

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101164.D
 Acq On : 6 Dec 2017 13:43
 Operator : SJ/JU
 Sample : PB104760BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

Quant Time: Dec 06 14:39:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46278	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	184995	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90480	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	175197	20.00	ng	0.00
75) Chrysene-d12	14.02	240	137865	20.00	ng	0.00
86) Perylene-d12	15.49	264	98603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	325777	116.32	ng	0.01
7) Phenol-d6	6.49	99	387558	113.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	239262	77.15	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	114840	105.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	526920	79.68	ng	0.00
78) Terphenyl-d14	12.96	244	552817	87.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	40394	34.880	ng	97
3) Pyridine	3.47	79	113083	37.668	ng	97
4) n-Nitrosodimethylamine	3.42	42	56958	38.845	ng	87
6) Aniline	6.51	93	93576	21.164	ng	96
8) 2-Chlorophenol	6.63	128	119301	39.069	ng	98
9) Benzaldehyde	6.40	77	39918	19.181	ng	94
10) Phenol	6.50	94	141141	37.331	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	105043	37.041	ng	99
12) 1,3-Dichlorobenzene	6.79	146	135737	38.175	ng	98
13) 1,4-Dichlorobenzene	6.86	146	140267	38.103	ng	97
14) 1,2-Dichlorobenzene	7.02	146	129864	37.821	ng	98
15) Benzyl Alcohol	6.99	79	100645	38.324	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	168520	43.717	ng	97
17) 2-Methylphenol	7.10	107	96489	39.132	ng	97
18) Hexachloroethane	7.36	117	45368	38.360	ng	# 86
19) n-Nitroso-di-n-propylamine	7.26	70	79850	34.871	ng	95
20) 3+4-Methylphenols	7.26	107	124679	38.772	ng	# 65
22) Acetophenone	7.26	105	156523	35.021	ng	# 89
24) Nitrobenzene	7.43	77	118877	39.112	ng	97
25) Isophorone	7.67	82	215081	40.603	ng	98
26) 2-Nitrophenol	7.75	139	64600	38.718	ng	98
27) 2,4-Dimethylphenol	7.79	122	104639	43.354	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	131992	37.074	ng	98
29) 2,4-Dichlorophenol	7.99	162	106027	40.357	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	111599	38.631	ng	96
31) Naphthalene	8.15	128	346219	37.973	ng	100
32) Benzoic acid	7.88	122	16972	9.041	ng	97
33) 4-Chloroaniline	8.20	127	51027	13.929	ng	97
34) Hexachlorobutadiene	8.26	225	65386	36.903	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	106230	39.034	ng	95
37) 2-Methylnaphthalene	8.85	142	239148	38.602	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	110819	33.715	ng	# 97
40) Hexachlorocyclopentadiene	8.99	237	52217	47.305	ng	100
42) 2,4,6-Trichlorophenol	9.12	196	76073	39.481	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101164.D
 Acq On : 6 Dec 2017 13:43
 Operator : SJ/JU
 Sample : PB104760BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

Quant Time: Dec 06 14:39:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

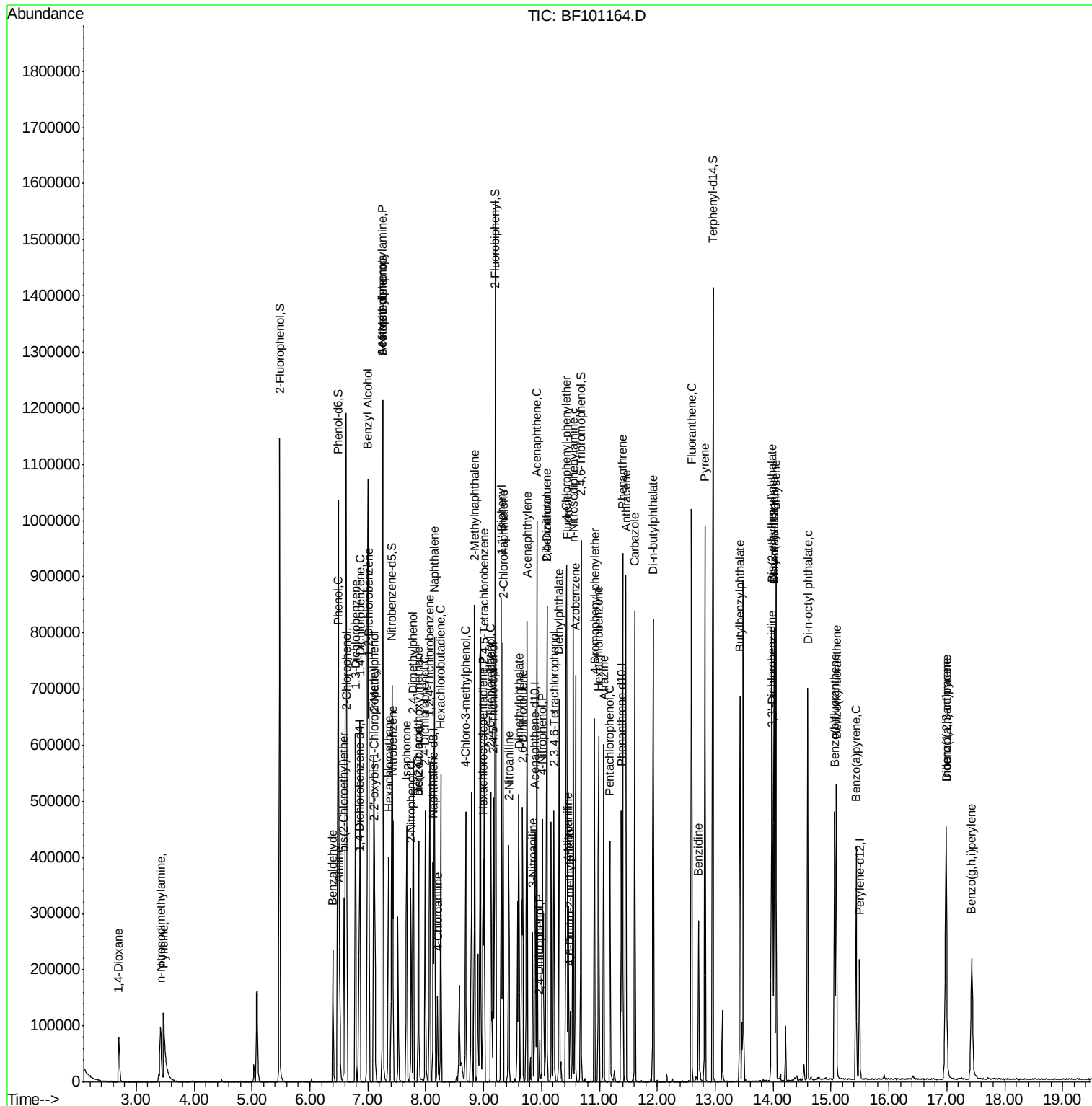
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	81174	39.406	nq	93
45) 1,1'-Biphenyl	9.30	154	283080	34.148	nq	98
46) 2-Chloronaphthalene	9.33	162	227557	38.653	nq	96
47) 2-Nitroaniline	9.43	65	63622	36.526	nq	99
48) Acenaphthylene	9.75	152	350987	36.277	nq	99
49) Dimethylphthalate	9.61	163	261268	35.805	nq	100
50) 2,6-Dinitrotoluene	9.67	165	58869	38.303	nq	96
51) Acenaphthene	9.92	154	203616	35.146	nq	99
52) 3-Nitroaniline	9.85	138	40113	23.209	nq	91
53) 2,4-Dinitrophenol	9.96	184	13901	21.355	nq	# 15
54) Dibenzofuran	10.09	168	311871	37.356	nq	99
55) 4-Nitrophenol	10.02	139	76811	65.898	nq	96
56) 2,4-Dinitrotoluene	10.09	165	75963	36.880	nq	# 92
57) Fluorene	10.44	166	250571	36.920	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	63217	38.328	nq	# 86
59) Diethylphthalate	10.30	149	254634	35.379	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	121574	36.281	nq	89
61) 4-Nitroaniline	10.46	138	58545	32.631	nq	97
62) Azobenzene	10.59	77	223100	36.526	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	19984	17.006	nq	# 72
65) n-Nitrosodiphenylamine	10.55	169	229039	37.057	nq	94
66) 4-Bromophenyl-phenylether	10.92	248	76015	38.763	nq	# 87
67) Hexachlorobenzene	10.99	284	81269	38.668	nq	# 85
68) Atrazine	11.07	200	72853	38.426	nq	95
69) Pentachlorophenol	11.19	266	55555	48.074	nq	98
70) Phenanthrene	11.40	178	373887	38.753	nq	98
71) Anthracene	11.46	178	386469	39.578	nq	97
72) Carbazole	11.61	167	332732	37.295	nq	99
73) Di-n-butylphthalate	11.93	149	402295	35.975	nq	98
74) Fluoranthene	12.59	202	396488	37.073	nq	95
76) Benzidine	12.71	184	124917	27.864	nq	98
77) Pyrene	12.82	202	405042	42.577	nq	98
79) Butylbenzylphthalate	13.43	149	167694	39.982	nq	95
80) Benzo(a)anthracene	14.01	228	331117	38.039	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	80670	26.760	nq	# 98
82) Chrysene	14.05	228	312683	38.679	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	226426	37.862	nq	99
84) Di-n-octyl phthalate	14.60	149	336247	33.769	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	244044	33.956	nq	# 91
87) Benzo(b)fluoranthene	15.06	252	248199	42.025	nq	98
88) Benzo(k)fluoranthene	15.09	252	218294	37.515	nq	# 96
89) Benzo(a)pyrene	15.43	252	215924	40.214	nq	# 98
90) Dibenzo(a,h)anthracene	17.00	278	204543	43.211	nq	# 93
91) Benzo(g,h,i)perylene	17.43	276	209427	46.946	nq	# 92

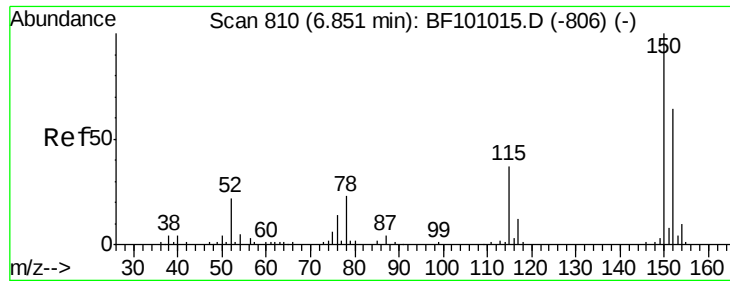
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\  
Data File : BF101164.D  
Acq On    : 6 Dec 2017 13:43  
Operator  : SJ/JU  
Sample    : PB104760BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Quant Time: Dec 06 14:39:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



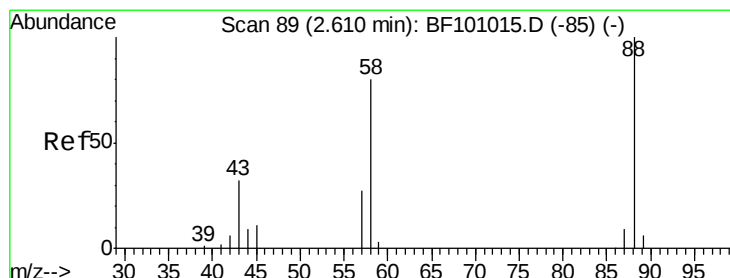
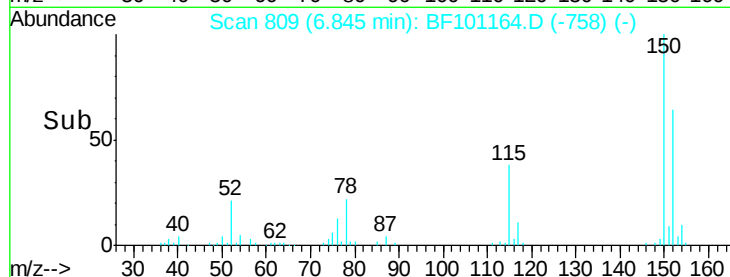
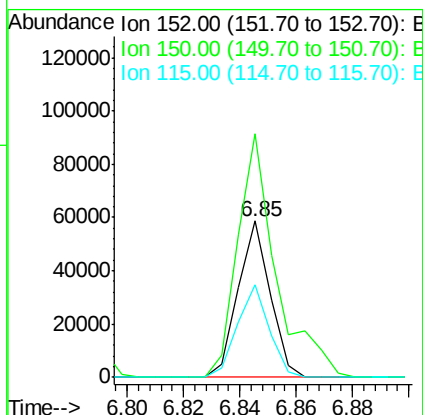
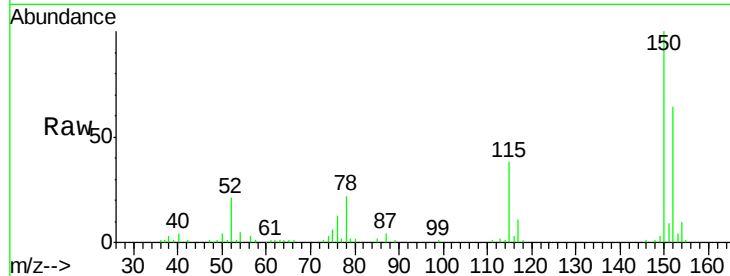


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

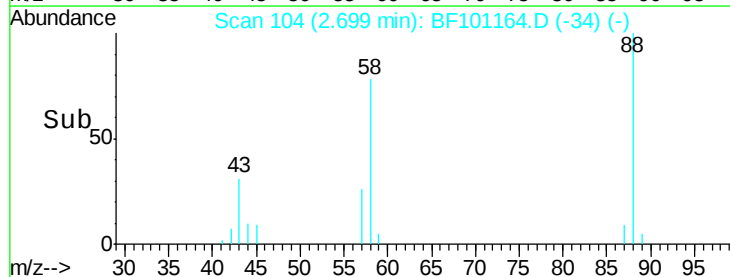
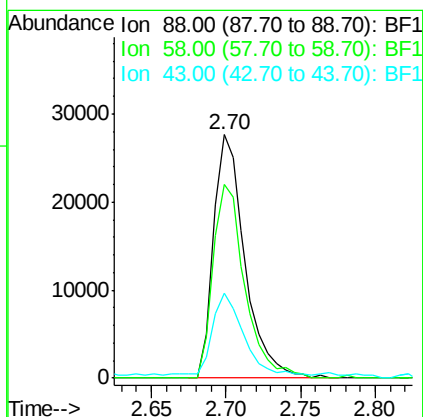
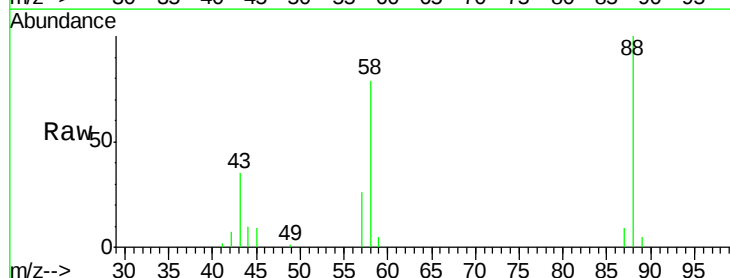
Tot Ion:152 Resp: 46278
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 58.9 50.1 75.1

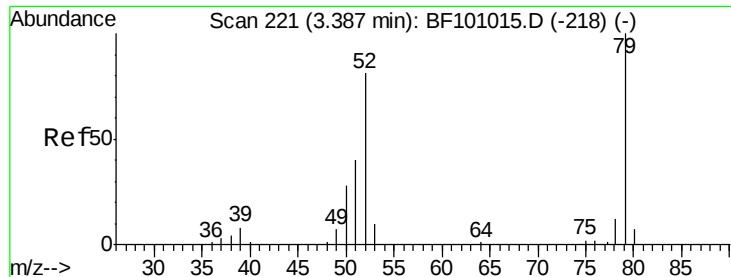


#2

1,4-Dioxane
 Concen: 34.880 ng
 RT: 2.70 min Scan# 104
 Delta R.T. 0.11 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion: 88 Resp: 40394
 Ion Ratio Lower Upper
 88 100
 58 80.9 62.6 93.8
 43 32.0 24.6 37.0





#3

Pvridine

Concen: 37.668 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

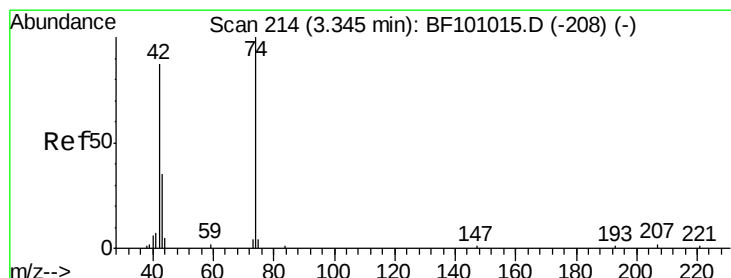
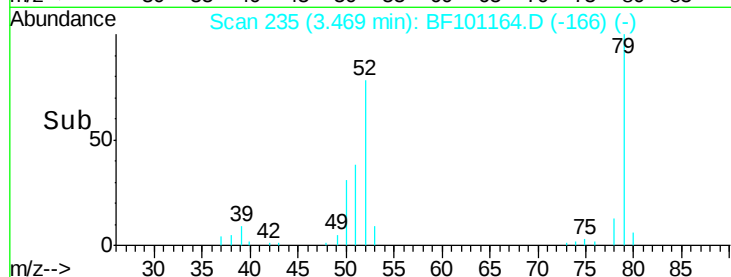
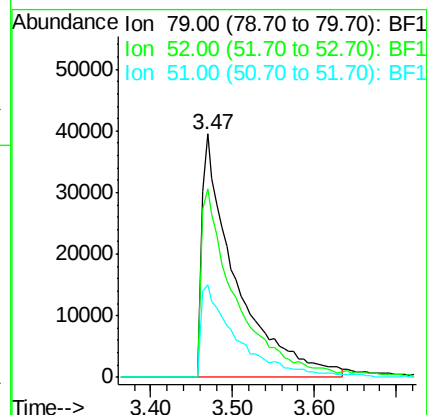
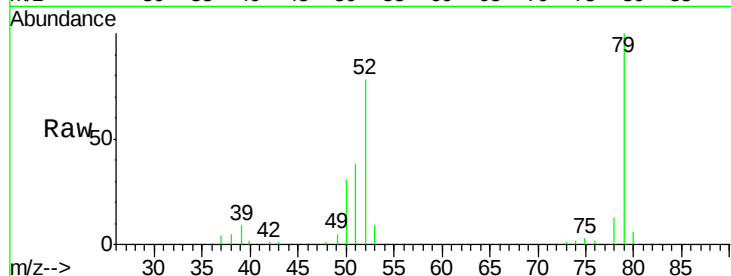
Tot Ion: 79 Resp: 113083

Ion Ratio Lower Upper

79 100

52 77.7 59.8 89.6

51 38.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.845 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.10 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

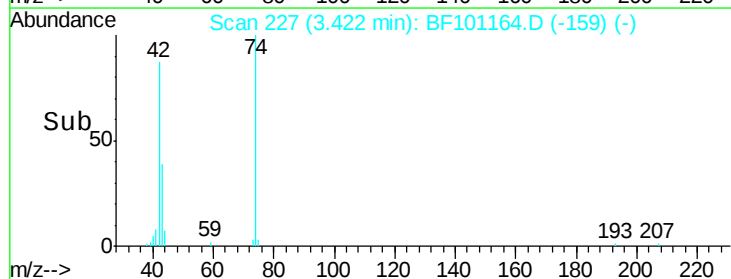
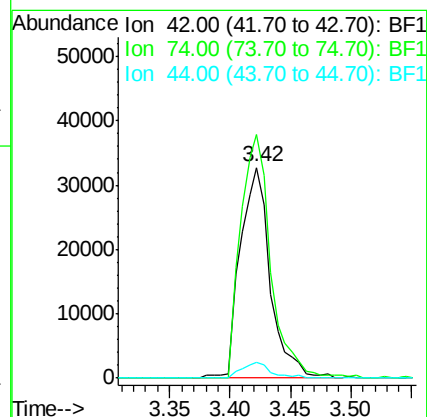
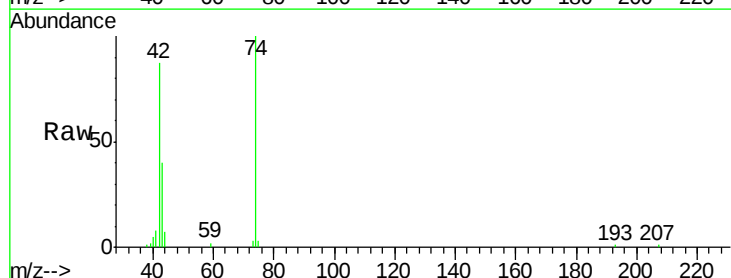
Tgt Ion: 42 Resp: 56958

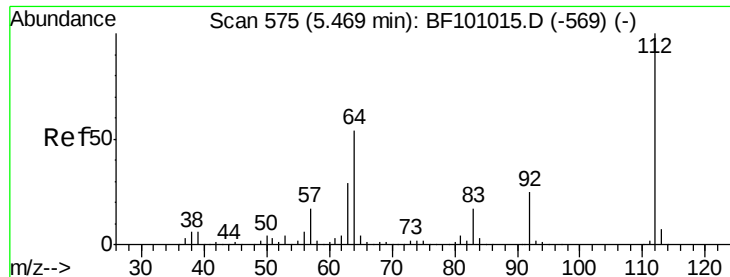
Ion Ratio Lower Upper

42 100

74 115.5 104.9 157.3

44 7.5 6.9 10.3

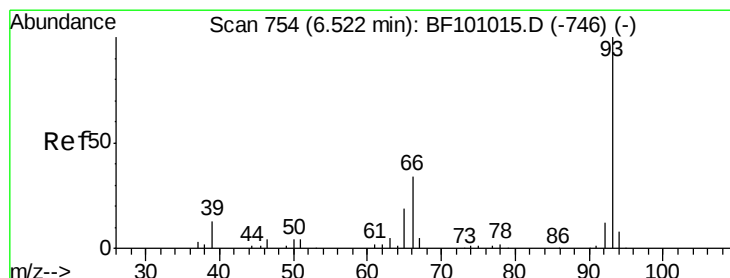
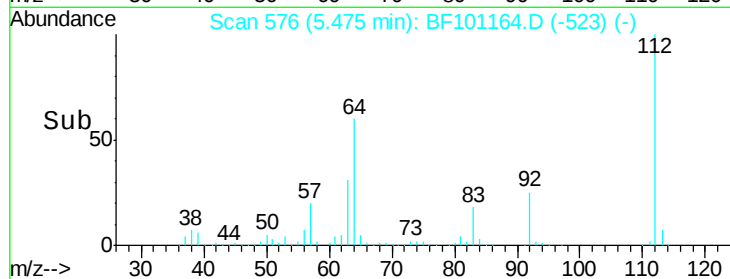
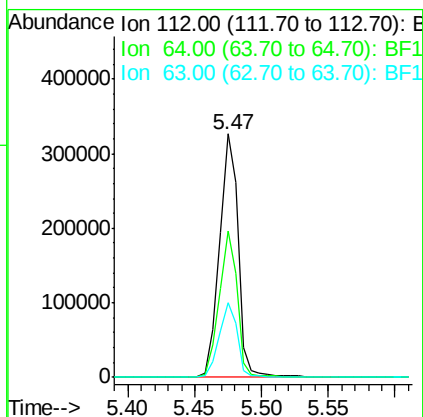
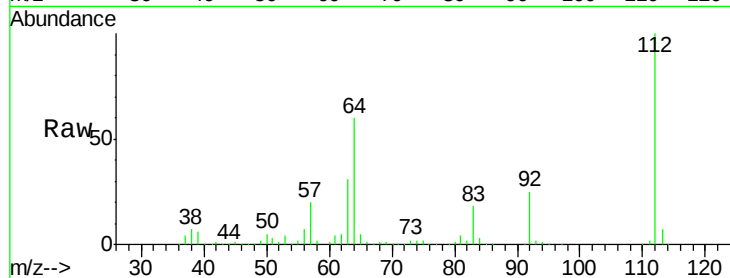




#5
2-Fluorophenol
Concen: 116.325 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

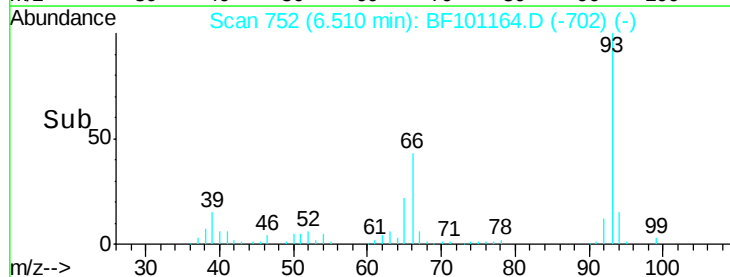
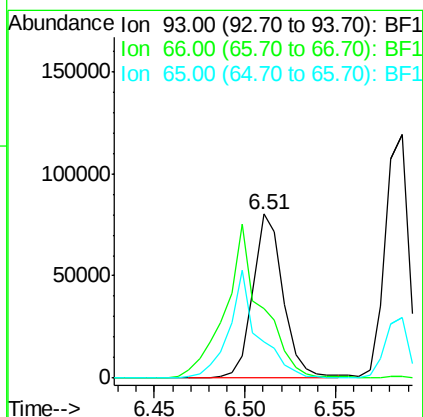
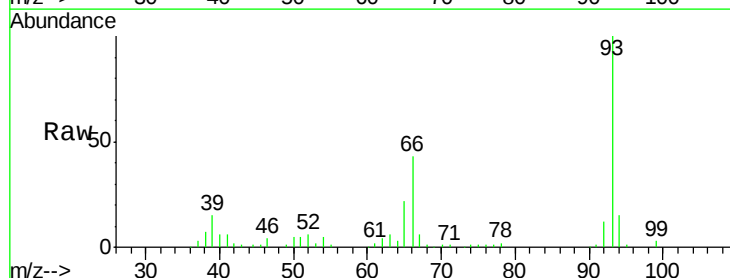
Instrument :
BNA_F
ClientSampleId :
PB104760BS

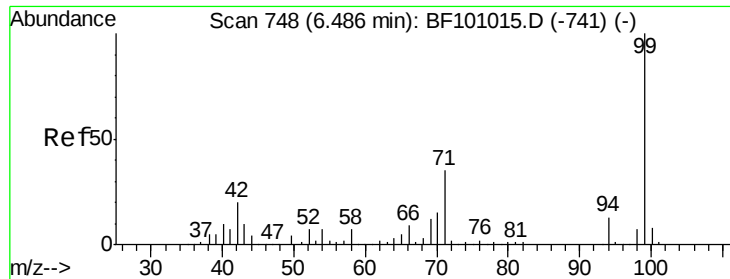
Tot Ion:112 Resp: 325777
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.8 23.7 35.5



#6
Aniline
Concen: 21.164 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion: 93 Resp: 93576
Ion Ratio Lower Upper
93 100
66 42.8 32.2 48.2
65 22.3 16.4 24.6





#7

Phenol-d6

Concen: 113.982 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

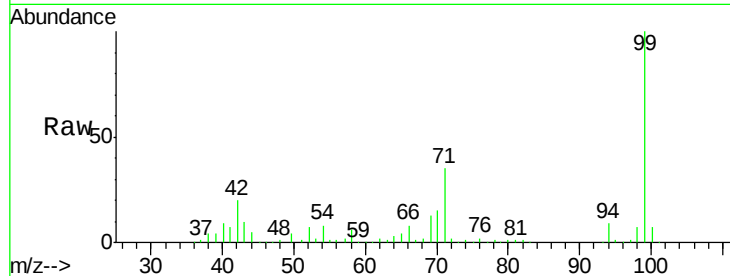
Tot Ion: 99 Resp: 387558

Ion Ratio Lower Upper

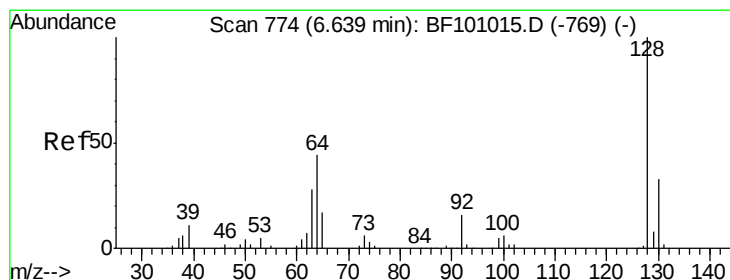
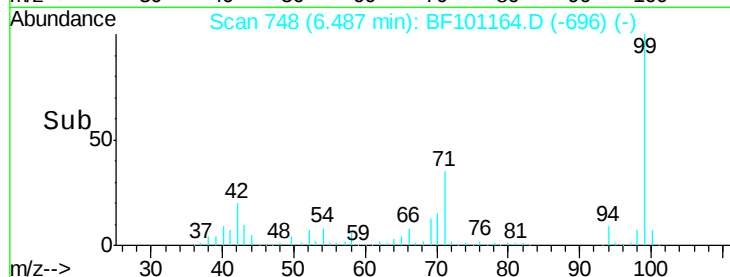
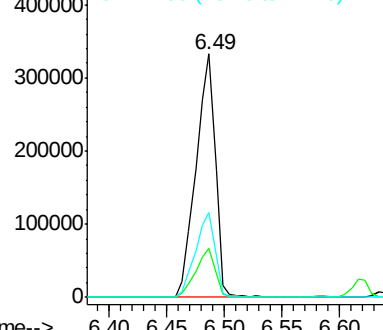
99 100

42 20.0 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.069 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

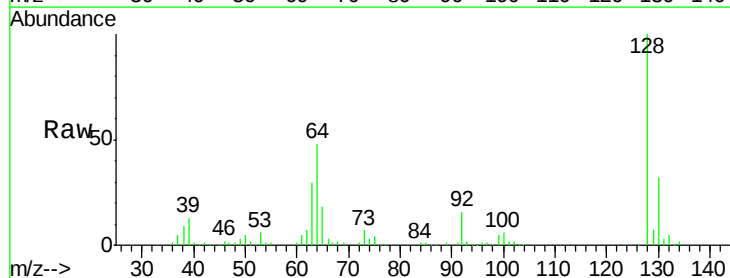
Tgt Ion: 128 Resp: 119301

Ion Ratio Lower Upper

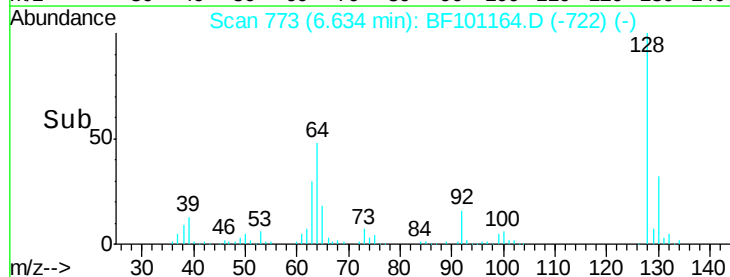
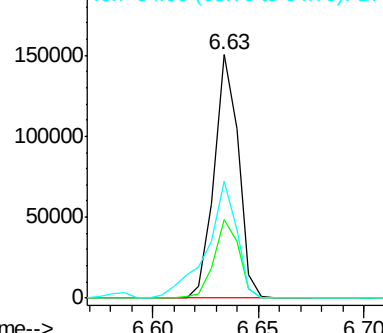
128 100

