

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101220.D
 Acq On : 7 Dec 2017 22:01
 Operator : SJ/JU
 Sample : PB104800BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 23:48:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43607	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	162394	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	65660	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	113822	20.00	ng	0.00
75) Chrysene-d12	14.03	240	86246	20.00	ng	0.00
86) Perylene-d12	15.50	264	66442	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	189705	71.89	ng	0.00
7) Phenol-d6	6.48	99	220290	68.76	ng	0.00
23) Nitrobenzene-d5	7.41	82	192507	70.71	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	47179	59.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	397193	82.77	ng	0.00
78) Terphenyl-d14	12.96	244	297256	75.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	32508	29.790	ng	93
3) Pyridine	3.45	79	91424	32.318	ng	99
4) n-Nitrosodimethylamine	3.40	42	45566	32.979	ng	# 87
6) Aniline	6.50	93	49767	11.945	ng	# 90
8) 2-Chlorophenol	6.63	128	95504	33.192	ng	96
9) Benzaldehyde	6.39	77	30639	15.625	ng	95
10) Phenol	6.49	94	109639	30.775	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	84370	31.573	ng	98
12) 1,3-Dichlorobenzene	6.78	146	110815	33.075	ng	97
13) 1,4-Dichlorobenzene	6.86	146	112572	32.453	ng	97
14) 1,2-Dichlorobenzene	7.01	146	104019	32.150	ng	97
15) Benzyl Alcohol	6.99	79	73582	29.735	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	132175	36.389	ng	95
17) 2-Methylphenol	7.10	107	73105	31.465	ng	97
18) Hexachloroethane	7.35	117	26490	23.770	ng	# 82
19) n-Nitroso-di-n-propylamine	7.25	70	62411	28.924	ng	90
20) 3+4-Methylphenols	7.25	107	95494	31.515	ng	# 54
22) Acetophenone	7.25	105	124771	31.802	ng	# 90
24) Nitrobenzene	7.43	77	88511	33.174	ng	97
25) Isophorone	7.66	82	160777	34.576	ng	99
26) 2-Nitrophenol	7.75	139	31536	21.532	ng	91
27) 2,4-Dimethylphenol	7.78	122	78965	37.270	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	103619	33.155	ng	97
29) 2,4-Dichlorophenol	7.99	162	74332	32.231	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	83589	32.962	ng	96
31) Naphthalene	8.15	128	257334	32.152	ng	99
32) Benzoic acid	7.89	122	31107	18.877	ng	94
33) 4-Chloroaniline	8.20	127	32484	10.101	ng	99
34) Hexachlorobutadiene	8.26	225	50940	32.751	ng	98
35) Caprolactam	8.57	113	19172	26.675	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	71005	29.722	ng	93
37) 2-Methylnaphthalene	8.84	142	170271	31.310	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	77025	32.292	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	3995	12.298	ng	95

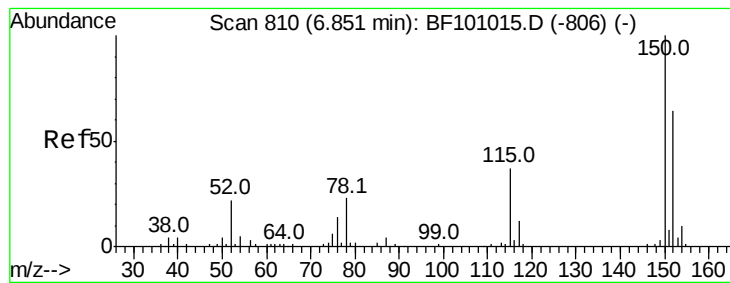
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101220.D
 Acq On : 7 Dec 2017 22:01
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	47879	34.241	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	49305	32.983	nq #	89
45) 1,1'-Biphenyl	9.30	154	194971	32.410	nq	96
46) 2-Chloronaphthalene	9.33	162	151448	35.449	nq	93
47) 2-Nitroaniline	9.43	65	45365	35.890	nq	93
48) Acenaphthylene	9.75	152	223418	31.821	nq	98
49) Dimethylphthalate	9.60	163	182729	34.508	nq	100
50) 2,6-Dinitrotoluene	9.67	165	30075	26.966	nq	94
51) Acenaphthene	9.92	154	129440	30.789	nq	99
52) 3-Nitroaniline	9.85	138	42533	33.911	nq	88
53) 2,4-Dinitrophenol	9.97	184	1375	7.080	nq #	18
54) Dibenzofuran	10.09	168	195121	32.206	nq	99
55) 4-Nitrophenol	10.01	139	39796	47.048	nq	98
56) 2,4-Dinitrotoluene	10.08	165	34413	23.023	nq	90
57) Fluorene	10.43	166	150941	30.647	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	37912	31.675	nq #	85
59) Diethylphthalate	10.30	149	172153	32.961	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	78368	32.227	nq	92
61) 4-Nitroaniline	10.46	138	38537	29.599	nq	93
62) Azobenzene	10.58	77	131834	29.743	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	1601	2.097	nq	85
65) n-Nitrosodiphenylamine	10.54	169	137752	34.305	nq	96
66) 4-Bromophenyl-phenylether	10.91	248	44910	35.250	nq	89
67) Hexachlorobenzene	10.99	284	45546	33.356	nq #	85
68) Atrazine	11.07	200	42131	34.204	nq	97
69) Pentachlorophenol	11.18	266	35464	47.236	nq	98
70) Phenanthrene	11.40	178	204026	32.550	nq	98
71) Anthracene	11.45	178	211924	33.406	nq	98
72) Carbazole	11.61	167	182531	31.491	nq	98
73) Di-n-butylphthalate	11.93	149	241583	33.253	nq	98
74) Fluoranthene	12.59	202	214184	30.826	nq	94
76) Benzidine	12.72	184	174787	62.322	nq	98
77) Pyrene	12.82	202	217167	36.491	nq	99
79) Butylbenzylphthalate	13.43	149	94416	35.984	nq	96
80) Benzo(a)anthracene	14.02	228	179033	32.878	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	66863	35.454	nq #	96
82) Chrysene	14.05	228	168004	33.220	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	133041	35.561	nq	99
84) Di-n-octyl phthalate	14.60	149	208160	33.417	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	125508	27.915	nq #	91
87) Benzo(b)fluoranthene	15.07	252	134293	33.745	nq	98
88) Benzo(k)fluoranthene	15.10	252	139416	35.557	nq #	95
89) Benzo(a)pyrene	15.44	252	127823	35.329	nq #	97
90) Dibenzo(a,h)anthracene	17.00	278	106573	33.412	nq #	93
91) Benzo(g,h,i)perylene	17.44	276	101928	33.909	nq #	90

