

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101041.D
 Acq On : 1 Dec 2017 2:00
 Operator : SJ/JU
 Sample : I6630-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:30:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60790	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	225543	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89793	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	141537	20.00	ng	0.00
75) Chrysene-d12	14.03	240	133432	20.00	ng	0.00
86) Perylene-d12	15.50	264	91666	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	335787	91.28	ng	0.01
7) Phenol-d6	6.50	99	392854	87.96	ng	0.01
23) Nitrobenzene-d5	7.42	82	239366	63.31	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	78392	72.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	477543	72.76	ng	0.00
78) Terphenyl-d14	12.96	244	369147	60.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	38494	25.304	ng	# 94
3) Pyridine	3.42	79	115303	29.238	ng	97
4) n-Nitrosodimethylamine	3.36	42	63413	32.923	ng	# 89
6) Aniline	6.52	93	110754	19.069	ng	92
8) 2-Chlorophenol	6.65	128	127074	31.680	ng	98
9) Benzaldehyde	6.41	77	47417	17.346	ng	92
10) Phenol	6.51	94	169378	34.105	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	119426	32.059	ng	98
12) 1,3-Dichlorobenzene	6.80	146	146106	31.282	ng	96
13) 1,4-Dichlorobenzene	6.87	146	147196	30.440	ng	98
14) 1,2-Dichlorobenzene	7.03	146	139702	30.973	ng	97
15) Benzyl Alcohol	7.00	79	106359	30.832	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	185740	36.682	ng	95
17) 2-Methylphenol	7.11	107	103872	32.070	ng	97
18) Hexachloroethane	7.36	117	36013	23.181	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	84669	28.148	ng	95
20) 3+4-Methylphenols	7.26	107	127716	30.235	ng	# 71
22) Acetophenone	7.27	105	165922	30.450	ng	# 92
24) Nitrobenzene	7.44	77	123148	33.233	ng	99
25) Isophorone	7.68	82	224423	34.750	ng	98
26) 2-Nitrophenol	7.76	139	58093	28.558	ng	91
27) 2,4-Dimethylphenol	7.79	122	107928	36.677	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	143392	33.035	ng	98
29) 2,4-Dichlorophenol	8.00	162	104531	32.635	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	115415	32.769	ng	94
31) Naphthalene	8.16	128	351415	31.614	ng	99
32) Benzoic acid	7.79	122	107928	47.157	ng	# 14
33) 4-Chloroaniline	8.22	127	82754	18.528	ng	97
34) Hexachlorobutadiene	8.27	225	67708	31.343	ng	99
35) Caprolactam	8.57	113	28404	28.455	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	97387	29.352	ng	99
37) 2-Methylnaphthalene	8.85	142	232686	30.807	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	105763	32.423	ng	# 96
40) Hexachlorocyclopentadiene	9.00	237	5000	9.808	ng	90

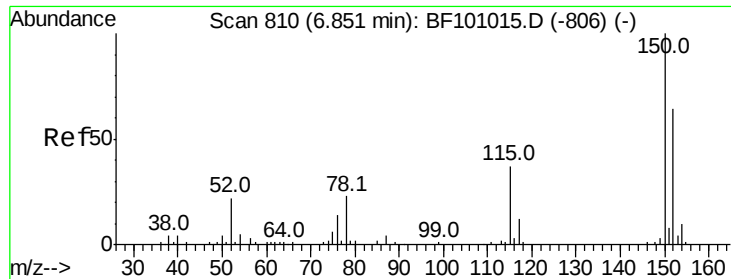
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101041.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	67636	35.371	nq	95
43) 2,4,5-Trichlorophenol	9.17	196	67470	33.004	nq	94
45) 1,1'-Biphenyl	9.32	154	269458	32.753	nq	96
46) 2-Chloronaphthalene	9.34	162	199283	34.109	nq	97
47) 2-Nitroaniline	9.44	65	58076	33.597	nq	97
48) Acenaphthylene	9.76	152	291680	30.378	nq	99
49) Dimethylphthalate	9.61	163	264632	36.543	nq	99
50) 2,6-Dinitrotoluene	9.68	165	45236	29.658	nq	87
51) Acenaphthene	9.93	154	170446	29.646	nq	99
52) 3-Nitroaniline	9.85	138	46465	27.089	nq	90
53) 2,4-Dinitrophenol	9.97	184	546	5.481	nq #	10
54) Dibenzofuran	10.10	168	253265	30.568	nq	98
55) 4-Nitrophenol	10.02	139	58898	50.916	nq	93
56) 2,4-Dinitrotoluene	10.09	165	52785	25.823	nq #	90
57) Fluorene	10.45	166	191309	28.404	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	48646	29.720	nq #	84
59) Diethylphthalate	10.31	149	223906	31.348	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	97777	29.402	nq	90
61) 4-Nitroaniline	10.46	138	42601	23.926	nq	90
62) Azobenzene	10.59	77	168402	27.782	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	2633	2.774	nq #	74
65) n-Nitrosodiphenylamine	10.55	169	174805	35.008	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	56178	35.460	nq #	88
67) Hexachlorobenzene	10.99	284	54333	31.999	nq #	86
68) Atrazine	11.07	200	48990	31.985	nq	99
69) Pentachlorophenol	11.19	266	48223	51.653	nq	98
70) Phenanthrene	11.40	178	247403	31.741	nq	98
71) Anthracene	11.46	178	257123	32.594	nq	98
72) Carbazole	11.62	167	221362	30.712	nq	98
73) Di-n-butylphthalate	11.93	149	286828	31.750	nq	99
74) Fluoranthene	12.60	202	274006	31.714	nq	94
76) Benzidine	12.72	184	15354	3.539	nq	98
77) Pyrene	12.83	202	287929	31.272	nq	100
79) Butylbenzylphthalate	13.44	149	127879	31.502	nq #	87
80) Benzo(a)anthracene	14.02	228	266794	31.668	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	70317	24.100	nq	95
82) Chrysene	14.06	228	251665	32.165	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	208709	36.059	nq	99
84) Di-n-octyl phthalate	14.60	149	317410	32.936	nq #	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	155637	22.374	nq #	93
87) Benzo(b)fluoranthene	15.07	252	204785	37.298	nq	99
88) Benzo(k)fluoranthene	15.10	252	172852	31.954	nq #	97
89) Benzo(a)pyrene	15.44	252	164422	32.940	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	131678	29.923	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	125761	30.325	nq #	93

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

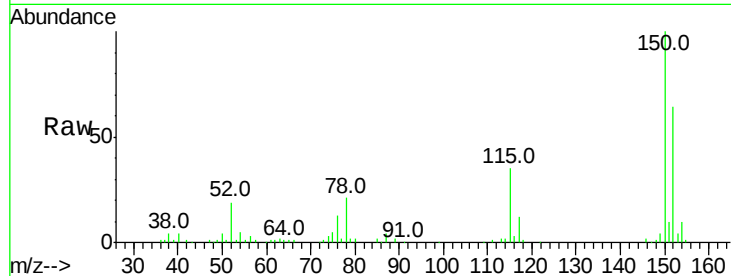


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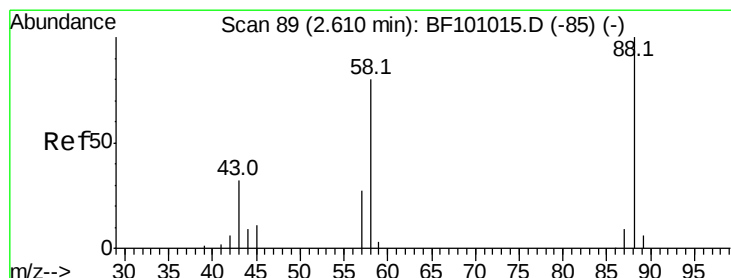
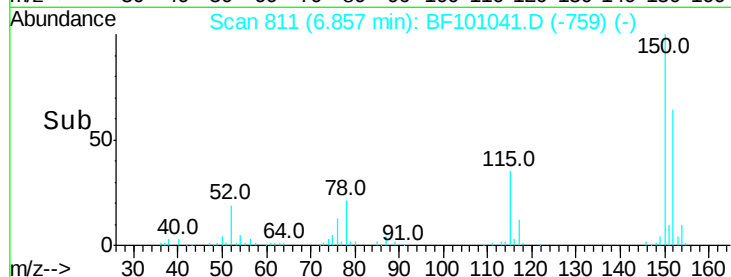
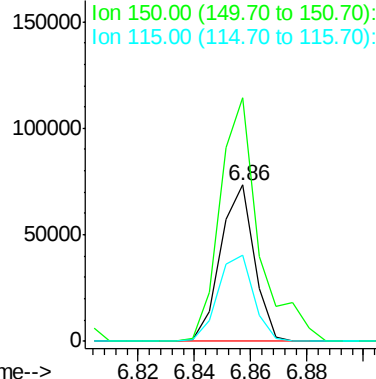
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60790
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 54.9 50.1 75.1



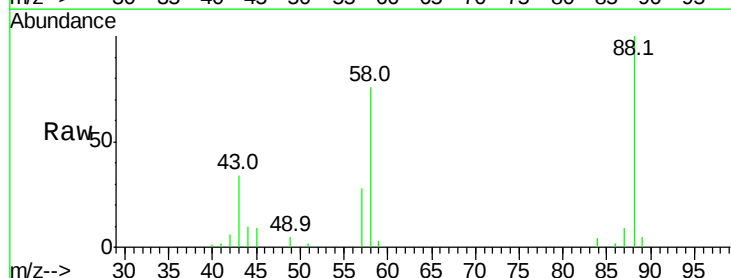
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



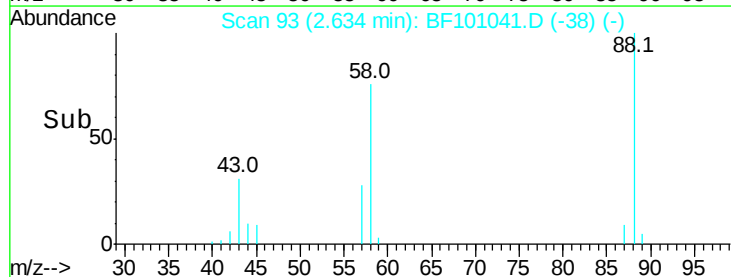
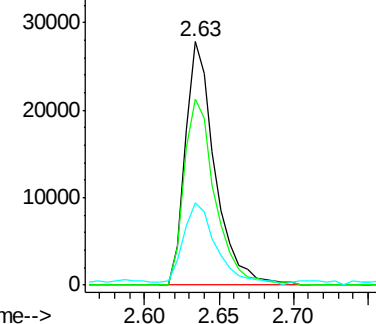
#2

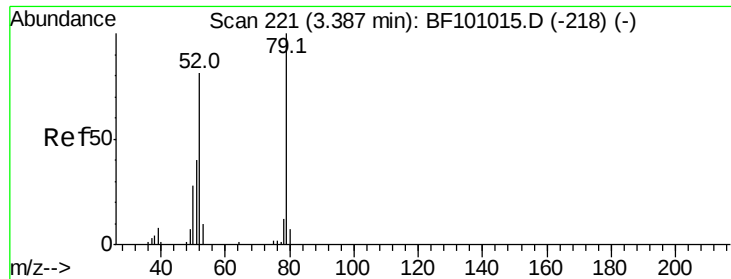
1,4-Dioxane
Concen: 25.304 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.02 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion: 88 Resp: 38494
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 39.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

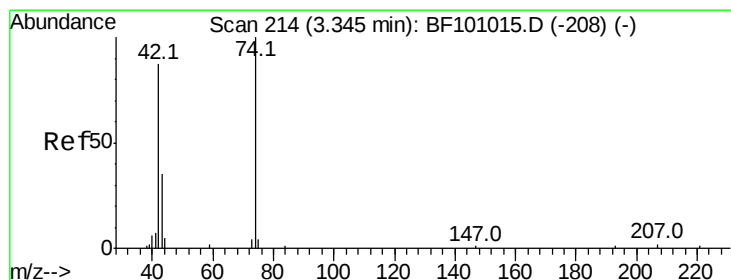
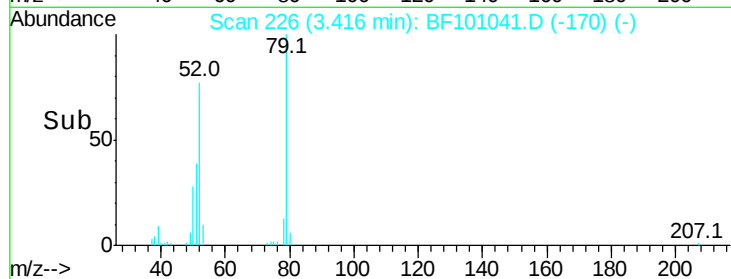
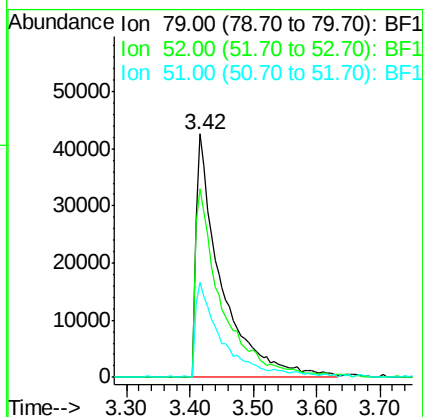
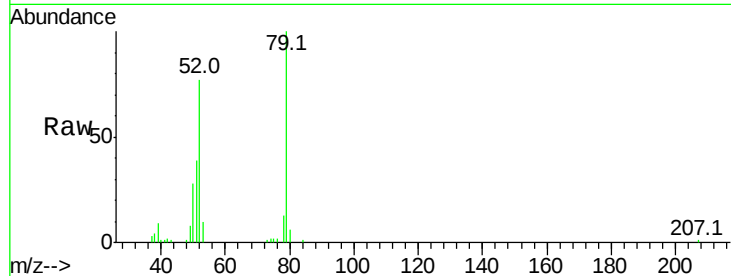




#3
 Pvridine
 Concen: 29.238 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

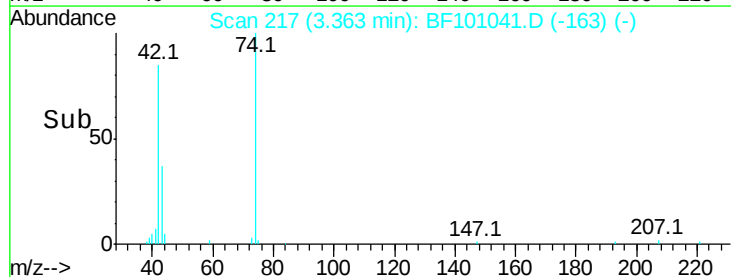
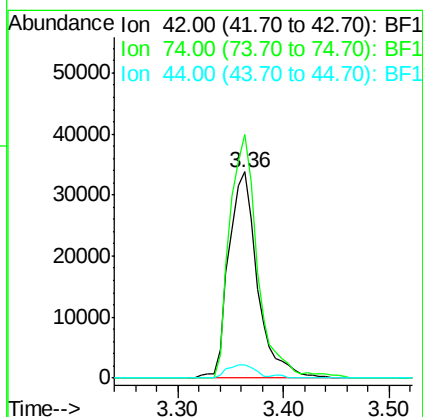
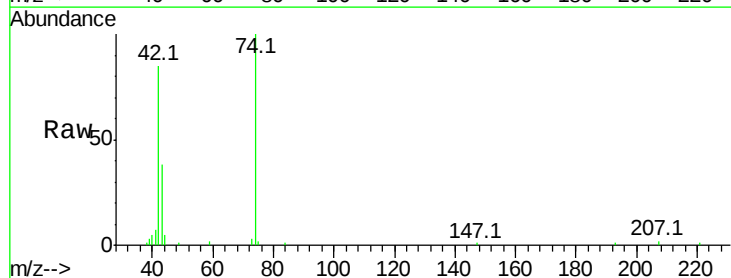
Instrument :
 BNA_F
 ClientSampled :

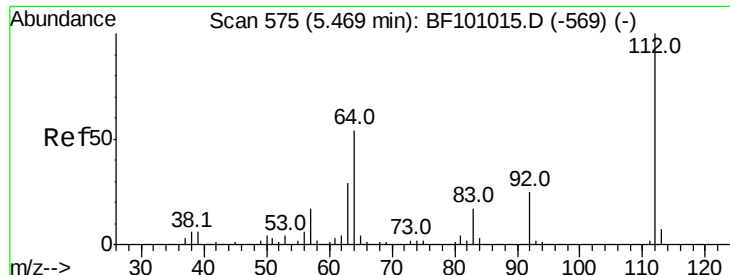
Tot Ion: 79 Resp: 115303
 Ion Ratio Lower Upper
 79 100
 52 77.3 59.8 89.6
 51 39.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 32.923 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.02 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion: 42 Resp: 63413
 Ion Ratio Lower Upper
 42 100
 74 118.2 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 91.276 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampled :

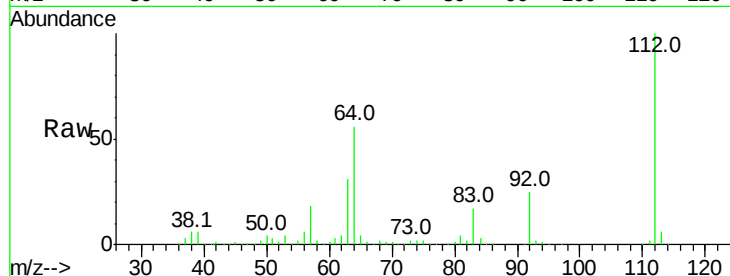
Tot Ion:112 Resp: 335787

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

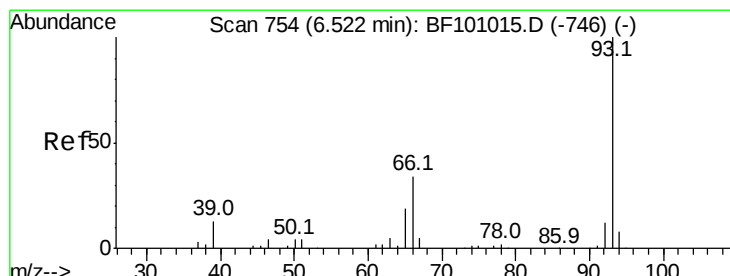
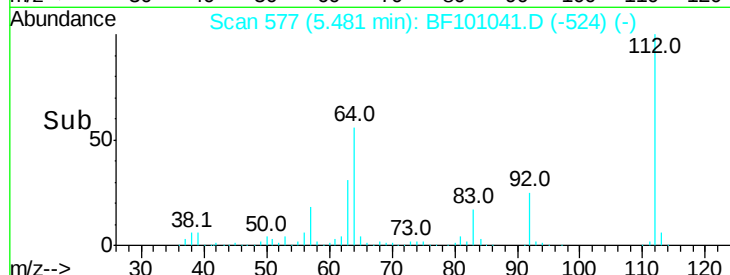
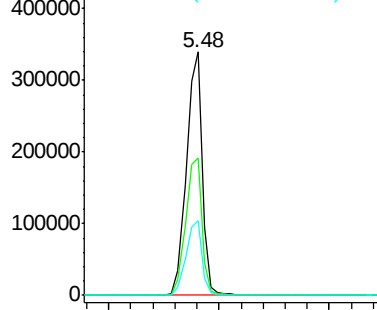
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.069 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

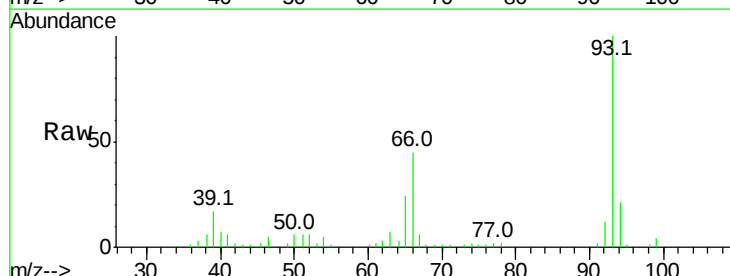
Tgt Ion: 93 Resp: 110754

Ion Ratio Lower Upper

93 100

66 45.3 32.2 48.2

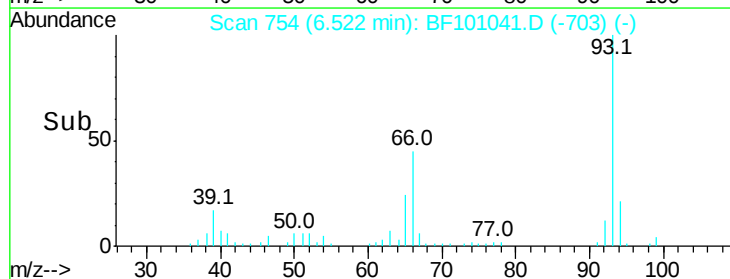
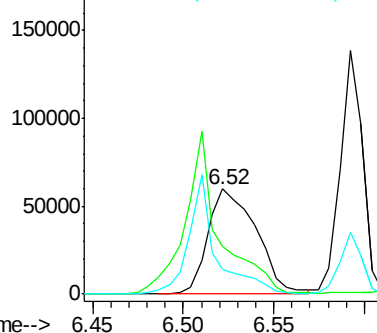
65 23.9 16.4 24.6

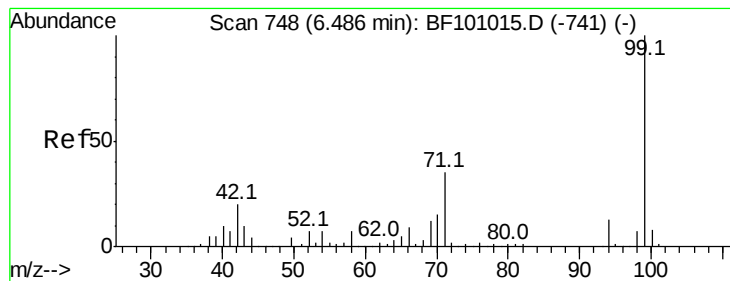


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.957 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

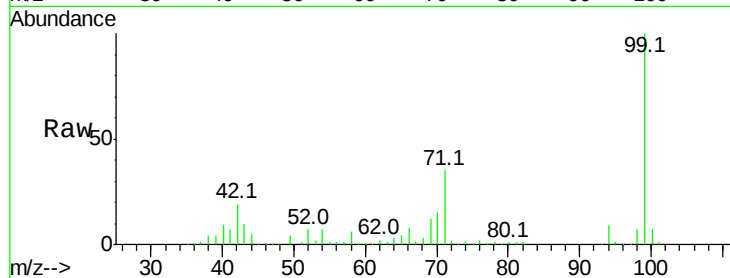
Tot Ion: 99 Resp: 392854

Ion Ratio Lower Upper

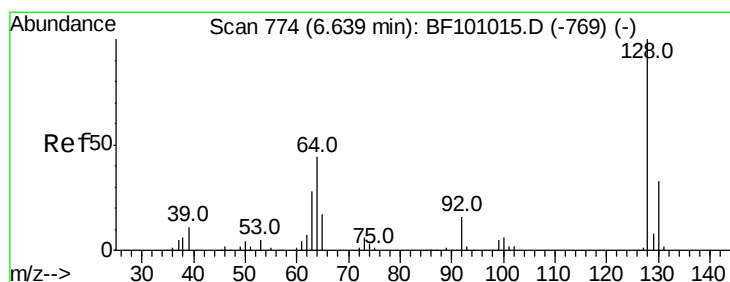
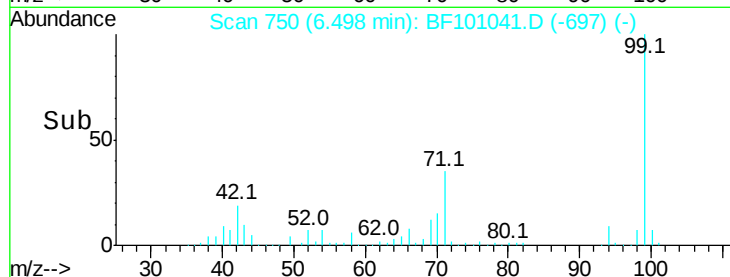
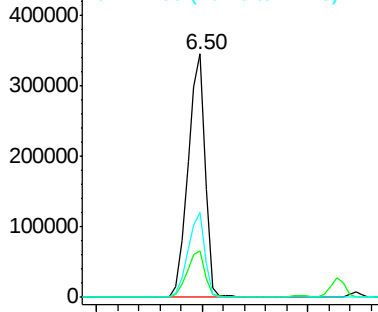
99 100

42 19.0 14.5 21.7

71 35.0 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: 31.680 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

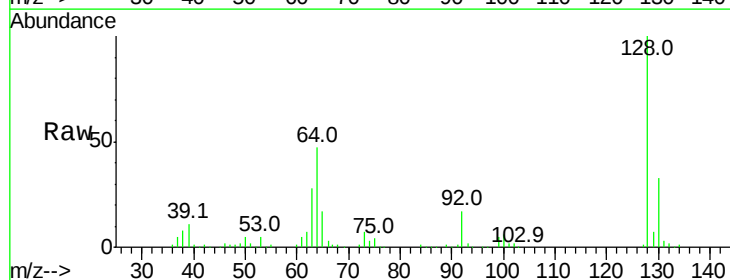
Tgt Ion: 128 Resp: 127074

Ion Ratio Lower Upper

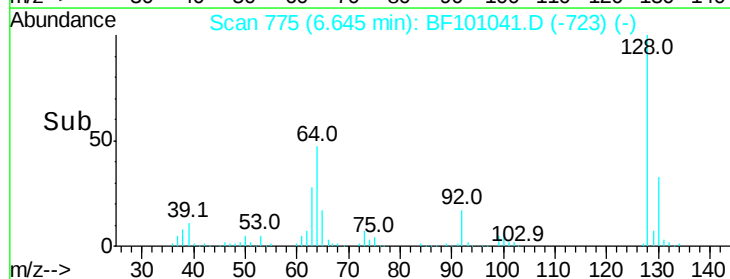
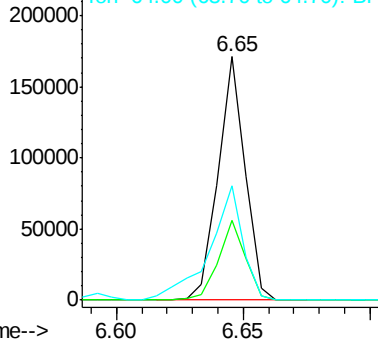
128 100

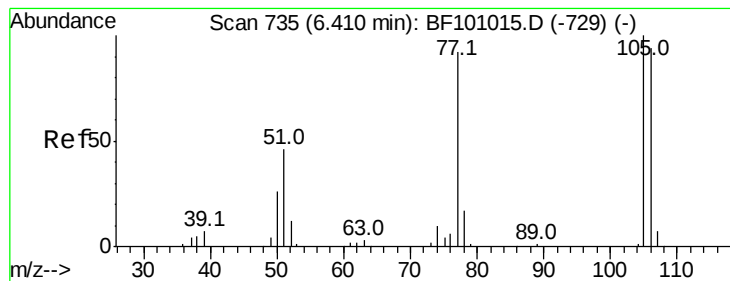
130 32.9 13.0 53.0

64 46.9 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: 17.346 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampled :

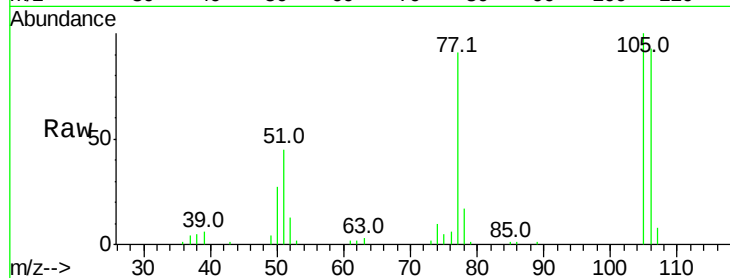
Tot Ion: 77 Resp: 47417

Ion Ratio Lower Upper

77 100

105 109.8 81.1 121.1

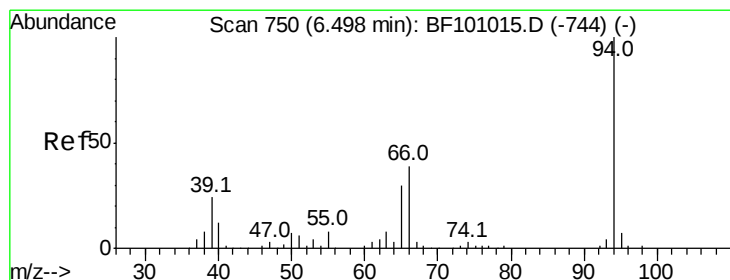
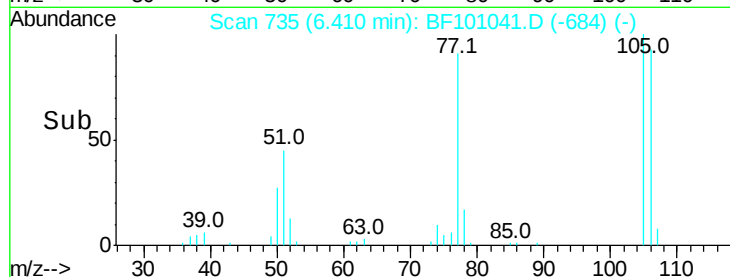
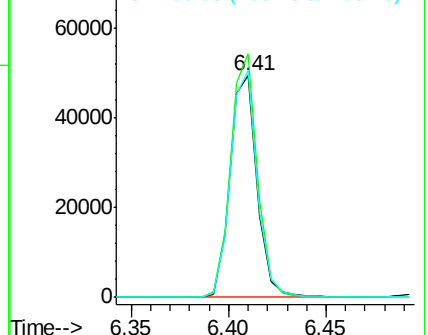
106 102.2 74.5 114.5



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: 34.105 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