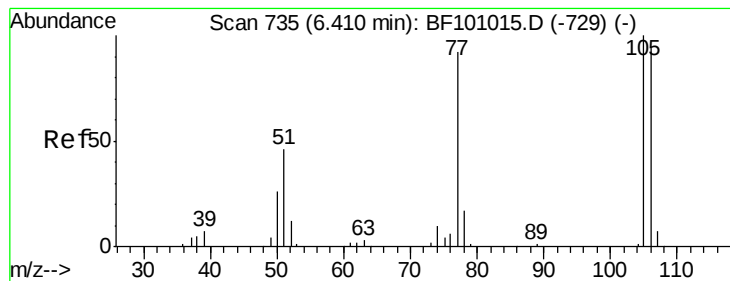
130 32.1 13.0 53.0

64 48.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.181 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

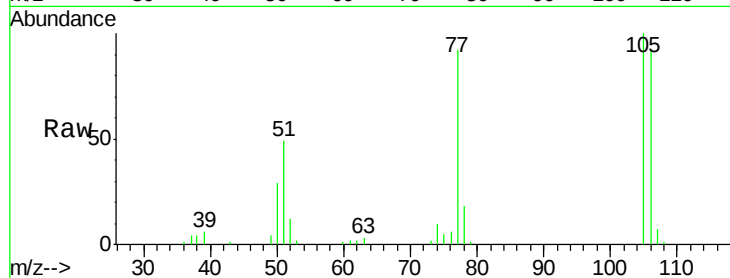
Tot Ion: 77 Resp: 39918

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

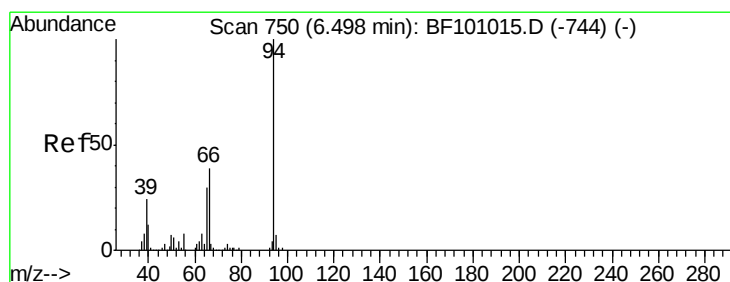
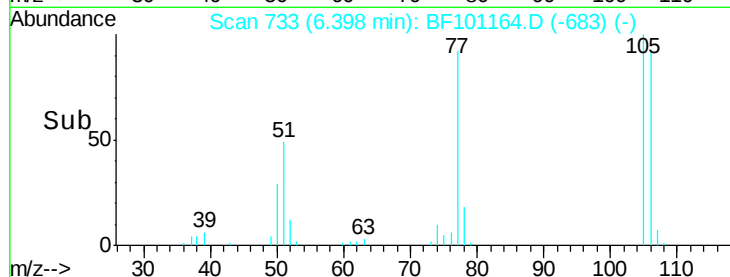
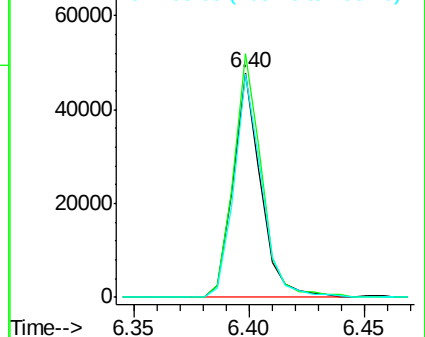
106 99.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.331 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

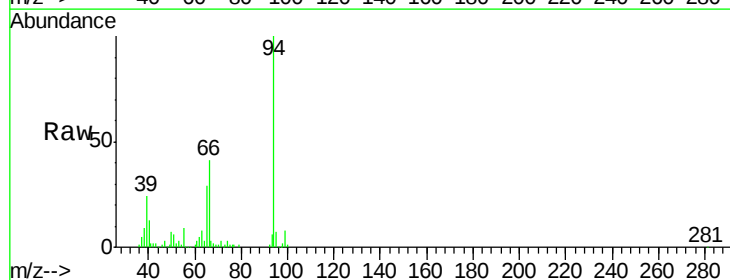
Tgt Ion: 94 Resp: 141141

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

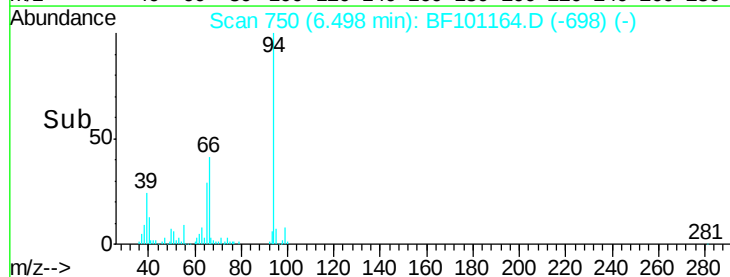
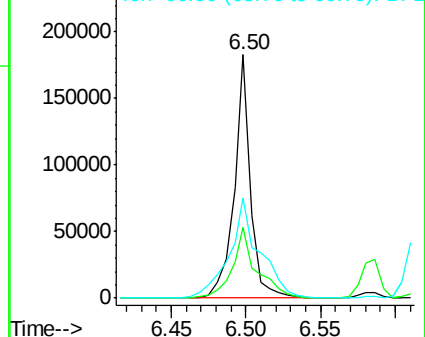
66 41.2 16.2 56.2

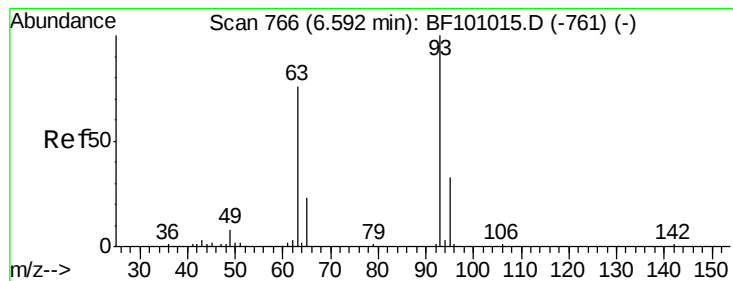


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

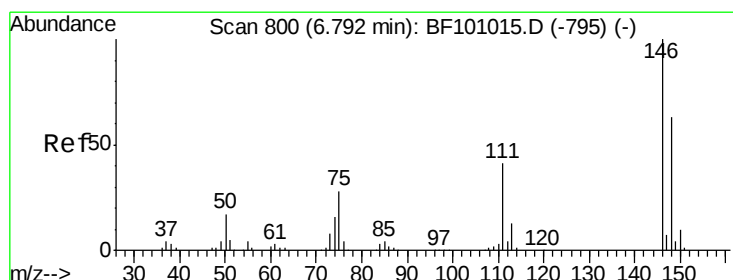
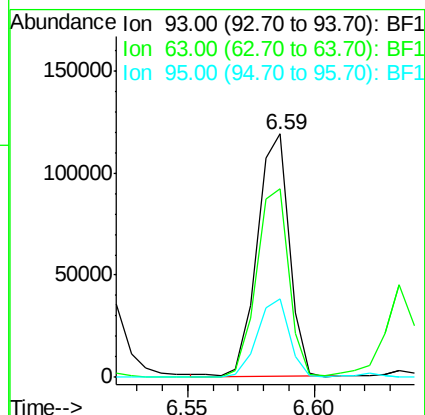
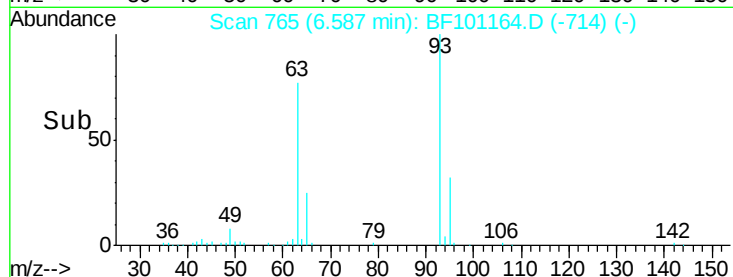
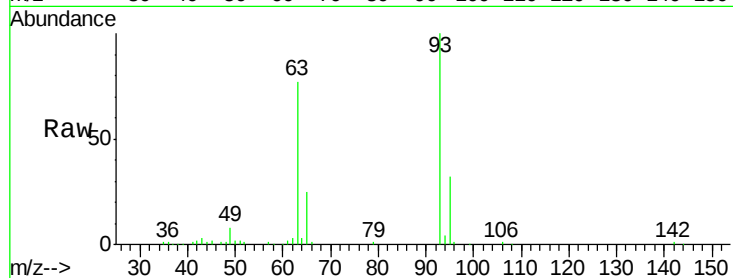




#11
bis(2-Chloroethyl)ether
Concen: 37.041 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

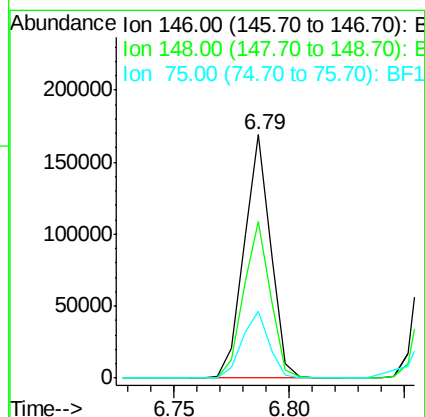
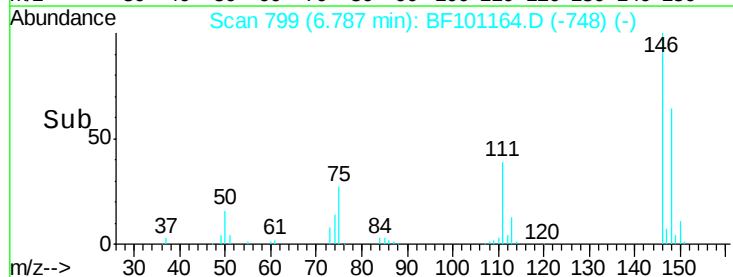
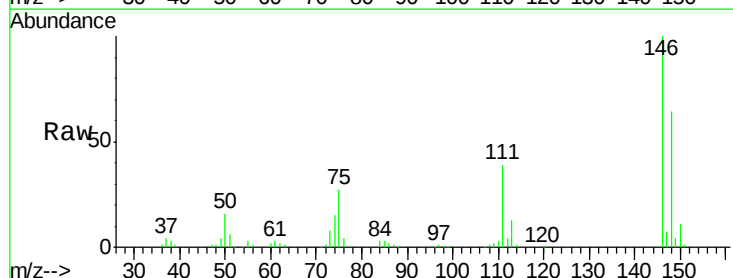
Instrument :
BNA_F
ClientSampleId :
PB104760BS

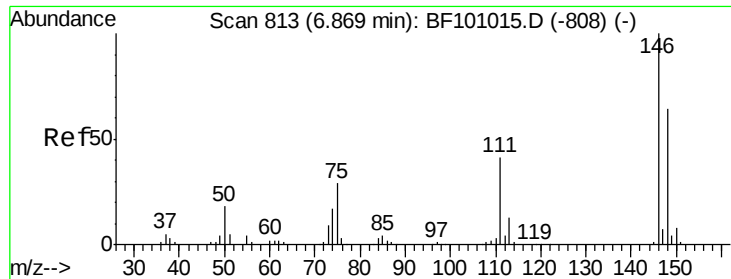
Tot Ion: 93 Resp: 105043
Ion Ratio Lower Upper
93 100
63 77.4 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.175 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion: 146 Resp: 135737
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 27.4 24.2 36.4

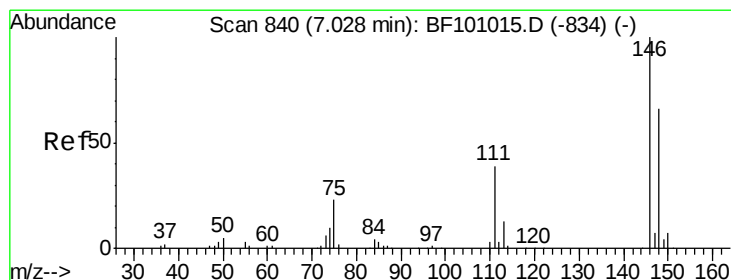
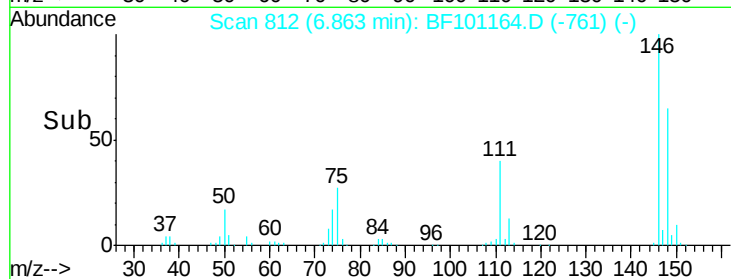
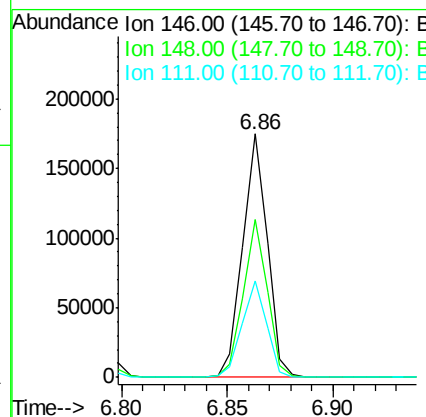
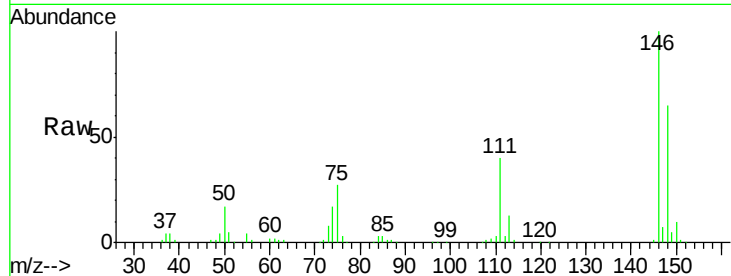




#13
 1,4-Dichlorobenzene
 Concen: 38.103 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

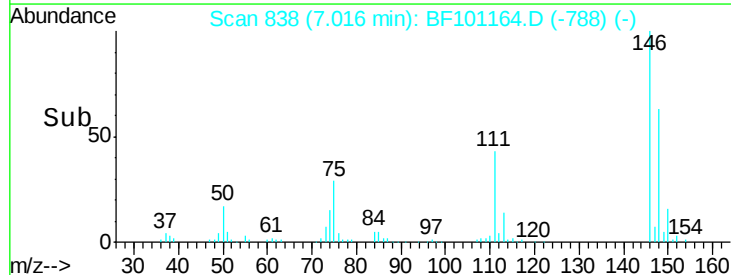
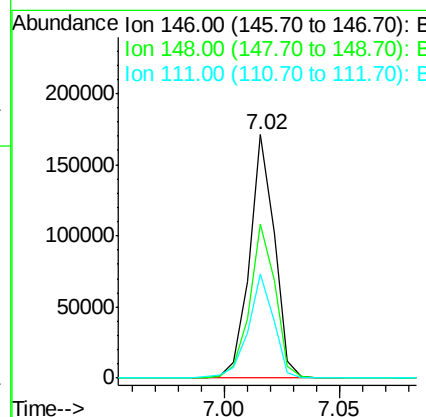
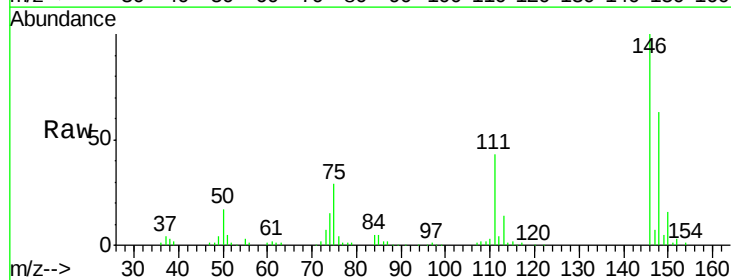
Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

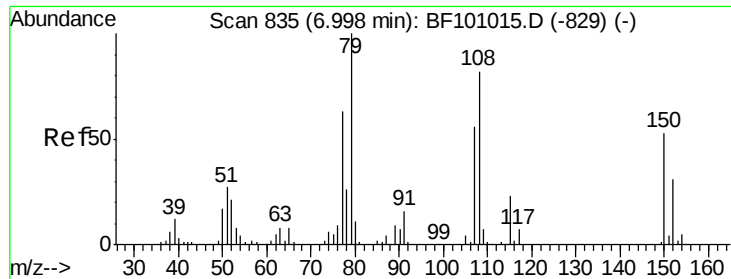
Tot Ion:146 Resp: 140267
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 39.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.821 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion:146 Resp: 129864
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.7 36.0 54.0

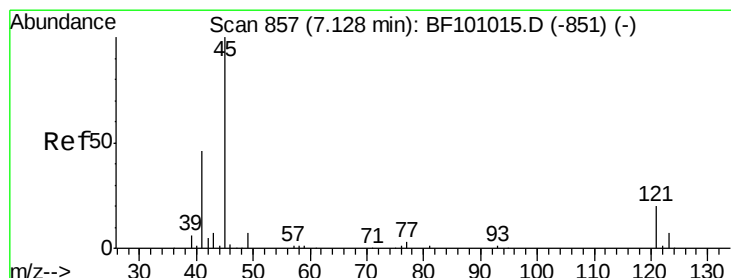
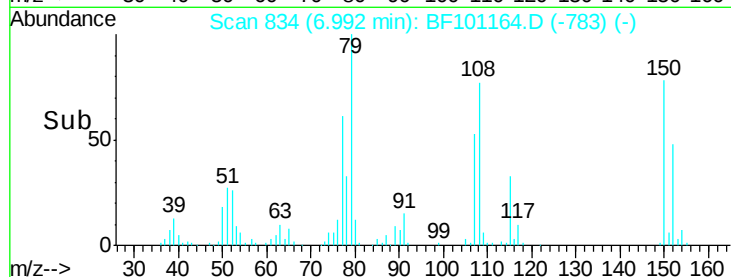
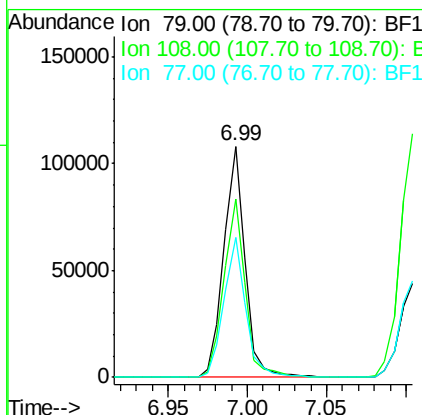
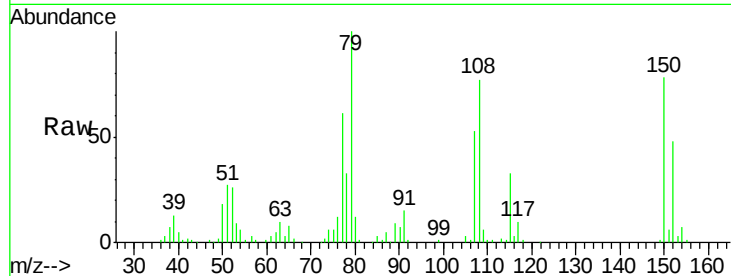




#15
Benzyl Alcohol
Concen: 38.324 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

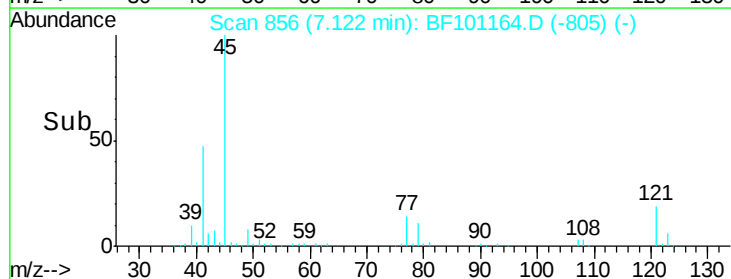
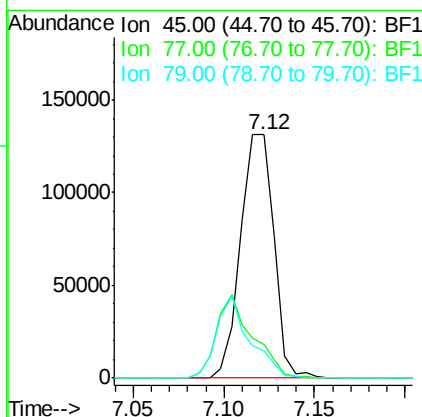
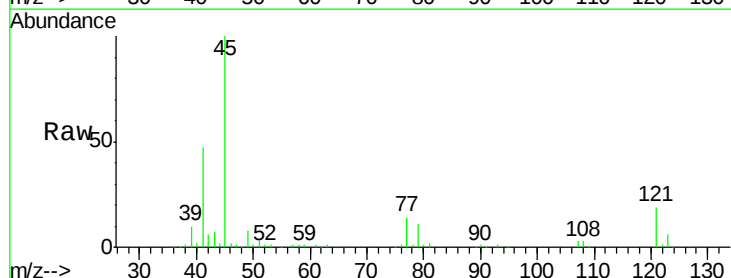
Instrument :
BNA_F
ClientSampleId :
PB104760BS

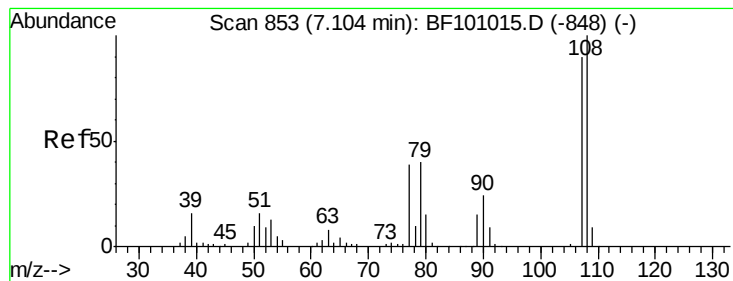
Tot Ion: 79 Resp: 100645
Ion Ratio Lower Upper
79 100
108 77.1 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.717 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion: 45 Resp: 168520
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 11.3 0.0 29.6

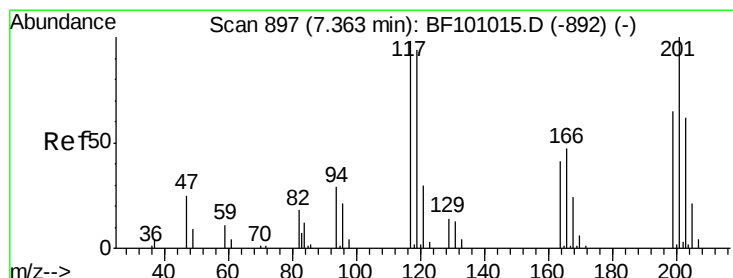
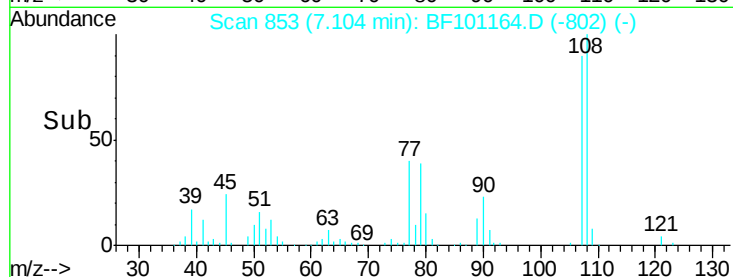
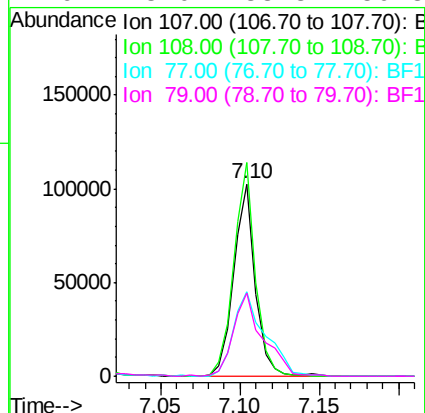
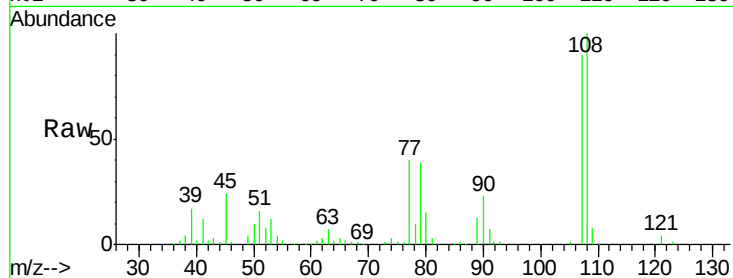




#17
2-Methylphenol
Concen: 39.132 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

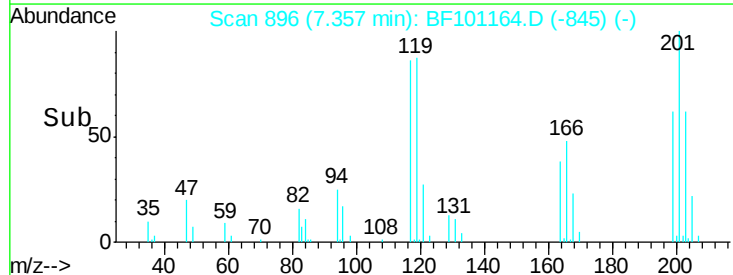
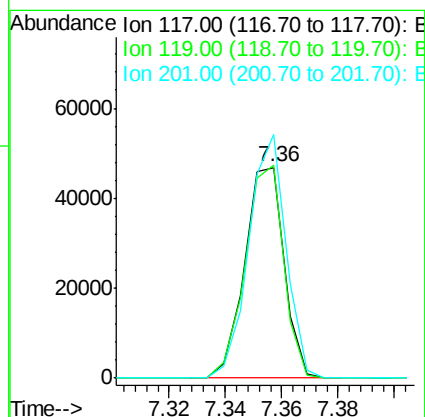
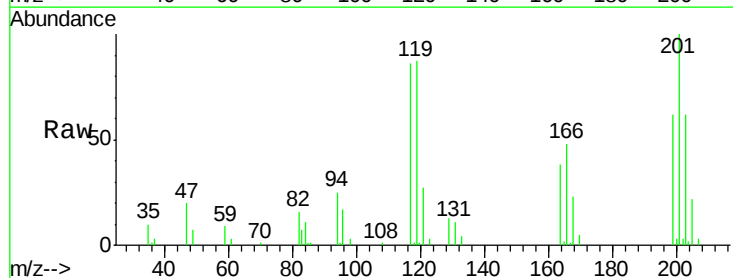
Instrument :
BNA_F
ClientSampleId :
PB104760BS

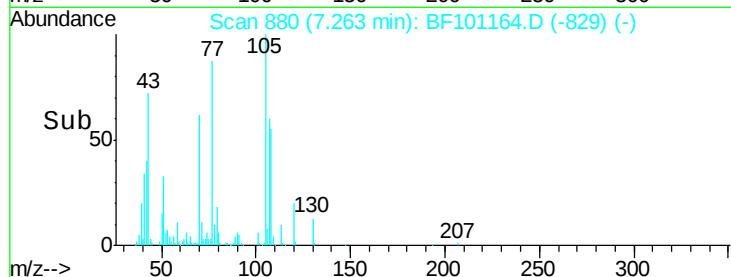
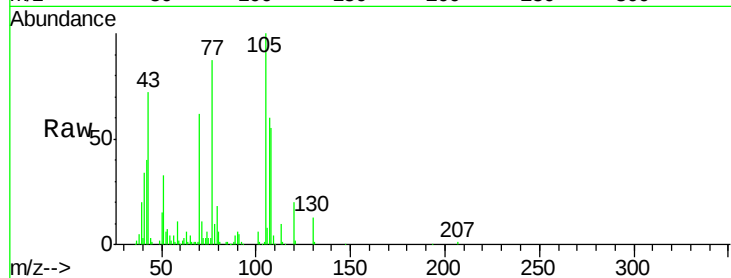
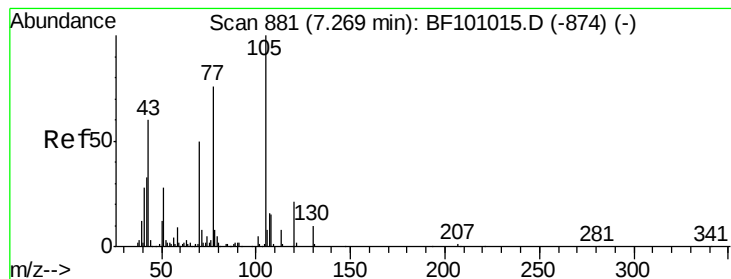
Tot Ion:107 Resp: 96489
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 44.1 33.8 50.8
79 43.0 33.8 50.8



#18
Hexachloroethane
Concen: 38.360 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:117 Resp: 45368
Ion Ratio Lower Upper
117 100
119 100.9 75.8 113.8
201 115.7 75.7 113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 34.871 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

