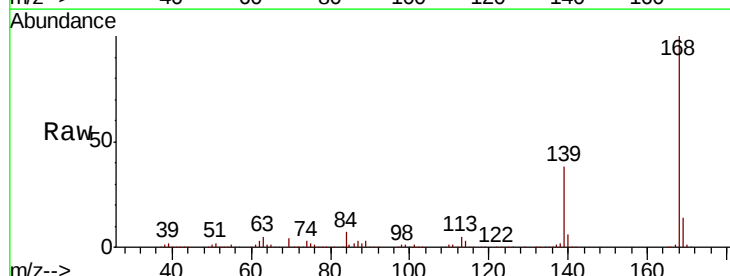
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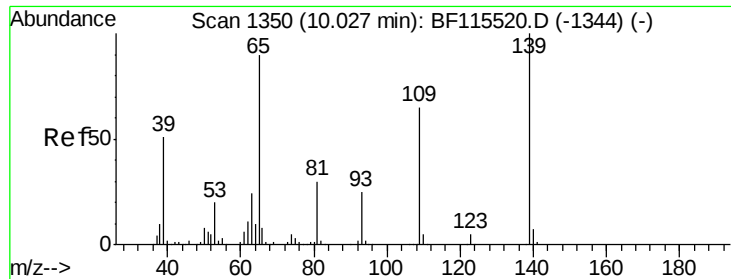
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#55
Dibenzofuran
Concen: 38.003 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





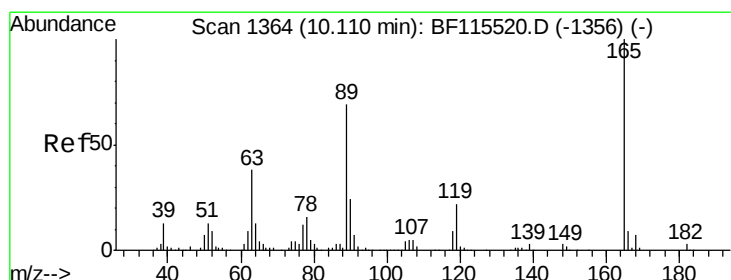
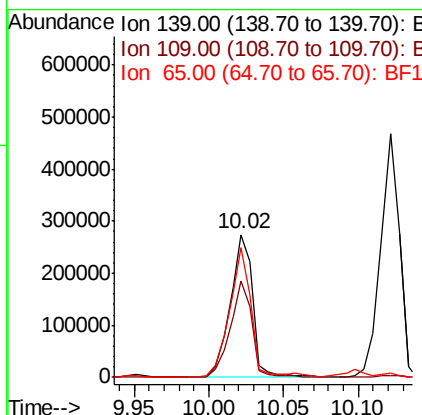
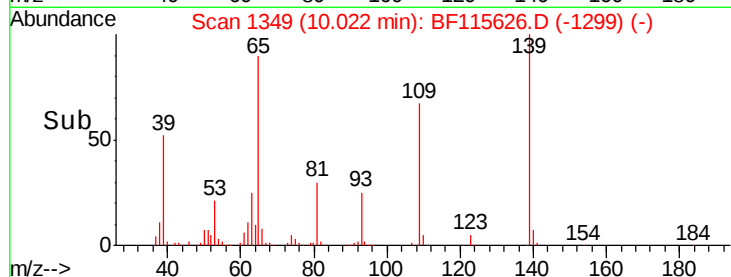
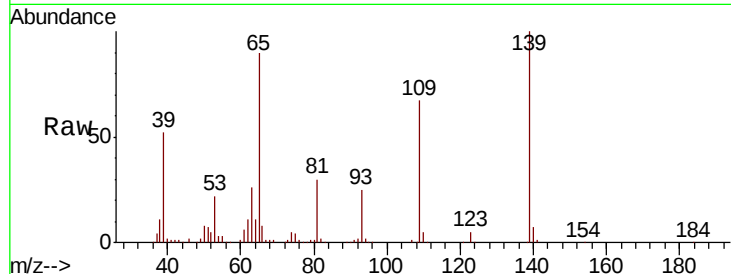
#56
4-Nitrophenol
Concen: 61.243 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	292125		
109	67.4	46.4	86.4	
65	90.3	68.9	108.9	

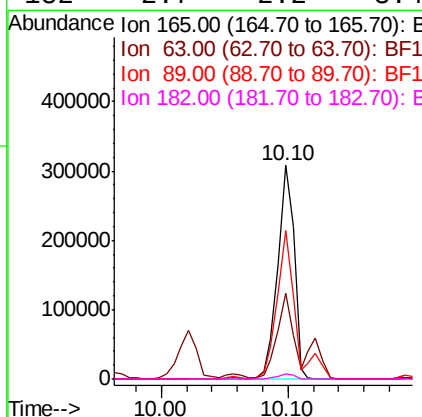
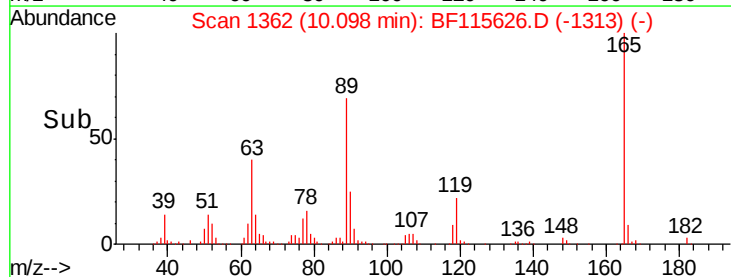
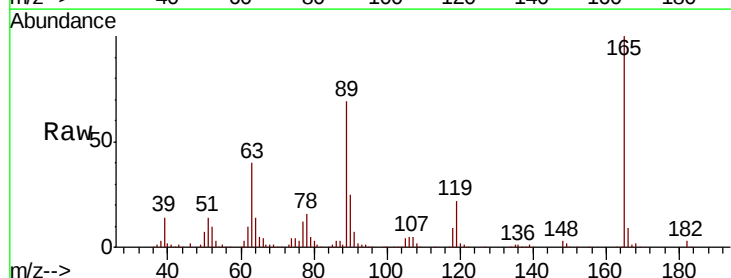
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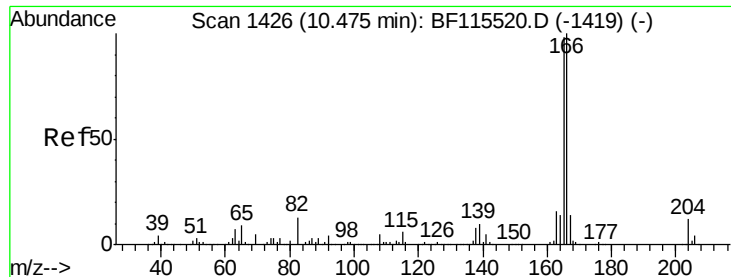
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#57
2,4-Dinitrotoluene
Concen: 38.921 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	276007		
63	40.0	34.9	52.3	
89	69.3	57.5	86.3	
182	2.7	2.2	3.4	





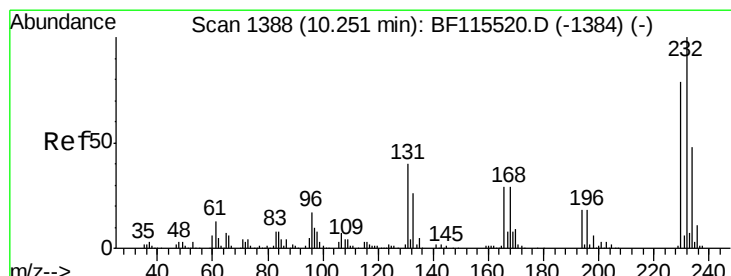
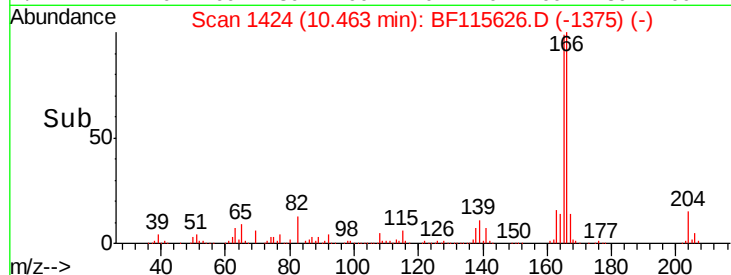
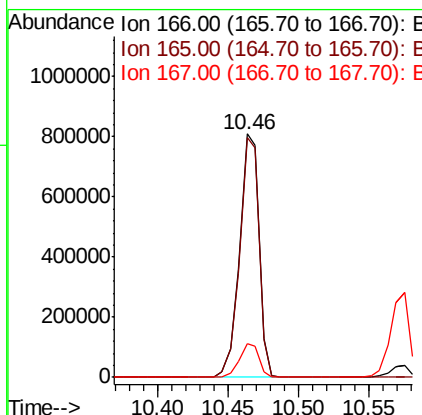
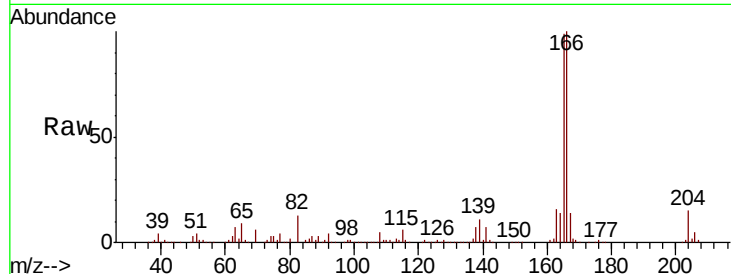
#58
 Fluorene
 Concen: 38.226 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	773693		
165	98.6	79.8	119.6	
167	13.9	11.2	16.8	

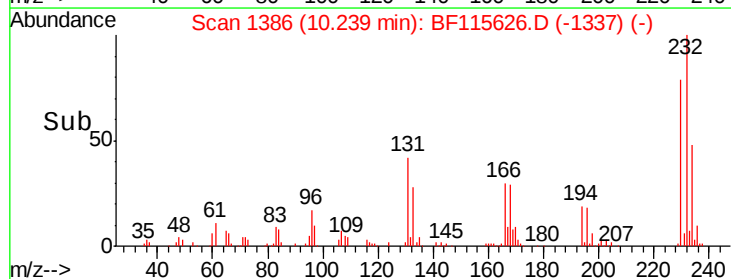
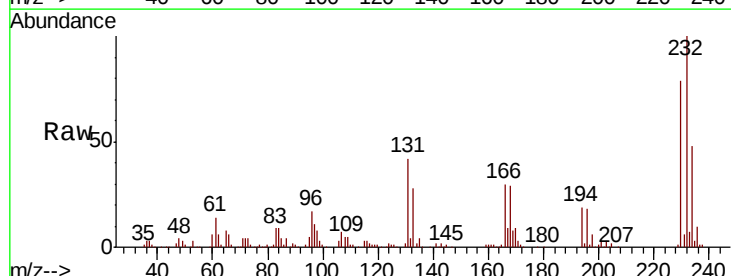
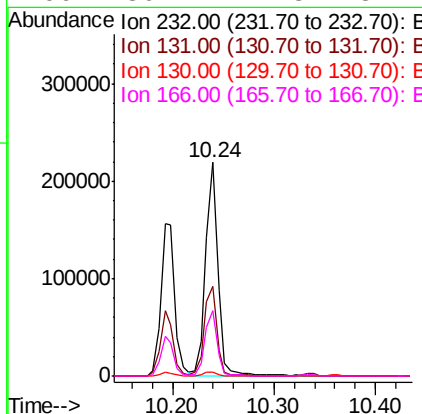
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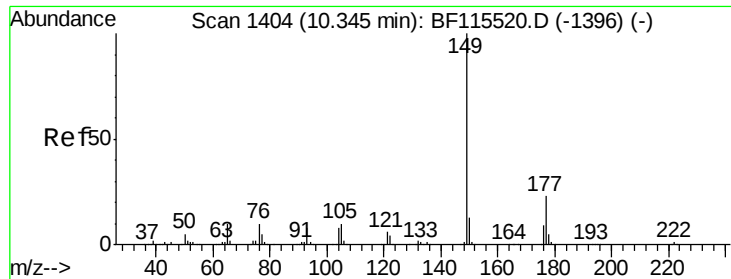
mohammad
 7/19/2019 2:25:55 PM