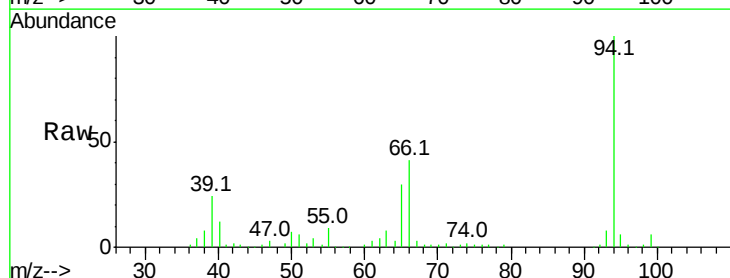
Tgt Ion: 94 Resp: 169378

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

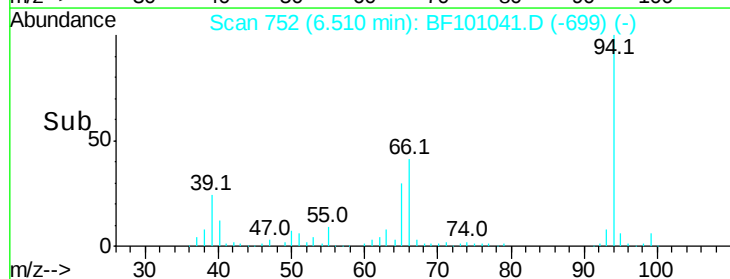
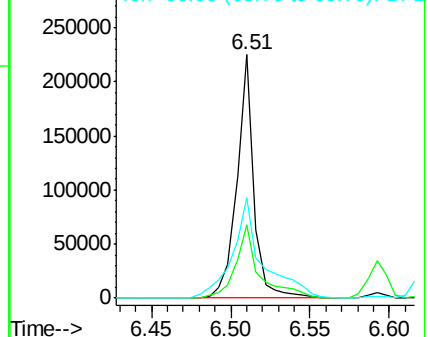
66 41.2 16.2 56.2

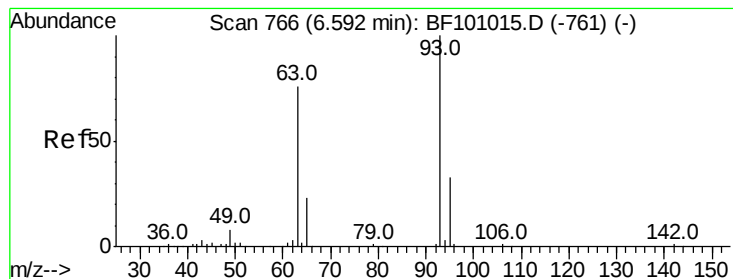


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.059 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

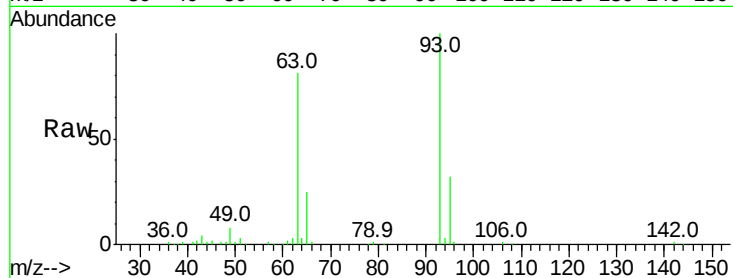
Tot Ion: 93 Resp: 119426

Ion Ratio Lower Upper

93 100

63 81.4 58.6 98.6

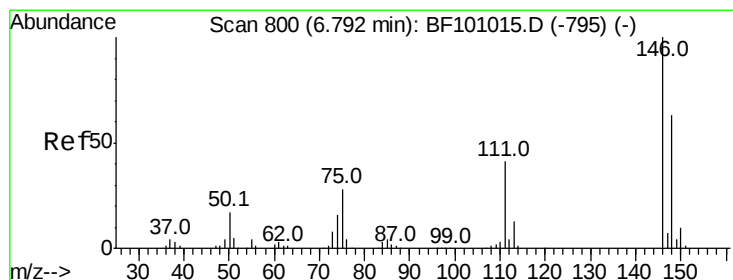
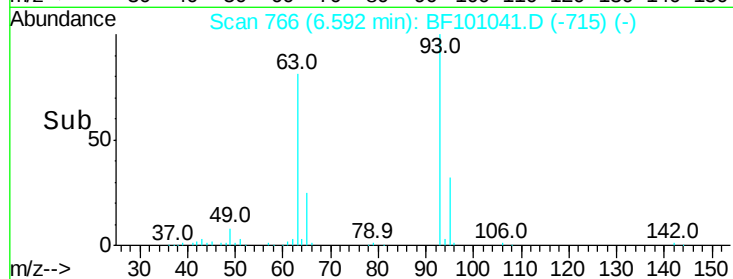
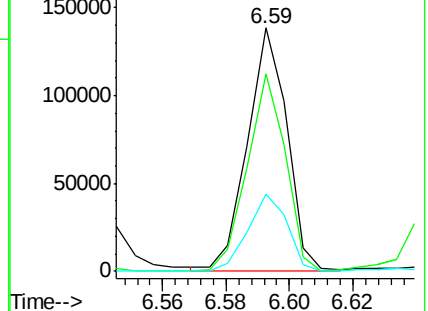
95 31.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.282 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

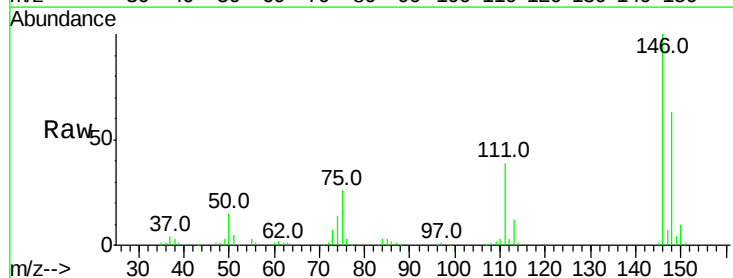
Tgt Ion: 146 Resp: 146106

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

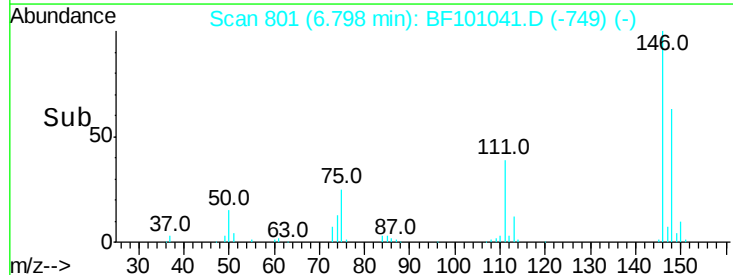
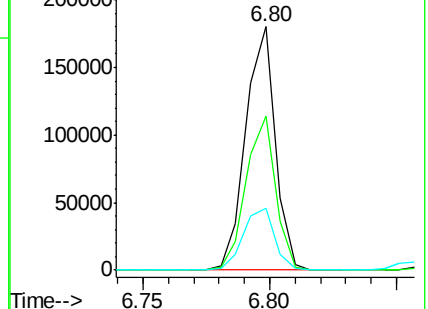
75 25.5 24.2 36.4

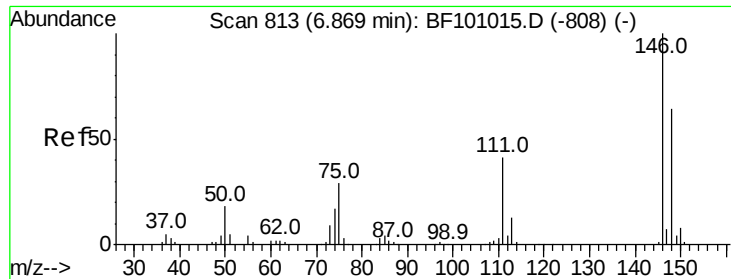


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

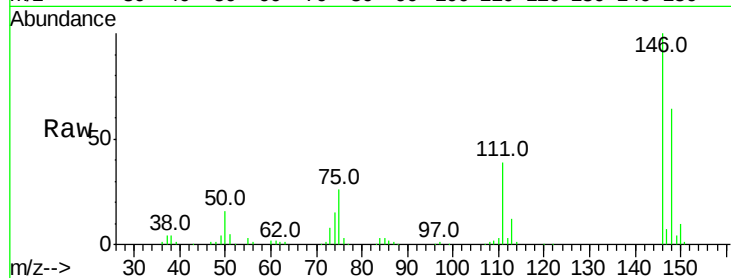




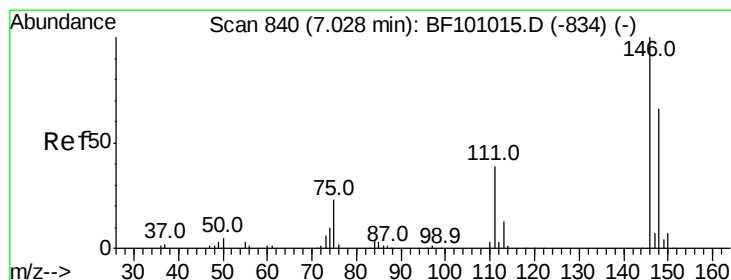
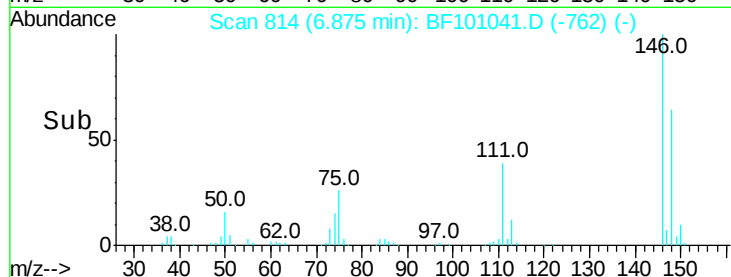
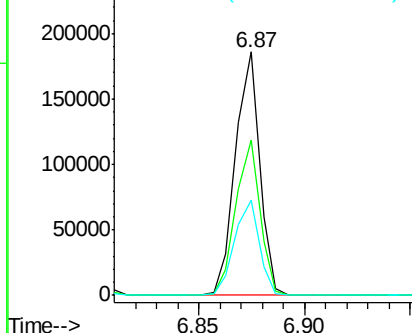
#13
 1,4-Dichlorobenzene
 Concen: 30.440 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.2	34.2	51.2

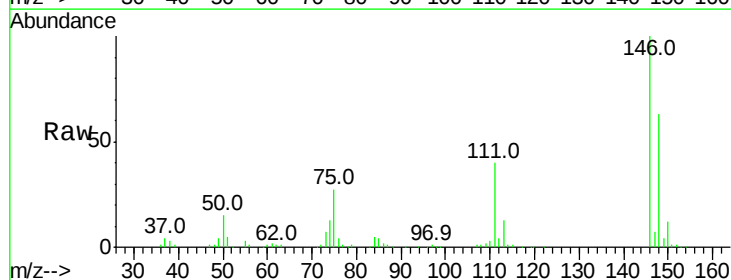


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

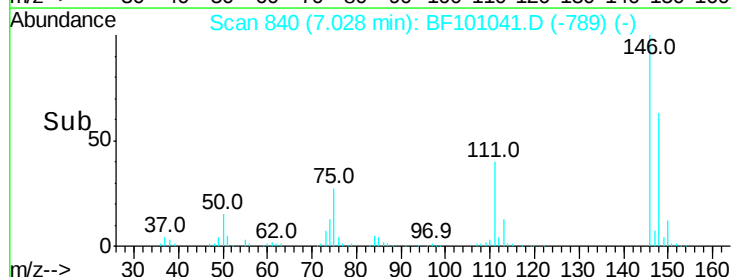
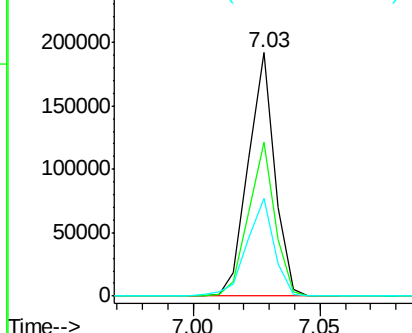


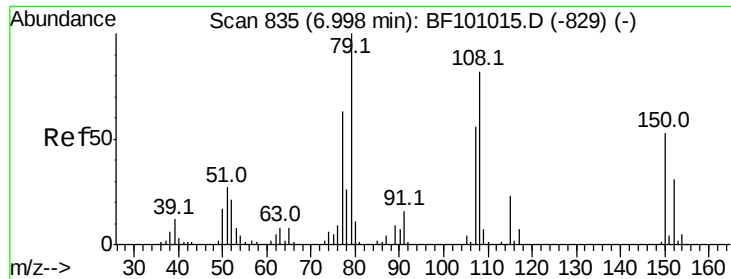
#14
 1,2-Dichlorobenzene
 Concen: 30.973 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	40.3	36.0	54.0



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

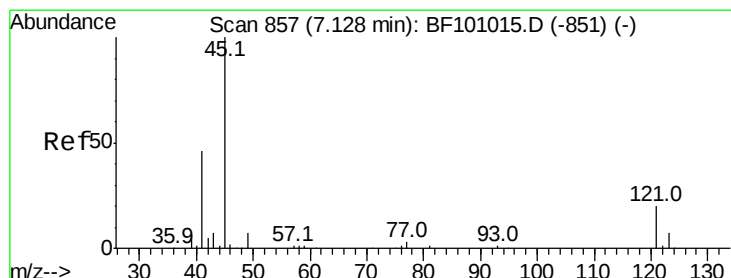
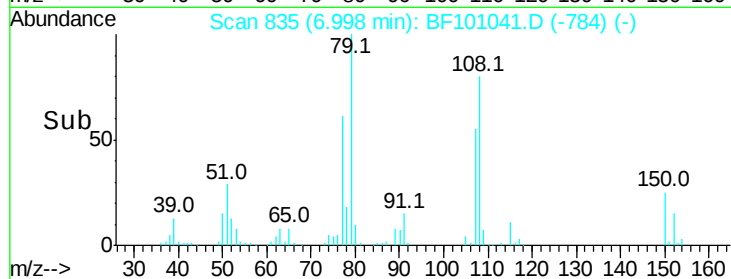
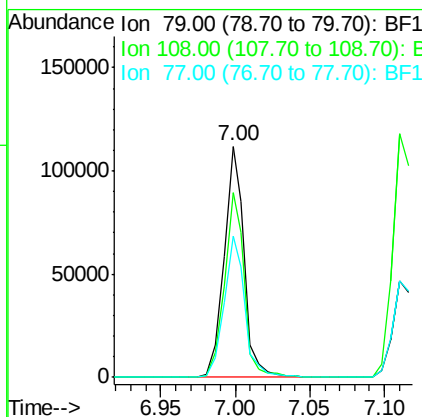
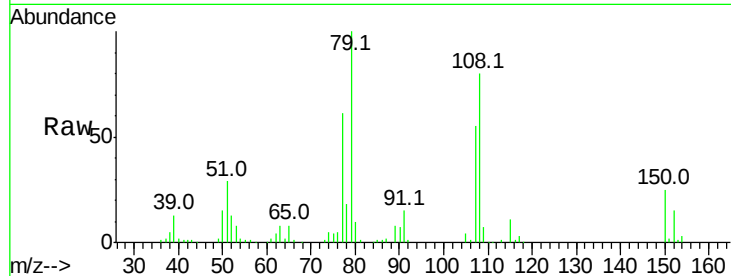




#15
Benzyl Alcohol
Concen: 30.832 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

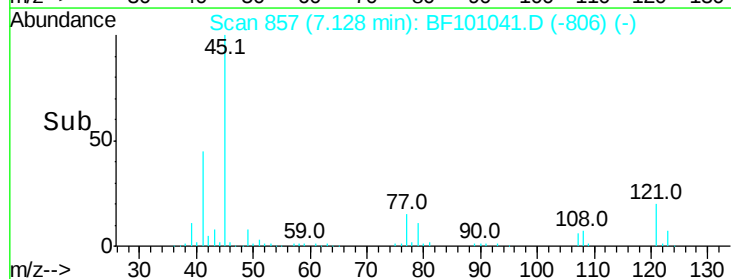
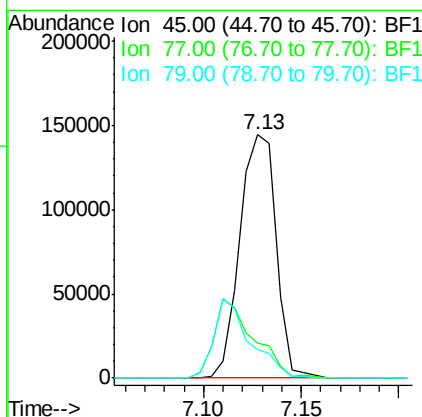
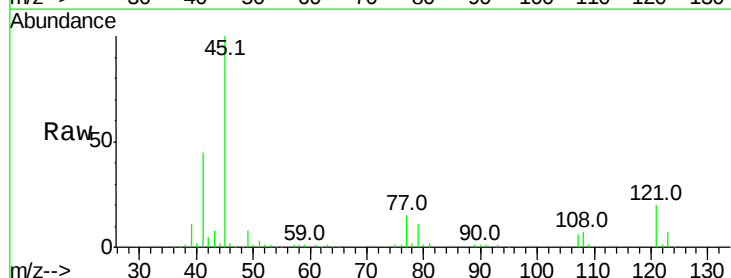
Instrument :
BNA_F
ClientSampled :

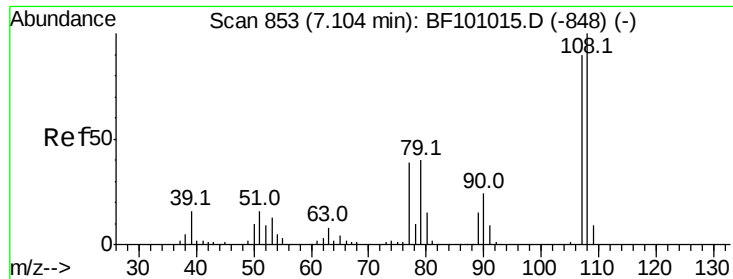
Tot Ion: 79 Resp: 106359
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.682 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion: 45 Resp: 185740
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.5 0.0 29.6

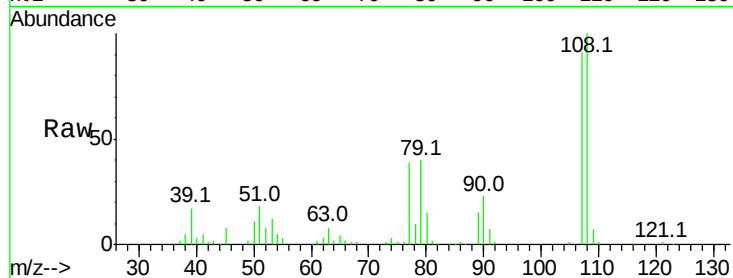




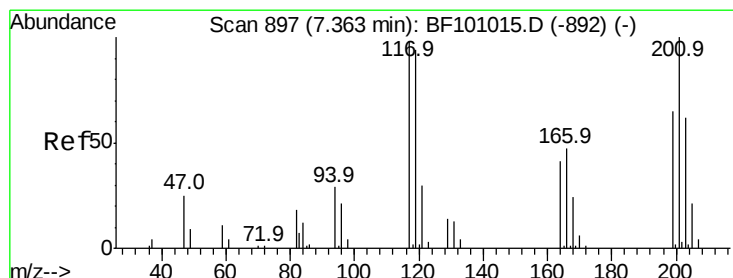
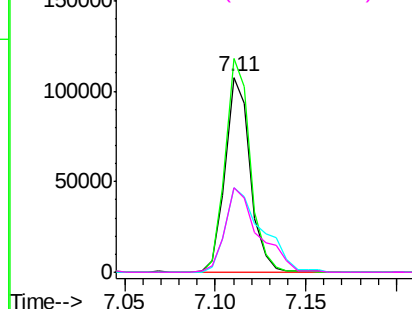
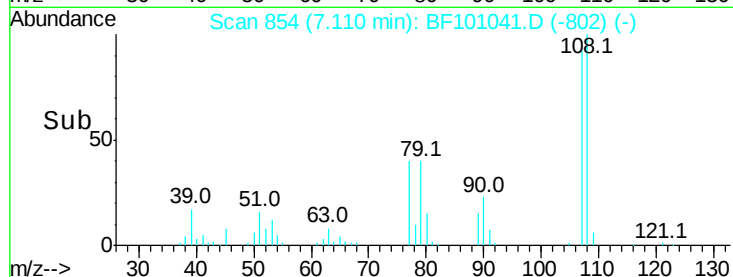
#17
2-Methylphenol
Concen: 32.070 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 103872
Ion Ratio Lower Upper
107 100
108 109.7 91.7 137.5
77 43.2 33.8 50.8
79 43.7 33.8 50.8

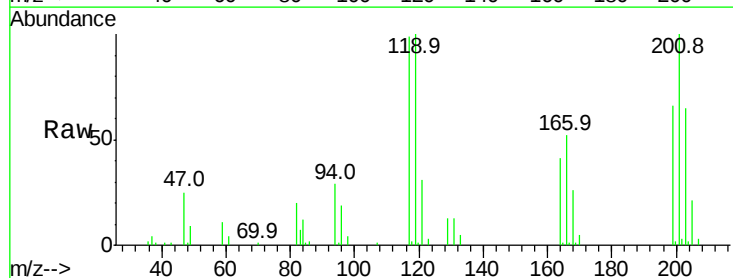


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

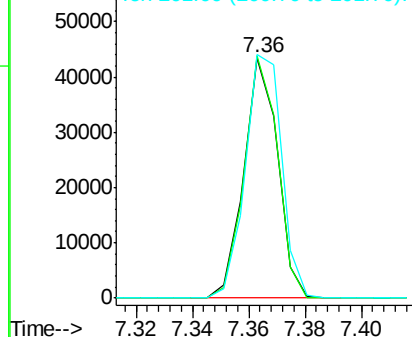
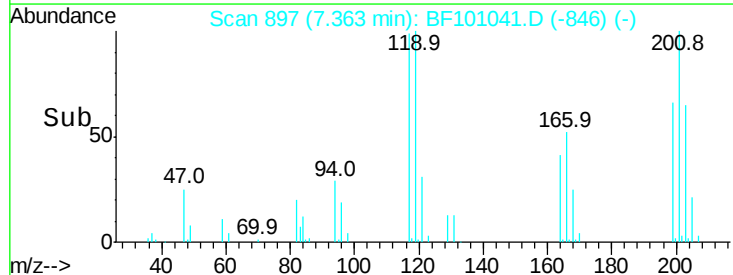


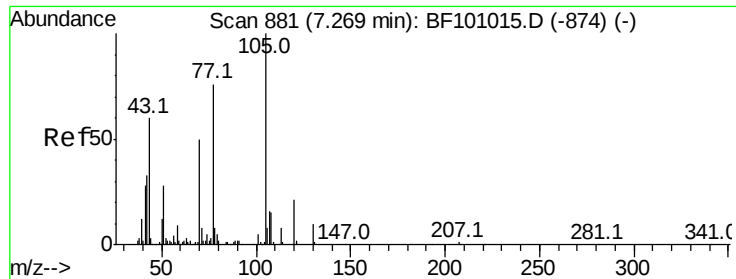
#18
Hexachloroethane
Concen: 23.181 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:117 Resp: 36013
Ion Ratio Lower Upper
117 100
119 101.3 75.8 113.8
201 101.5 75.7 113.5



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

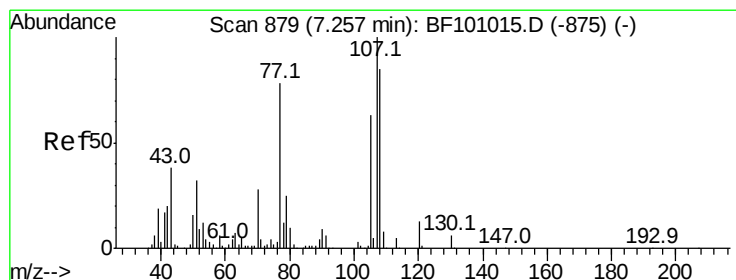
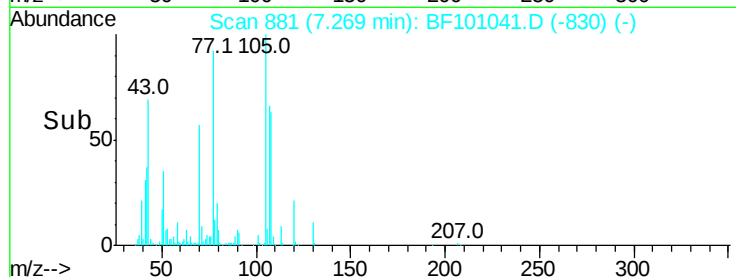
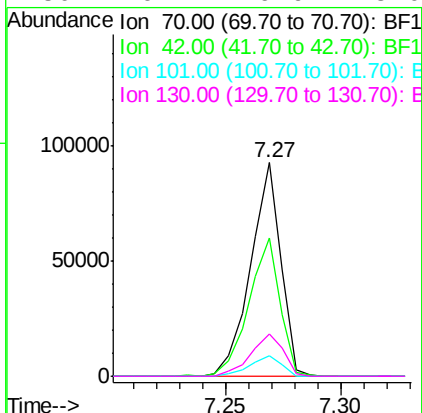
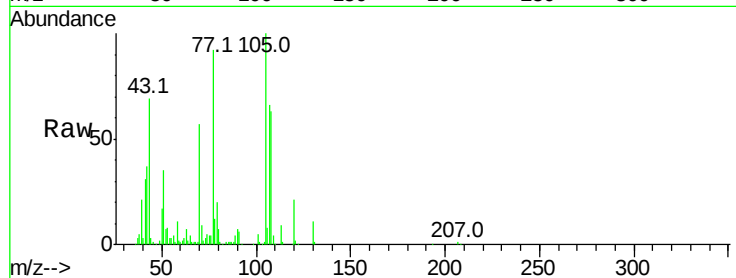




#19
n-Nitroso-di-n-propylamine
Concen: 28.148 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

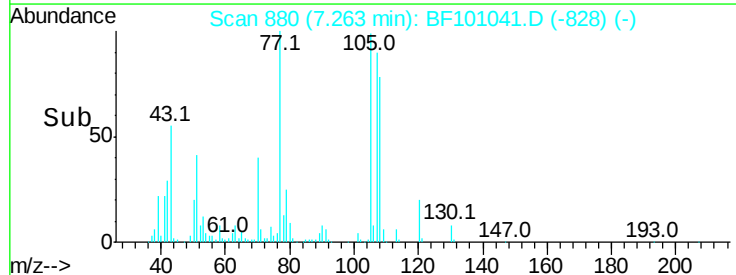
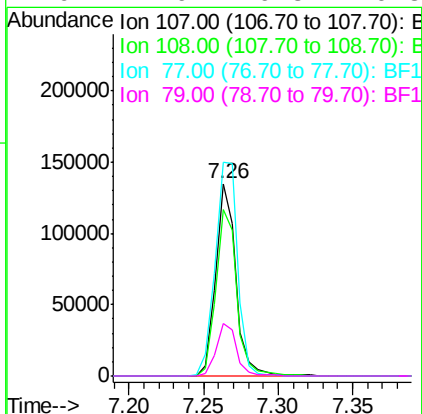
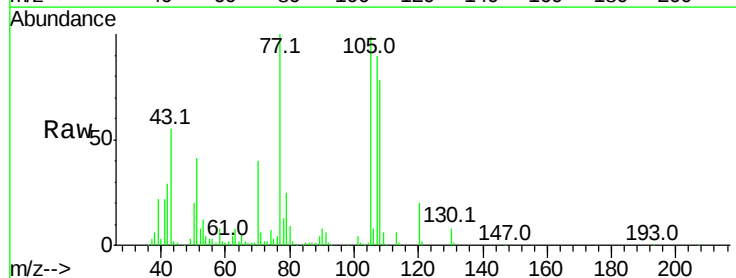
Instrument :
BNA_F
ClientSampleId :

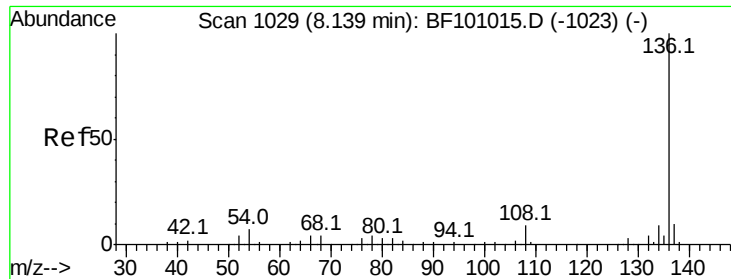
Tot Ion:	70	Resp:	84669
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	9.5	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.235 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:	107	Resp:	127716
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	111.1	26.7	66.7#
79	27.6	6.3	46.3

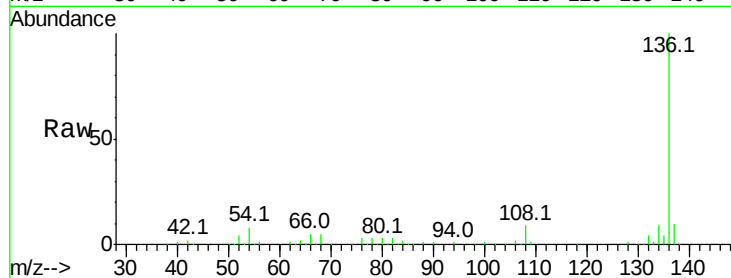




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	225543
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.7	6.6 9.8
68	4.7	5.0 7.4#



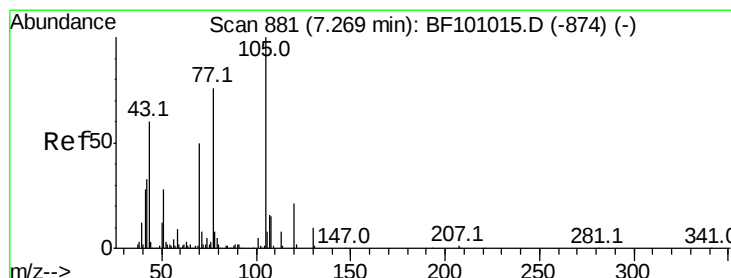
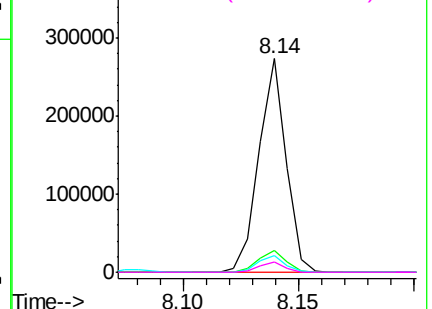
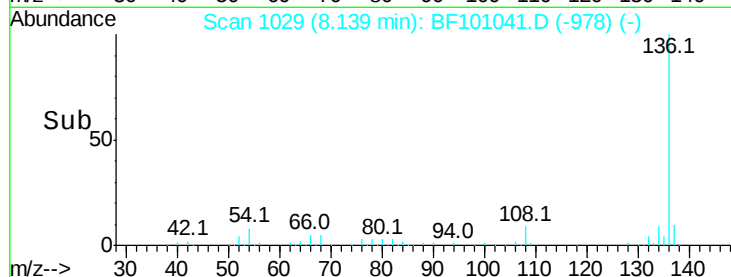
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