Tot Ion: 70 Resp: 79850

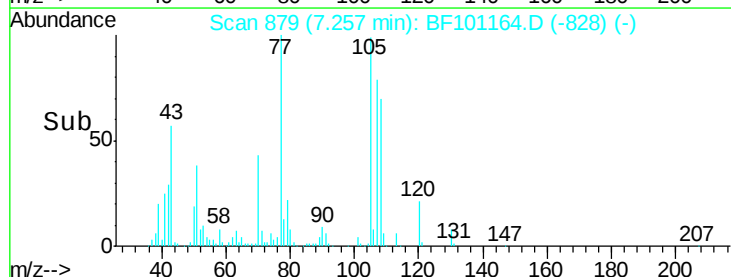
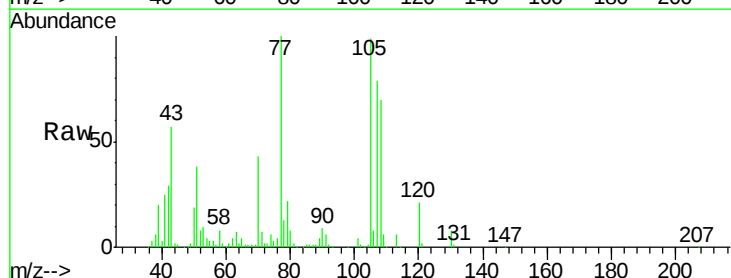
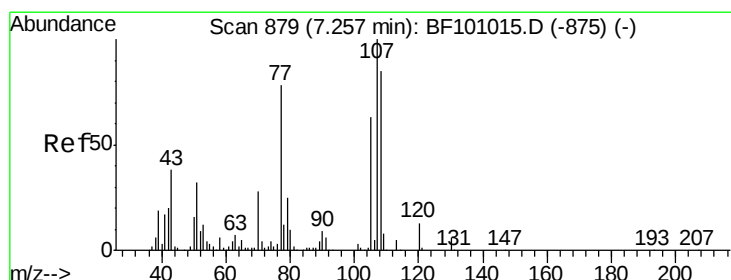
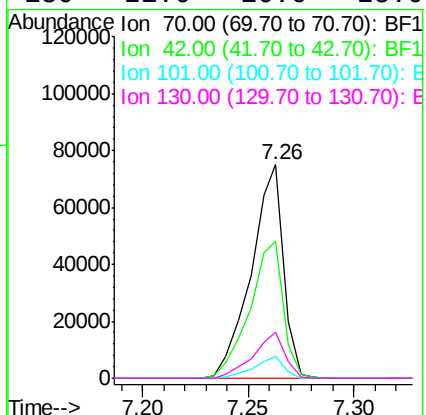
Ion Ratio Lower Upper

70 100

42 64.4 47.5 71.3

101 10.4 7.4 11.2

130 21.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.772 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Tgt Ion: 107 Resp: 124679

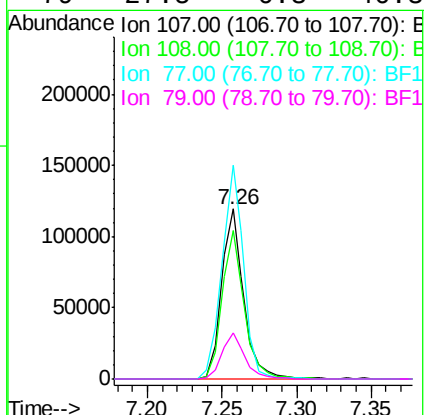
Ion Ratio Lower Upper

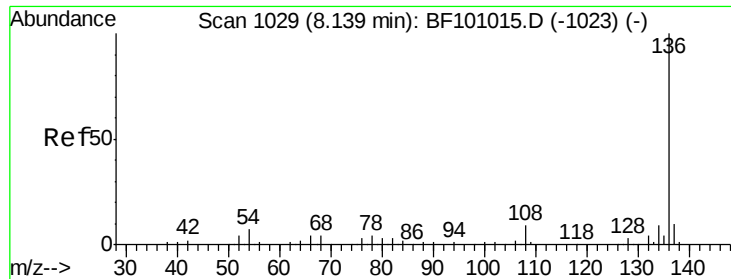
107 100

108 87.7 68.2 108.2

77 125.8 26.7 66.7#

79 27.5 6.3 46.3

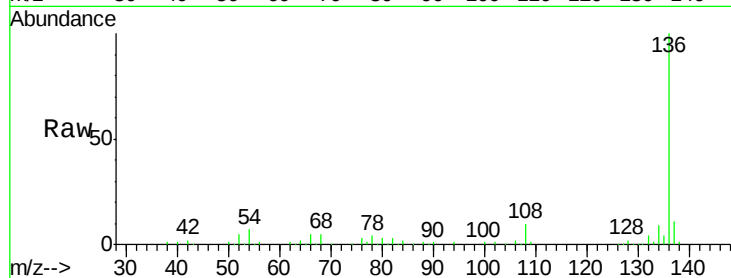




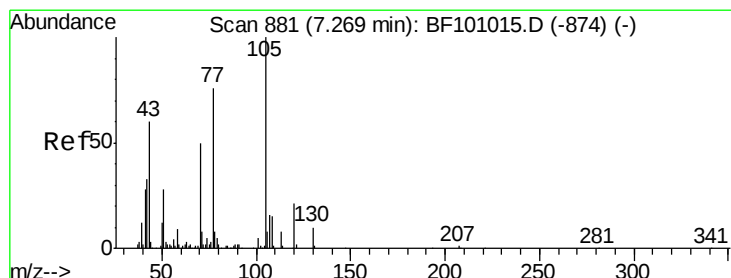
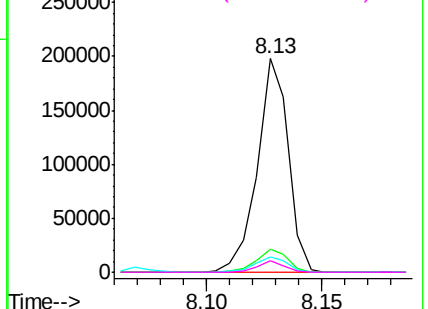
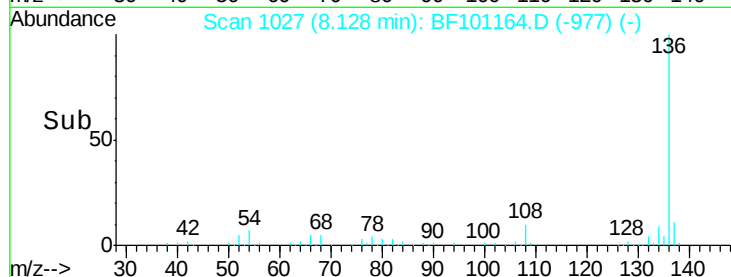
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:136	Resp:	184995
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.1	6.6 9.8
68	5.1	5.0 7.4

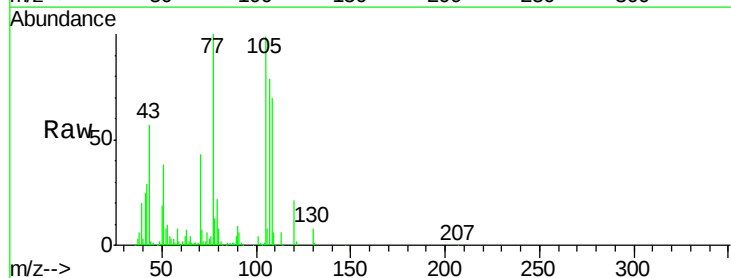


Abundance Ion 136.00 (135.70 to 136.70): E

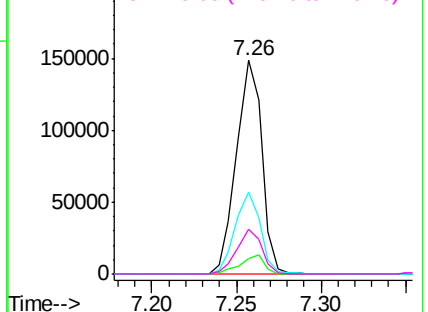
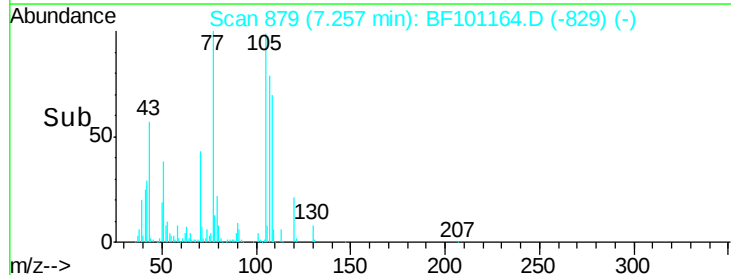


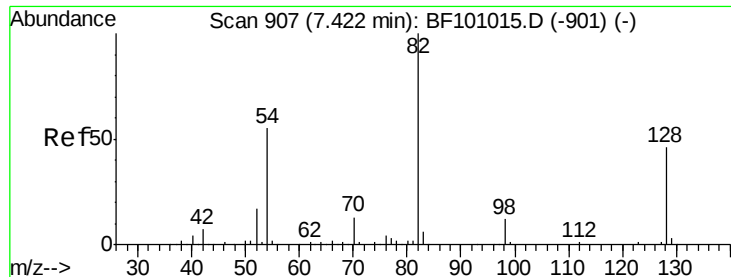
#22
Acetophenone
Concen: 35.021 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:105	Resp:	156523
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	38.4	22.3 33.5#
120	21.2	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E





#23

Nitrobenzene-d5

Concen: 77.152 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

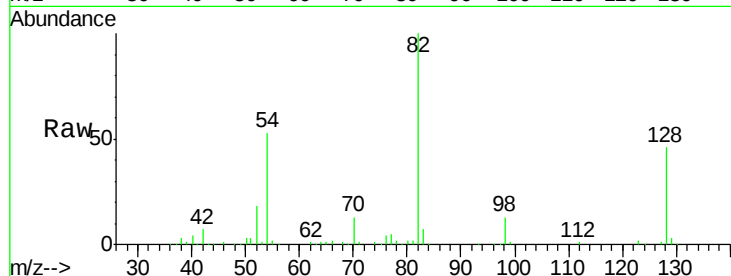
Tot Ion: 82 Resp: 239262

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

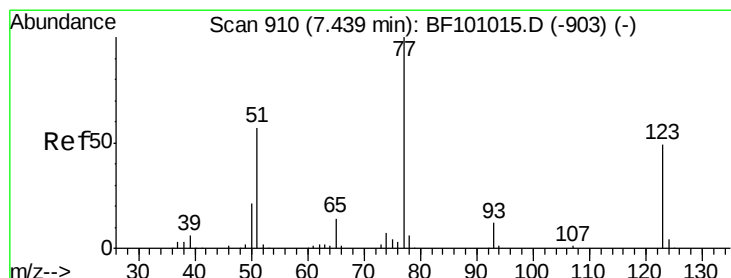
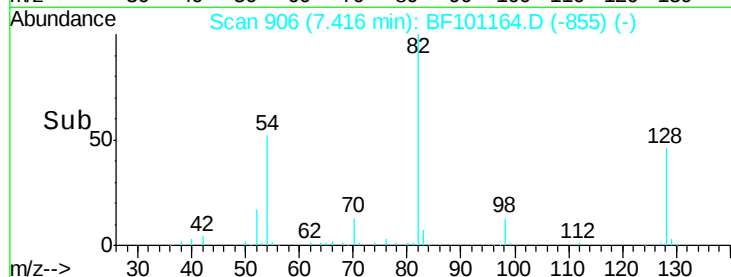
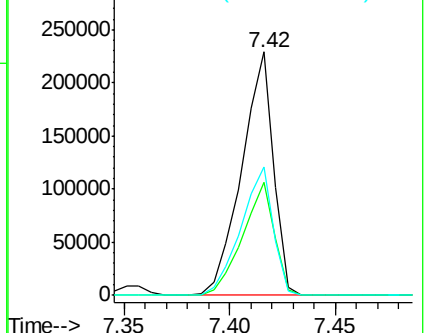
54 52.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.112 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

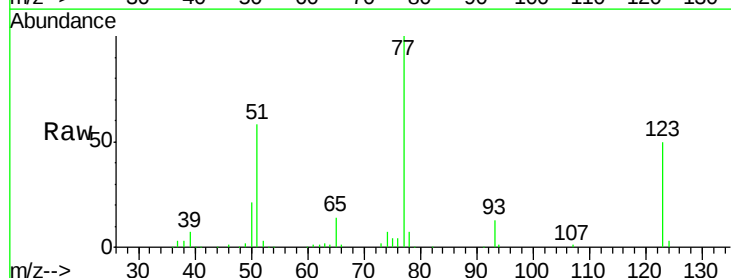
Tgt Ion: 77 Resp: 118877

Ion Ratio Lower Upper

77 100

123 50.3 37.9 56.9

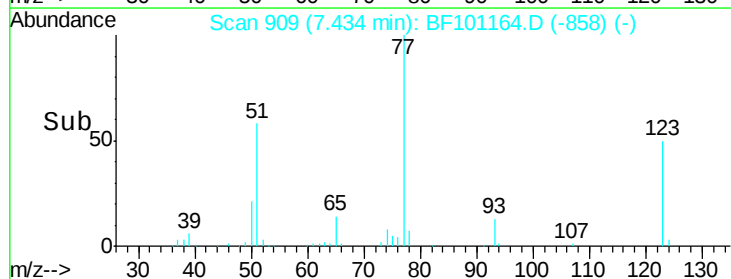
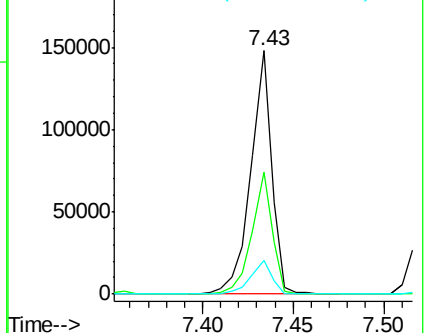
65 14.0 11.0 16.4

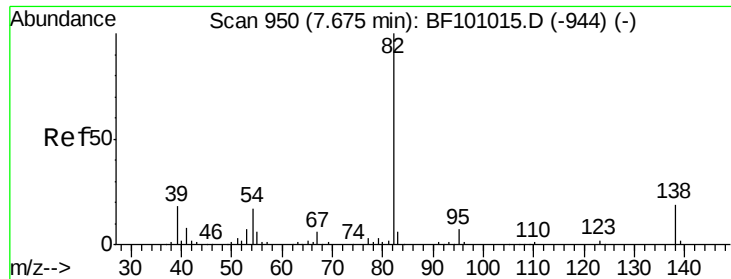


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.603 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

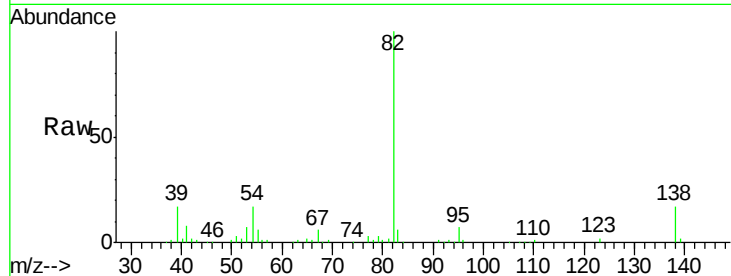
Tot Ion: 82 Resp: 215081

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

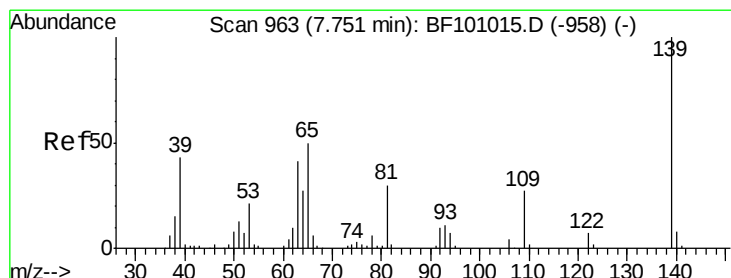
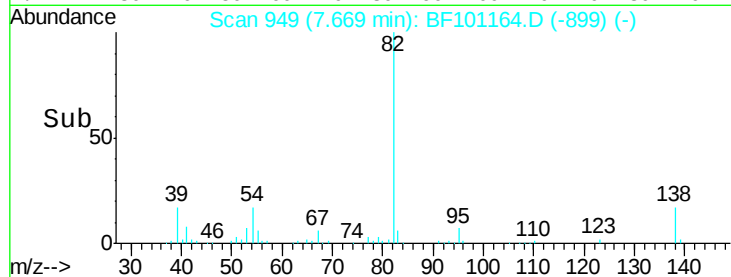
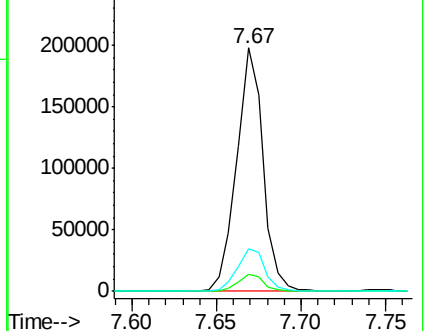
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.718 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

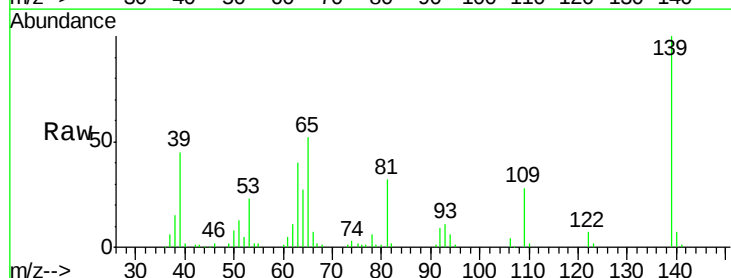
Tgt Ion: 139 Resp: 64600

Ion Ratio Lower Upper

139 100

109 28.0 22.7 34.1

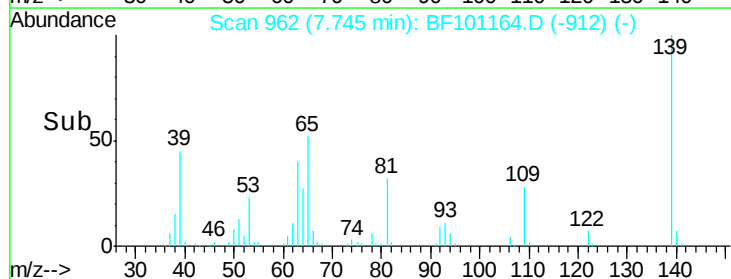
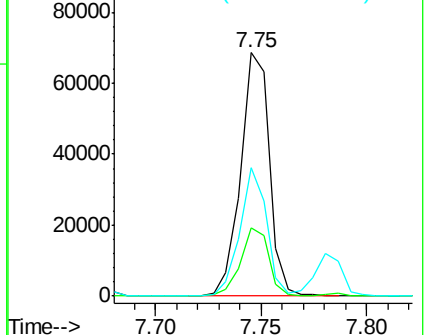
65 52.5 40.5 60.7

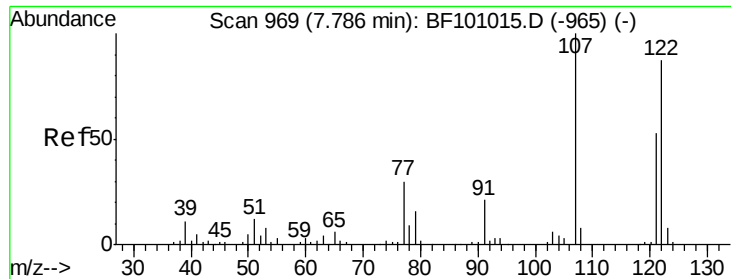


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

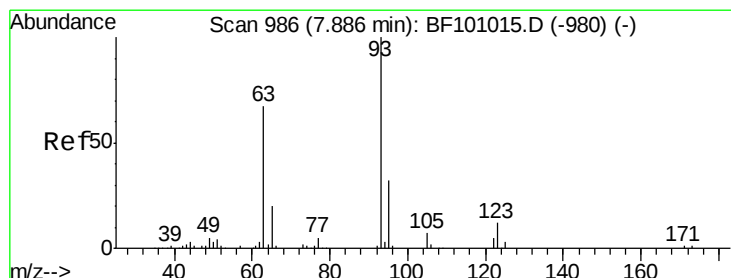
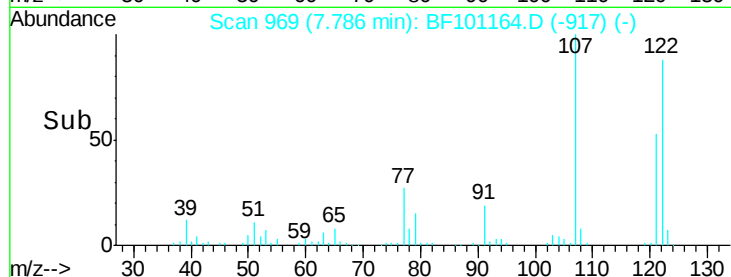
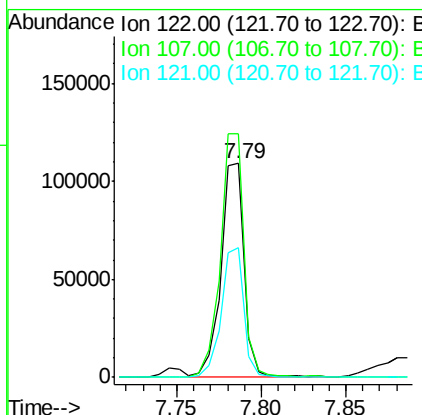
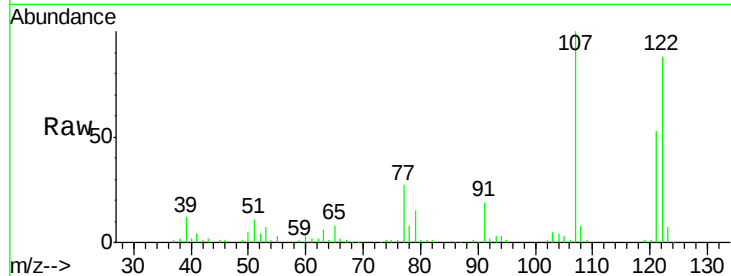




#27
 2,4-Dimethylphenol
 Concen: 43.354 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

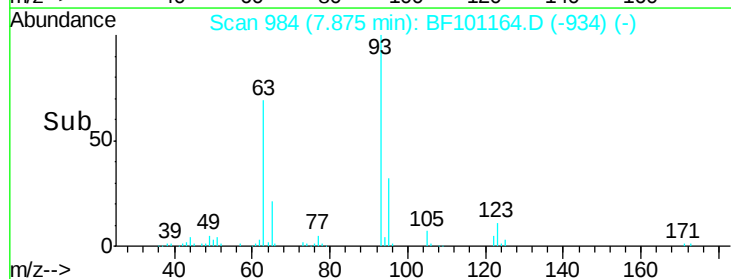
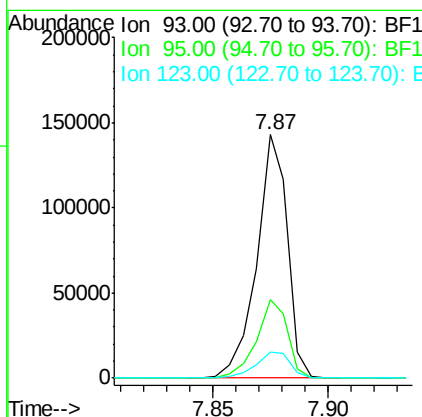
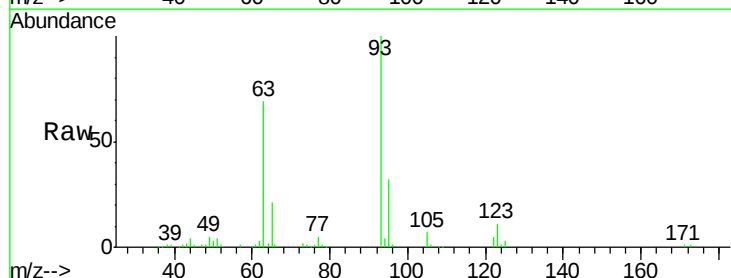
Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

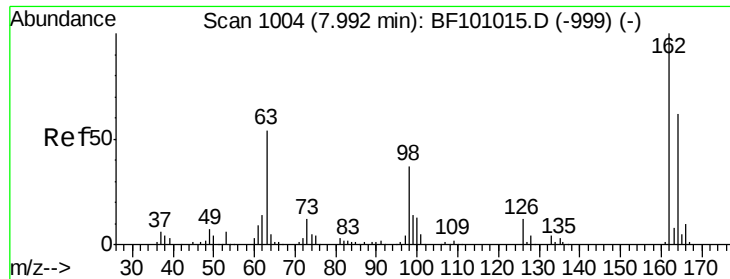
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.2	136.8
121	60.9	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.074 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	10.8	9.8	14.6

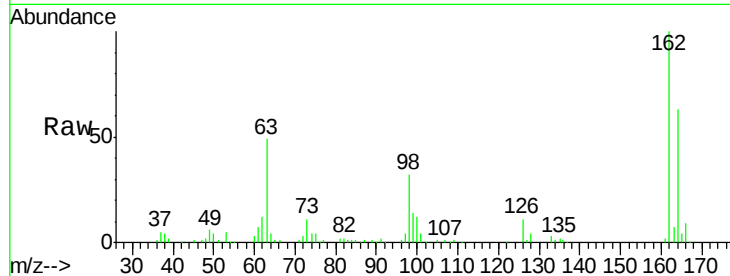




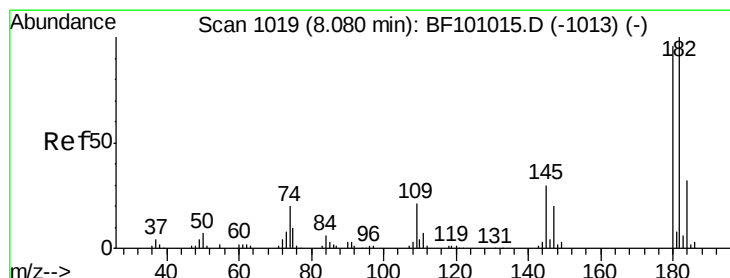
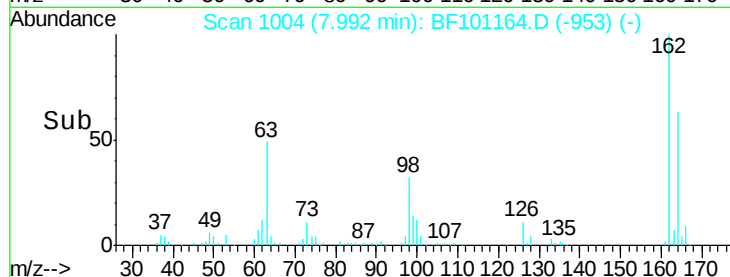
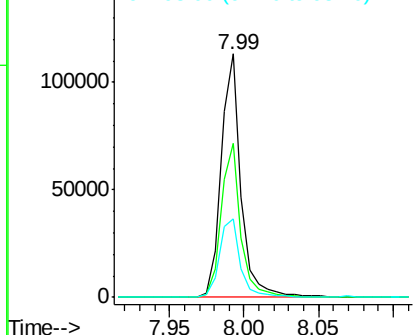
#29
 2,4-Dichlorophenol
 Concen: 40.357 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	32.2	18.1	58.1

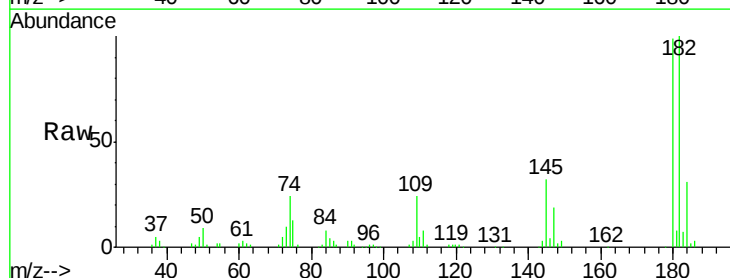


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

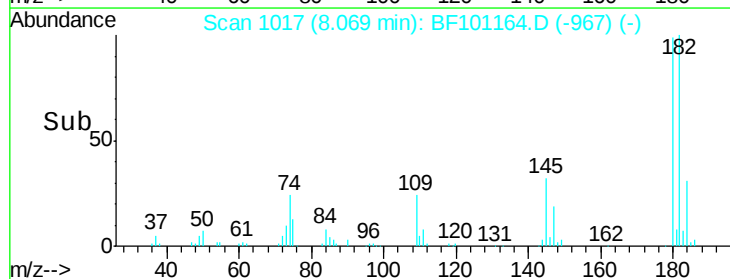
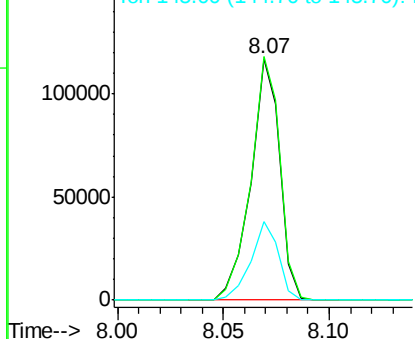


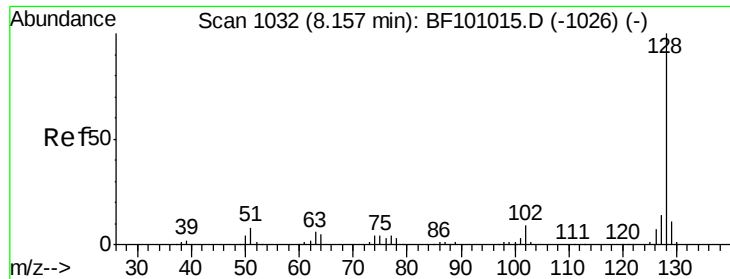
#30
 1,2,4-Trichlorobenzene
 Concen: 38.631 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.8	115.2
145	32.5	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

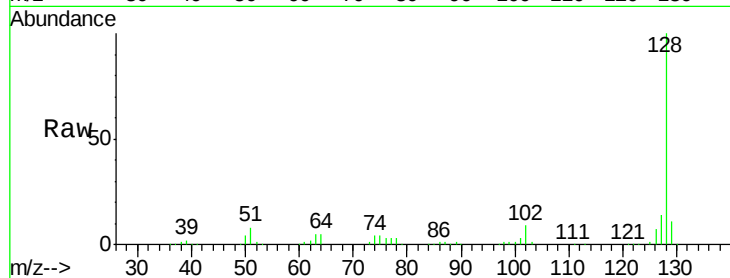




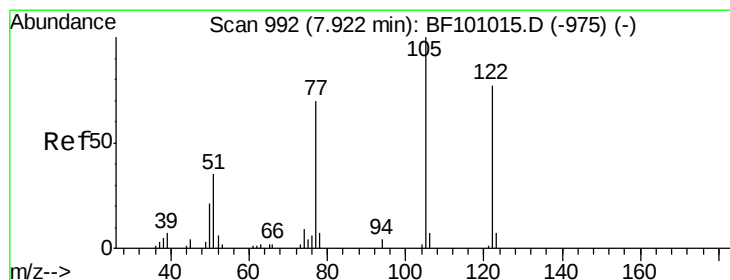
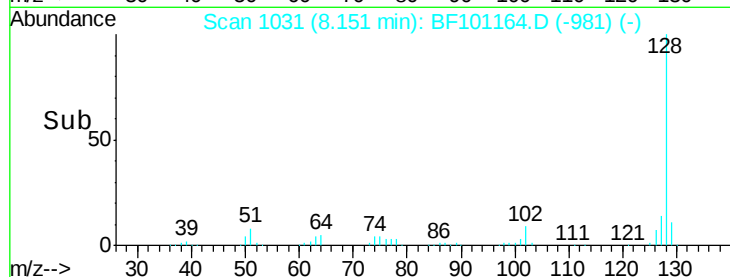
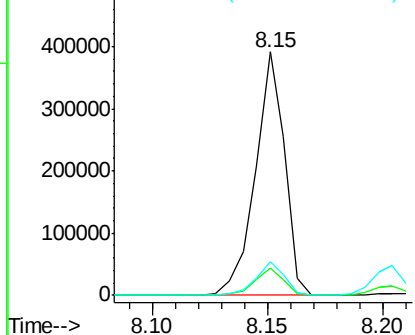
#31
Naphthalene
Concen: 37.973 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:128 Resp: 346219
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.9 16.3