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

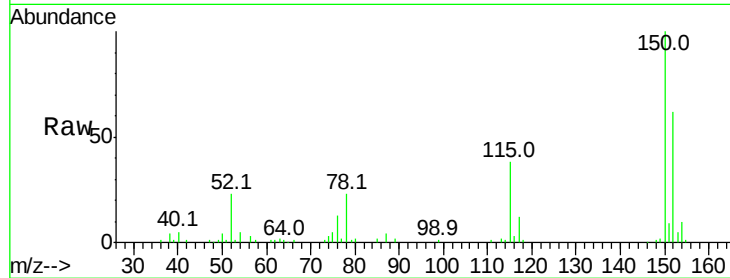


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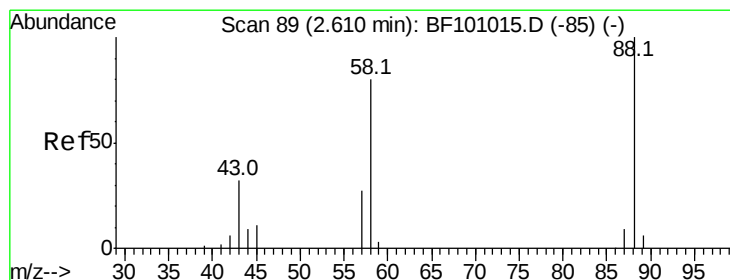
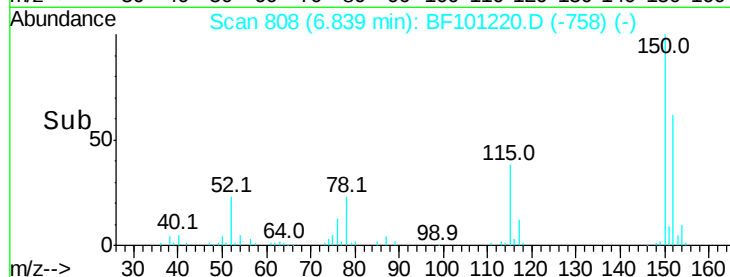
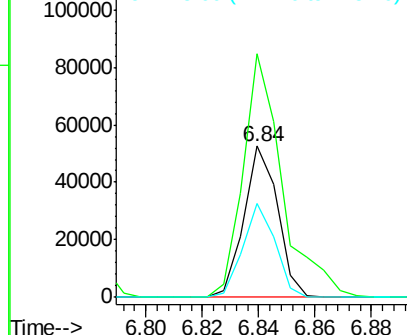
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43607
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 61.7 50.1 75.1



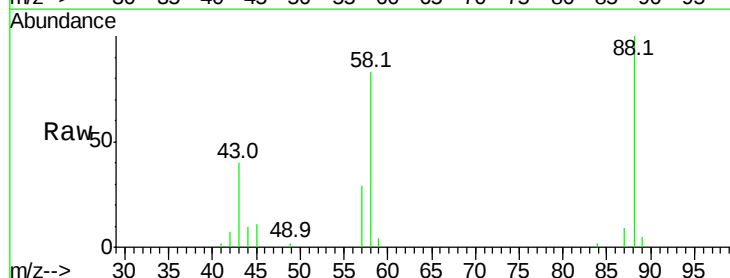
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



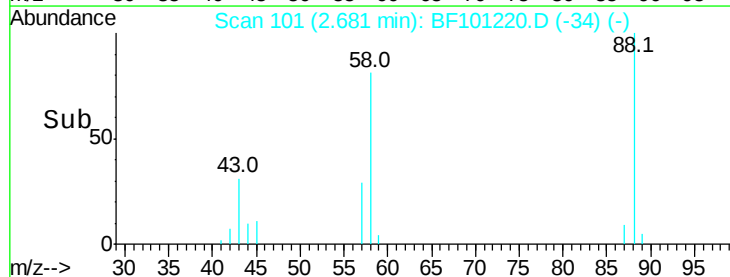
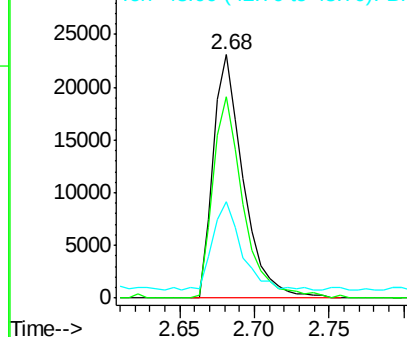
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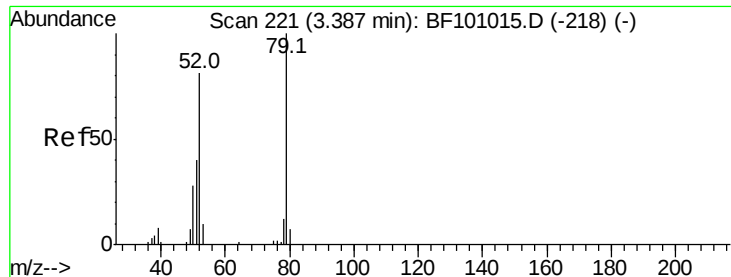
1,4-Dioxane
Concen: 29.790 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion: 88 Resp: 32508
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 35.3 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: 32.318 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

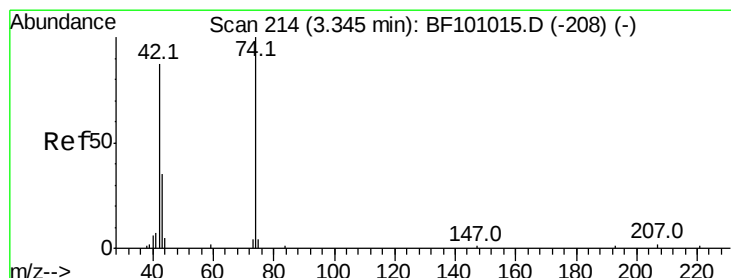
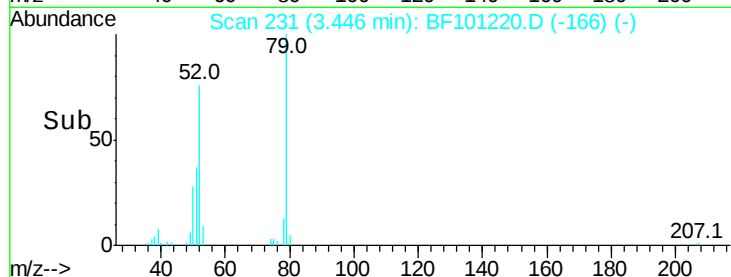
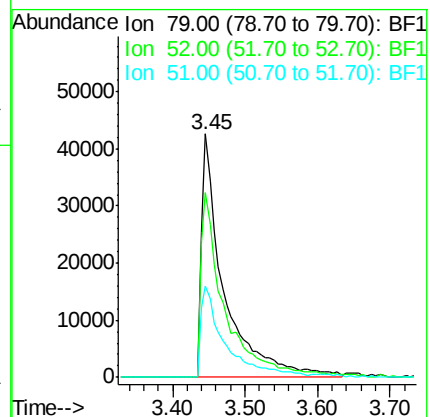
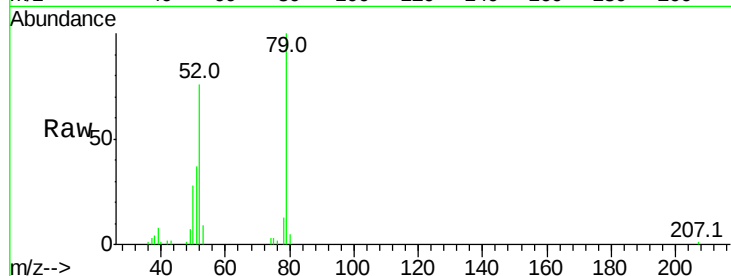
Tot Ion: 79 Resp: 91424