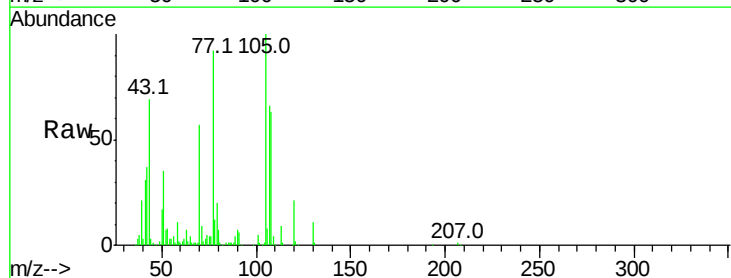
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 30.450 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:105	Resp:	165922
Ion Ratio	Lower	Upper
105	100	
71	9.0	4.4 6.6#
51	34.9	22.3 33.5#
120	21.4	16.9 25.3



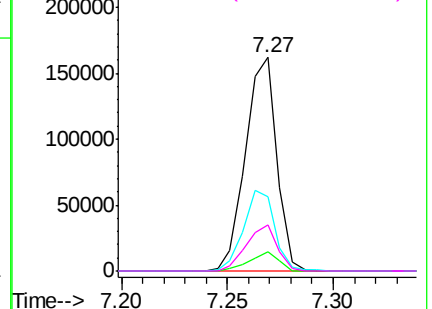
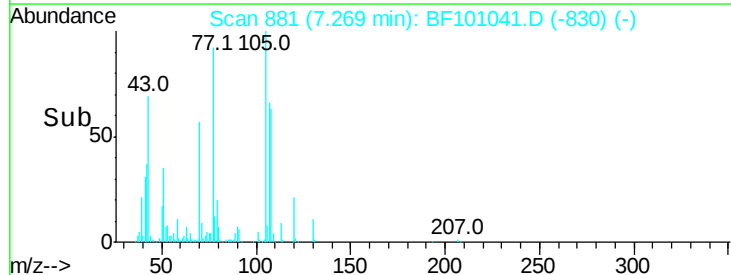
Abundance

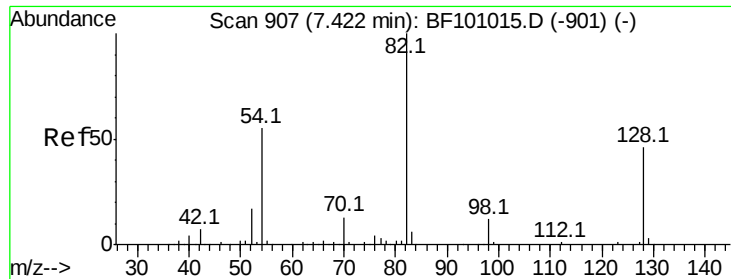
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

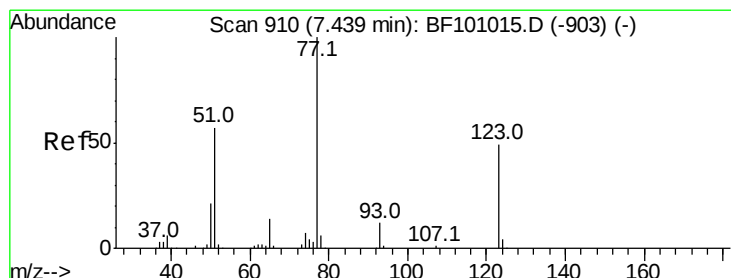
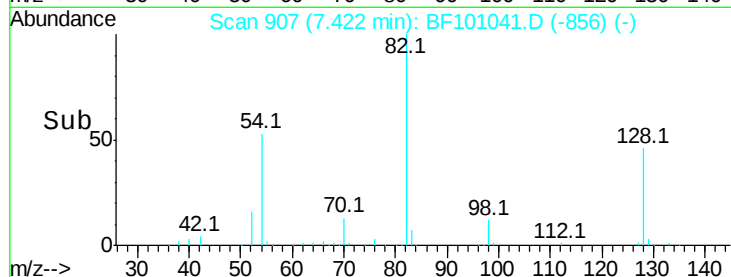
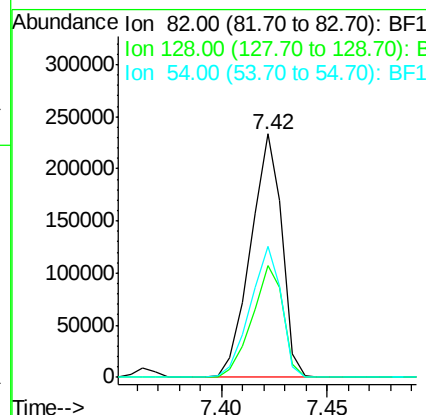
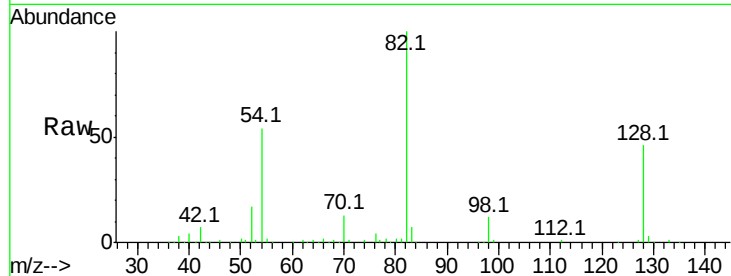




#23
Nitrobenzene-d5
Concen: 63.309 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

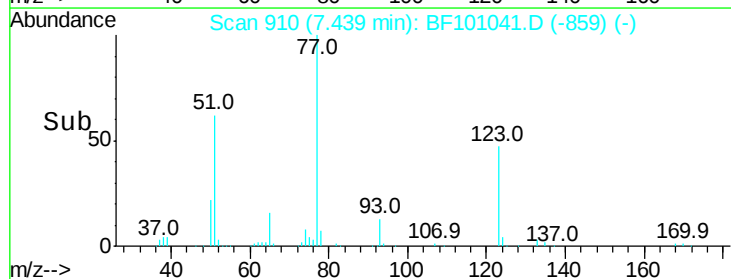
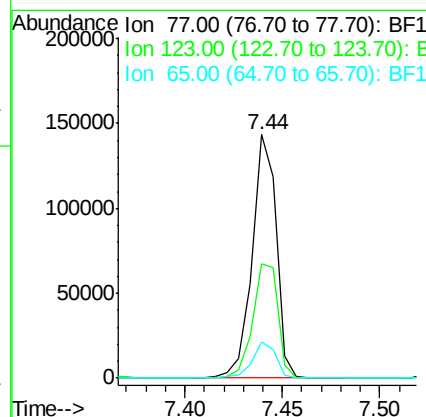
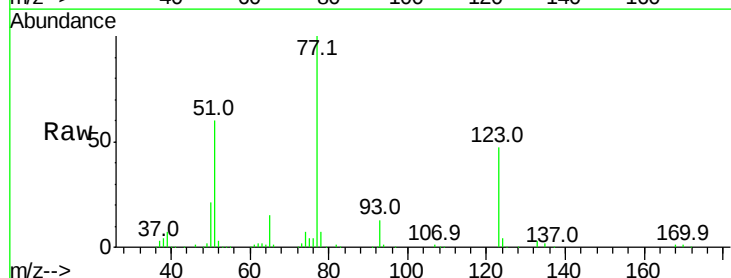
Instrument :
BNA_F
ClientSampled :

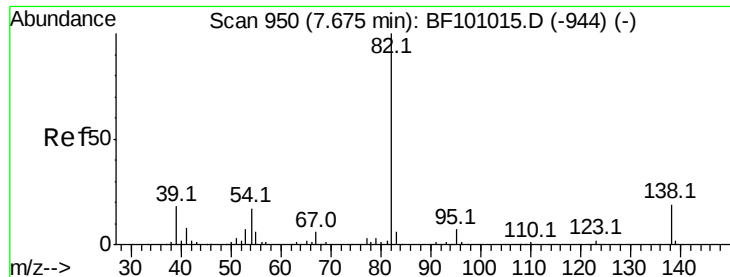
Tot Ion	82	Resp	239366
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	53.7	41.4	62.2



#24
Nitrobenzene
Concen: 33.233 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion	77	Resp	123148
Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 34.750 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

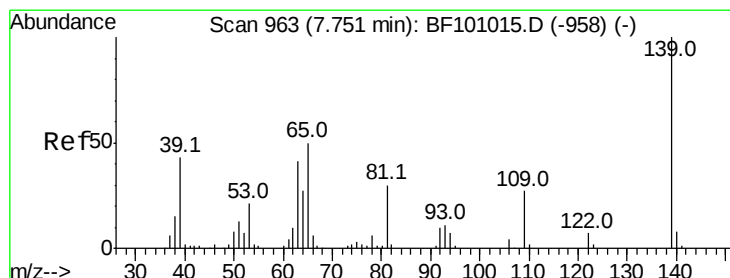
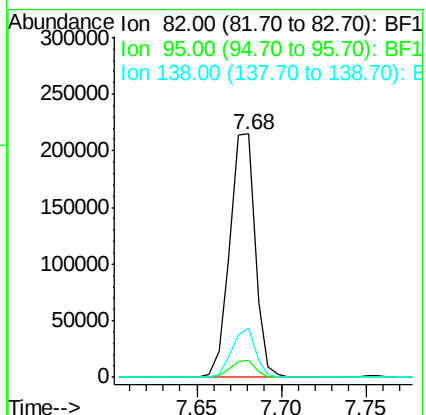
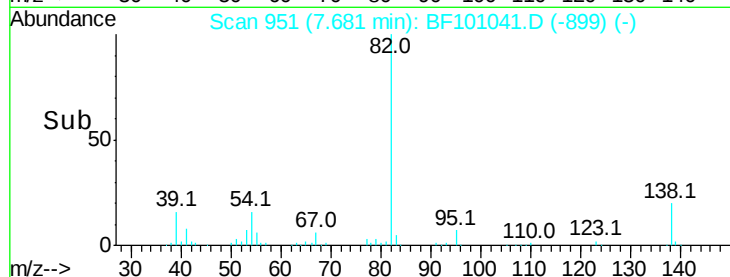
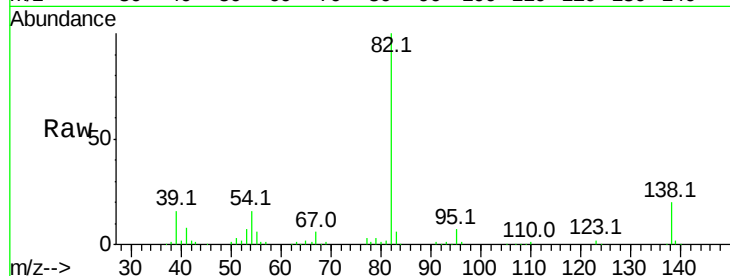
Tot Ion: 82 Resp: 224423

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 28.558 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

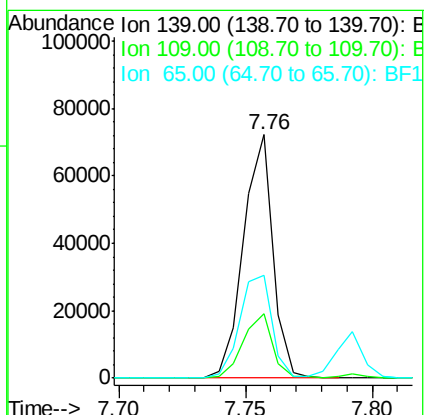
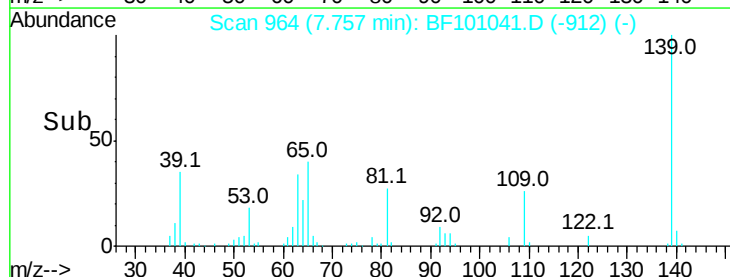
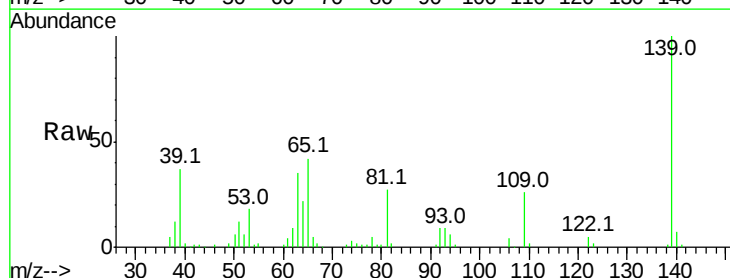
Tgt Ion:139 Resp: 58093

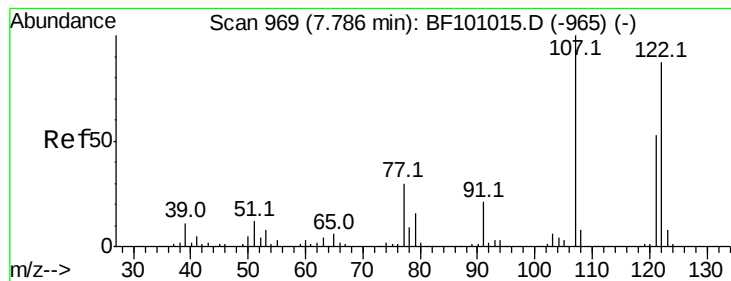
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 42.3 40.5 60.7

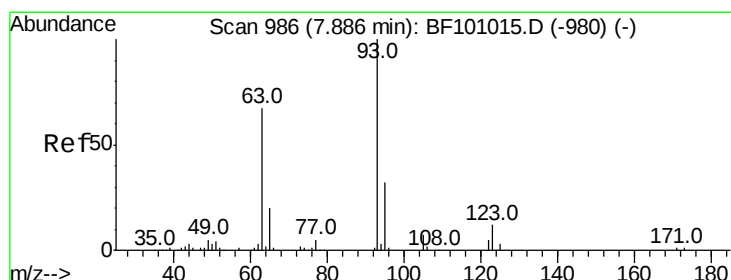
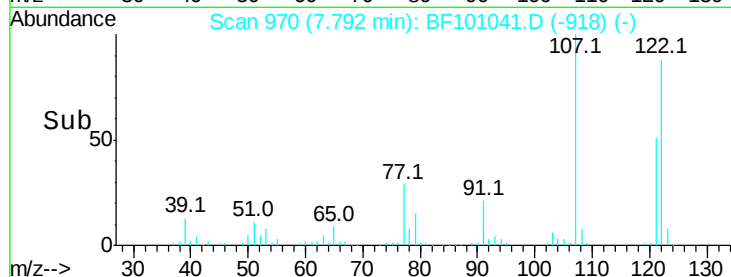
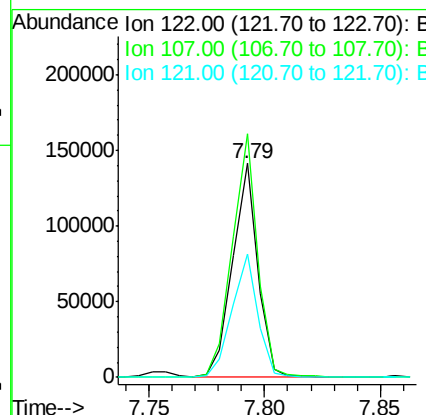
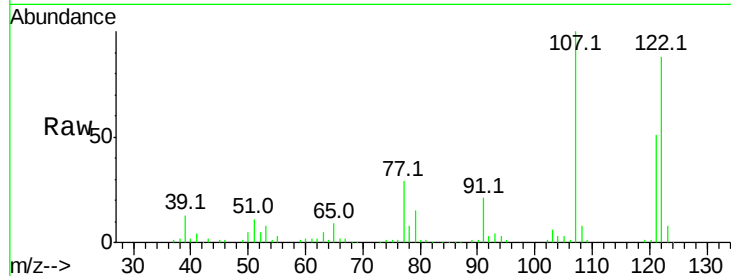




#27
 2,4-Dimethylphenol
 Concen: 36.677 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

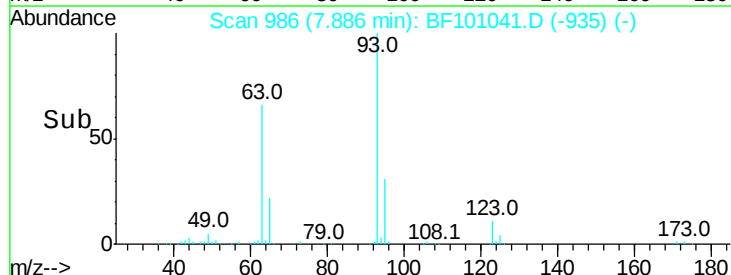
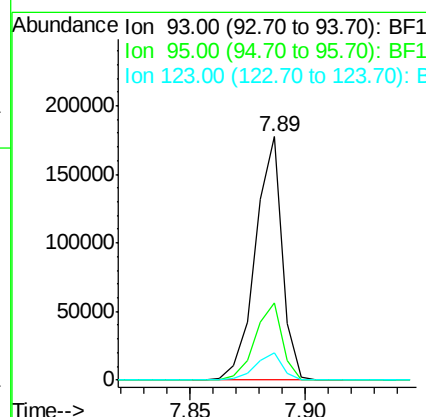
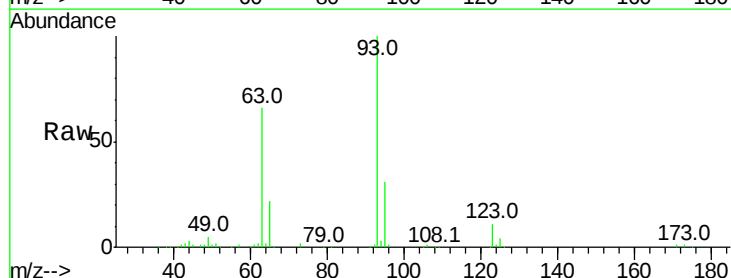
Instrument :
 BNA_F
 ClientSampleId :

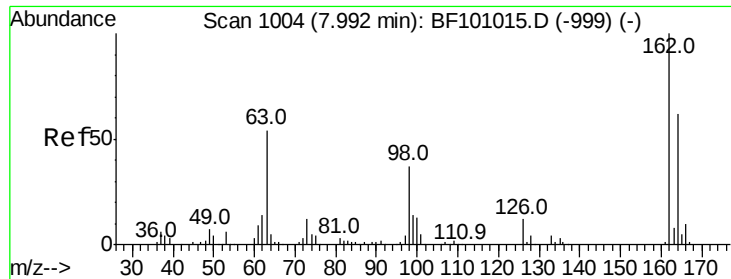
Tot Ion:122 Resp: 107928
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 57.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.035 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion: 93 Resp: 143392
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.3 39.5
 123 11.3 9.8 14.6

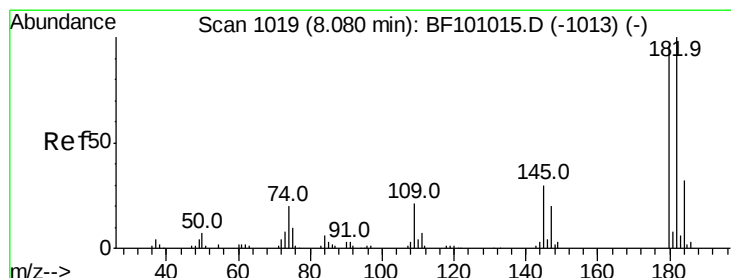
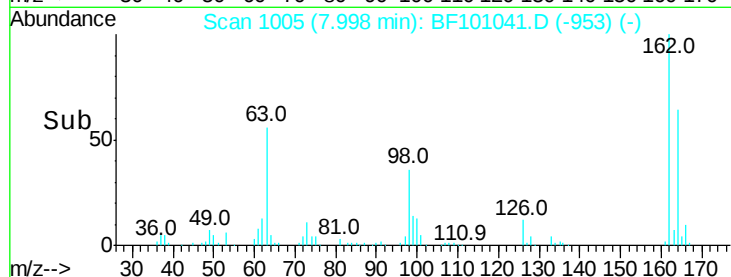
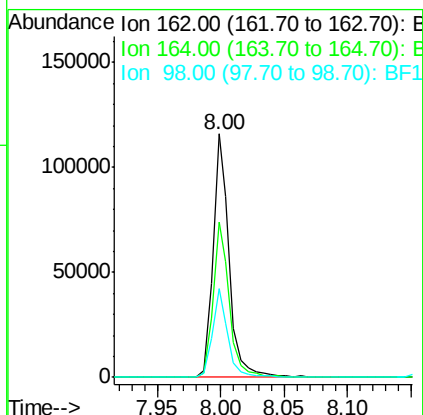
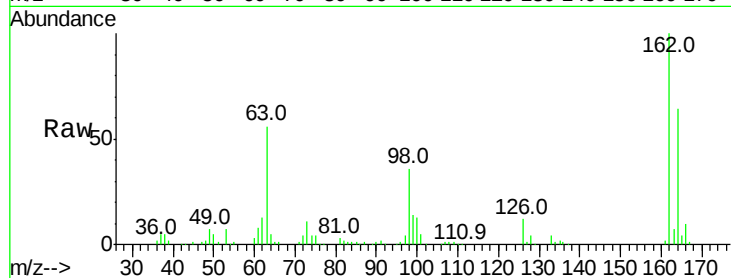




#29
 2,4-Dichlorophenol
 Concen: 32.635 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

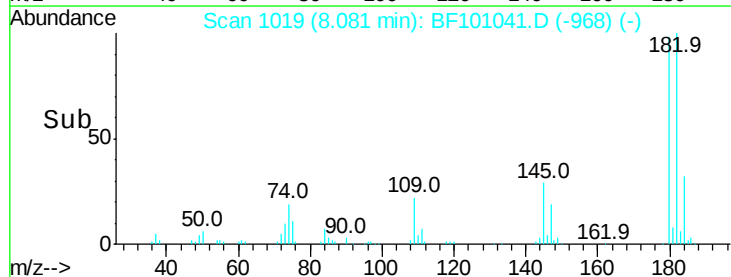
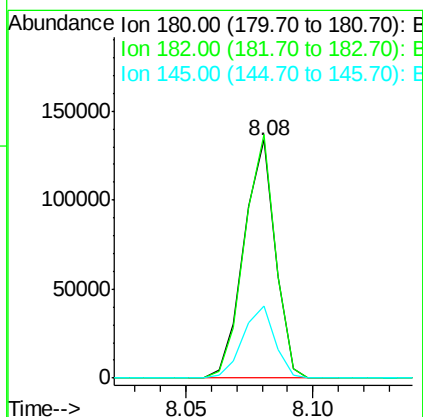
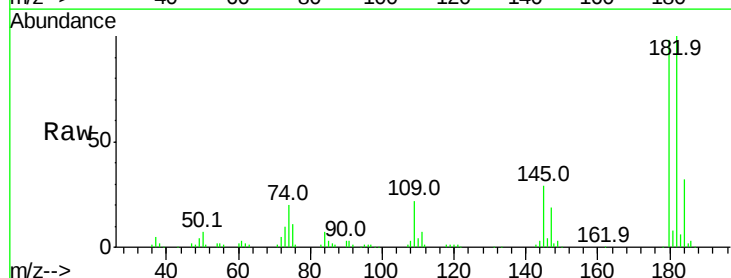
Instrument :
 BNA_F
 ClientSampleId :

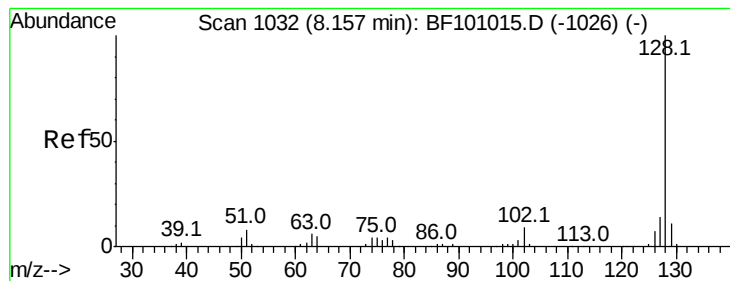
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	36.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.769 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.3	76.8	115.2
145	30.1	26.5	39.7





#31

Naphthalene

Concen: 31.614 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampled :

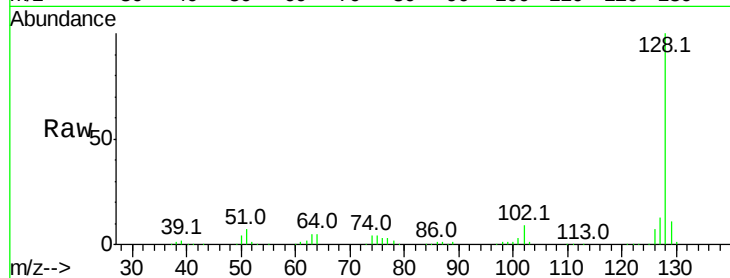
Tot Ion:128 Resp: 351415

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

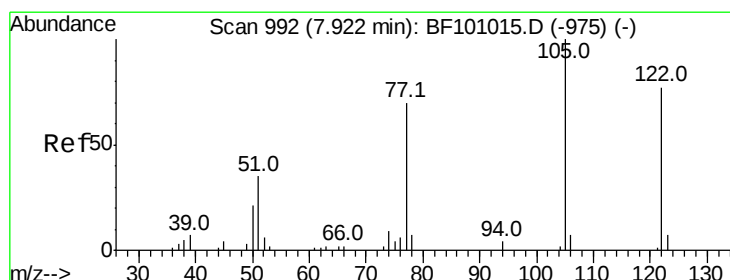
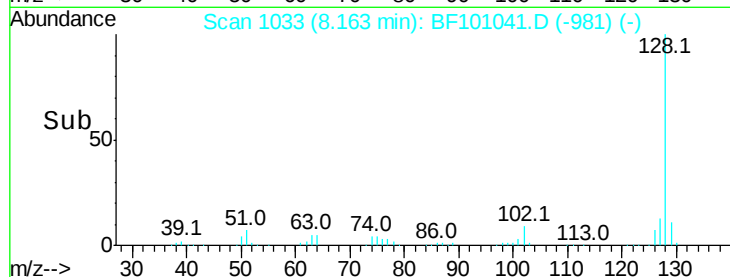
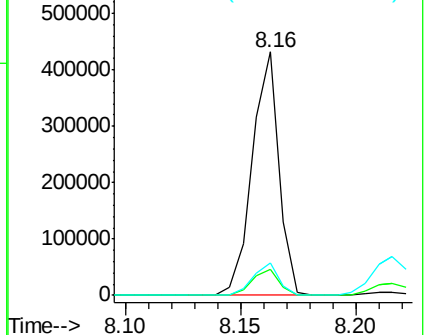
127 13.3 10.9 16.3



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: 47.157 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.13 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

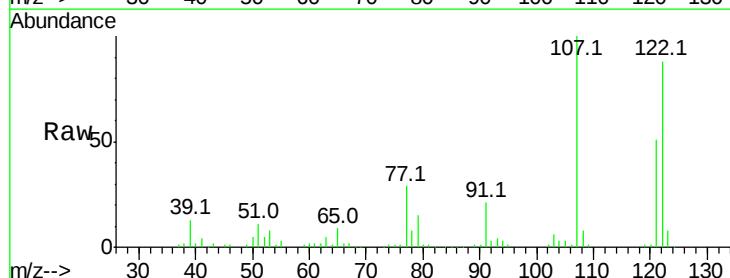
Tgt Ion:122 Resp: 107928

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

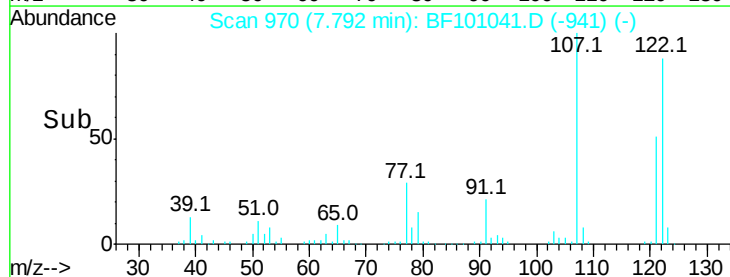
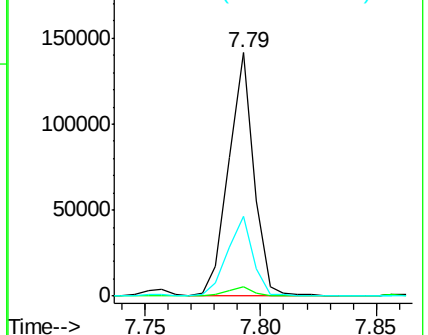
77 32.6 70.7 110.7#

