

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098686.D
 Acq On : 22 Sep 2017 8:52
 Operator : SJ/JU
 Sample : PB102454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Quant Time: Sep 22 11:54:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	157491	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	662730	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	307365	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	541525	20.00	ng	0.00
75) Chrysene-d12	14.09	240	448400	20.00	ng	0.00
86) Perylene-d12	15.58	264	381656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1291054	124.48	ng	0.02
7) Phenol-d6	6.55	99	1569606	124.98	ng	0.00
23) Nitrobenzene-d5	7.49	82	950198	97.25	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	388139	138.08	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1700579	88.04	ng	0.00
78) Terphenyl-d14	13.03	244	1608221	77.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	169511	34.602	ng	97
3) Pyridine	3.60	79	501703	38.535	ng	99
4) n-Nitrosodimethylamine	3.55	42	229310	40.196	ng	96
6) Aniline	6.59	93	525418	31.581	ng	99
8) 2-Chlorophenol	6.72	128	444095	39.419	ng	95
9) Benzaldehyde	6.47	77	138741	19.695	ng	99
10) Phenol	6.56	94	528289	38.111	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	424583	39.759	ng	99
12) 1,3-Dichlorobenzene	6.87	146	467205	39.261	ng	100
13) 1,4-Dichlorobenzene	6.95	146	471403	39.139	ng	98
14) 1,2-Dichlorobenzene	7.10	146	441148	39.275	ng	99
15) Benzyl Alcohol	7.06	79	389695	43.001	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	688446	40.455	ng	99
17) 2-Methylphenol	7.17	107	379829	41.375	ng	99
18) Hexachloroethane	7.44	117	170820	41.198	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	303513	39.010	ng	99
20) 3+4-Methylphenols	7.32	107	474918	40.125	ng	94
22) Acetophenone	7.33	105	610352	37.230	ng	# 98
24) Nitrobenzene	7.51	77	463386	41.065	ng	97
25) Isophorone	7.75	82	845455	39.677	ng	99
26) 2-Nitrophenol	7.82	139	223863	45.165	ng	97
27) 2,4-Dimethylphenol	7.85	122	423471	40.467	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	541766	40.860	ng	99
29) 2,4-Dichlorophenol	8.06	162	371801	41.303	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	365311	40.236	ng	99
31) Naphthalene	8.23	128	1260686	40.079	ng	100
32) Benzoic acid	7.97	122	257019	39.200	ng	99
33) 4-Chloroaniline	8.27	127	342811	26.214	ng	97
34) Hexachlorobutadiene	8.35	225	193522	39.563	ng	99
35) Caprolactam	8.65	113	64766	23.073	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	400888	39.016	ng	96
37) 2-Methylnaphthalene	8.92	142	871365	43.144	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	317037	34.876	ng	99
40) Hexachlorocyclopentadiene	9.07	237	401717	101.693	ng	98

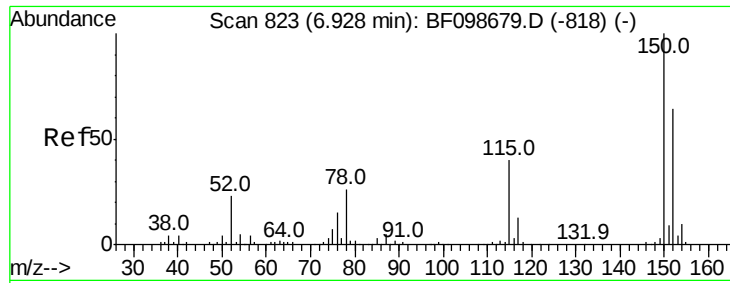
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255456	41.699	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	255241	40.632	ng	96
45) 1,1'-Biphenyl	9.39	154	984739	37.292	ng	99
46) 2-Chloronaphthalene	9.41	162	778124	39.296	ng	99
47) 2-Nitroaniline	9.50	65	246499	44.336	ng	99
48) Acenaphthylene	9.83	152	1199305	39.379	ng	99
49) Dimethylphthalate	9.69	163	908621	39.420	ng	99
50) 2,6-Dinitrotoluene	9.74	165	202547	44.532	ng	96
51) Acenaphthene	10.00	154	771061	40.787	ng	99
52) 3-Nitroaniline	9.92	138	180659	33.320	ng	94
53) 2,4-Dinitrophenol	10.02	184	113050	63.128	ng	100
54) Dibenzofuran	10.17	168	1075365	41.659	ng	97
55) 4-Nitrophenol	10.07	139	392375	83.161	ng	95
56) 2,4-Dinitrotoluene	10.14	165	274572	44.936	ng	99
57) Fluorene	10.52	166	819706	39.508	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208026	46.547	ng	99
59) Diethylphthalate	10.39	149	900131	39.850	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	363171	39.956	ng	97
61) 4-Nitroaniline	10.53	138	235585	45.303	ng	95
62) Azobenzene	10.66	77	897077	42.464	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	97298	38.260	ng	98
65) n-Nitrosodiphenylamine	10.62	169	747637	40.110	ng	100
66) 4-Bromophenyl-phenylether	10.99	248	226199	41.369	ng	97
67) Hexachlorobenzene	11.06	284	238932	38.348	ng	97
68) Atrazine	11.14	200	233788	41.696	ng	99
69) Pentachlorophenol	11.25	266	279932	78.606	ng	98
70) Phenanthrene	11.47	178	1194105	40.648	ng	99
71) Anthracene	11.53	178	1235502	41.247	ng	100
72) Carbazole	11.68	167	1173502	40.094	ng	100
73) Di-n-butylphthalate	12.00	149	1423919	41.886	ng	100
74) Fluoranthene	12.66	202	1246664	42.583	ng	99
76) Benzidine	12.78	184	578358	31.764	ng	98
77) Pyrene	12.89	202	1285888	38.627	ng	99
79) Butylbenzylphthalate	13.50	149	622963	45.234	ng	100
80) Benzo(a)anthracene	14.08	228	1105325	40.924	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	297993	30.917	ng	99
82) Chrysene	14.12	228	1037334	39.770	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	842406	44.220	ng	100
84) Di-n-octyl phthalate	14.67	149	1382929	48.337	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	820912	40.572	ng	99
87) Benzo(b)fluoranthene	15.14	252	985934	44.543	ng	98
88) Benzo(k)fluoranthene	15.17	252	866590	39.179	ng	98
89) Benzo(a)pyrene	15.52	252	864156	42.990	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	682741	40.160	ng	99
91) Benzo(g,h,i)perylene	17.54	276	675509	39.528	ng	98

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

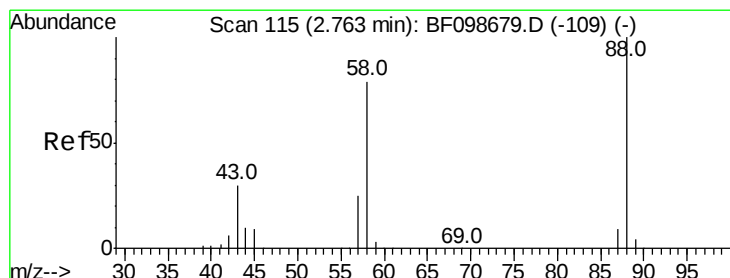
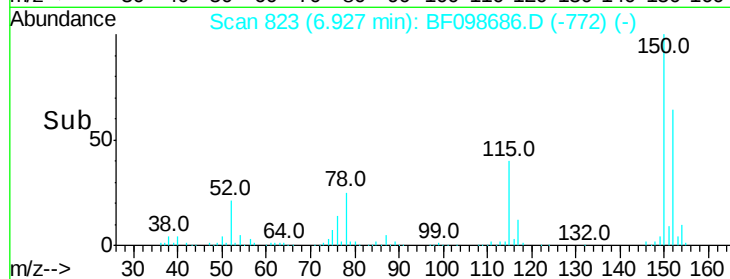
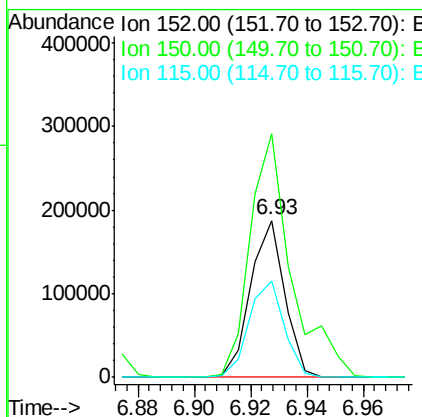
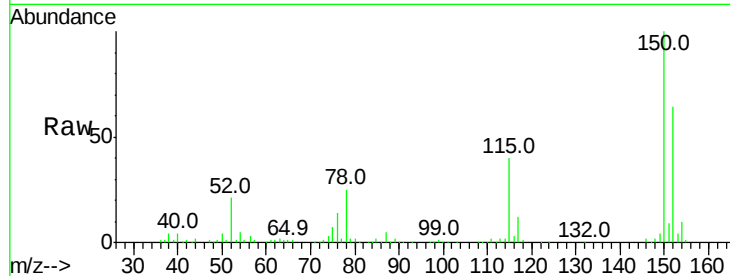


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

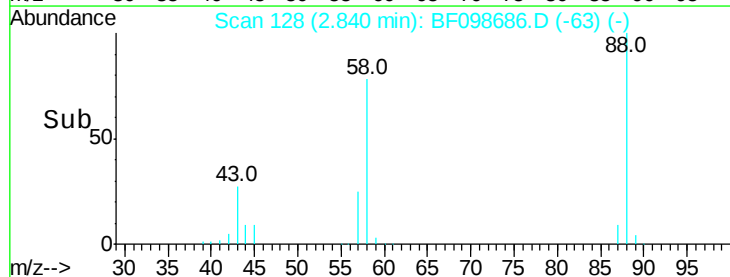
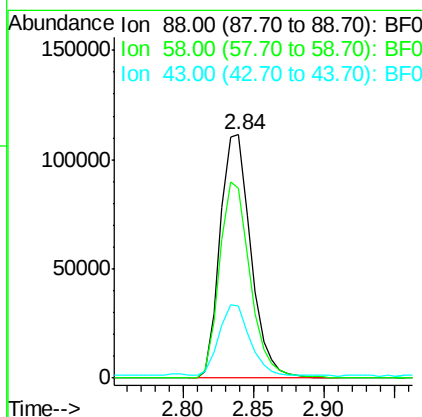
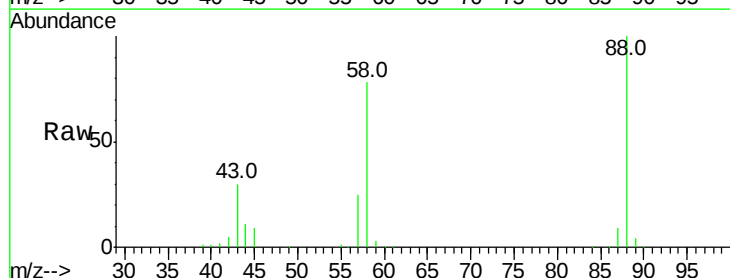
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.5	50.1	75.1

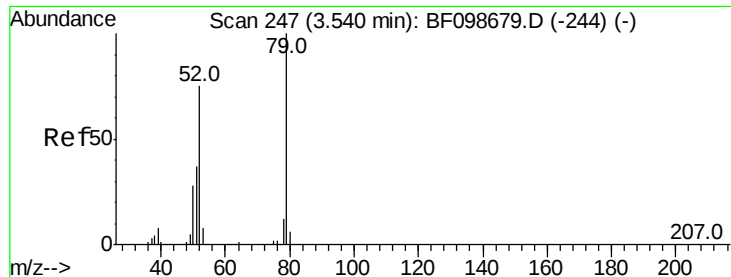


#2

1,4-Dioxane
 Concen: 34.602 ng
 RT: 2.84 min Scan# 128
 Delta R.T. 0.08 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	62.6	93.8
43	28.8	24.6	37.0

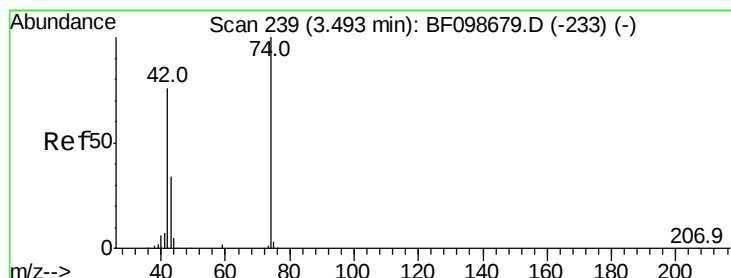
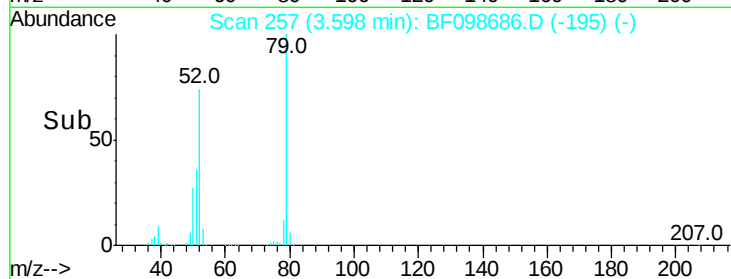
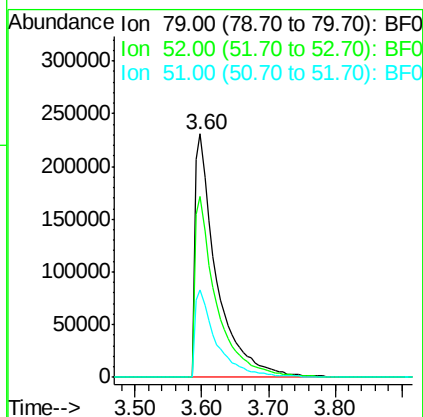
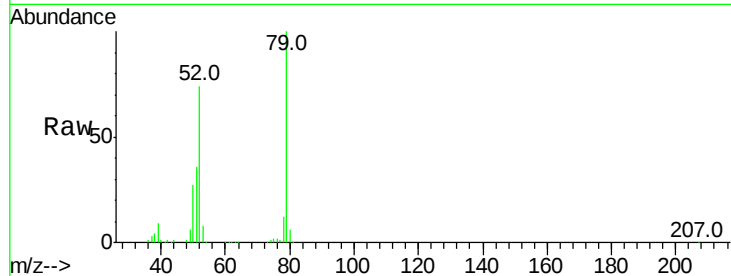




#3
 Pvridine
 Concen: 38.535 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.06 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

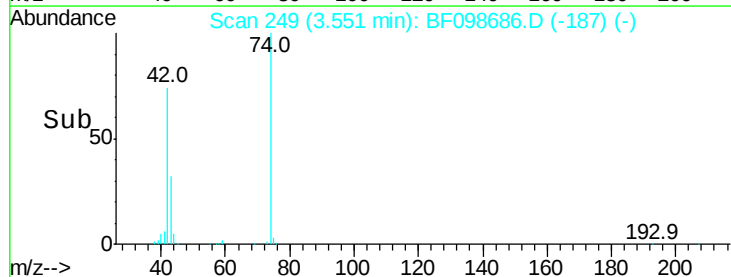
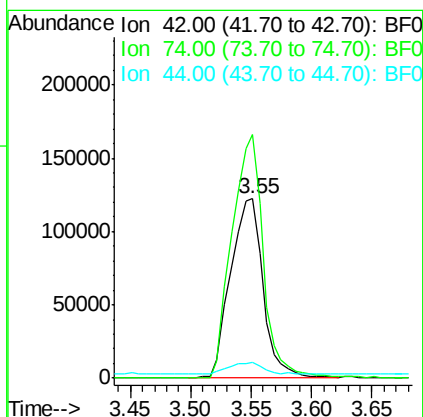
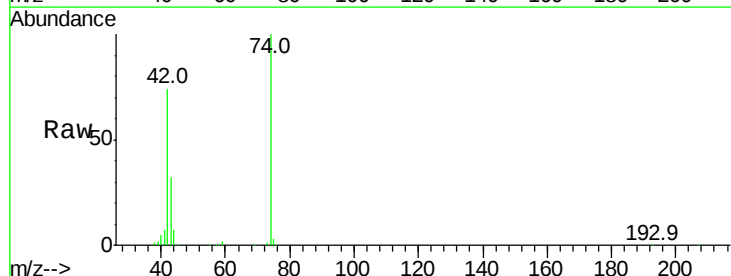
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

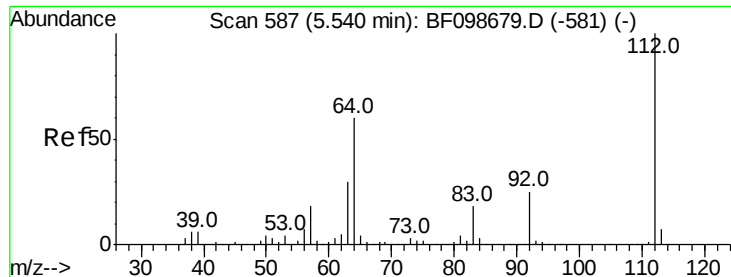
Tot Ion: 79 Resp: 501703
 Ion Ratio Lower Upper
 79 100
 52 74.5 59.8 89.6
 51 35.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.196 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.06 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion: 42 Resp: 229310
 Ion Ratio Lower Upper
 42 100
 74 135.9 104.9 157.3
 44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 124.483 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

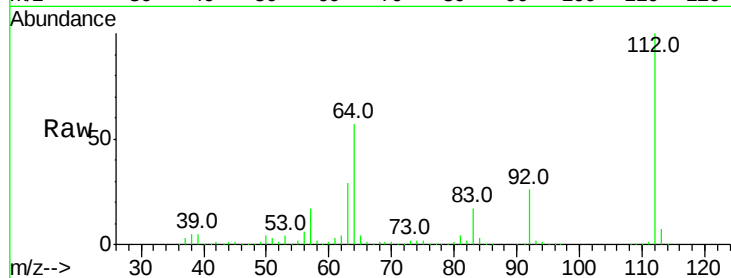
Tot Ion:112 Resp: 1291054

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

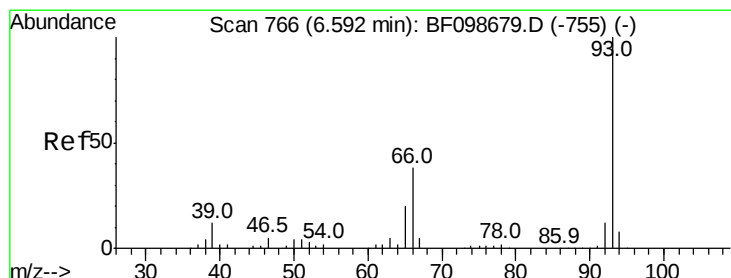
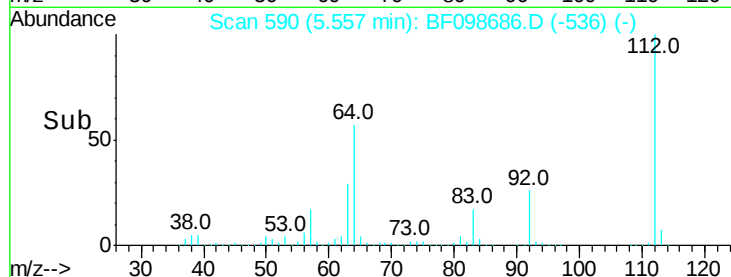
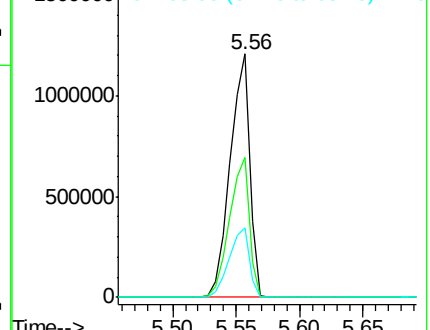
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.581 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

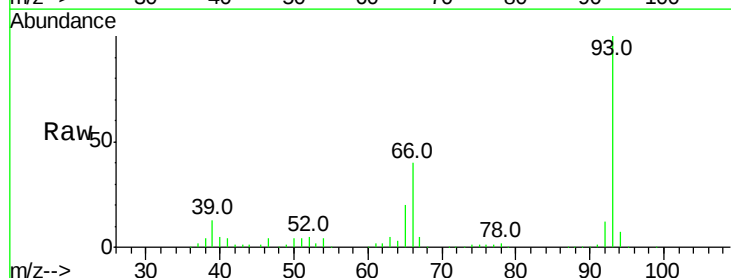
Tgt Ion: 93 Resp: 525418

Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

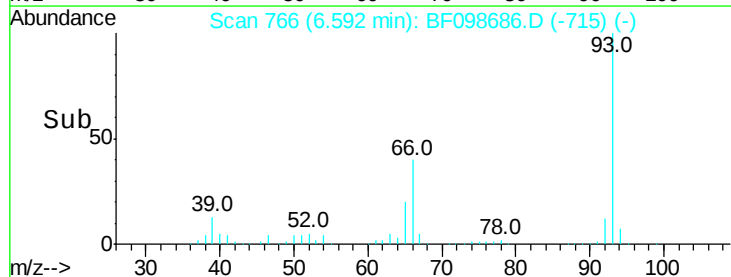
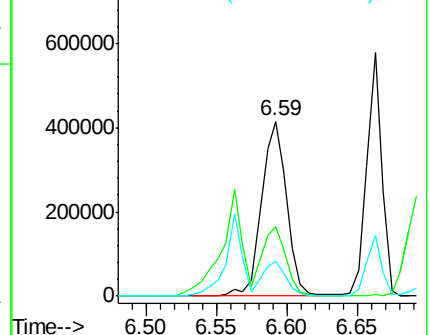
65 19.8 16.4 24.6

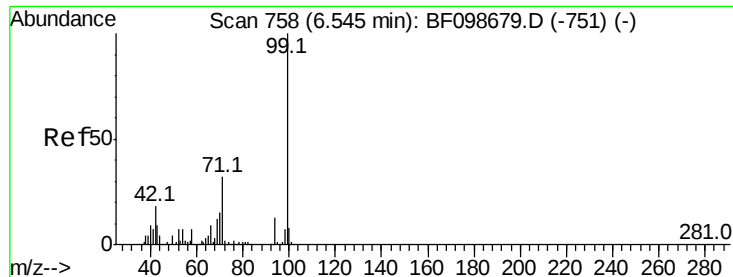


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.977 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

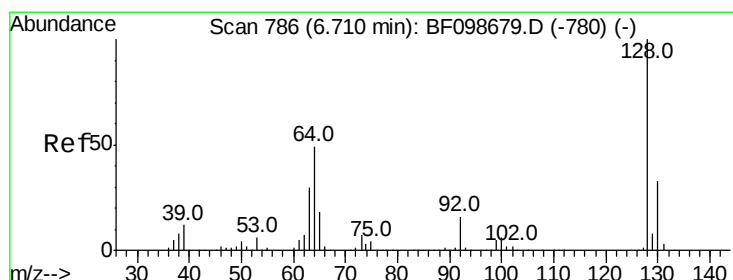
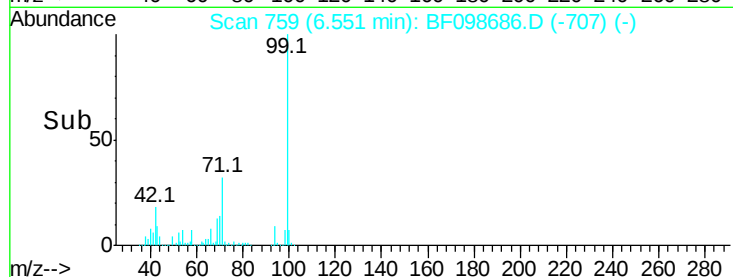
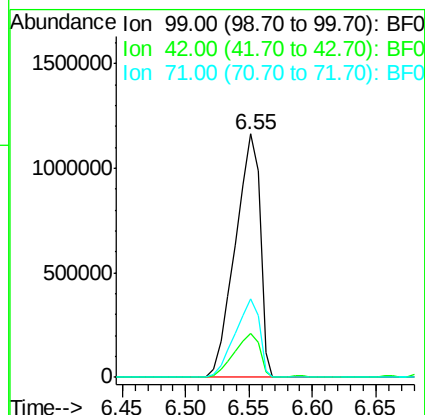
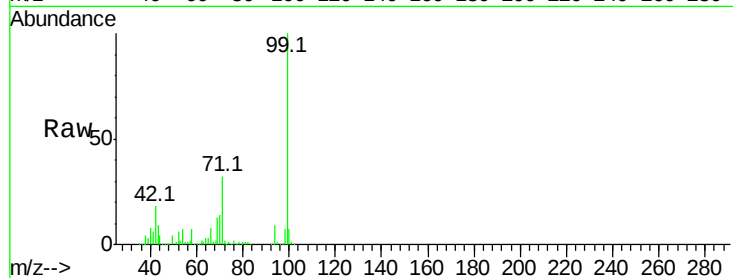
Tot Ion: 99 Resp: 1569606

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 39.419 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

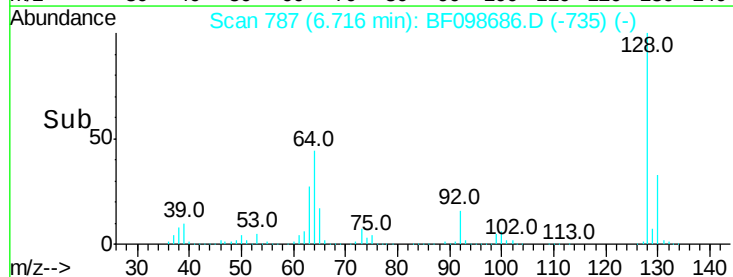
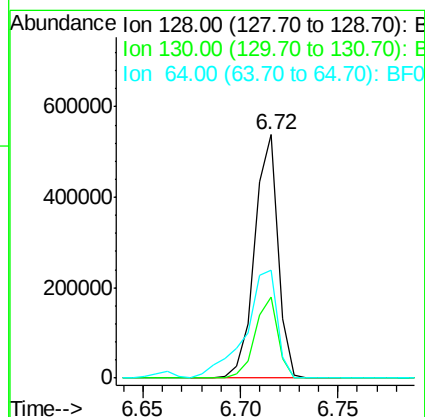
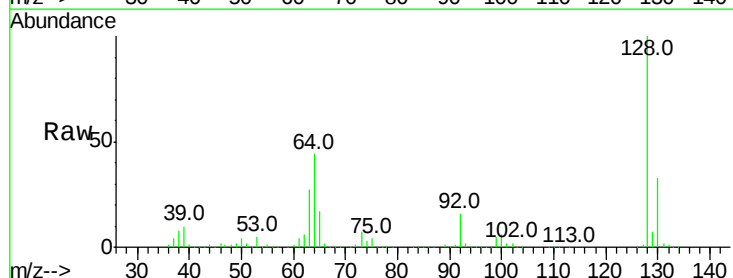
Tgt Ion: 128 Resp: 444095

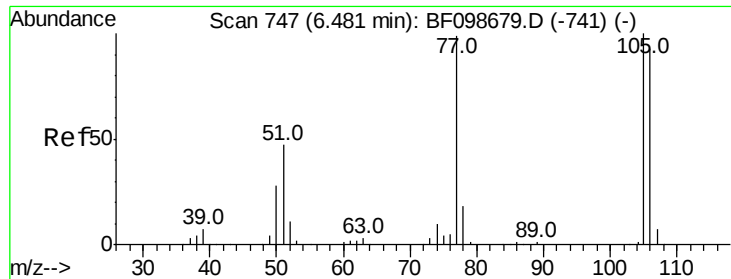
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 44.4 29.4 69.4

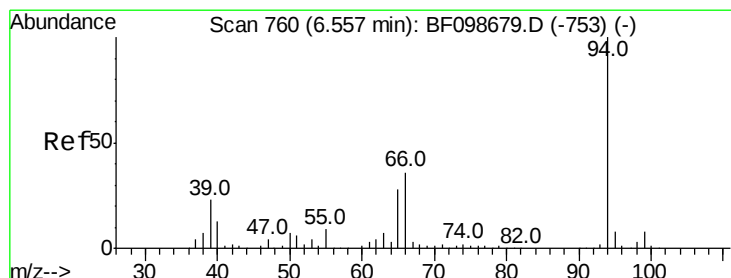
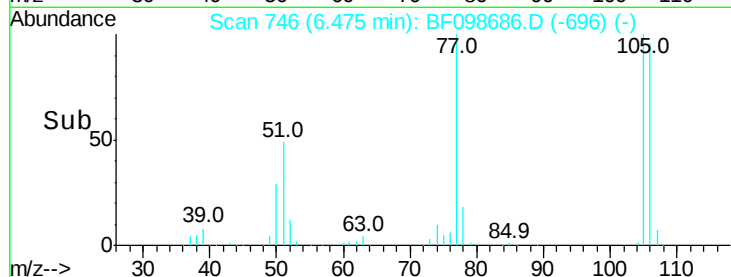
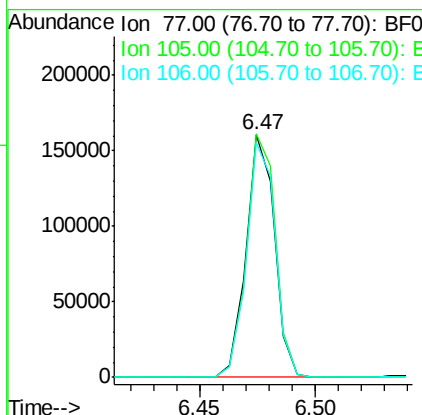
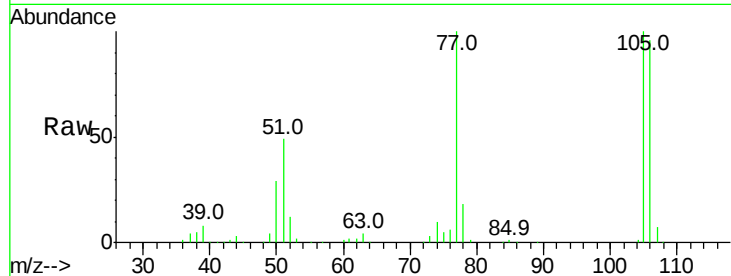




#9
Benzaldehyde
Concen: 19.695 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