Ion Ratio Lower Upper

79 100

52 76.1 59.8 89.6

51 37.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.979 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.08 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

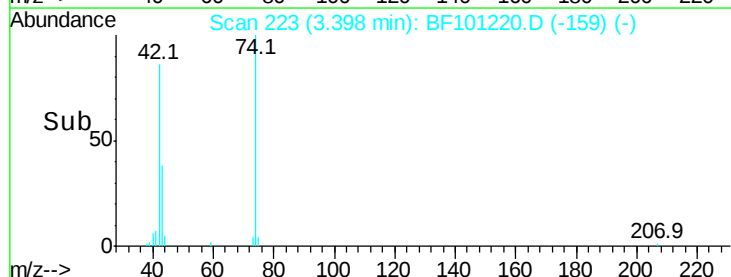
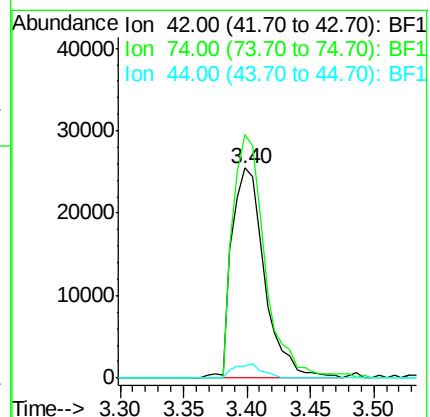
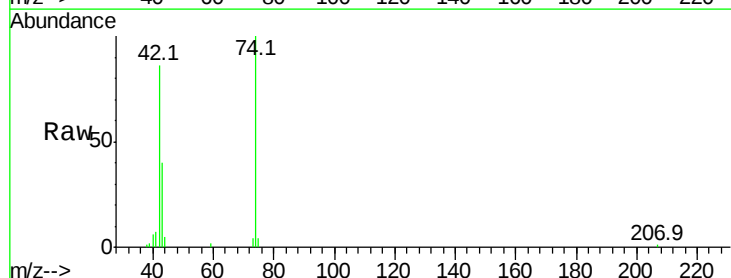
Tgt Ion: 42 Resp: 45566

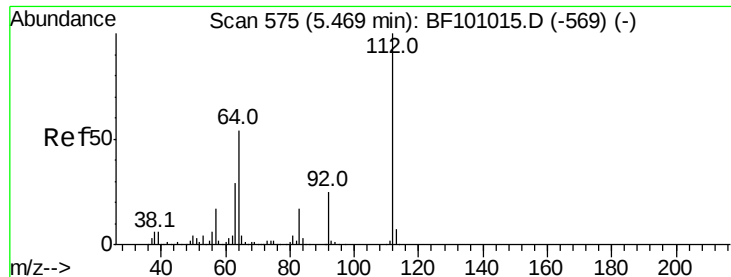
Ion Ratio Lower Upper

42 100

74 116.0 104.9 157.3

44 5.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 71.887 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

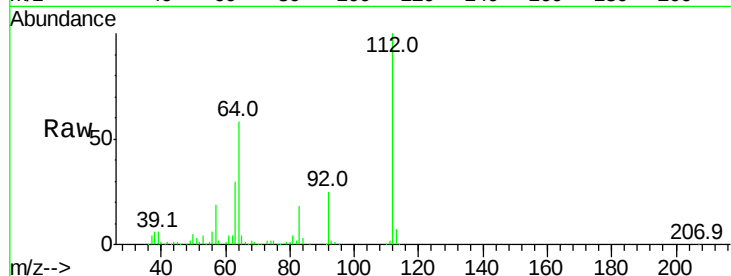
Tot Ion:112 Resp: 189705

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

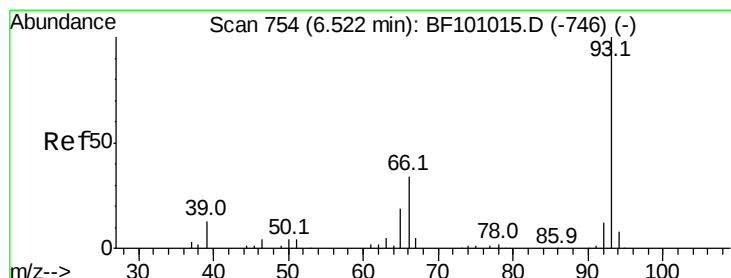
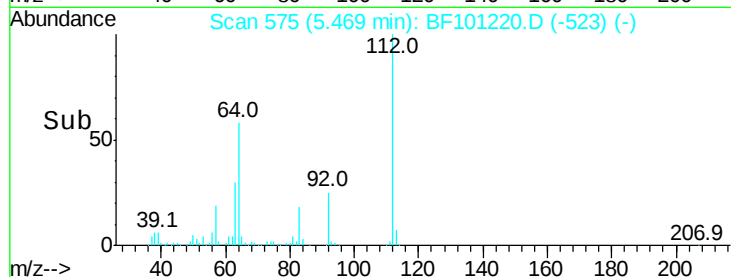
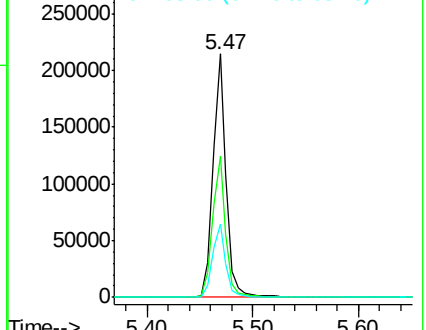
63 30.4 23.7 35.5