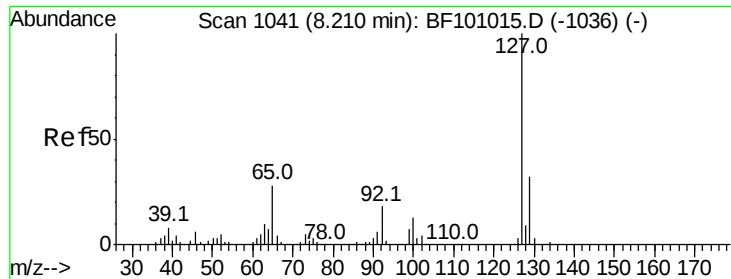


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

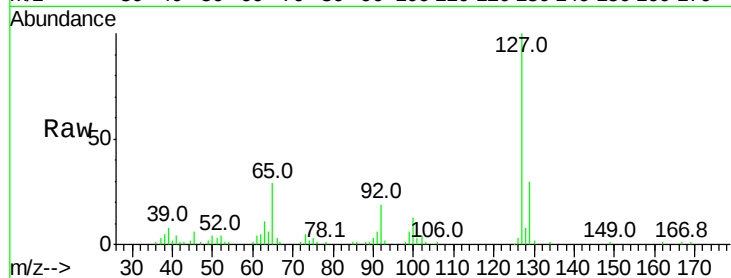




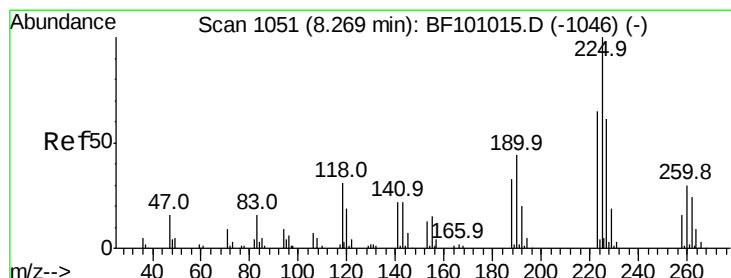
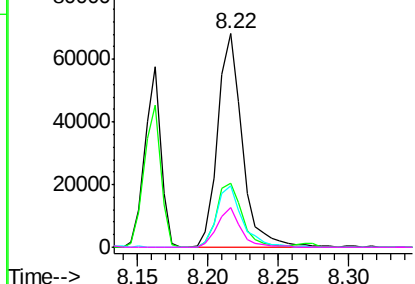
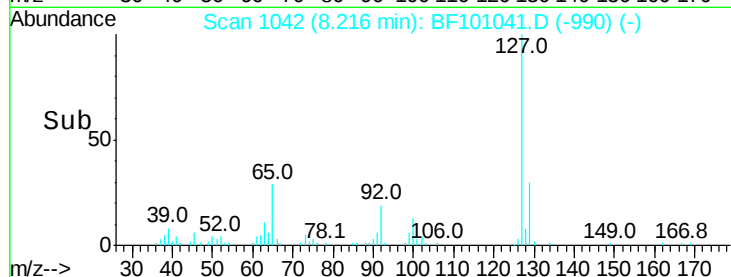
#33
4-Chloroaniline
Concen: 18.528 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 82754
Ion Ratio Lower Upper
127 100
129 30.3 25.9 38.9
65 29.0 25.0 37.4
92 18.5 15.2 22.8

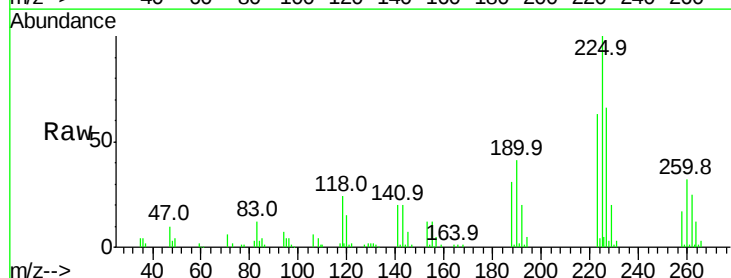


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

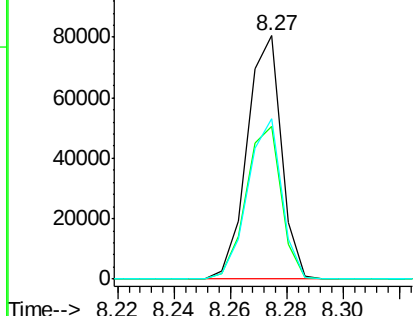
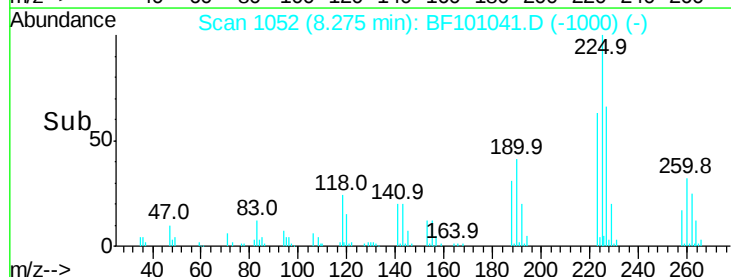


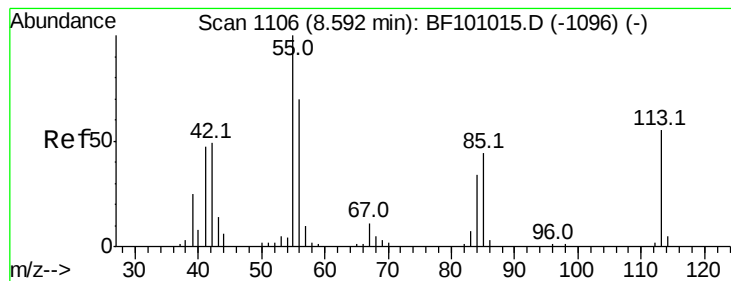
#34
Hexachlorobutadiene
Concen: 31.343 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:225 Resp: 67708
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 65.9 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





#35

Caprolactam

Concen: 28.455 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampled :

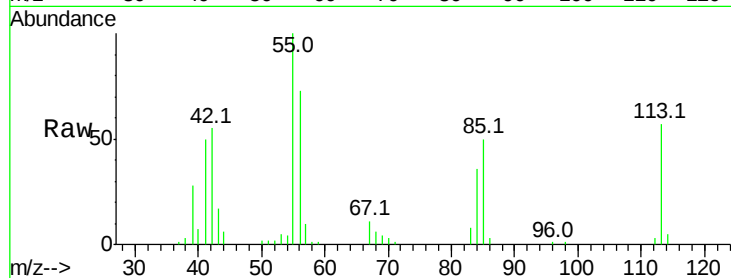
Tot Ion:113 Resp: 28404

Ion Ratio Lower Upper

113 100

55 175.5 163.3 203.3

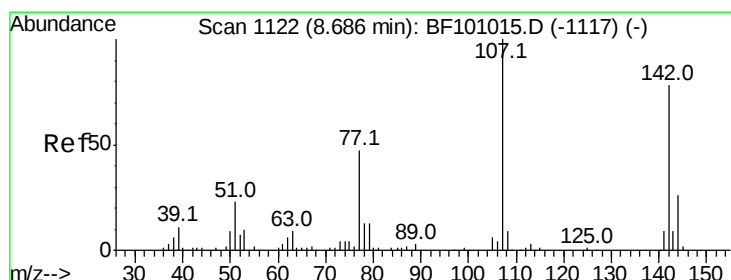
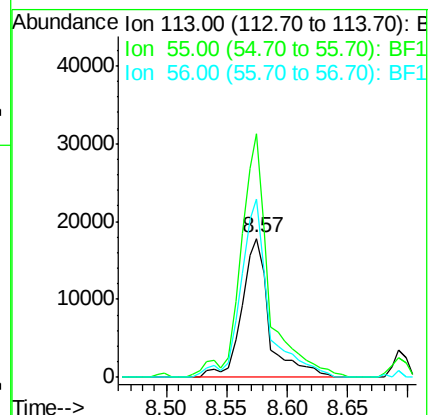
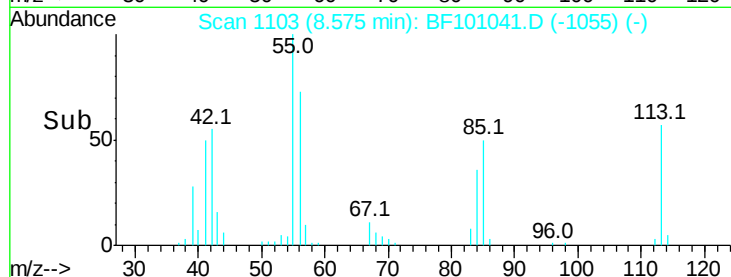
56 128.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.352 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

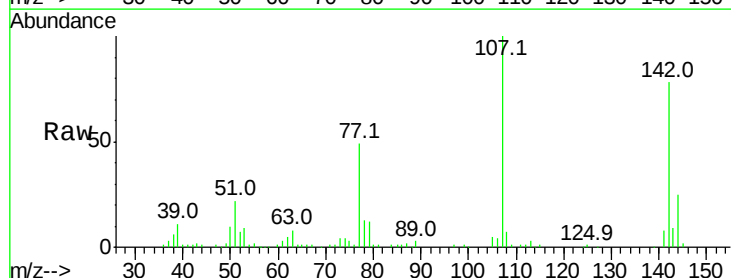
Tgt Ion:107 Resp: 97387

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

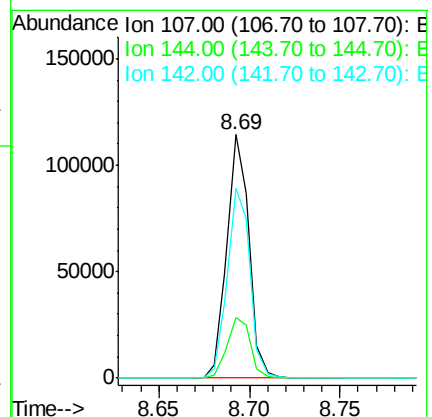
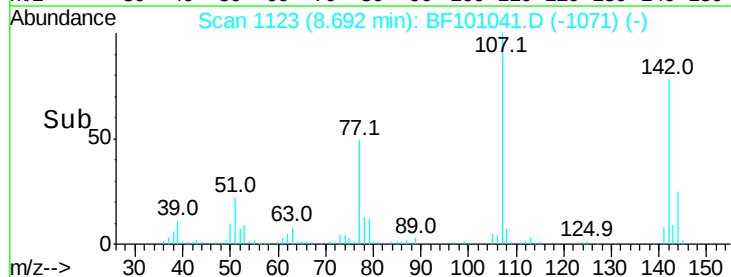
142 78.0 62.0 93.0

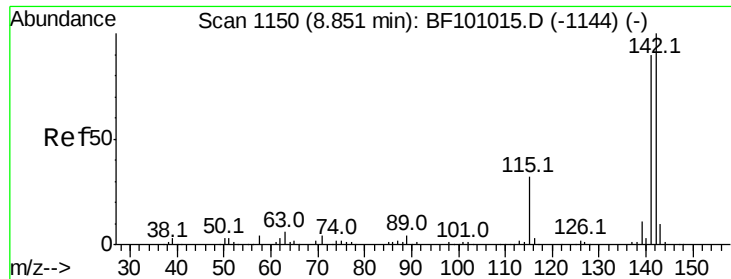


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

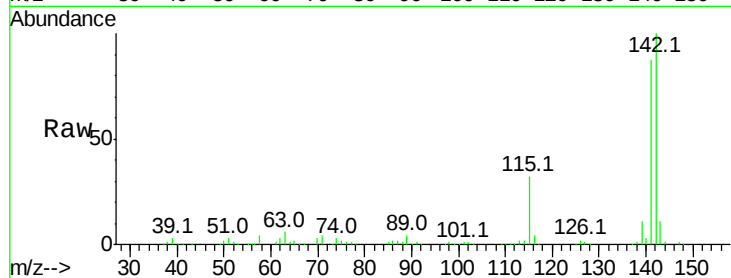




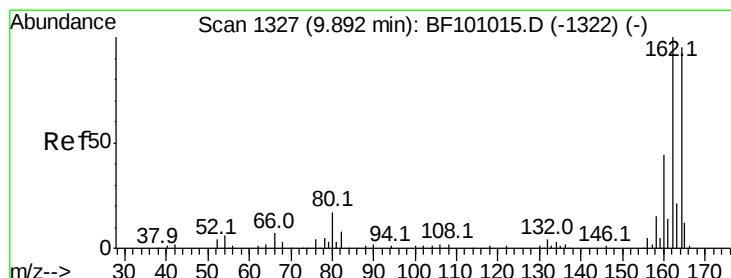
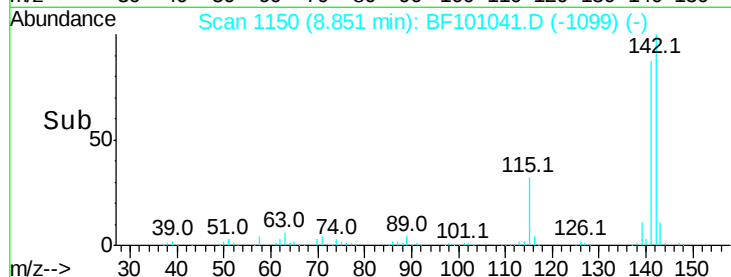
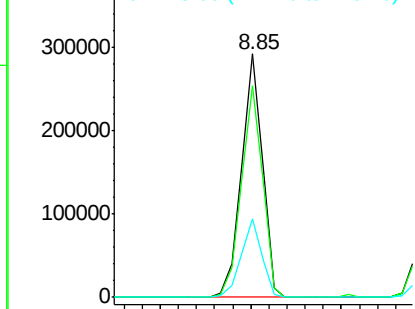
#37
2-Methylnaphthalene
Concen: 30.807 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.8	106.2
115	32.0	26.1	39.1

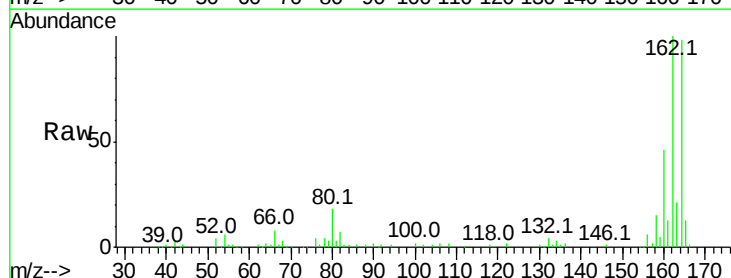


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

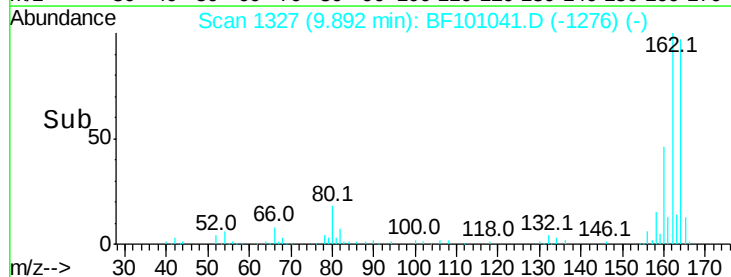
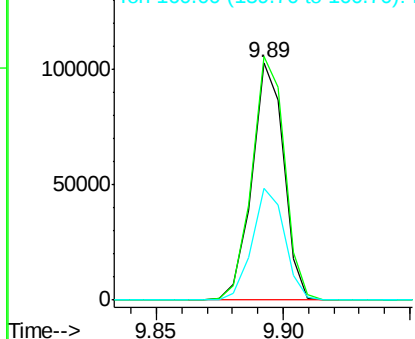


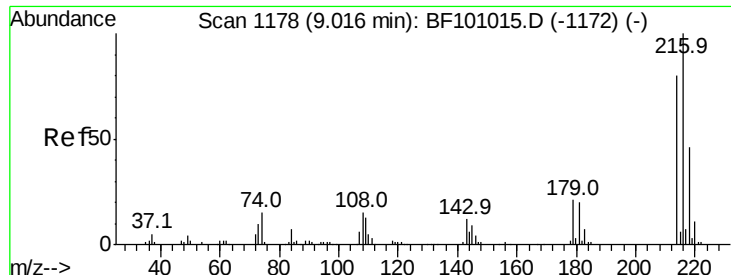
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.8	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

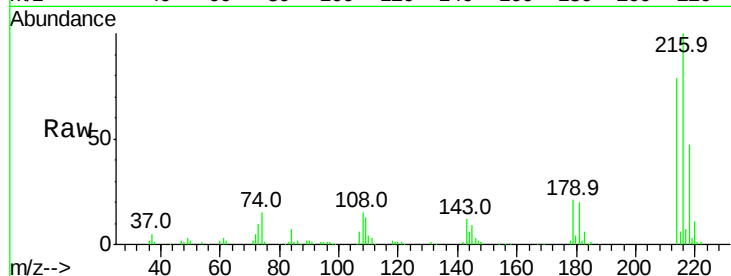




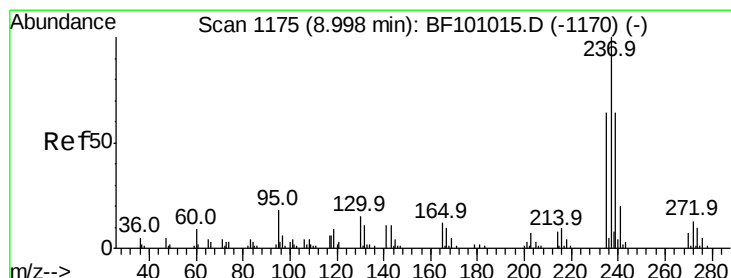
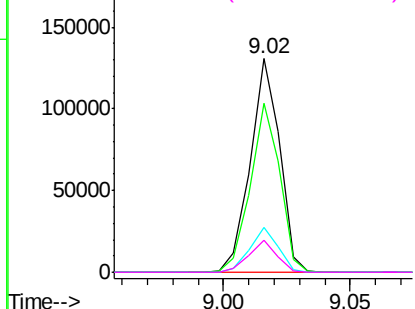
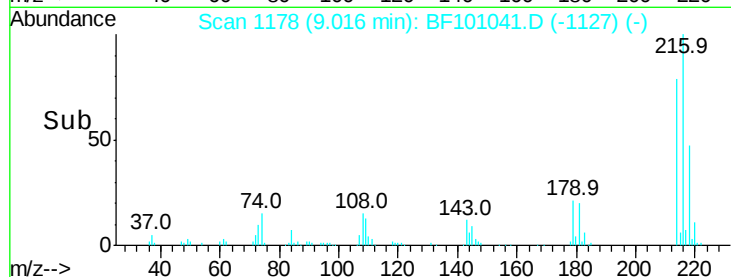
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.423 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	105763
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	20.4	18.1	27.1
108	14.4	17.2	25.8#

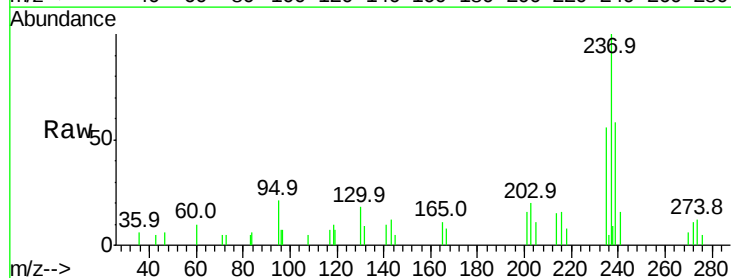


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

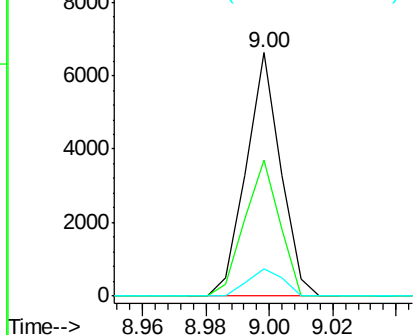
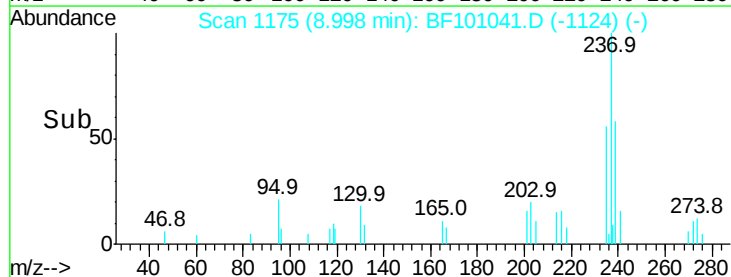


#40
 Hexachlorocyclopentadiene
 Concen: 9.808 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:	237	Resp:	5000
Ion Ratio	Lower	Upper	
237	100		
235	55.8	44.8	84.8
272	11.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 72.675 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

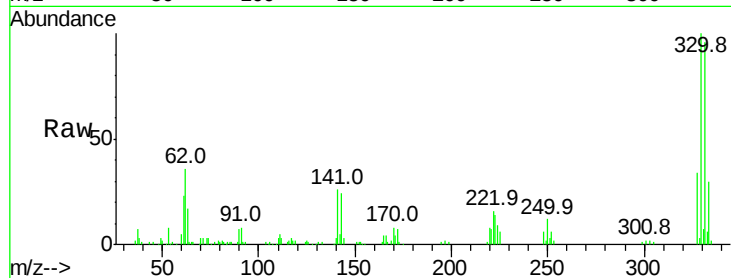
Tot Ion:330 Resp: 78392

Ion Ratio Lower Upper

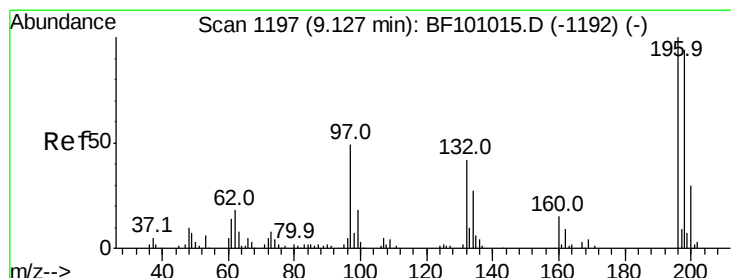
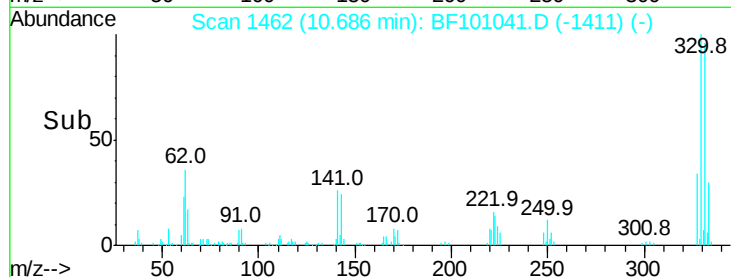
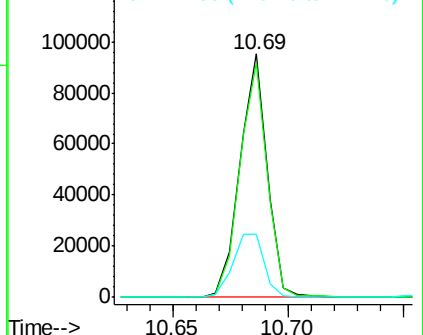
330 100

332 97.2 77.0 115.6

141 29.8 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.371 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

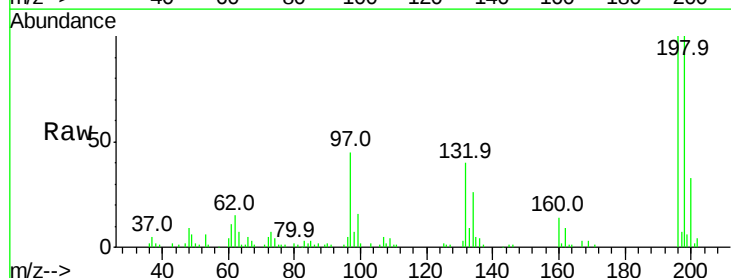
Tgt Ion:196 Resp: 67636

Ion Ratio Lower Upper

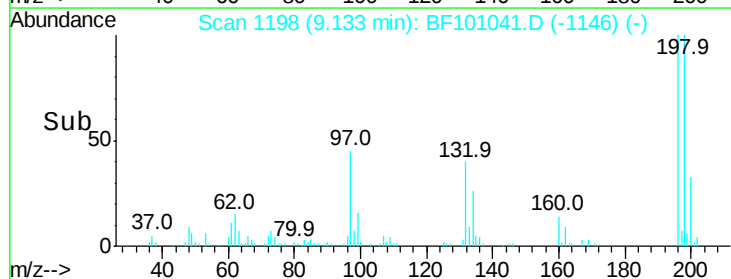
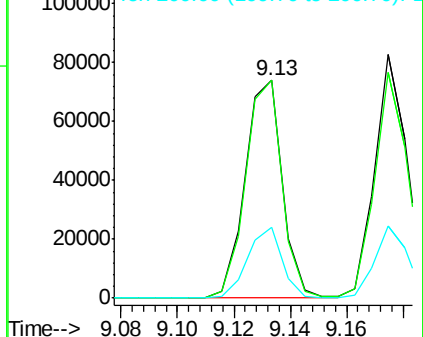
196 100

198 99.8 75.7 113.5

200 32.5 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

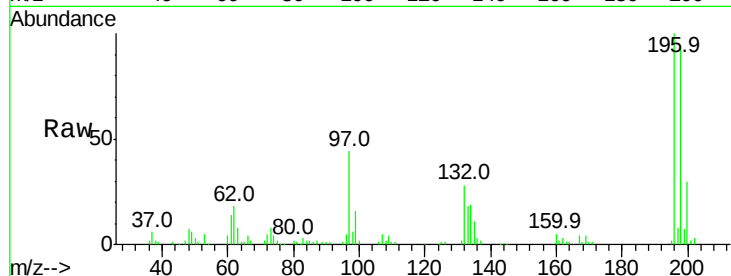




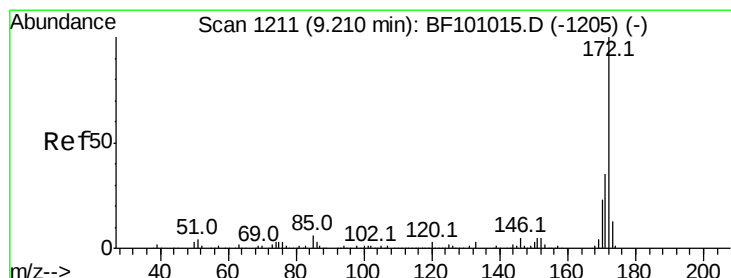
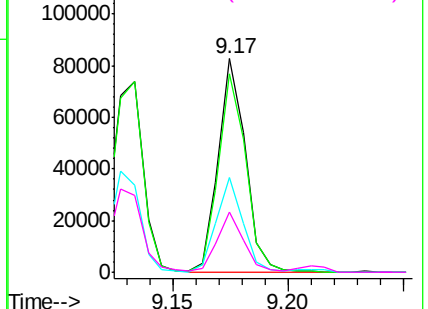
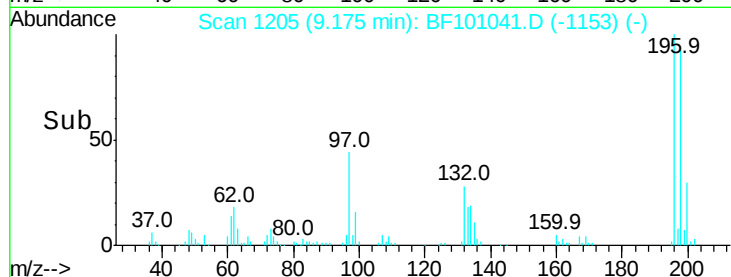
#43
2,4,5-Trichlorophenol
Concen: 33.004 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 67470
Ion Ratio Lower Upper
196 100
198 92.8 74.6 112.0
97 44.3 42.9 64.3
132 28.3 26.3 39.5

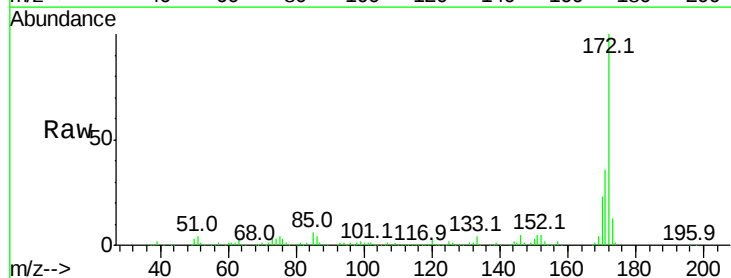


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

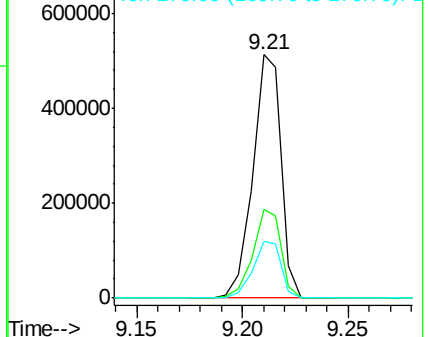
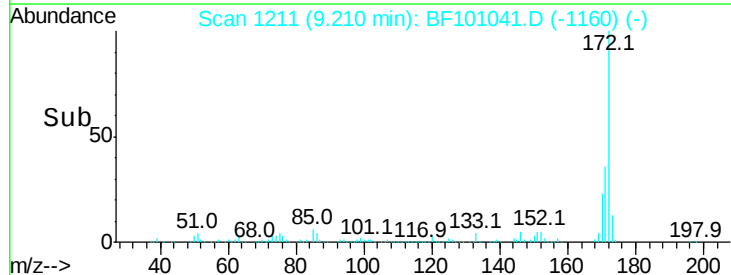


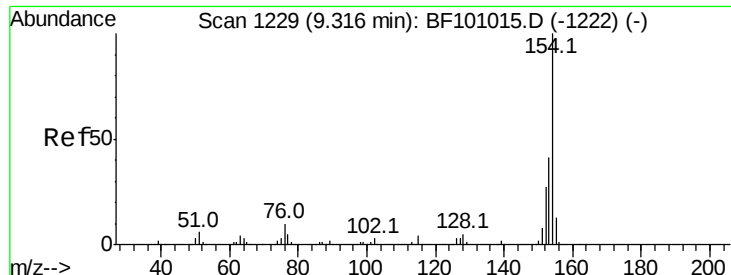
#44
2-Fluorobiphenyl
Concen: 72.764 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:172 Resp: 477543
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.5 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