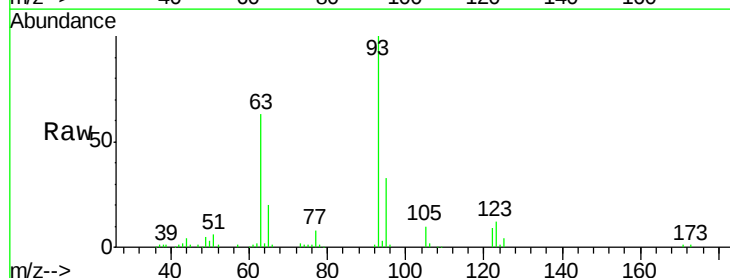


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

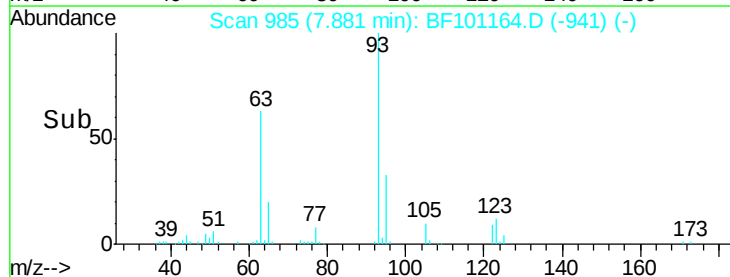
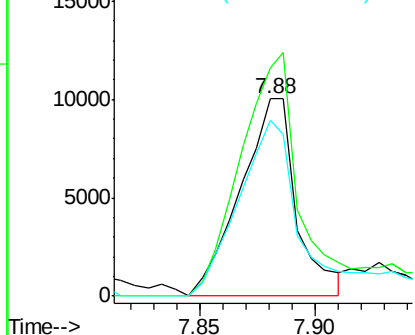


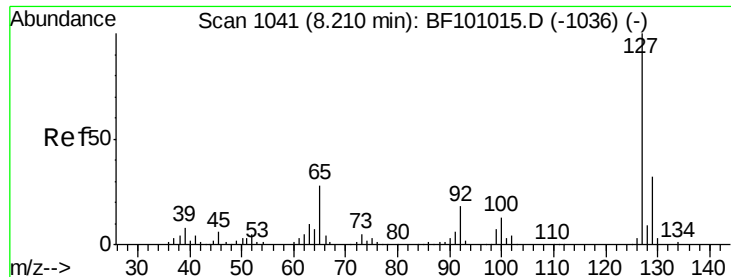
#32
Benzoic acid
Concen: 9.041 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:122 Resp: 16972
Ion Ratio Lower Upper
122 100
105 115.9 101.1 141.1
77 88.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

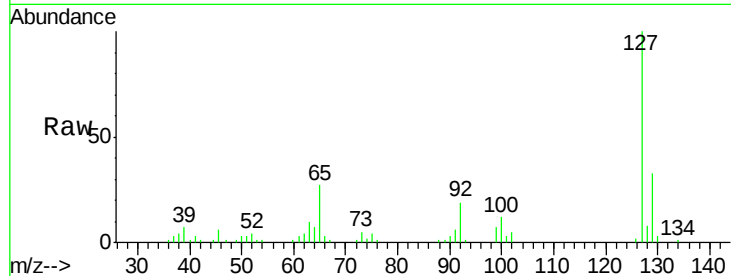




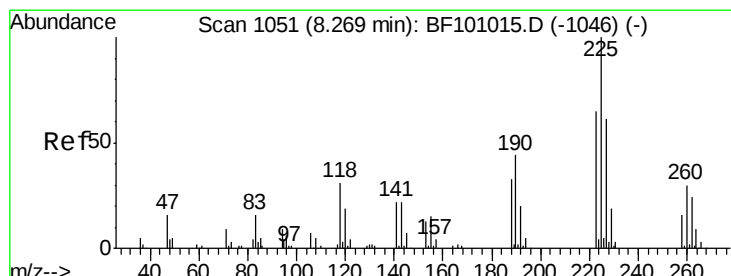
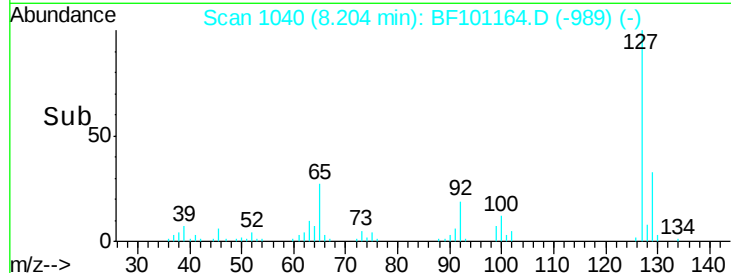
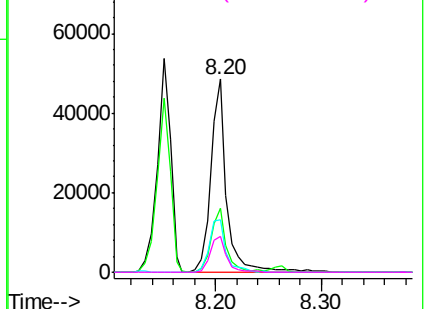
#33
4-Chloroaniline
Concen: 13.929 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:127	Resp:	51027
Ion Ratio	Lower	Upper
127	100	
129	33.2	25.9 38.9
65	27.4	25.0 37.4
92	18.6	15.2 22.8

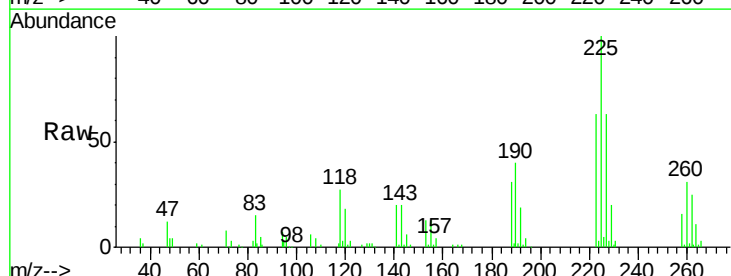


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

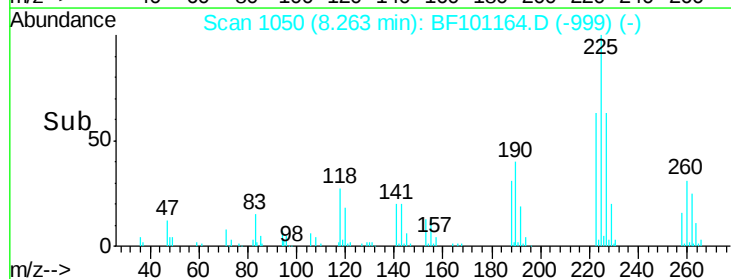
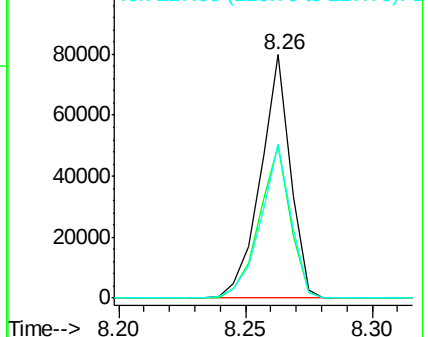


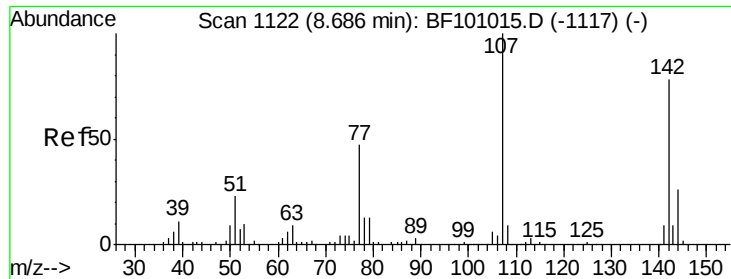
#34
Hexachlorobutadiene
Concen: 36.903 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:225	Resp:	65386
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.6 76.0
227	63.4	51.9 77.9



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

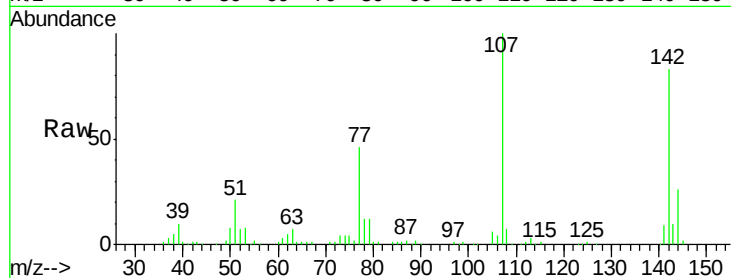




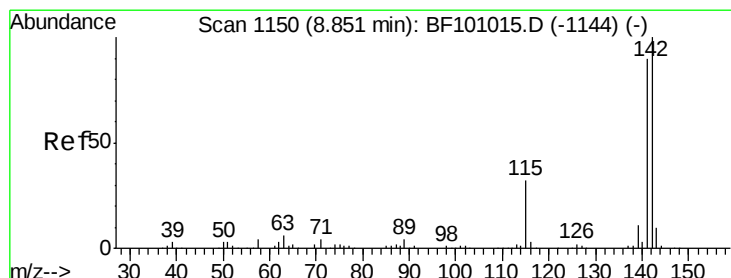
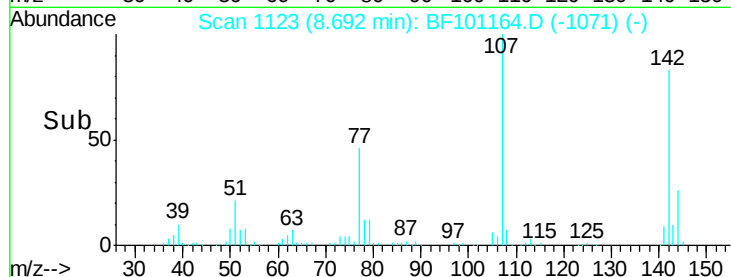
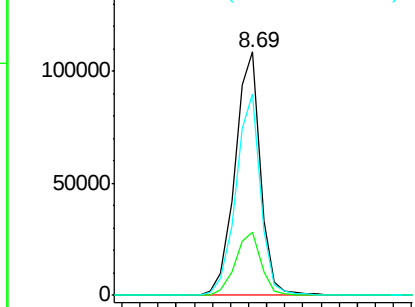
#36
 4-Chloro-3-methylphenol
 Concen: 39.034 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	83.0	62.0	93.0

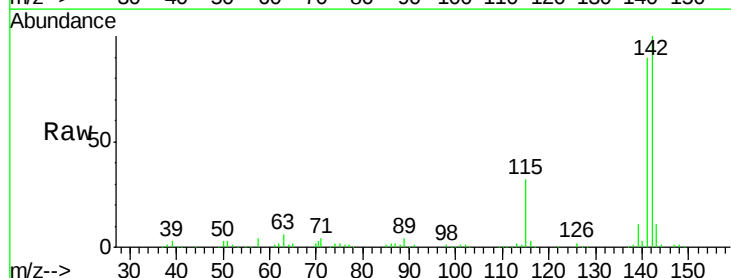


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

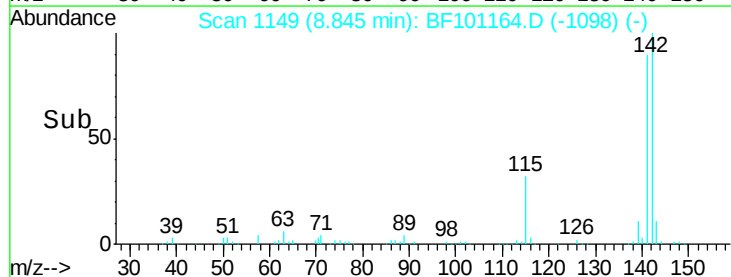
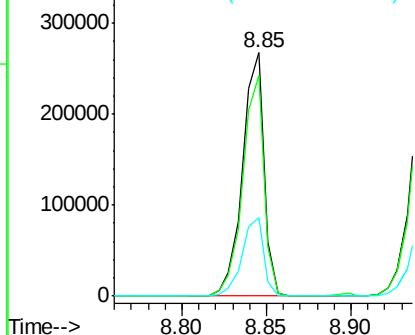


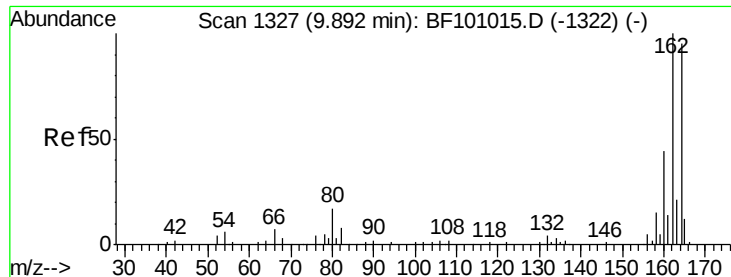
#37
 2-Methylnaphthalene
 Concen: 38.602 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	32.5	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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

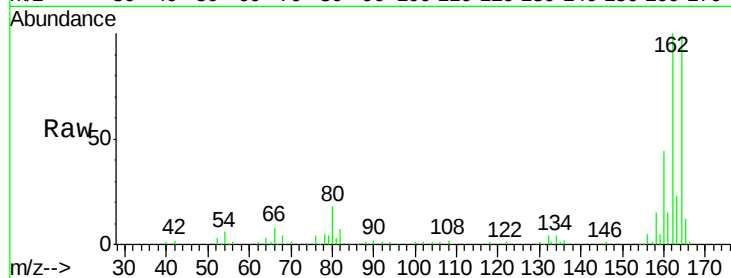
Tot Ion:164 Resp: 90480

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

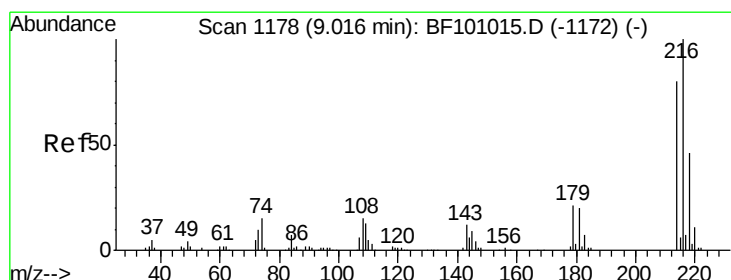
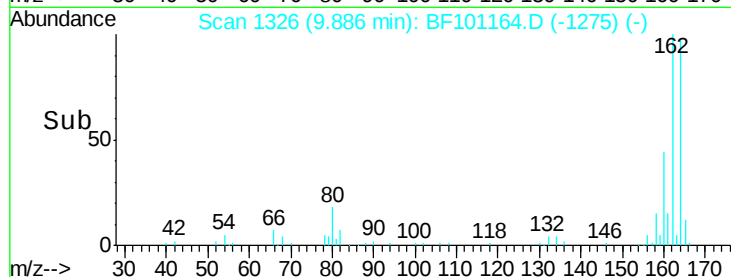
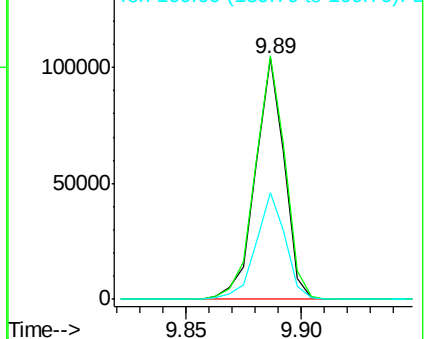
160 44.4 38.3 57.5



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: 33.715 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Tgt Ion:216 Resp: 110819

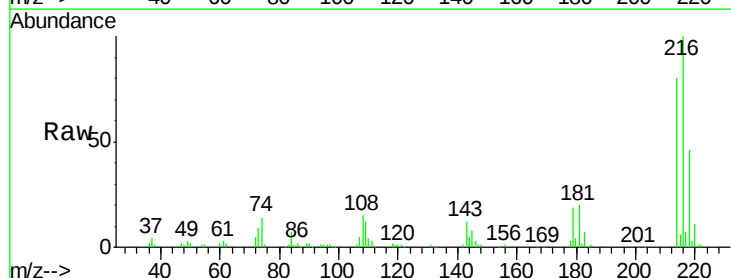
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.8 18.1 27.1

108 16.3 17.2 25.8#

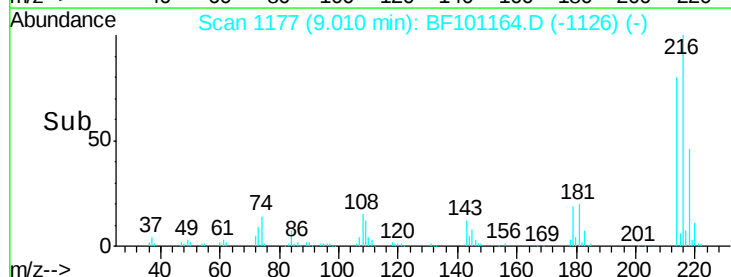
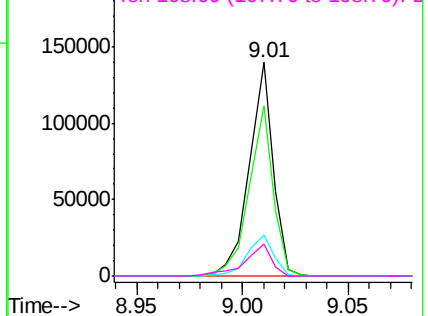


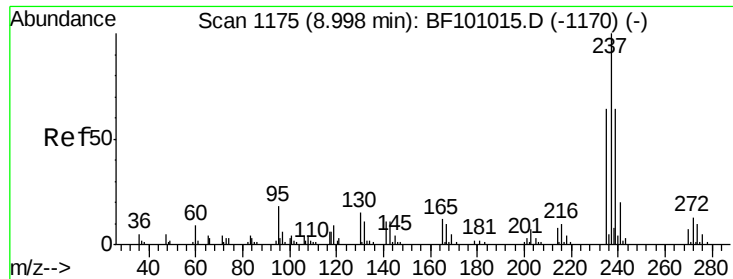
Abundance Ion 216.00 (215.70 to 216.70): E

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

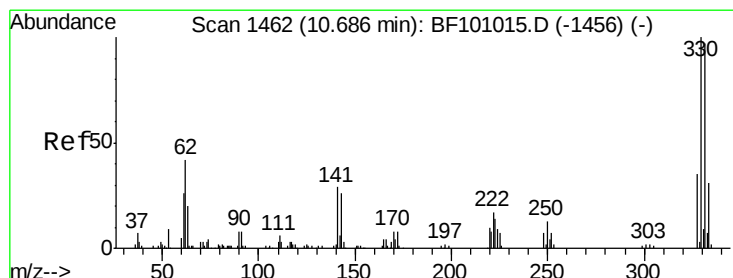
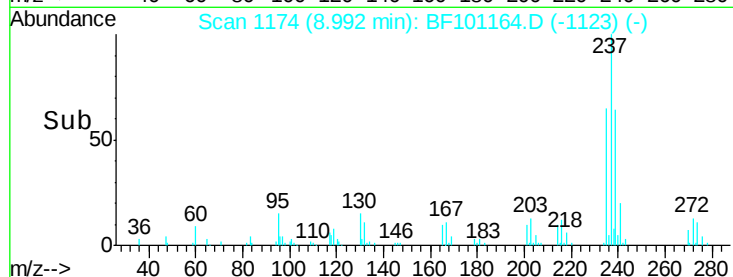
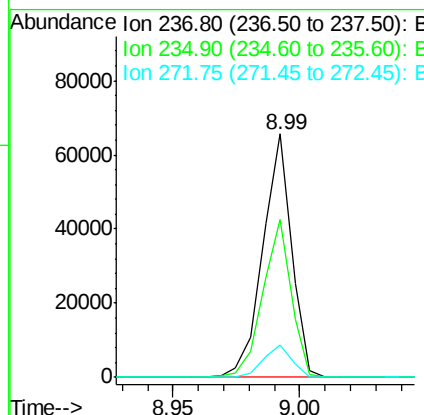
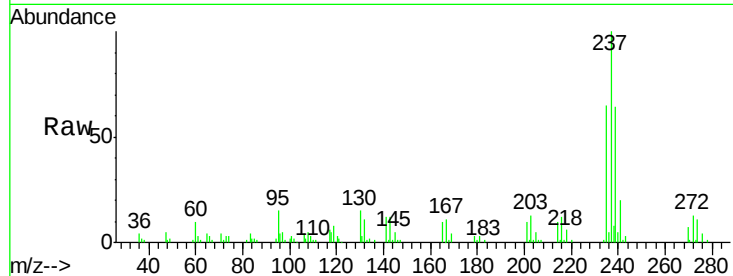




#40
Hexachlorocyclopentadiene
Concen: 47.305 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

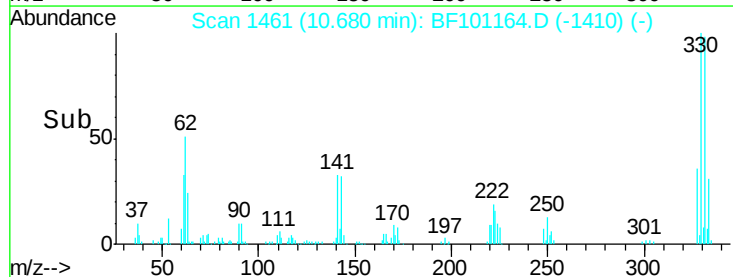
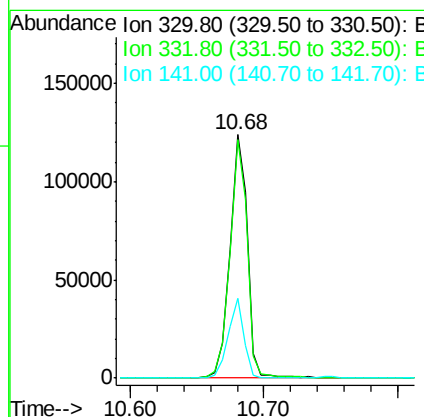
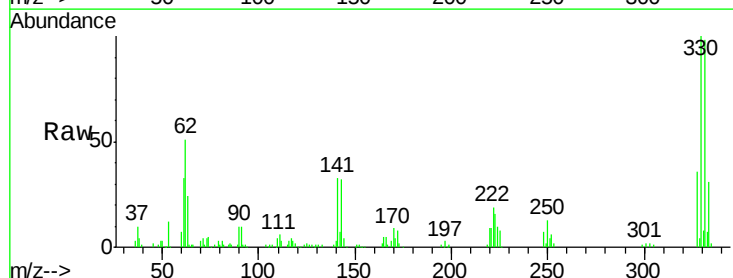
Instrument :
BNA_F
ClientSampleId :
PB104760BS

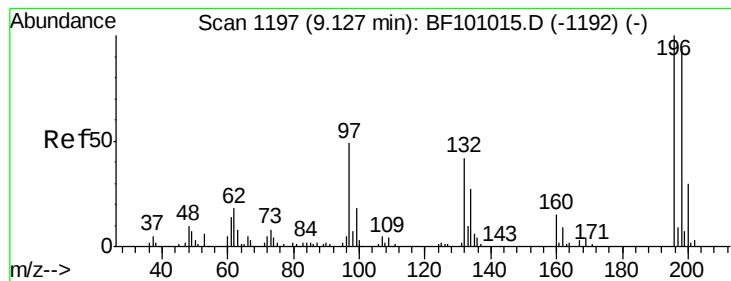
Tot Ion:237 Resp: 52217
Ion Ratio Lower Upper
237 100
235 65.0 44.8 84.8
272 13.4 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 105.656 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:330 Resp: 114840
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 29.9 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 39.481 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

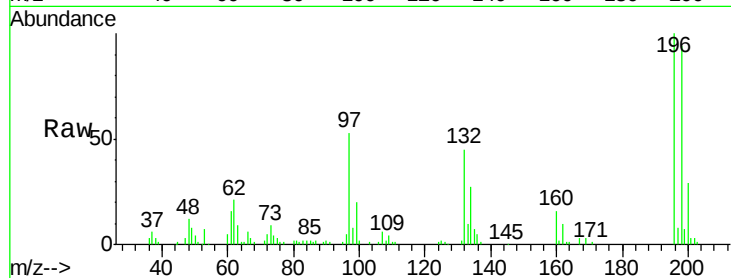
Tot Ion:196 Resp: 76073

Ion Ratio Lower Upper

196 100

198 94.3 75.7 113.5

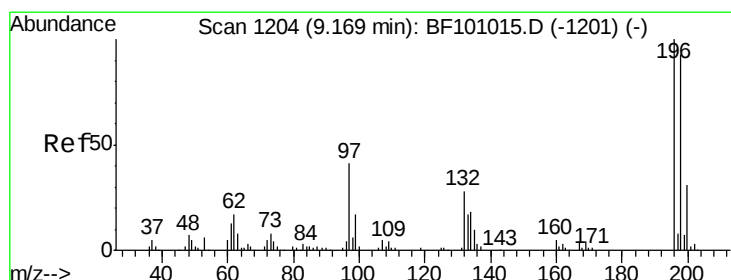
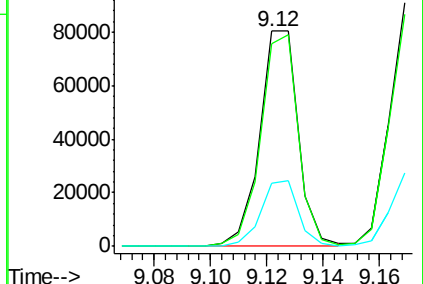
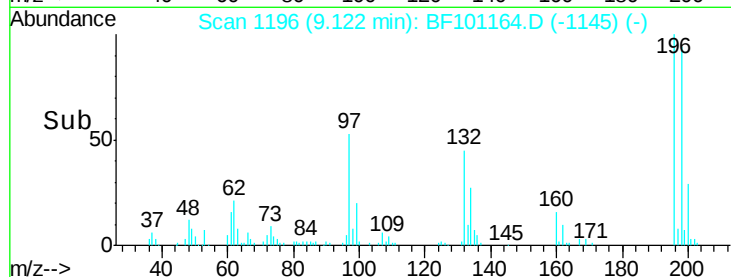
200 29.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 39.406 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Tgt Ion:196 Resp: 81174

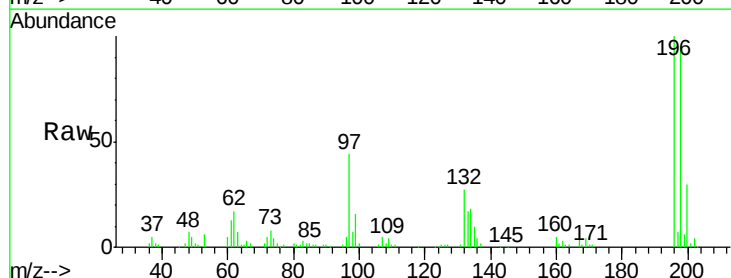
Ion Ratio Lower Upper

196 100

198 95.3 74.6 112.0

97 43.8 42.9 64.3

132 26.7 26.3 39.5

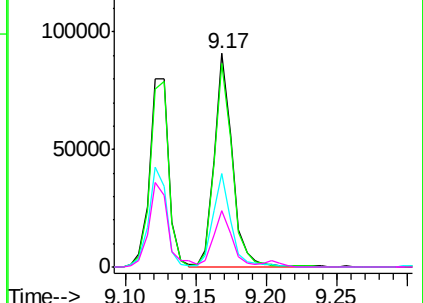
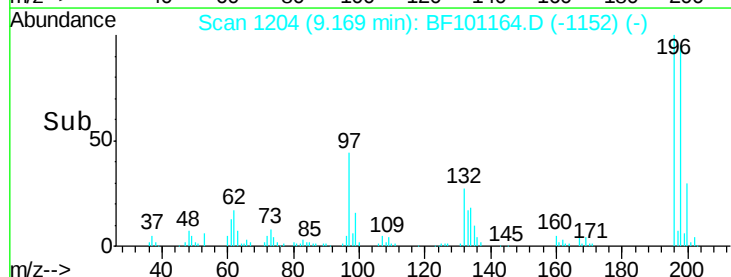


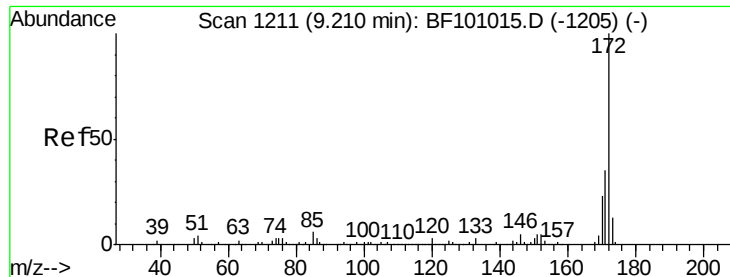
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 79.679 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

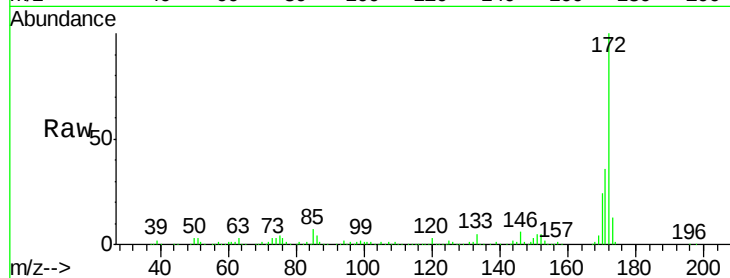
Tot Ion:172 Resp: 526920

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

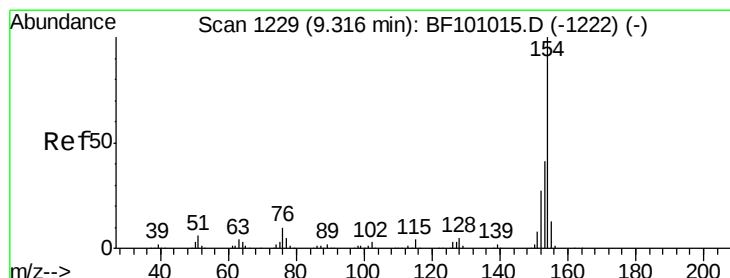
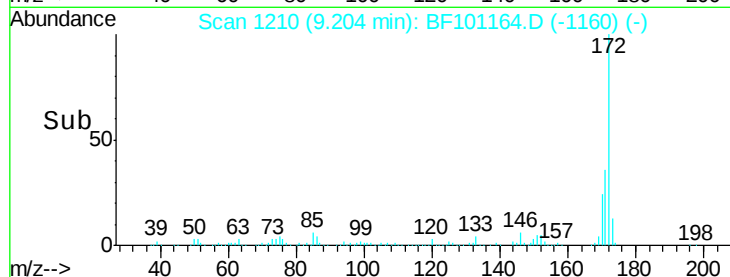
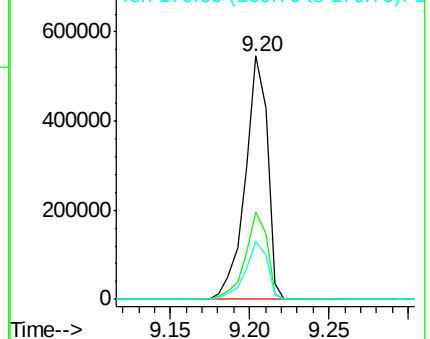
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 34.148 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