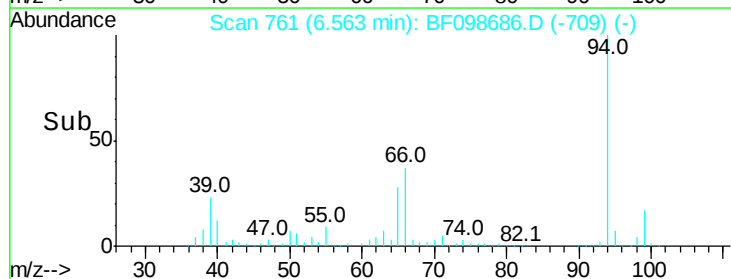
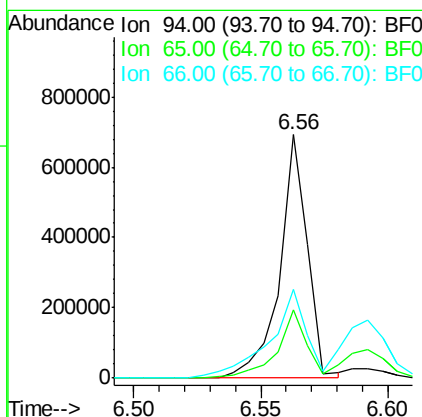
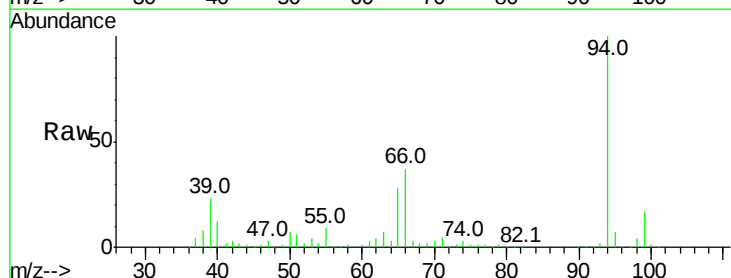
Instrument :
BNA_F
ClientSampleId :
PB102454BS

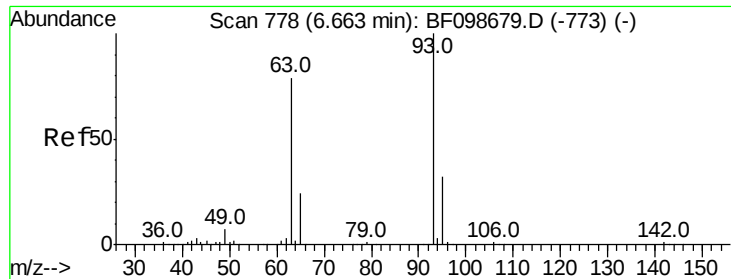
Tot Ion: 77 Resp: 138741
Ion Ratio Lower Upper
77 100
105 100.4 81.1 121.1
106 96.7 74.5 114.5



#10
Phenol
Concen: 38.111 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion: 94 Resp: 528289
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 36.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.759 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

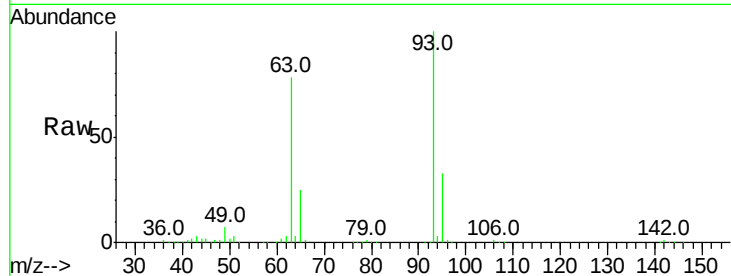
Tot Ion: 93 Resp: 424583

Ion Ratio Lower Upper

93 100

63 77.8 58.6 98.6

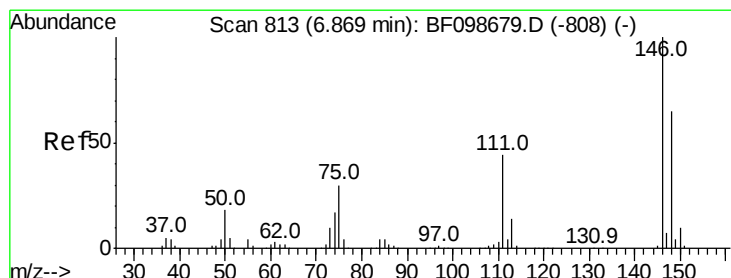
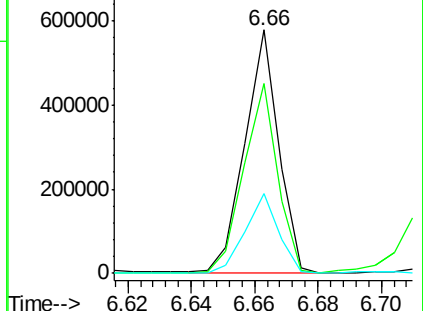
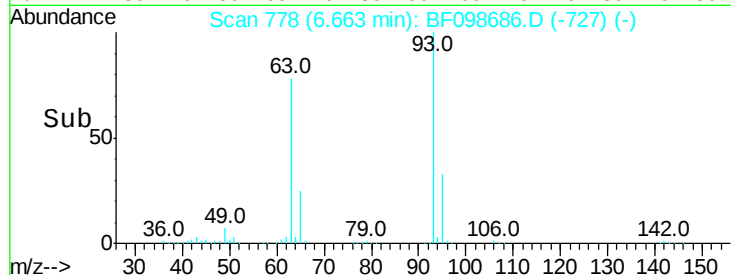
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.261 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

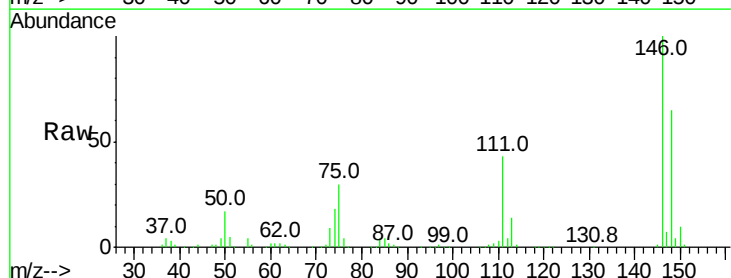
Tgt Ion: 146 Resp: 467205

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

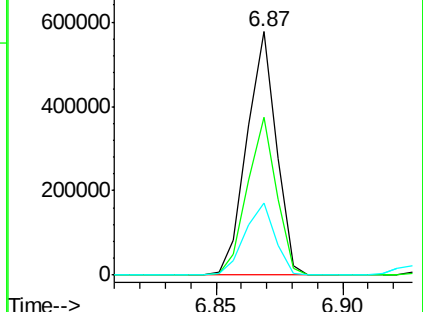
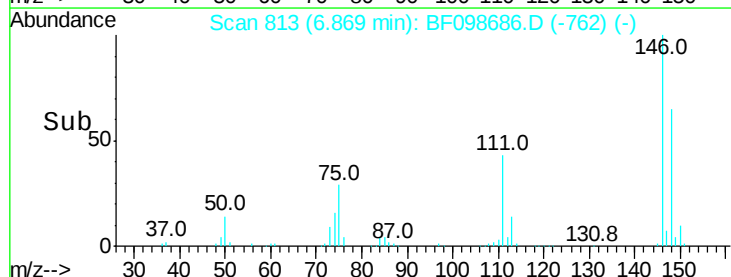
75 29.8 24.2 36.4

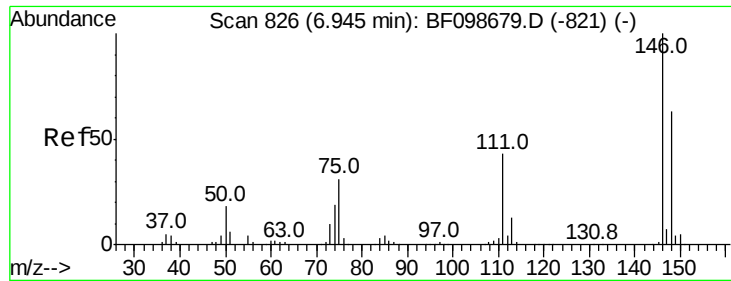


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

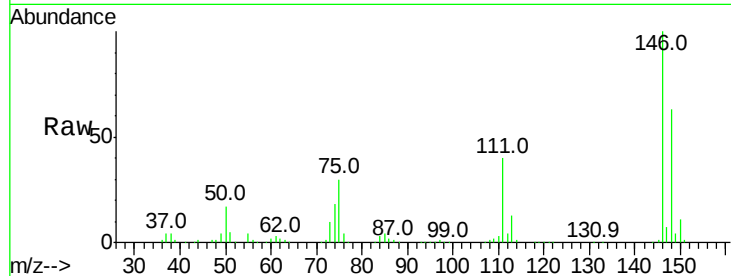




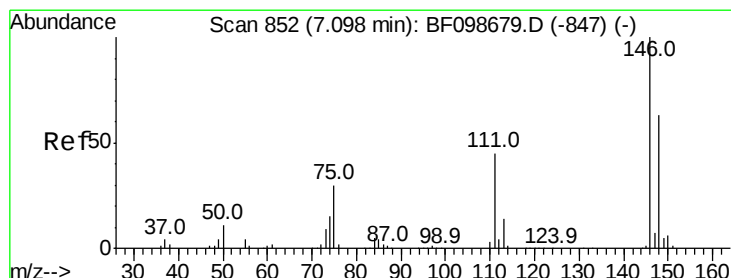
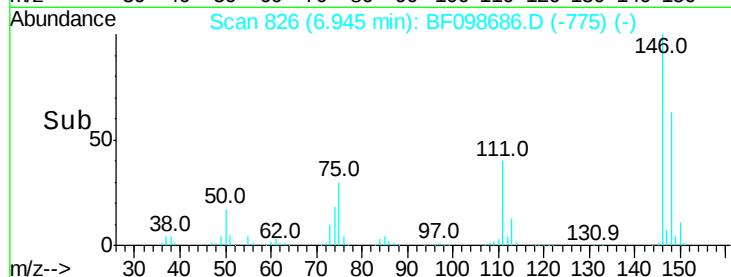
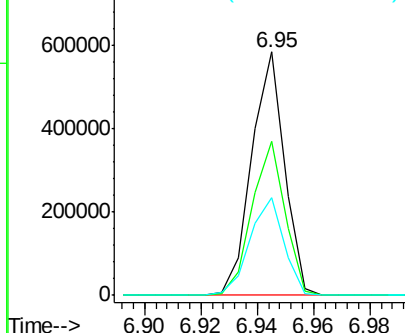
#13
 1,4-Dichlorobenzene
 Concen: 39.139 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion:146 Resp: 471403
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 40.0 34.2 51.2

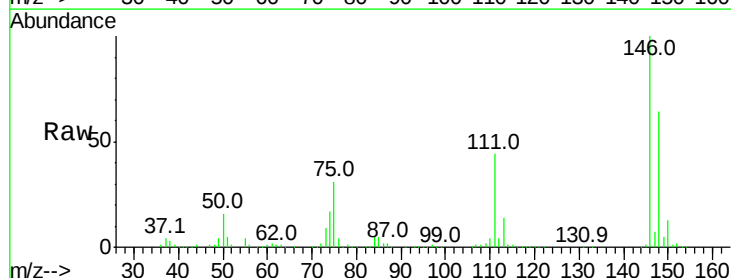


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

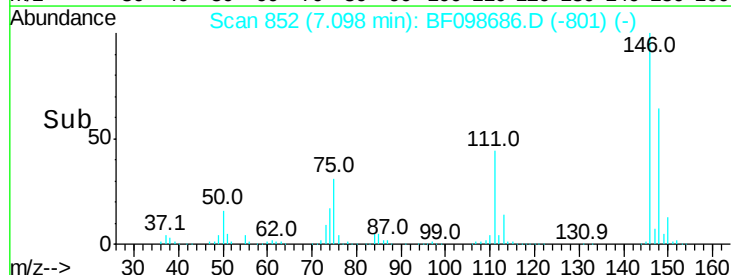
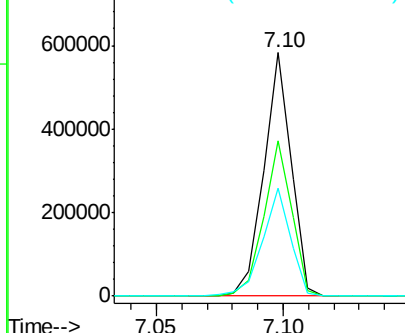


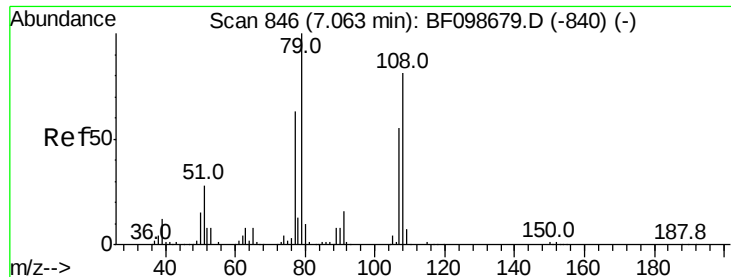
#14
 1,2-Dichlorobenzene
 Concen: 39.275 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion:146 Resp: 441148
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.1 36.0 54.0



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: 43.001 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

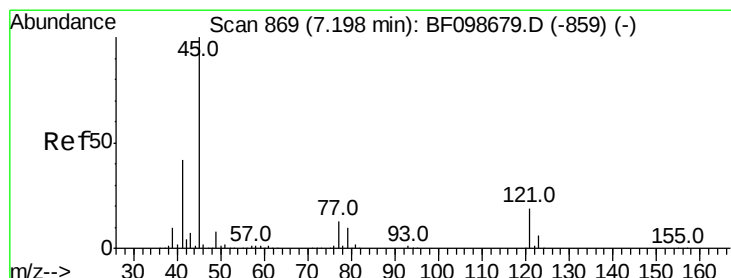
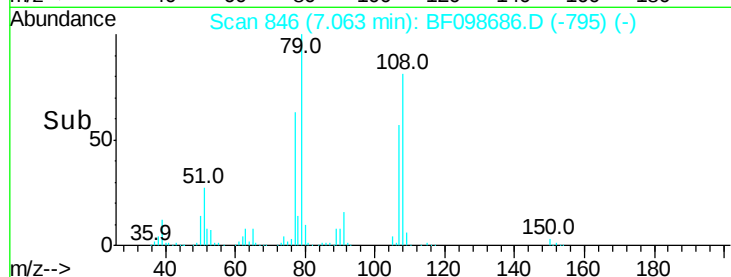
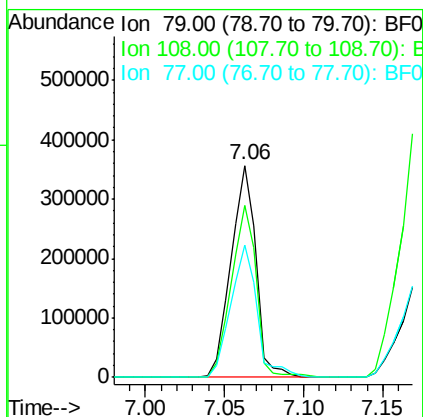
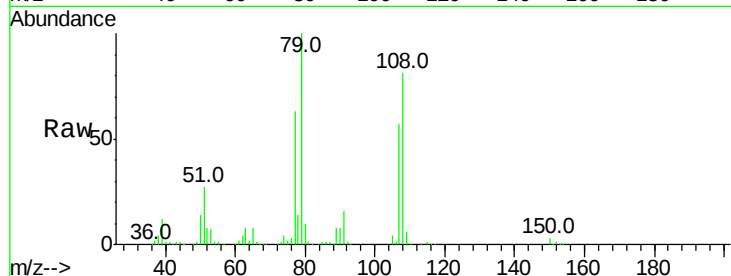
Tot Ion: 79 Resp: 389695

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.455 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

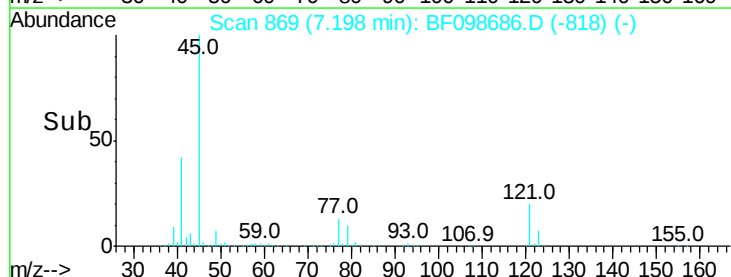
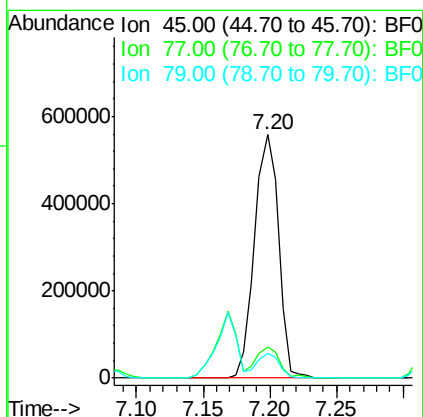
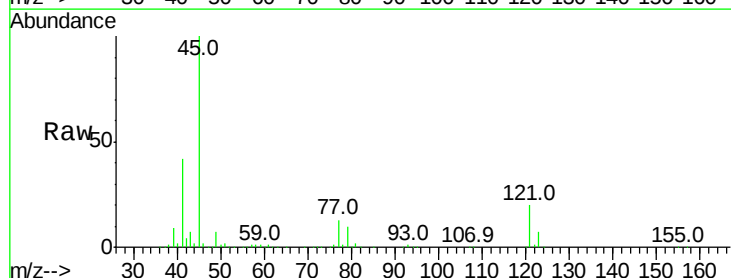
Tgt Ion: 45 Resp: 688446

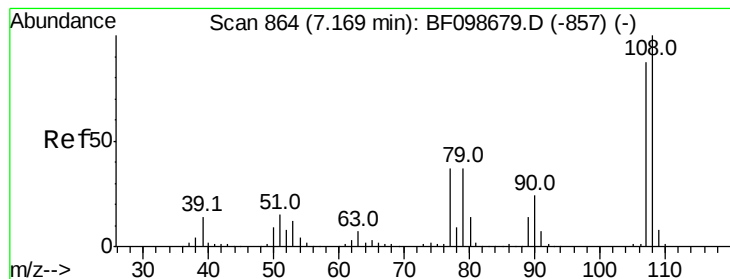
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.9

79 10.1 0.0 29.6





#17

2-Methylphenol

Concen: 41.375 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

Tot Ion:107 Resp: 379829

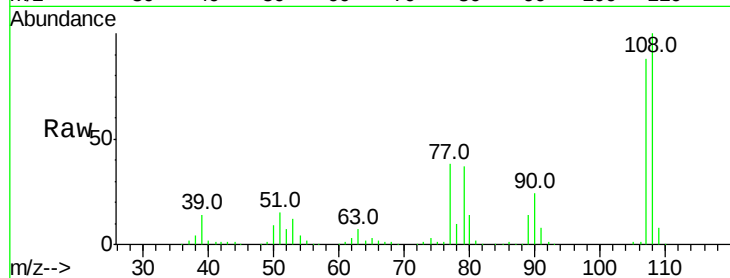
Ion Ratio Lower Upper

107 100

108 113.8 91.7 137.5

77 42.8 33.8 50.8

79 41.9 33.8 50.8

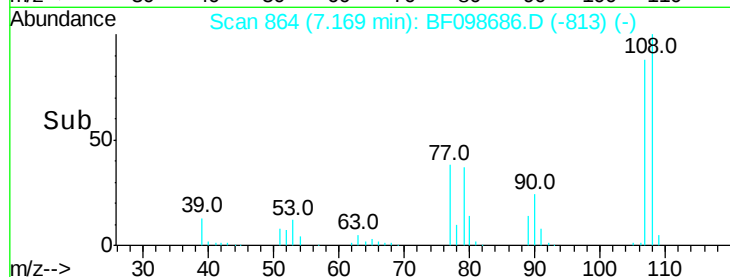


Abundance Ion 107.00 (106.70 to 107.70): E

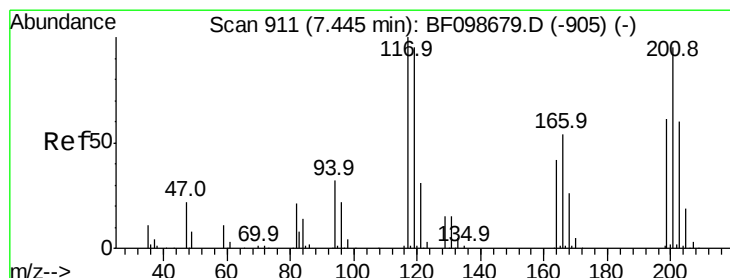
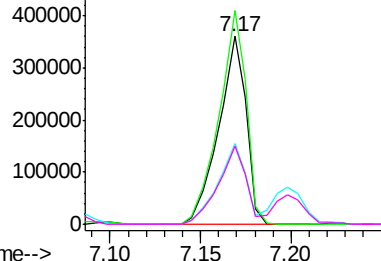
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.198 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

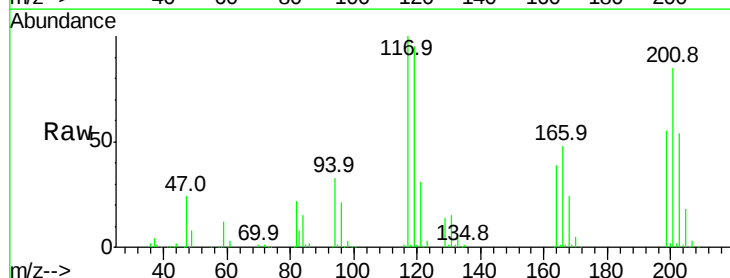
Tgt Ion:117 Resp: 170820

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

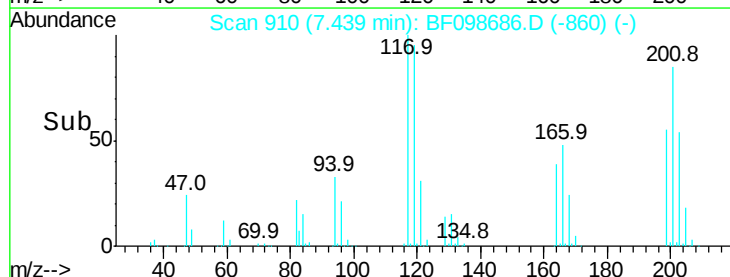
201 84.7 75.7 113.5



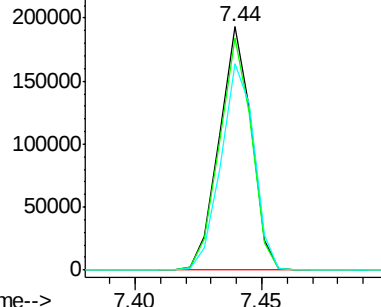
Abundance Ion 117.00 (116.70 to 117.70): E

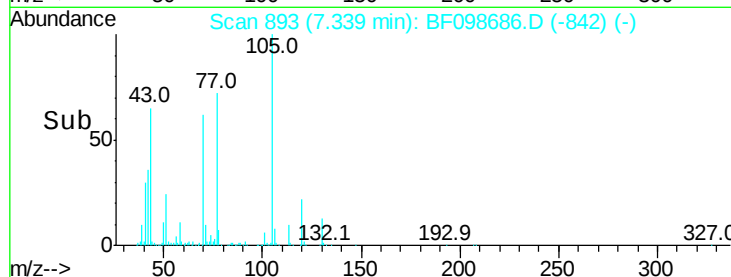
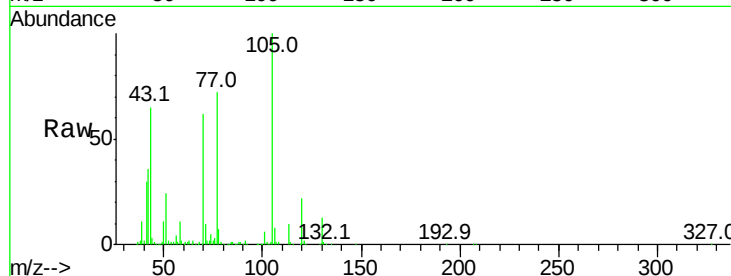
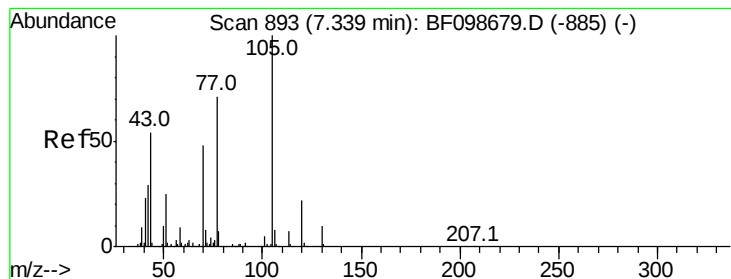
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 39.010 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

Tot Ion: 70 Resp: 303513

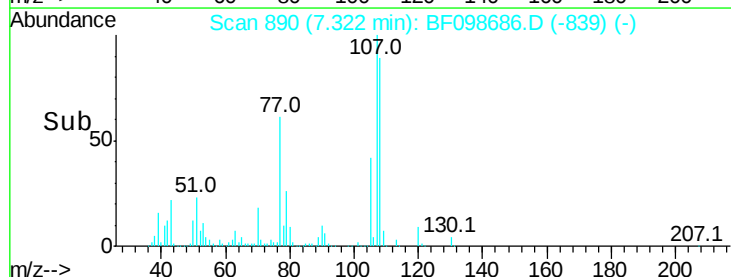
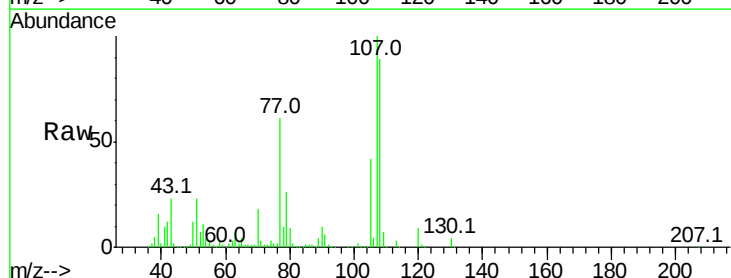
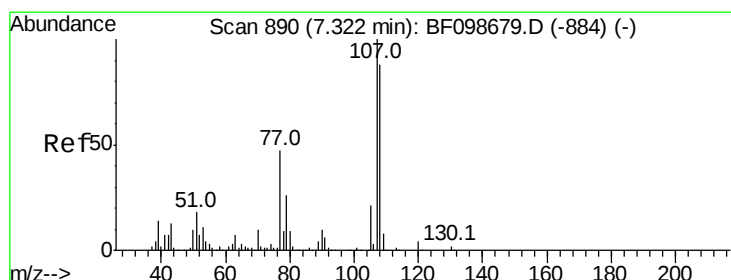
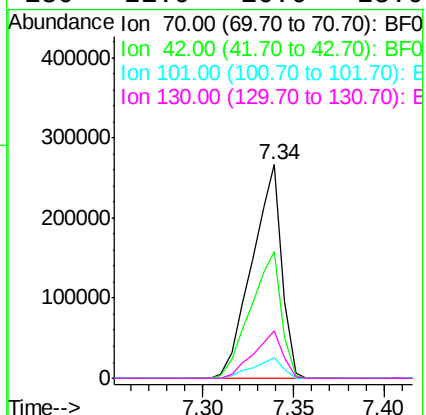
Ion Ratio Lower Upper

70 100

42 59.2 47.5 71.3

101 9.7 7.4 11.2

130 21.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.125 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion: 107 Resp: 474918

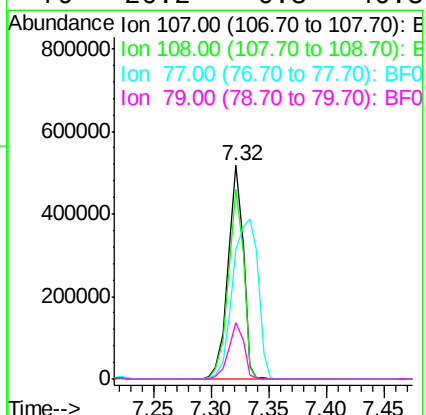
Ion Ratio Lower Upper

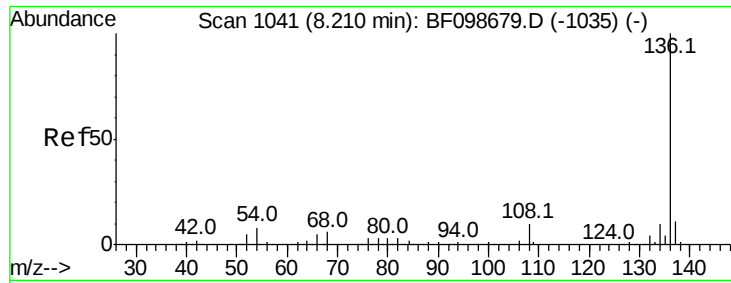
107 100

108 88.8 68.2 108.2

77 60.5 26.7 66.7

79 26.2 6.3 46.3

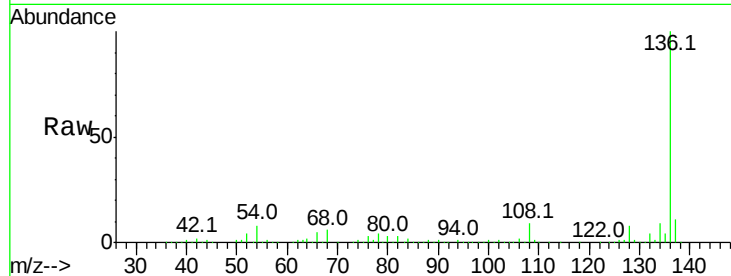




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion:136	Resp: 662730
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.0	6.6 9.8
68 5.9	5.0 7.4