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: 11.945 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

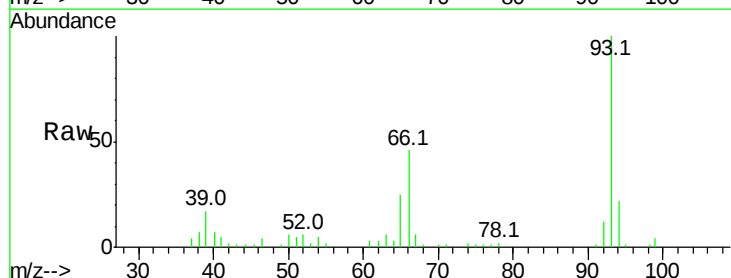
Tgt Ion: 93 Resp: 49767

Ion Ratio Lower Upper

93 100

66 46.3 32.2 48.2

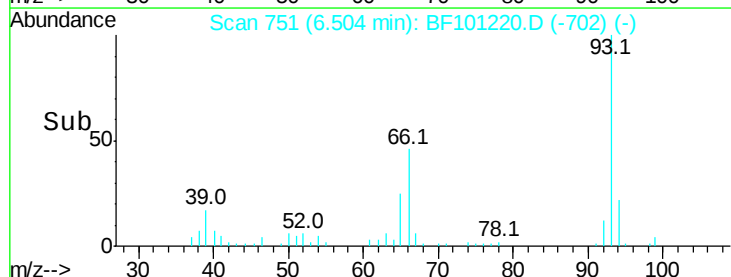
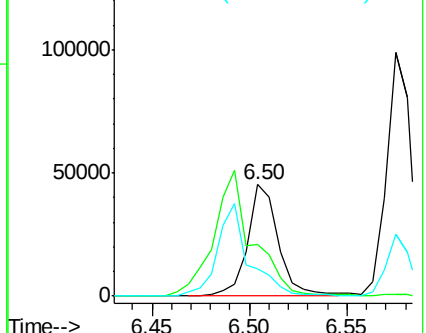
65 24.7 16.4 24.6#

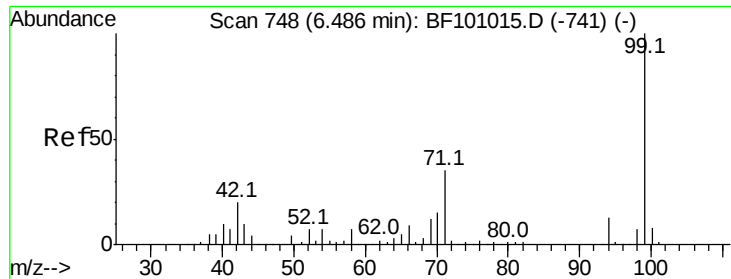


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.756 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampled :

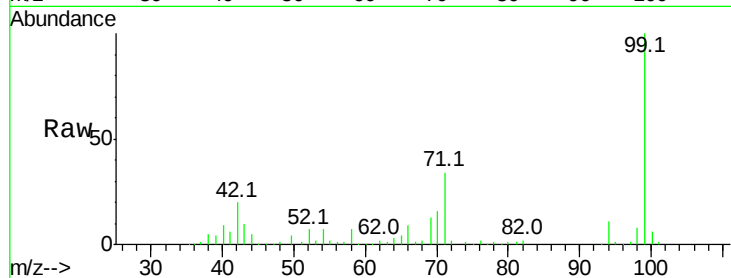
Tot Ion: 99 Resp: 220290

Ion Ratio Lower Upper

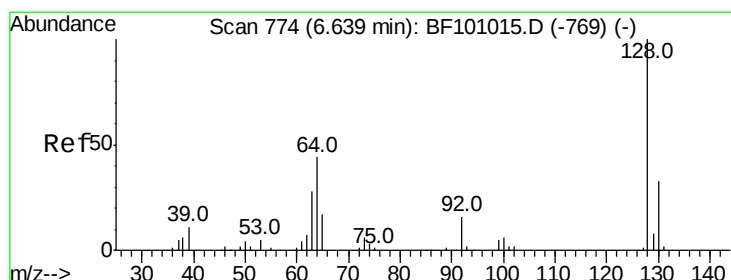
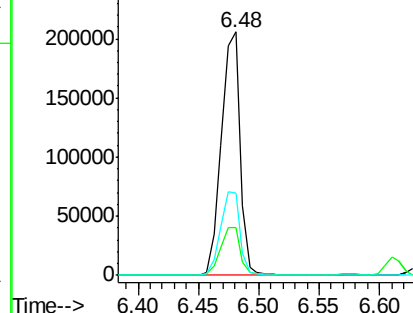
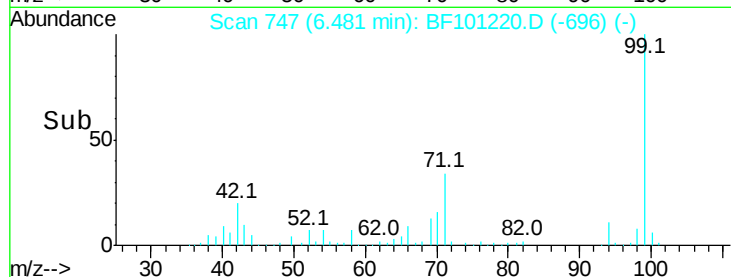
99 100

42 19.6 14.5 21.7

71 34.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 33.192 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

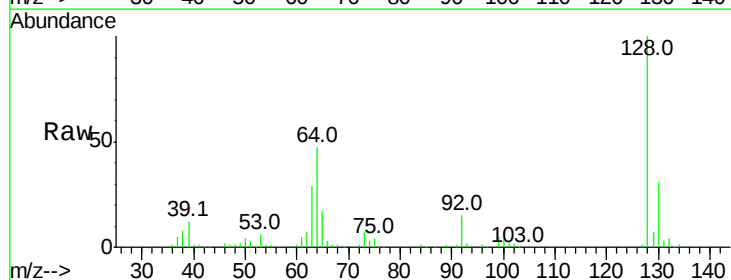
Tgt Ion:128 Resp: 95504

Ion Ratio Lower Upper

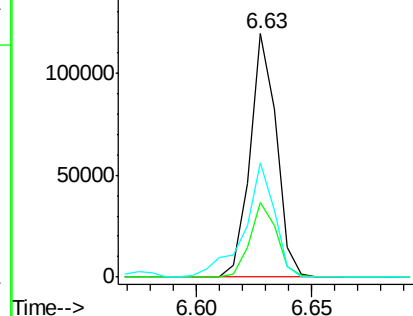
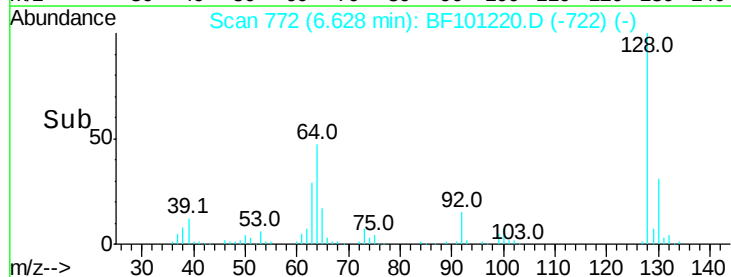
128 100