#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

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





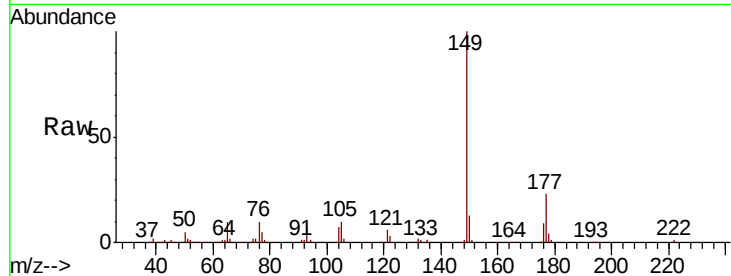
#60
Diethylphthalate
Concen: 39.534 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

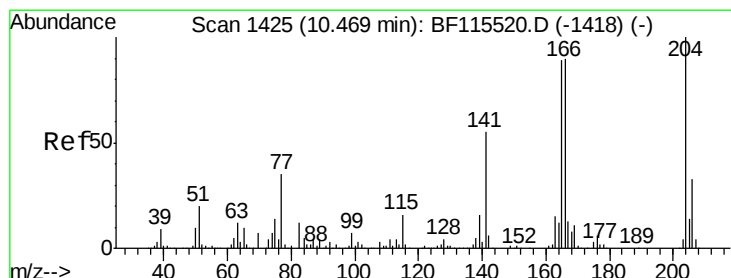
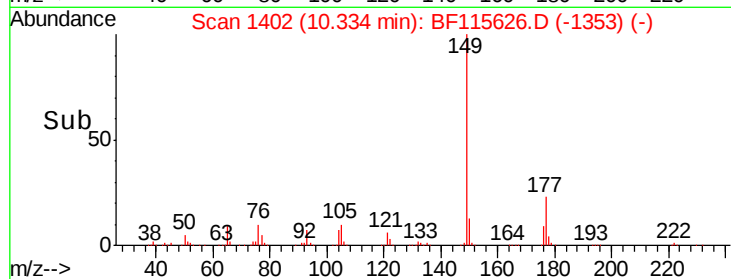
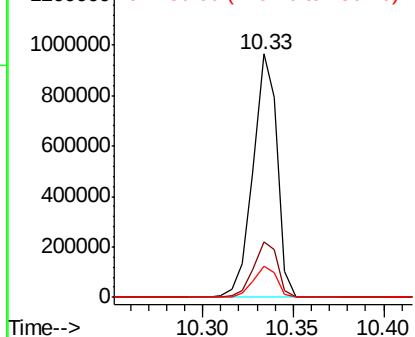
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.5	29.3
150	12.8	10.4	15.6

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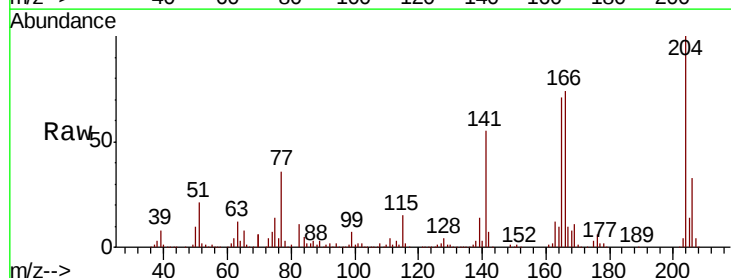


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

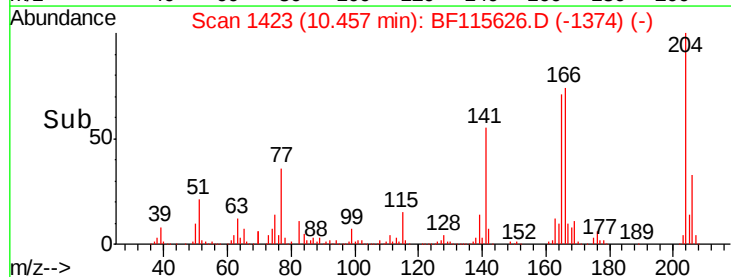
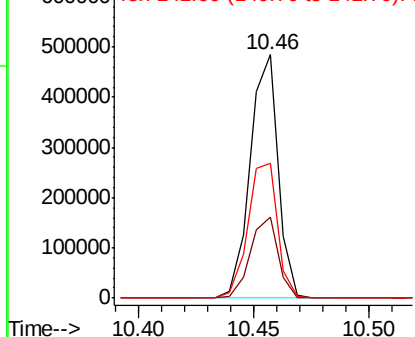


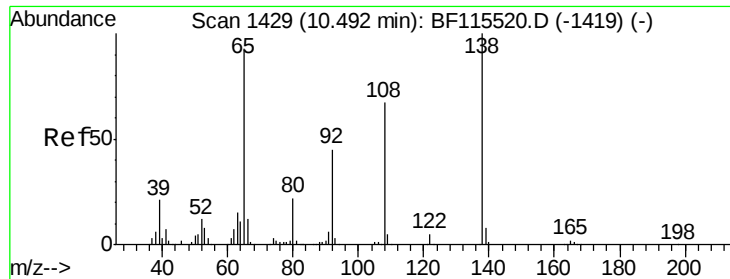
#61
4-Chlorophenyl-phenylether
Concen: 36.683 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt 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





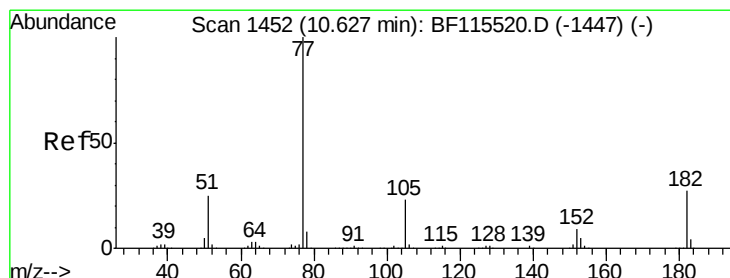
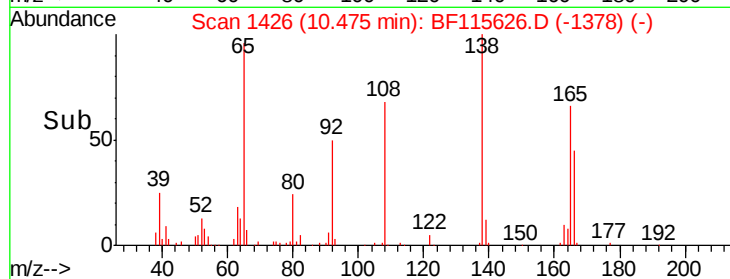
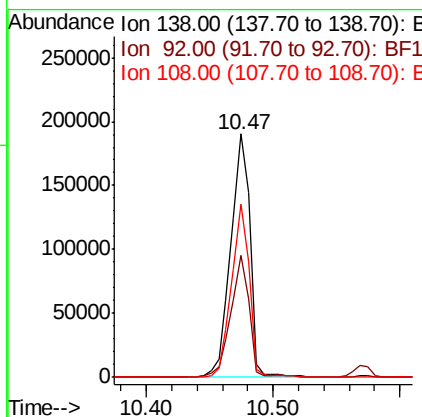
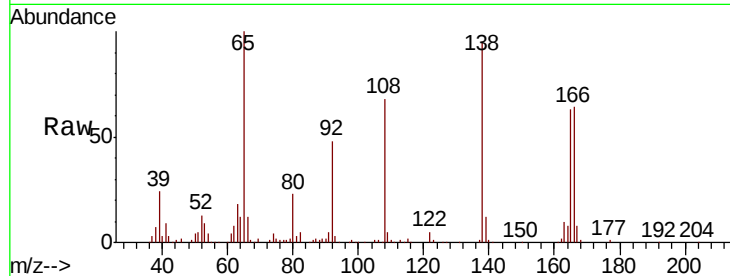
#62
4-Nitroaniline
Concen: 33.192 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	199152		
92	49.9	27.1	67.1	
108	71.1	48.0	88.0	

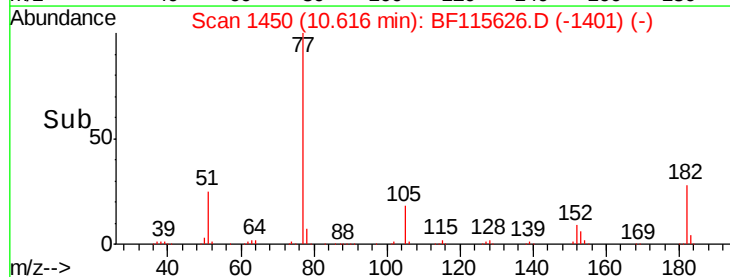
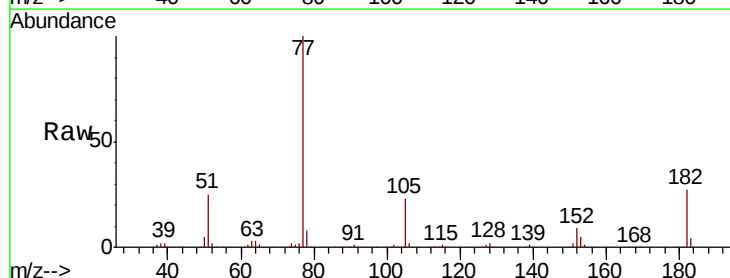
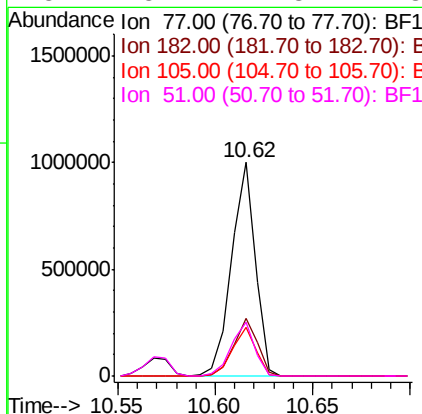
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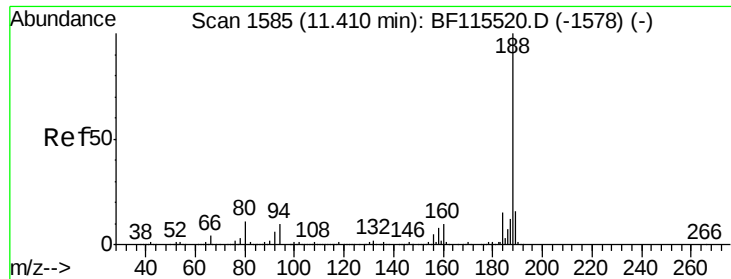
mohammad
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#63
Azobenzene
Concen: 38.593 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	844789		
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

Instrument :