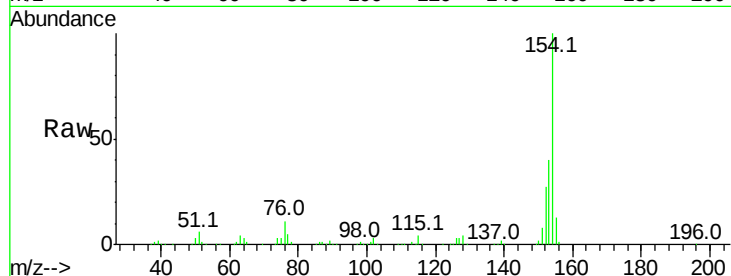




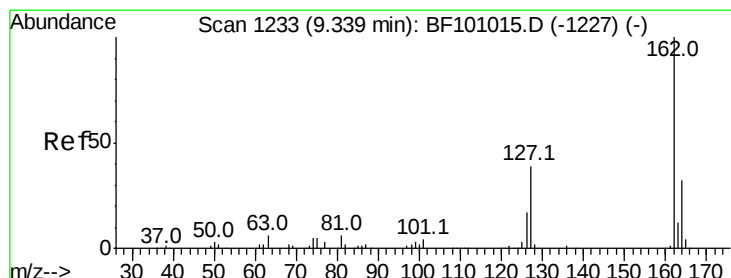
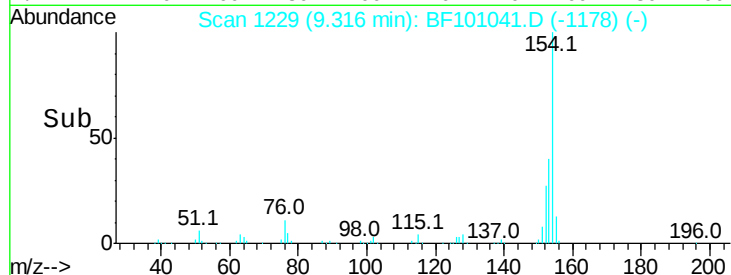
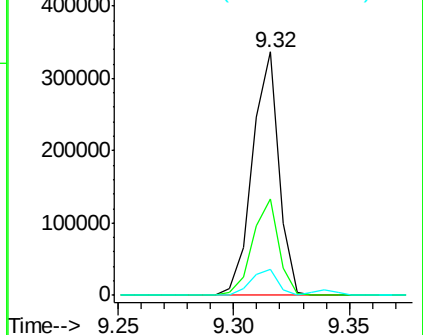
#45
 1,1'-Biphenyl
 Concen: 32.753 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	10.7	0.0	34.0

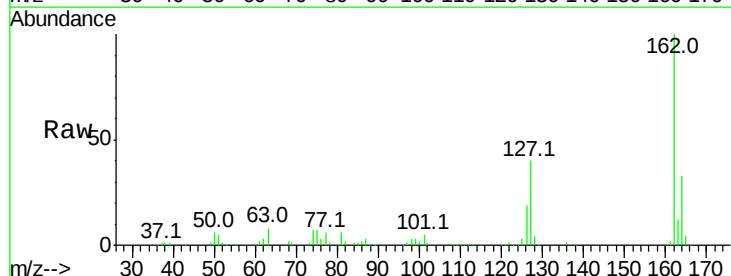


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

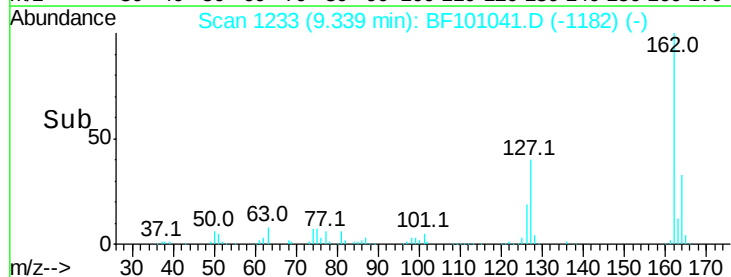
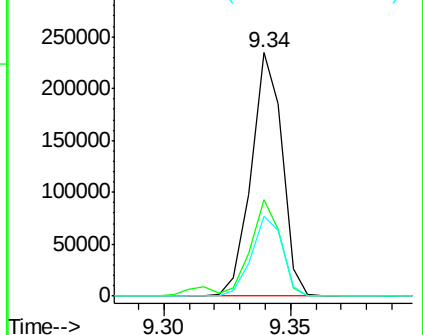


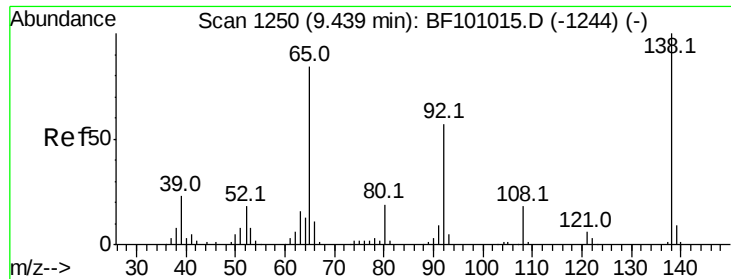
#46
 2-Chloronaphthalene
 Concen: 34.109 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	32.8	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

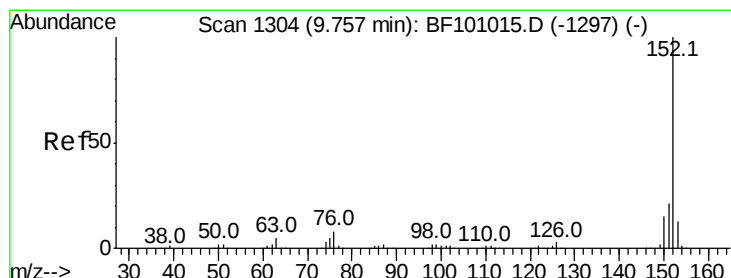
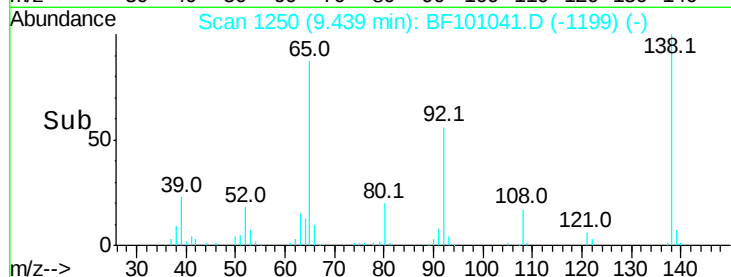
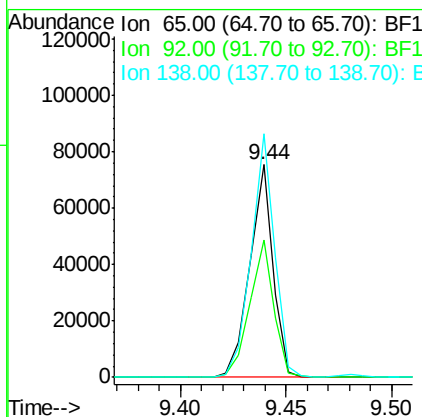
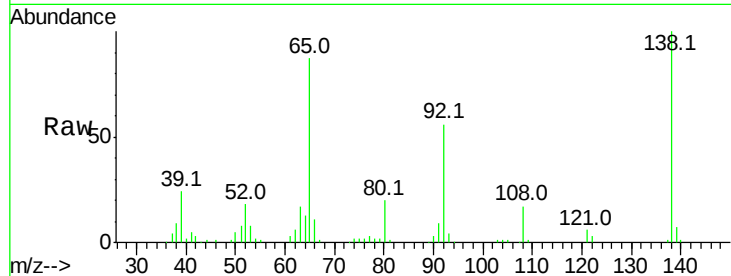




#47
 2-Nitroaniline
 Concen: 33.597 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

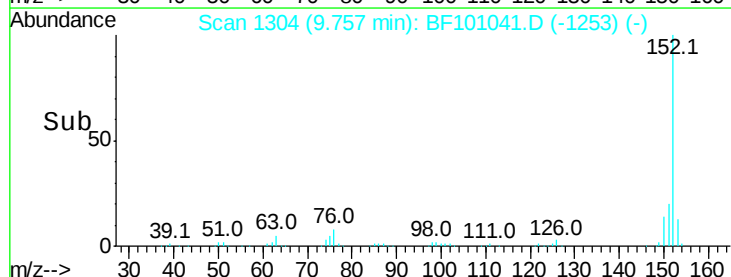
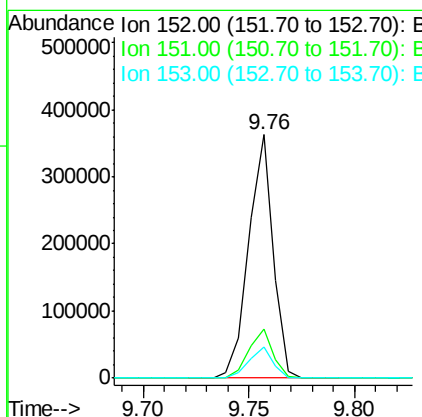
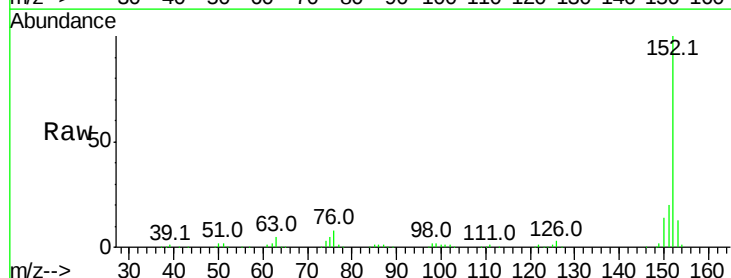
Instrument :
 BNA_F
 ClientSampled :

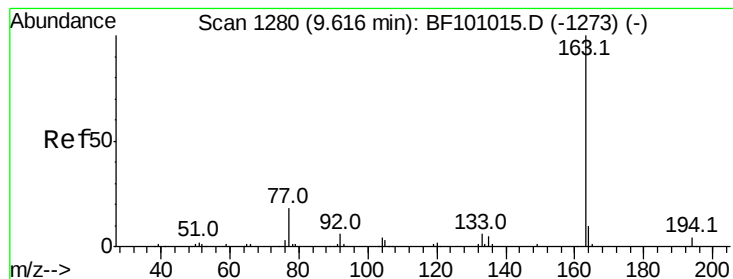
Tot Ion: 65 Resp: 58076
 Ion Ratio Lower Upper
 65 100
 92 64.3 55.8 83.6
 138 114.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.378 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:152 Resp: 291680
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 36.543 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

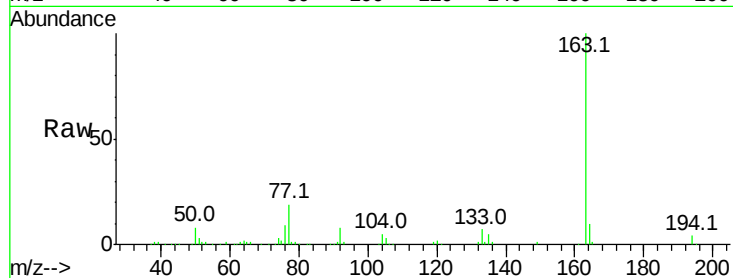
Tot Ion:163 Resp: 264632

Ion Ratio Lower Upper

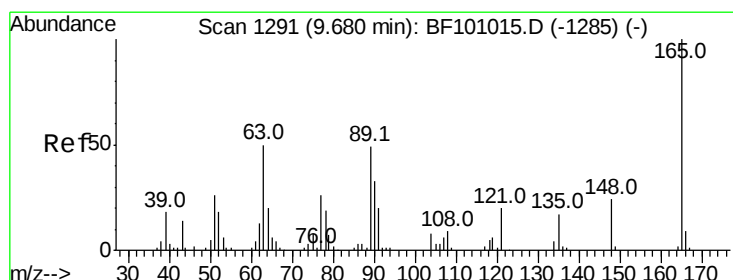
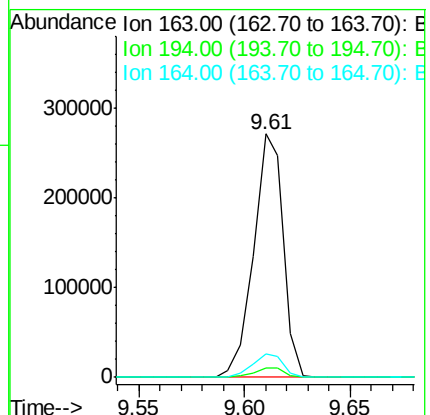
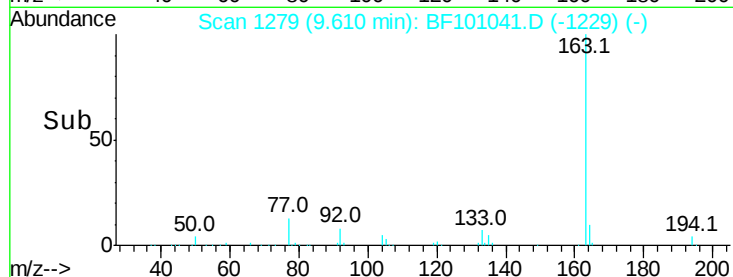
163 100

194 3.6 2.7 4.1

164 9.9 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: 29.658 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

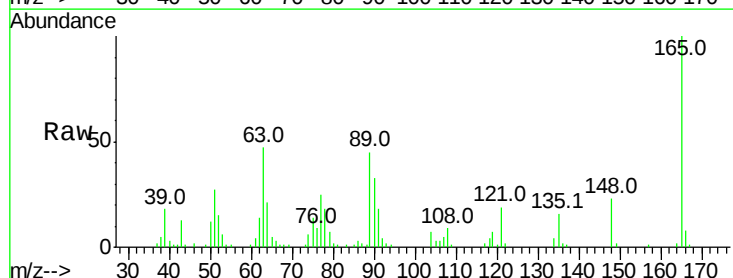
Tgt Ion:165 Resp: 45236

Ion Ratio Lower Upper

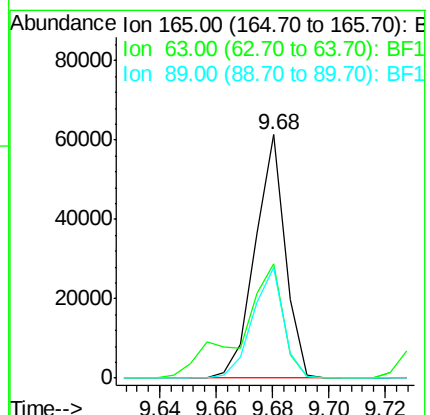
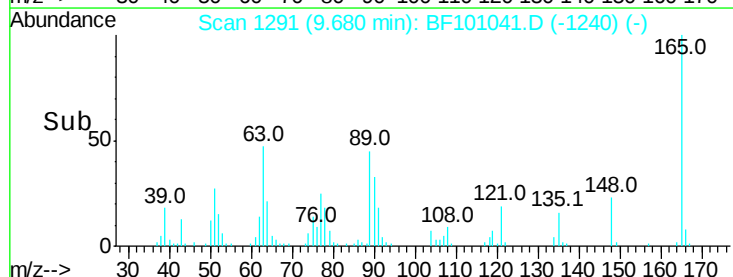
165 100

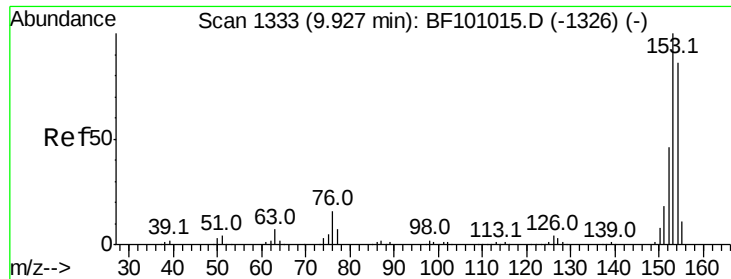
63 46.9 44.7 67.1

89 45.5 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: 29.646 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

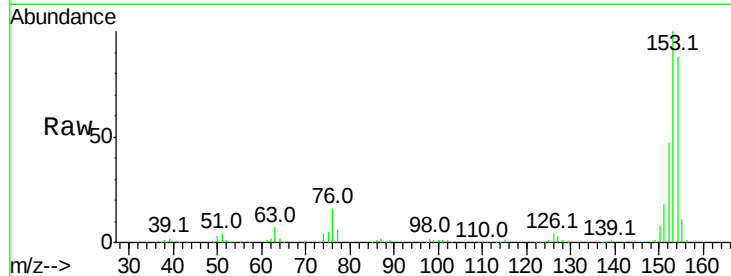
Tot Ion:154 Resp: 170446

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

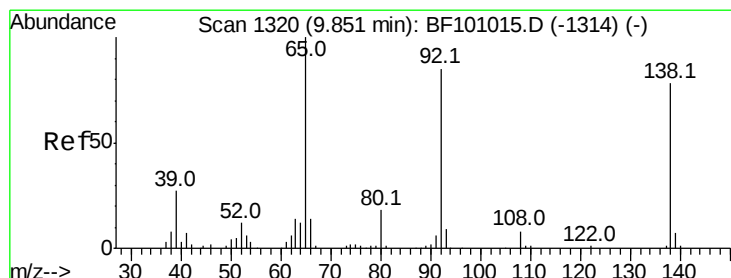
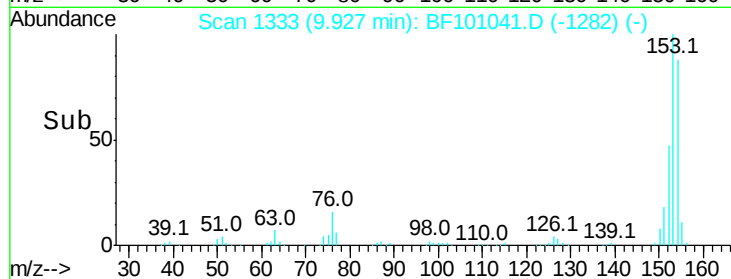
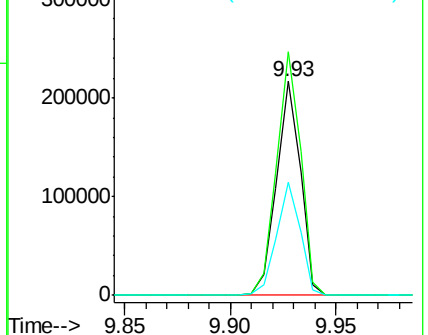
152 53.1 43.8 65.8



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: 27.089 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

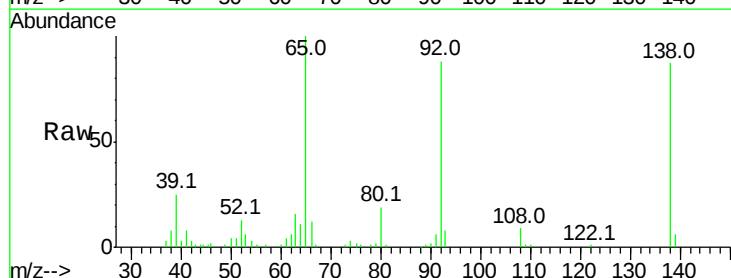
Tgt Ion:138 Resp: 46465

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

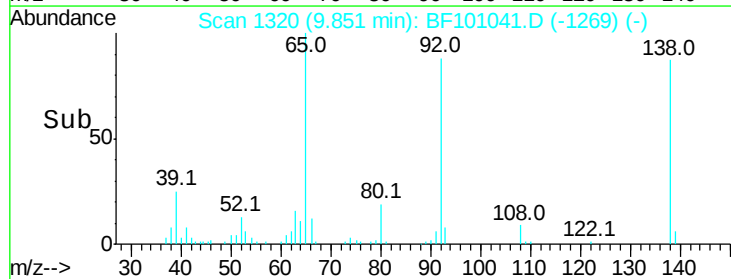
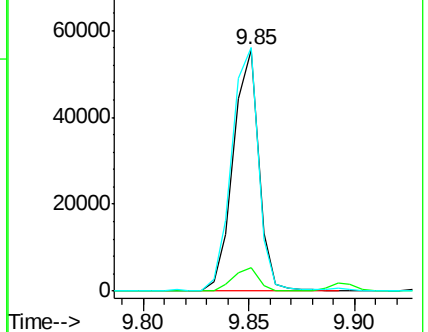
92 101.0 89.4 134.2

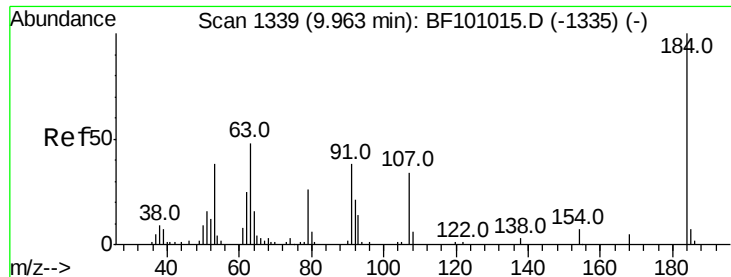


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

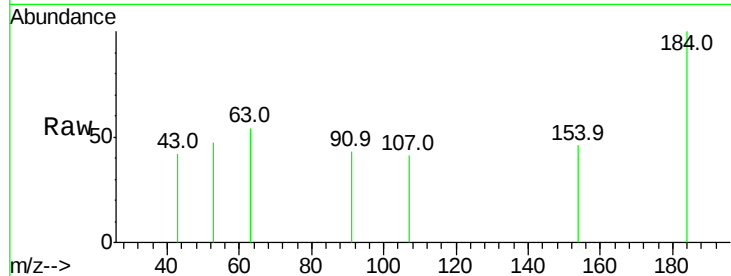




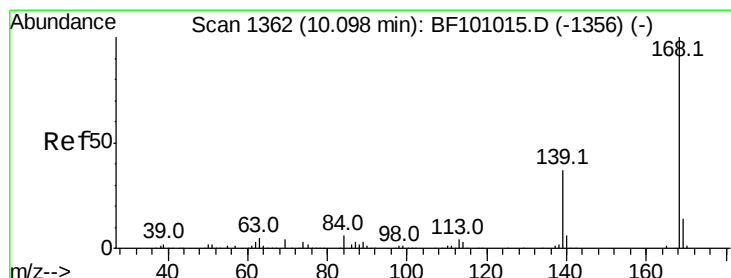
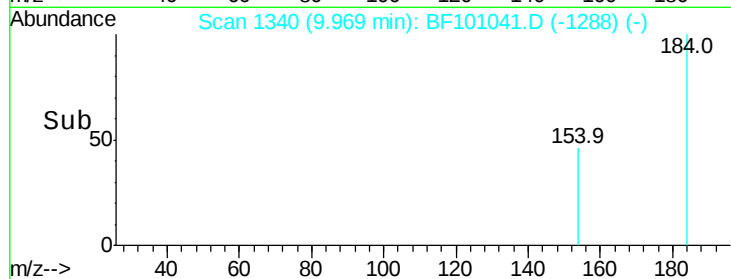
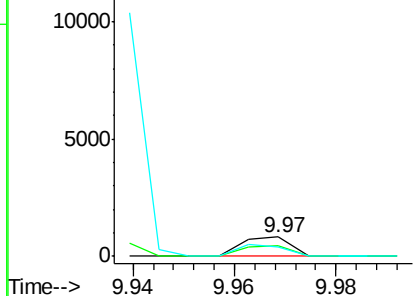
#53
 2,4-Dinitrophenol
 Concen: 5.481 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 546
 Ion Ratio Lower Upper
 184 100
 63 53.5 54.2 81.2#
 154 45.6 184.0 276.0#

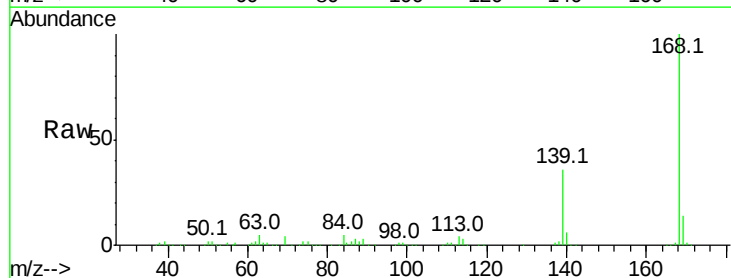


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

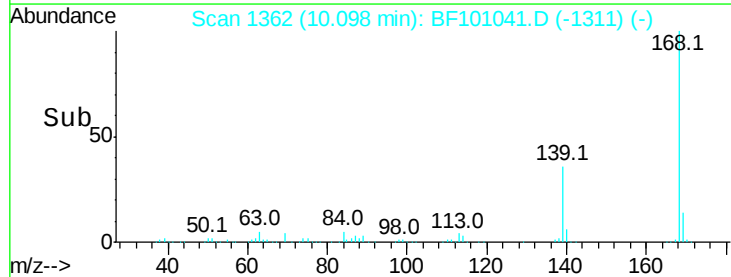
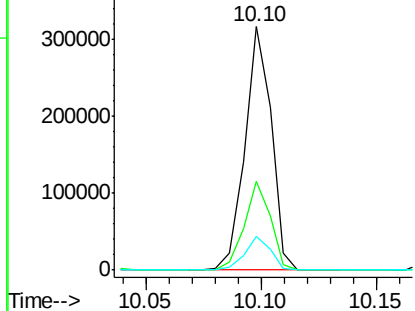


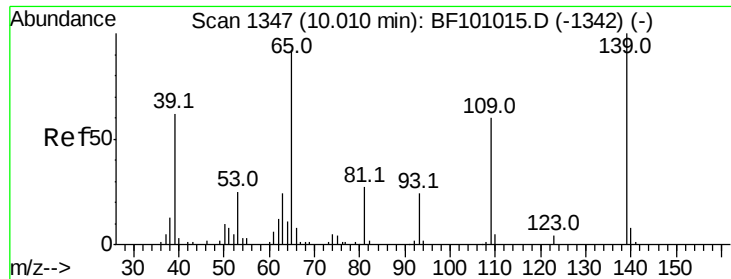
#54
 Dibenzofuran
 Concen: 30.568 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:168 Resp: 253265
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 50.916 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

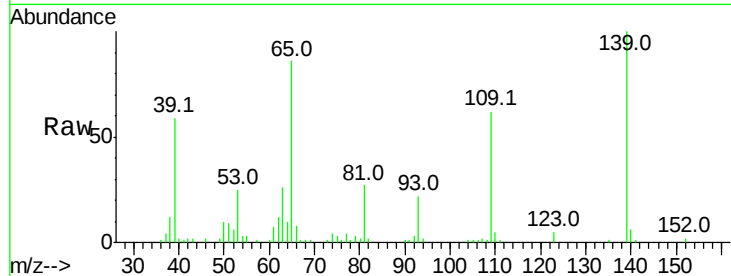
Tot Ion:139 Resp: 58898

Ion Ratio Lower Upper

139 100

109 61.8 48.4 88.4

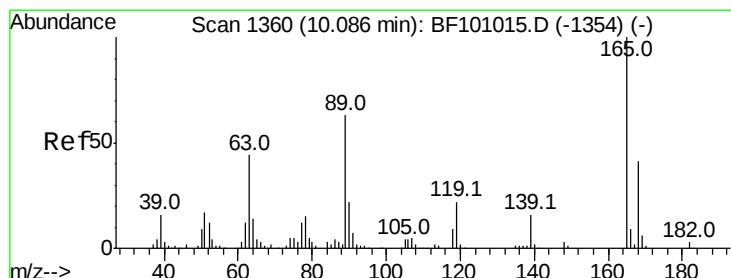
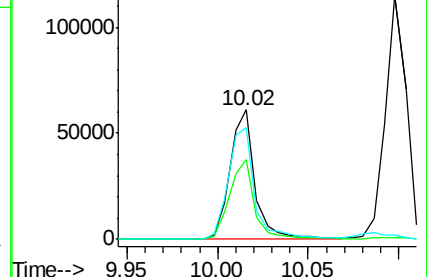
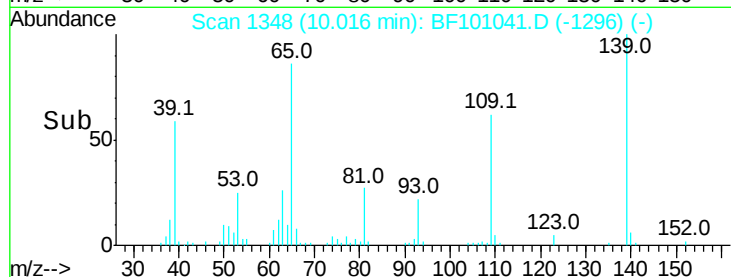
65 86.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 25.823 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Tgt Ion:165 Resp: 52785

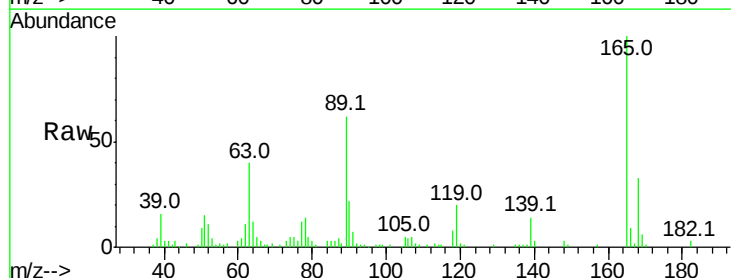
Ion Ratio Lower Upper

165 100

63 39.8 36.4 54.6

89 62.4 57.8 86.6

182 2.7 1.6 2.4#

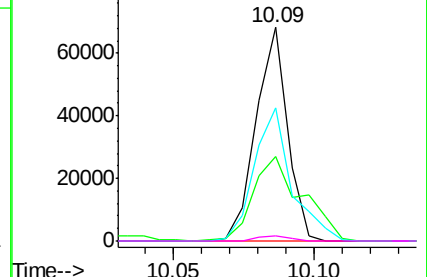
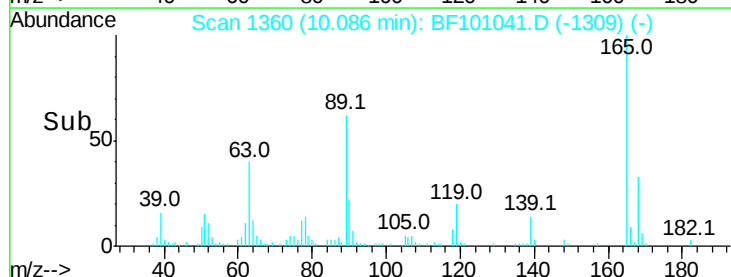