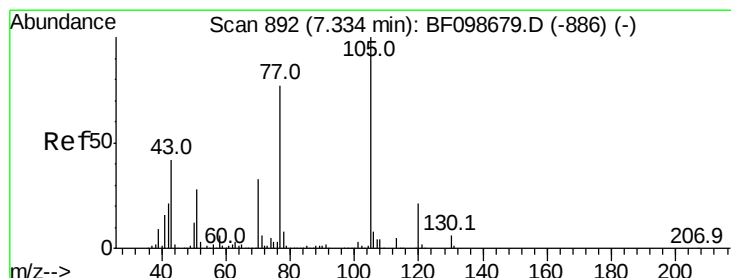
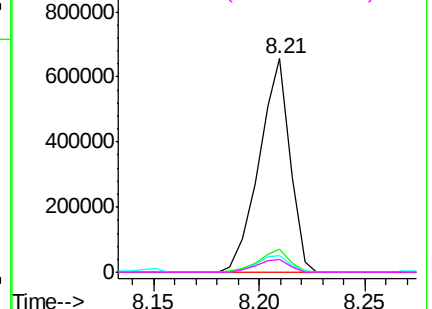
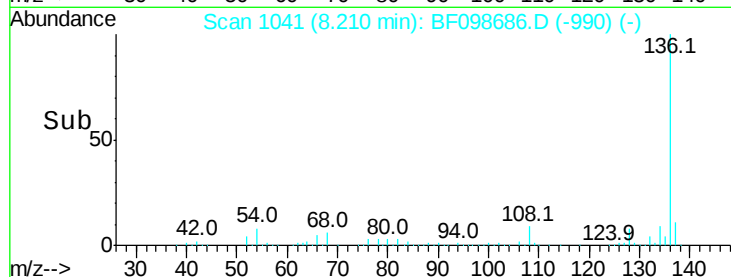


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

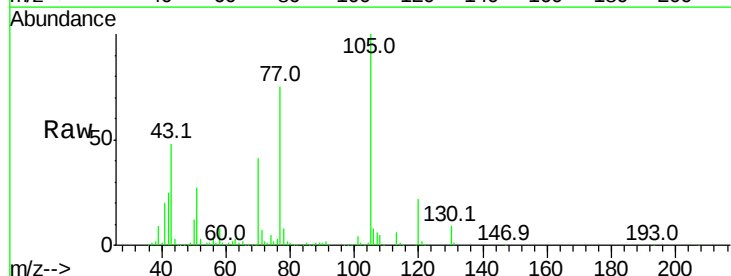
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.230 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt	Ion:105	Resp:	610352
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	27.0	22.3	33.5
120	21.6	16.9	25.3

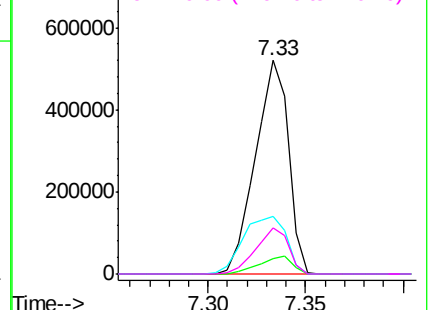
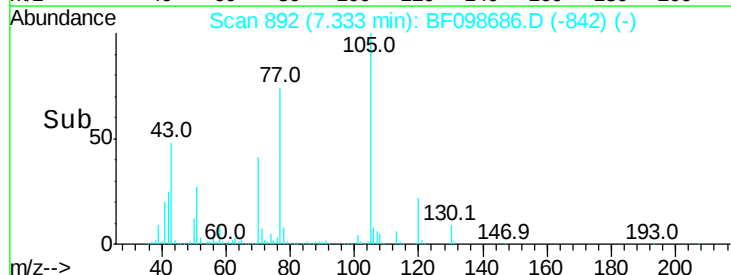


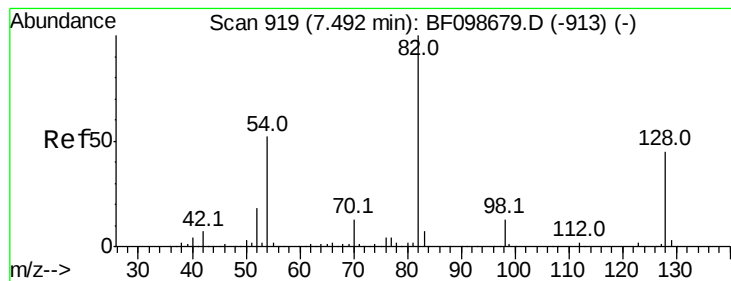
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.253 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleID :

PB102454BS

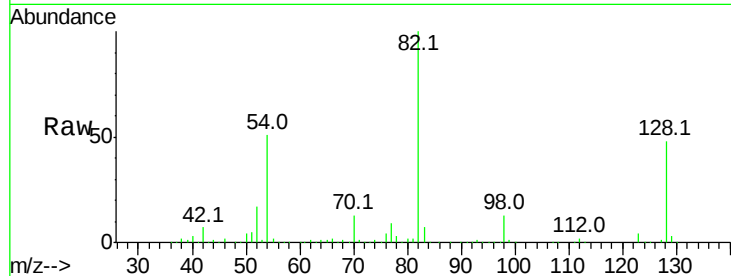
Tot Ion: 82 Resp: 950198

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

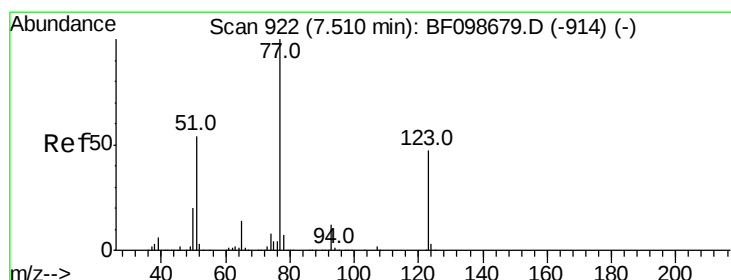
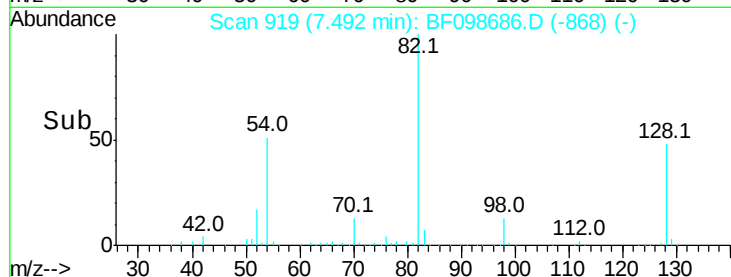
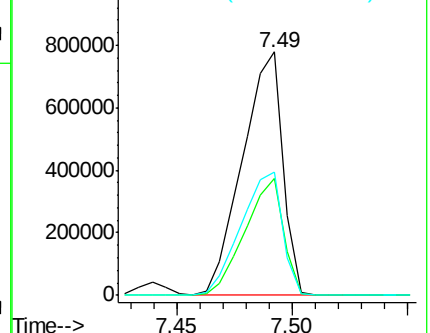
54 50.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.065 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

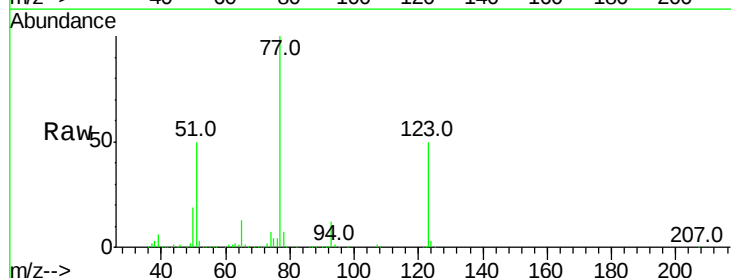
Tgt Ion: 77 Resp: 463386

Ion Ratio Lower Upper

77 100

123 49.5 37.9 56.9

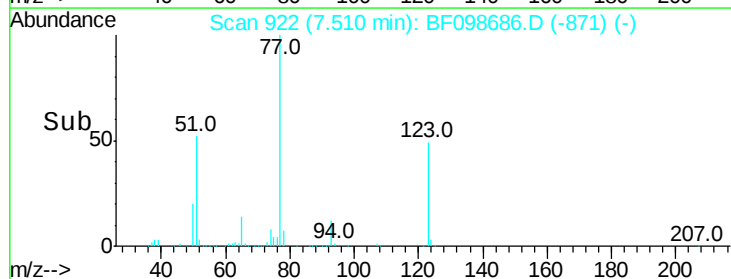
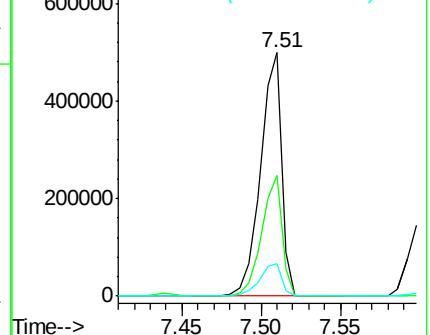
65 13.1 11.0 16.4

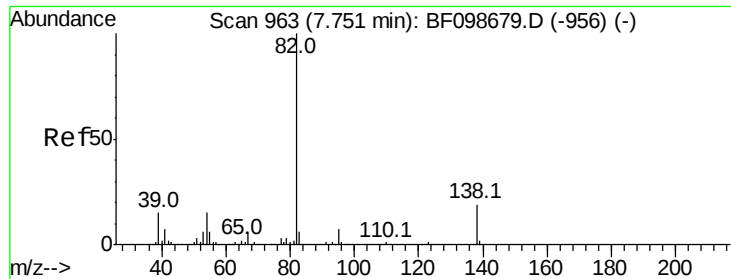


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.677 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

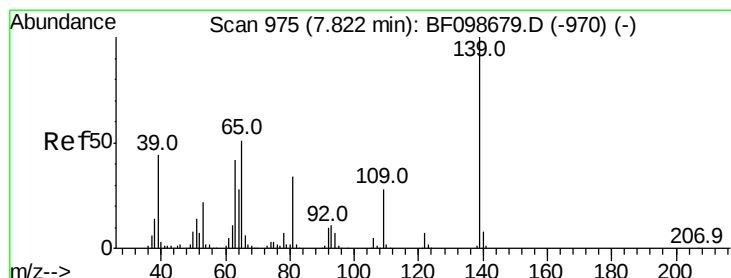
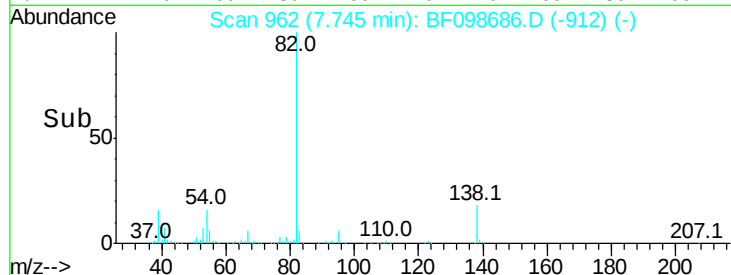
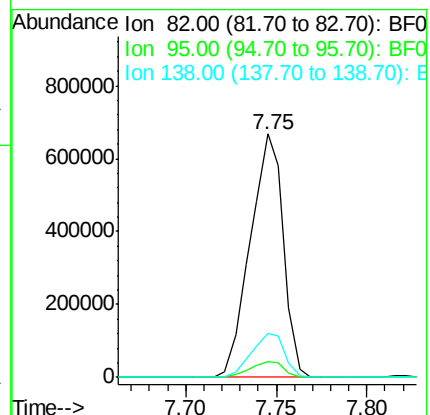
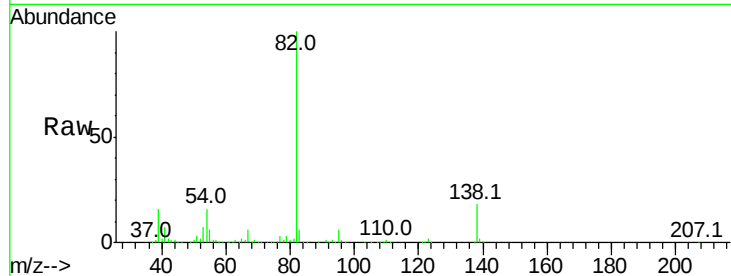
Tot Ion: 82 Resp: 845455

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 45.165 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

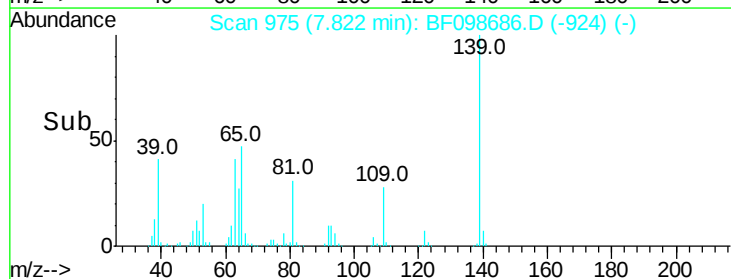
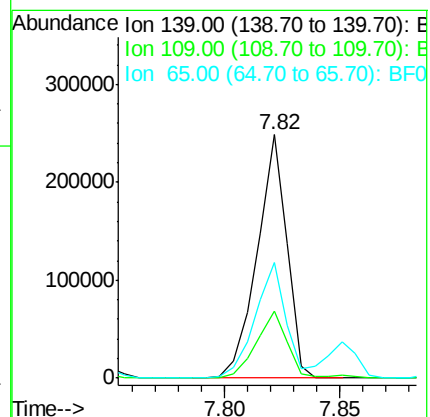
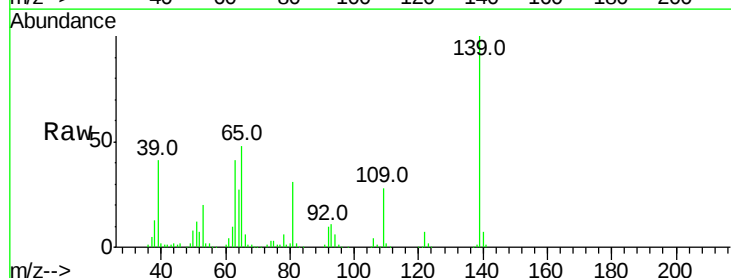
Tgt Ion: 139 Resp: 223863

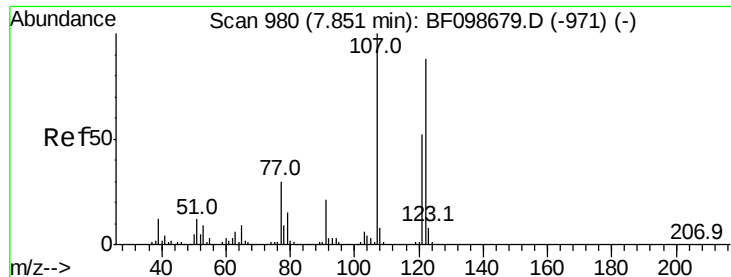
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 47.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.467 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

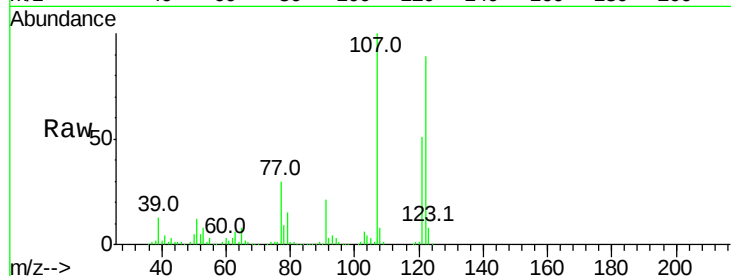
Tot Ion:122 Resp: 423471

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

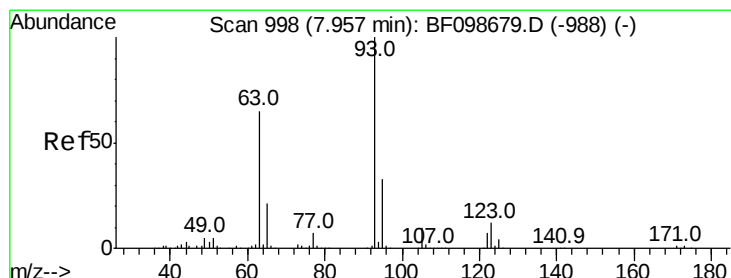
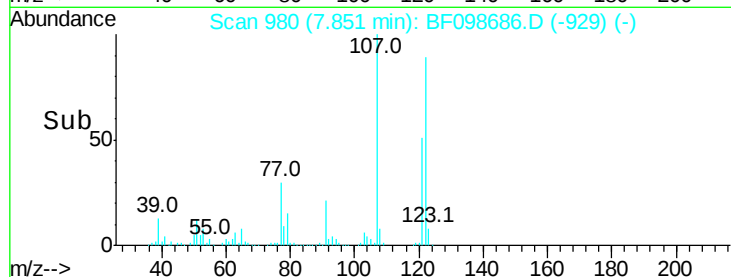
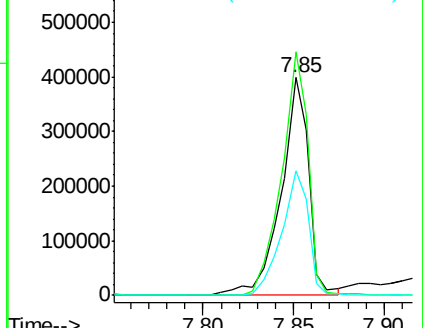
121 57.2 47.2 70.8



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: 40.860 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

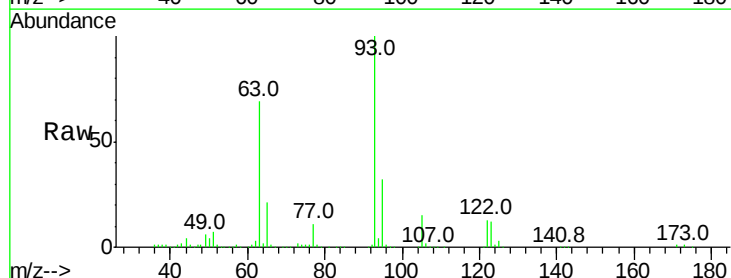
Tgt Ion: 93 Resp: 541766

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

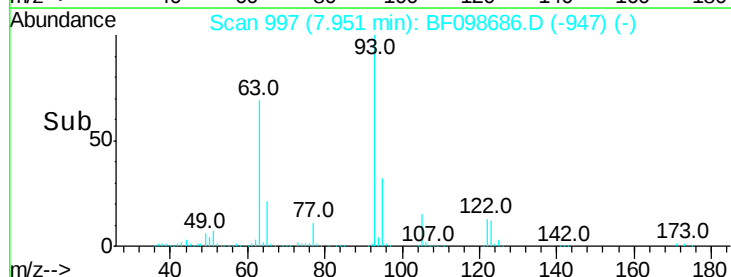
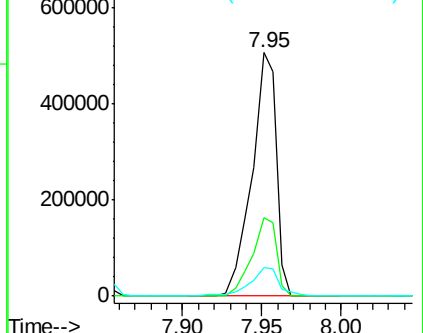
123 11.7 9.8 14.6

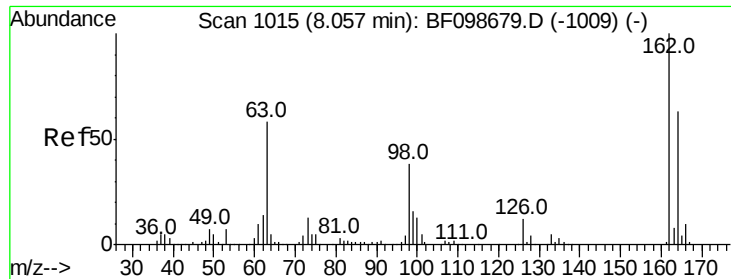


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

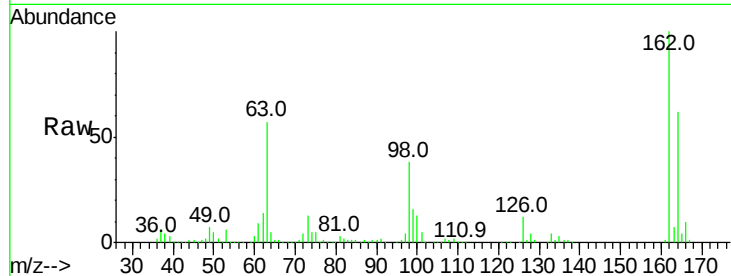




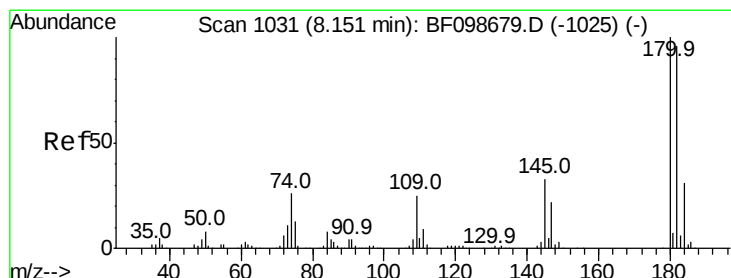
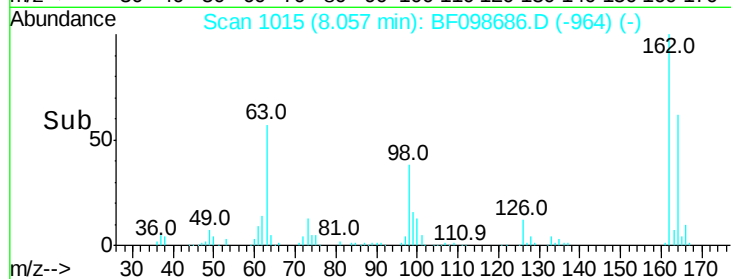
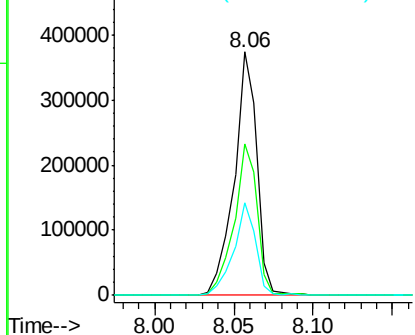
#29
 2,4-Dichlorophenol
 Concen: 41.303 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	38.2	18.1	58.1

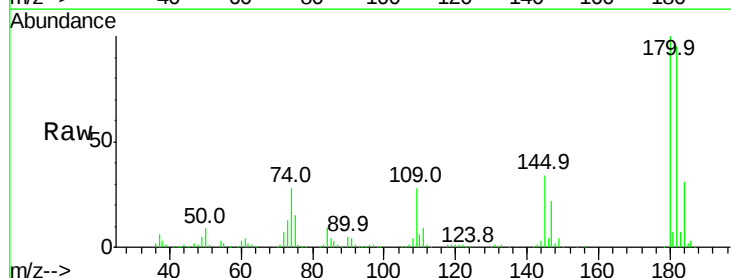


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

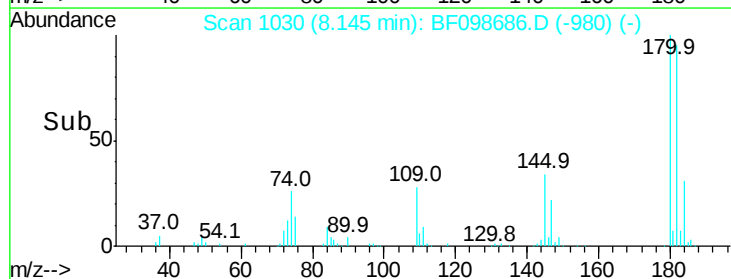
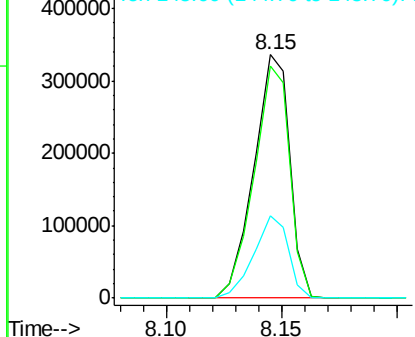


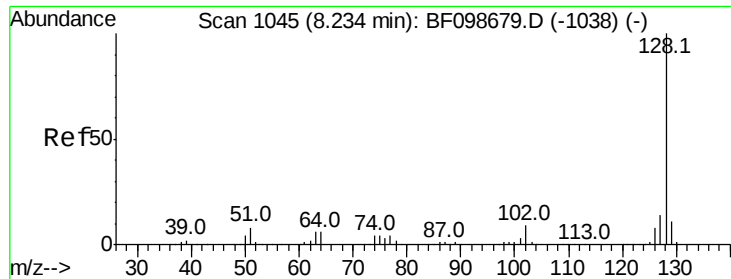
#30
 1,2,4-Trichlorobenzene
 Concen: 40.236 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	33.9	26.5	39.7



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

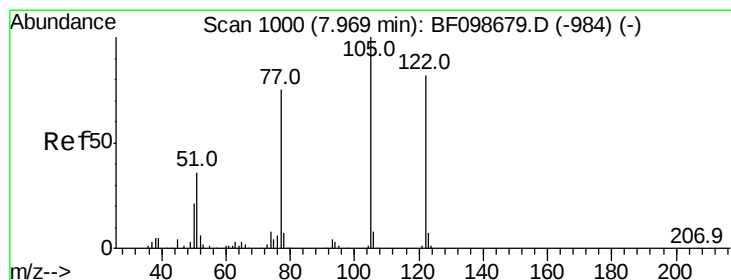
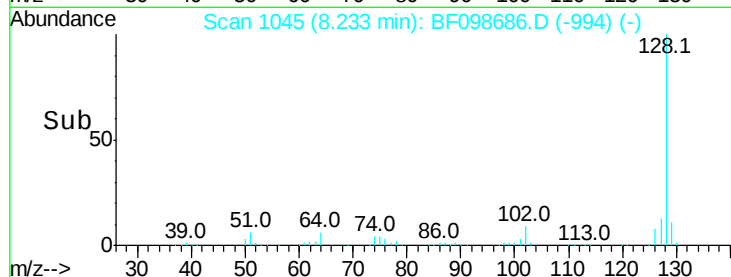
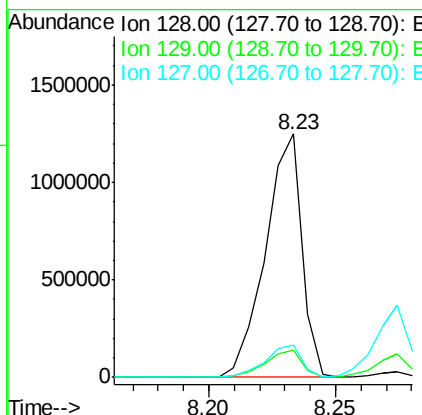
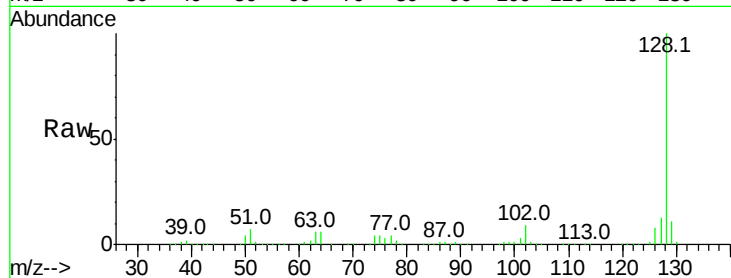




#31
Naphthalene
Concen: 40.079 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

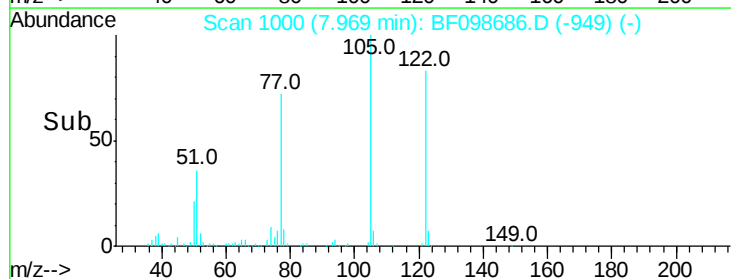
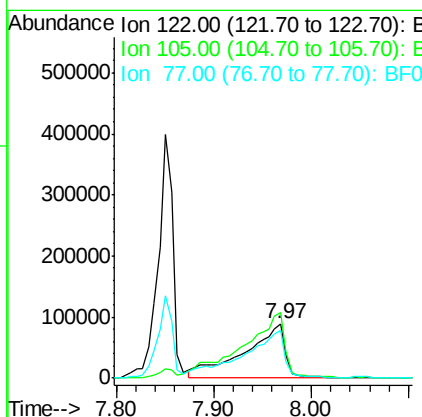
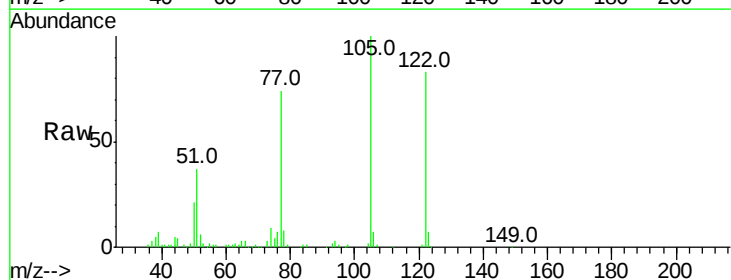
Instrument :
BNA_F
ClientSampleId :
PB102454BS

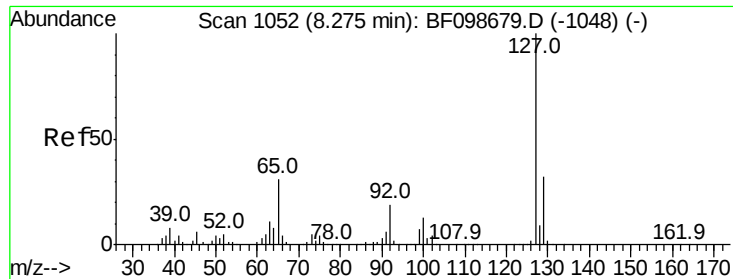
Tot Ion:128 Resp: 1260686
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 39.200 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:122 Resp: 257019
Ion Ratio Lower Upper
122 100
105 120.2 101.1 141.1
77 88.8 70.7 110.7