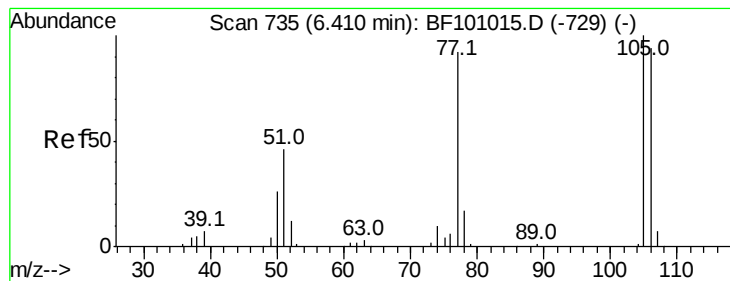
130 30.9 13.0 53.0

64 46.7 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: 15.625 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

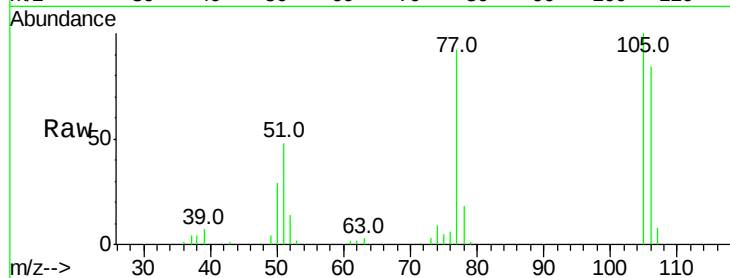
Tot Ion: 77 Resp: 30639

Ion Ratio Lower Upper

77 100

105 108.3 81.1 121.1

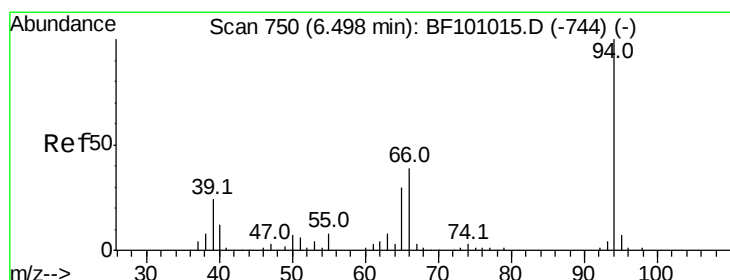
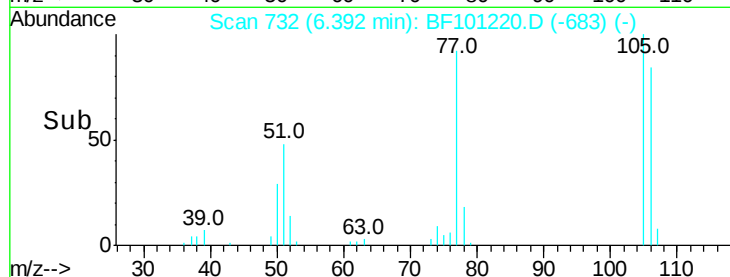
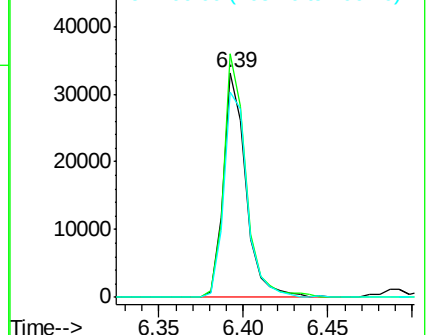
106 91.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.775 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

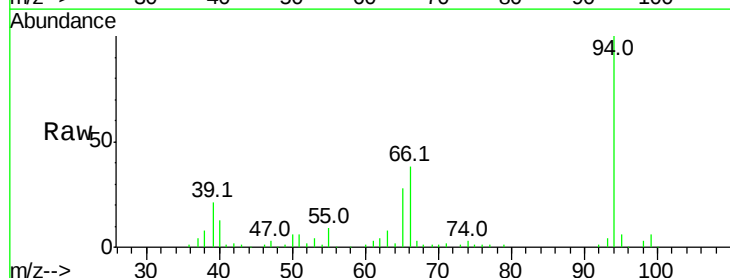
Tgt Ion: 94 Resp: 109639

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

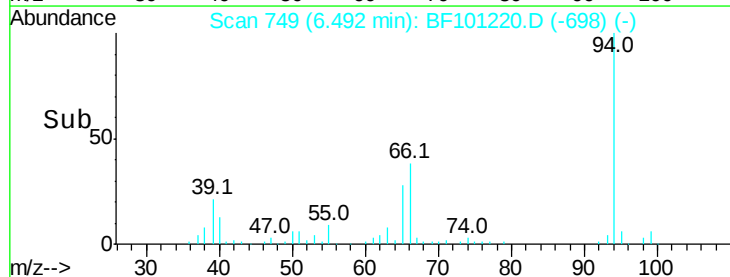
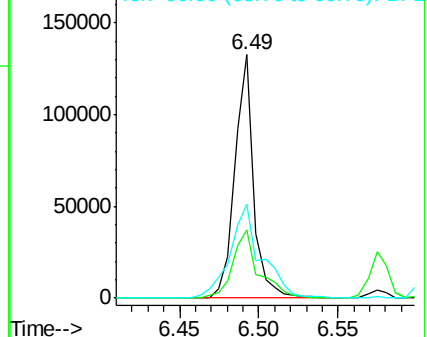
66 38.4 16.2 56.2