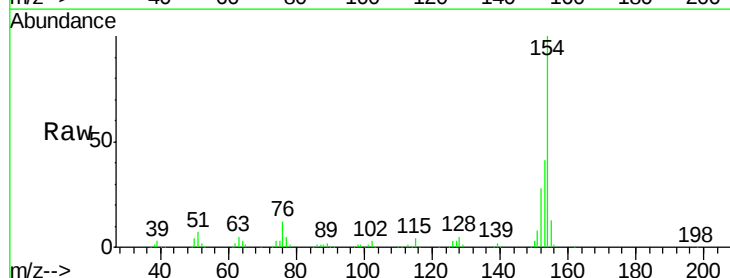
Tgt Ion:154 Resp: 283080

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

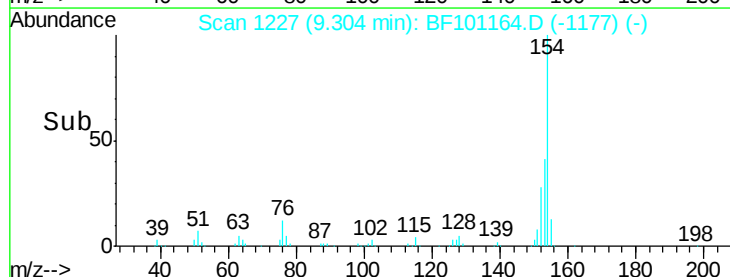
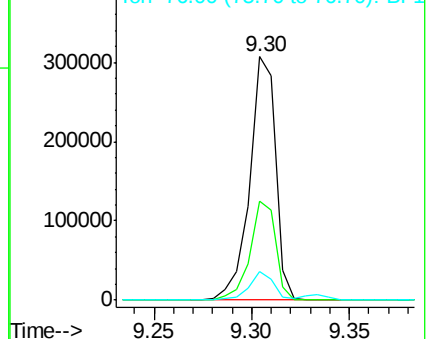
76 12.0 0.0 34.0

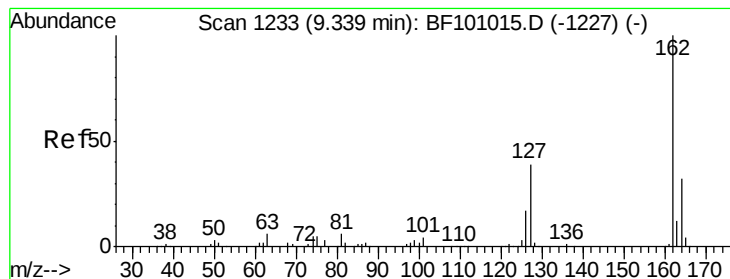


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46

2-Chloronaphthalene

Concen: 38.653 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

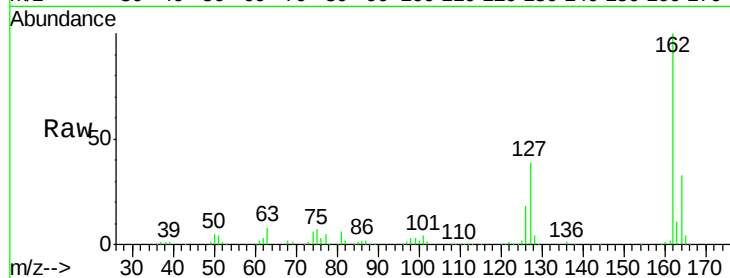
Tot Ion:162 Resp: 227557

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

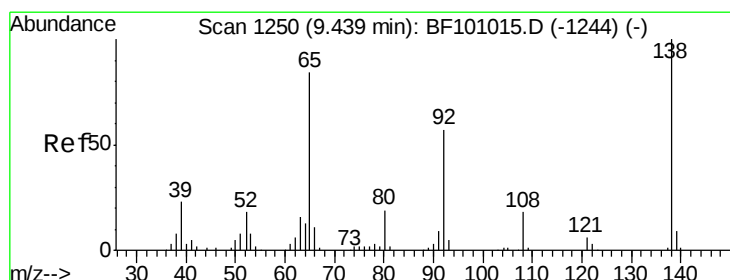
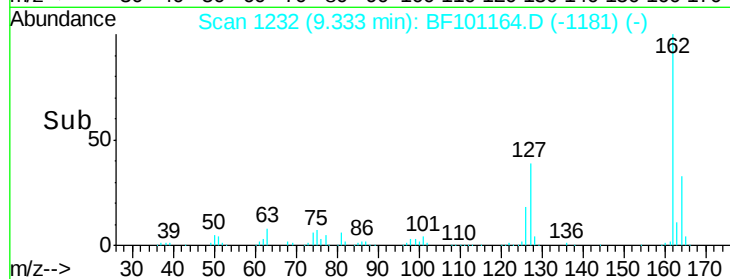
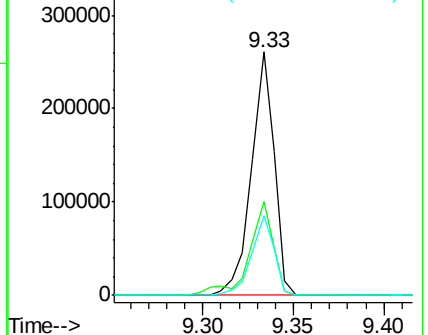
164 32.5 26.5 39.7



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: 36.526 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

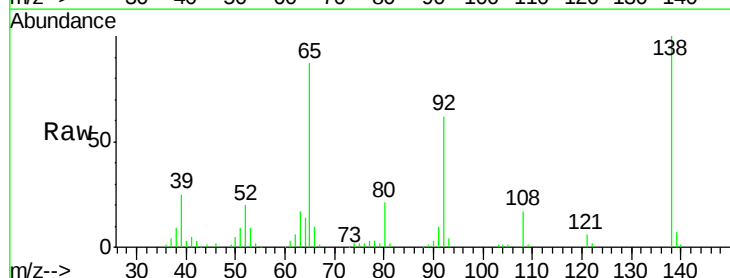
Tgt Ion: 65 Resp: 63622

Ion Ratio Lower Upper

65 100

92 71.0 55.8 83.6

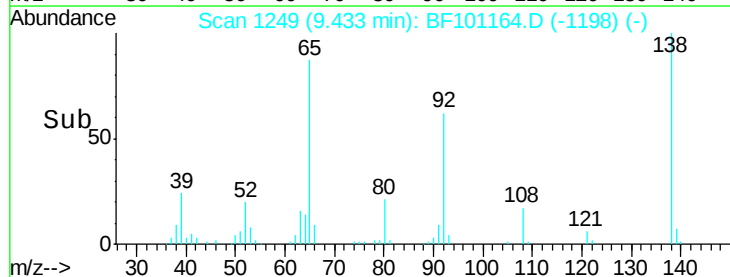
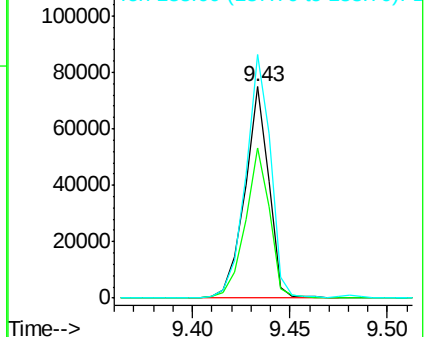
138 115.3 91.2 136.8

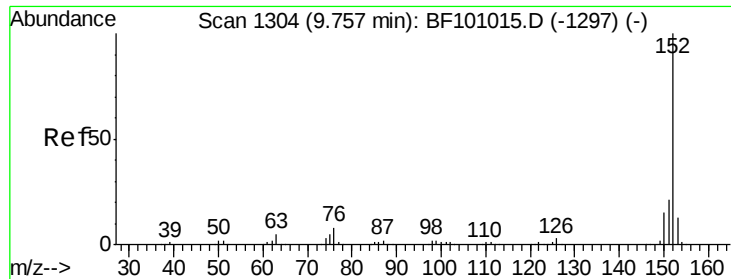


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.277 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

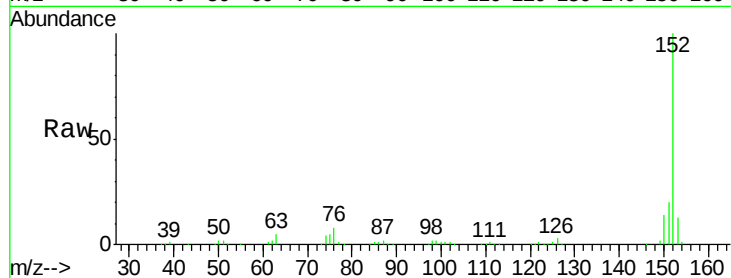
Tot Ion:152 Resp: 350987

Ion Ratio Lower Upper

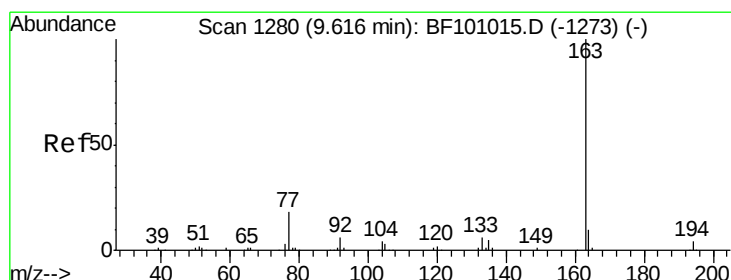
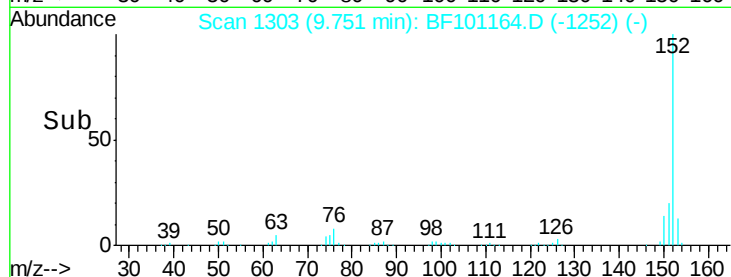
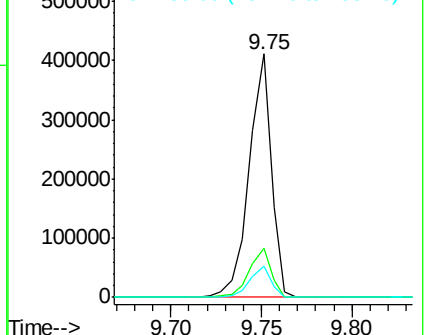
152 100

151 20.0 16.3 24.5

153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 35.805 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

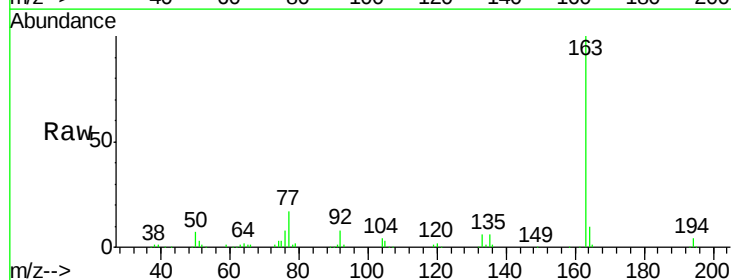
Tgt Ion:163 Resp: 261268

Ion Ratio Lower Upper

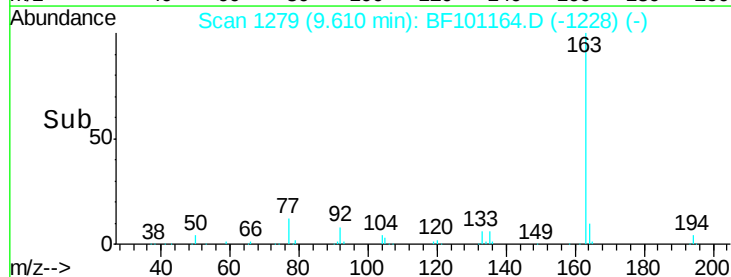
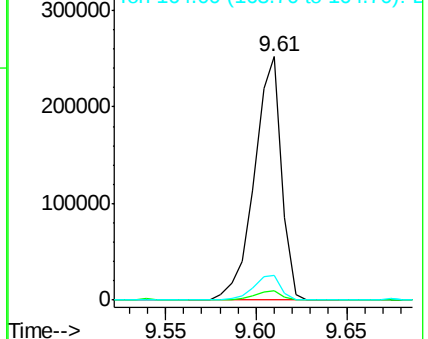
163 100

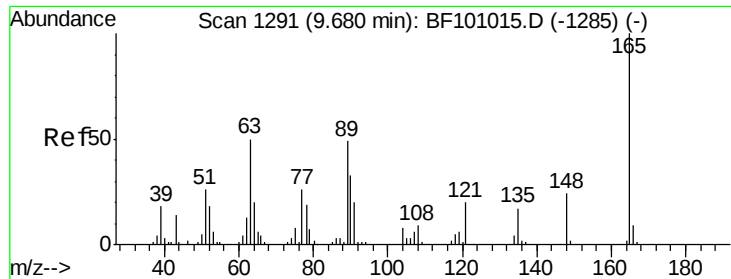
194 3.8 2.7 4.1

164 10.1 8.2 12.2



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

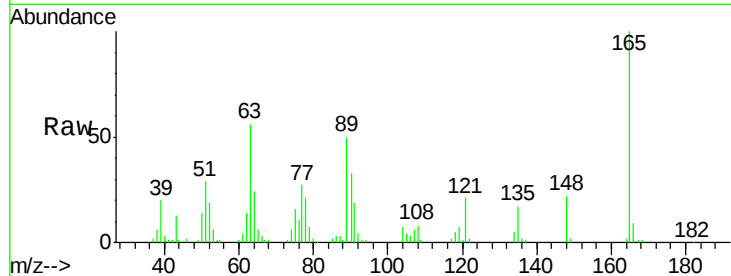




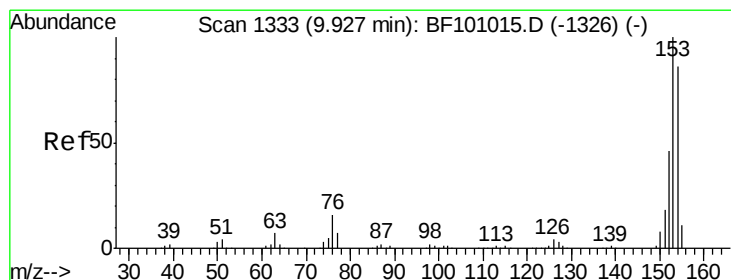
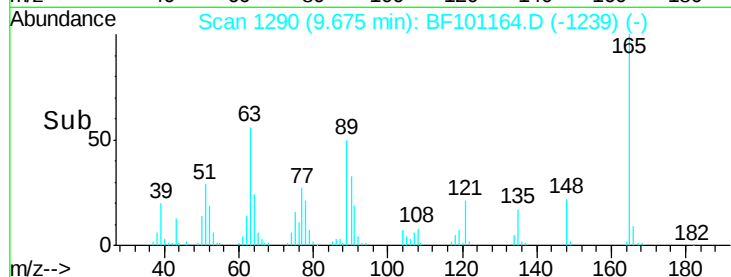
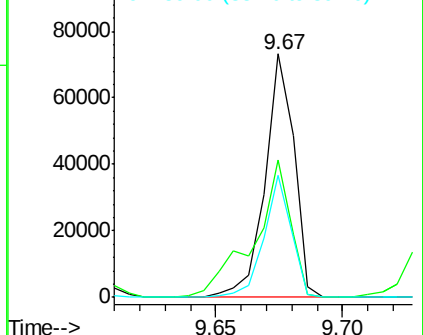
#50
2,6-Dinitrotoluene
Concen: 38.303 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:165 Resp: 58869
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 50.1 44.0 66.0

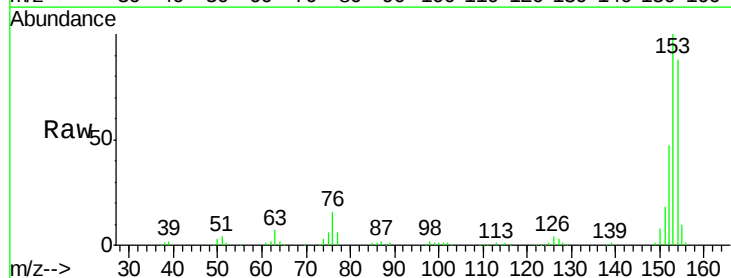


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

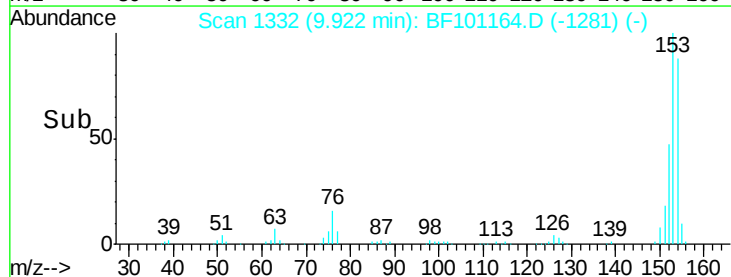
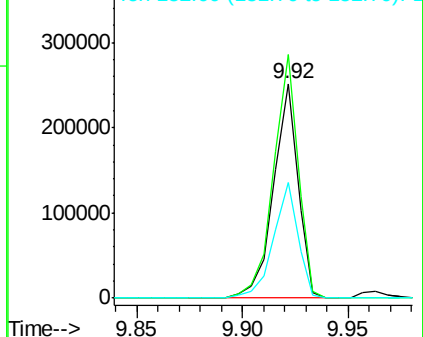


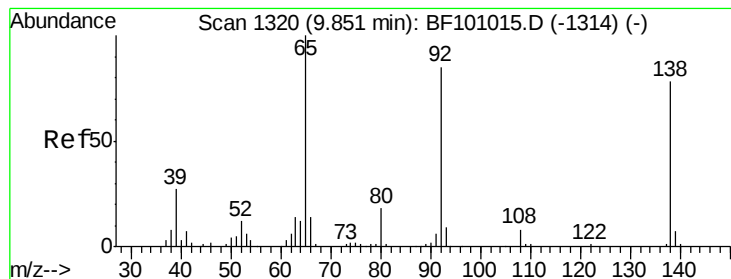
#51
Acenaphthene
Concen: 35.146 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:154 Resp: 203616
Ion Ratio Lower Upper
154 100
153 113.5 91.2 136.8
152 53.6 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: 23.209 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

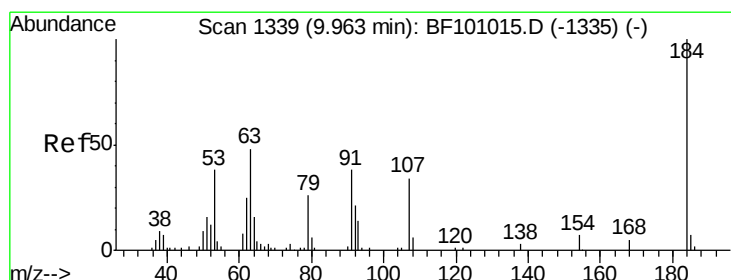
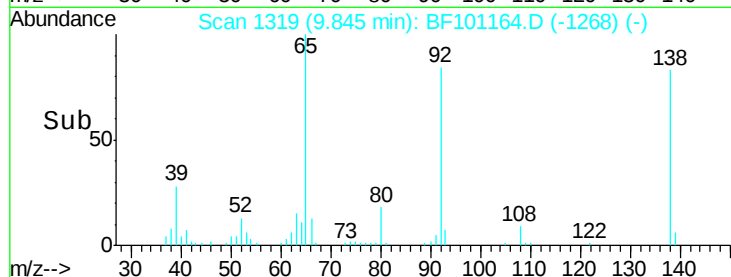
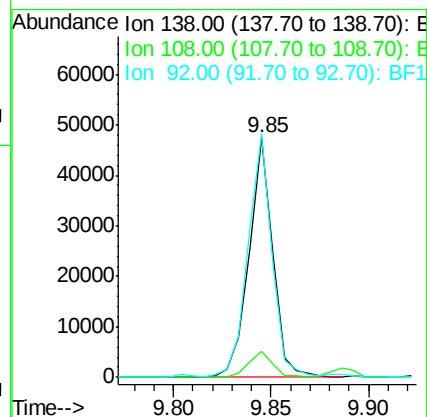
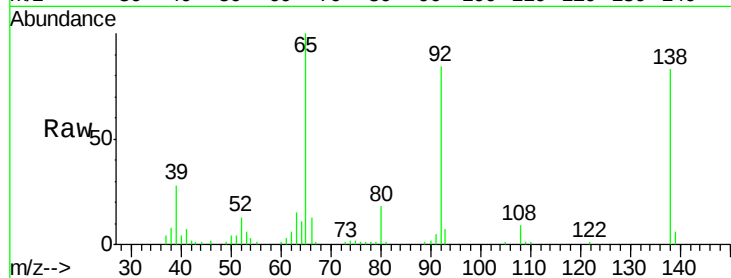
Tot Ion:138 Resp: 40113

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

92 101.6 89.4 134.2



#53

2,4-Dinitrophenol

Concen: 21.355 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

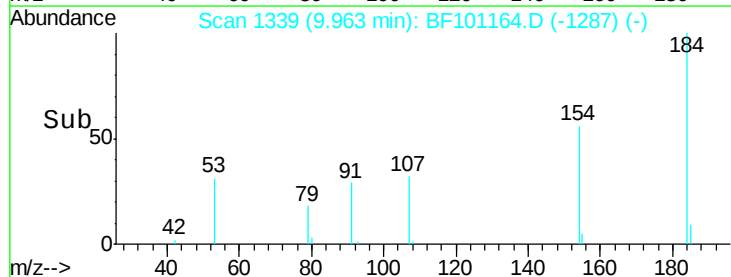
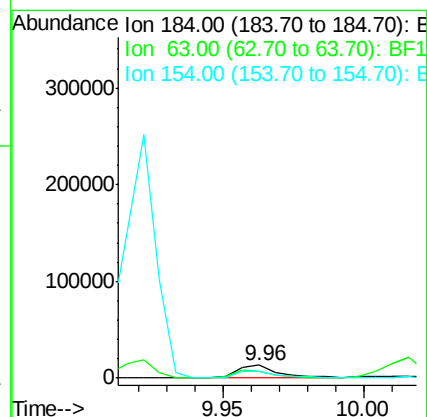
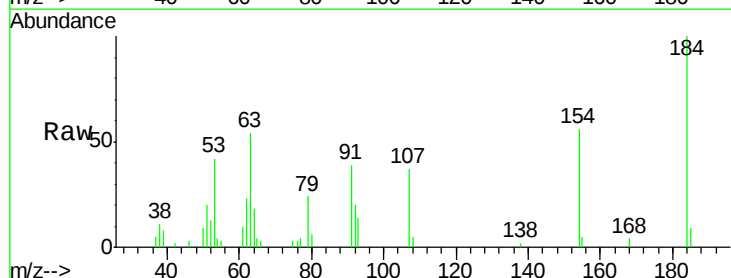
Tgt Ion:184 Resp: 13901

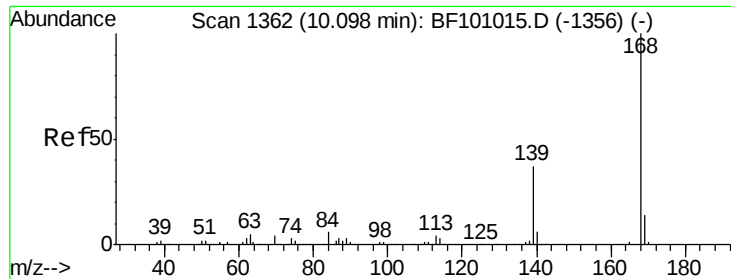
Ion Ratio Lower Upper

184 100

63 53.8 54.2 81.2#

154 55.8 184.0 276.0#

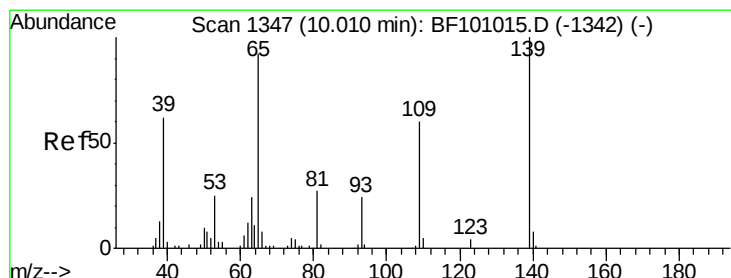
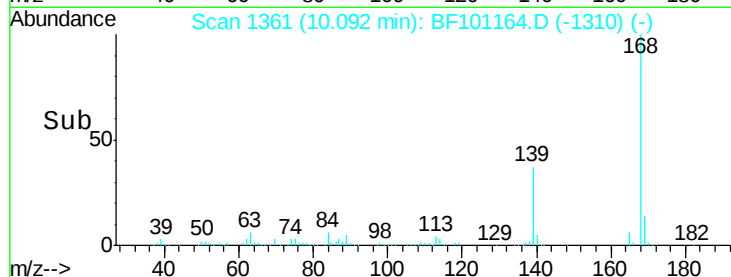
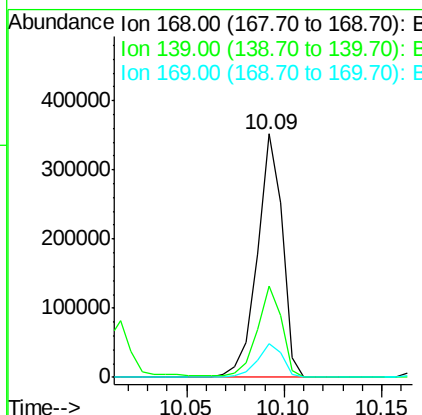
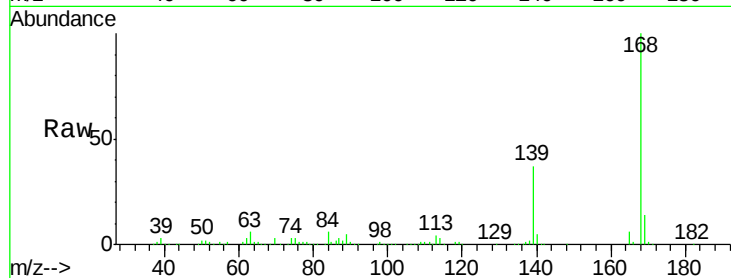




#54
Dibenzofuran
Concen: 37.356 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

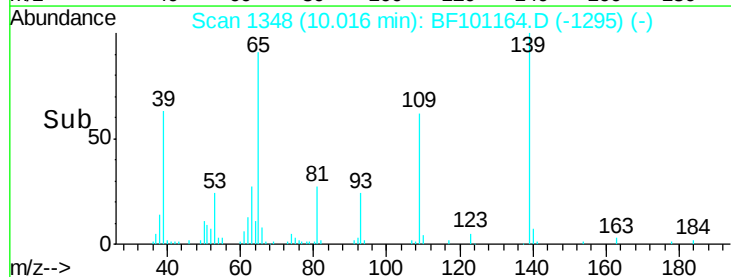
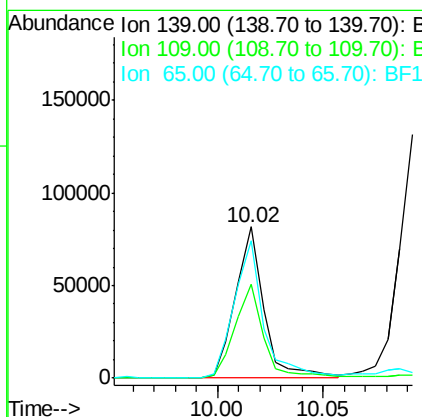
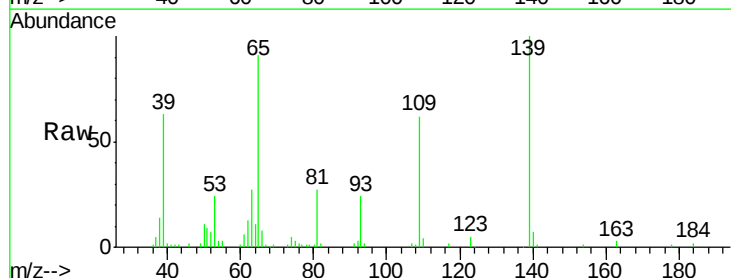
Instrument :
BNA_F
ClientSampleId :
PB104760BS

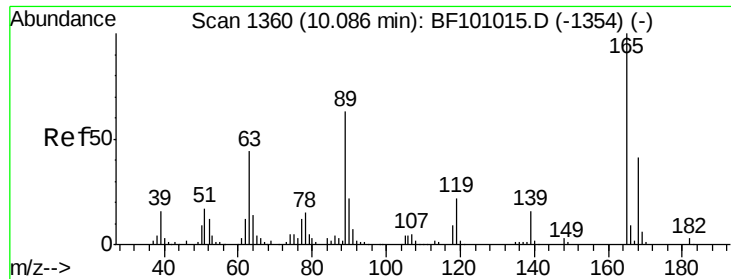
Tot Ion:168 Resp: 311871
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 14.0 10.9 16.3



#55
4-Nitrophenol
Concen: 65.898 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:139 Resp: 76811
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 91.3 72.6 112.6