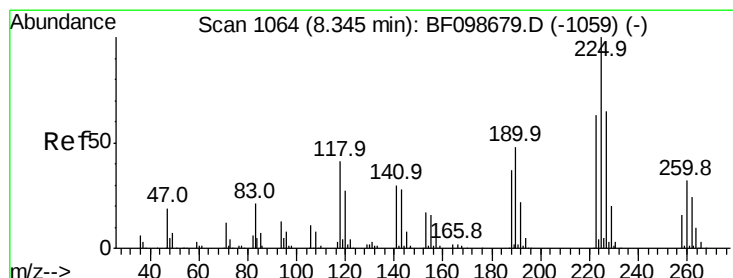
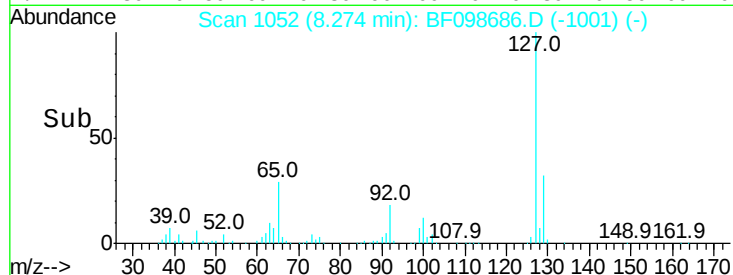
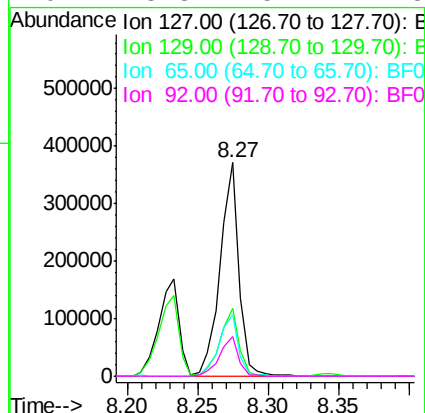
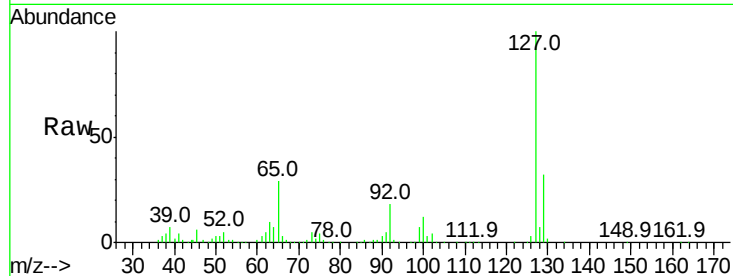




#33
4-Chloroaniline
Concen: 26.214 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

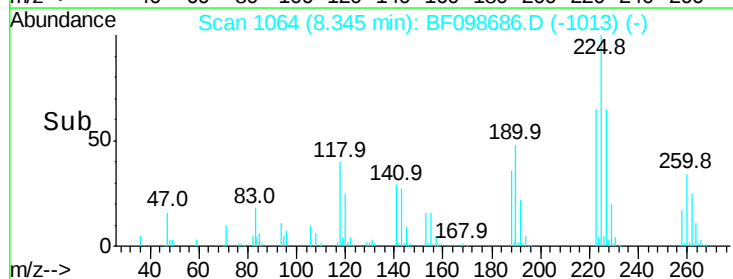
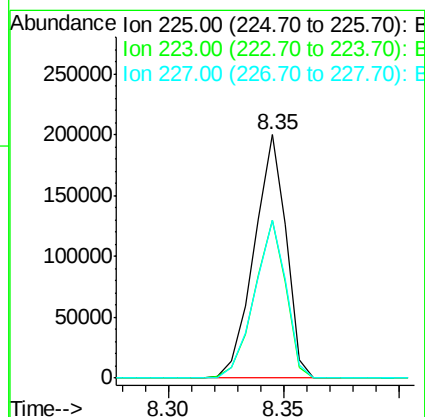
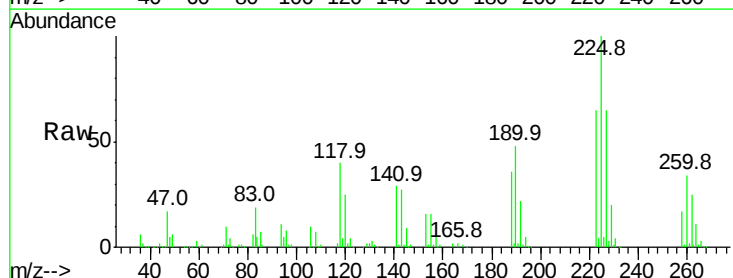
Instrument :
BNA_F
ClientSampleId :
PB102454BS

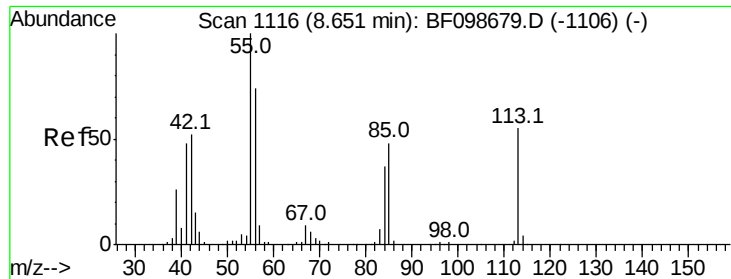
Tot Ion:	127	Resp:	342811
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.9	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.563 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:	225	Resp:	193522
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	65.0	51.9	77.9





#35

Caprolactam

Concen: 23.073 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

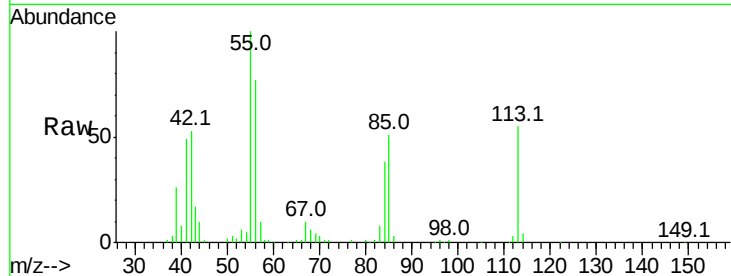
Tot Ion:113 Resp: 64766

Ion Ratio Lower Upper

113 100

55 183.0 163.3 203.3

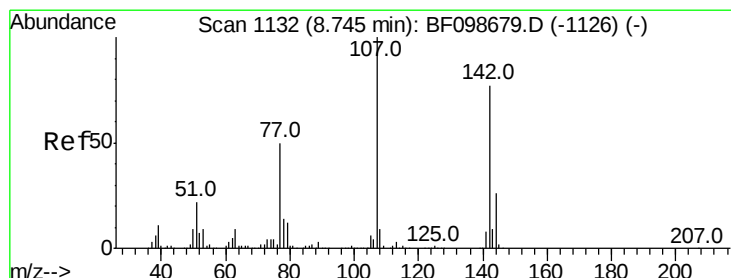
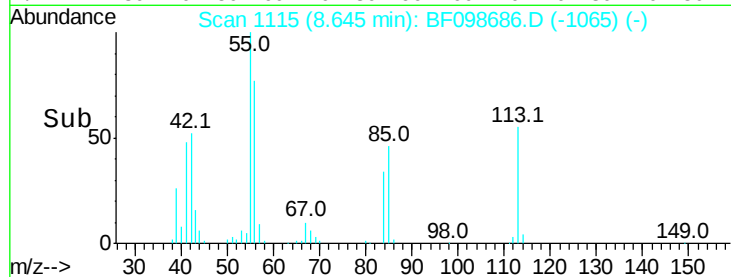
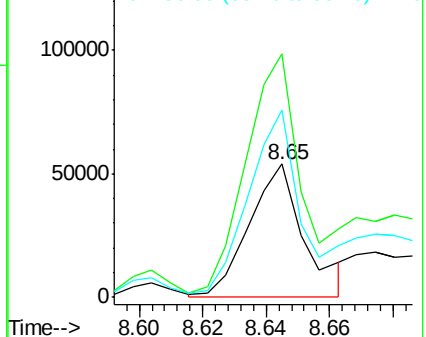
56 140.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.016 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

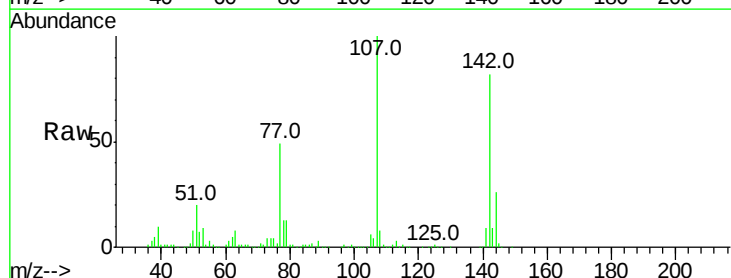
Tgt Ion:107 Resp: 400888

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

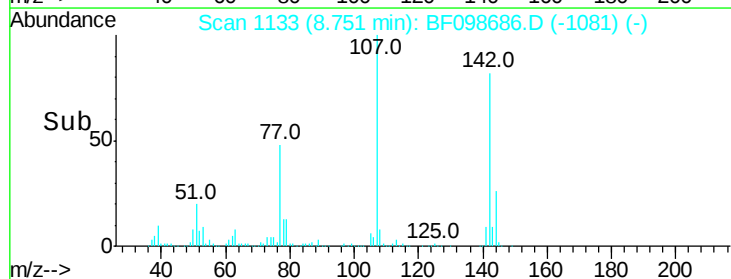
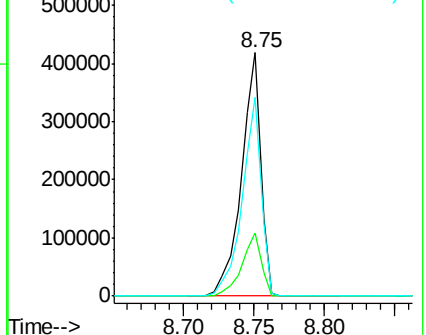
142 81.7 62.0 93.0

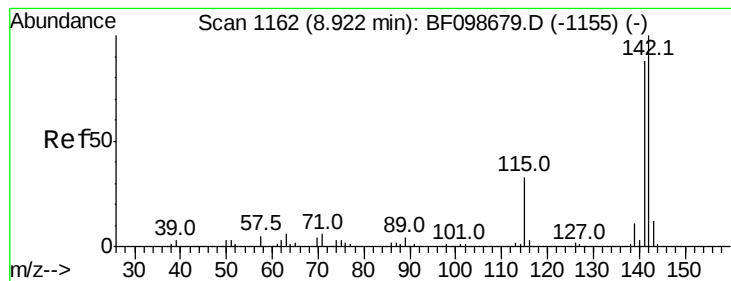


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

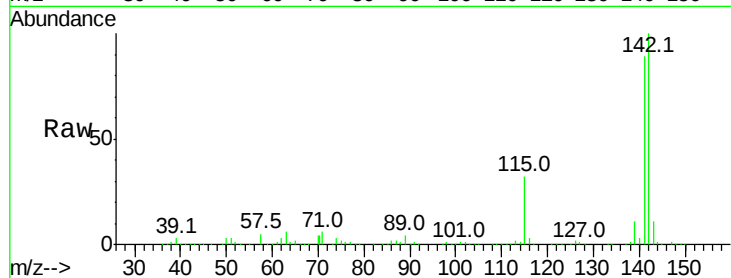




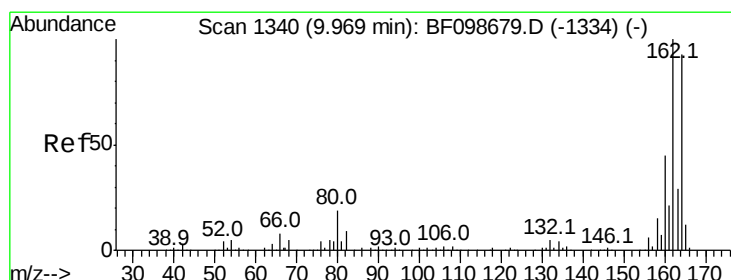
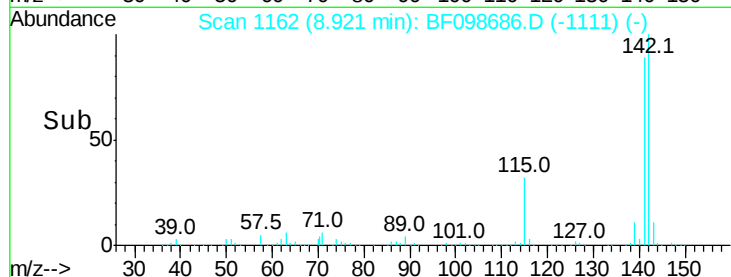
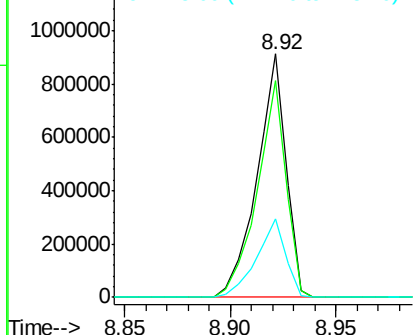
#37
 2-Methylnaphthalene
 Concen: 43.144 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.1	26.1	39.1

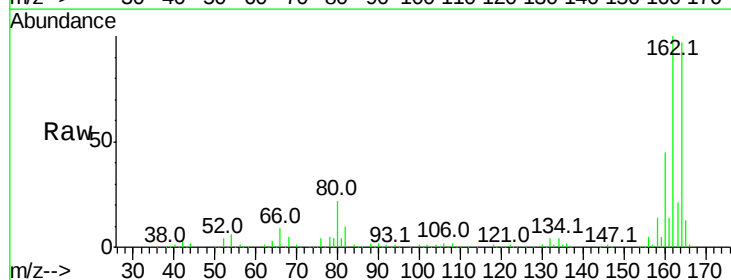


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

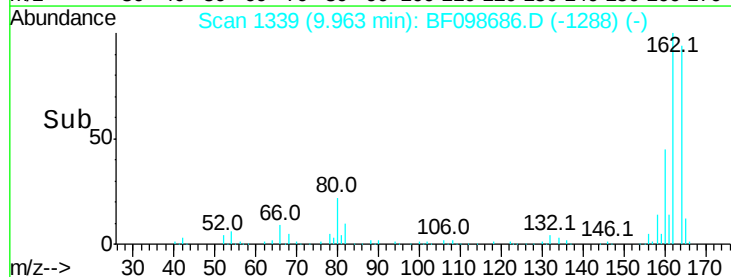
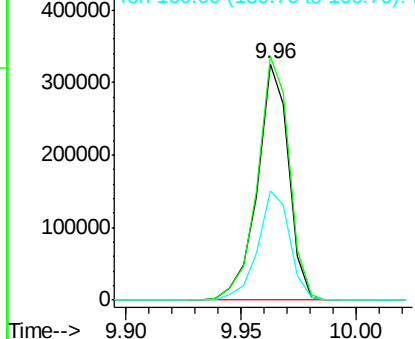


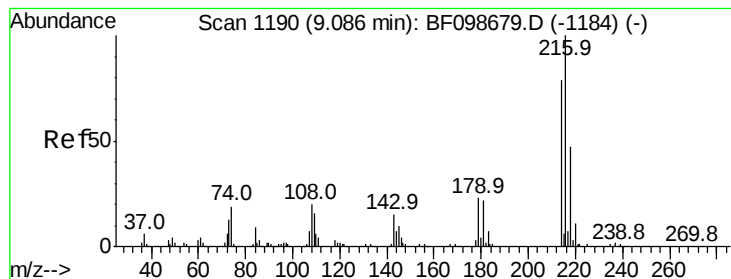
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.3	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.876 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

Tot Ion:216 Resp: 317037

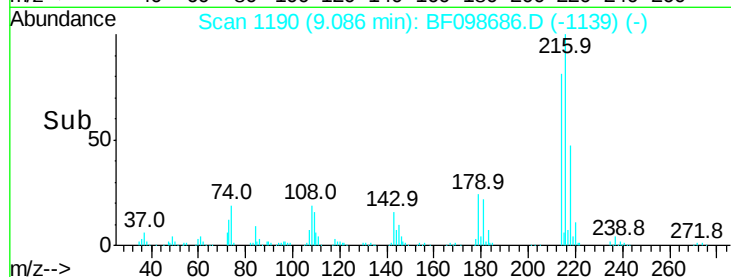
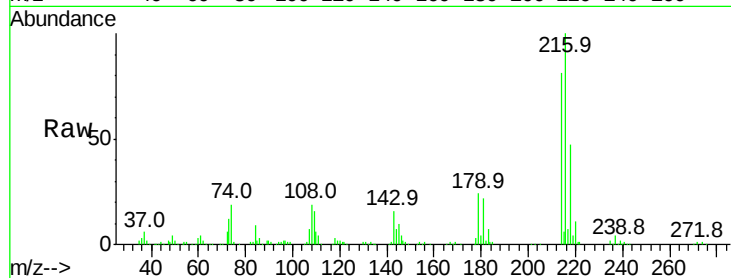
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.9 18.1 27.1

108 23.9 17.2 25.8

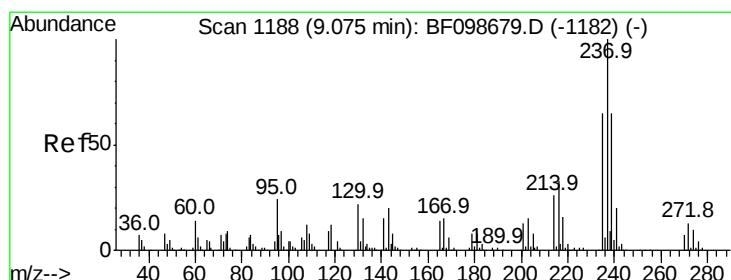
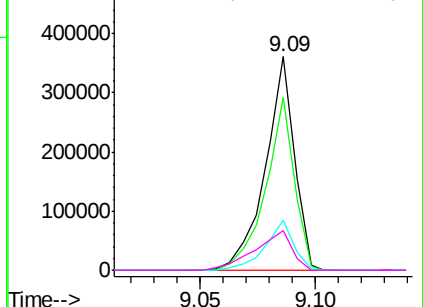


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 101.693 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

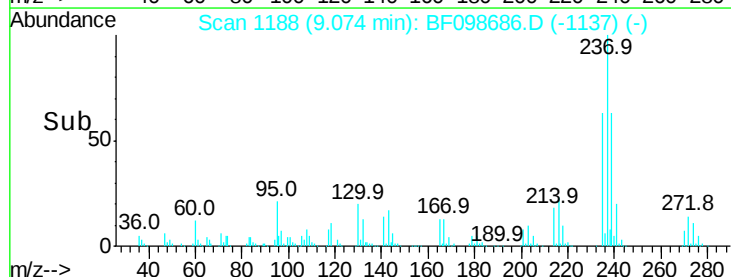
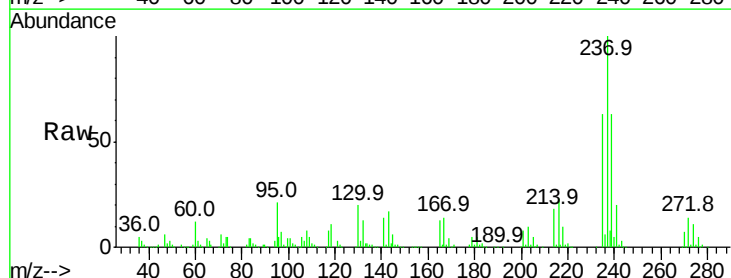
Tgt Ion:237 Resp: 401717

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

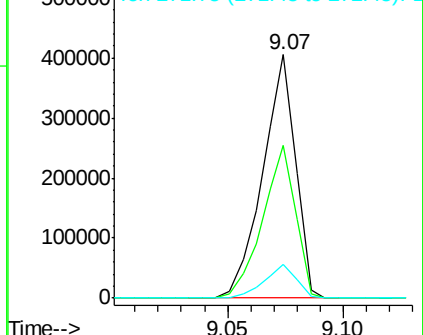
272 13.7 0.0 33.3

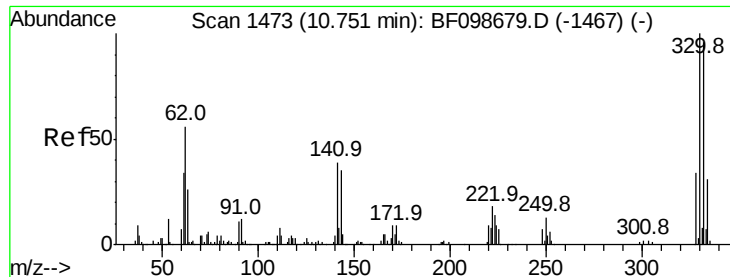


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

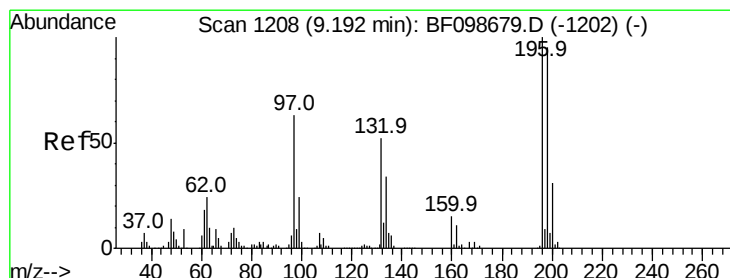
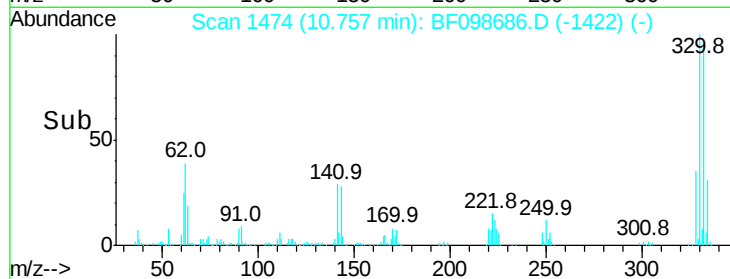
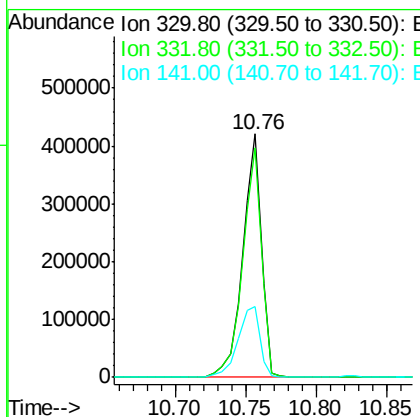
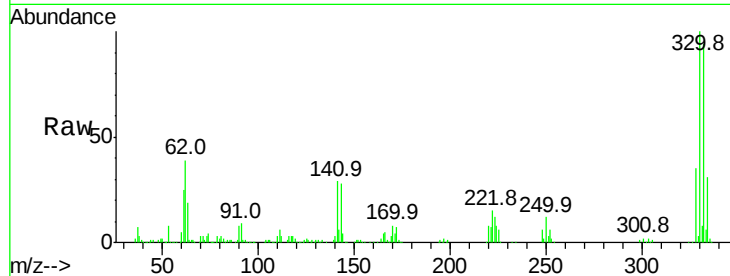




#41
 2,4,6-Tribromophenol
 Concen: 138.083 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

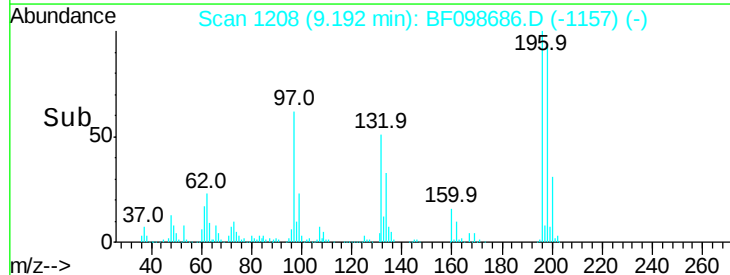
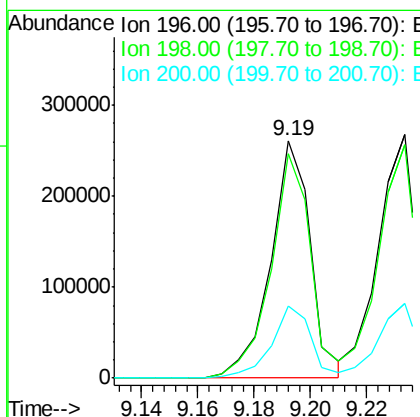
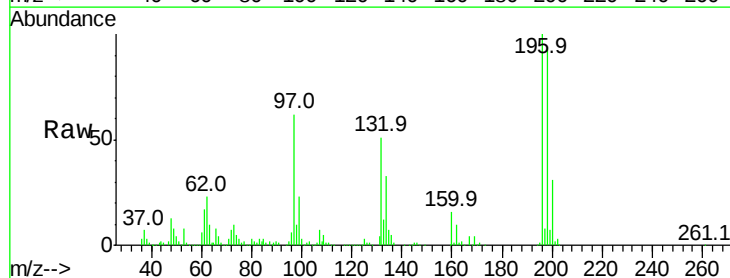
Instrument :
 BNA_F
 ClientSampled :
 PB102454BS

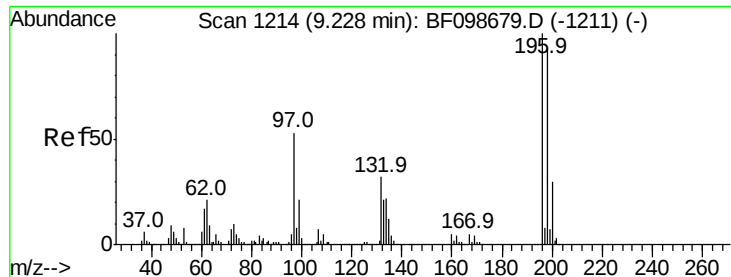
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.699 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.5	24.5	36.7

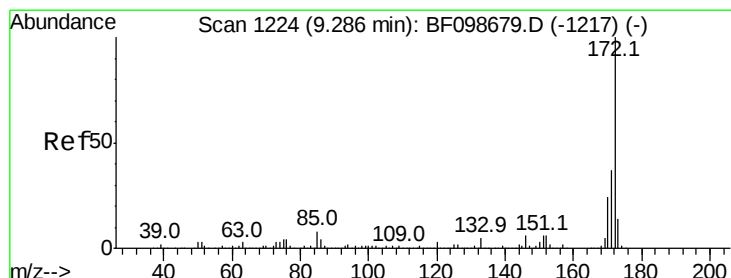
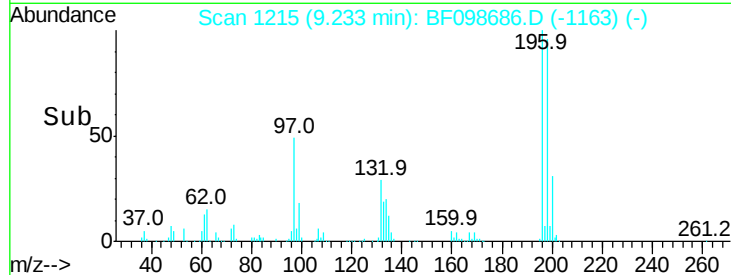
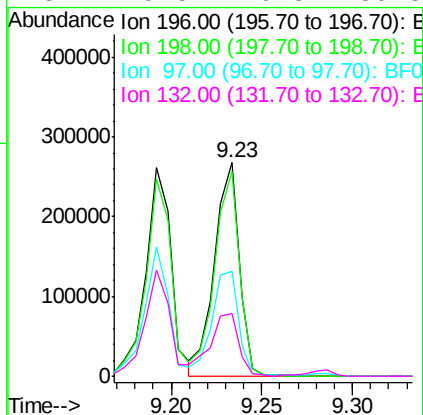
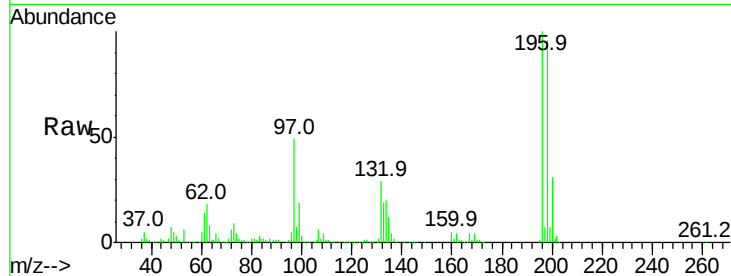




#43
 2,4,5-Trichlorophenol
 Concen: 40.632 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

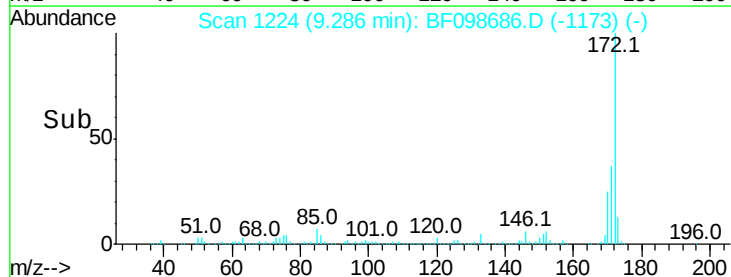
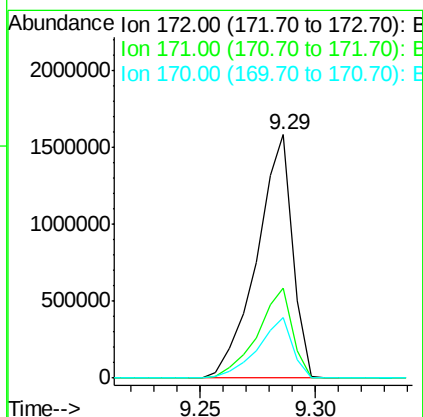
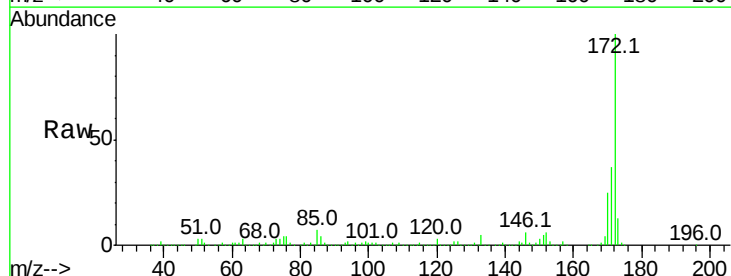
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

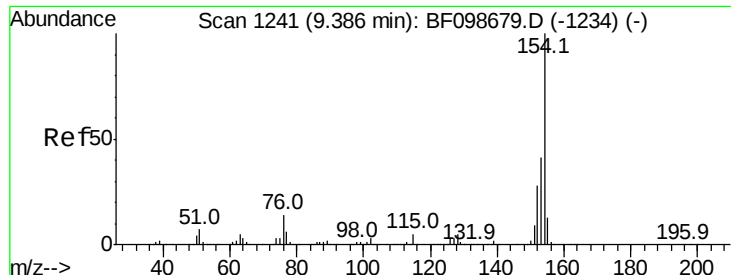
Tot Ion:	196	Resp:	255241
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	49.3	42.9	64.3
132	29.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 88.042 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion:	172	Resp:	1700579
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.292 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