BNA_F

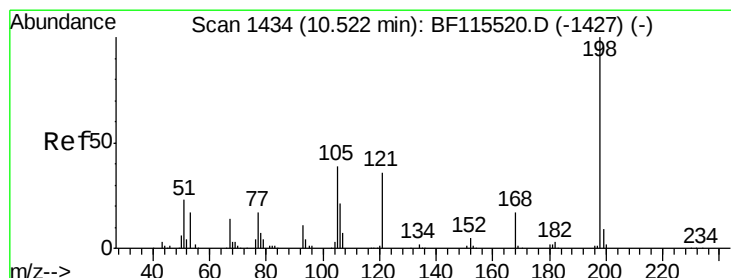
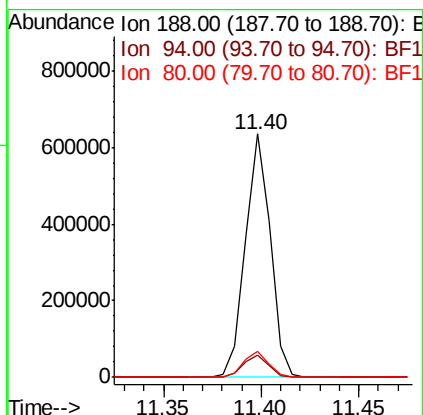
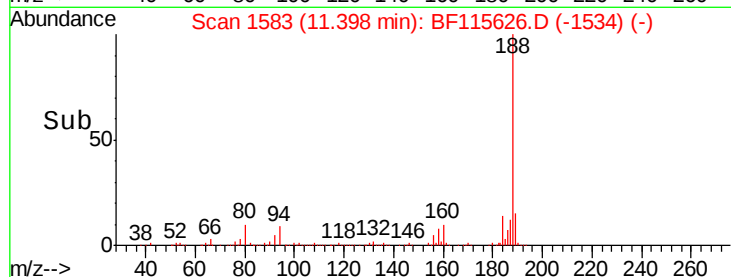
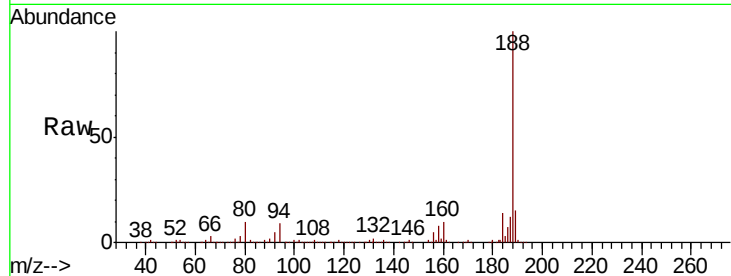
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

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

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#65

4,6-Dinitro-2-methylphenol

Concen: 14.945 ng

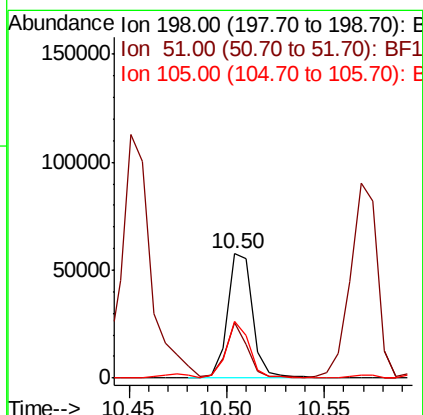
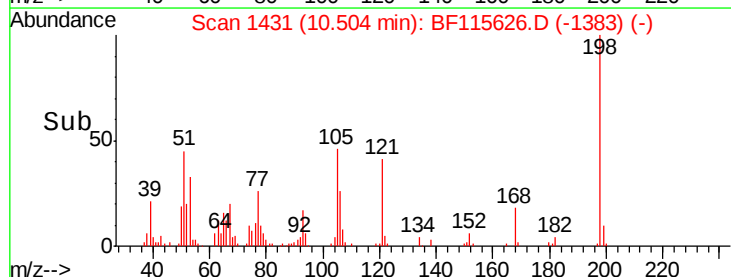
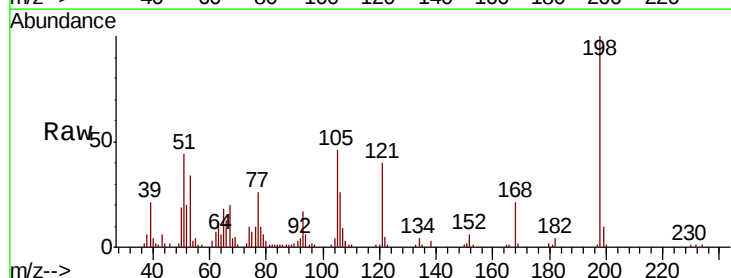
RT: 10.50 min Scan# 1431

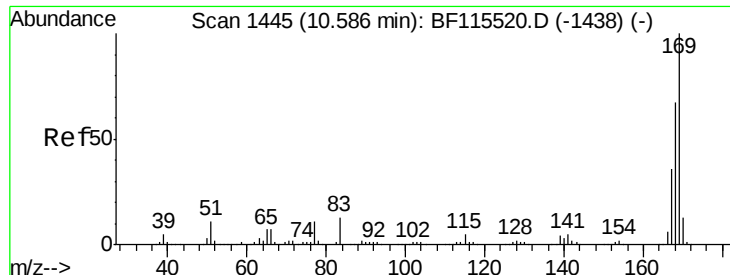
Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

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





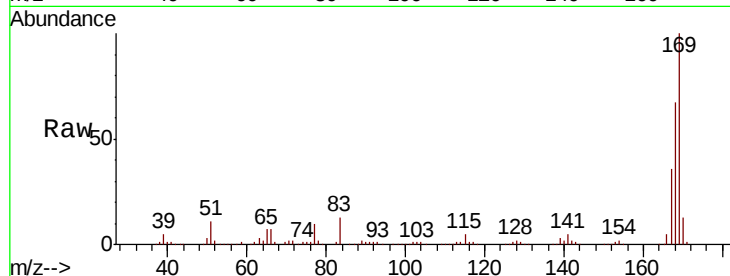
#66
n-Nitrosodiphenylamine
Concen: 41.121 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.3	81.5
167	36.5	30.2	45.2

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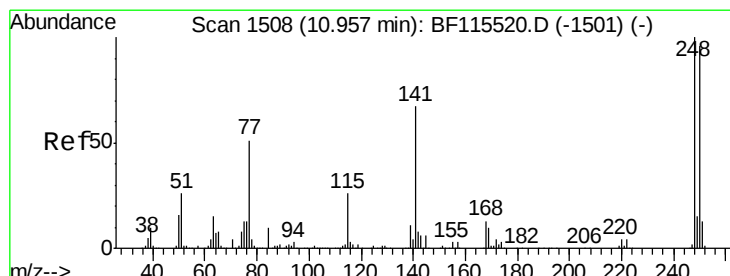
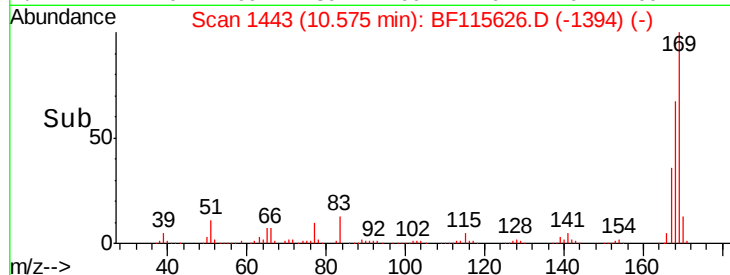
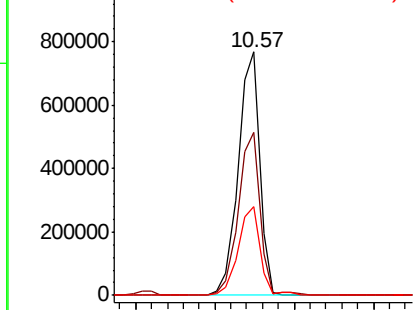


Abundance

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

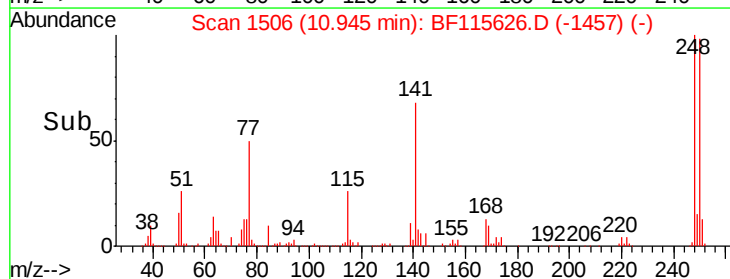
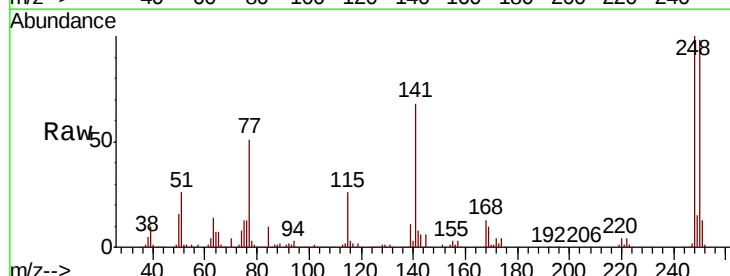
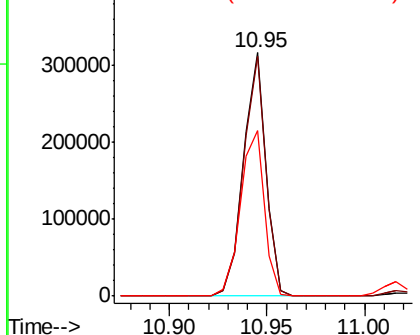
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.0	117.0
141	67.9	57.7	86.5

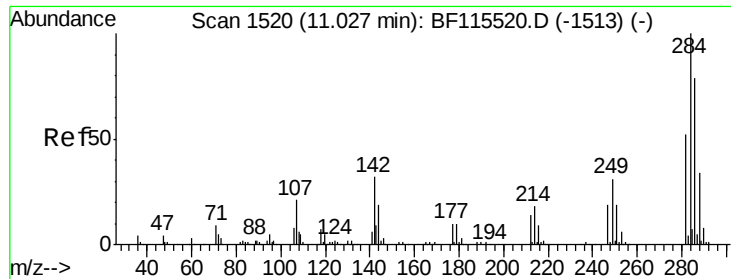
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





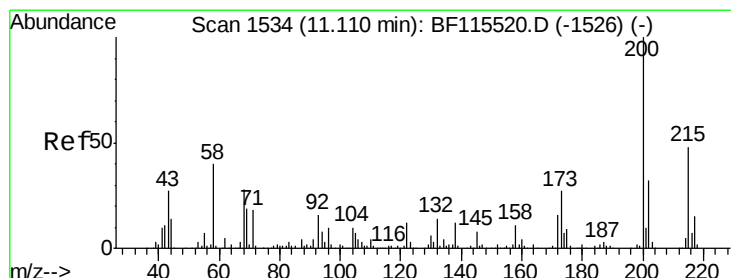
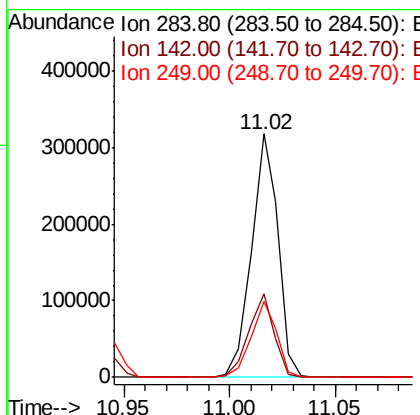
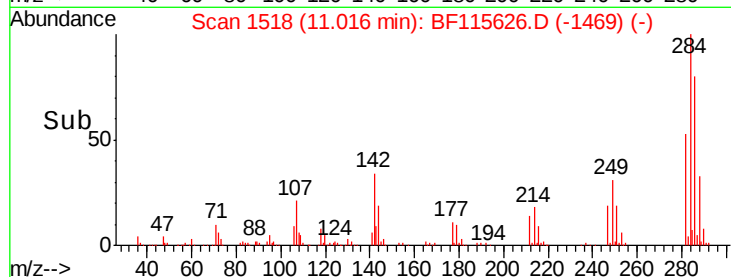
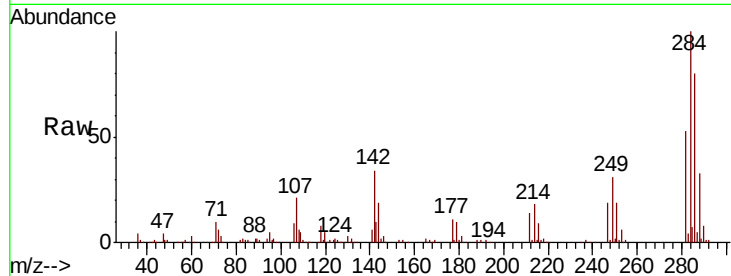
#68
Hexachlorobenzene
Concen: 37.515 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