#56

2,4-Dinitrotoluene

Concen: 36.880 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

Tot Ion:165 Resp: 75963

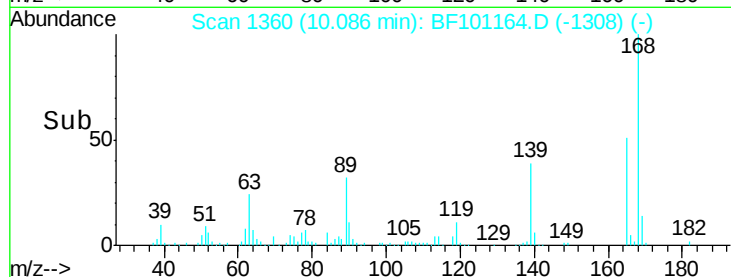
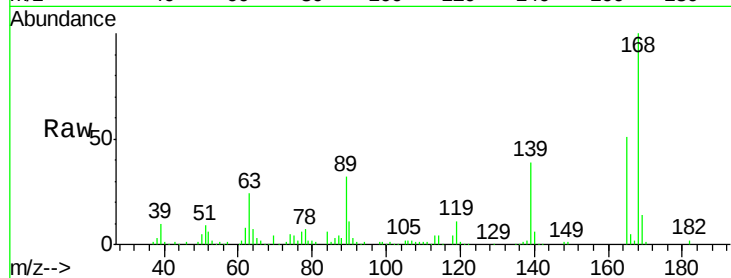
Ion Ratio Lower Upper

165 100

63 47.3 36.4 54.6

89 63.1 57.8 86.6

182 3.0 1.6 2.4#

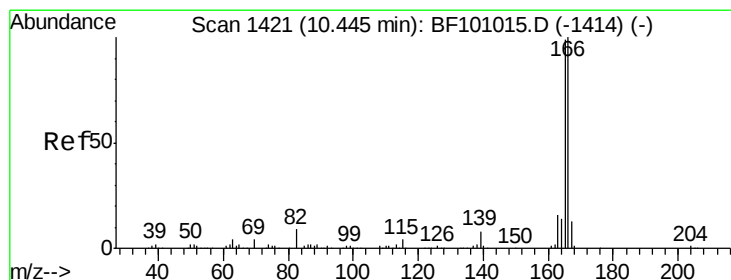
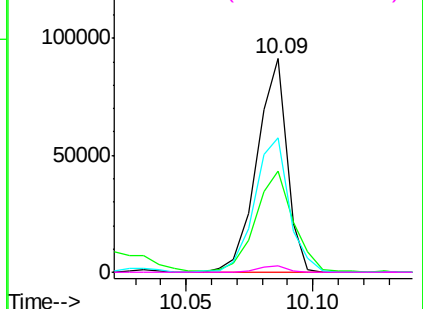


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.920 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

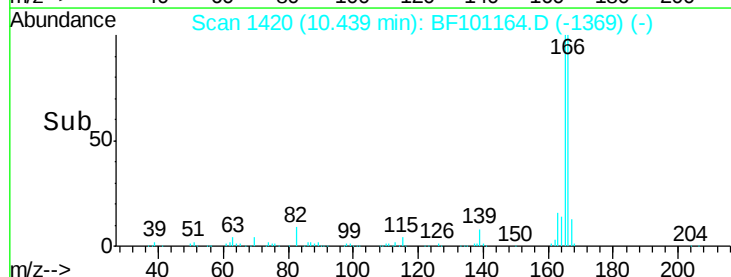
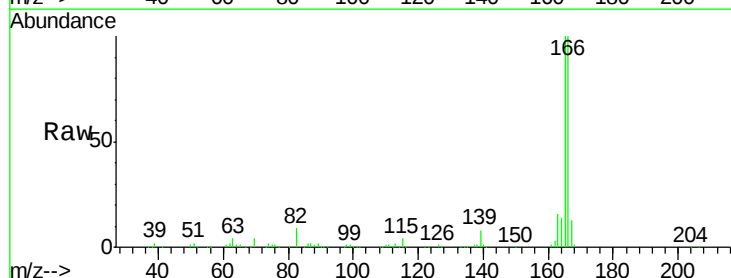
Tgt Ion:166 Resp: 250571

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

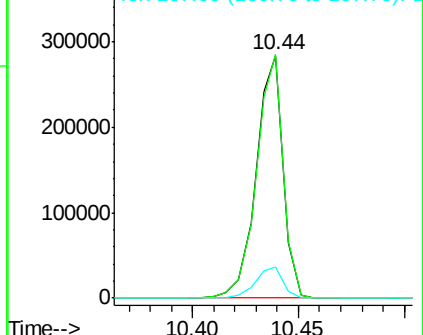
167 13.1 10.6 16.0

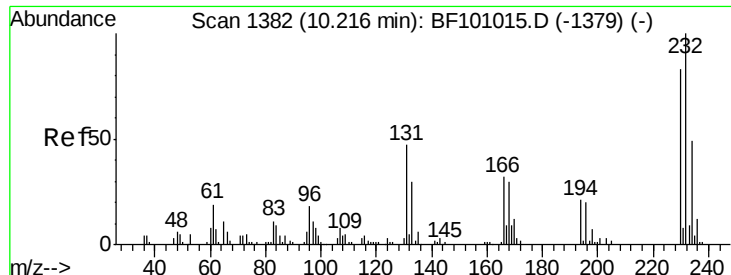


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

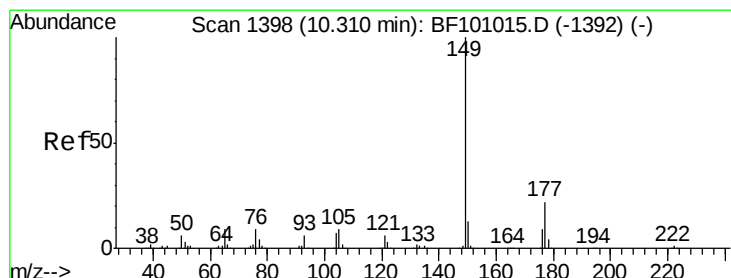
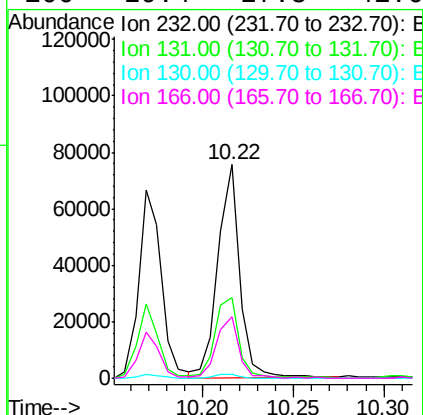
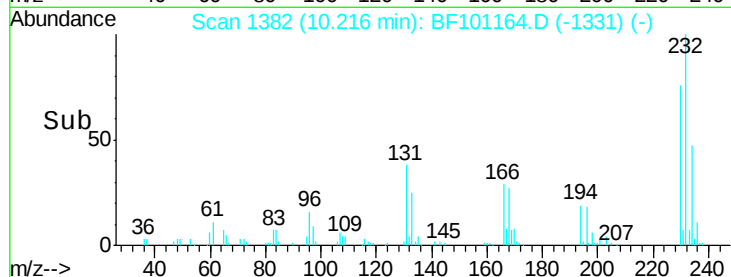
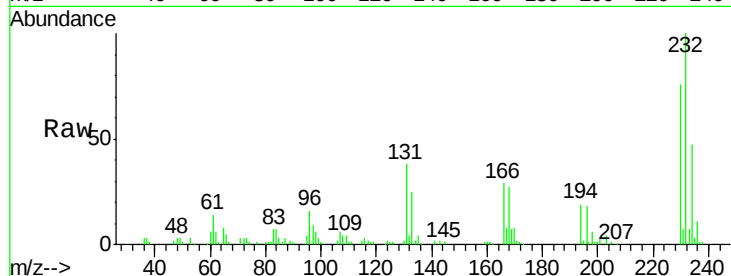




#58
2,3,4,6-Tetrachlorophenol
Concen: 38.328 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

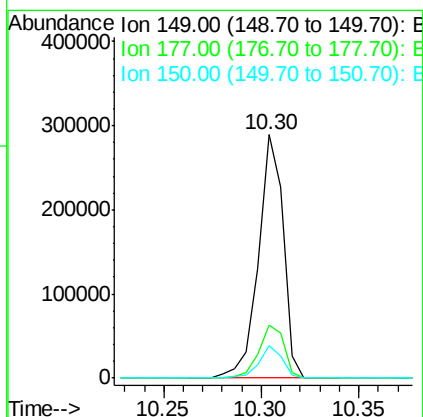
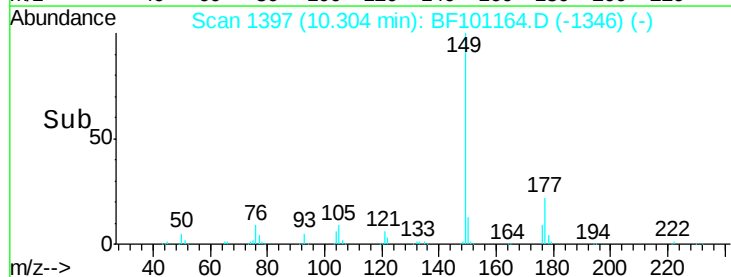
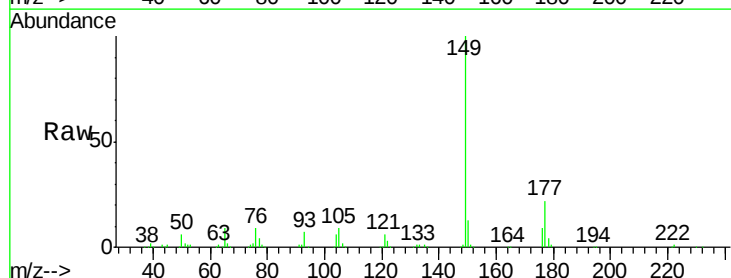
Instrument :
BNA_F
ClientSampleId :
PB104760BS

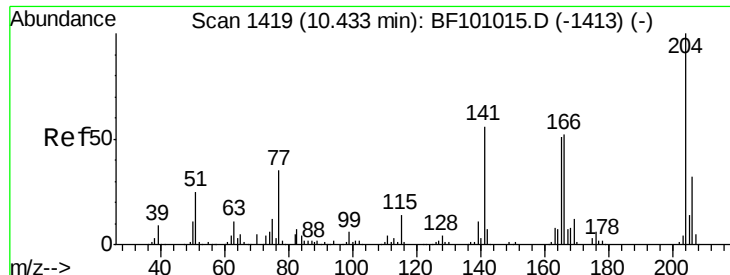
Tot Ion:232 Resp: 63217
Ion Ratio Lower Upper
232 100
131 42.3 43.8 65.8#
130 2.0 2.1 3.1#
166 29.4 27.8 41.6



#59
Diethylphthalate
Concen: 35.379 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:149 Resp: 254634
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 13.3 10.1 15.1

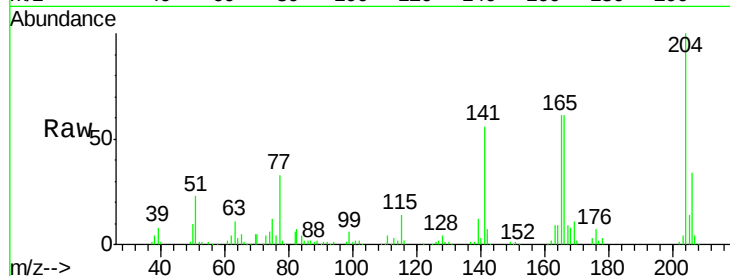




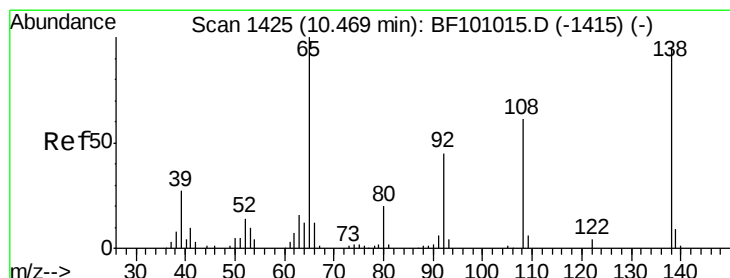
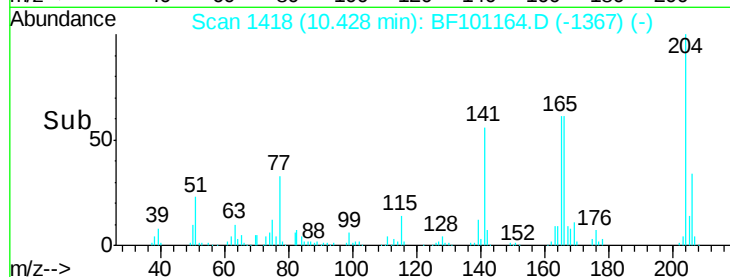
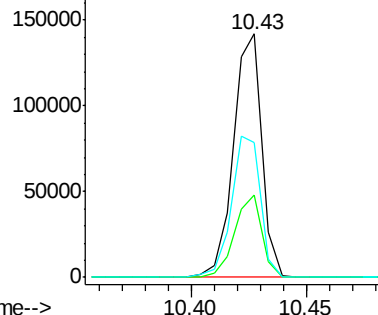
#60
4-Chlorophenyl-phenylether
Concen: 36.281 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:204 Resp: 121574
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 55.5 54.6 81.8

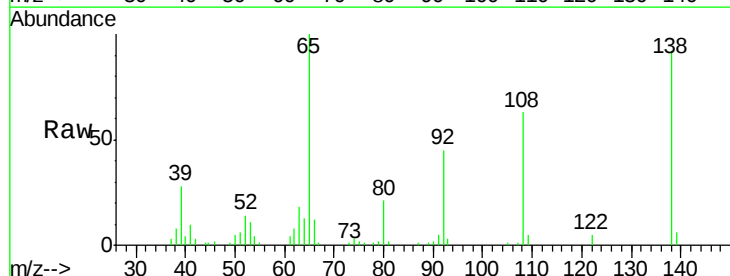


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

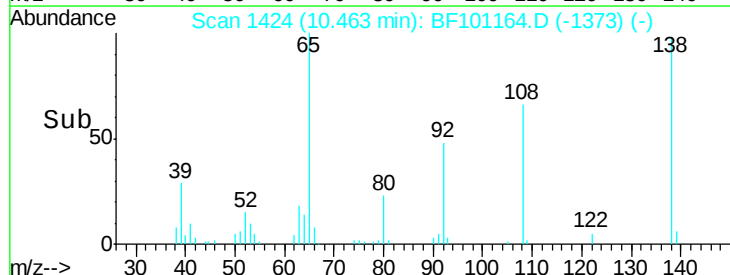
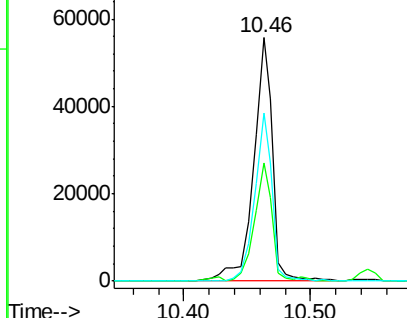


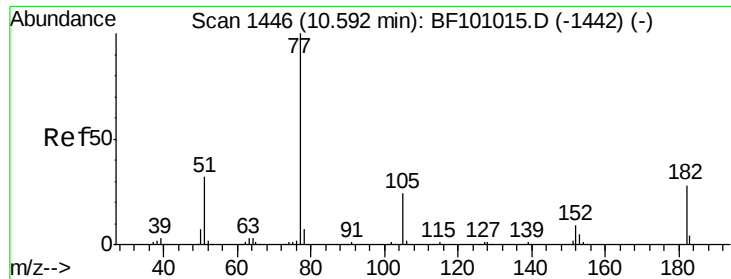
#61
4-Nitroaniline
Concen: 32.631 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:138 Resp: 58545
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 69.0 52.5 92.5



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





#62

Azobenzene

Concen: 36.526 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

Tot Ion: 77 Resp: 223100

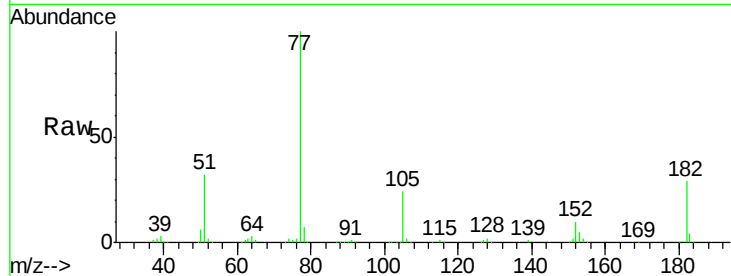
Ion	Ratio	Lower	Upper
77	100		
182	29.2	1.7	41.7
105	24.2	3.0	43.0
51	31.7	9.9	49.9

77 100

182 29.2 1.7 41.7

105 24.2 3.0 43.0

51 31.7 9.9 49.9

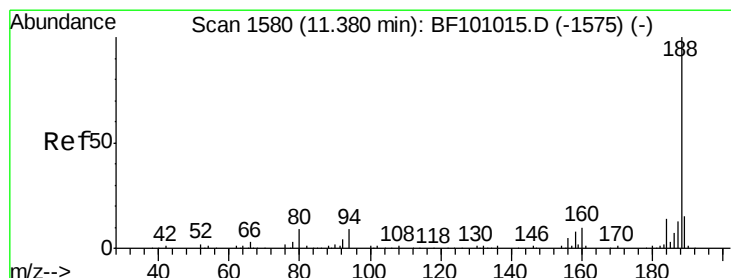
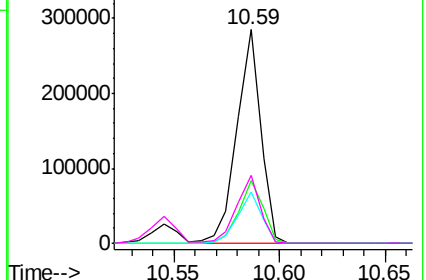
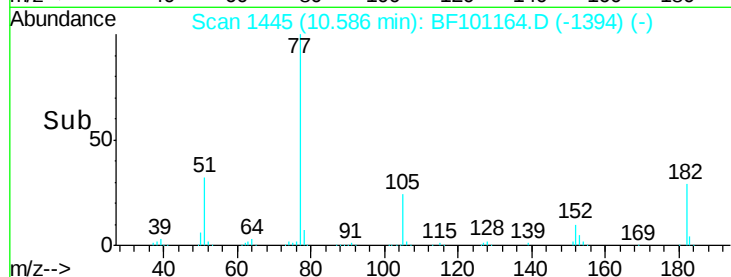


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

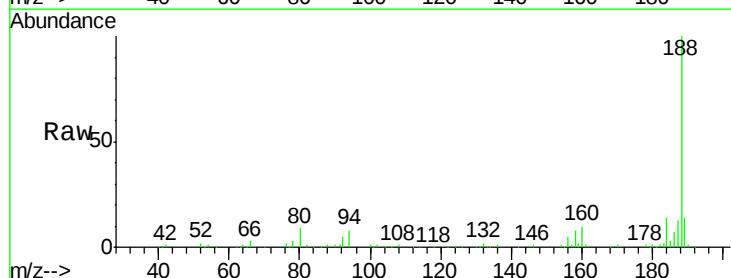
Tgt Ion: 188 Resp: 175197

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.1	9.2	13.8#

188 100

94 8.1 8.5 12.7#

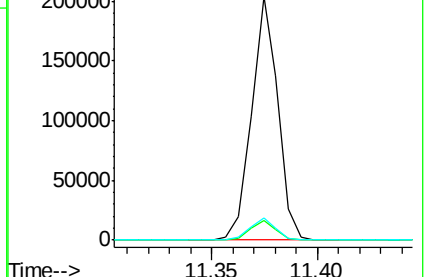
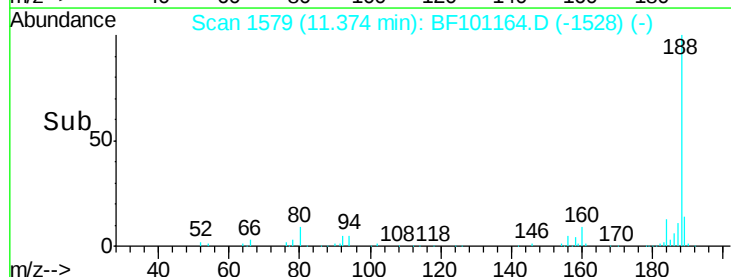
80 9.1 9.2 13.8#

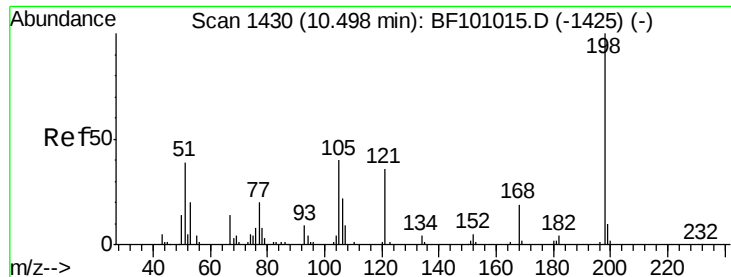


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 17.006 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

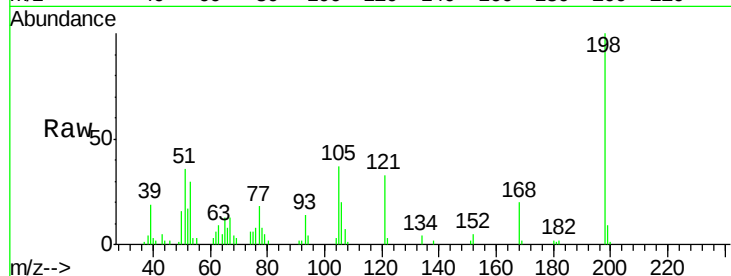
Tot Ion:198 Resp: 19984

Ion Ratio Lower Upper

198 100

51 35.5 37.7 77.7#

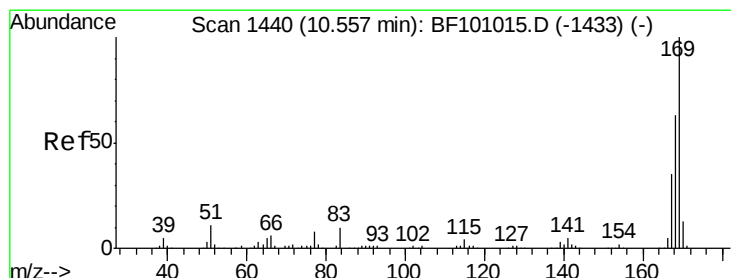
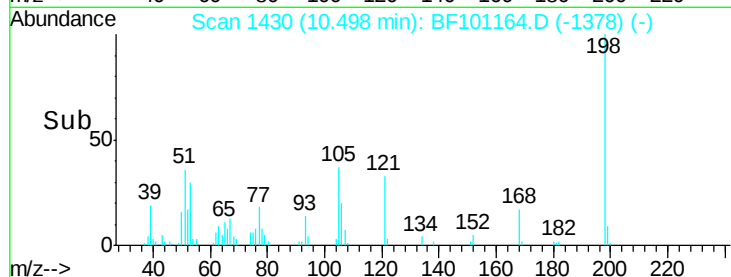
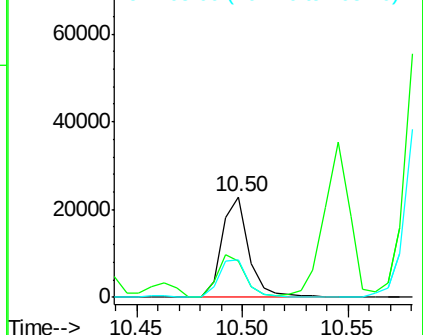
105 36.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.057 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

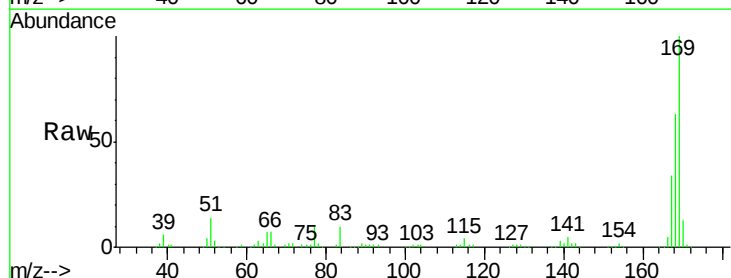
Tgt Ion:169 Resp: 229039

Ion Ratio Lower Upper

169 100

168 62.8 54.4 81.6

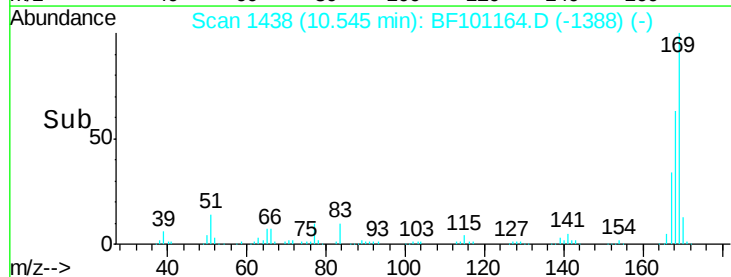
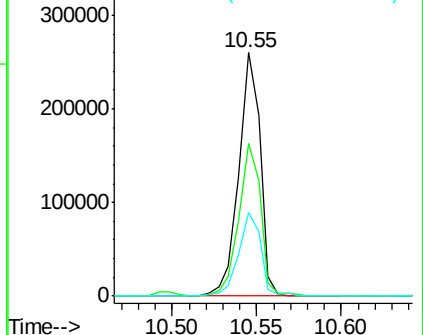
167 34.3 29.8 44.6

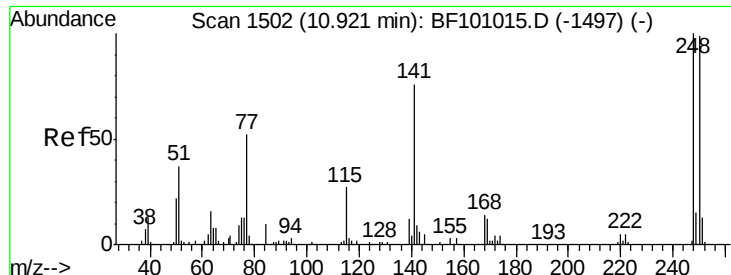


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

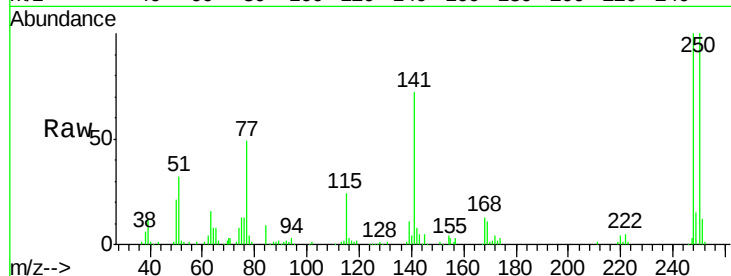




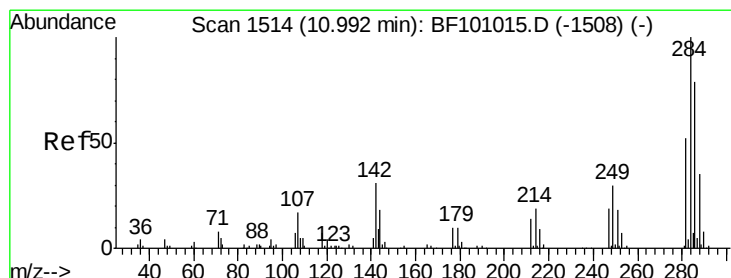
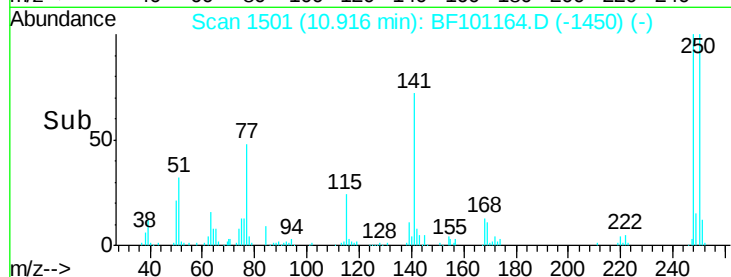
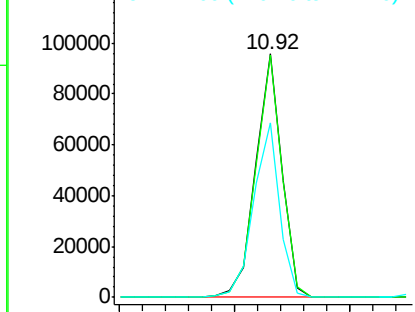
#66
4-Bromophenyl-phenylether
Concen: 38.763 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:248 Resp: 76015
Ion Ratio Lower Upper
248 100
250 99.6 76.9 115.3
141 71.6 74.4 111.6#

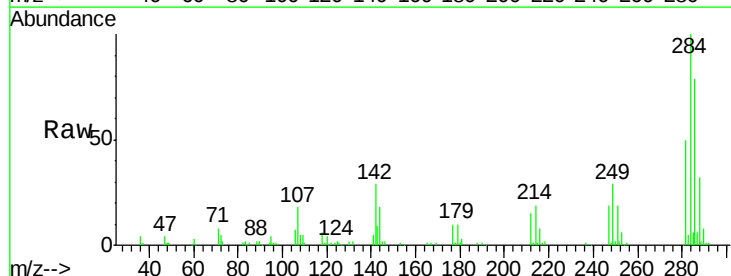


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

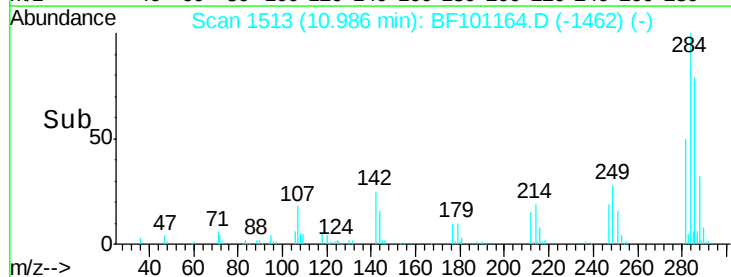
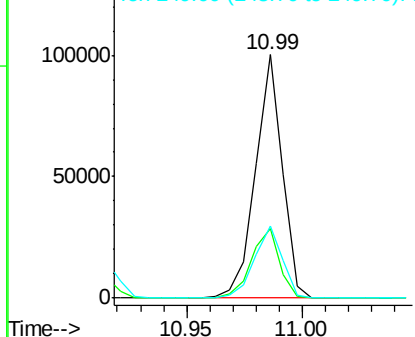


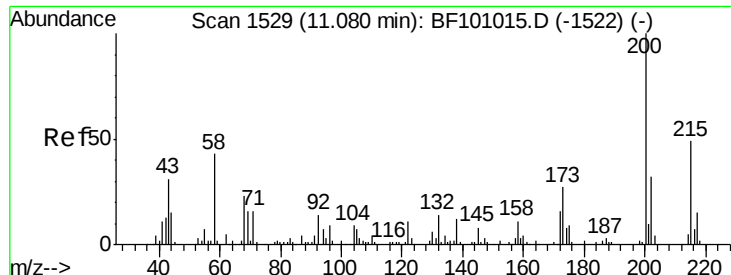
#67
Hexachlorobenzene
Concen: 38.668 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:284 Resp: 81269
Ion Ratio Lower Upper
284 100
142 28.6 34.6 52.0#
249 29.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