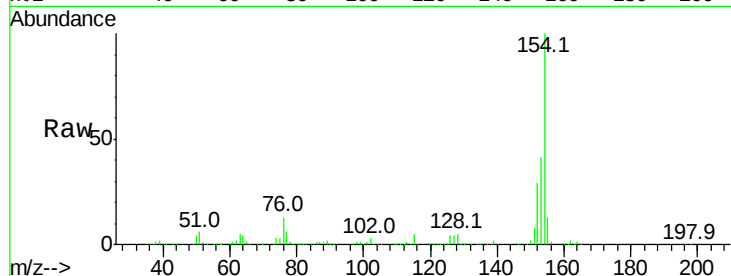
Tot Ion:154 Resp: 984739

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

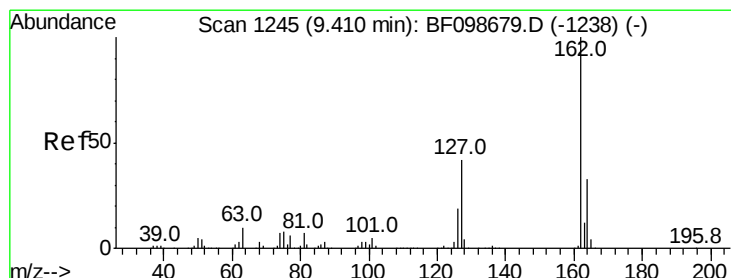
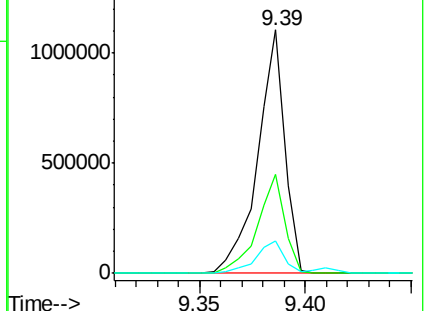
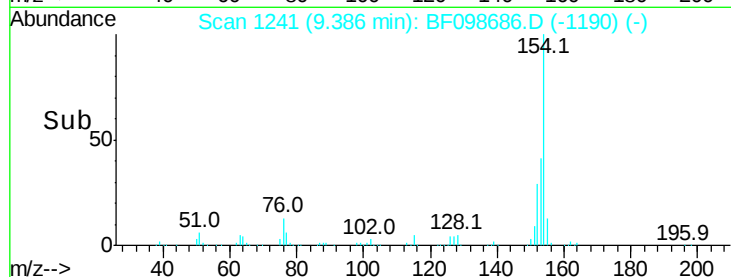
76 13.5 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 39.296 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

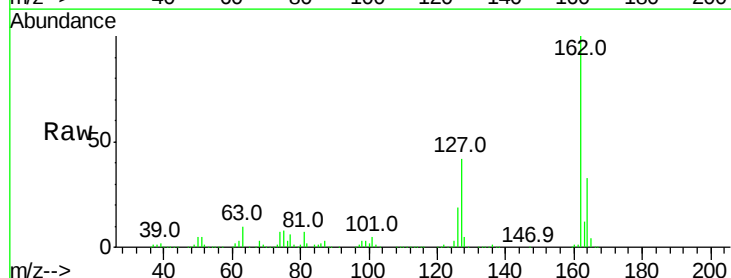
Tgt Ion:162 Resp: 778124

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

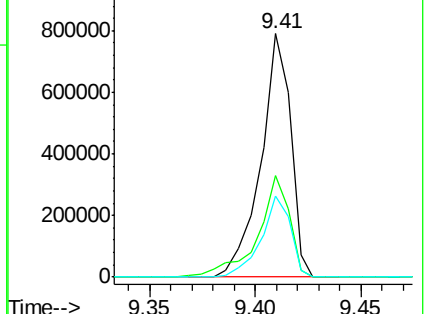
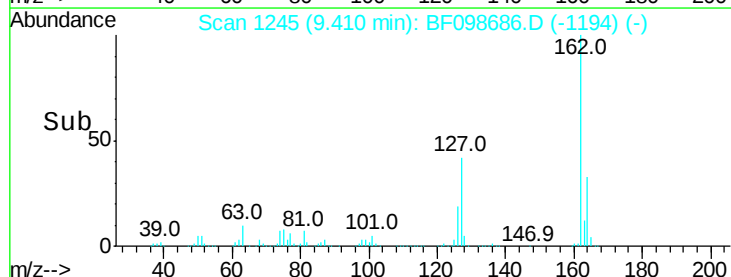
164 33.1 26.5 39.7

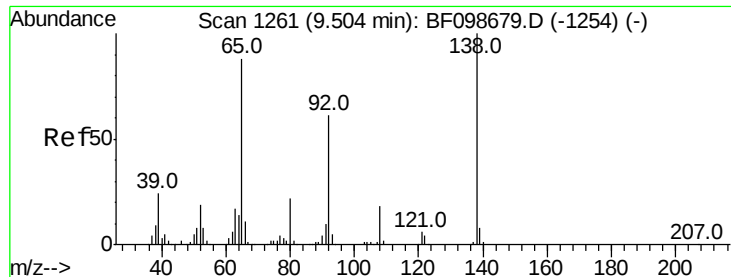


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.336 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

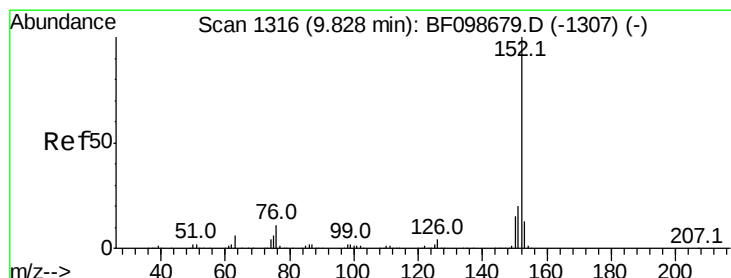
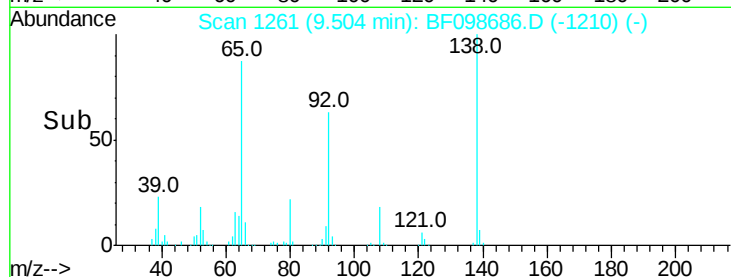
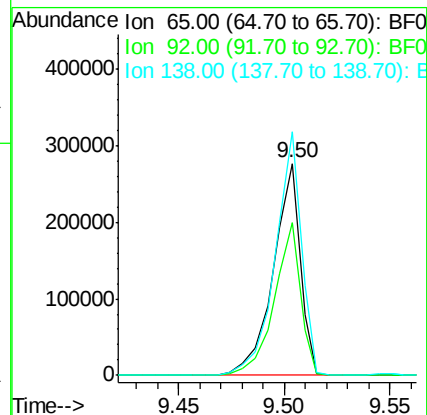
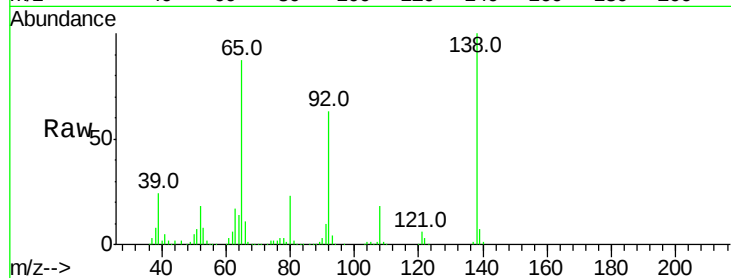
Tot Ion: 65 Resp: 246499

Ion Ratio Lower Upper

65 100

92 71.8 55.8 83.6

138 114.8 91.2 136.8



#48

Acenaphthylene

Concen: 39.379 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

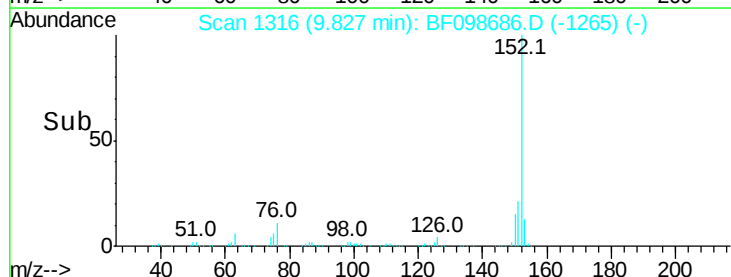
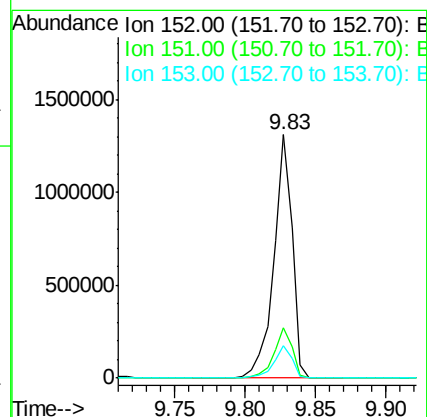
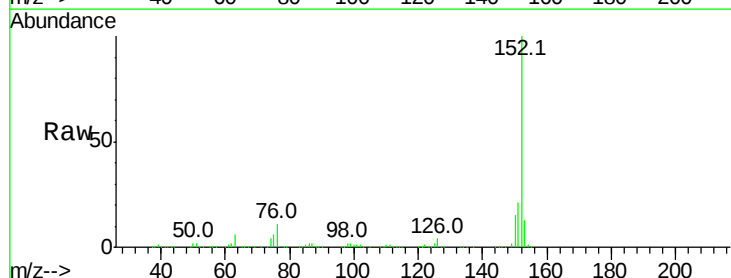
Tgt Ion: 152 Resp: 1199305

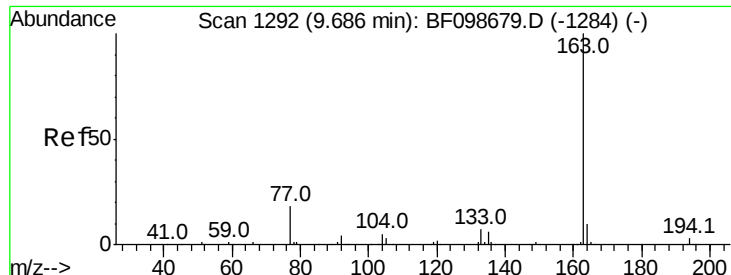
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.3 10.7 16.1

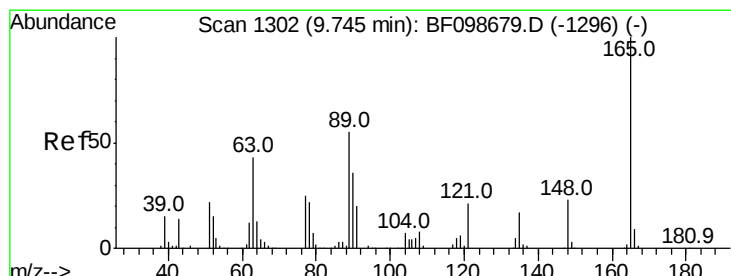
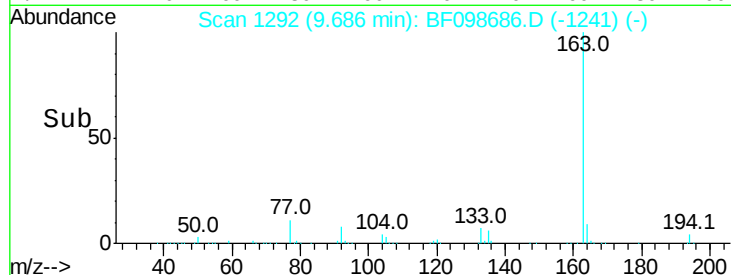
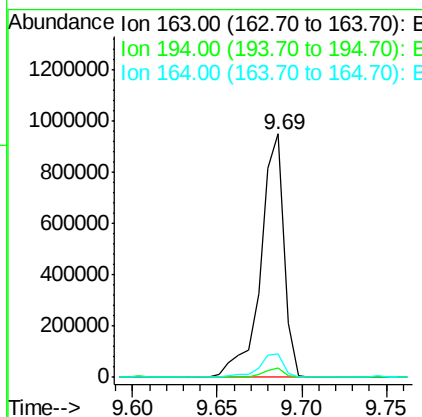
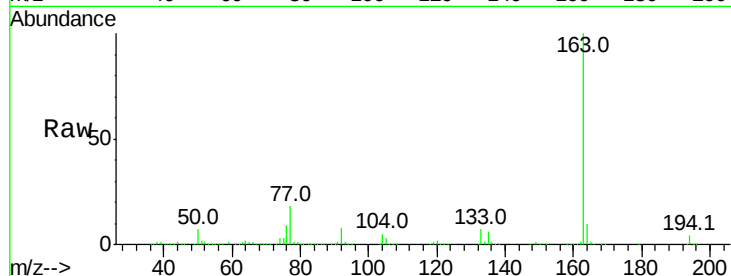




#49
Dimethylphthalate
Concen: 39.420 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

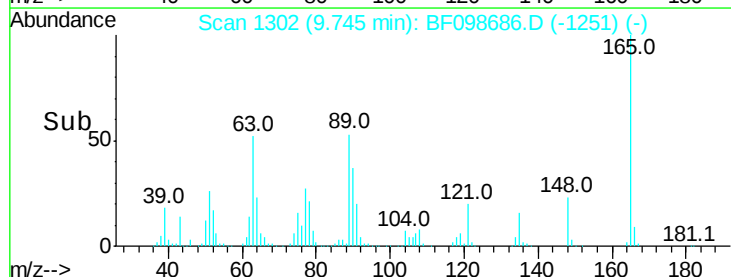
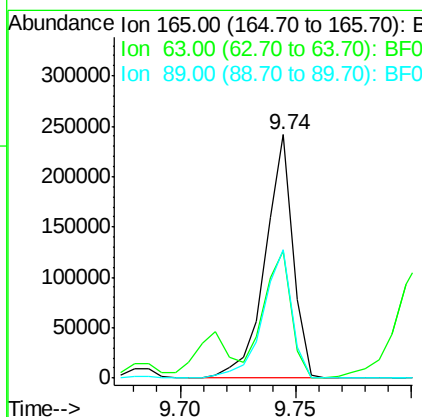
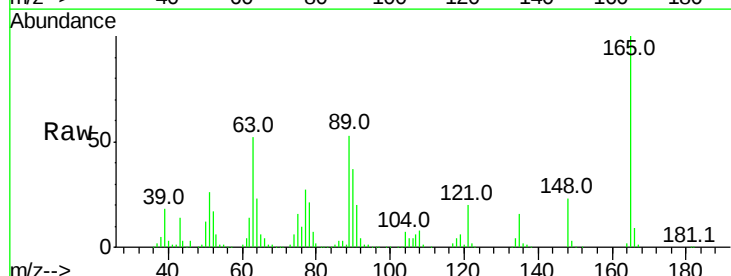
Instrument :
BNA_F
ClientSampleId :
PB102454BS

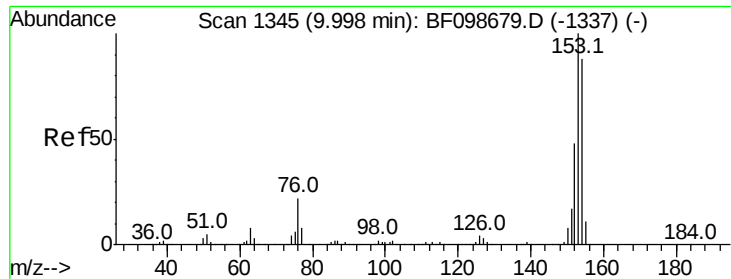
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 44.532 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	44.7	67.1
89	52.5	44.0	66.0





#51

Acenaphthene

Concen: 40.787 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

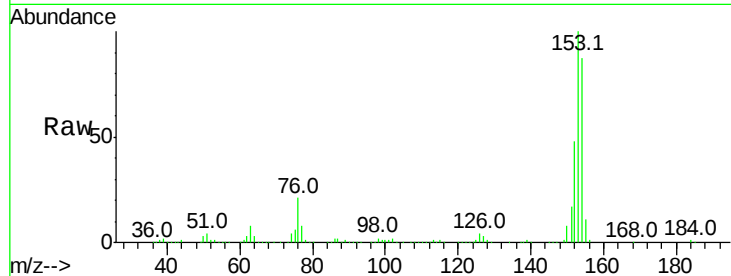
Tot Ion:154 Resp: 771061

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

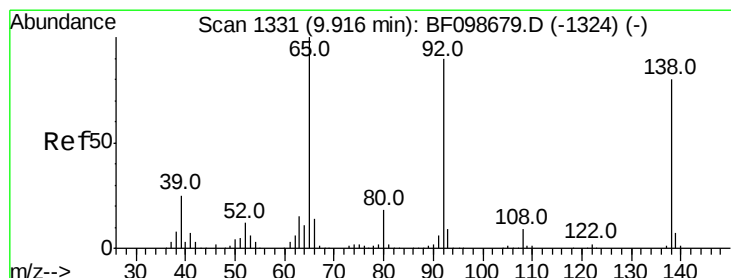
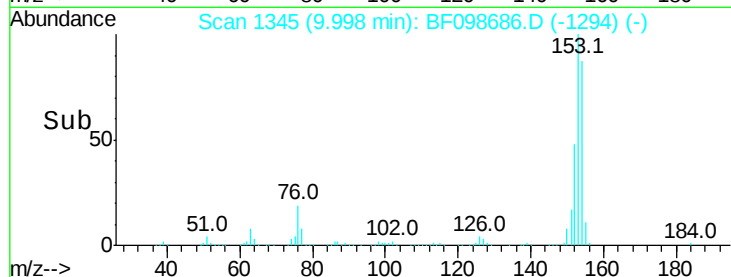
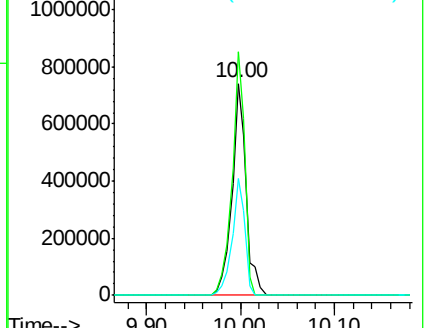
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.320 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

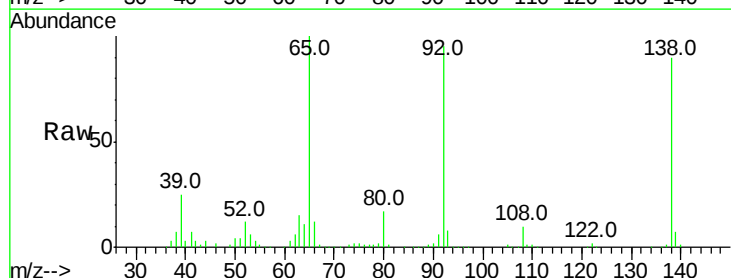
Tgt Ion:138 Resp: 180659

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

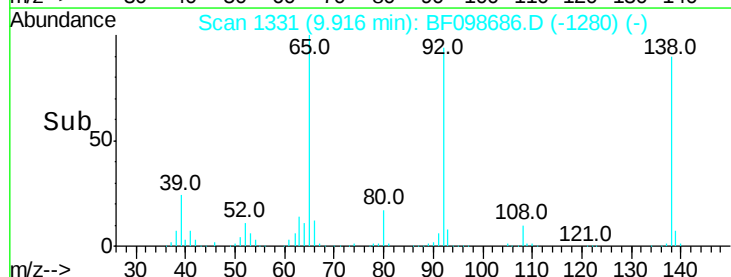
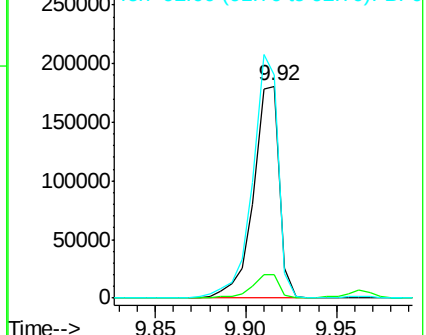
92 105.5 89.4 134.2

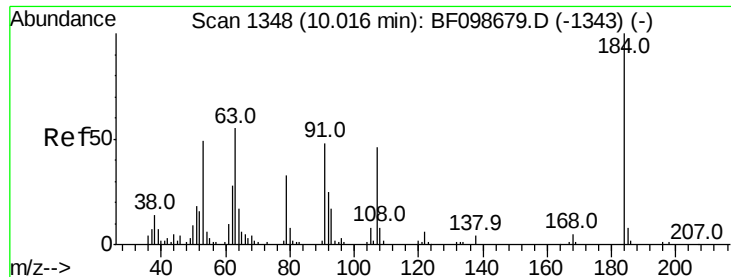


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

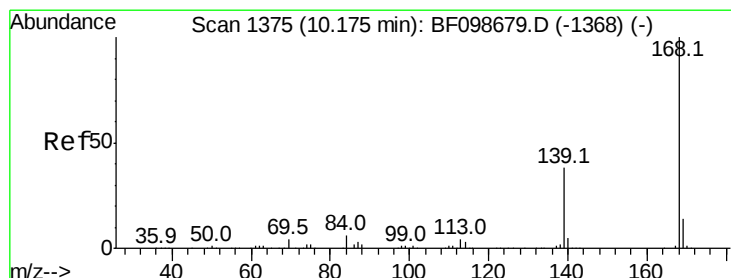
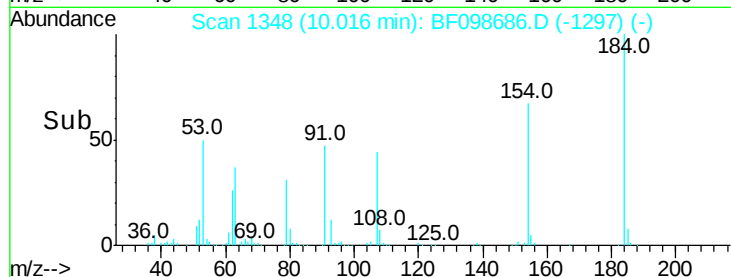
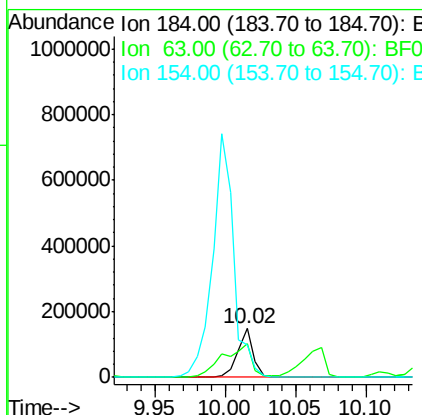
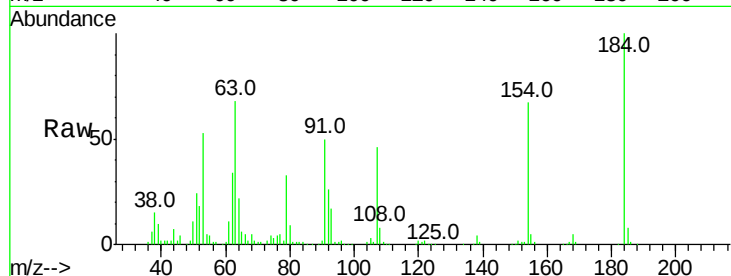




#53
2,4-Dinitrophenol
Concen: 63.128 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

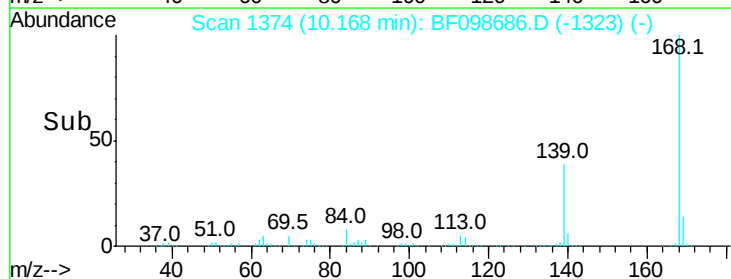
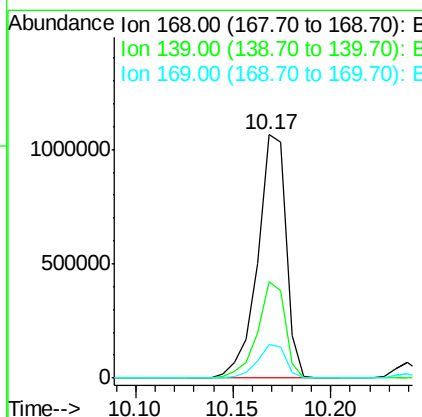
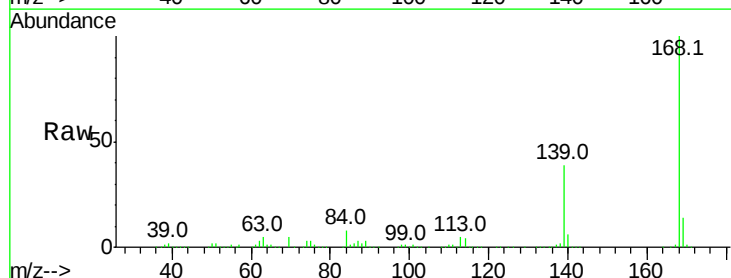
Instrument :
BNA_F
ClientSampleId :
PB102454BS

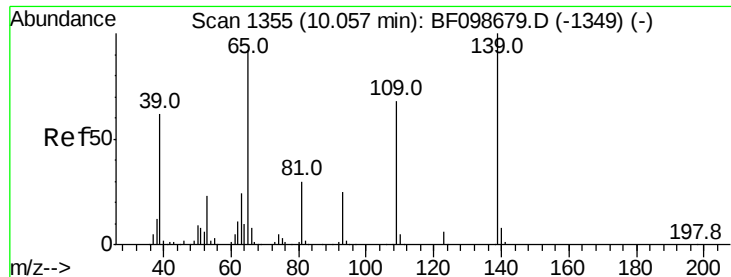
Tot Ion:184 Resp: 113050
Ion Ratio Lower Upper
184 100
63 68.1 54.2 81.2
154 66.9 53.5 80.3



#54
Dibenzofuran
Concen: 41.659 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:168 Resp: 1075365
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.0 10.9 16.3





#55

4-Nitrophenol

Concen: 83.161 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

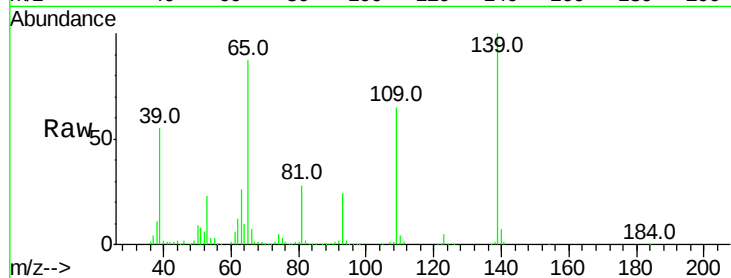
Tot Ion:139 Resp: 392375

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

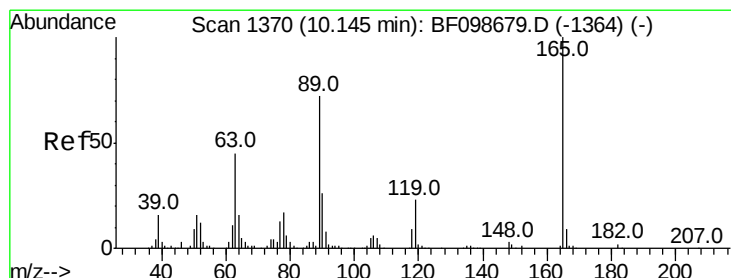
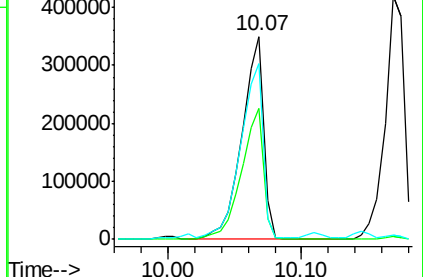
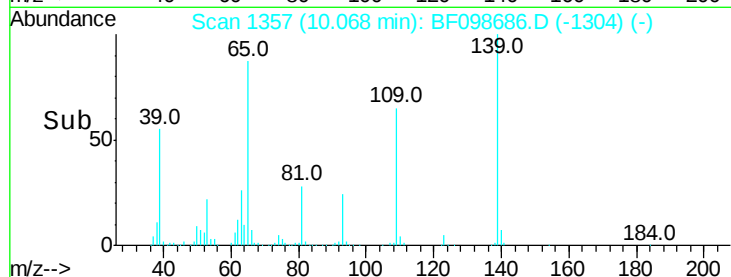
65 86.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.936 ng

RT: 10.14 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:165 Resp: 274572

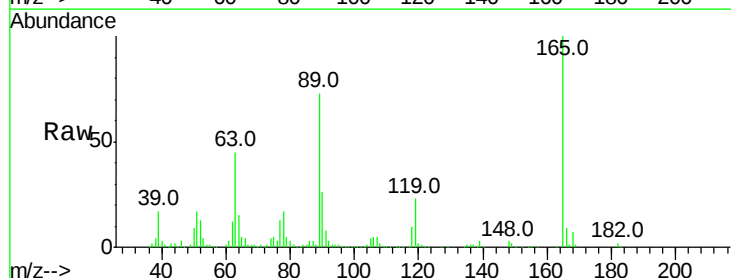
Ion Ratio Lower Upper

165 100

63 45.1 36.4 54.6

89 73.2 57.8 86.6

182 2.2 1.6 2.4

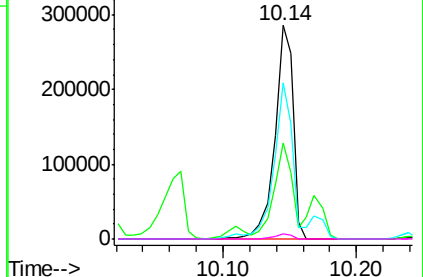
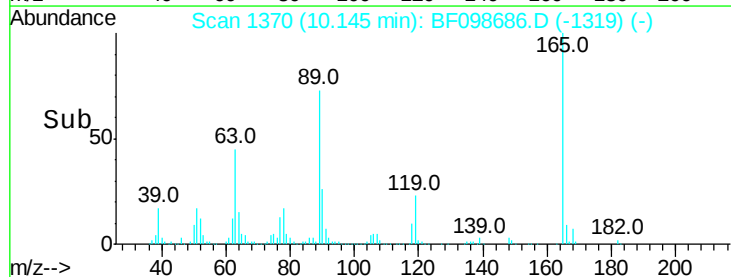