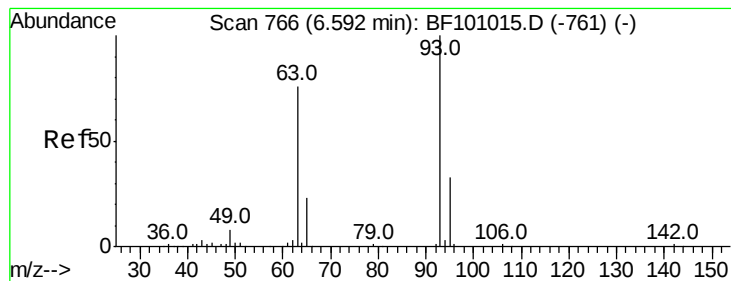


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

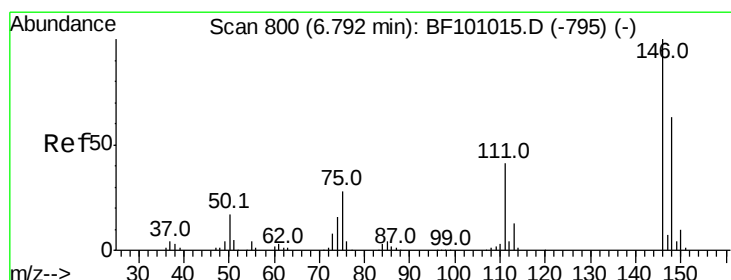
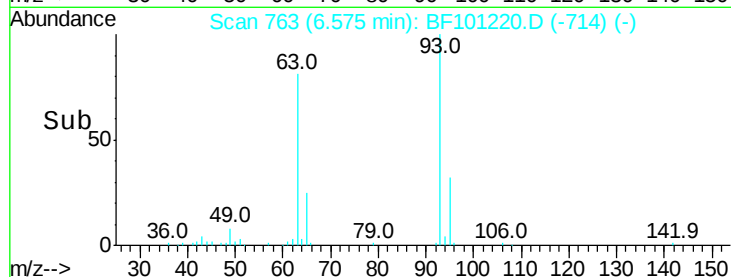
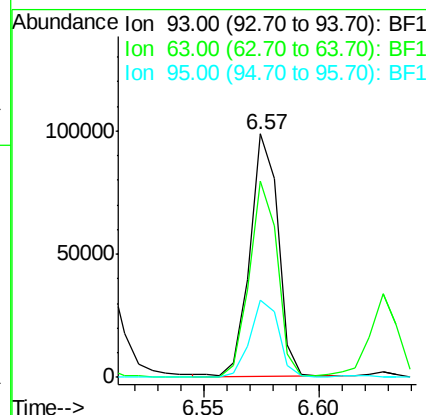
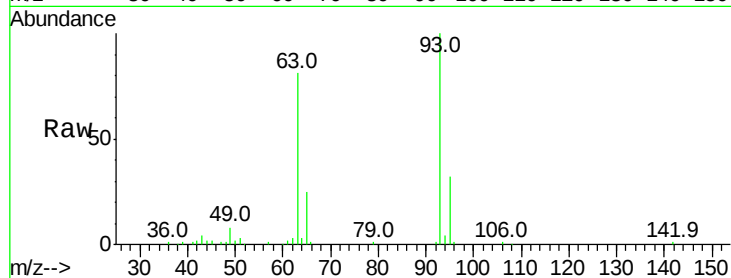




#11
bis(2-Chloroethyl)ether
Concen: 31.573 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

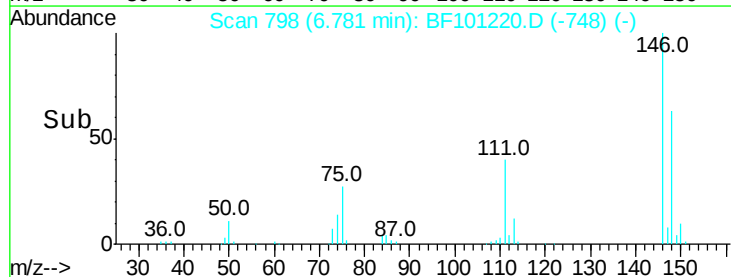
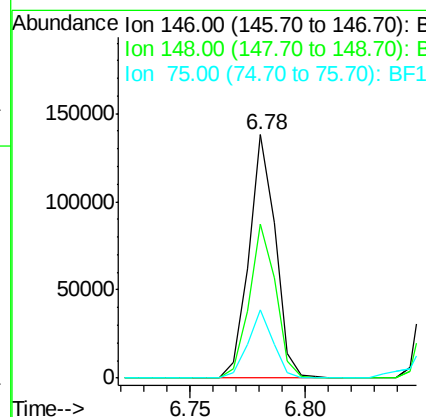
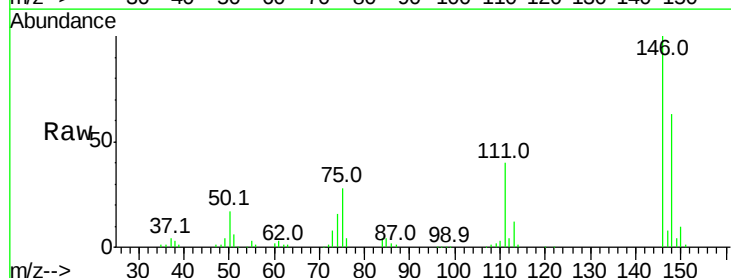
Instrument :
BNA_F
ClientSampleId :

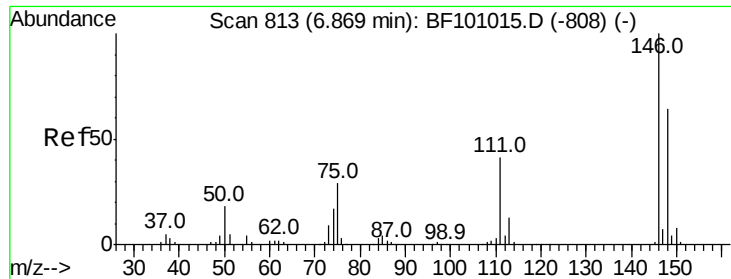
Tot Ion: 93 Resp: 84370
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.075 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion: 146 Resp: 110815
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 28.2 24.2 36.4