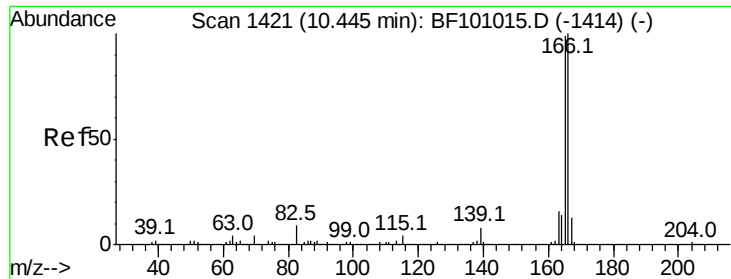
Abundance Ion 165.00 (164.70 to 165.70): E

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

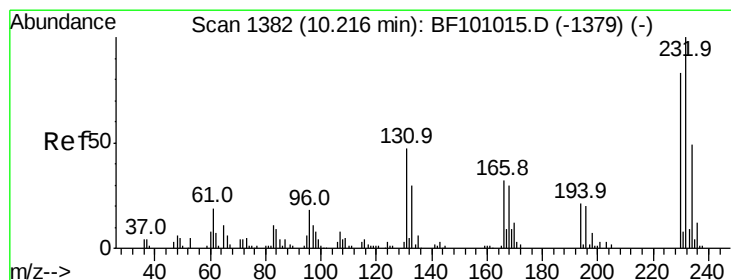
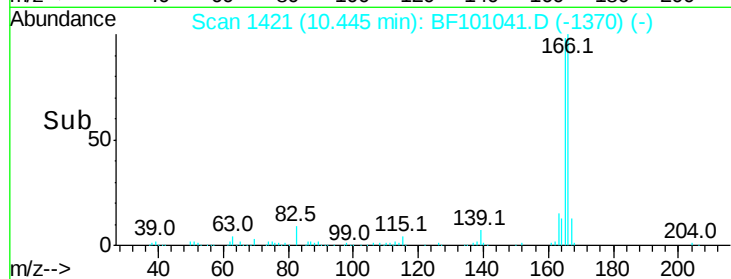
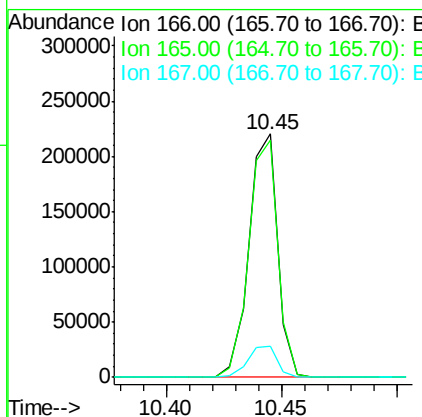
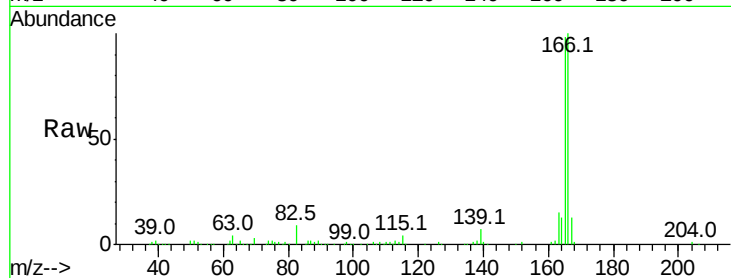




#57
 Fluorene
 Concen: 28.404 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

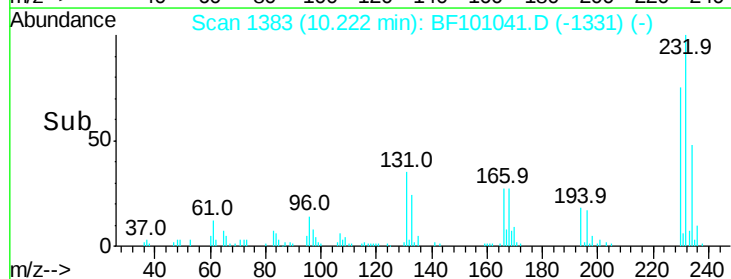
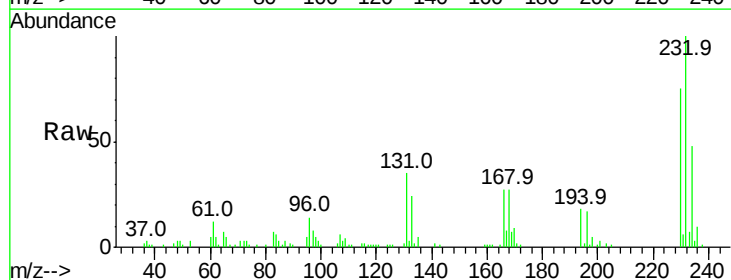
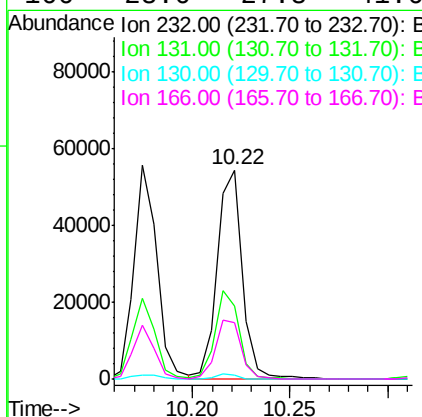
Instrument :
 BNA_F
 ClientSampleId :

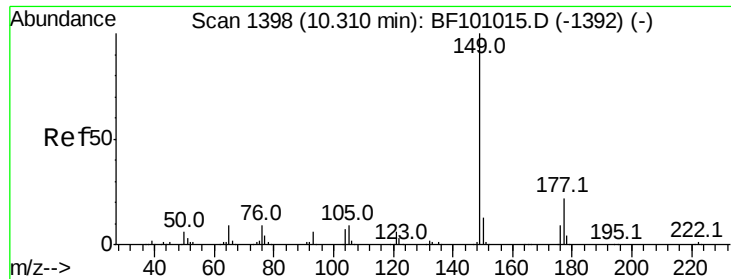
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	12.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.720 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.6	43.8	65.8#
130	2.0	2.1	3.1#
166	28.6	27.8	41.6

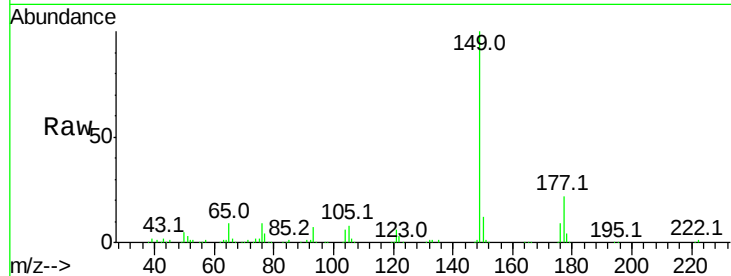




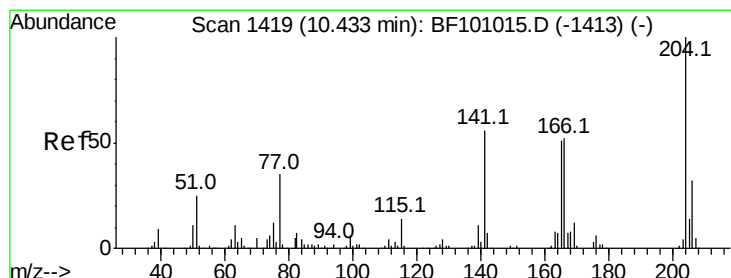
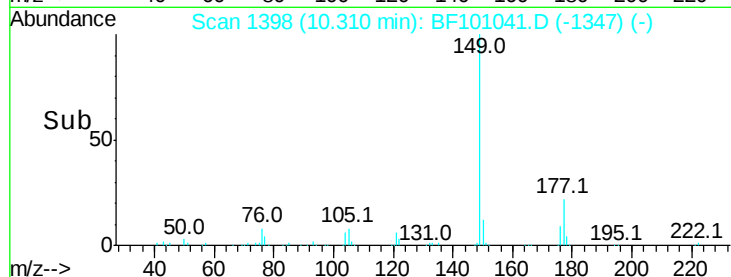
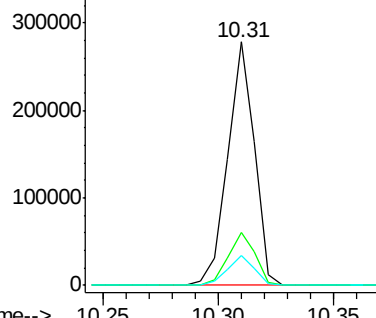
#59
Diethylphthalate
Concen: 31.348 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 223906
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.3 10.1 15.1

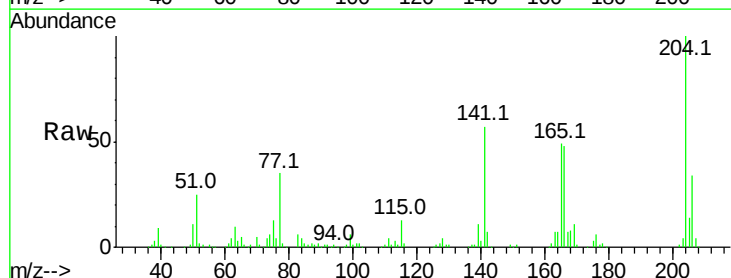


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

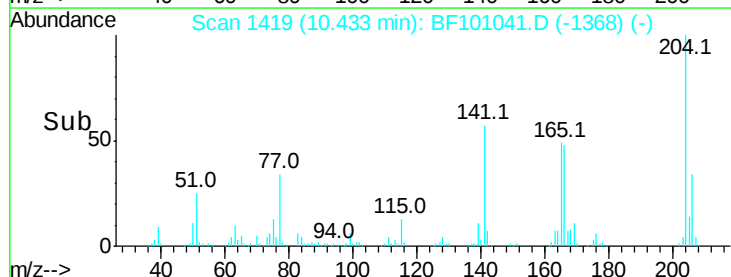
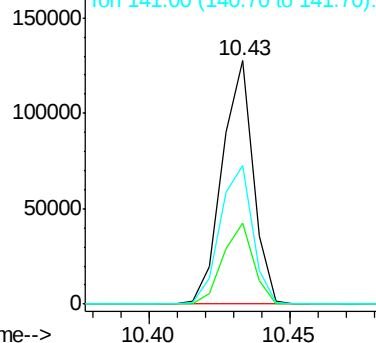


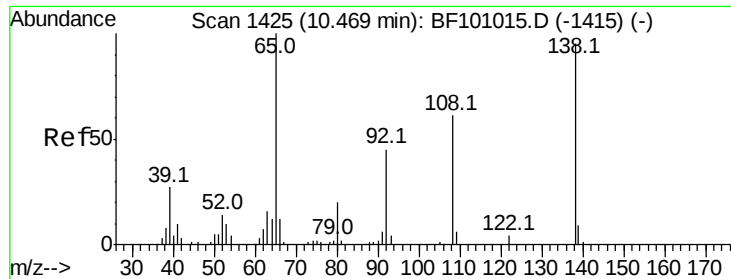
#60
4-Chlorophenyl-phenylether
Concen: 29.402 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:204 Resp: 97777
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 57.0 54.6 81.8



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

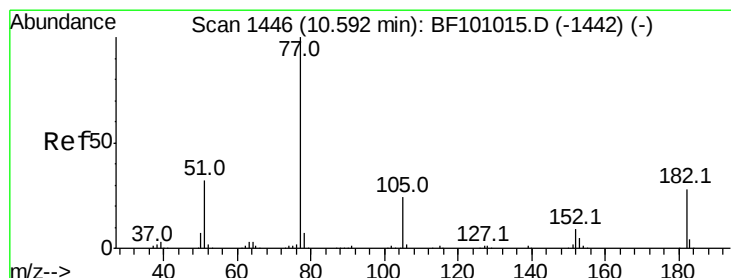
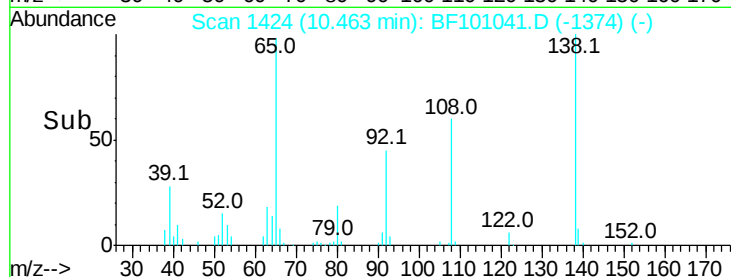
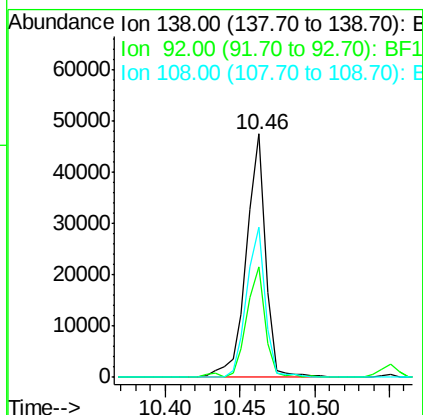
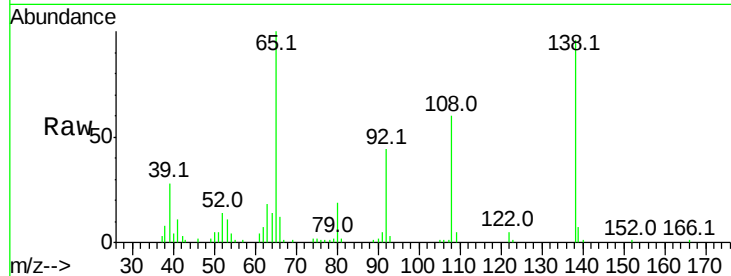




#61
4-Nitroaniline
Concen: 23.926 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

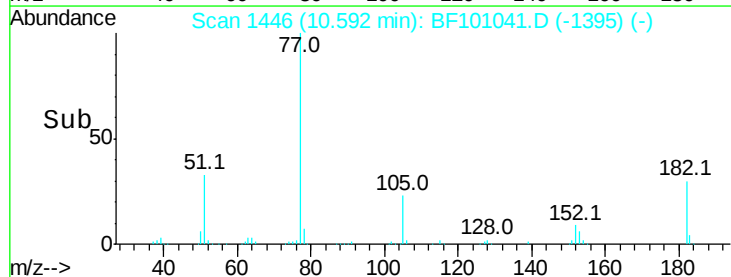
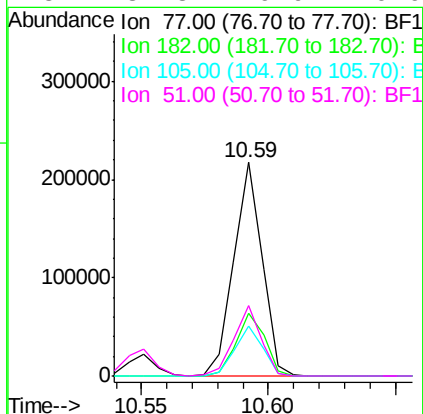
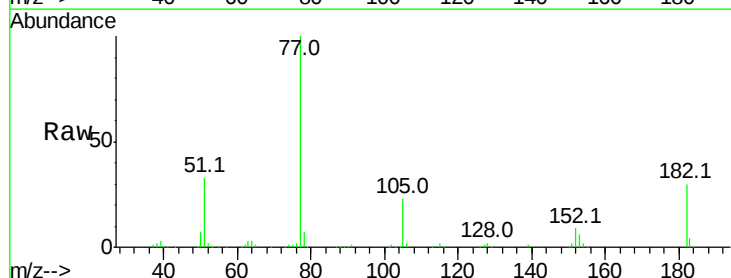
Instrument :
BNA_F
ClientSampled :

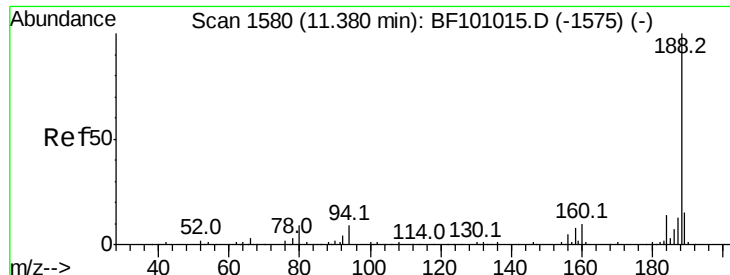
Tot Ion:138 Resp: 42601
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 61.8 52.5 92.5



#62
Azobenzene
Concen: 27.782 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion: 77 Resp: 168402
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 23.3 3.0 43.0
51 32.8 9.9 49.9

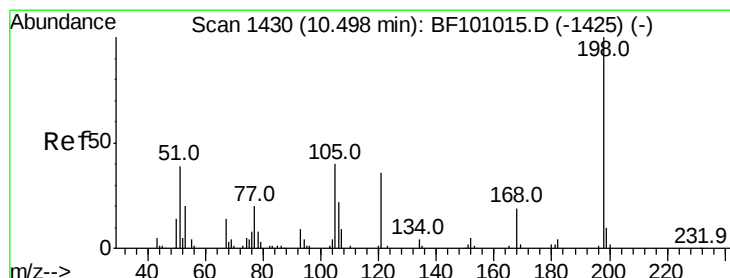
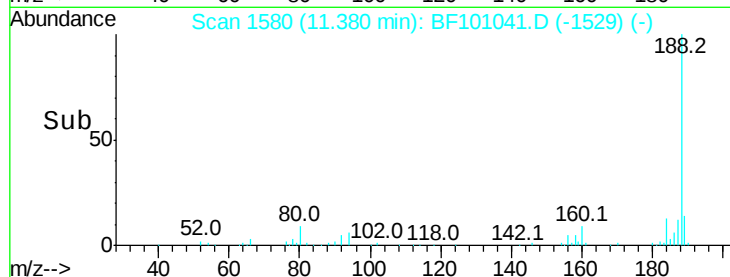
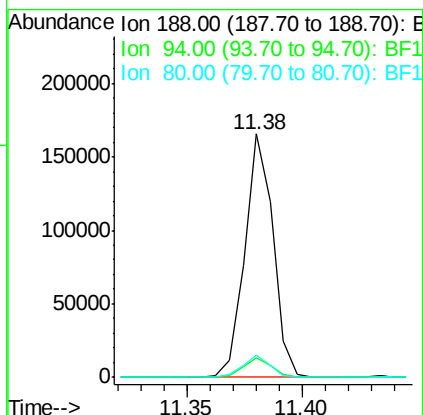
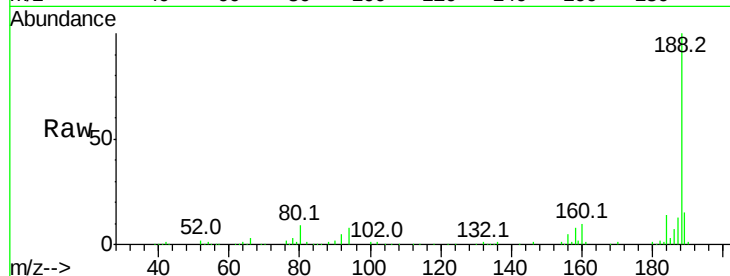




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

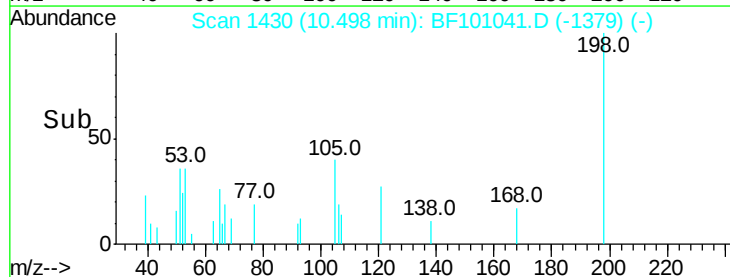
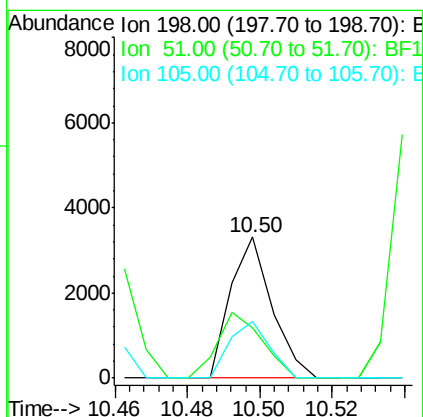
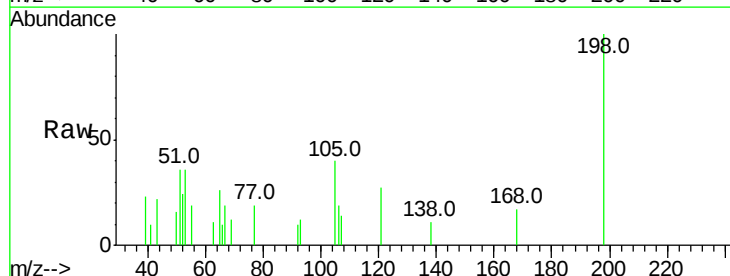
Instrument :
 BNA_F
 ClientSampleId :

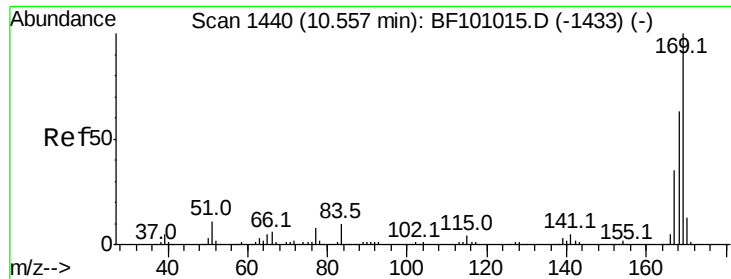
Tot Ion:188 Resp: 141537
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 9.1 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.774 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:198 Resp: 2633
 Ion Ratio Lower Upper
 198 100
 51 35.7 37.7 77.7#
 105 39.8 36.3 76.3

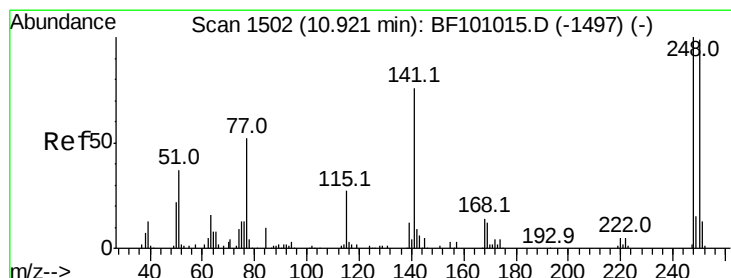
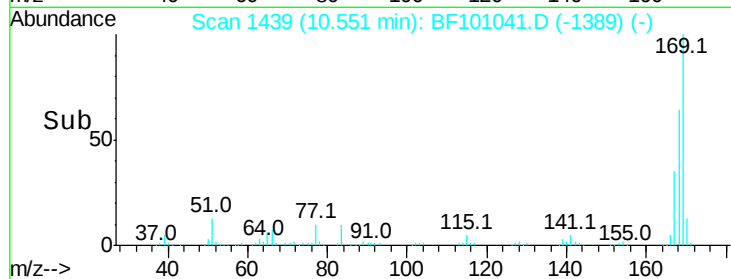
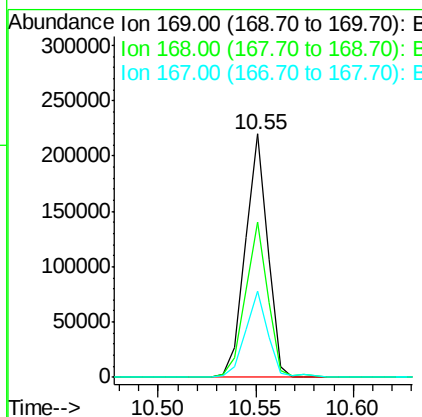
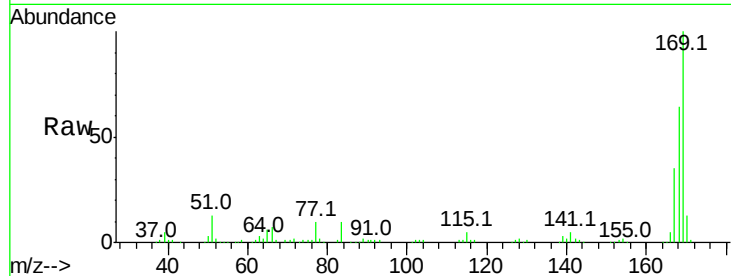




#65
 n-Nitrosodiphenylamine
 Concen: 35.008 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

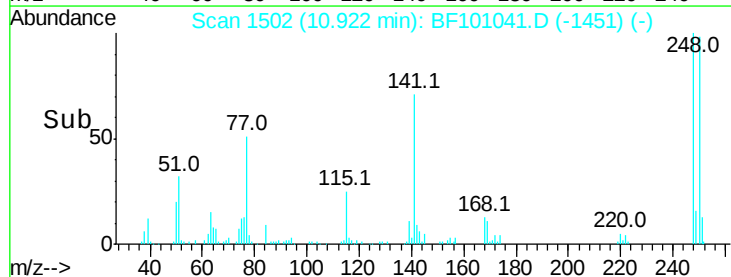
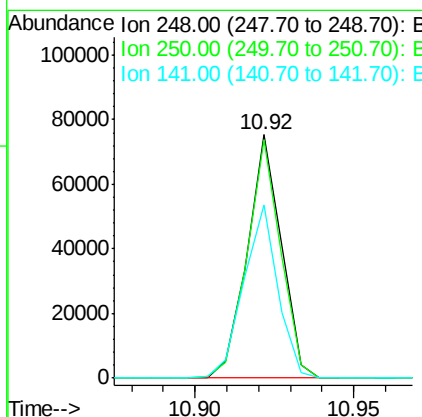
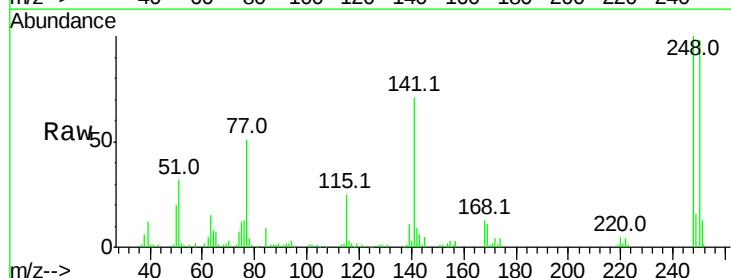
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.460 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	71.3	74.4	111.6#

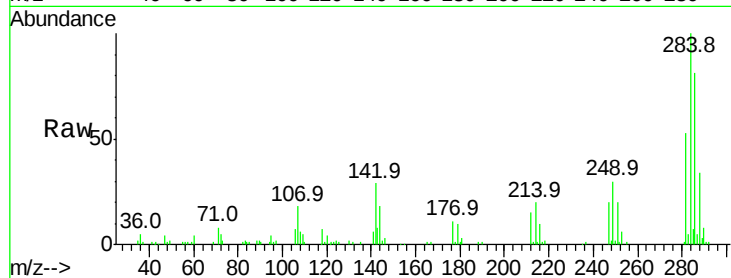




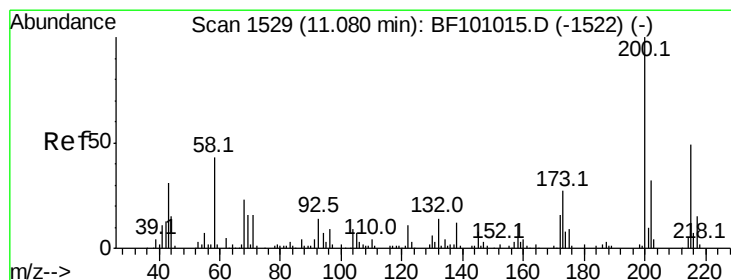
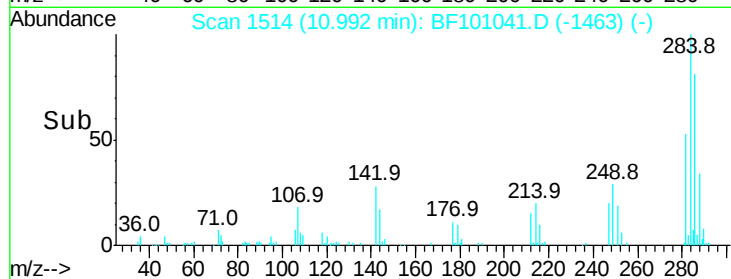
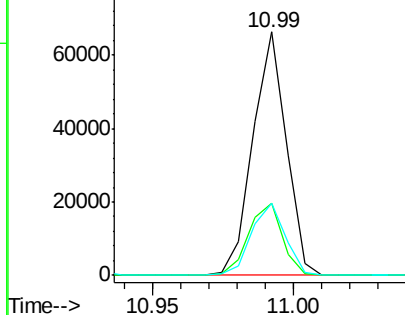
#67
Hexachlorobenzene
Concen: 31.999 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 54333
Ion Ratio Lower Upper
284 100
142 29.4 34.6 52.0#
249 29.8 24.8 37.2