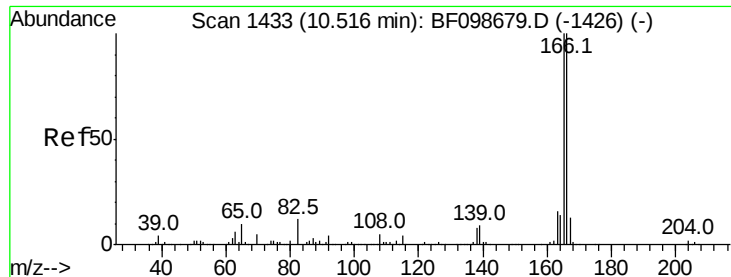
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.508 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

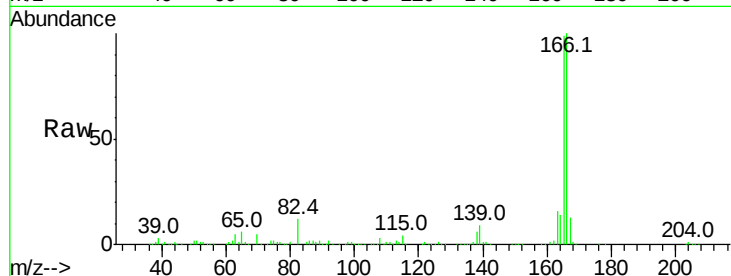
Tot Ion:166 Resp: 819706

Ion Ratio Lower Upper

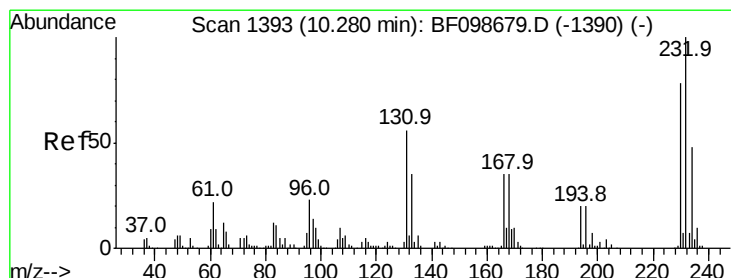
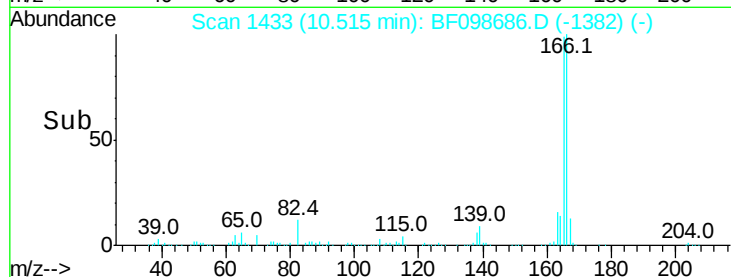
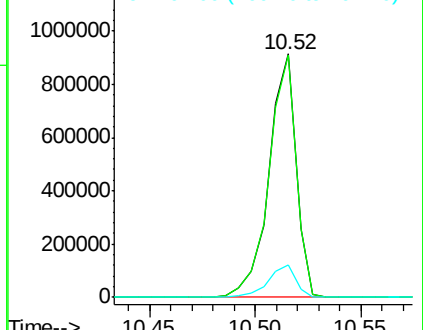
166 100

165 99.5 79.8 119.8

167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.547 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:232 Resp: 208026

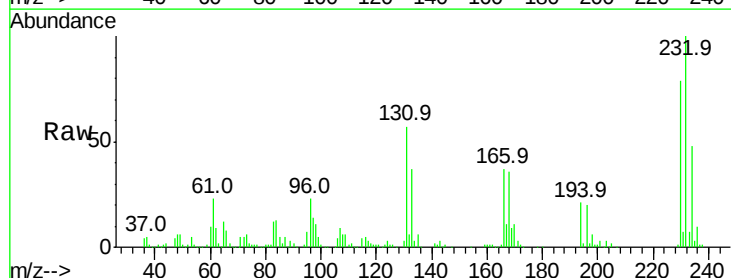
Ion Ratio Lower Upper

232 100

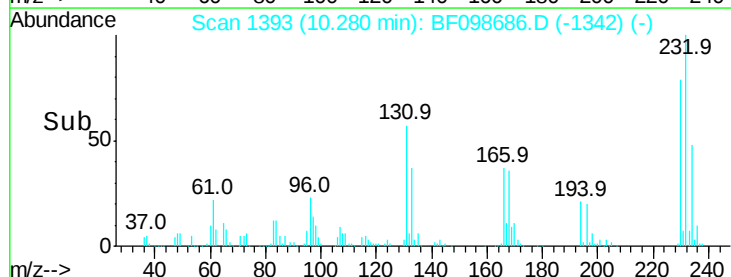
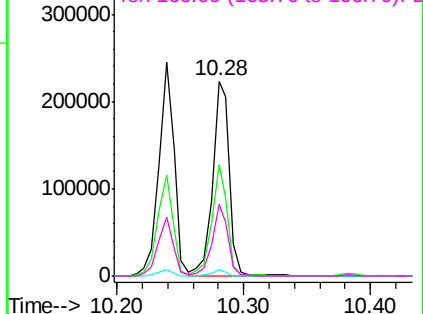
131 53.8 43.8 65.8

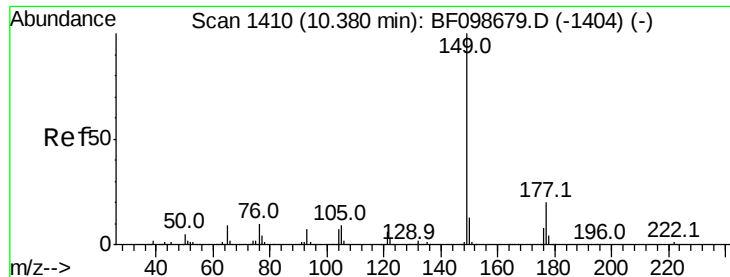
130 2.7 2.1 3.1

166 34.9 27.8 41.6



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

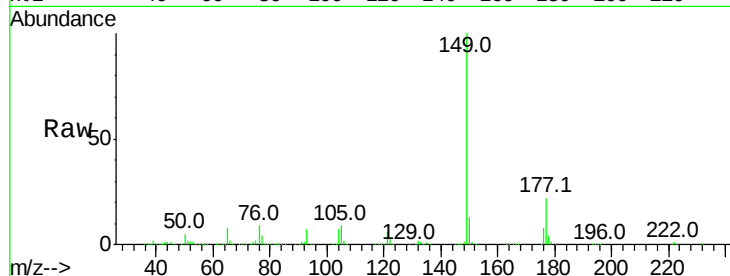




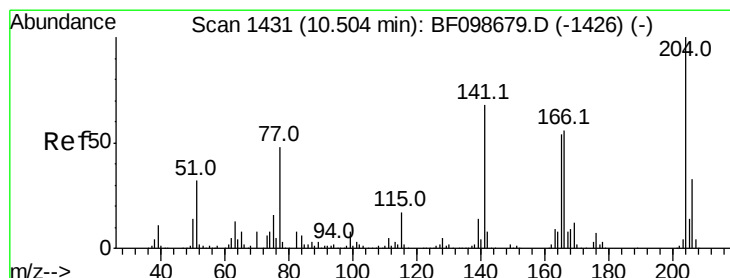
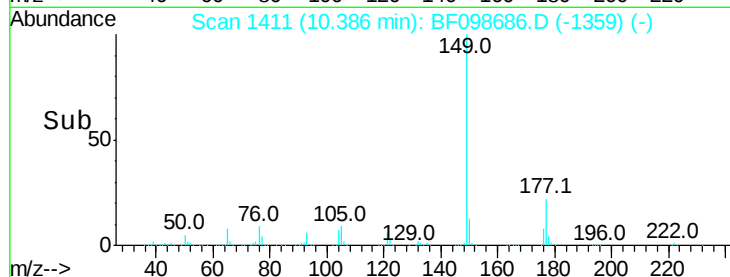
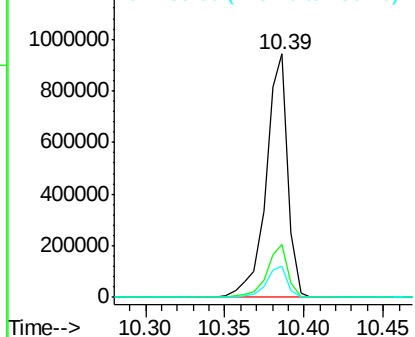
#59
Diethylphthalate
Concen: 39.850 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion:149 Resp: 900131
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1

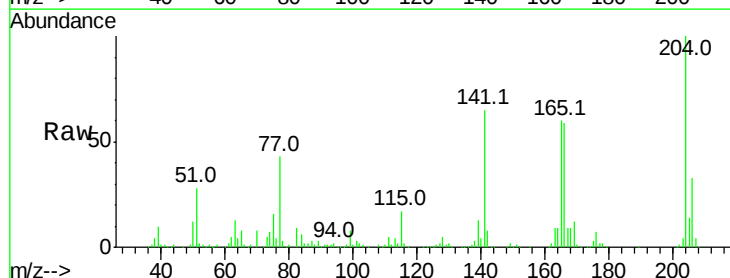


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

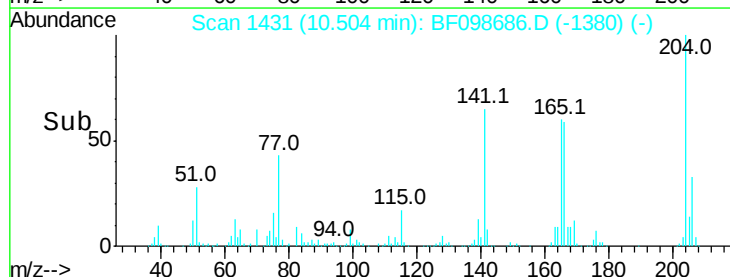
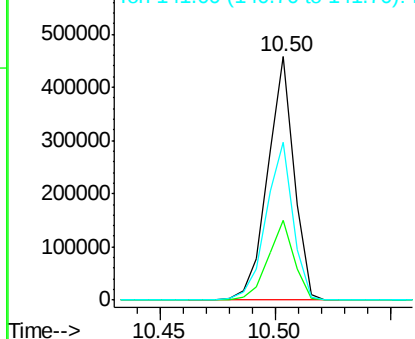


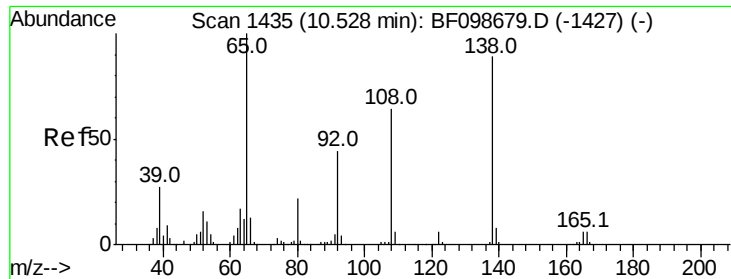
#60
4-Chlorophenyl-phenylether
Concen: 39.956 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:204 Resp: 363171
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.0 54.6 81.8



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

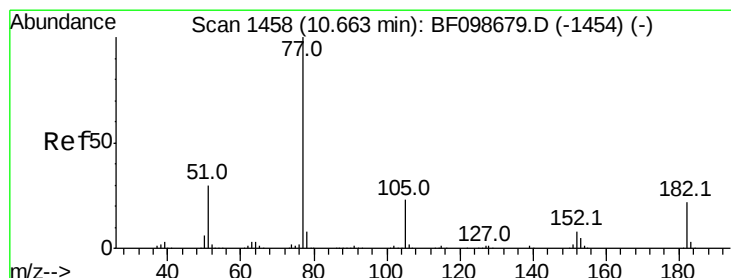
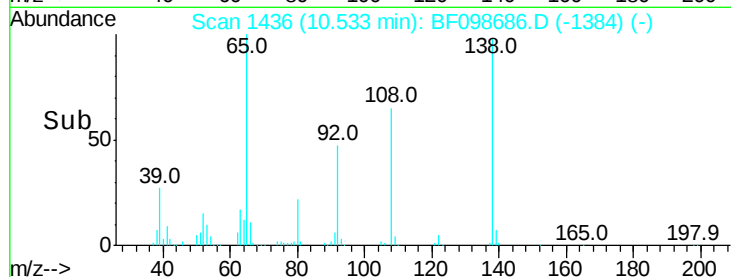
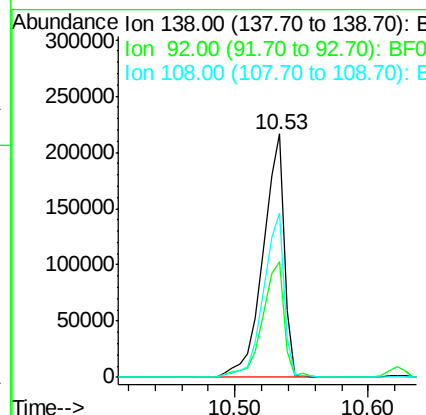
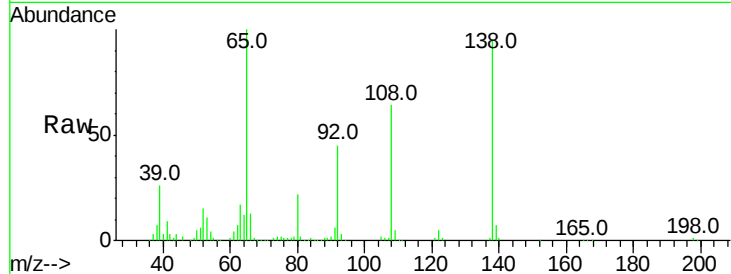




#61
4-Nitroaniline
Concen: 45.303 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

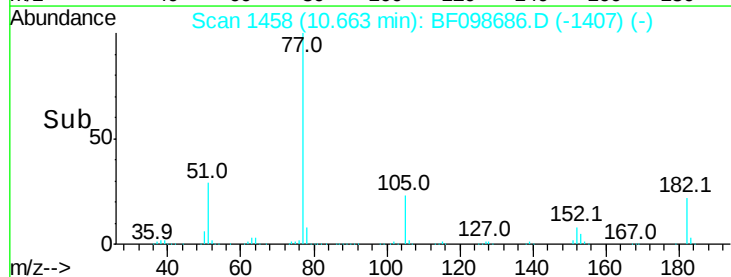
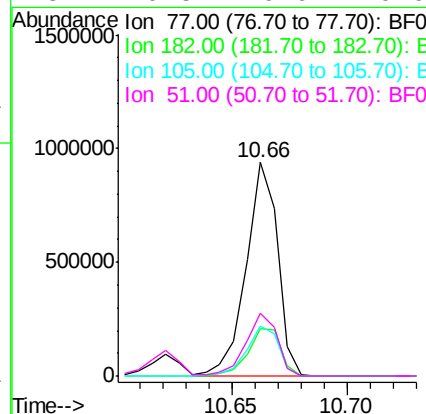
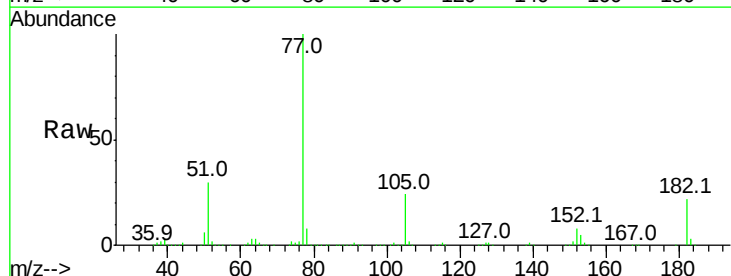
Instrument :
BNA_F
ClientSampleId :
PB102454BS

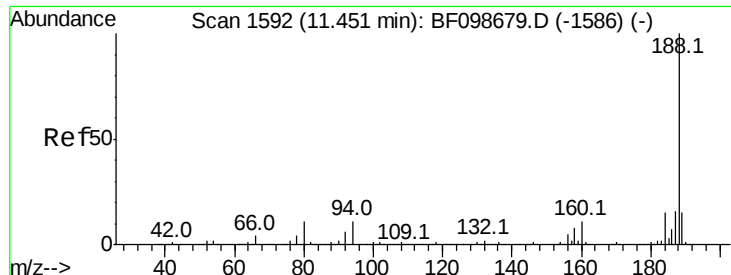
Tot Ion:138 Resp: 235585
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 67.2 52.5 92.5



#62
Azobenzene
Concen: 42.464 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion: 77 Resp: 897077
Ion Ratio Lower Upper
77 100
182 22.3 1.7 41.7
105 23.5 3.0 43.0
51 29.5 9.9 49.9

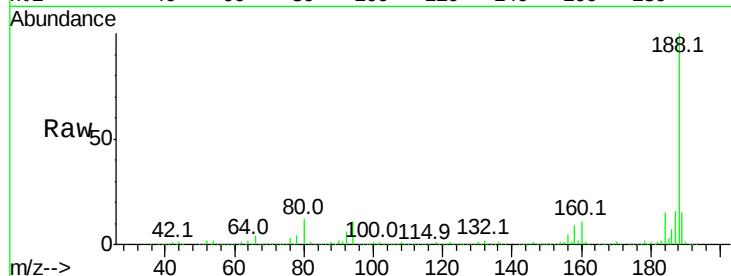




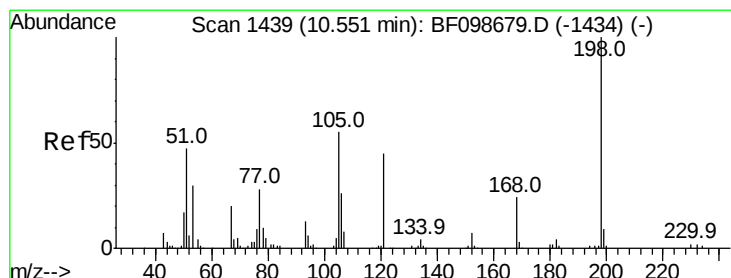
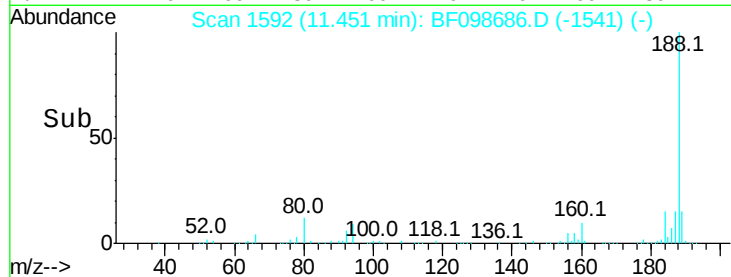
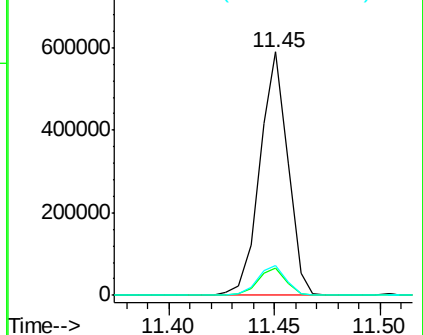
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.2	9.2	13.8

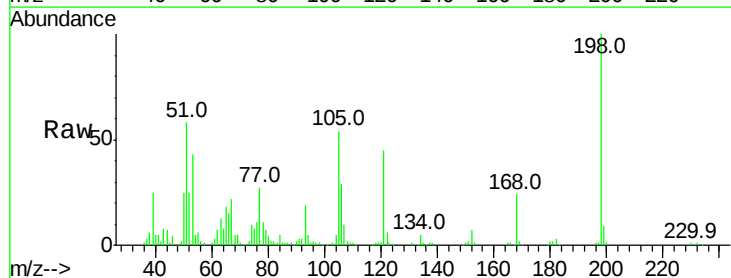


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

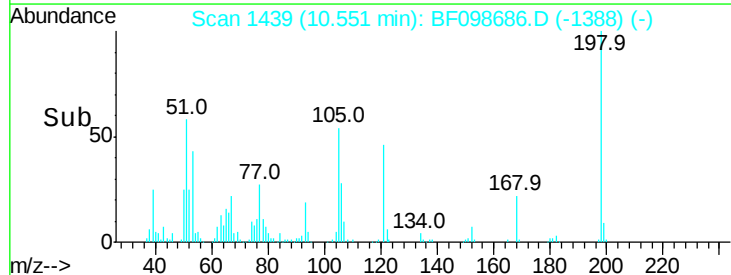
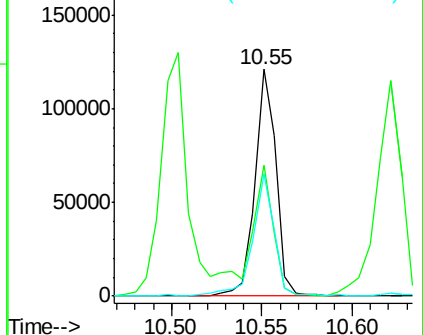


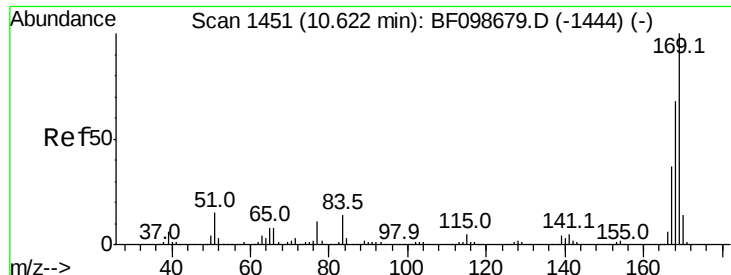
#64
4,6-Dinitro-2-methylphenol
Concen: 38.260 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.0	37.7	77.7
105	53.8	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

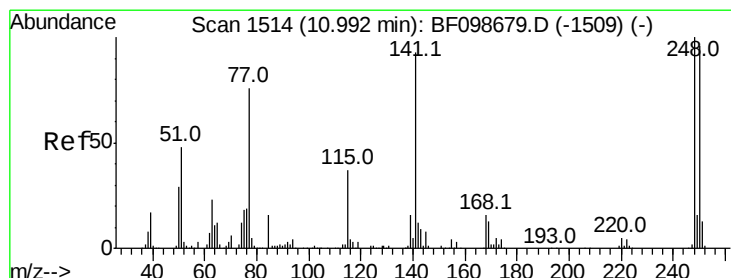
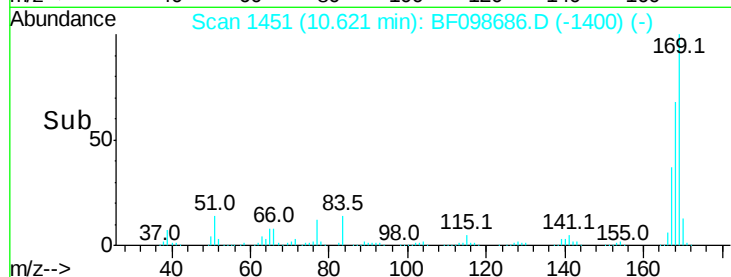
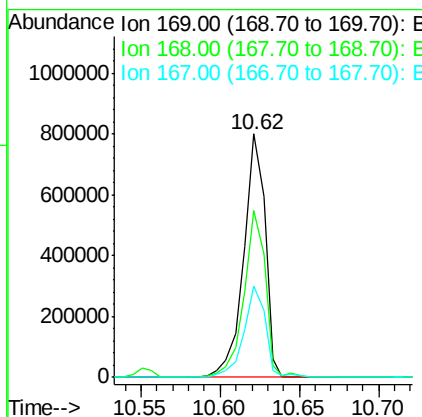
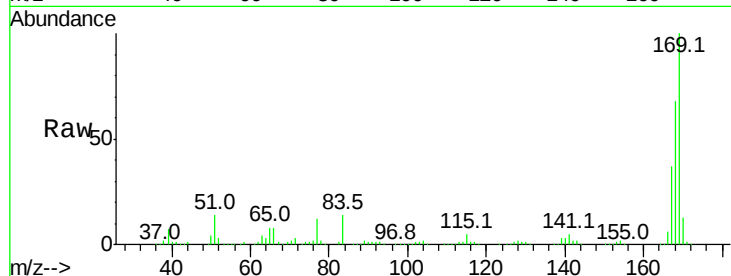




#65
n-Nitrosodiphenylamine
Concen: 40.110 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

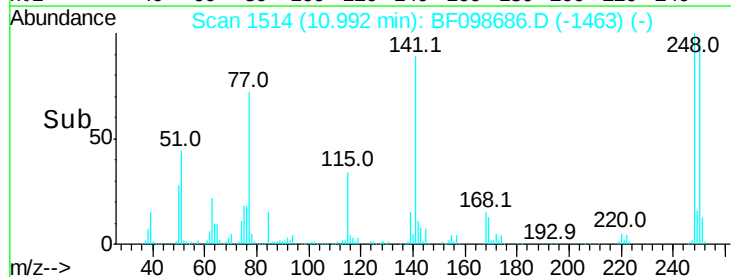
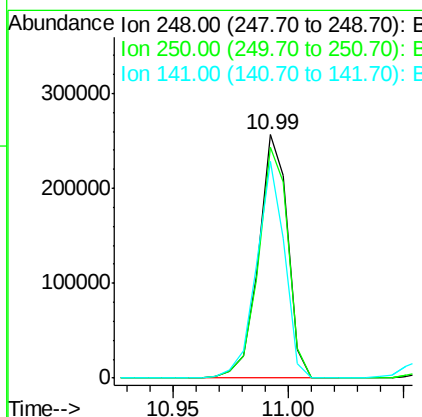
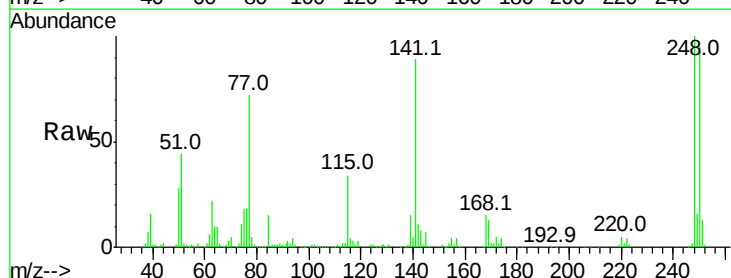
Instrument :
BNA_F
ClientSampleId :
PB102454BS

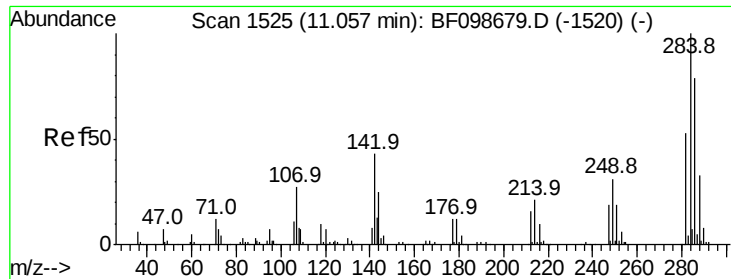
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.5	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 41.369 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.9	115.3
141	89.0	74.4	111.6

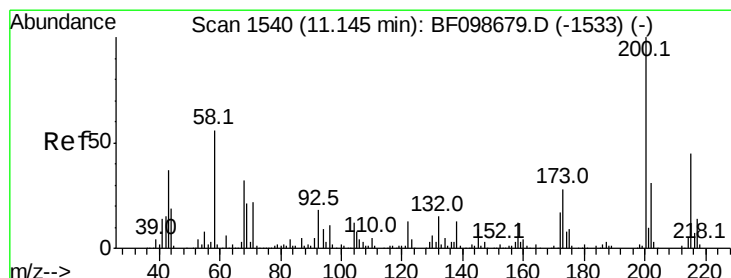
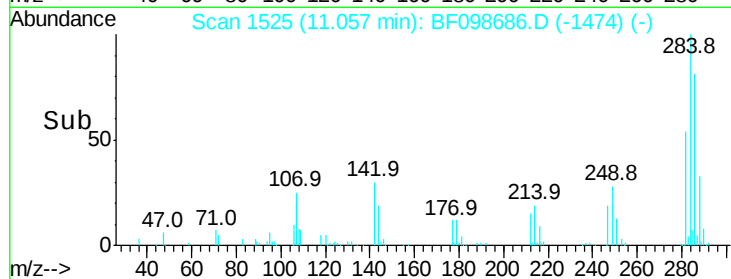
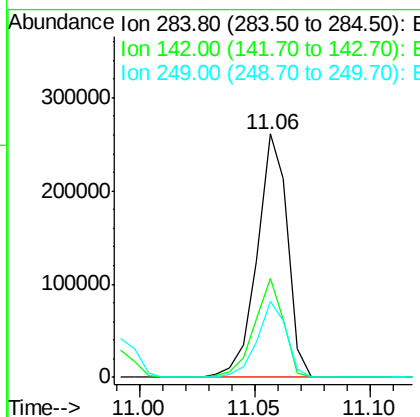
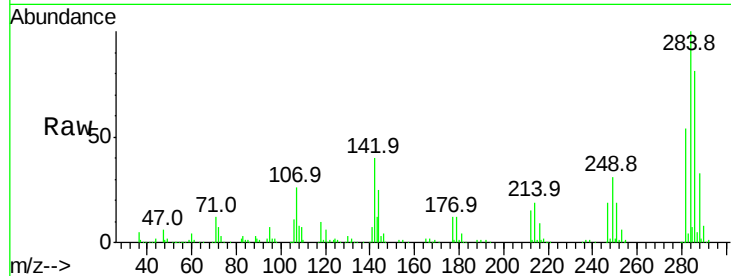




#67
 Hexachlorobenzene
 Concen: 38.348 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