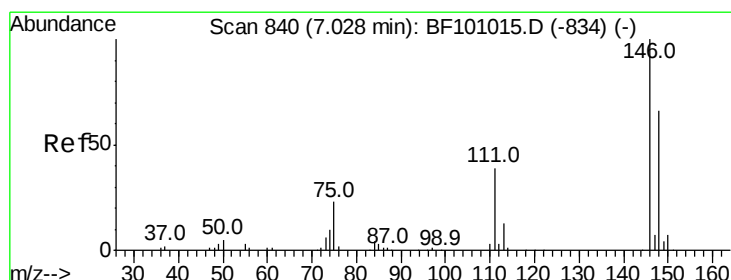
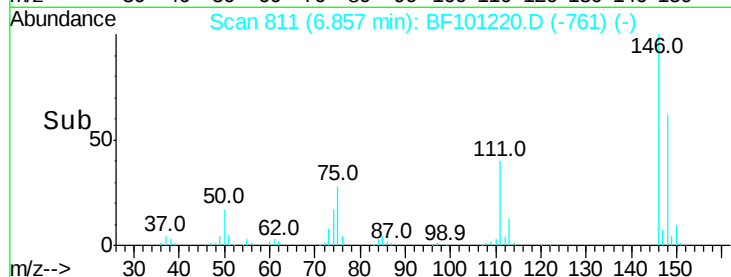
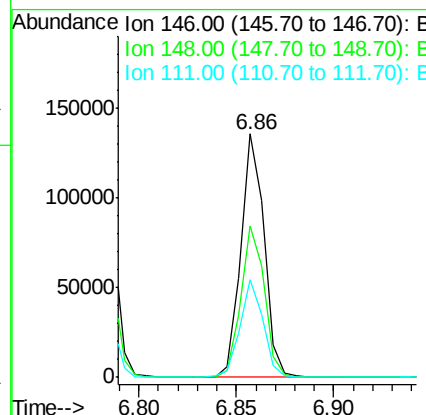
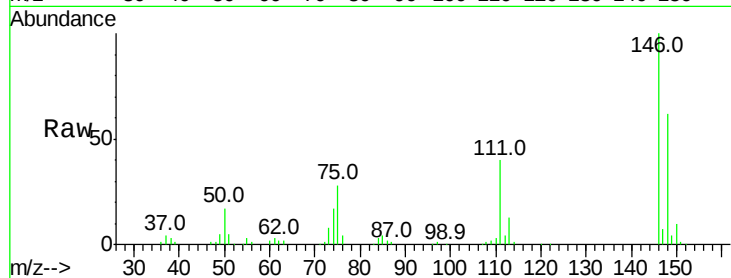




#13
 1,4-Dichlorobenzene
 Concen: 32.453 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

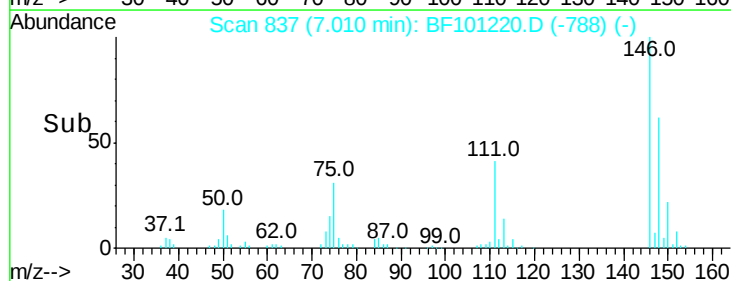
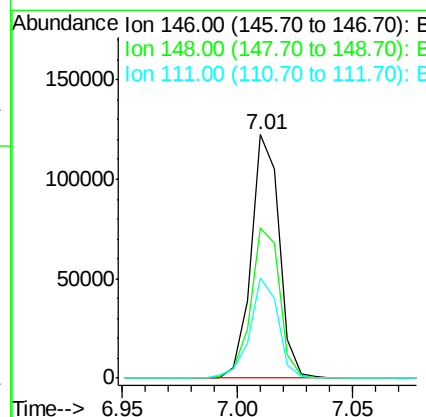
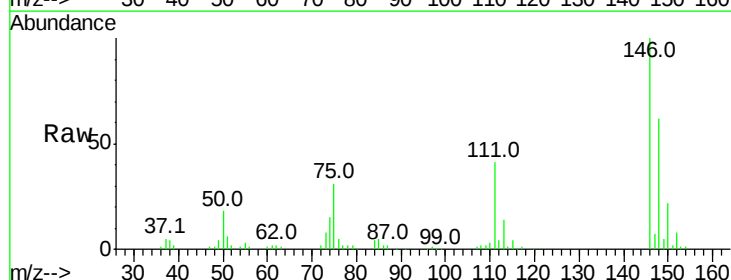
Instrument :
 BNA_F
 ClientSampleId :

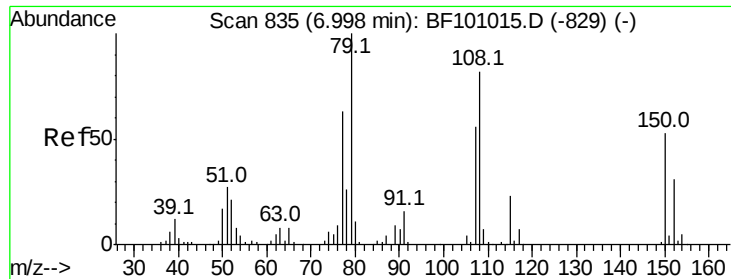
Tot Ion:146 Resp: 112572
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.150 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:146 Resp: 104019
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.6 75.8
 111 41.1 36.0 54.0

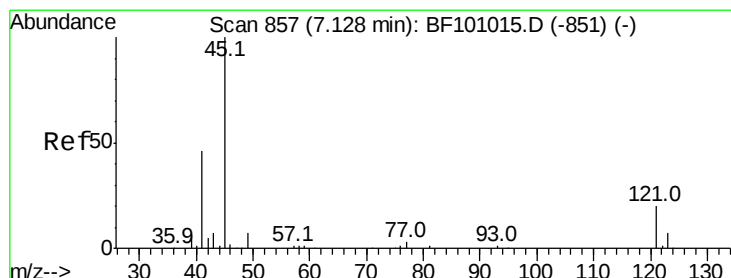
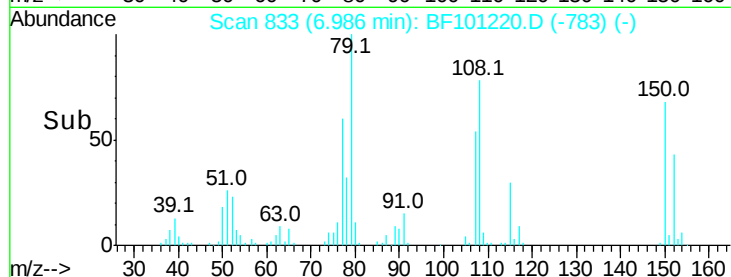
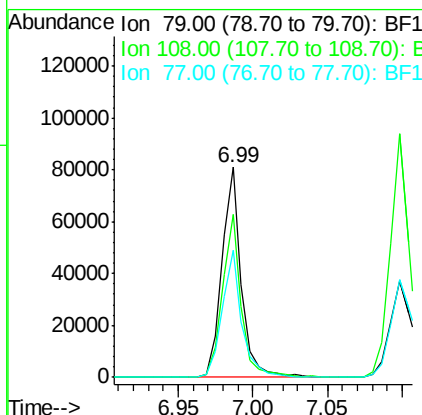
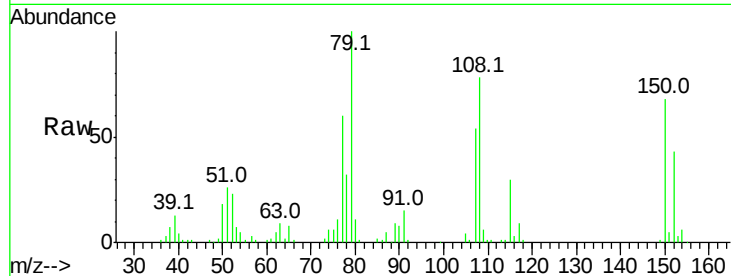