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

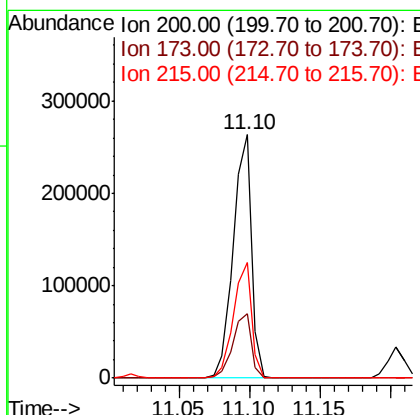
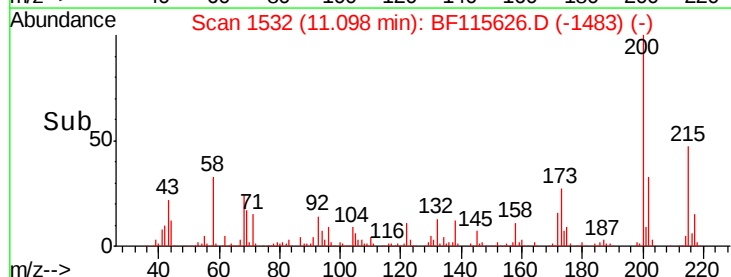
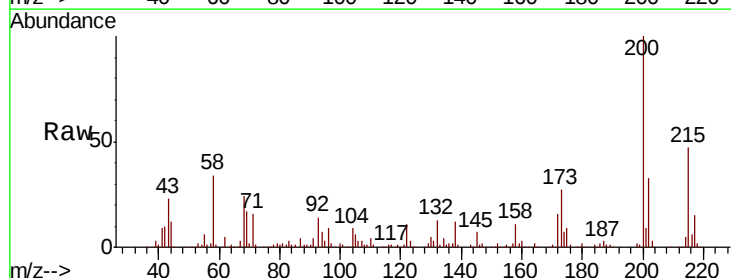
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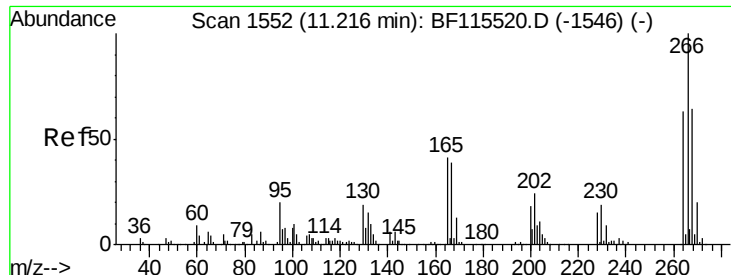
mohammad
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#69
Atrazine
Concen: 41.302 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





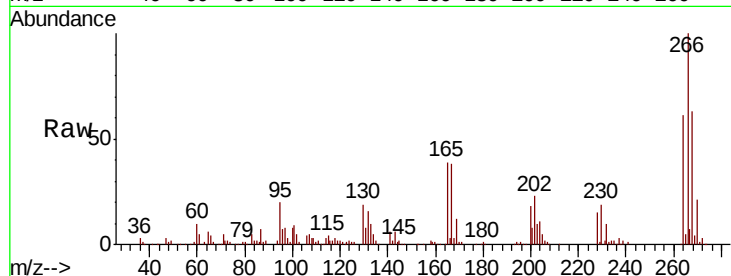
#70
 Pentachlorophenol
 Concen: 38.125 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

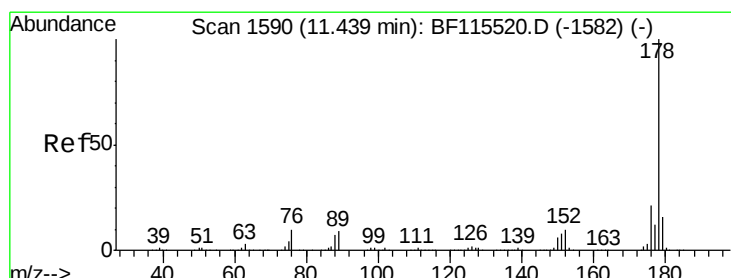
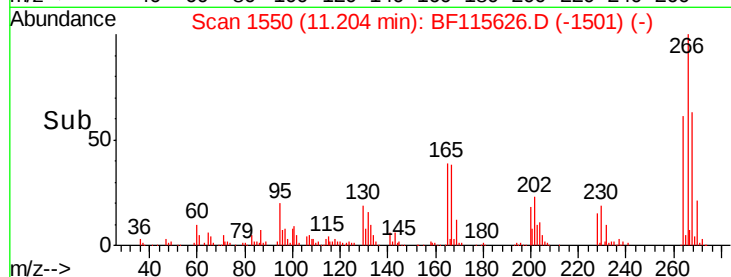
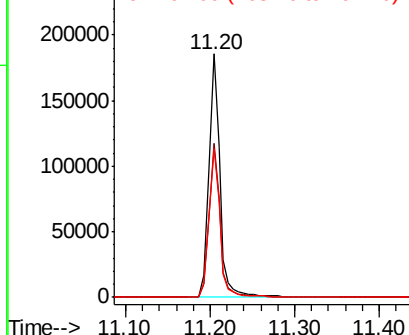
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.6	77.4
264	61.4	50.6	76.0

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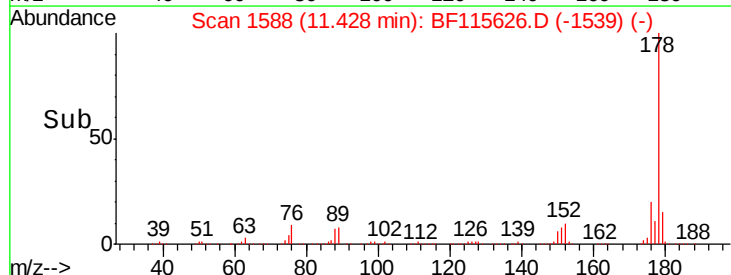
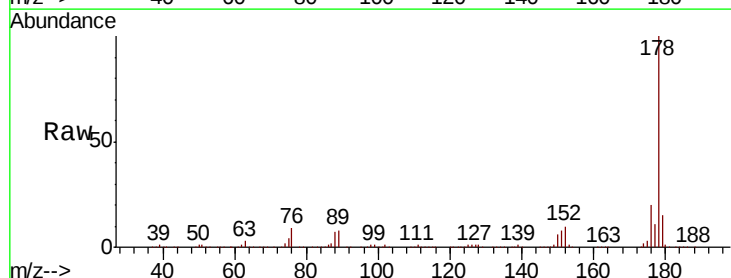
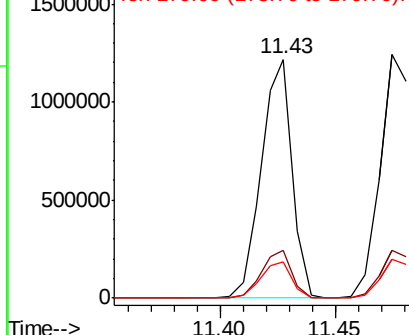
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

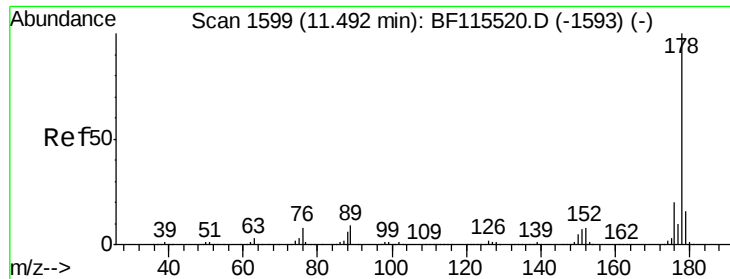


#71
 Phenanthrene
 Concen: 39.055 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

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





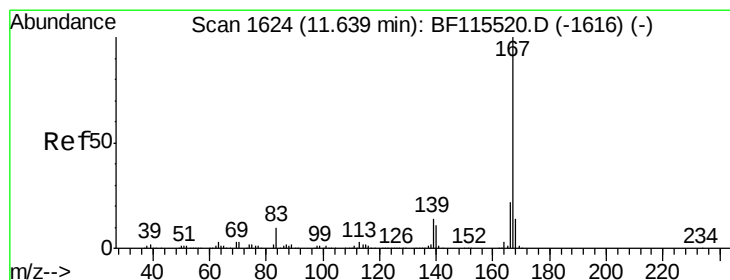
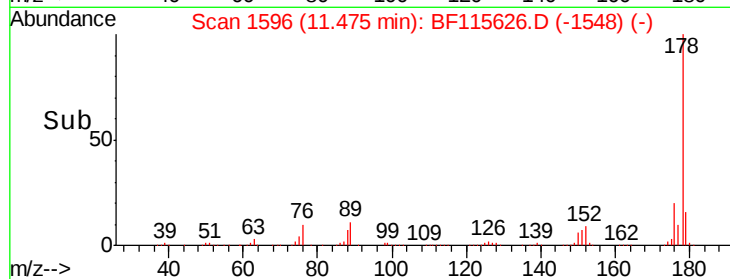
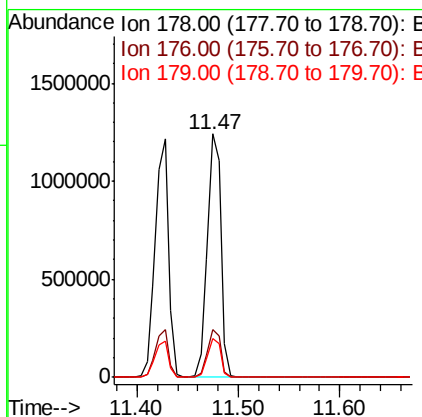
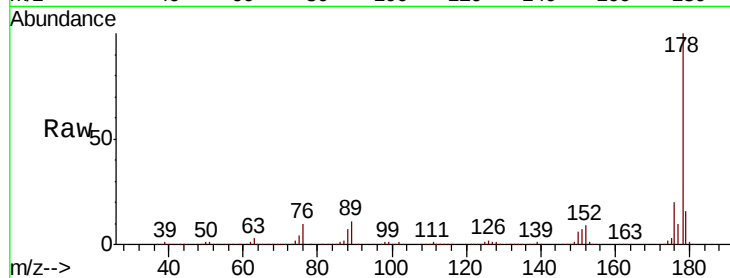
#72
 Anthracene
 Concen: 38.729 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

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

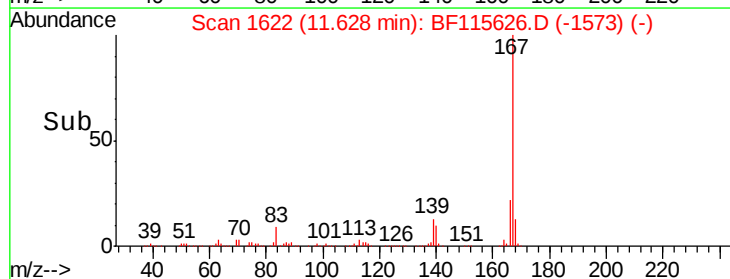
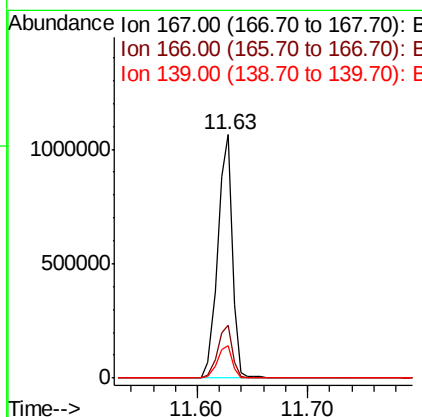
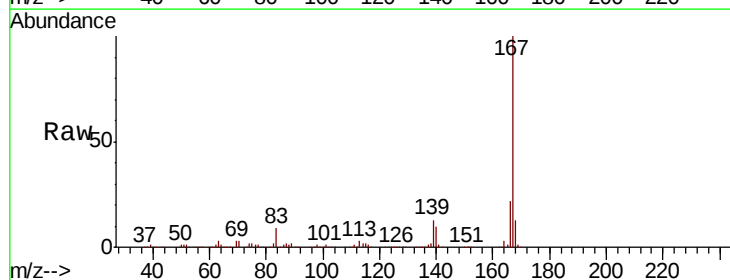
Manual Integrations
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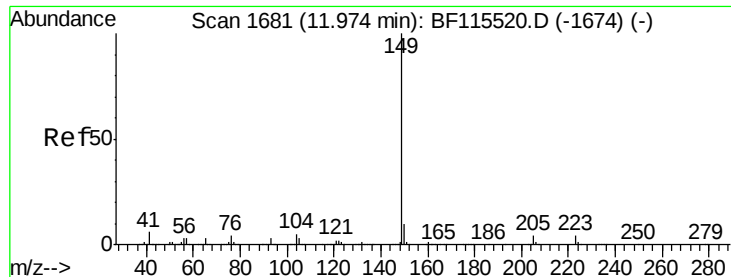
mohammad
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#73
 Carbazole
 Concen: 37.539 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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