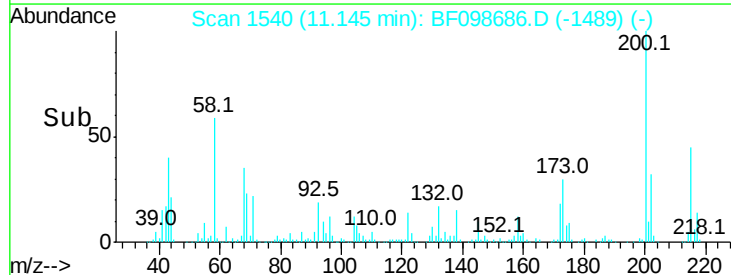
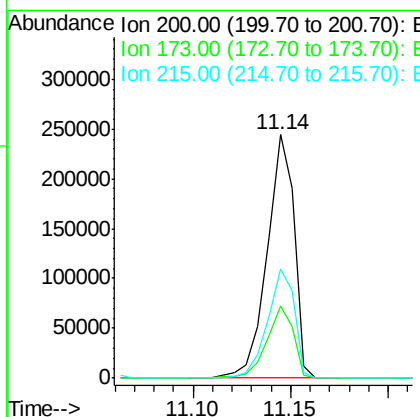
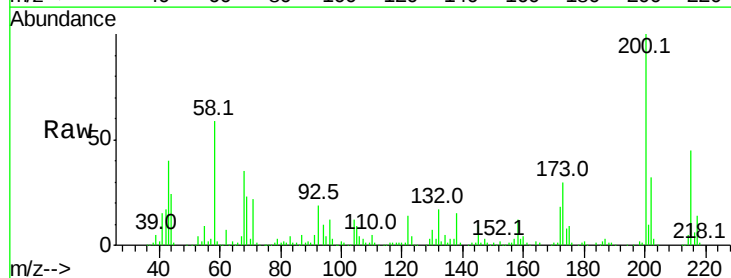
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

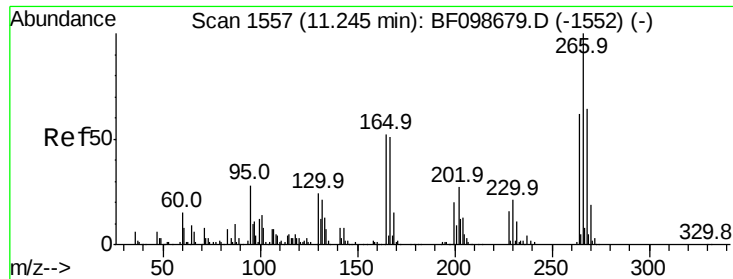
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	34.6	52.0
249	30.9	24.8	37.2



#68
 Atrazine
 Concen: 41.696 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.0	25.1	65.1

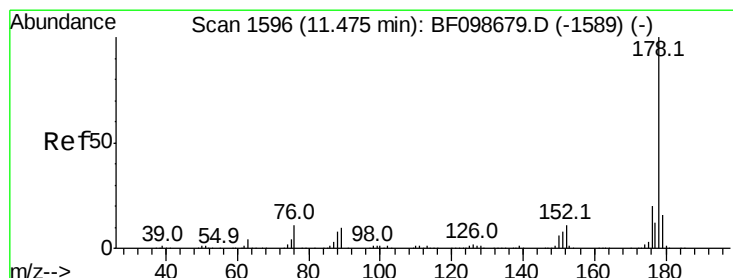
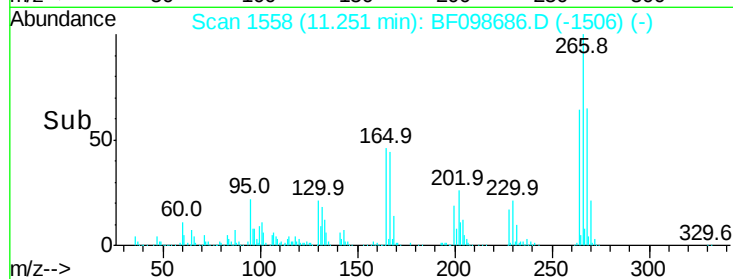
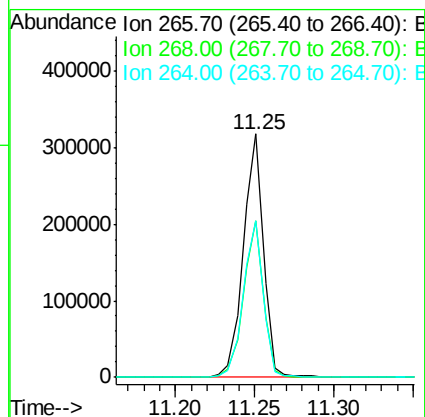
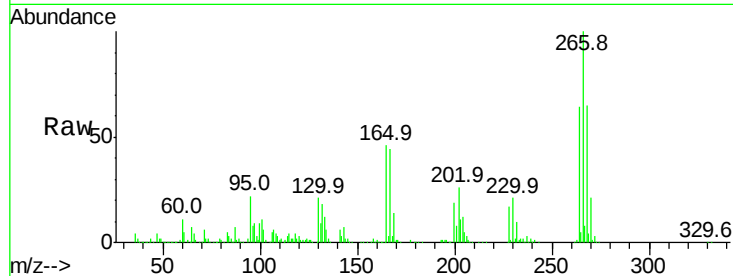




#69
 Pentachlorophenol
 Concen: 78.606 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

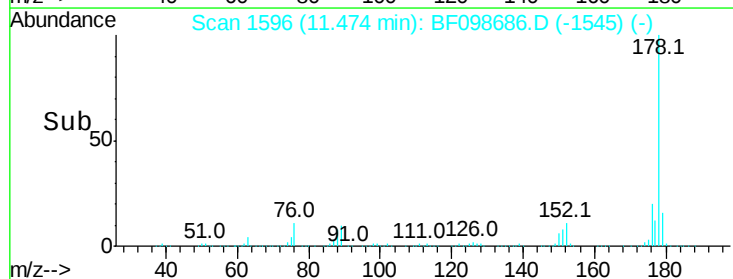
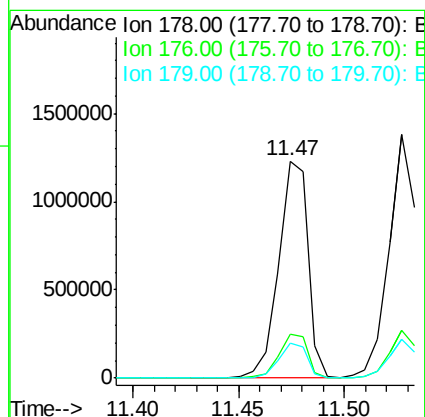
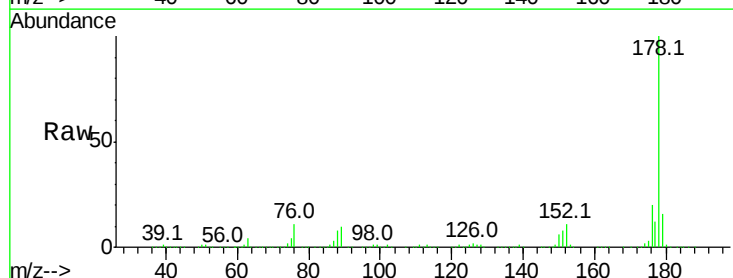
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

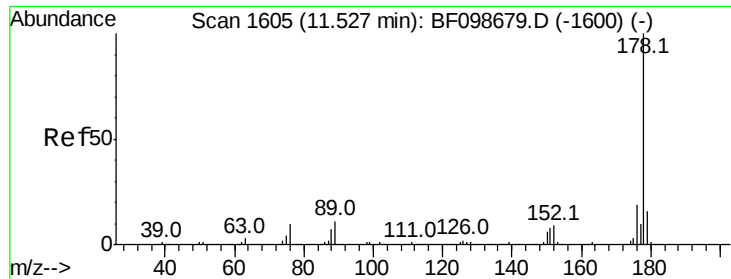
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.4	49.5	74.3



#70
 Phenanthrene
 Concen: 40.648 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.1	13.0	19.6

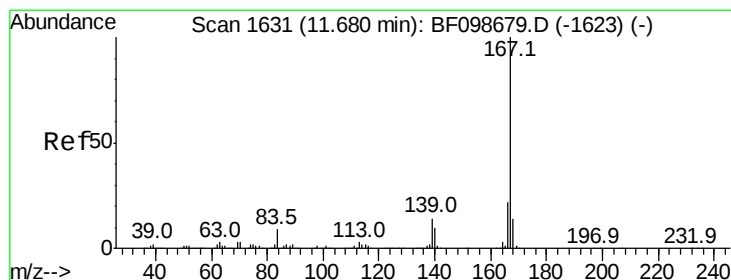
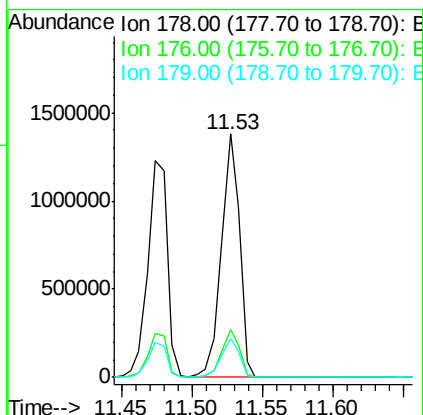
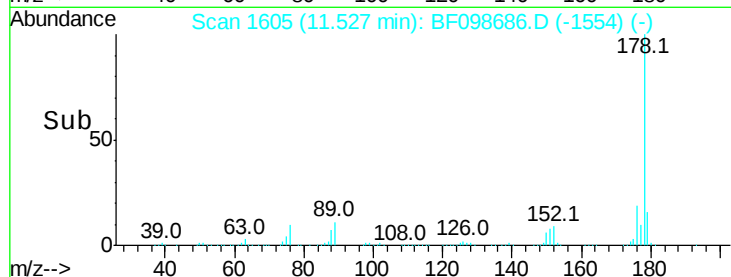
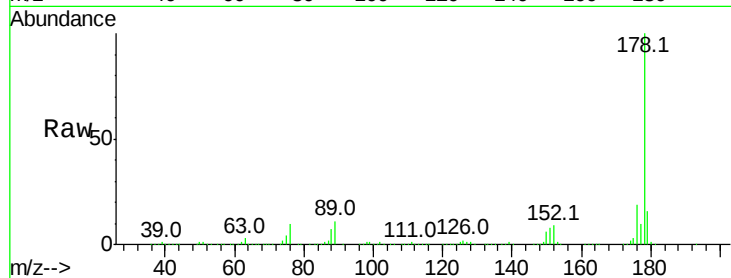




#71
 Anthracene
 Concen: 41.247 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

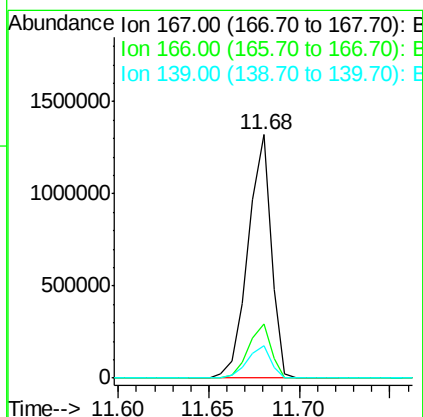
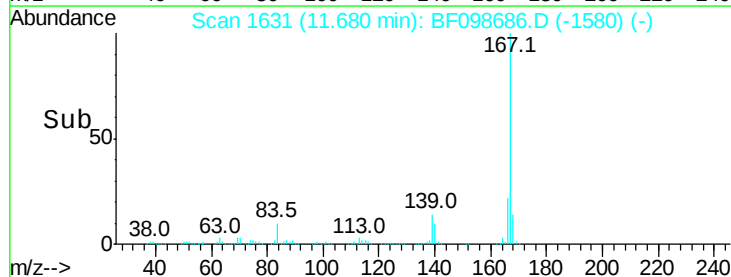
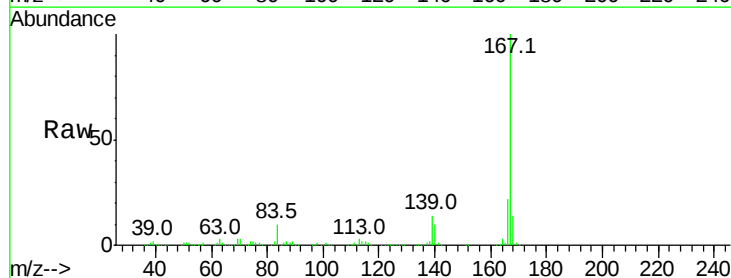
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

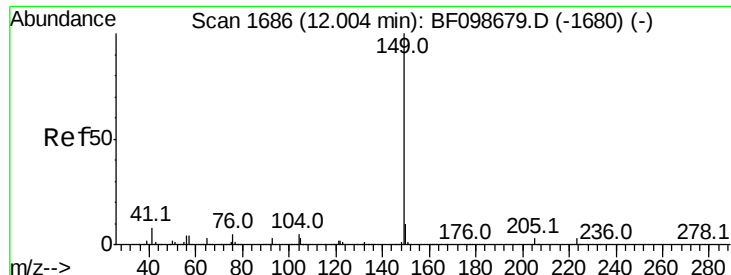
Tot Ion:178 Resp: 1235502
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 40.094 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion:167 Resp: 1173502
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.6 10.9 16.3

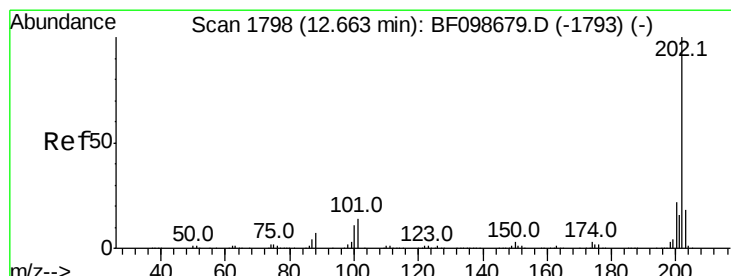
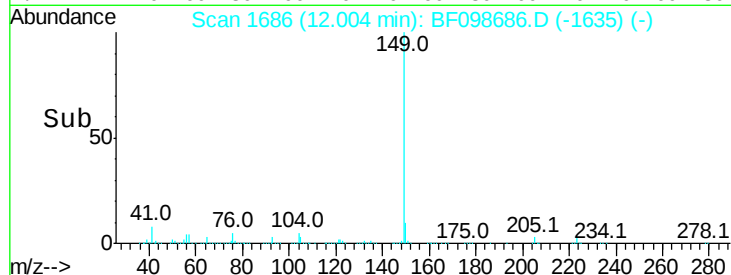
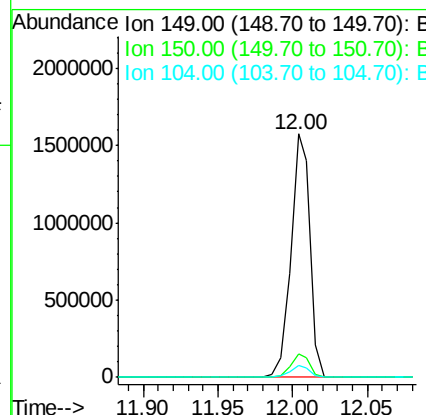
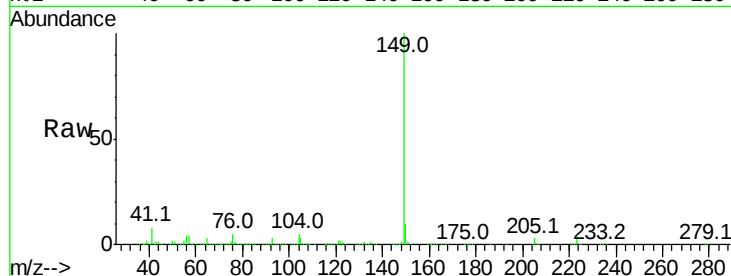




#73
Di-n-butylphthalate
Concen: 41.886 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

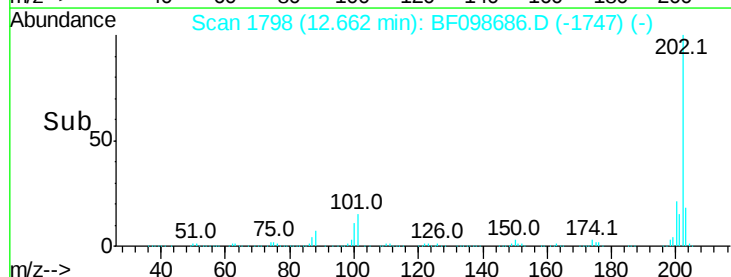
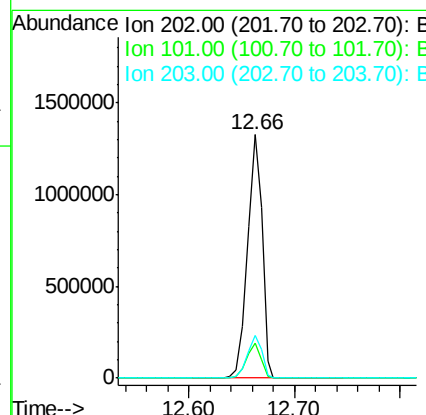
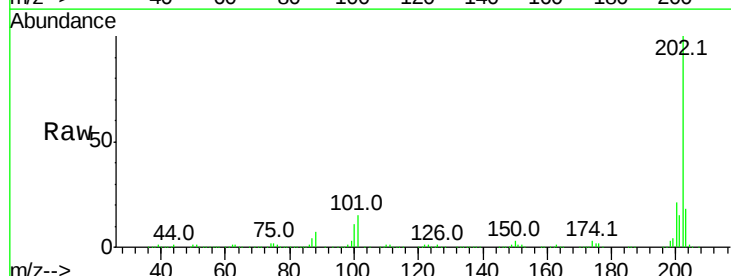
Instrument :
BNA_F
ClientSampleId :
PB102454BS

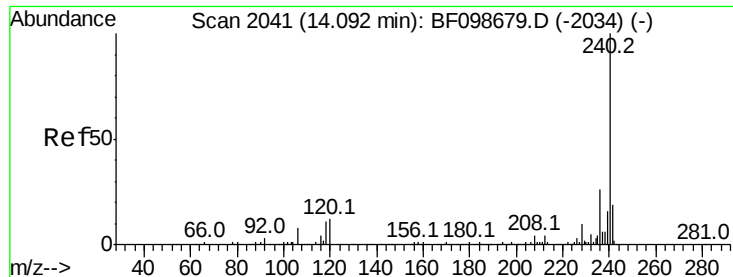
Tot Ion:149 Resp: 1423919
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 42.583 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:202 Resp: 1246664
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

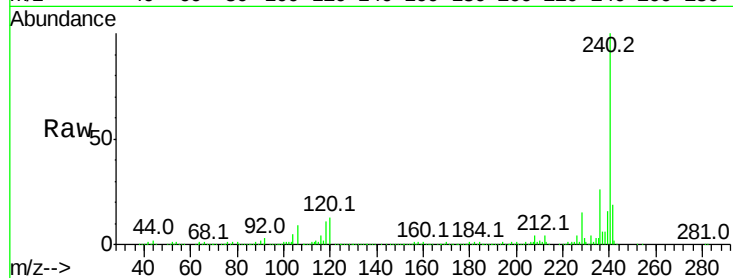
Tot Ion:240 Resp: 448400

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

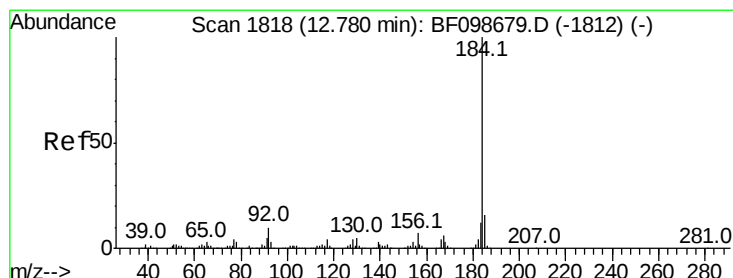
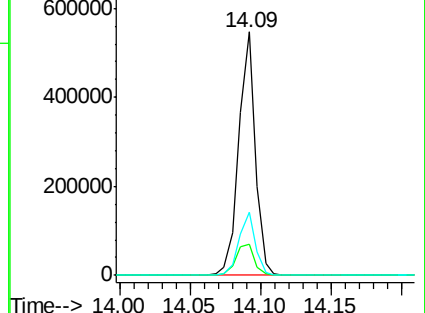
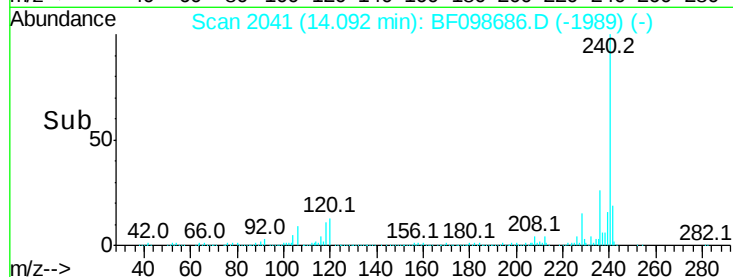
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.764 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

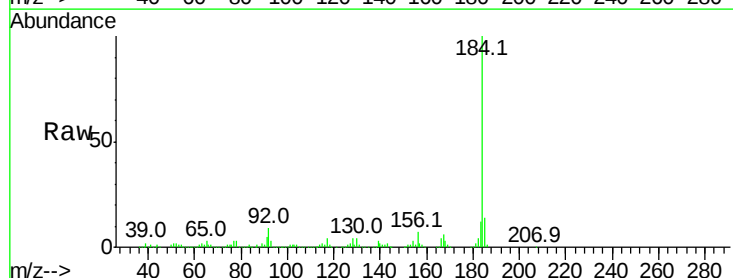
Tgt Ion:184 Resp: 578358

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

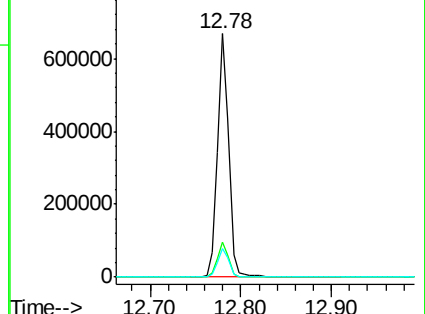
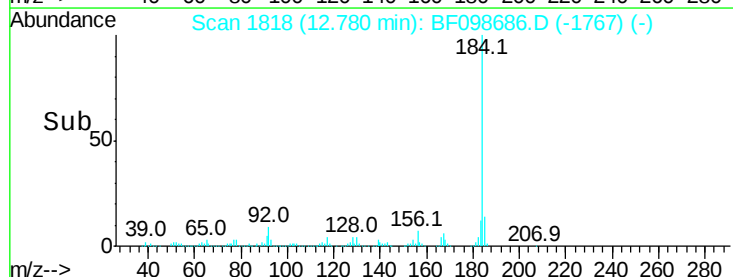
183 11.5 9.3 13.9

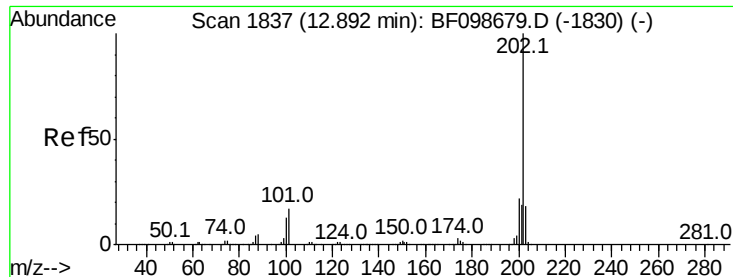


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.627 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

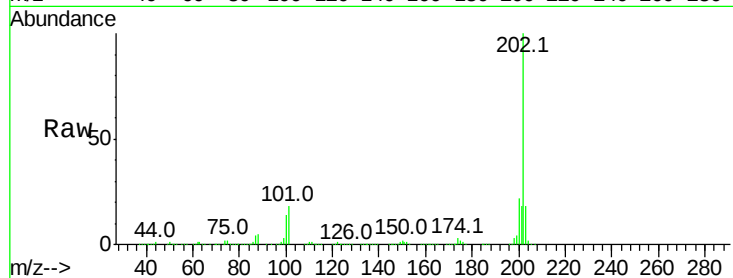
Tot Ion:202 Resp: 1285888

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

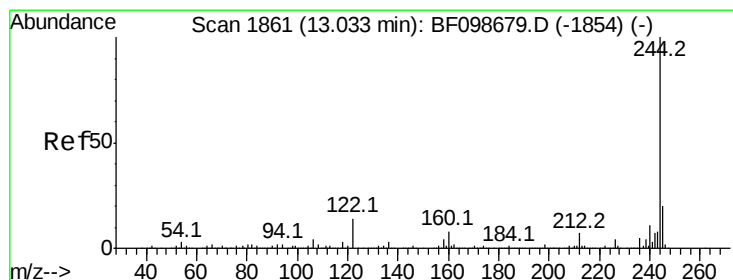
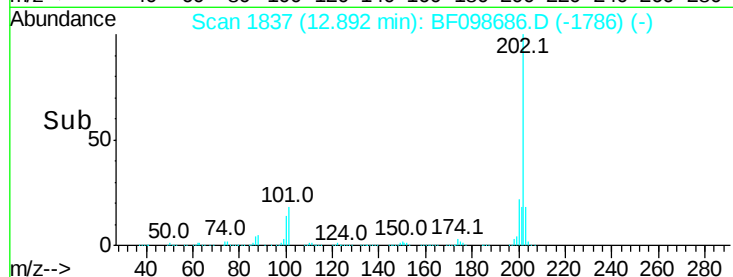
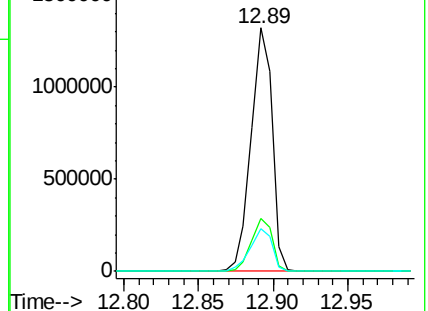
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.012 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

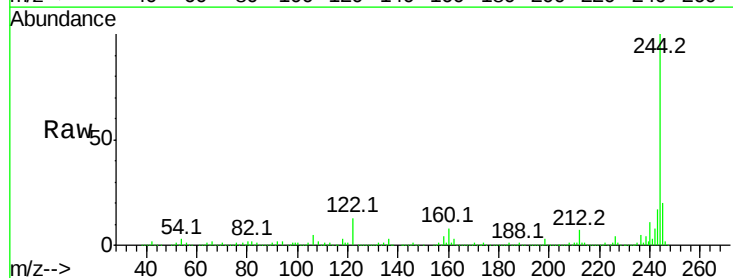
Tgt Ion:244 Resp: 1608221

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

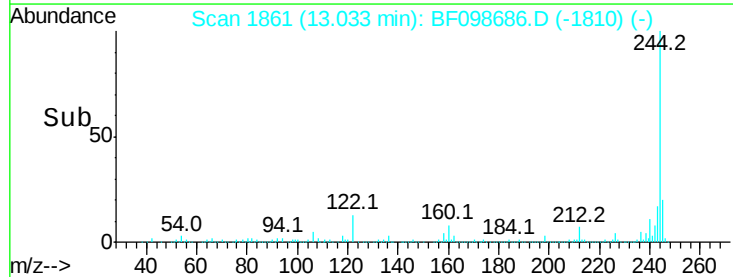
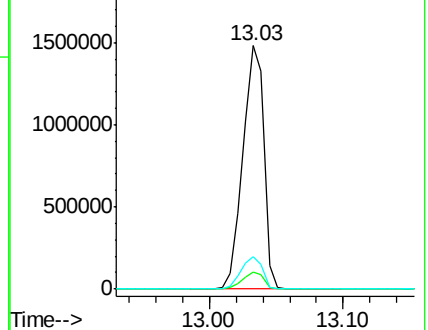
122 13.3 11.0 16.4

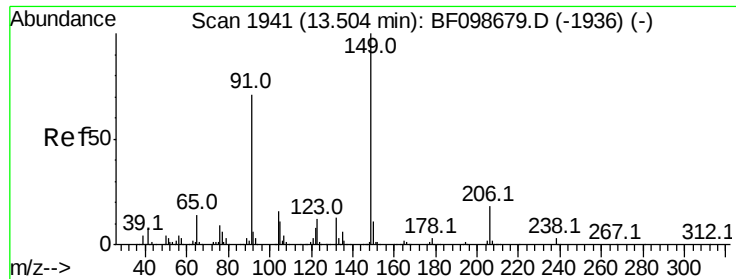


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

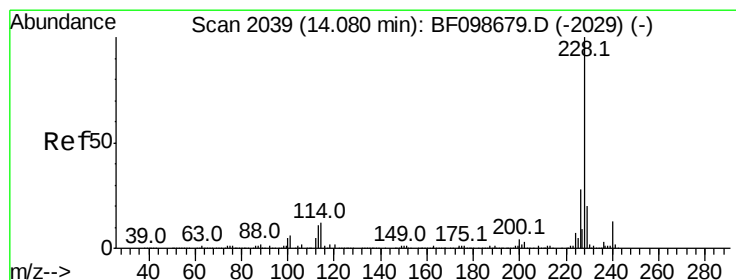
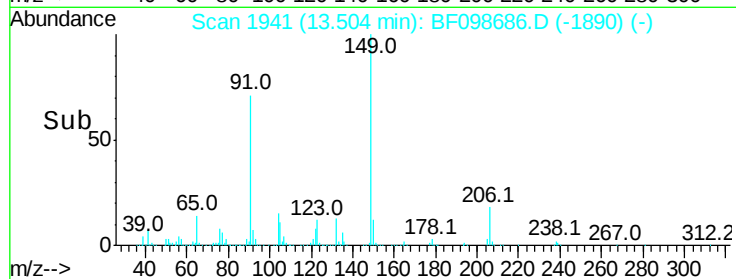
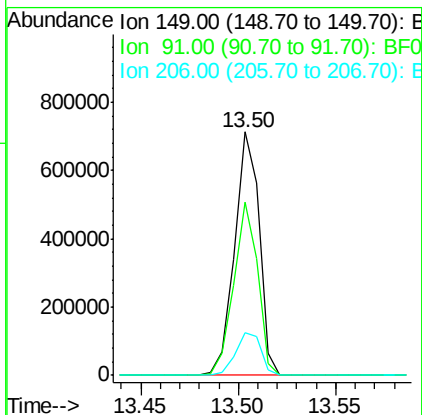
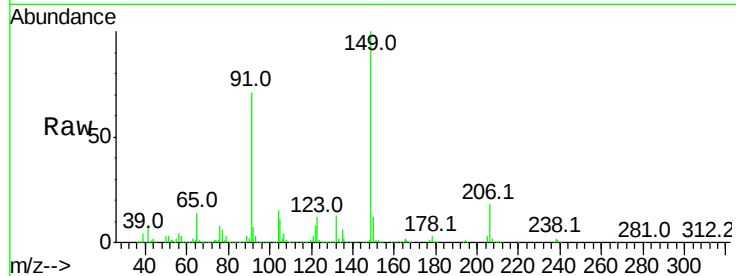