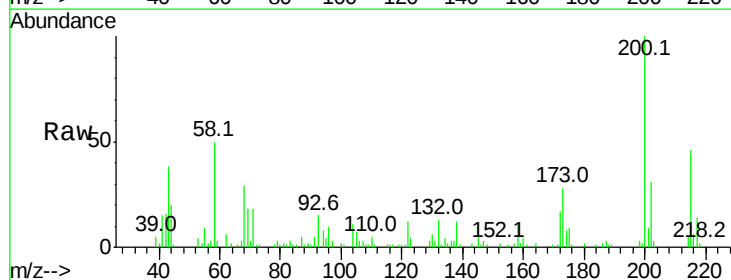


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

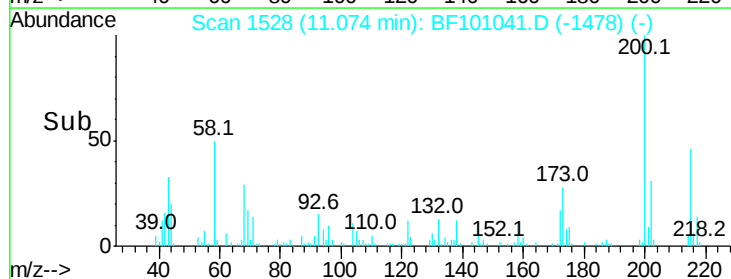
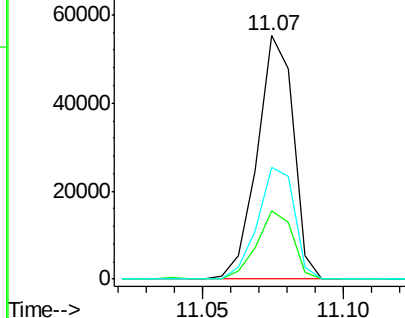


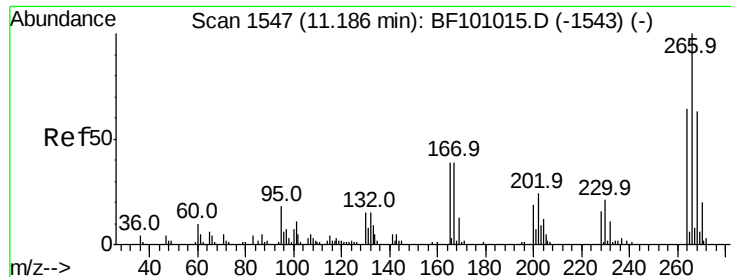
#68
Atrazine
Concen: 31.985 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:200 Resp: 48990
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 46.1 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

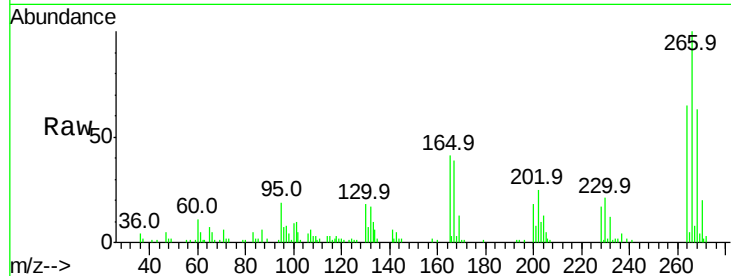




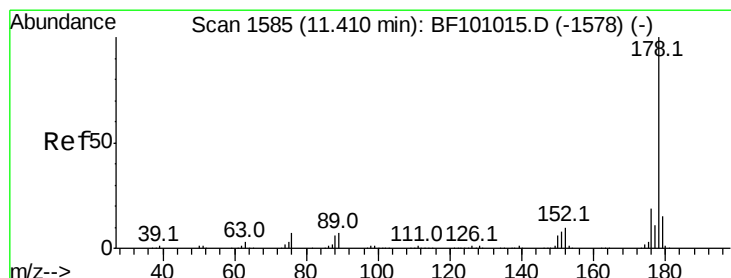
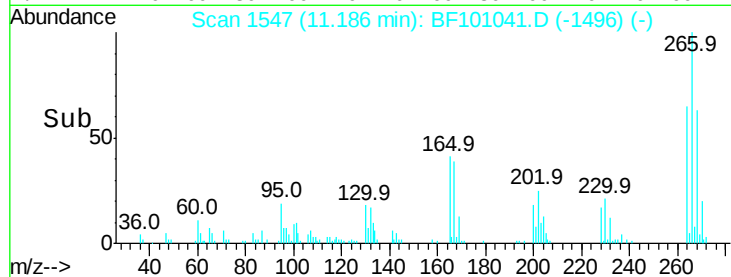
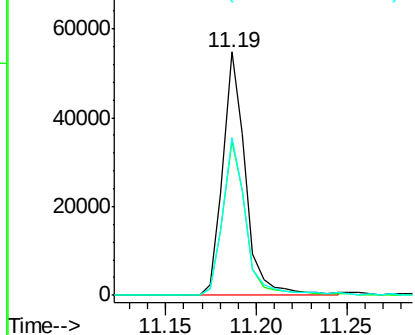
#69
 Pentachlorophenol
 Concen: 51.653 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 48223
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 65.1 49.5 74.3

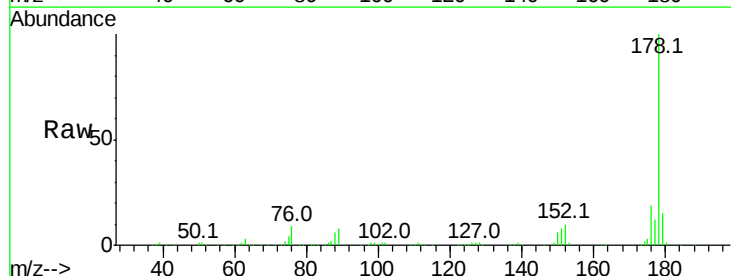


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

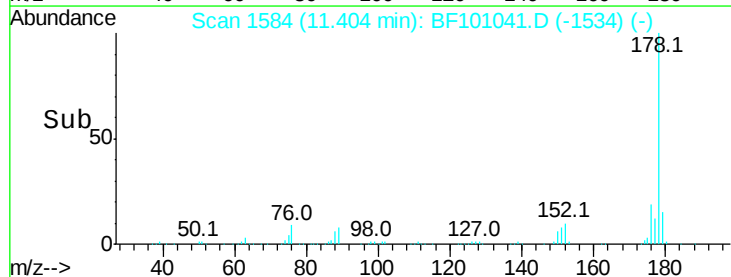
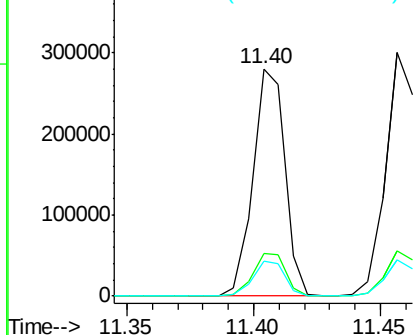


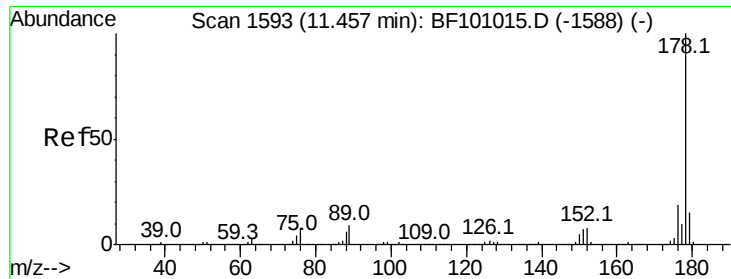
#70
 Phenanthrene
 Concen: 31.741 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:178 Resp: 247403
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 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

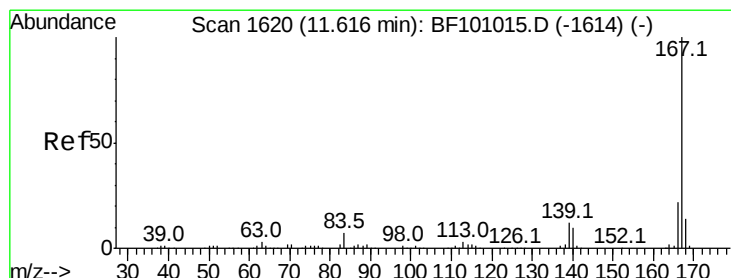
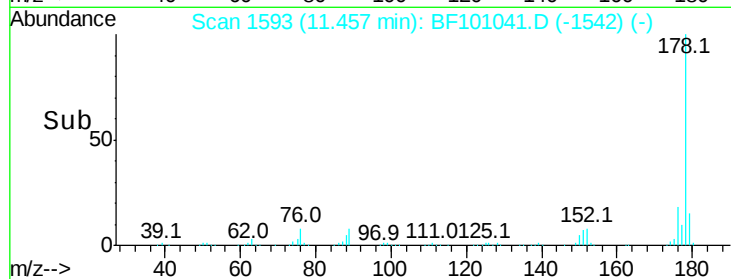
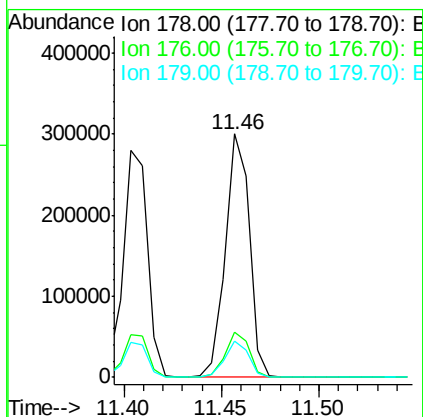
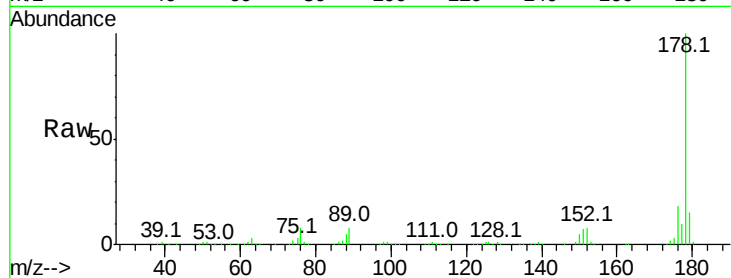




#71
 Anthracene
 Concen: 32.594 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

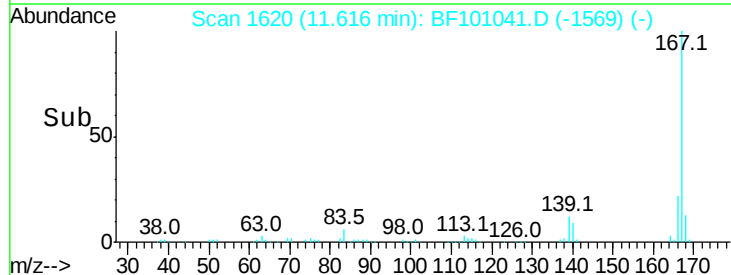
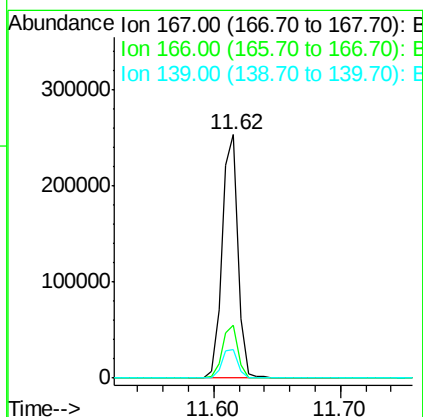
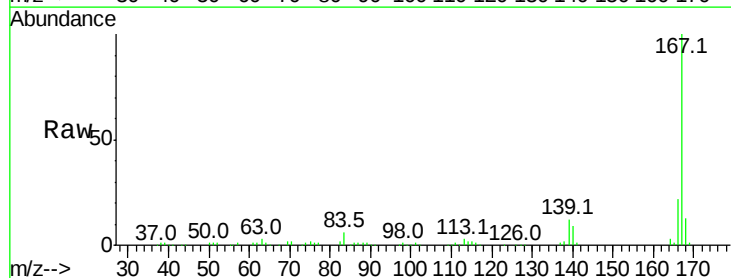
Instrument :
 BNA_F
 ClientSampleId :

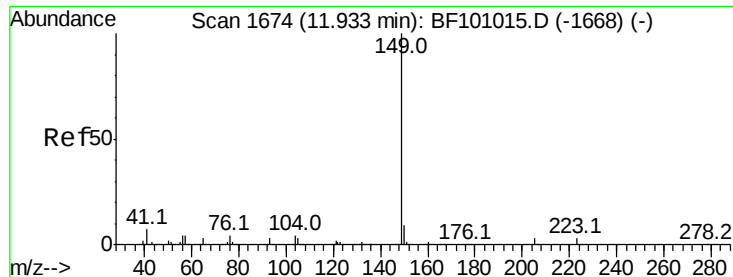
Tot Ion:178 Resp: 257123
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 30.712 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:167 Resp: 221362
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 11.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.750 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

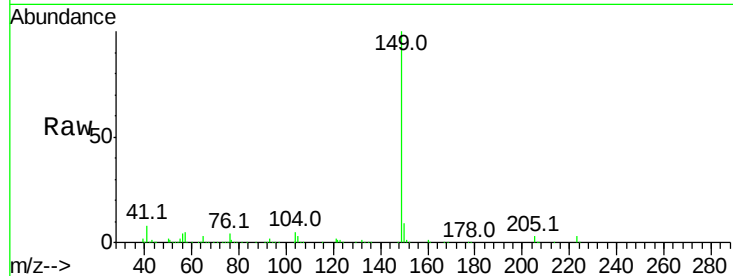
Tot Ion:149 Resp: 286828

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

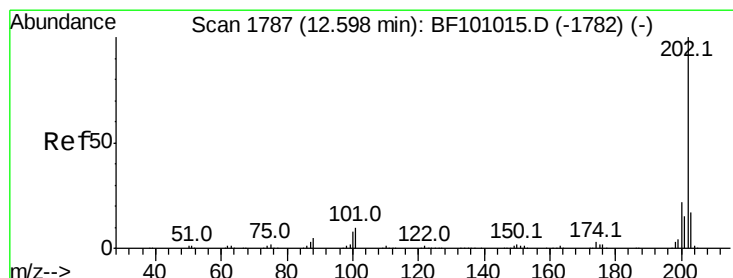
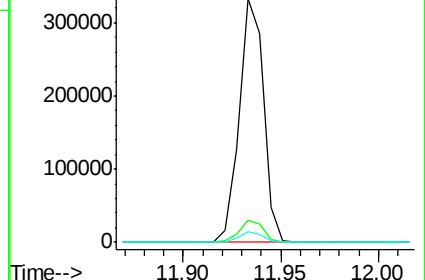
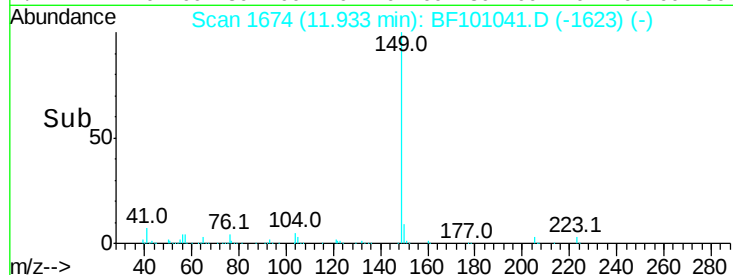
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.714 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

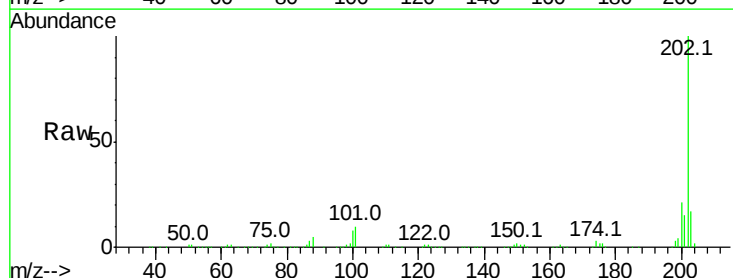
Tgt Ion:202 Resp: 274006

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

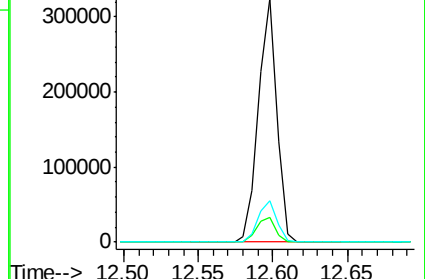
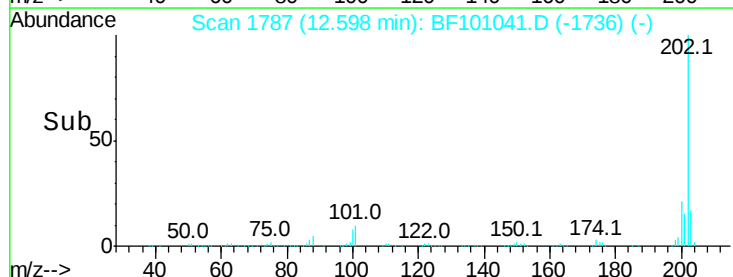
203 17.2 0.0 38.1

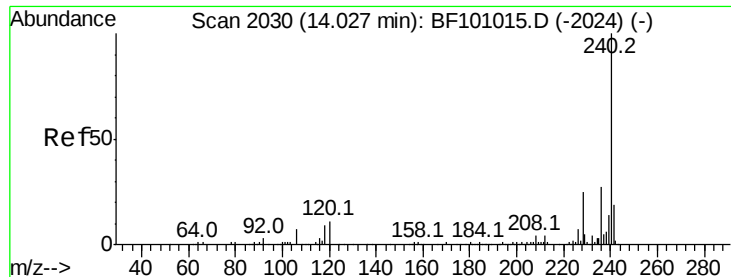


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

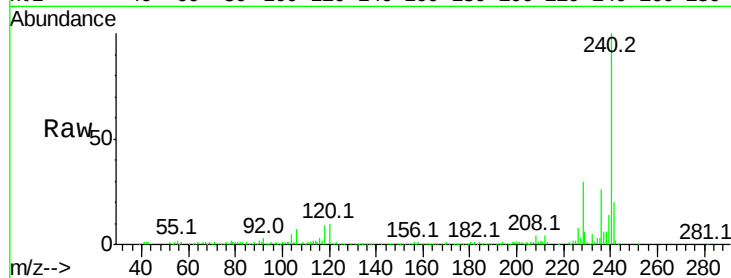
Tot Ion:240 Resp: 133432

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

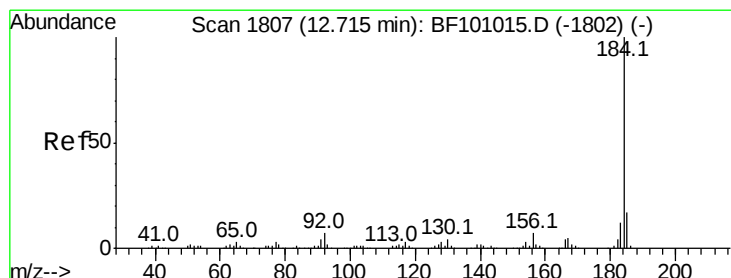
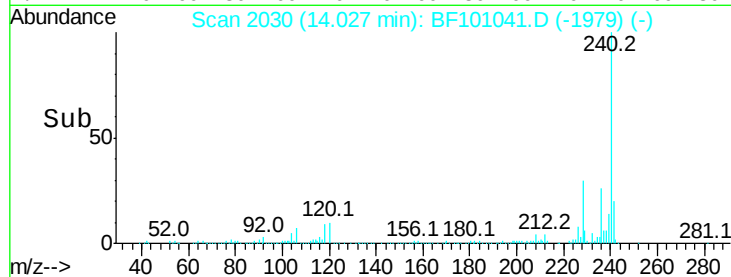
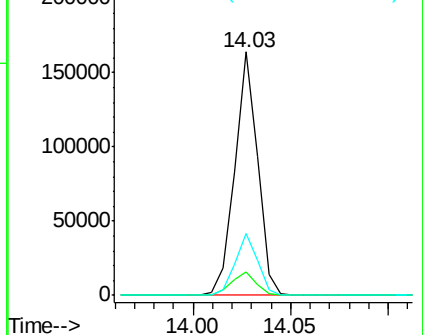
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.539 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

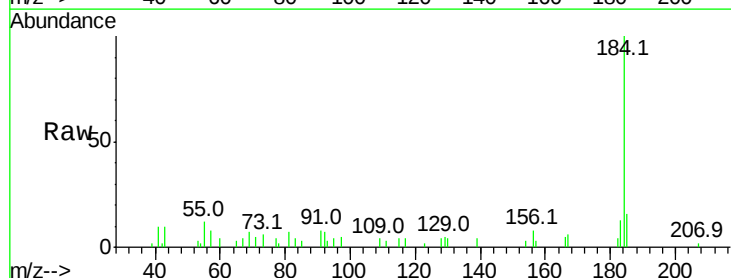
Tgt Ion:184 Resp: 15354

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

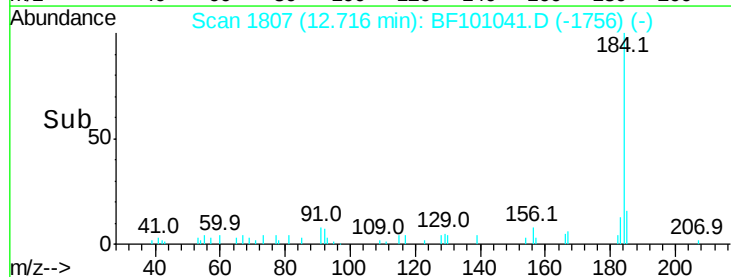
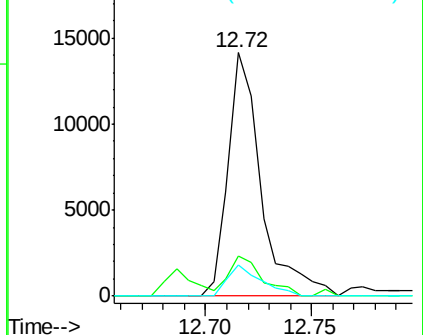
183 12.6 9.3 13.9

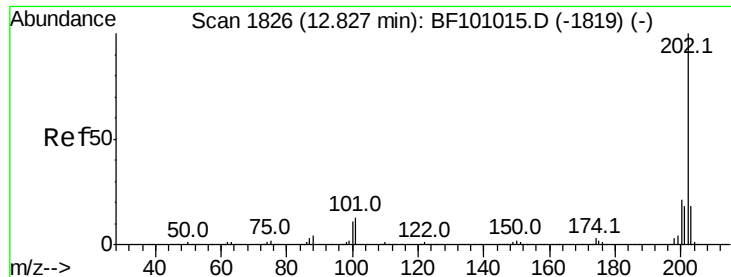


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

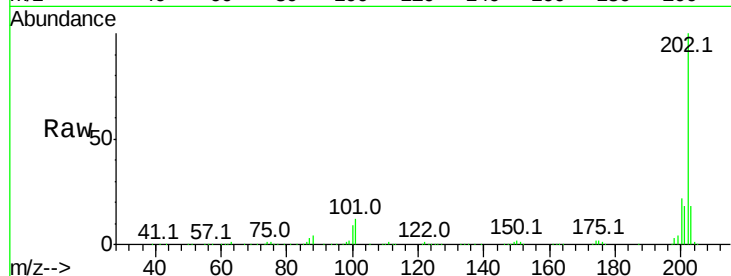




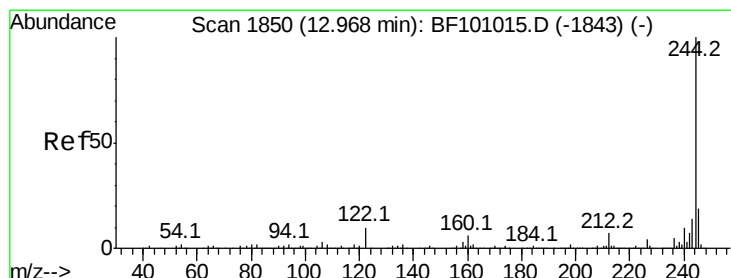
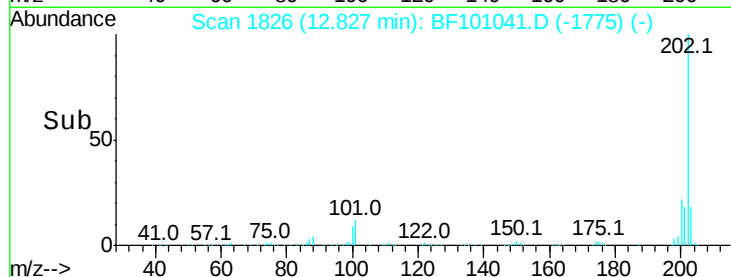
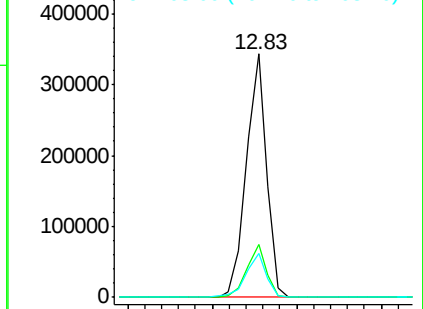
#77
 Pvrene
 Concen: 31.272 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 287929
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.9 14.3 21.5

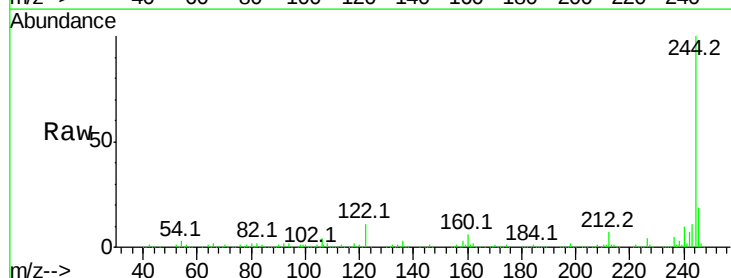


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

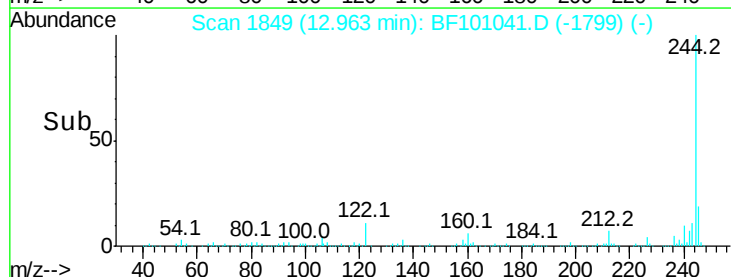
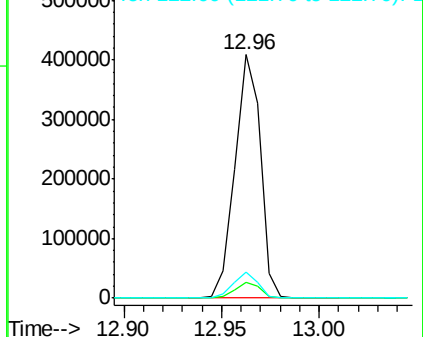


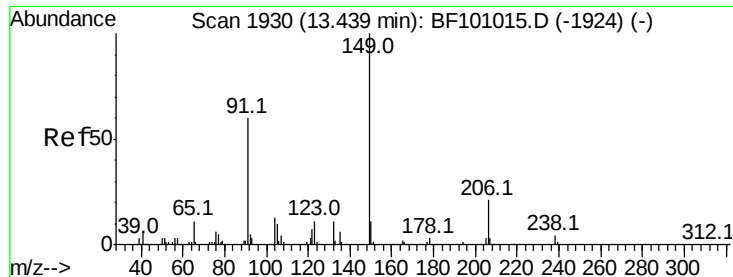
#78
 Terphenyl-d14
 Concen: 60.512 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:244 Resp: 369147
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 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

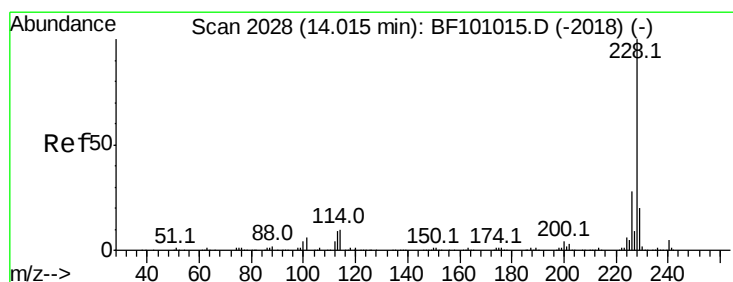
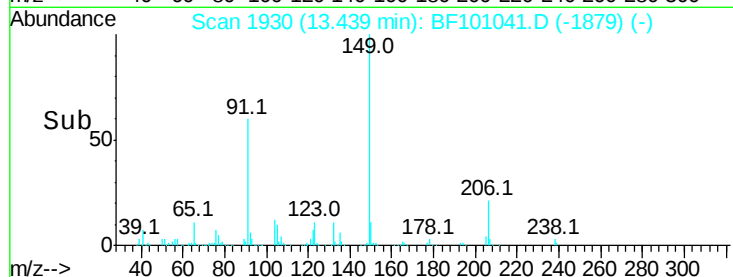
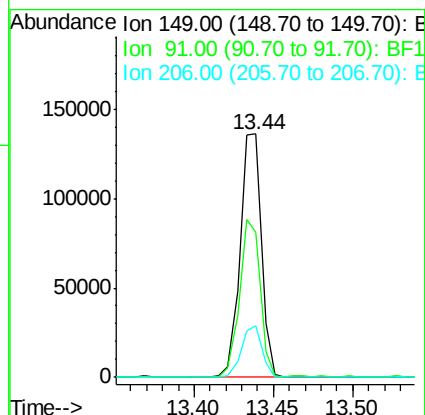
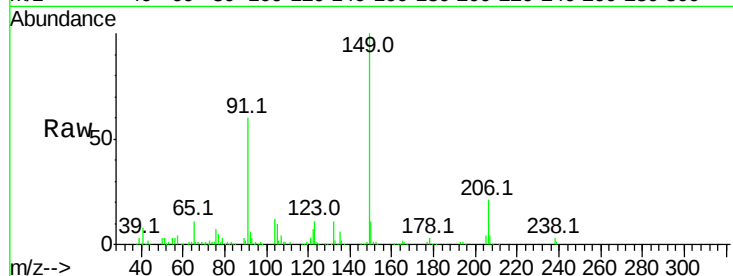




#79
Butylbenzylphthalate
Concen: 31.502 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