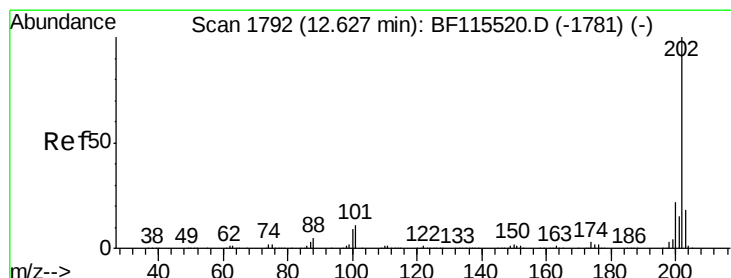
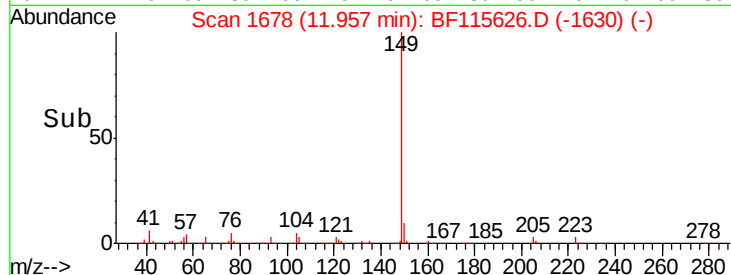
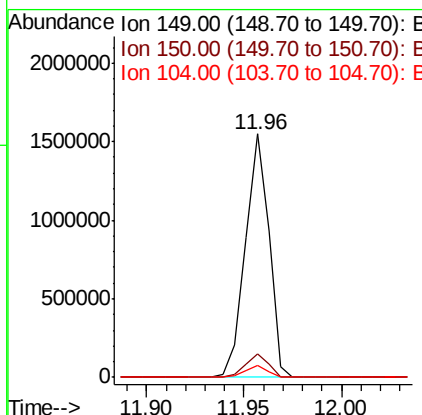
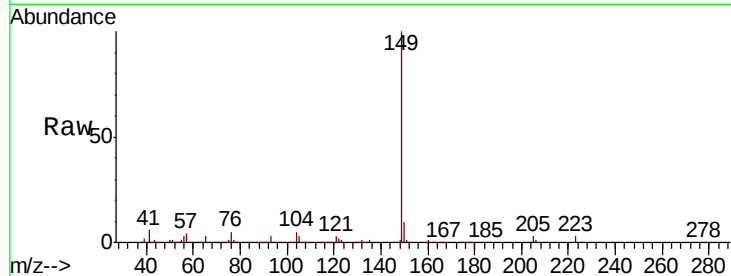
#74
Di-n-butylphthalate
Concen: 40.168 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion:149 Resp: 1296159
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 3.8 5.8

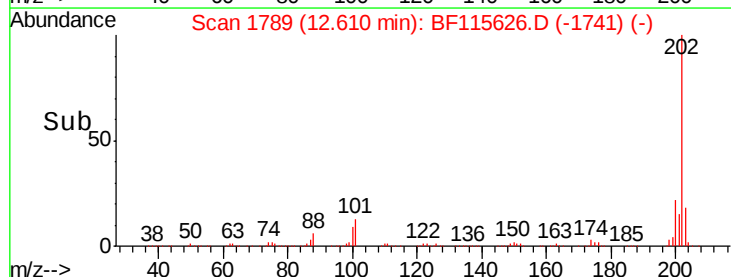
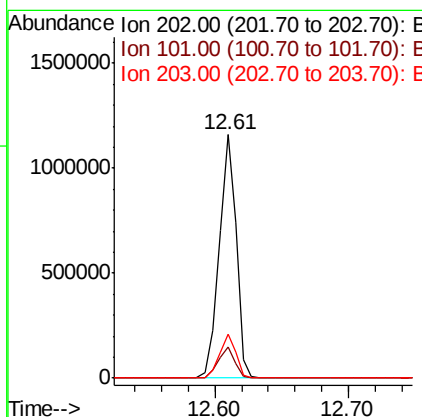
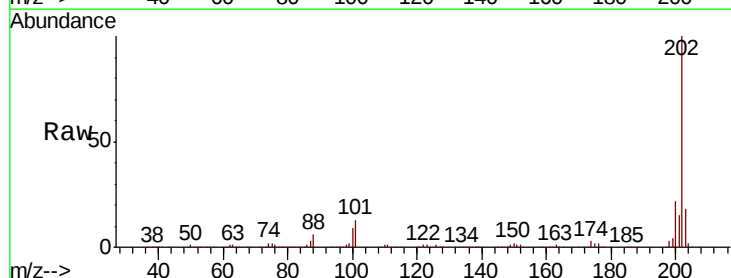
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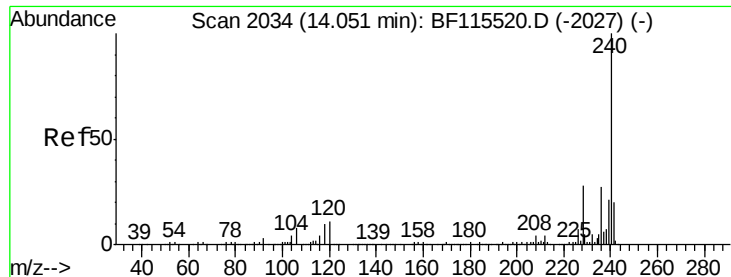
mohammad
7/19/2019 2:25:55 PM



#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

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





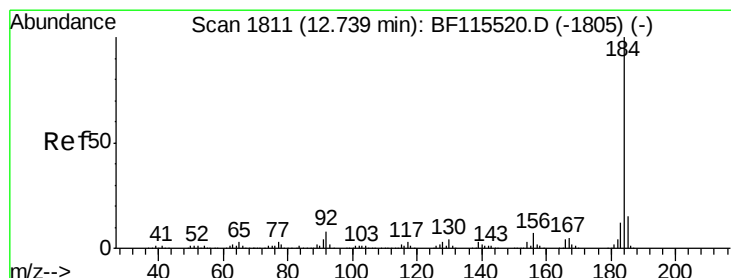
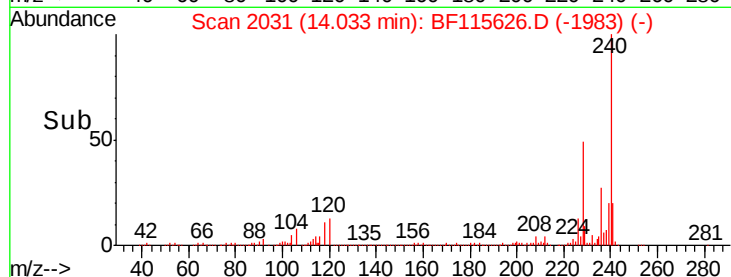
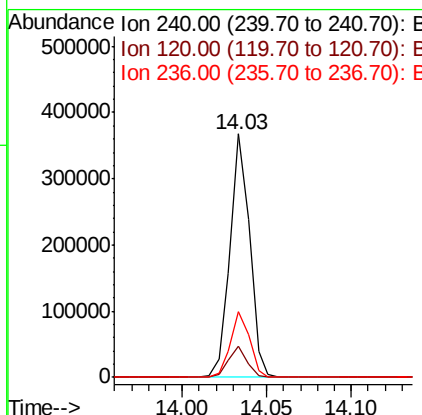
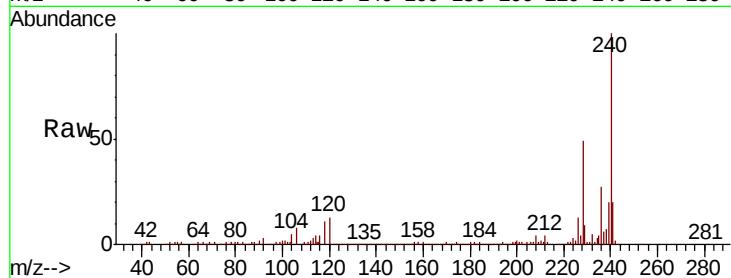
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.6	13.0
236	27.0	21.3	31.9

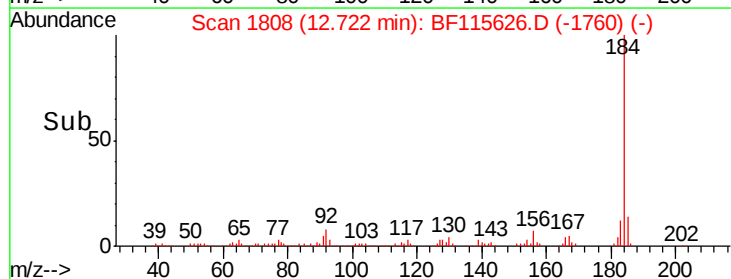
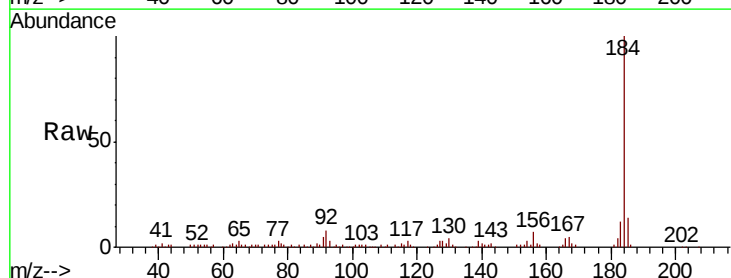
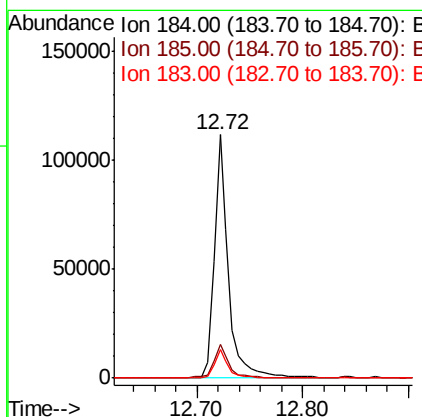
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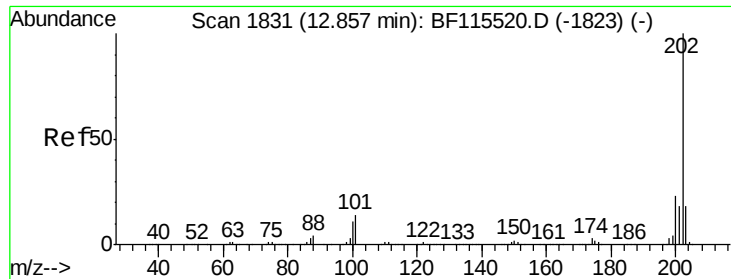
mohammad
 7/19/2019 2:25:55 PM



#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

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.0	18.0
183	11.7	9.3	13.9





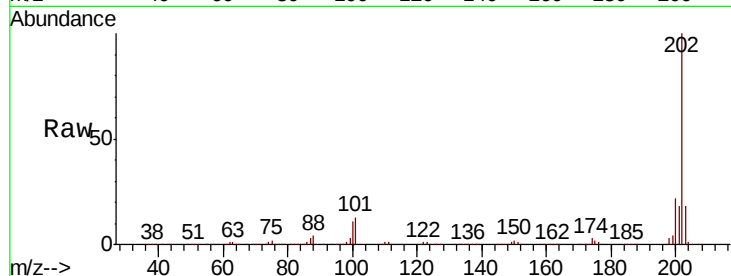
#78
Pvrene
Concen: 40.775 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	17.6	15.2	22.8