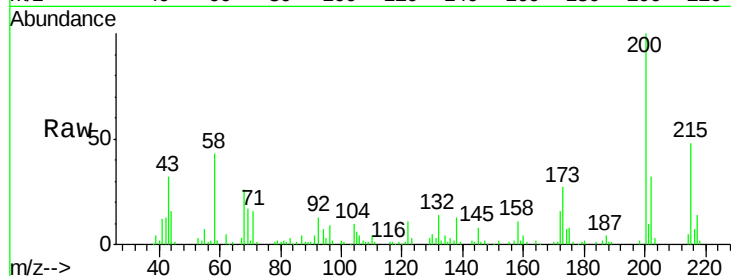




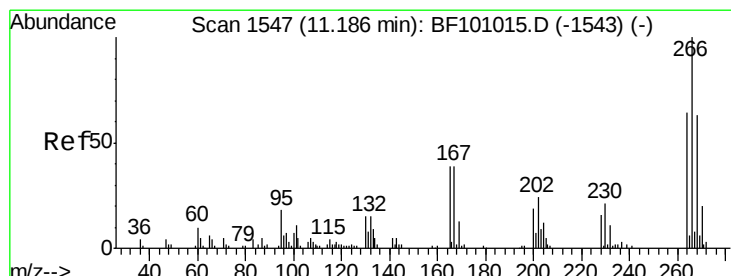
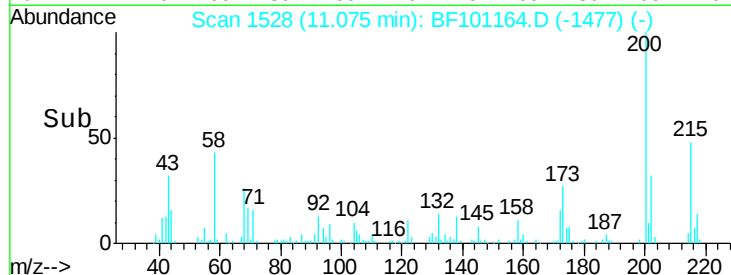
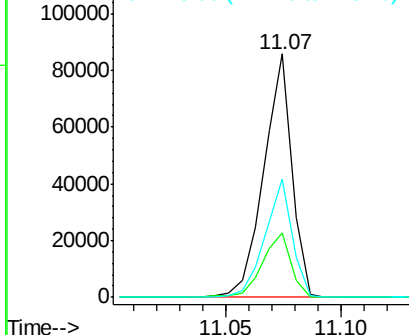
#68
Atrazine
Concen: 38.426 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Instrument :
BNA_F
ClientSampleId :
PB104760BS

Tot Ion:200 Resp: 72853
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 48.4 25.1 65.1

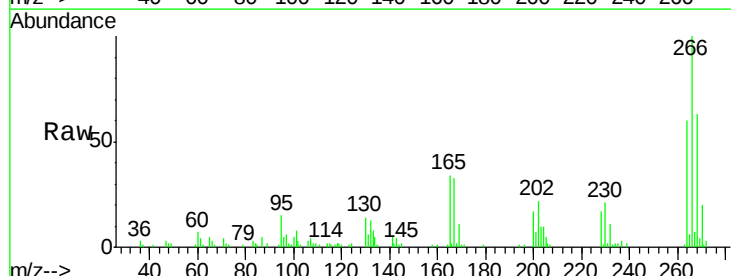


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

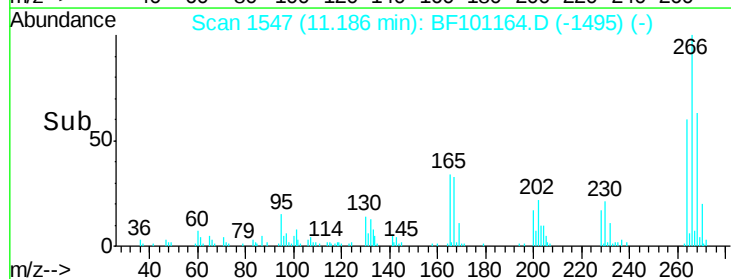
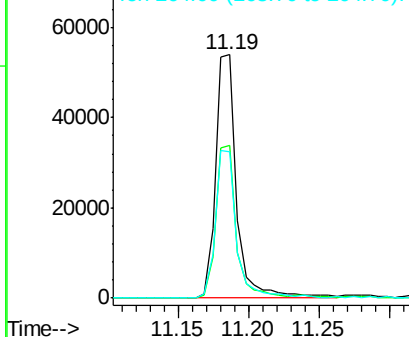


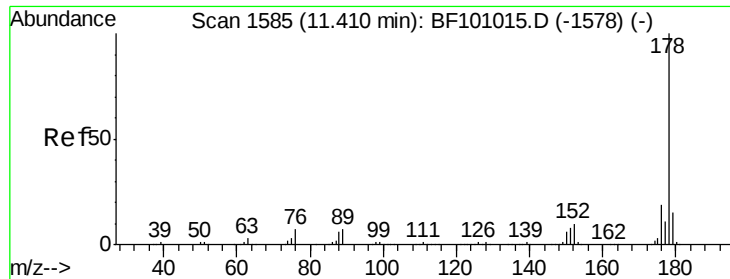
#69
Pentachlorophenol
Concen: 48.074 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:266 Resp: 55555
Ion Ratio Lower Upper
266 100
268 62.8 51.1 76.7
264 60.3 49.5 74.3



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





#70

Phenanthrene

Concen: 38.753 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

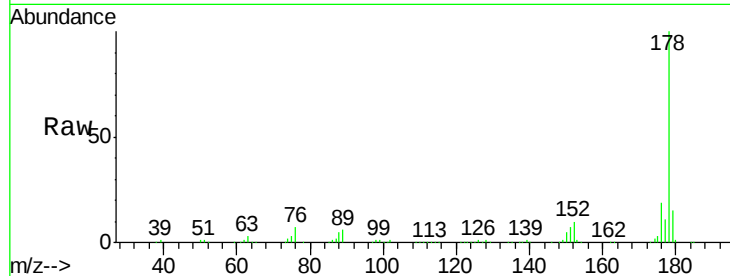
Tot Ion:178 Resp: 373887

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

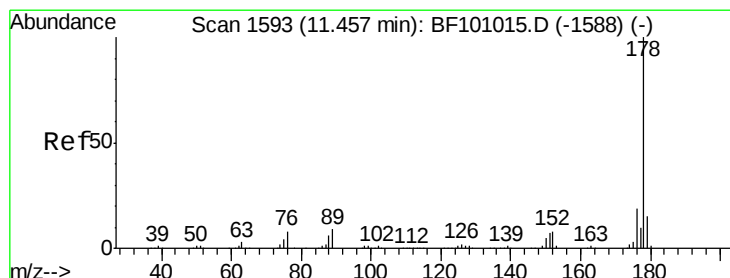
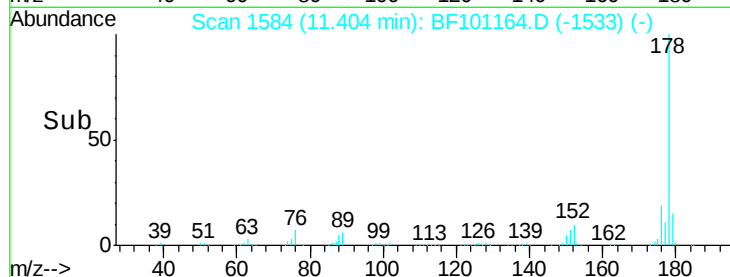
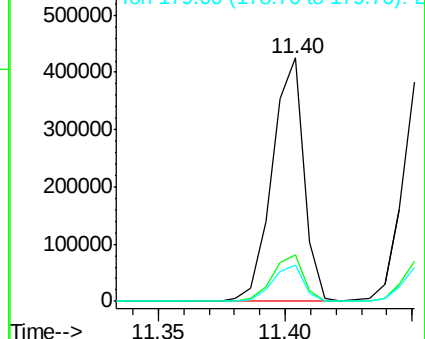
179 14.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 39.578 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

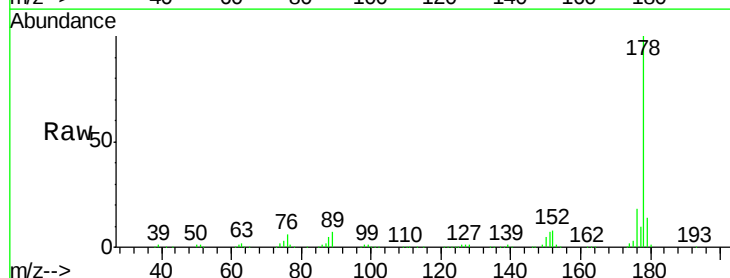
Tgt Ion:178 Resp: 386469

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

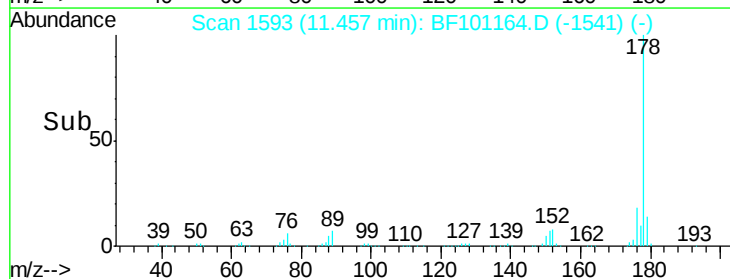
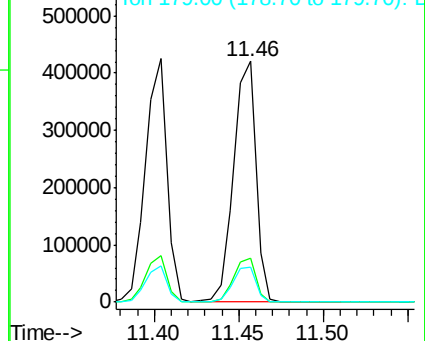
179 14.4 12.6 19.0

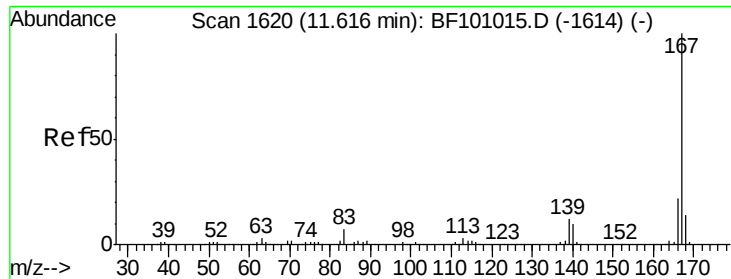


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

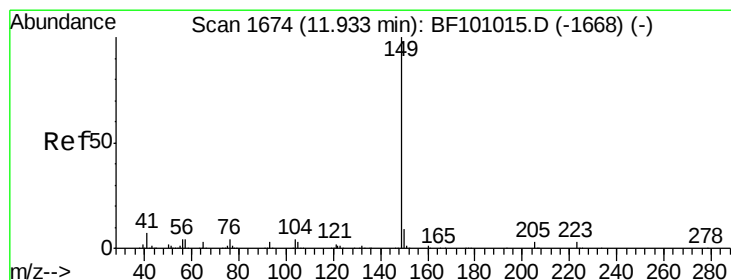
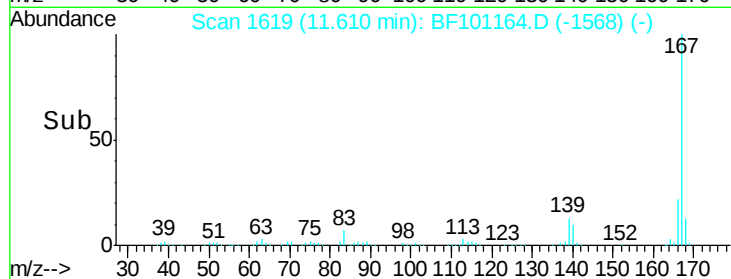
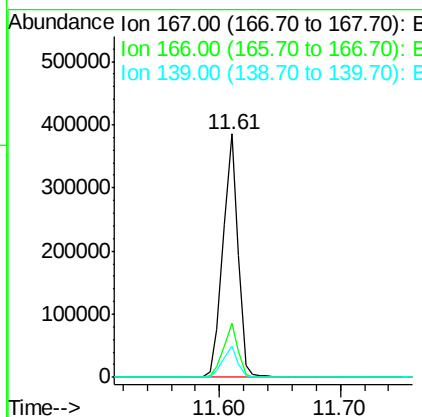
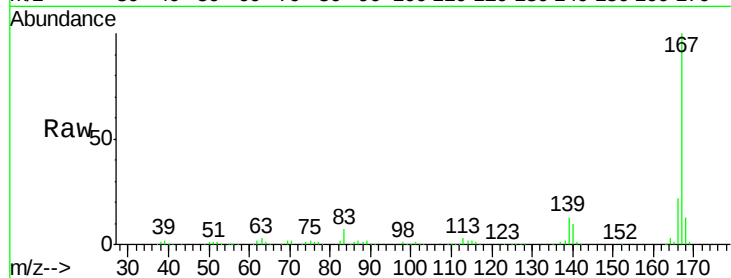




#72
 Carbazole
 Concen: 37.295 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

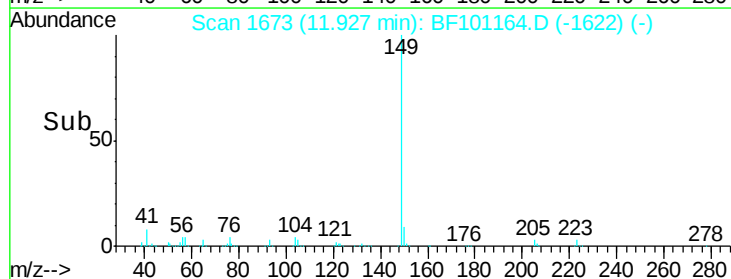
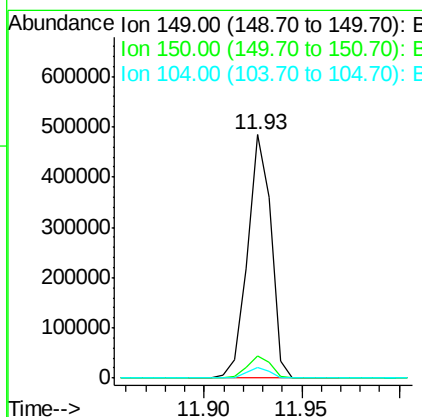
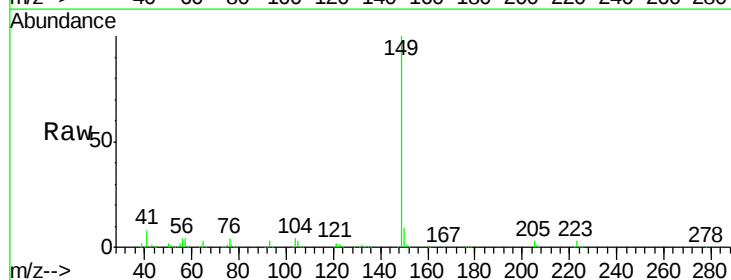
Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

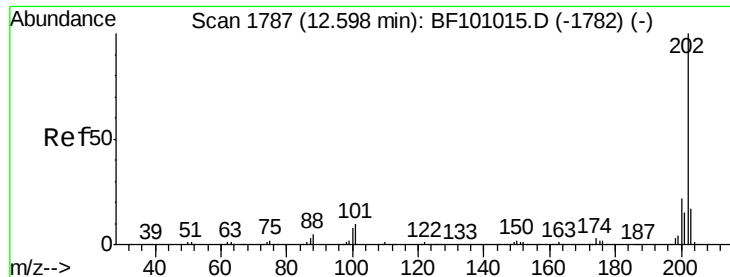
Tot Ion:167 Resp: 332732
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 35.975 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion:149 Resp: 402295
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.3 3.8 5.8

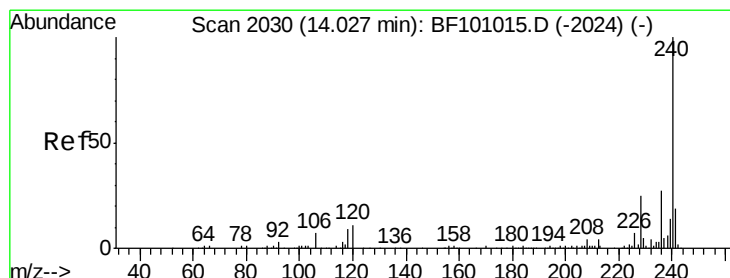
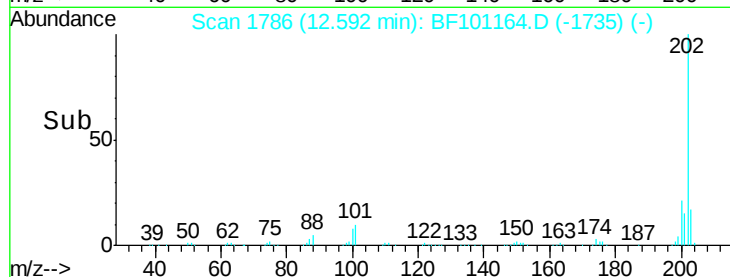
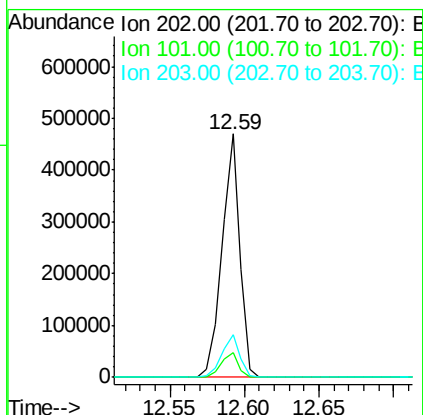
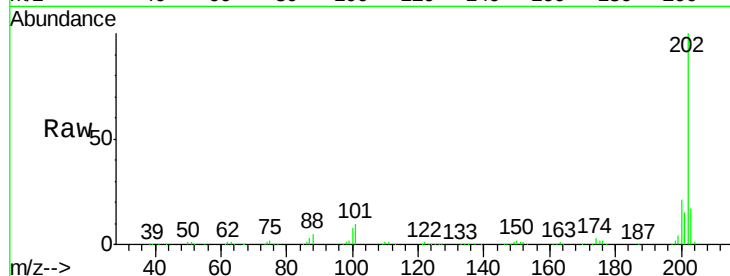




#74
 Fluoranthene
 Concen: 37.073 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

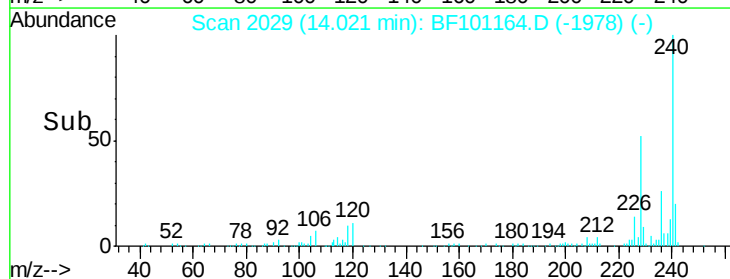
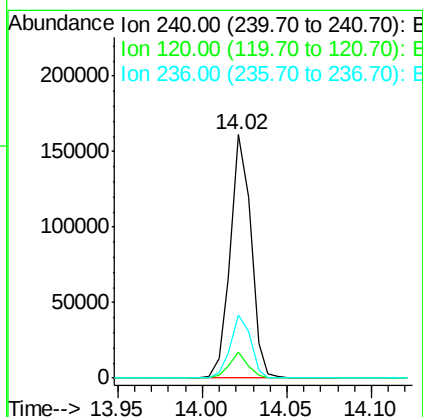
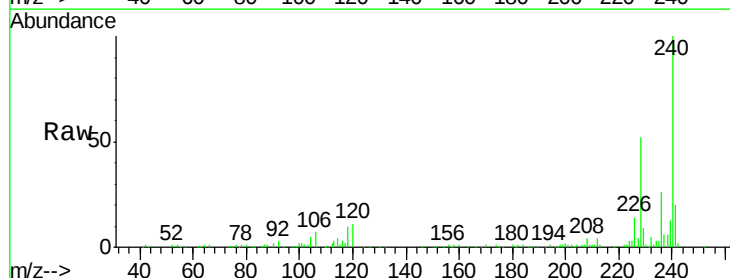
Instrument :
 BNA_F
 ClientSampleId :
 PB104760BS

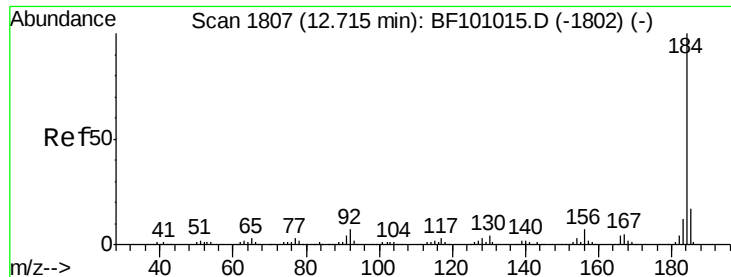
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101164.D
 Acq: 6 Dec 2017 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.0	20.7	31.1





#76

Benzidine

Concen: 27.864 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

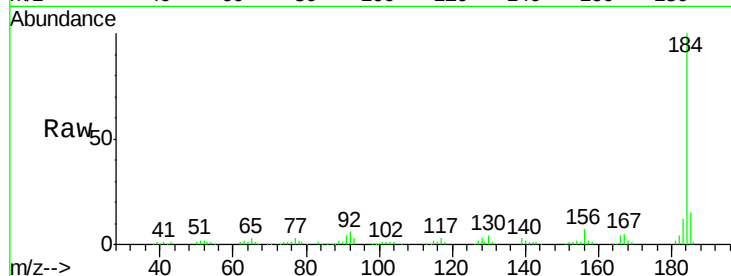
BNA_F

ClientSampleId :

PB104760BS

Tot Ion:184 Resp: 124917

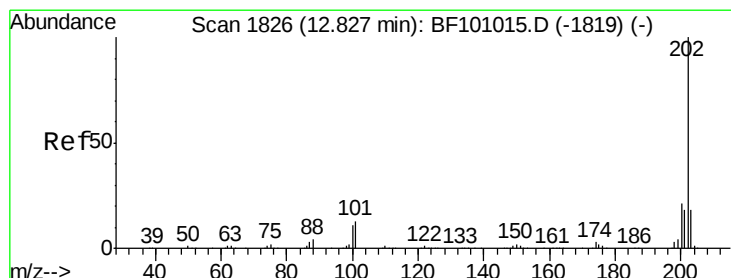
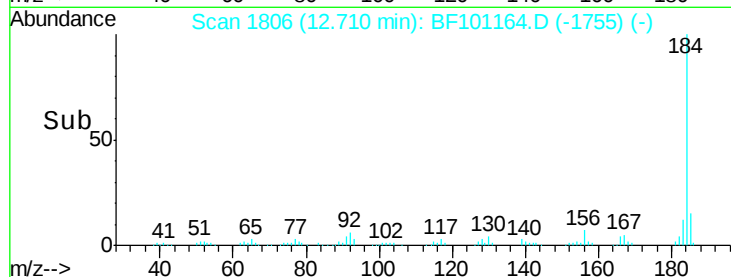
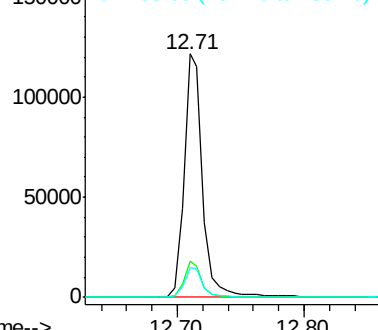
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.4	9.3	13.9



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

Pyrene

Concen: 42.577 ng

RT: 12.82 min Scan# 1825

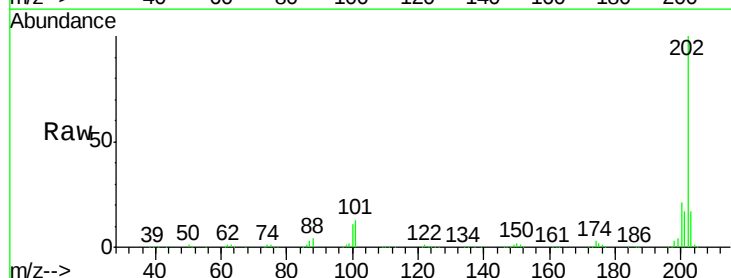
Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Tgt Ion:202 Resp: 405042

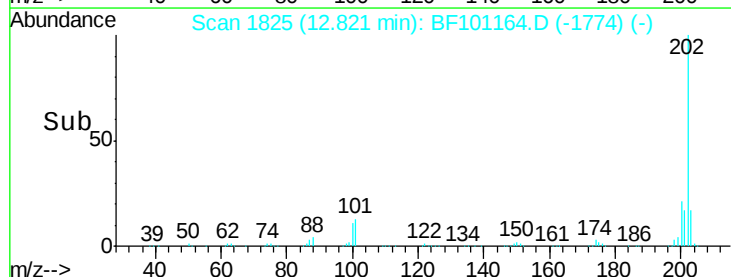
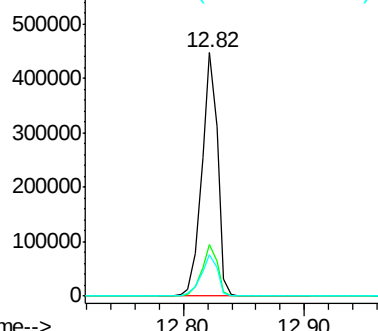
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5

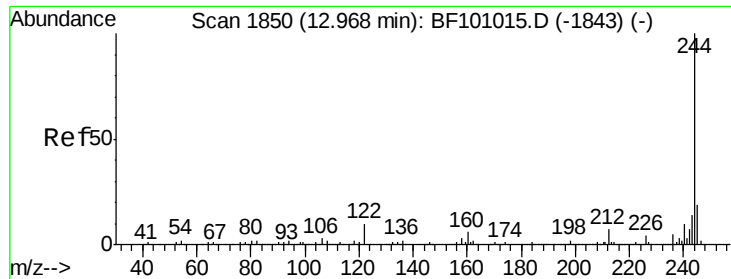


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.706 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

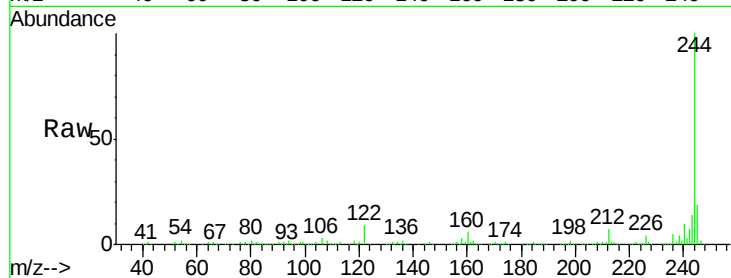
Tot Ion:244 Resp: 552817

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

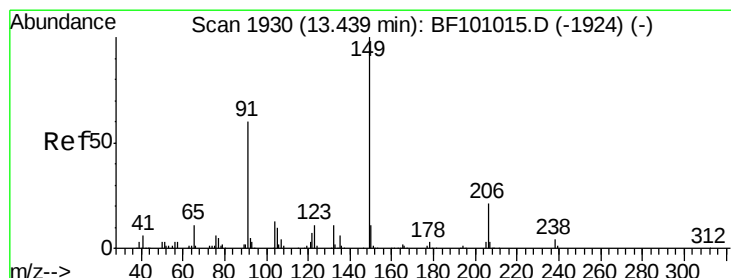
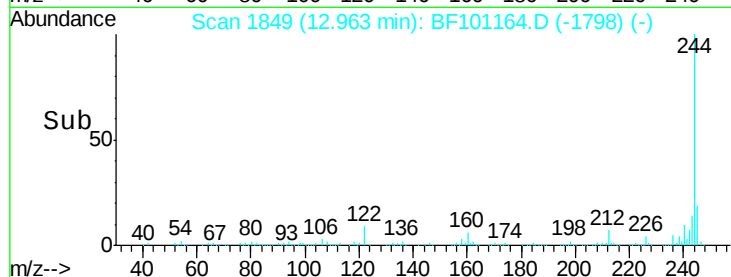
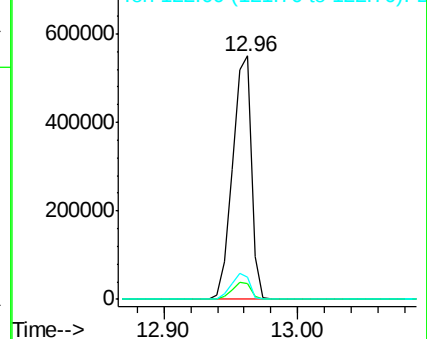
122 8.9 11.0 16.4#



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: 39.982 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

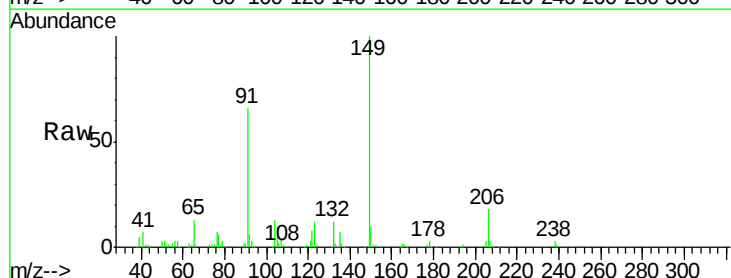
Tgt Ion:149 Resp: 167694

Ion Ratio Lower Upper

149 100

91 65.9 56.8 85.2

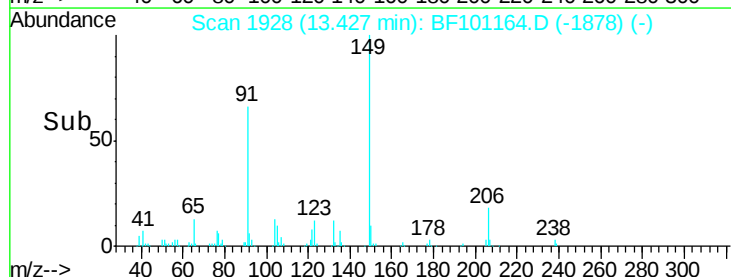
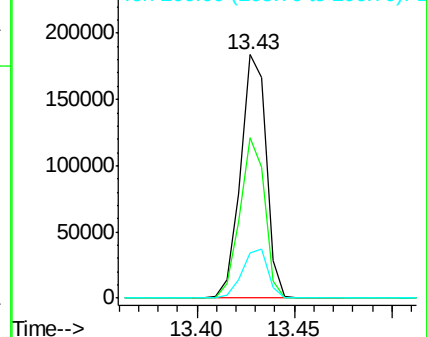
206 18.5 14.1 21.1