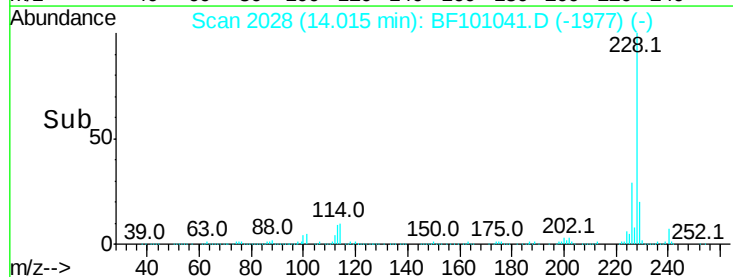
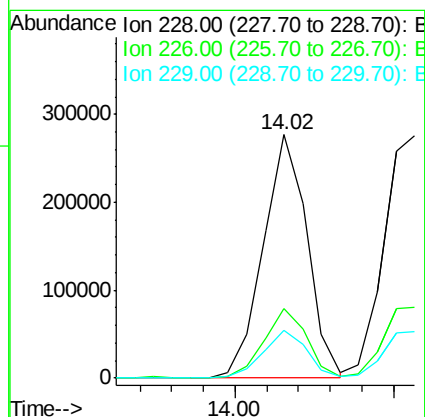
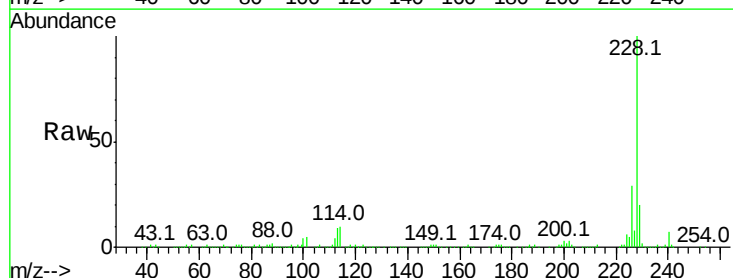
Instrument :
BNA_F
ClientSampleId :

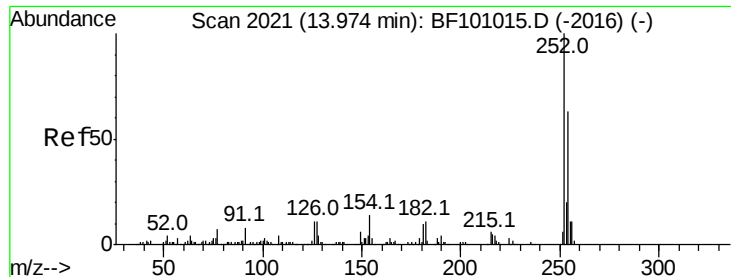
Tot Ion:149 Resp: 127879
Ion Ratio Lower Upper
149 100
91 59.5 56.8 85.2
206 21.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 31.668 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:228 Resp: 266794
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 19.8 15.8 23.6

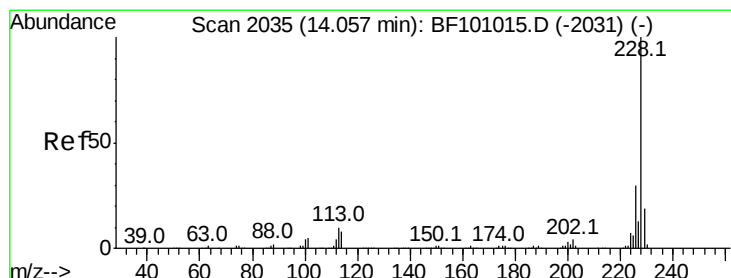
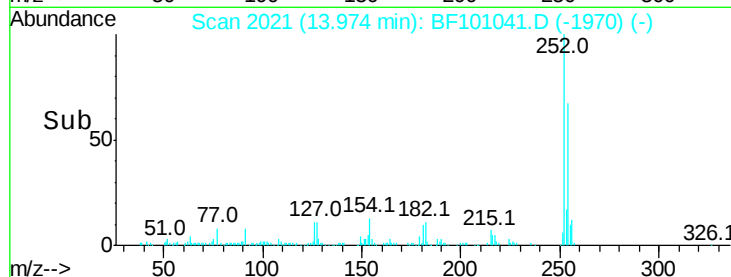
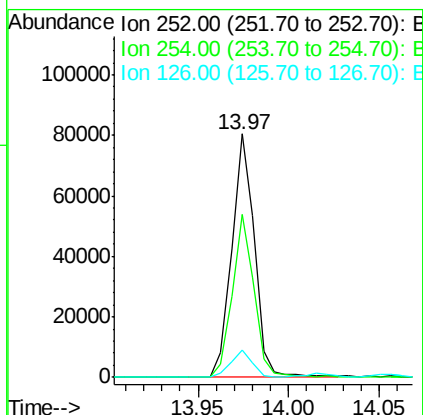
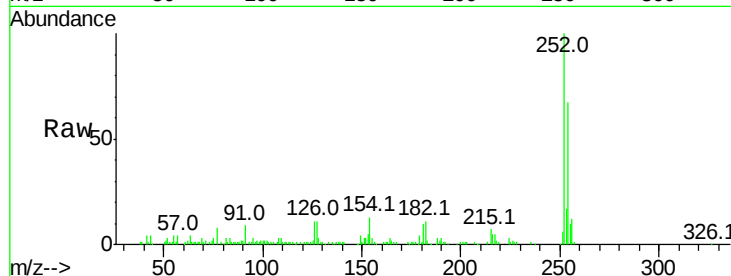




#81
 3,3'-Dichlorobenzidine
 Concen: 24.100 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

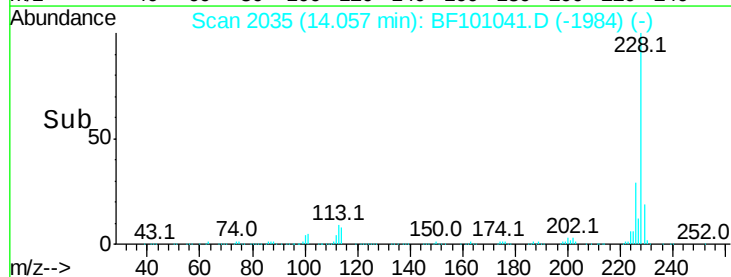
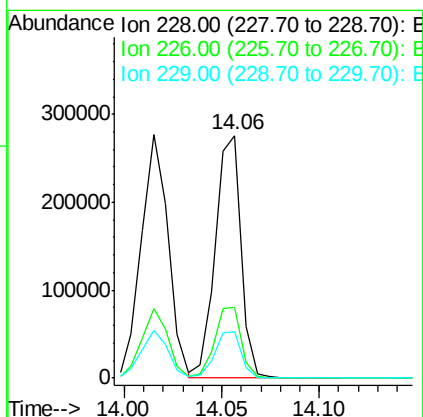
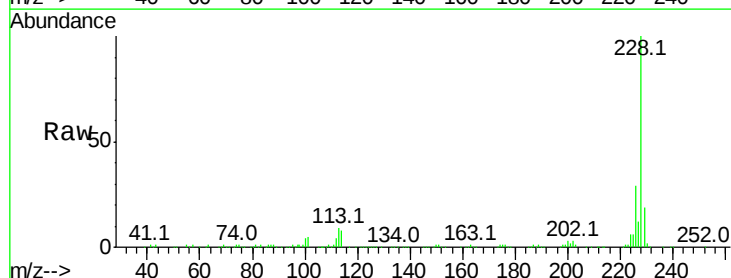
Instrument :
 BNA_F
 ClientSampleId :

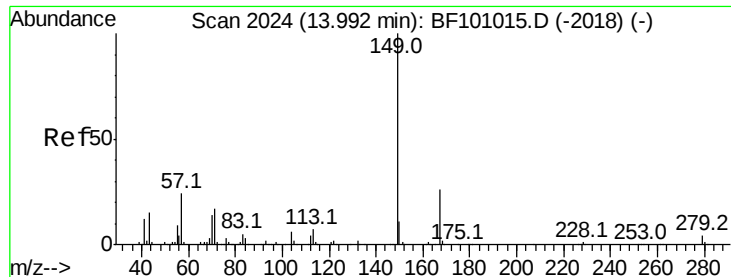
Tot Ion:252 Resp: 70317
 Ion Ratio Lower Upper
 252 100
 254 66.8 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 32.165 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF101041.D
 Acq: 1 Dec 2017 2:00

Tgt Ion:228 Resp: 251665
 Ion Ratio Lower Upper
 228 100
 226 29.1 25.0 37.6
 229 19.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.059 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

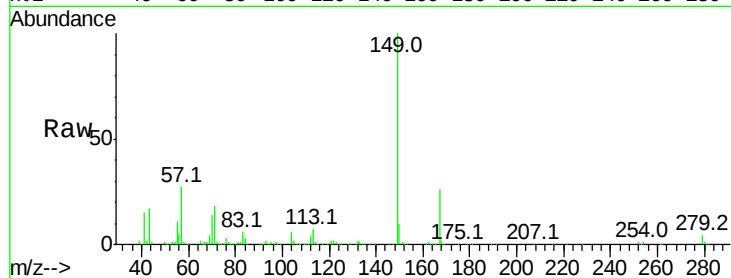
Tot Ion:149 Resp: 208709

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

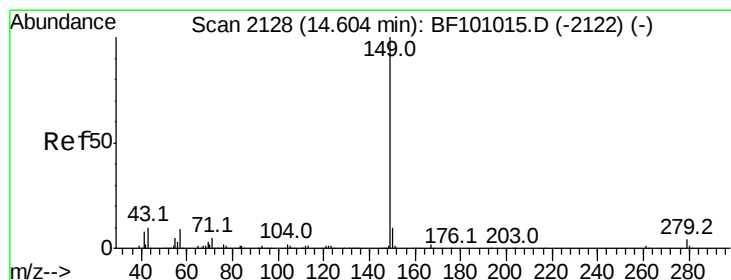
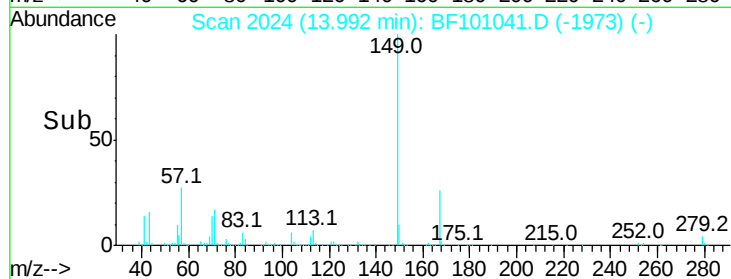
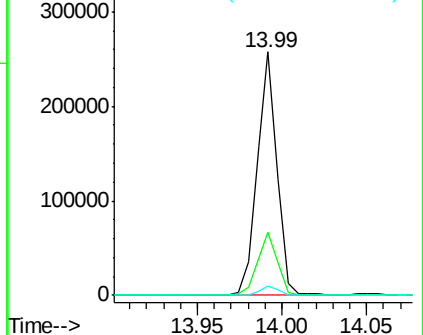
279 3.7 3.0 4.4



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: 32.936 ng

RT: 14.60 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

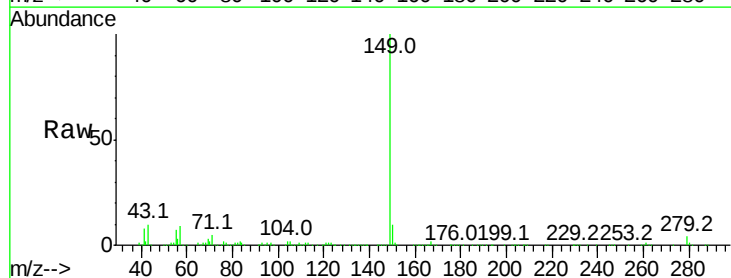
Tgt Ion:149 Resp: 317410

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

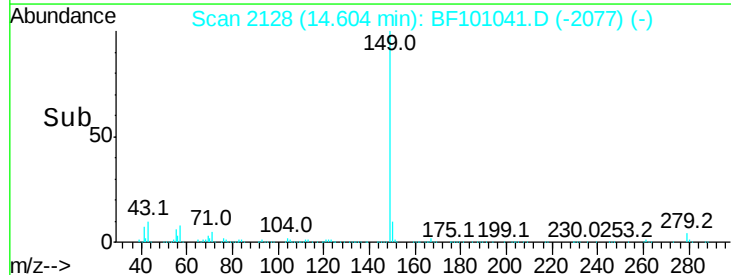
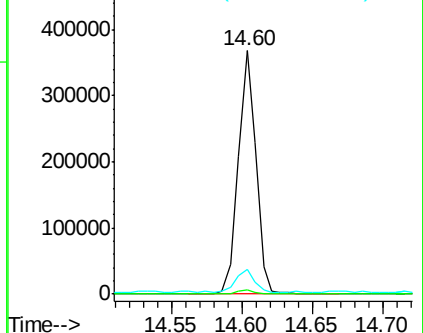
43 9.3 8.4 12.6

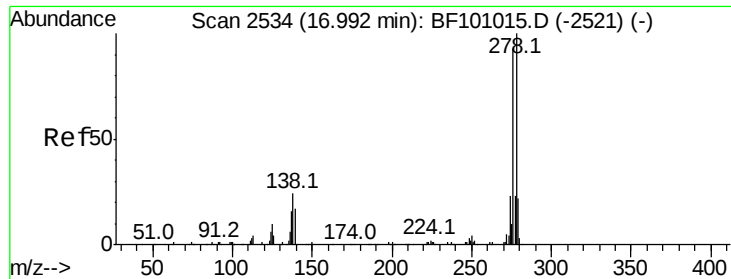


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

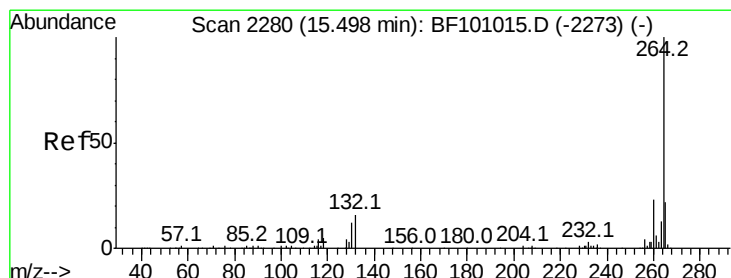
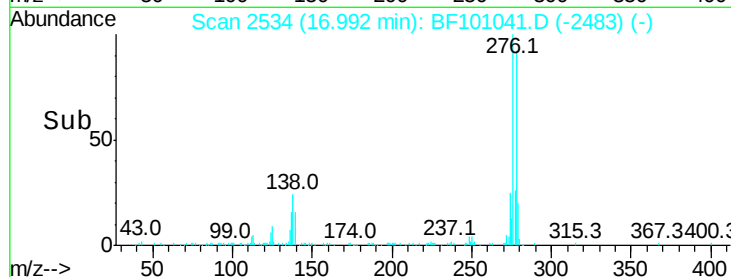
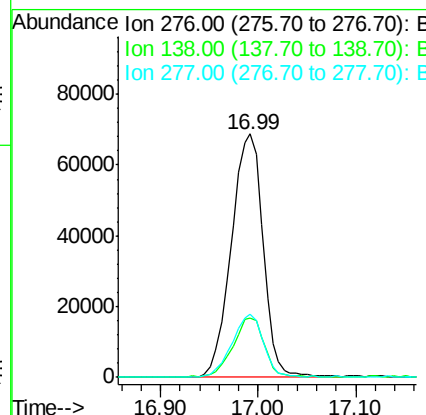
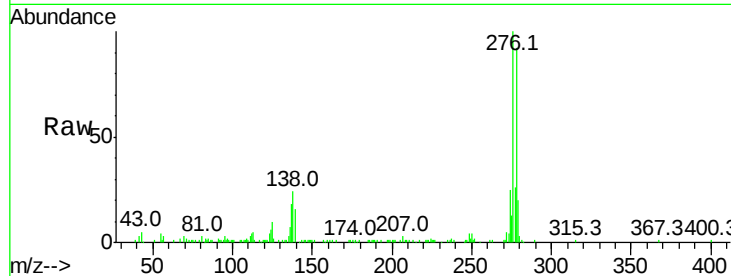




#85
Indeno(1,2,3-cd)pyrene
Concen: 22.374 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

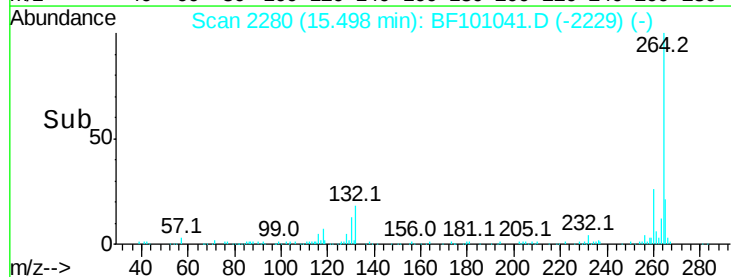
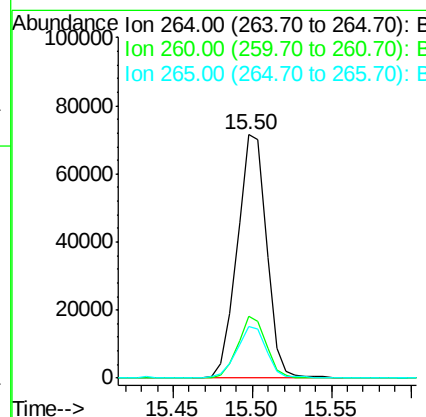
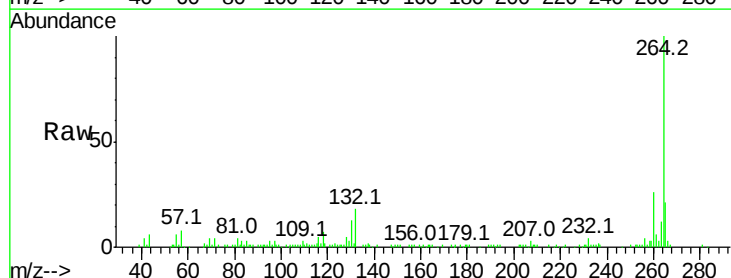
Instrument :
BNA_F
ClientSampleId :

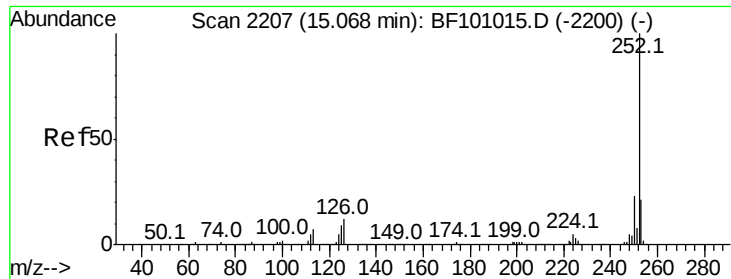
Tot Ion:276 Resp: 155637
Ion Ratio Lower Upper
276 100
138 24.4 25.0 37.6#
277 25.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion:264 Resp: 91666
Ion Ratio Lower Upper
264 100
260 25.6 19.2 28.8
265 21.1 17.5 26.3

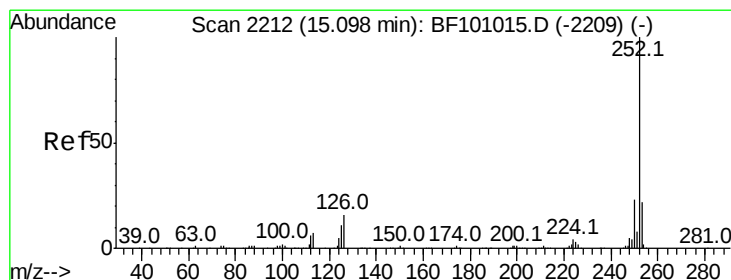
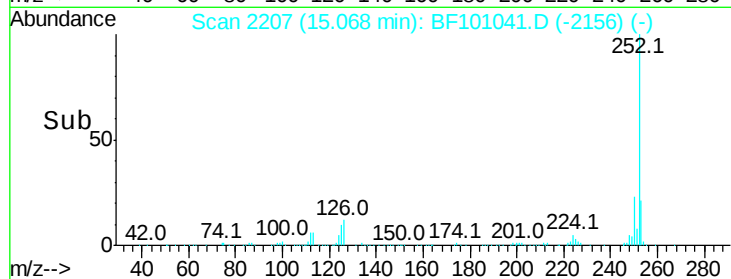
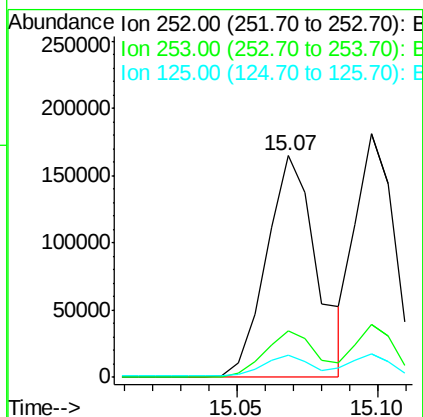
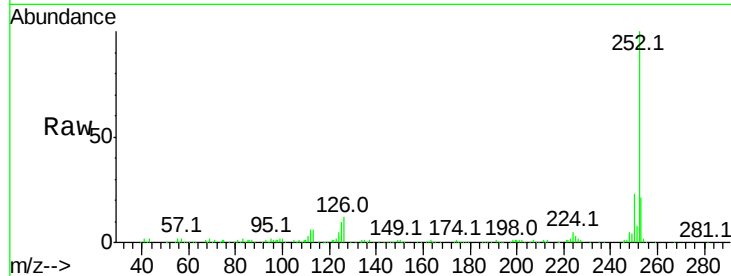




#87
Benzo(b)fluoranthene
Concen: 37.298 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

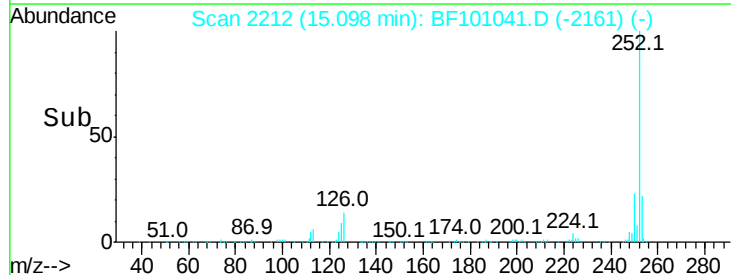
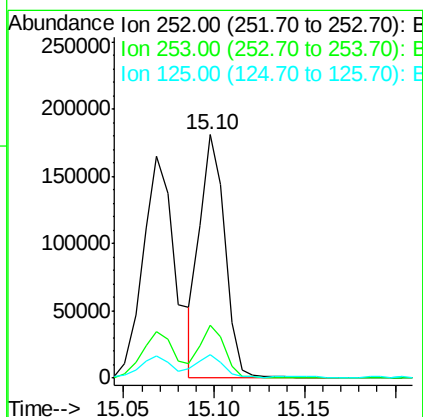
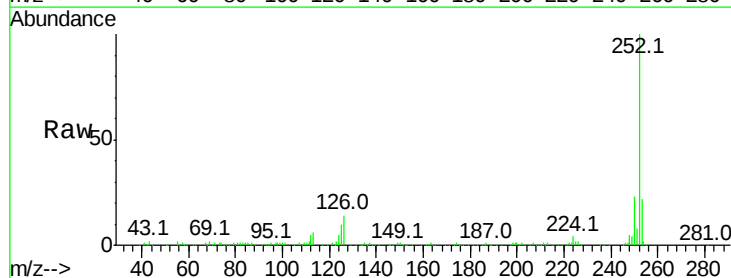
Instrument :
BNA_F
ClientSampled :

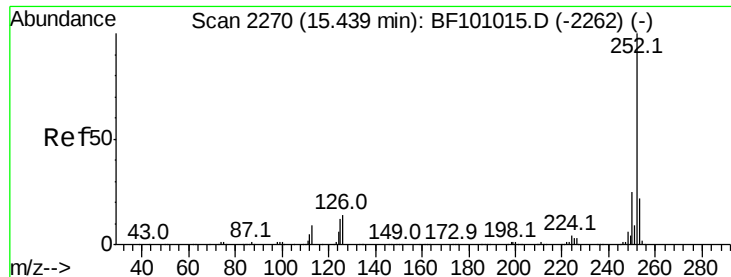
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	10.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 31.954 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF101041.D
Acq: 1 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 32.940 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

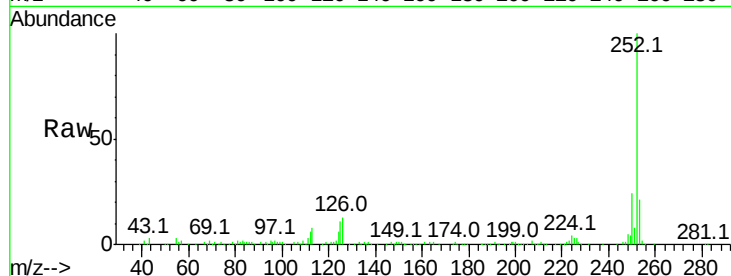
Tot Ion:252 Resp: 164422

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

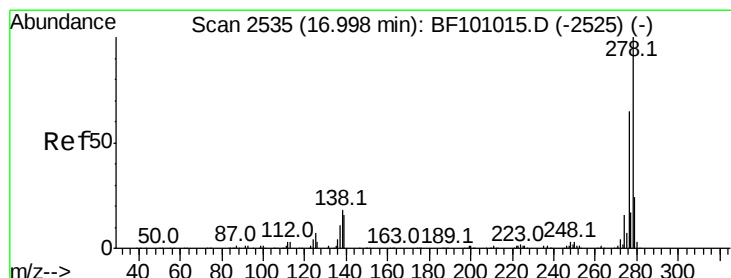
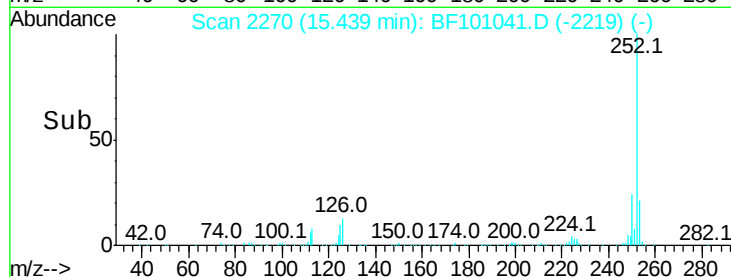
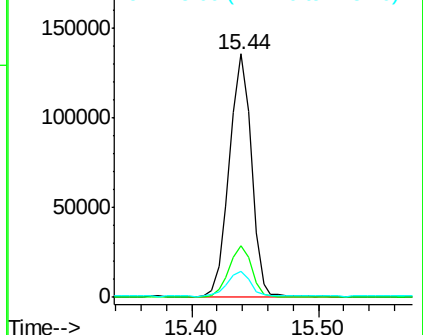
125 10.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.923 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

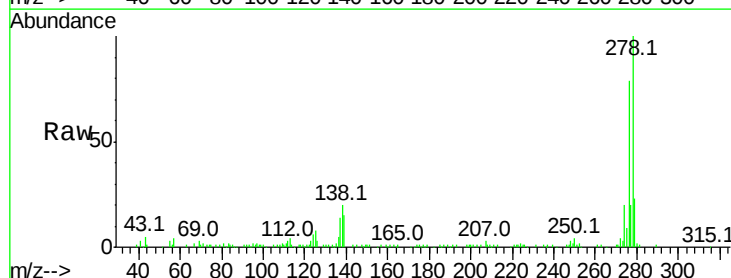
Tgt Ion:278 Resp: 131678

Ion Ratio Lower Upper

278 100

139 15.1 15.9 23.9#

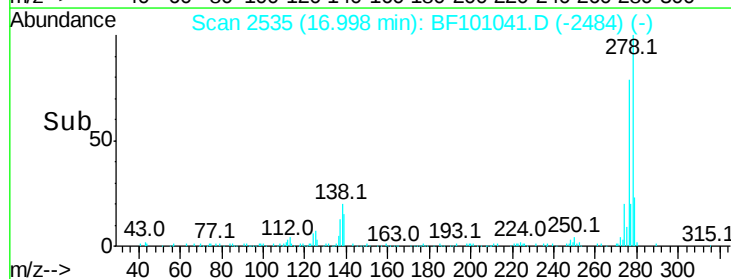
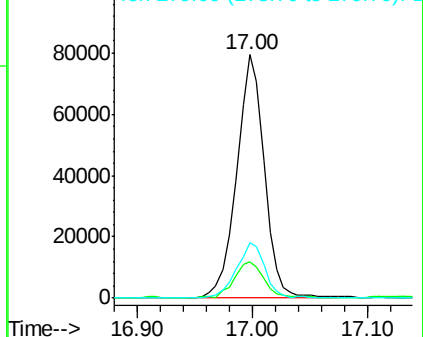
279 23.0 19.0 28.4

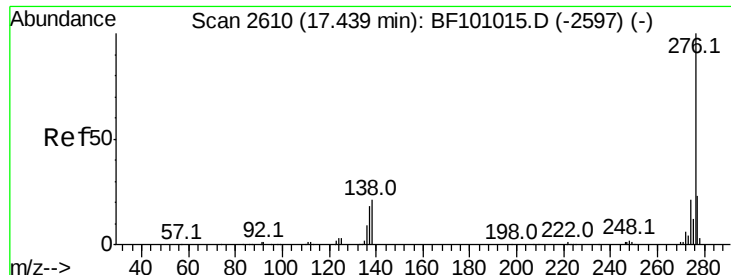


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.325 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BF101041.D

Acq: 1 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

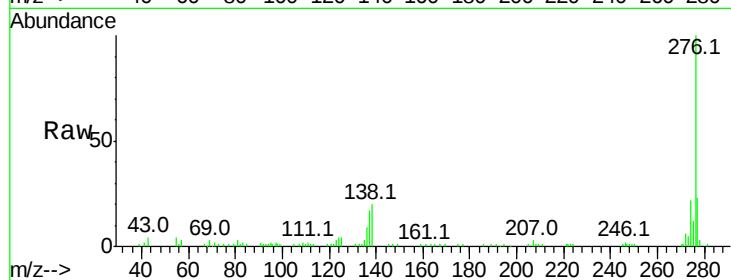
Tot Ion:276 Resp: 125761

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 20.4 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