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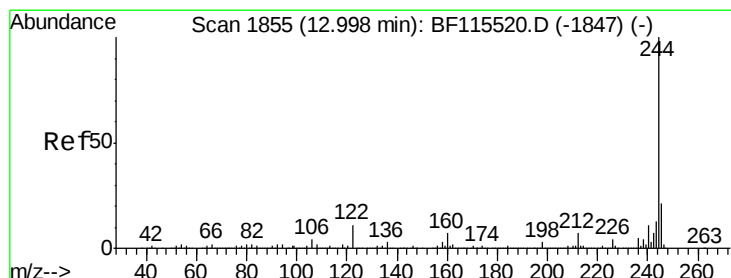
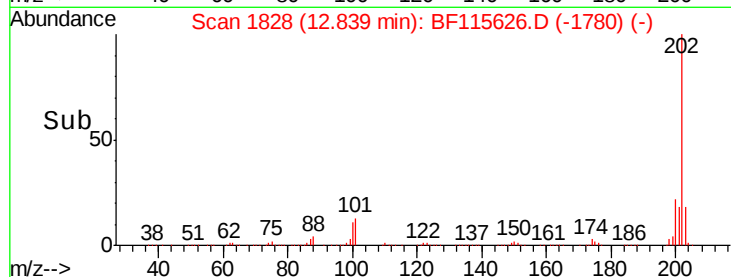
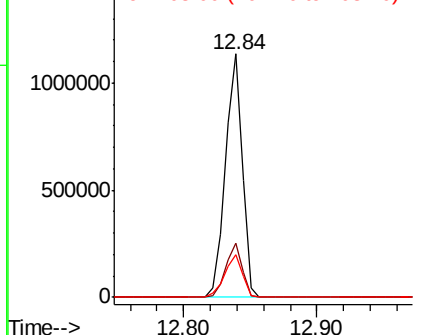


Abundance

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

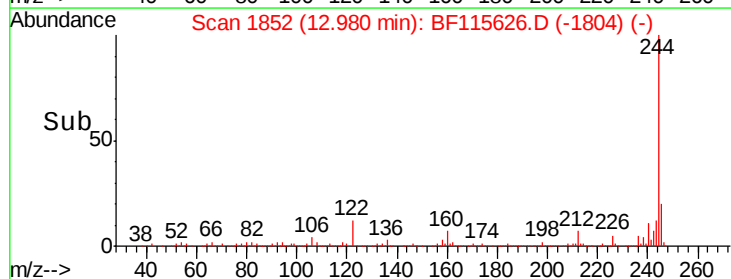
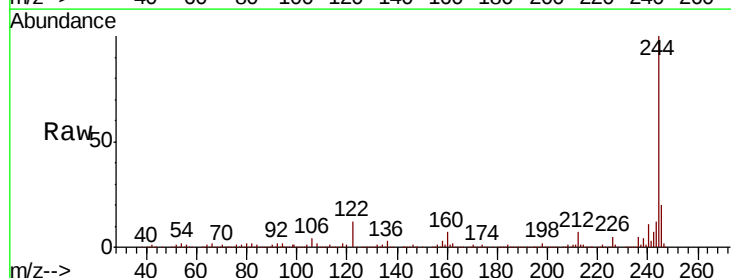
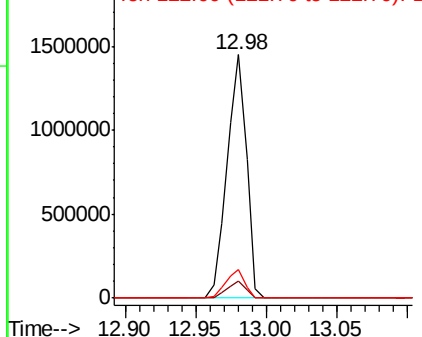
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.7	8.6	12.8

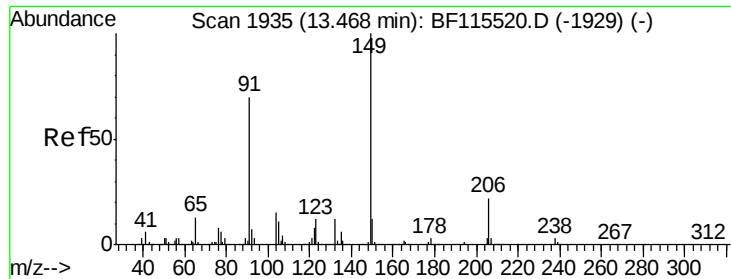
Abundance

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





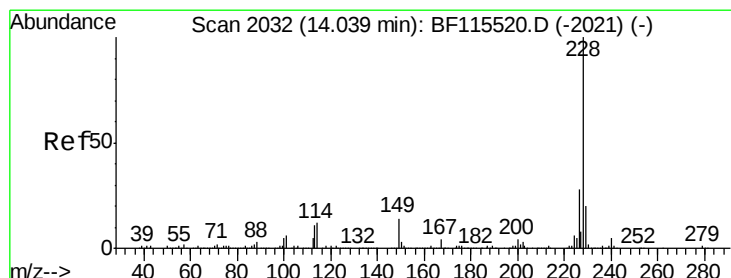
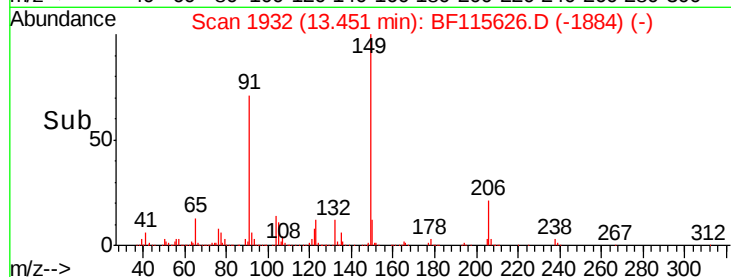
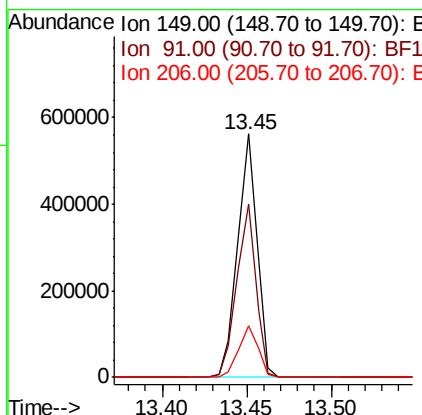
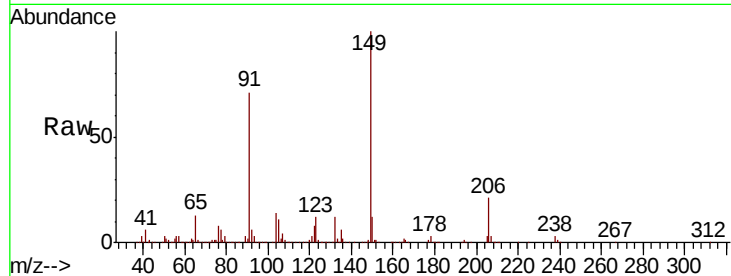
#80
Butylbenzylphthalate
Concen: 41.967 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	55.8	83.8
206	21.1	18.2	27.2

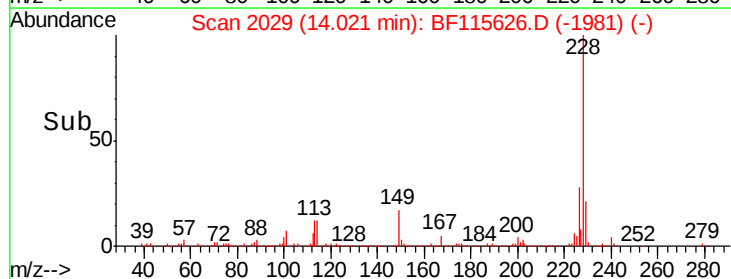
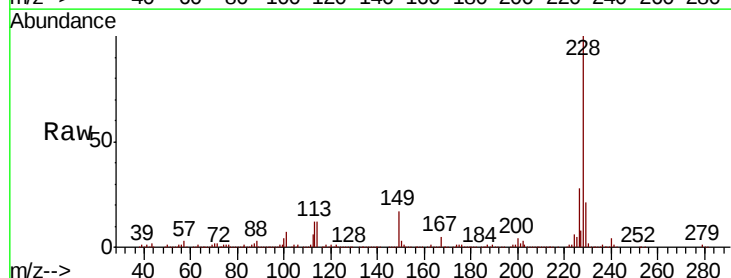
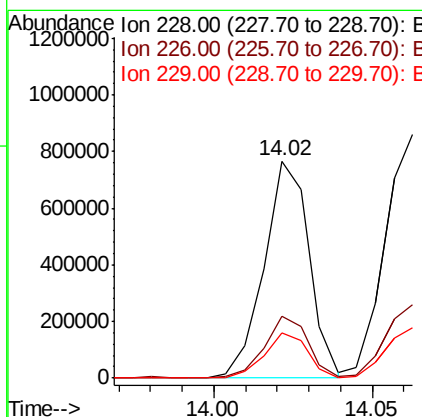
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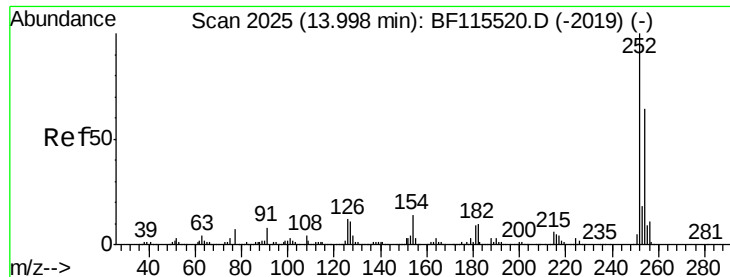
mohammad
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#81
Benzo(a)anthracene
Concen: 38.793 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	20.8	17.2	25.8





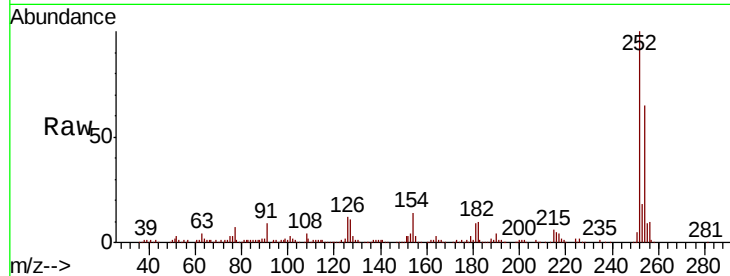
#82
 3,3'-Dichlorobenzidine
 Concen: 37.738 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF115626.D
 Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262199		
254	65.0	52.9	79.3	
126	11.7	9.9	14.9	

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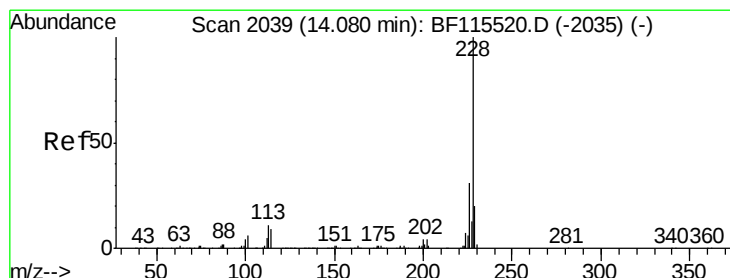
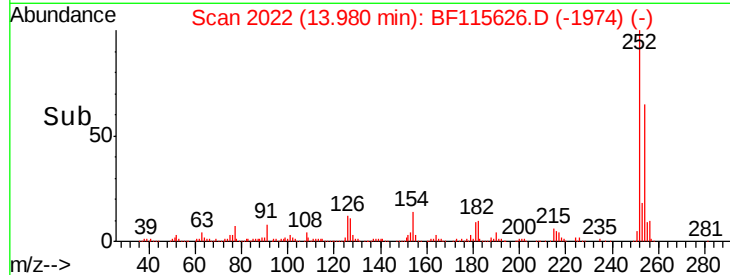
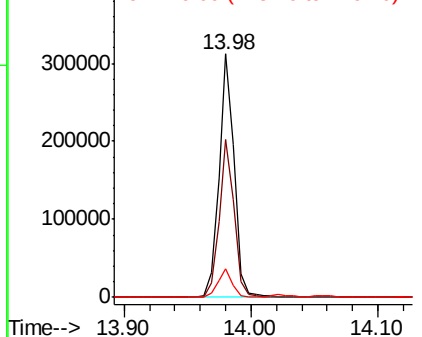