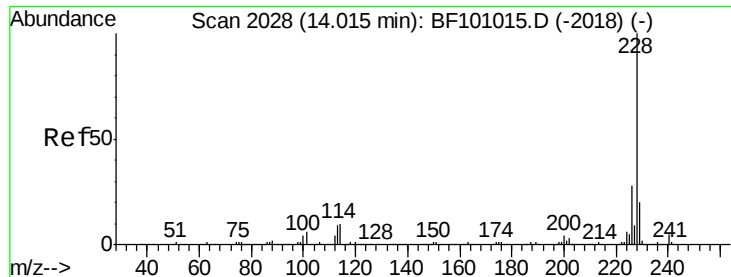


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.039 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

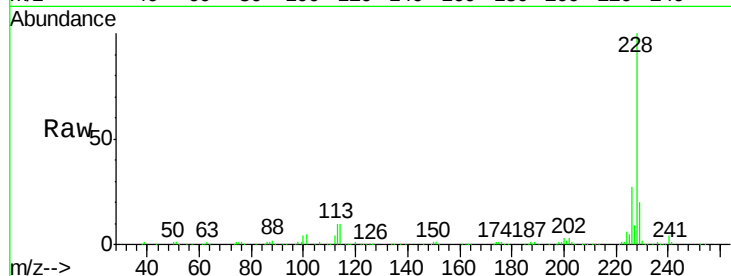
Tot Ion:228 Resp: 331117

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

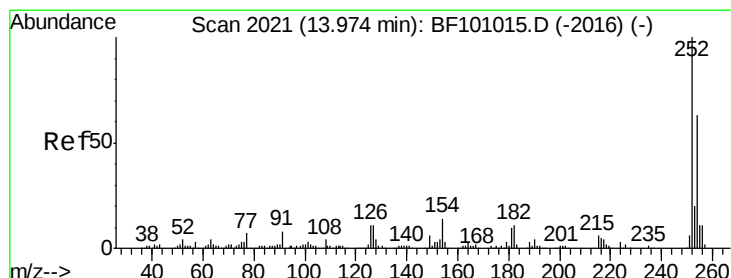
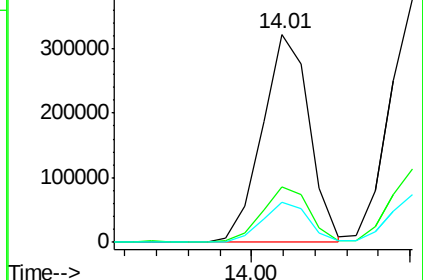
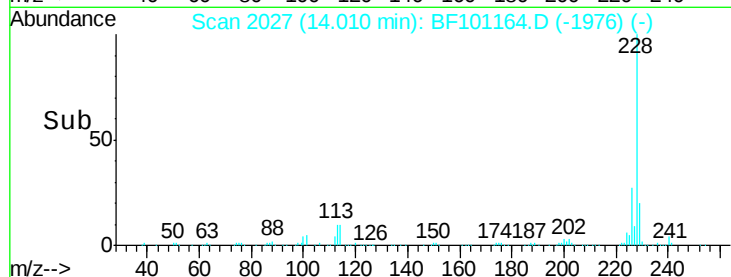
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.760 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

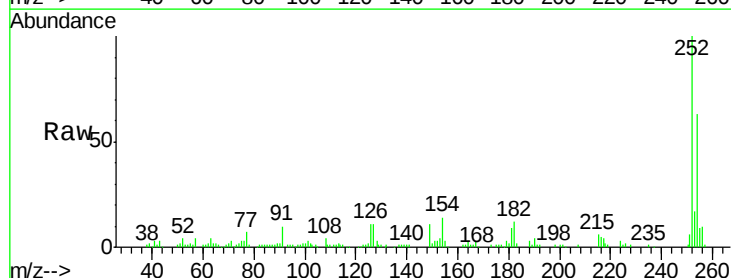
Tgt Ion:252 Resp: 80670

Ion Ratio Lower Upper

252 100

254 63.4 50.4 75.6

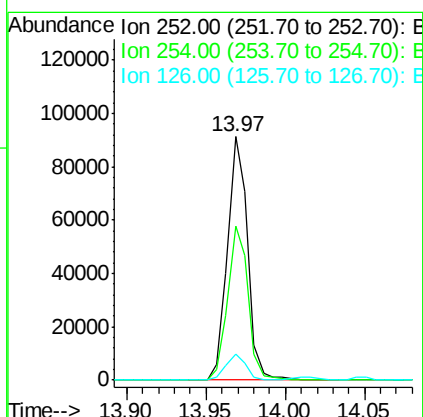
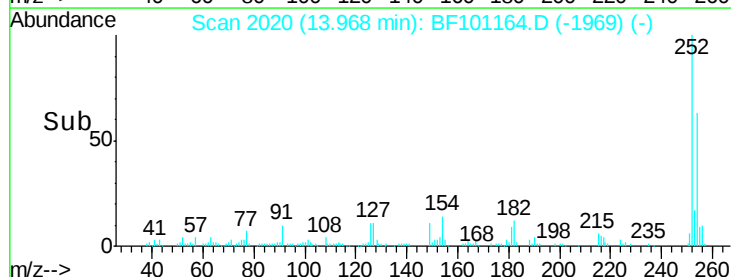
126 10.6 11.3 16.9#

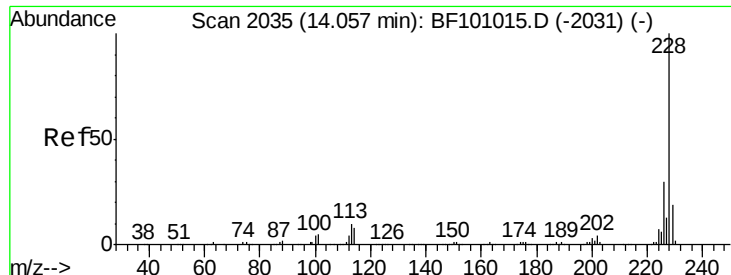


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.679 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

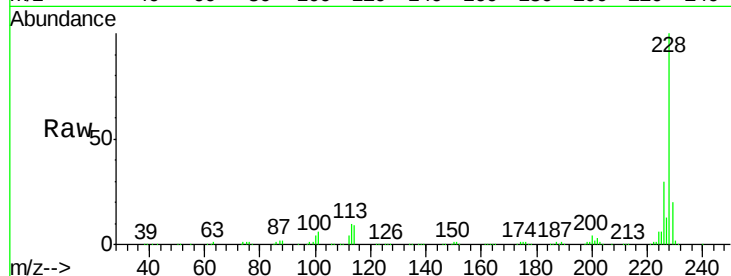
Tot Ion:228 Resp: 312683

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

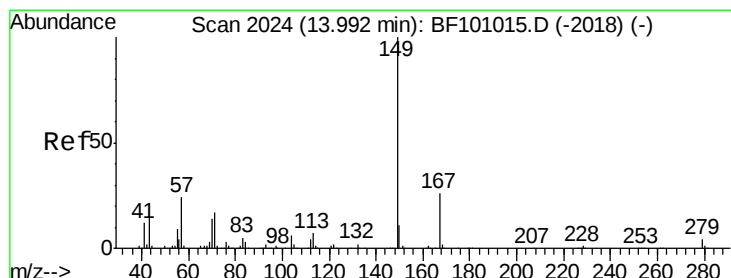
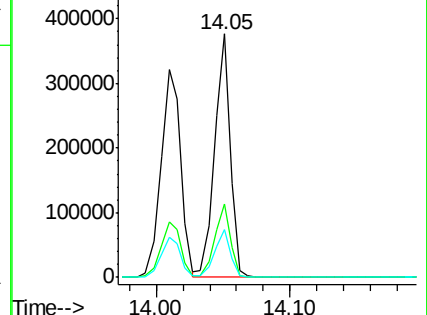
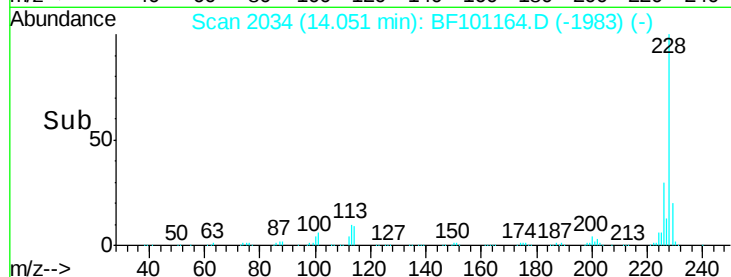
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.862 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

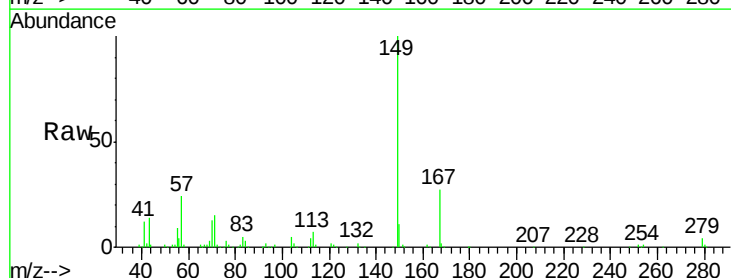
Tgt Ion:149 Resp: 226426

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

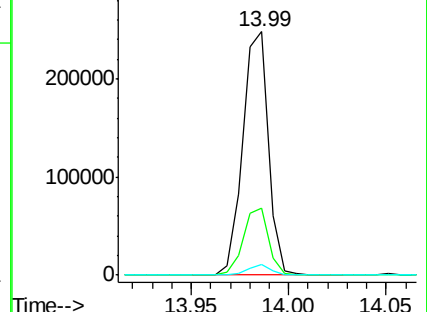
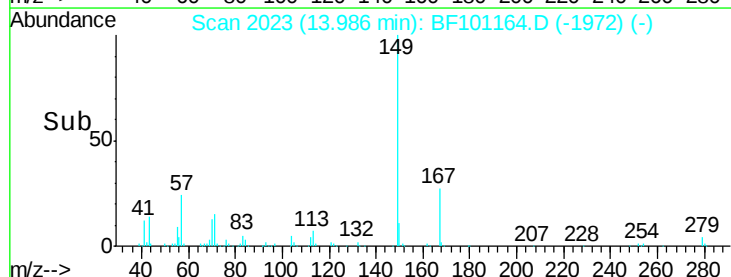
279 4.2 3.0 4.4

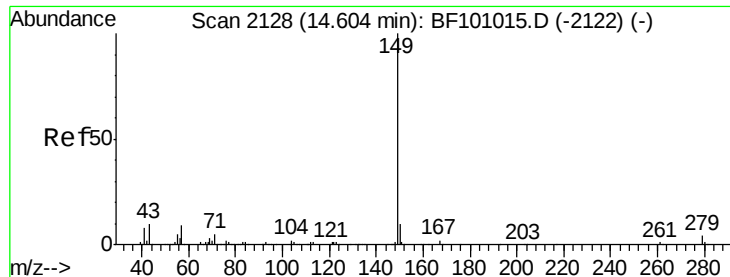


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

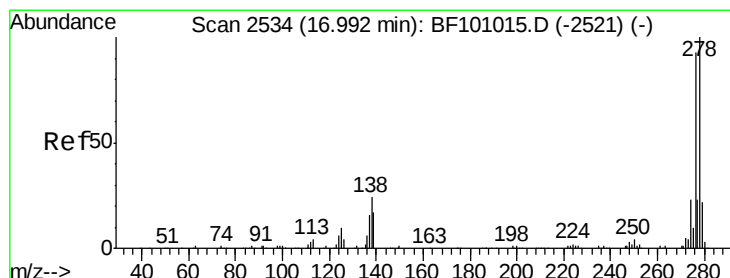
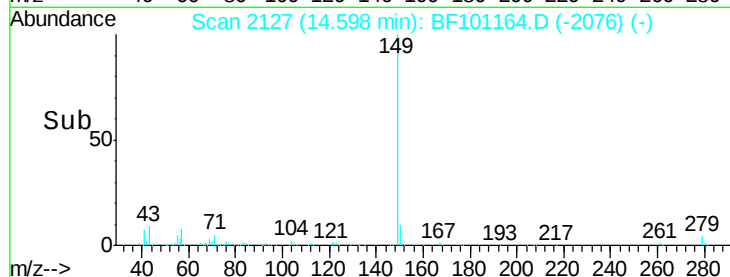
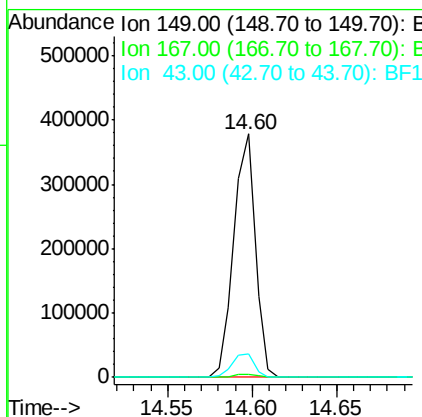
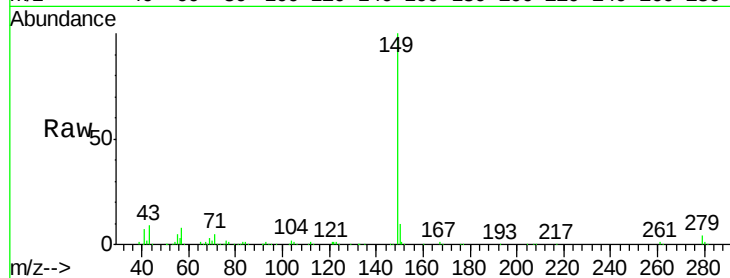




#84
Di-n-octyl phthalate
Concen: 33.769 ng
RT: 14.60 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

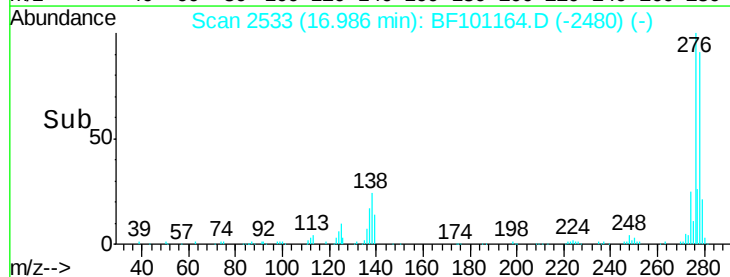
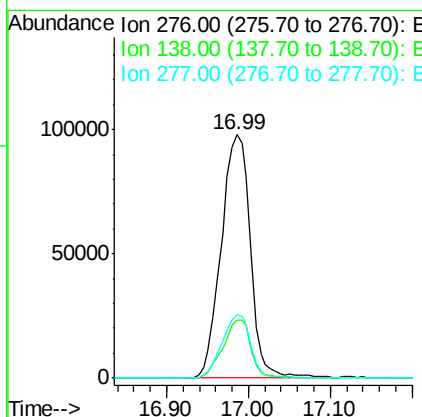
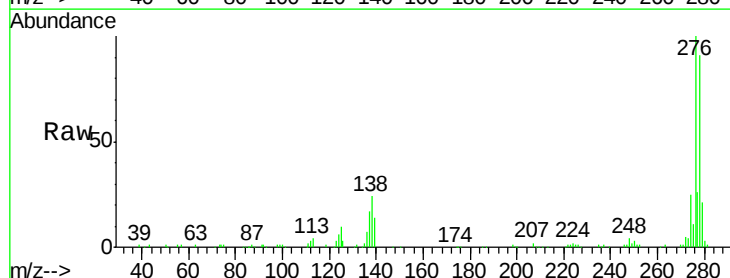
Instrument :
BNA_F
ClientSampleId :
PB104760BS

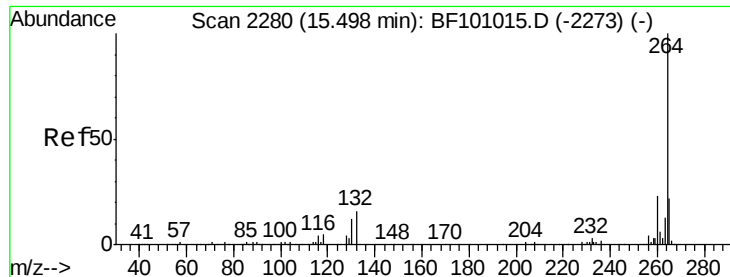
Tot Ion:149 Resp: 336247
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.956 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:276 Resp: 244044
Ion Ratio Lower Upper
276 100
138 22.9 25.0 37.6#
277 25.4 20.1 30.1

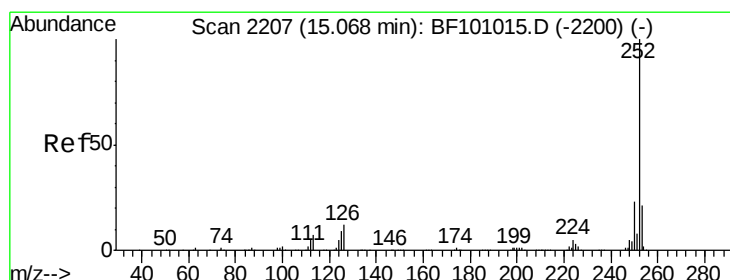
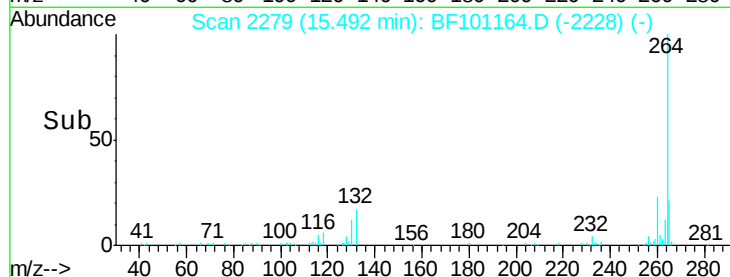
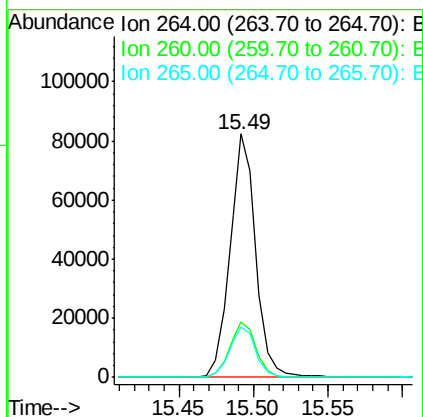
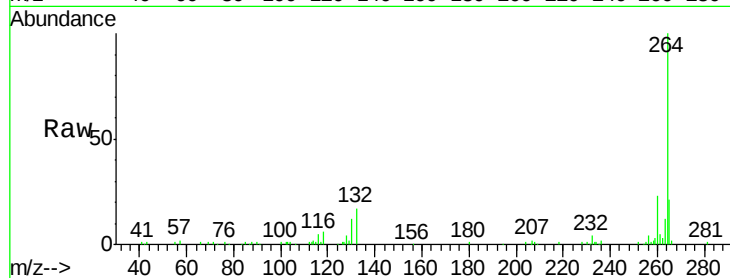




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

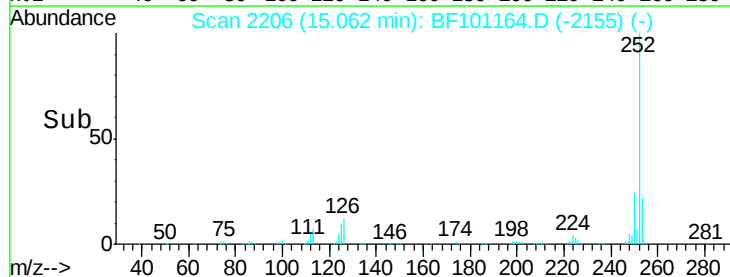
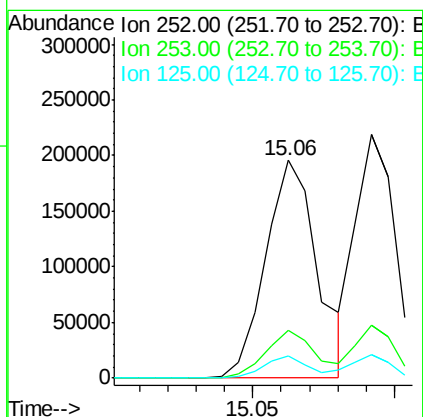
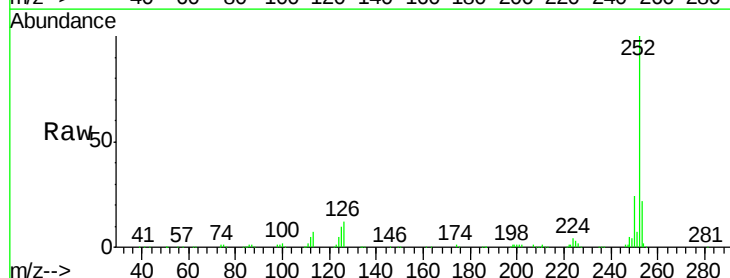
Instrument :
BNA_F
ClientSampleId :
PB104760BS

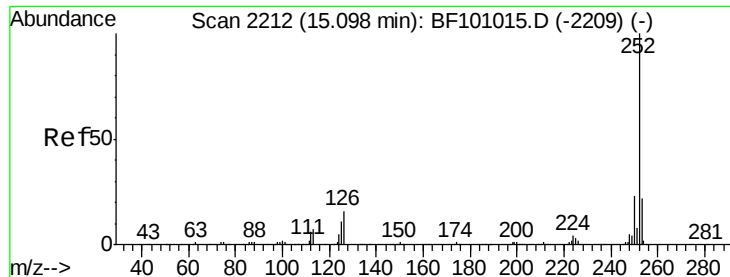
Tot Ion:264 Resp: 98603
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 42.025 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:252 Resp: 248199
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.1 9.0 13.6

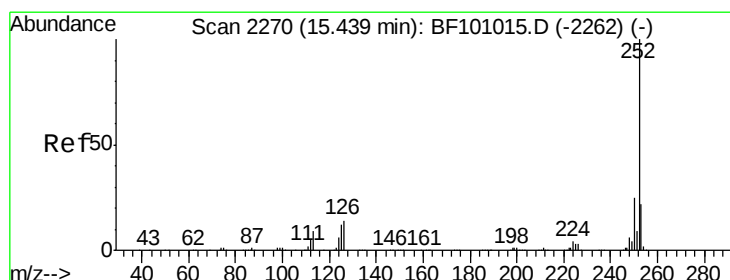
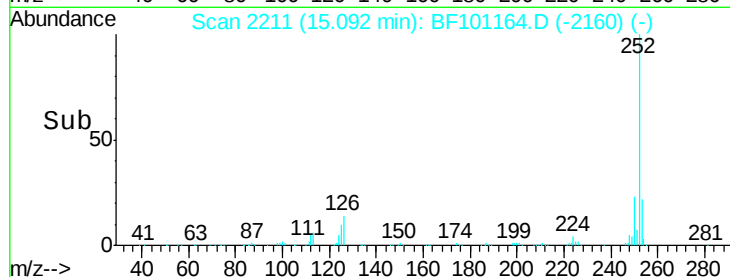
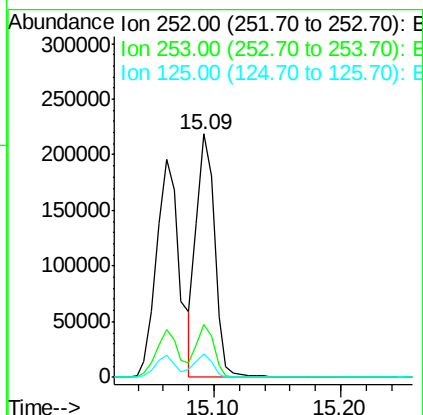
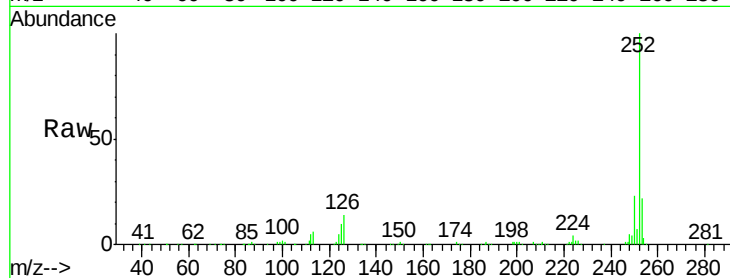




#88
Benzo(k)fluoranthene
Concen: 37.515 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

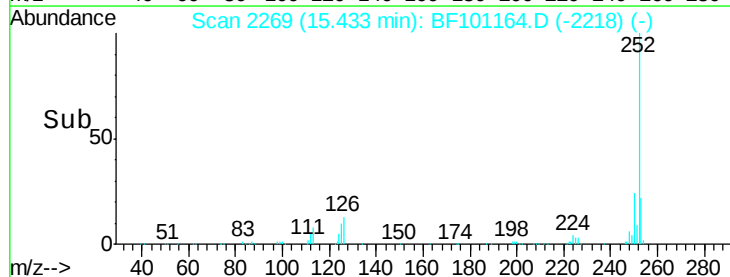
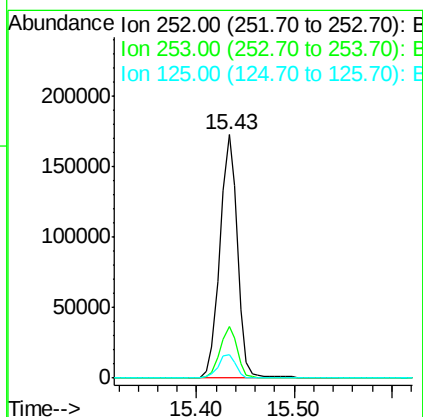
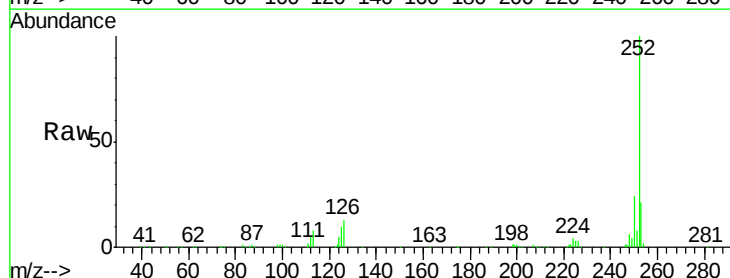
Instrument :
BNA_F
ClientSampleId :
PB104760BS

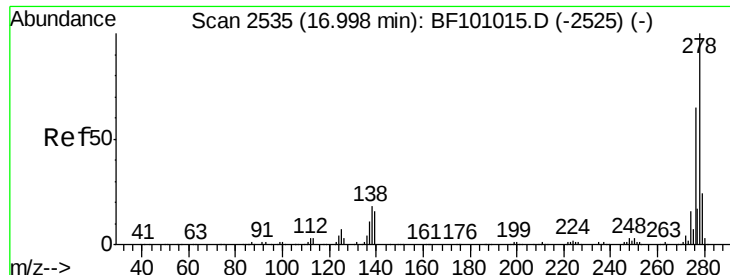
Tot Ion:252 Resp: 218294
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 40.214 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101164.D
Acq: 6 Dec 2017 13:43

Tgt Ion:252 Resp: 215924
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.7 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 43.211 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

Instrument :

BNA_F

ClientSampleId :

PB104760BS

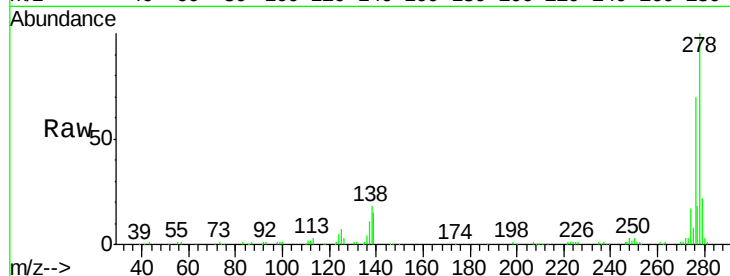
Tot Ion:278 Resp: 204543

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

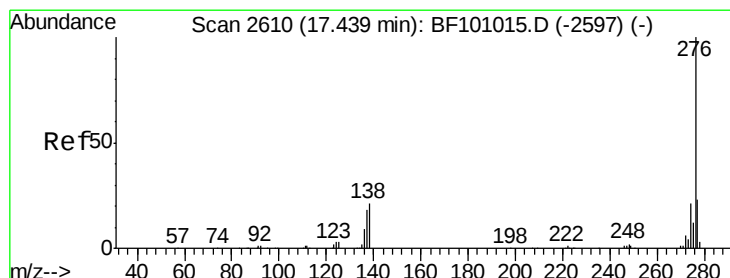
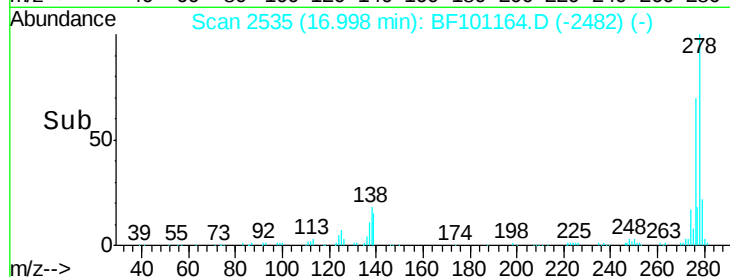
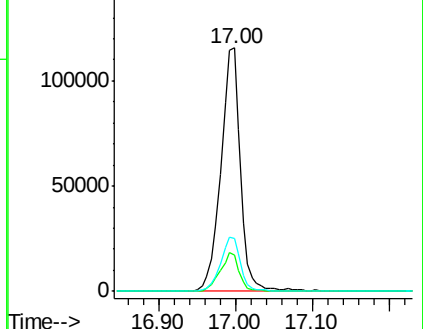
279 21.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 46.946 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF101164.D

Acq: 6 Dec 2017 13:43

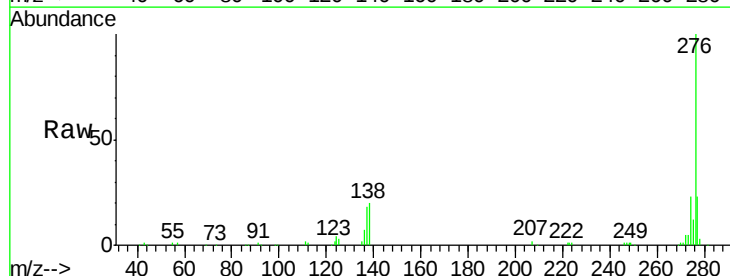
Tgt Ion:276 Resp: 209427

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 20.3 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