#79
Butylbenzylphthalate
Concen: 45.234 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

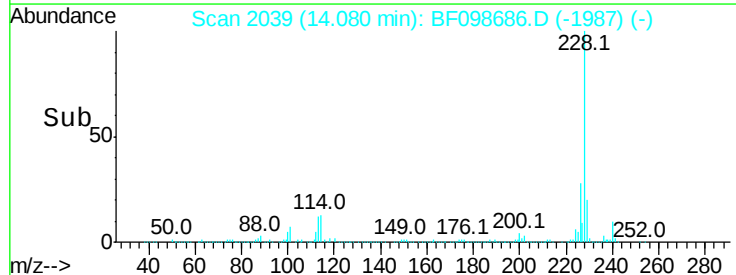
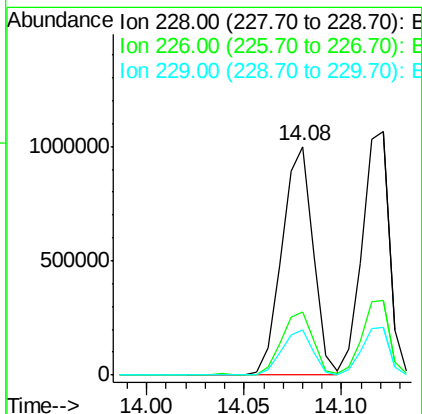
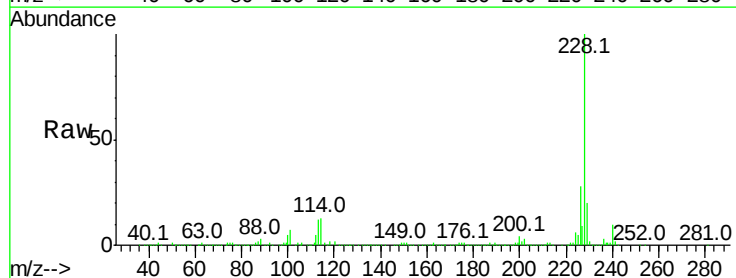
Instrument :
BNA_F
ClientSampleId :
PB102454BS

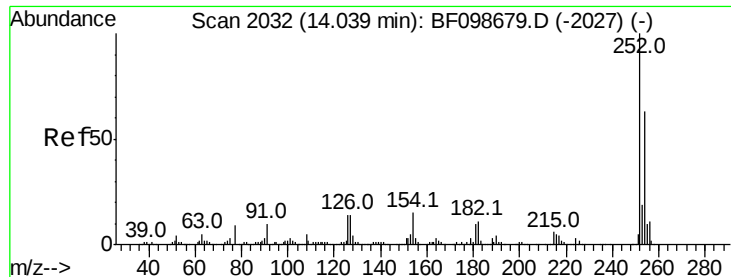
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.924 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6

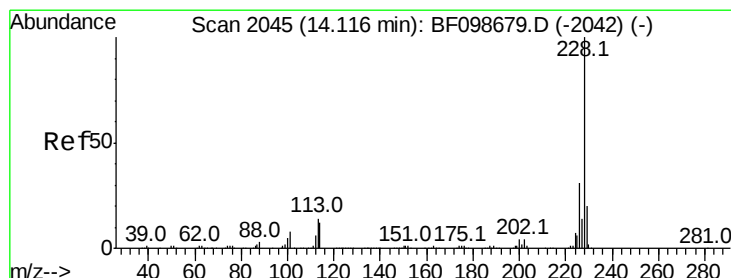
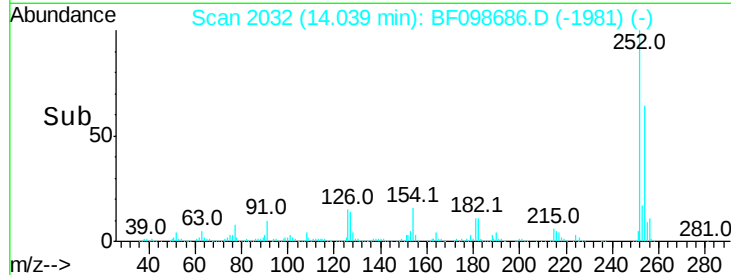
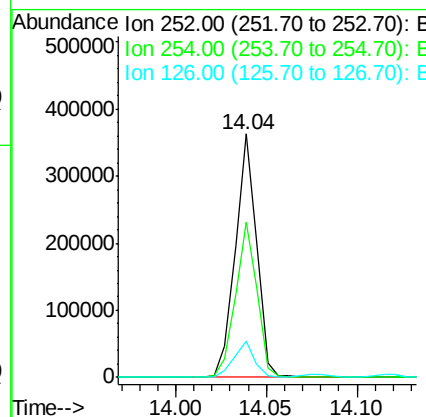
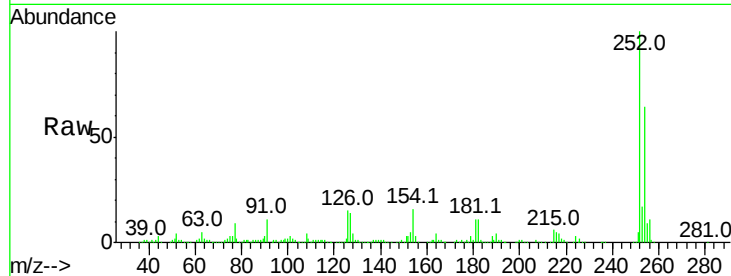




#81
 3,3'-Dichlorobenzidine
 Concen: 30.917 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

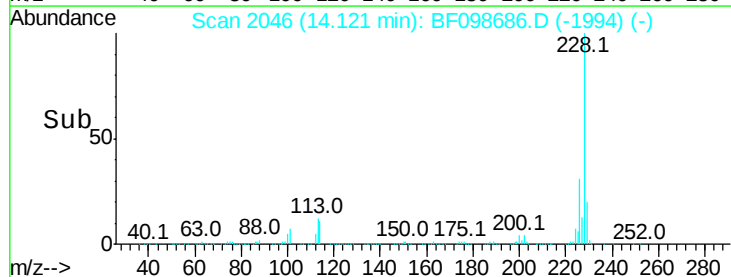
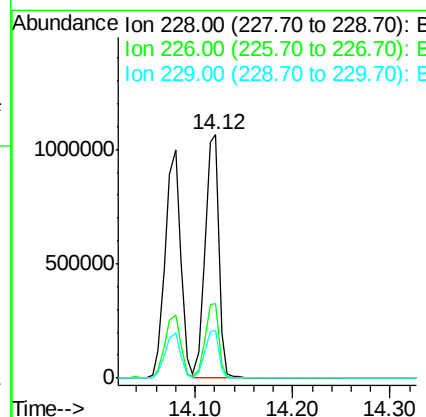
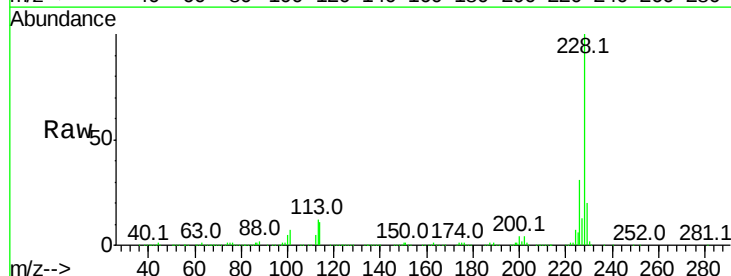
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

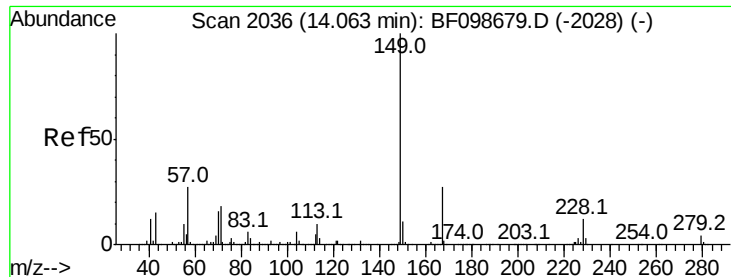
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	14.7	11.3	16.9



#82
 Chrysene
 Concen: 39.770 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	16.2	24.4

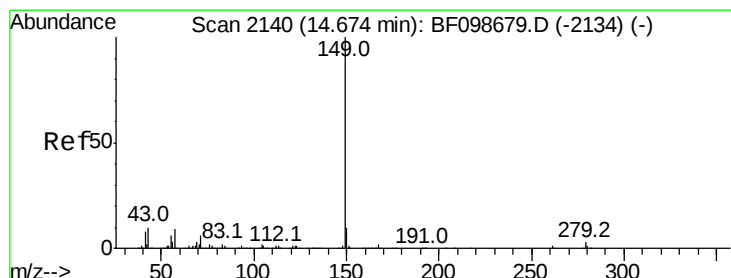
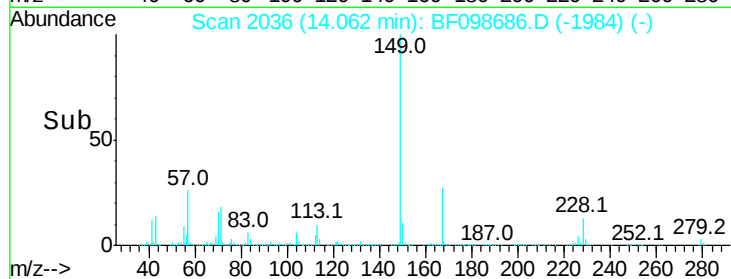
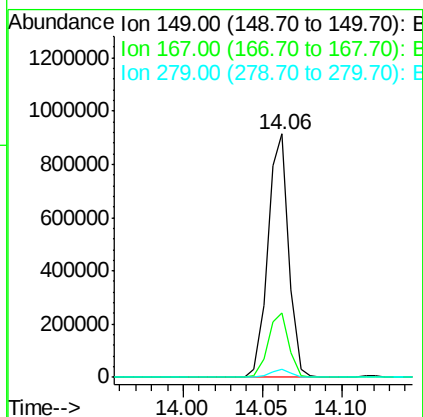
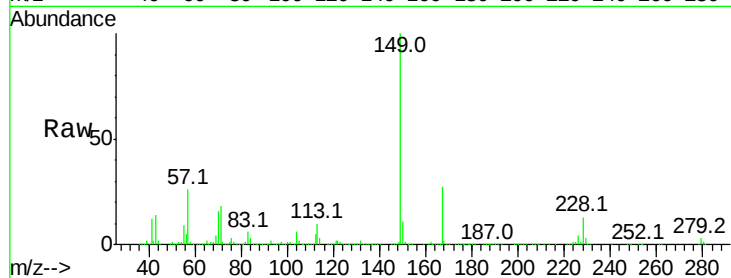




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.220 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

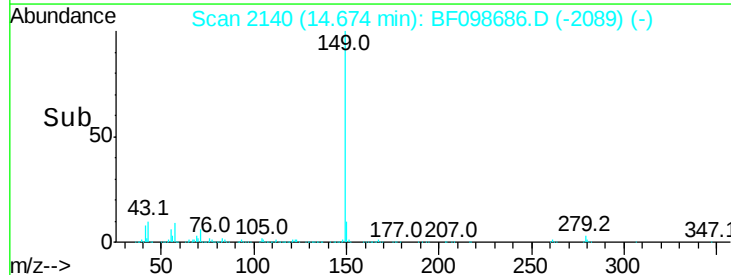
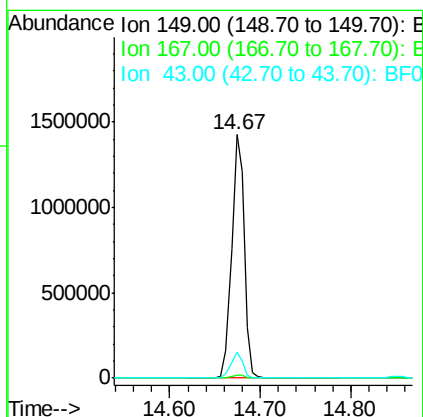
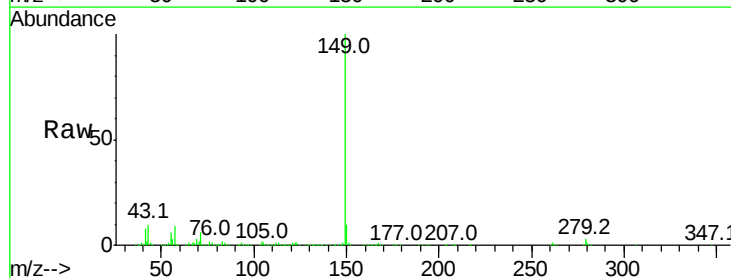
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

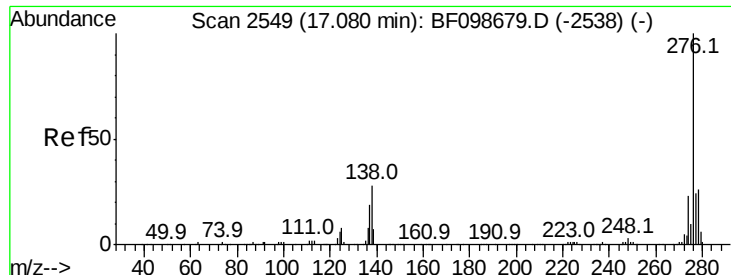
Tot Ion	149	Resp	842406
Ion Ratio	100	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.337 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	149	Resp	1382929
Ion Ratio	100	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6

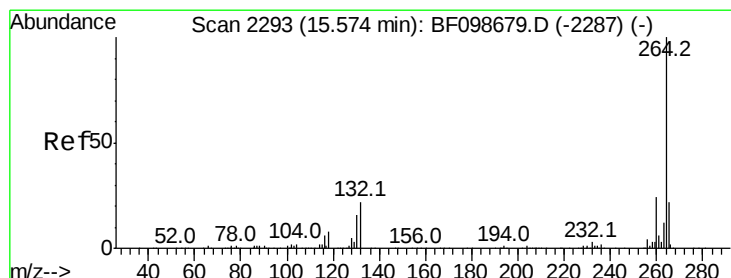
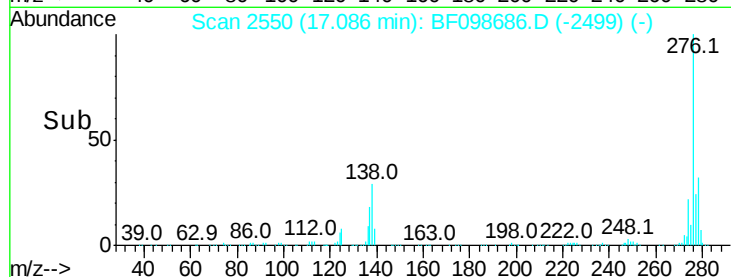
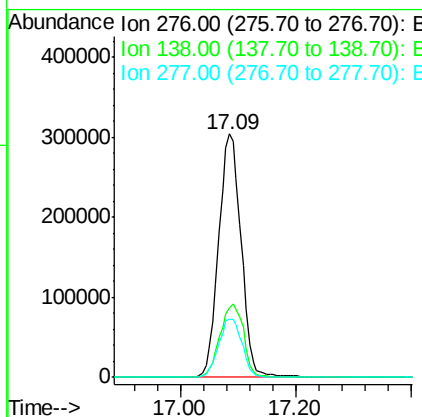
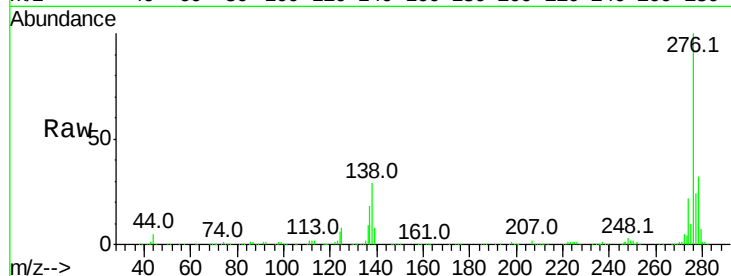




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.572 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

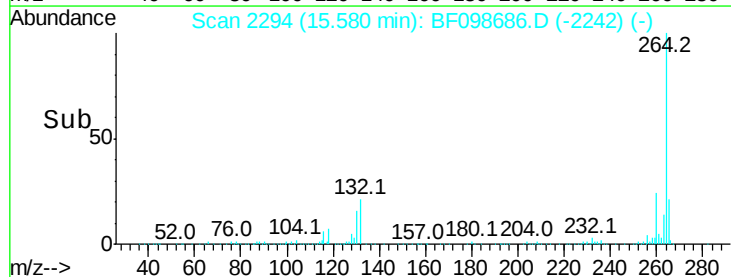
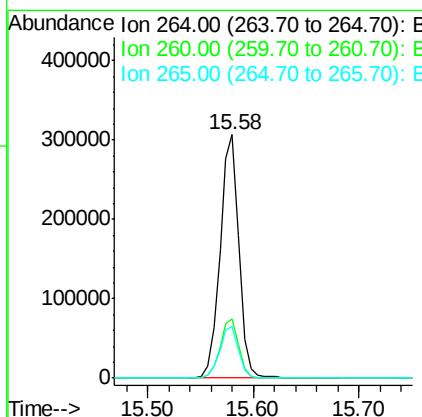
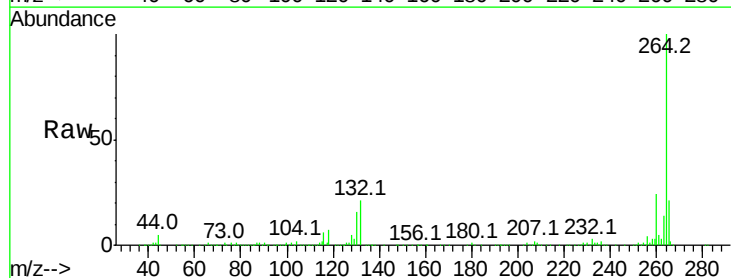
Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

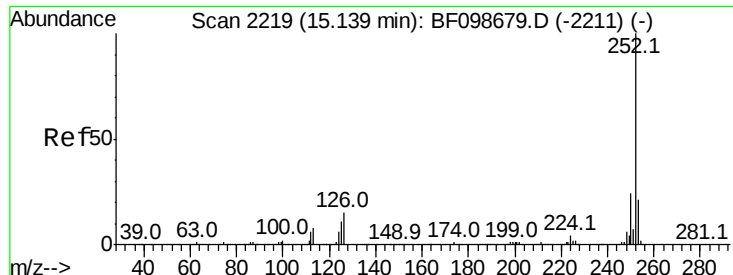
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.543 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

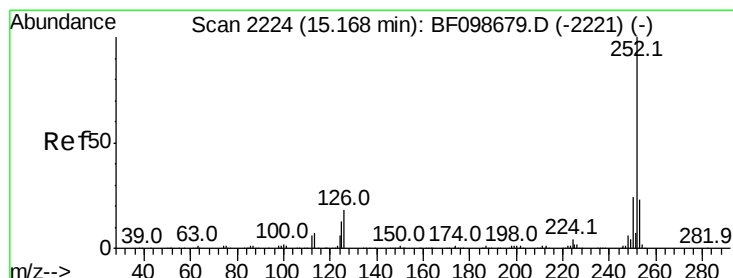
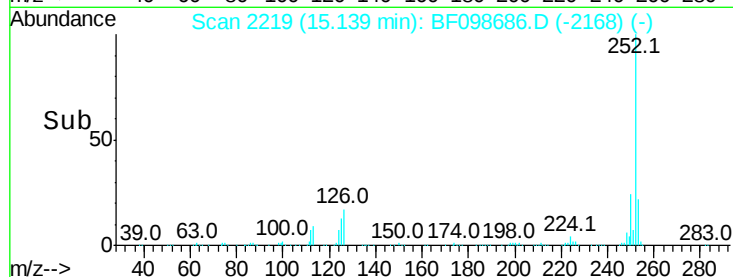
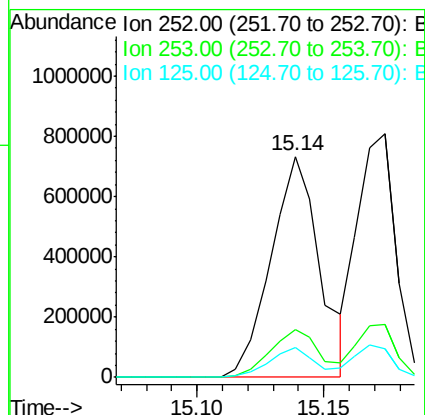
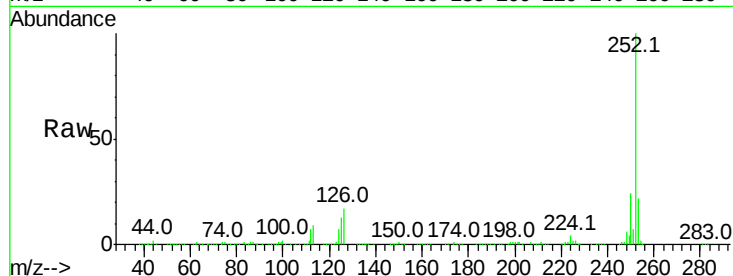
Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion:252 Resp: 985934

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	13.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 39.179 ng

RT: 15.17 min Scan# 2225

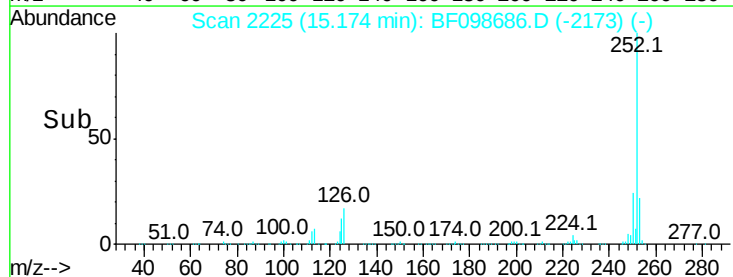
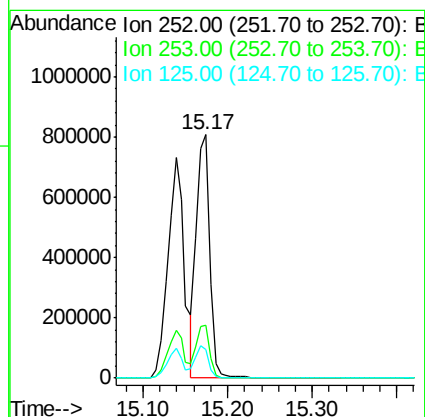
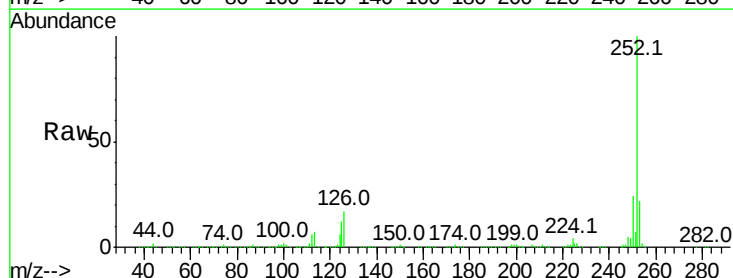
Delta R.T. 0.01 min

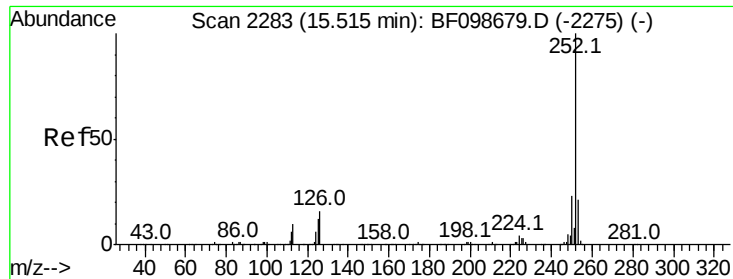
Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:252 Resp: 866590

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.8	10.2	15.2

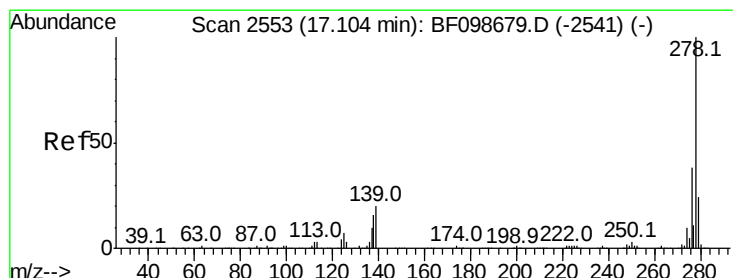
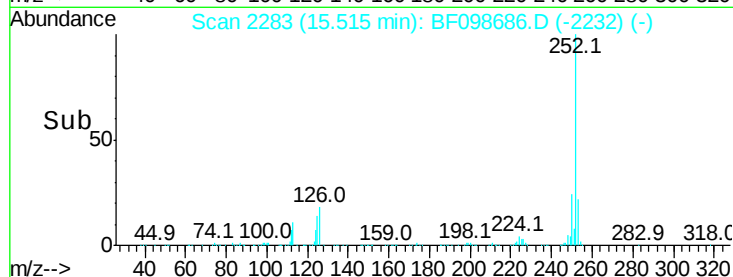
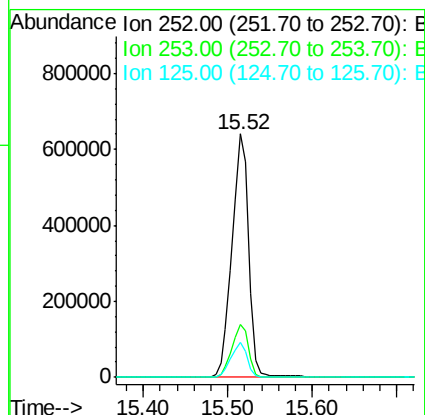
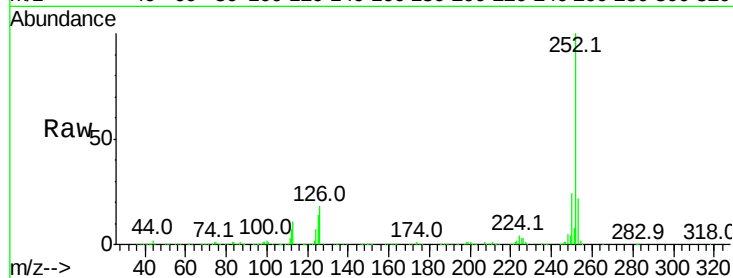




#89
Benzo(a)pyrene
Concen: 42.990 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

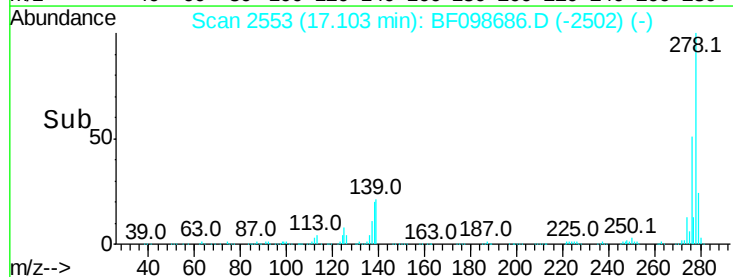
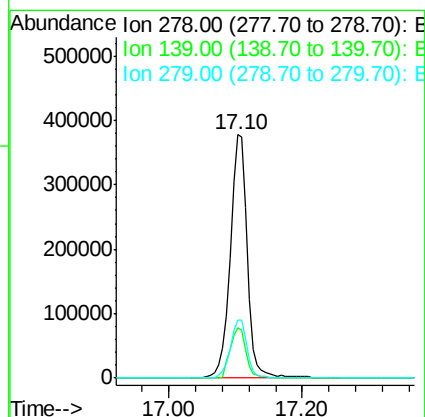
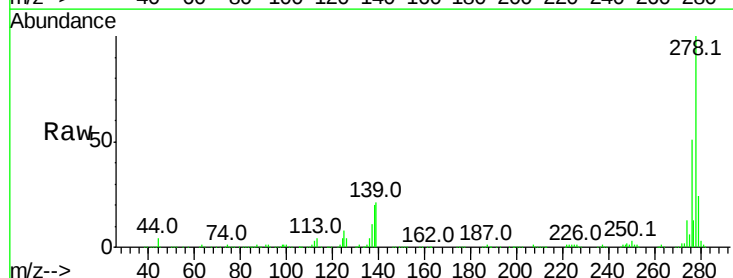
Instrument :
BNA_F
ClientSampleId :
PB102454BS

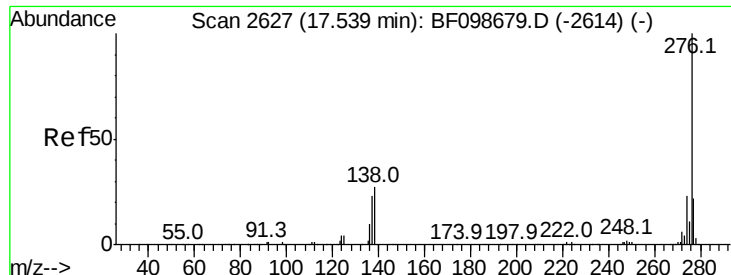
Tot Ion:252 Resp: 864156
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 14.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.160 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:278 Resp: 682741
Ion Ratio Lower Upper
278 100
139 20.7 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.528 ng

RT: 17.54 min Scan# 2628

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

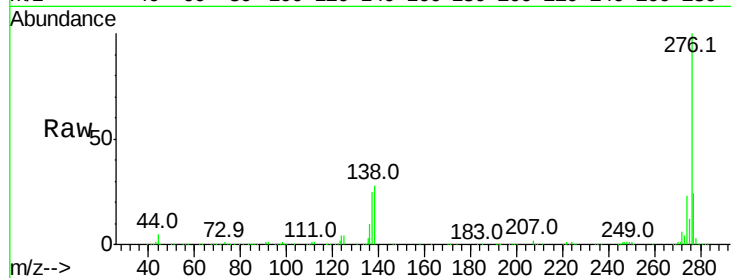
Tot Ion: 276 Resp: 675509

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