Abundance

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

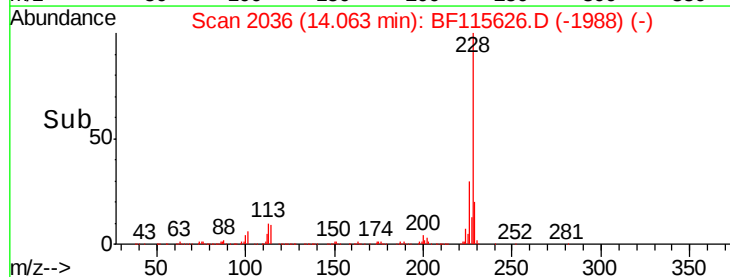
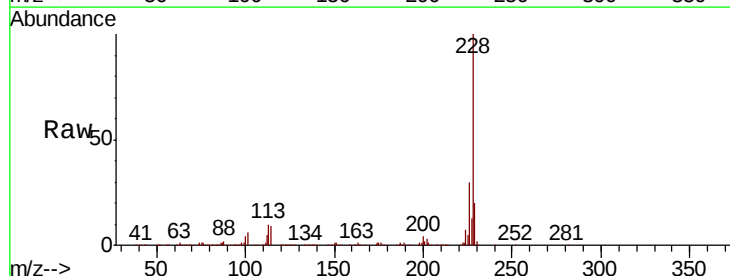
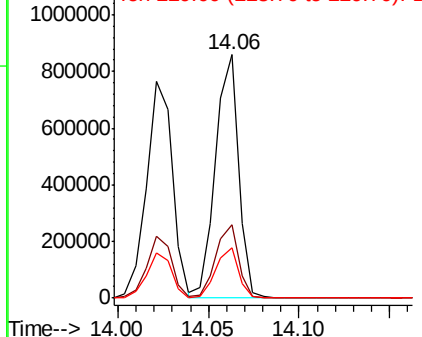
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	760802		
226	30.1	25.7	38.5	
229	20.5	16.6	25.0	

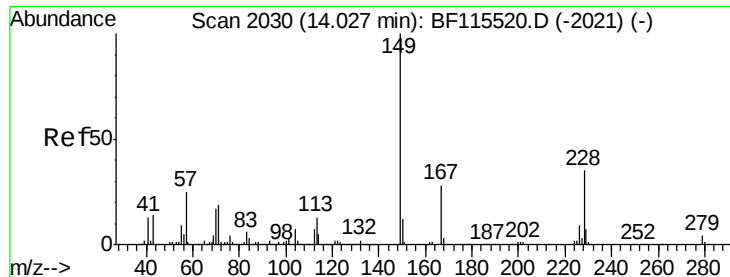
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.785 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

Instrument :

BNA_F

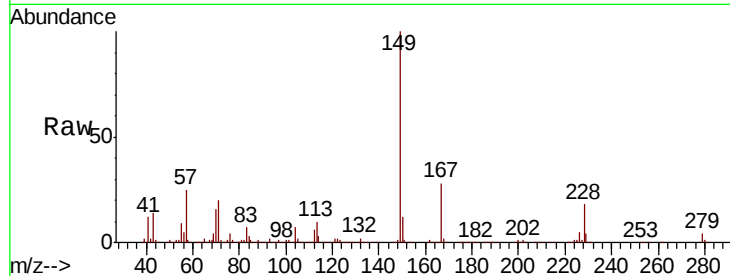
ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

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

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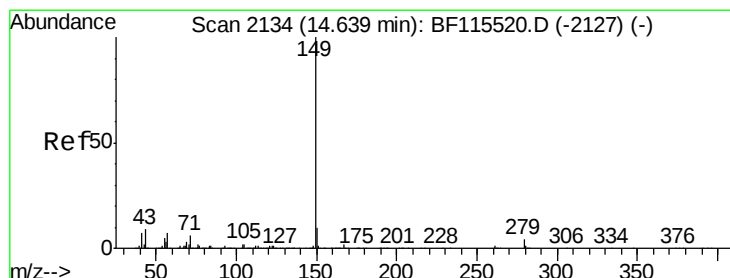
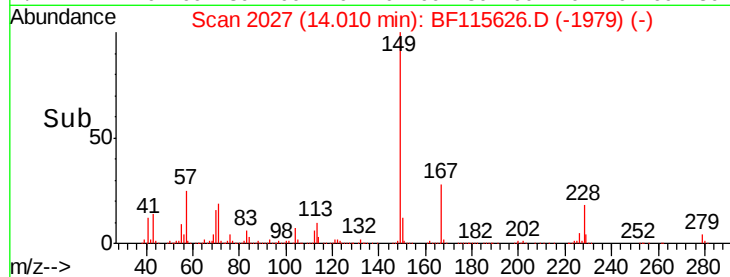
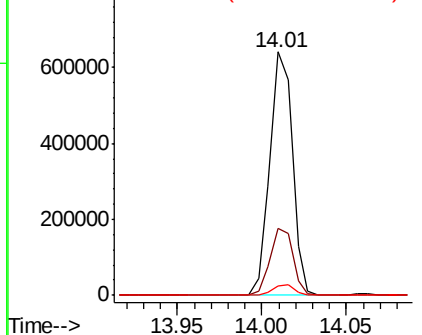


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.330 ng

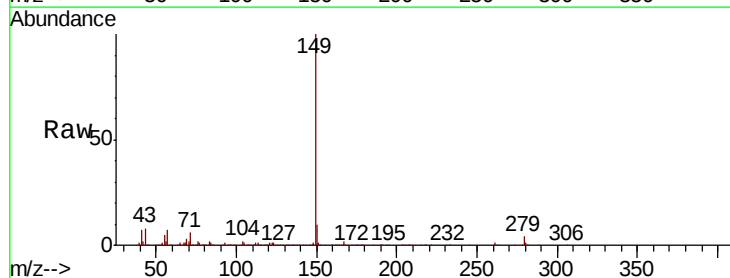
RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115626.D

Acq: 17 Jul 2019 17:09

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

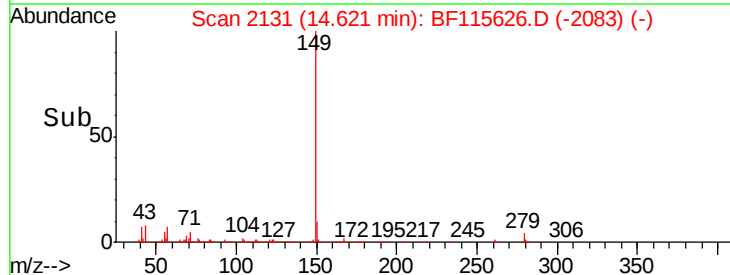
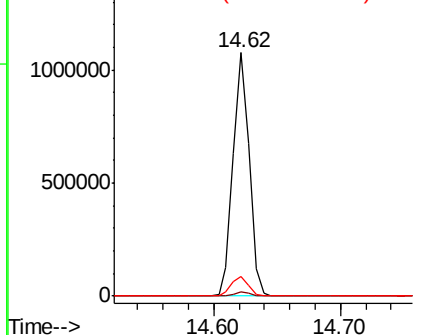


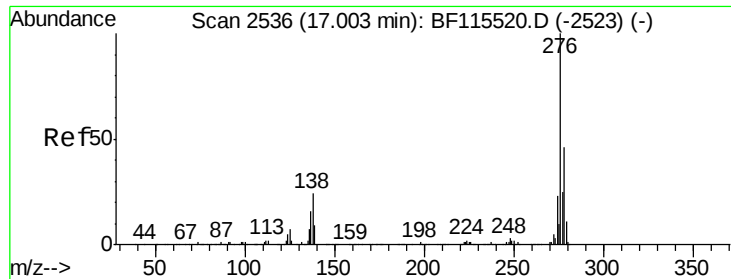
Abundance

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





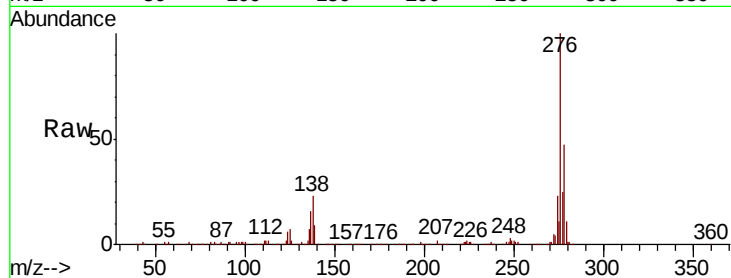
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.765 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.2
277	25.2	20.4	30.6

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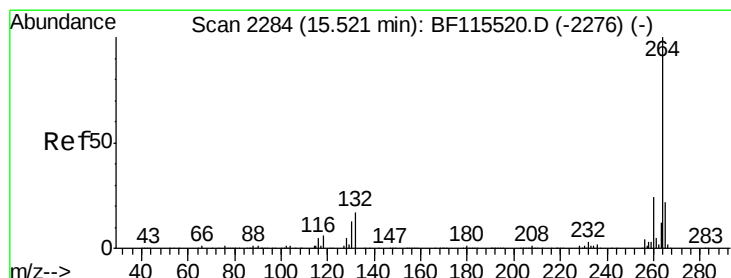
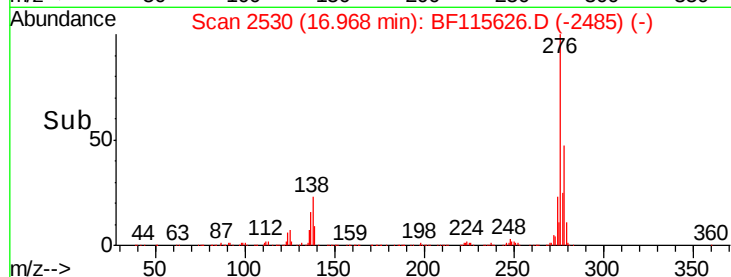
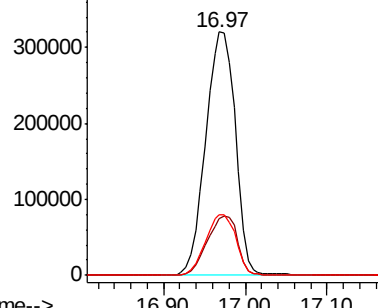


Abundance

Ion 276.00 (275.70 to 276.70): E

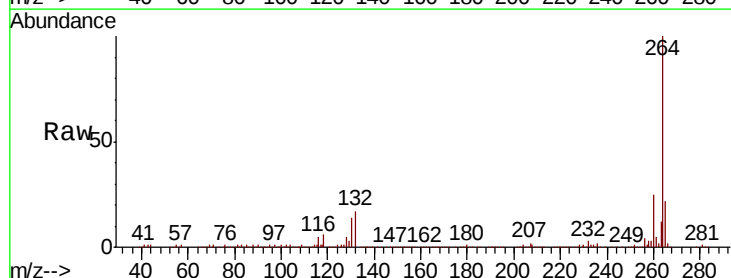
Ion 138.00 (137.70 to 138.70): E

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	22.2	17.7	26.5

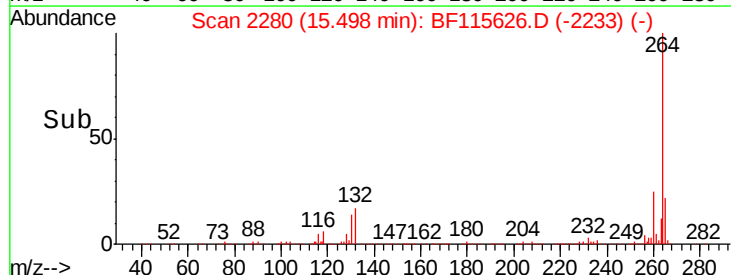
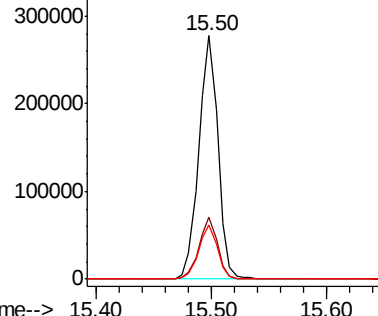


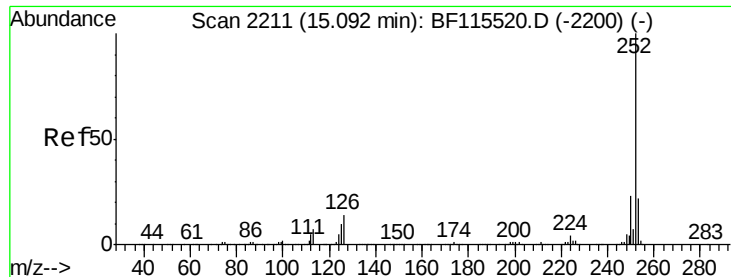
Abundance

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





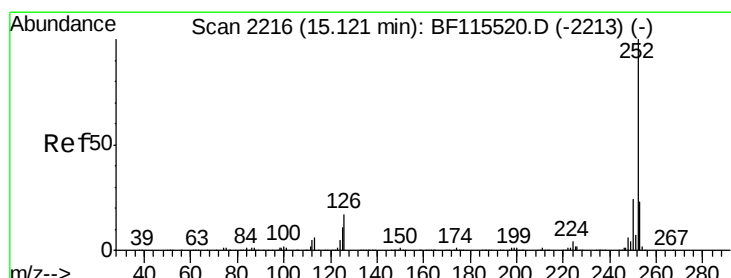
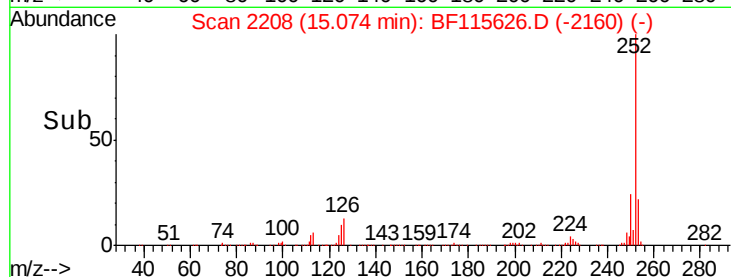
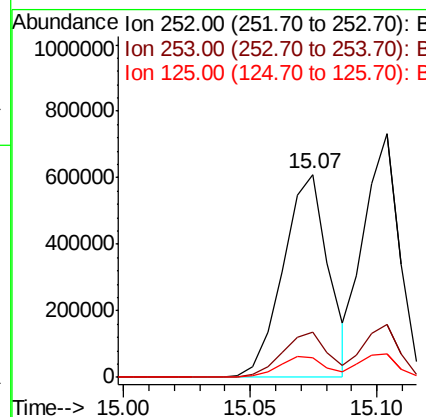
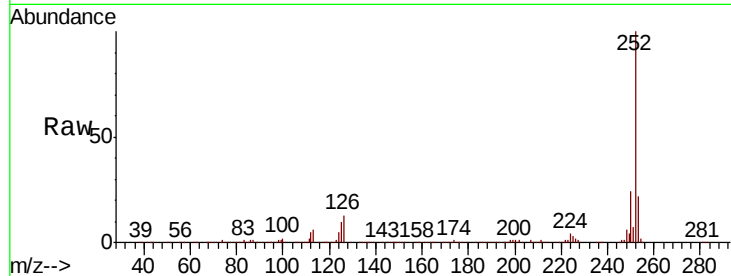
#88
Benzo(b)fluoranthene
Concen: 36.959 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.9	9.0	13.4

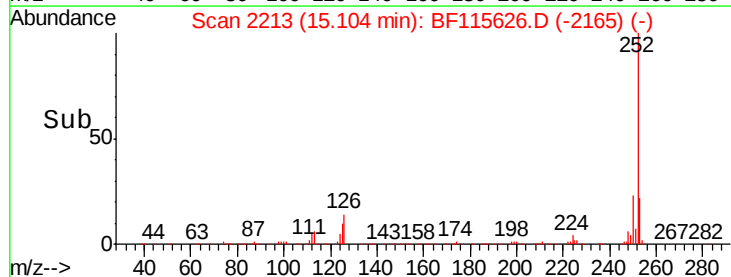
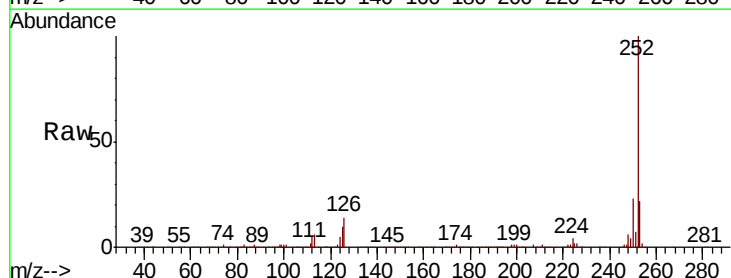
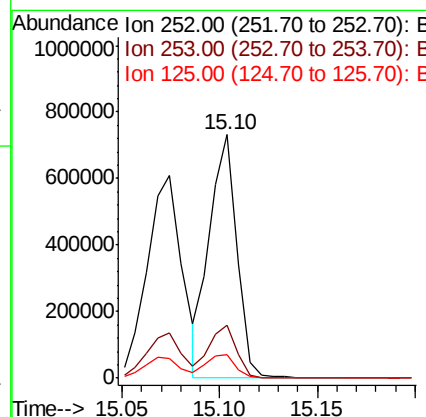
Manual Integrations
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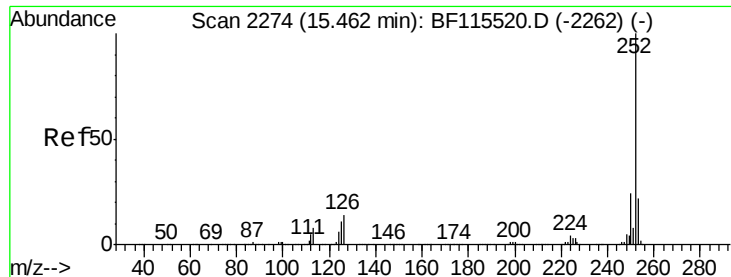
mohammad
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#89
Benzo(k)fluoranthene
Concen: 38.907 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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





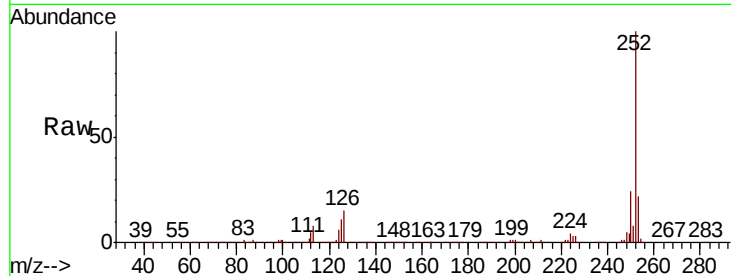
#90
Benzo(a)pyrene
Concen: 40.351 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

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

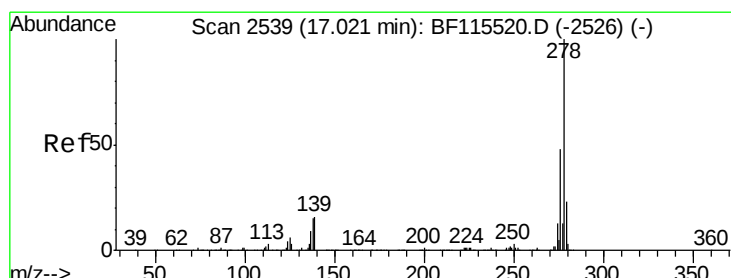
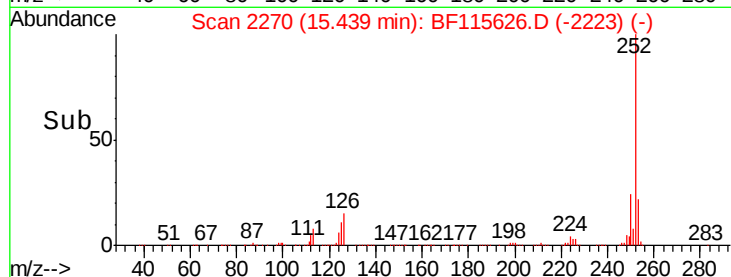
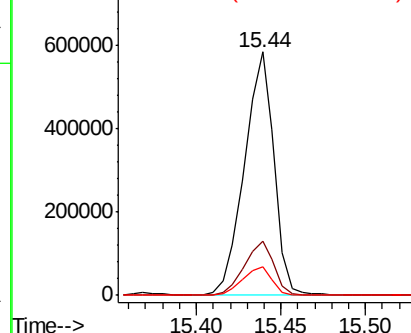
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.5	9.1	13.7

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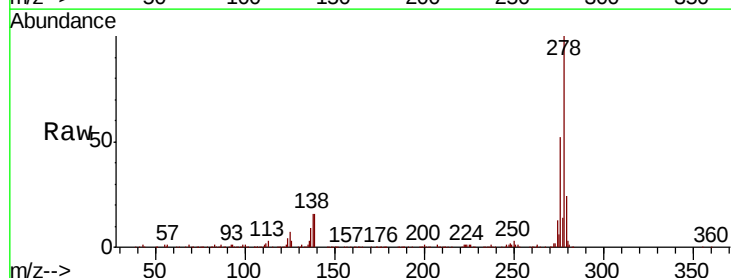


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

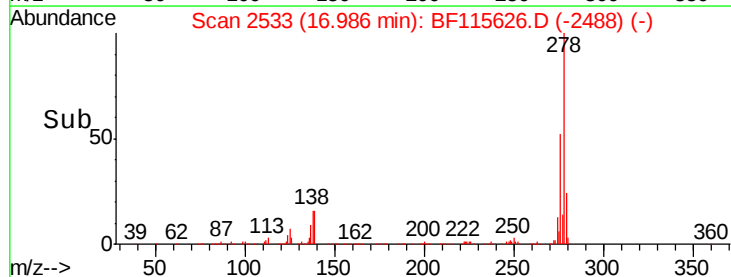
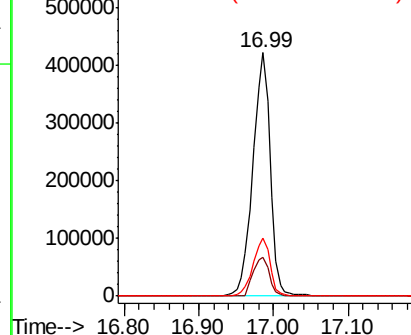


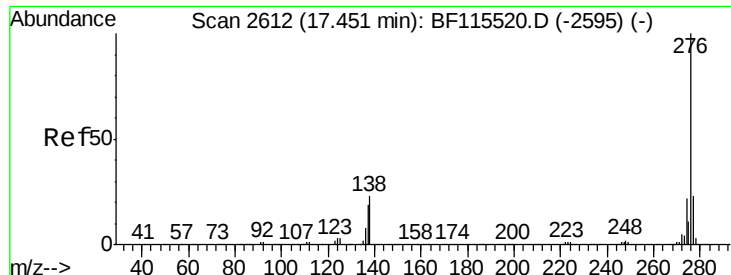
#91
Dibenzo(a,h)anthracene
Concen: 44.355 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF115626.D
Acq: 17 Jul 2019 17:09

Tgt 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(a,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

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.1	17.2	25.8

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