#15
Benzyl Alcohol
Concen: 29.735 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

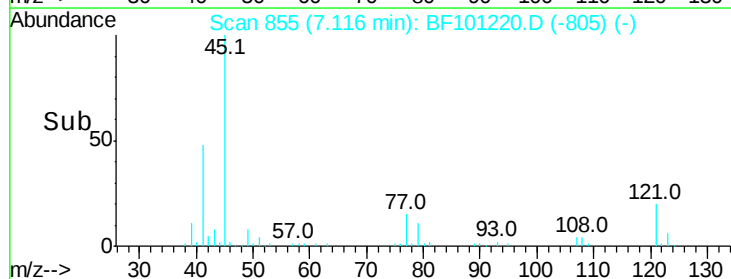
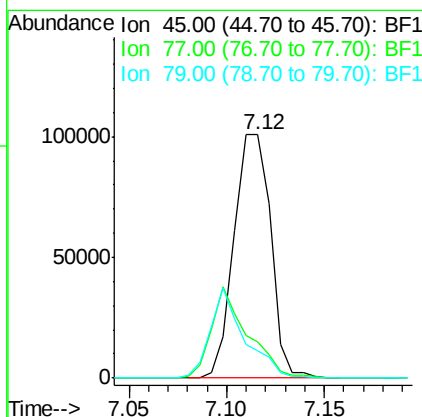
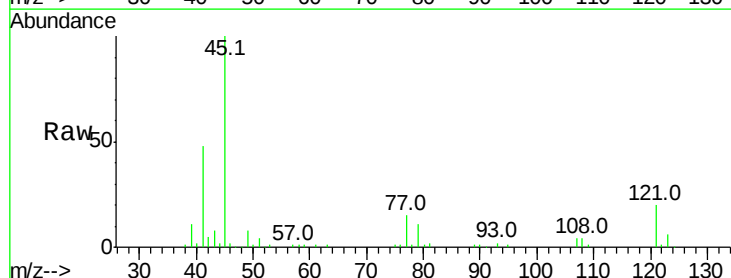
Instrument :
BNA_F
ClientSampleId :

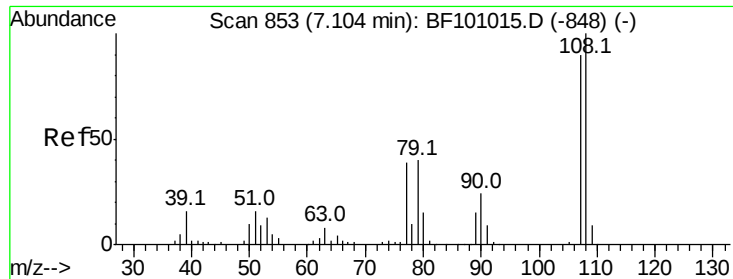
Tot Ion: 79 Resp: 73582
Ion Ratio Lower Upper
79 100
108 77.6 65.1 97.7
77 60.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.389 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion: 45 Resp: 132175
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 11.2 0.0 29.6

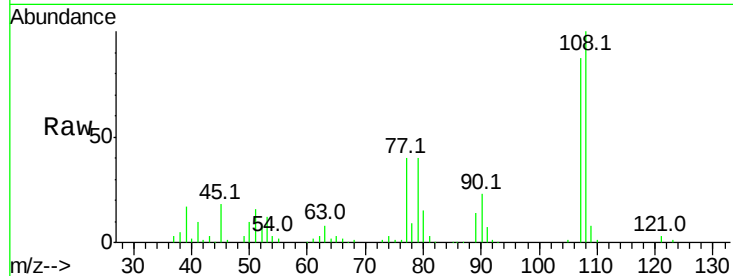




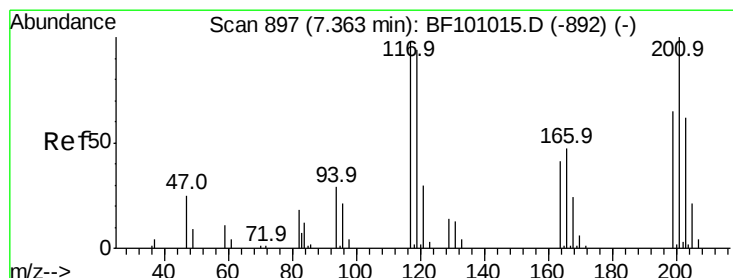
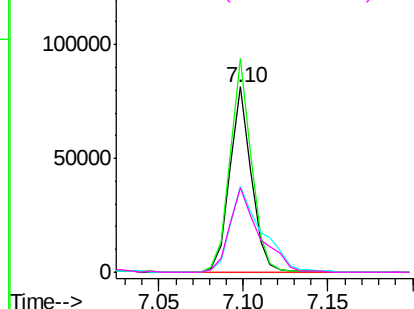
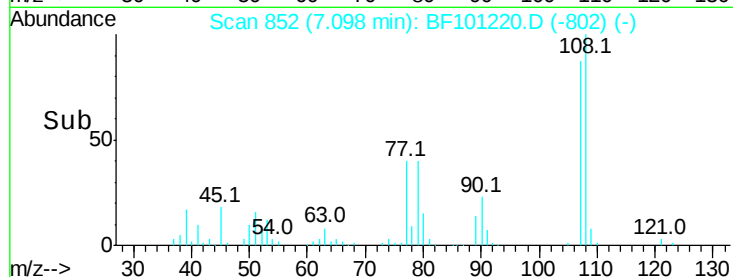
#17
2-Methylphenol
Concen: 31.465 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 73105
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 46.5 33.8 50.8
79 45.7 33.8 50.8

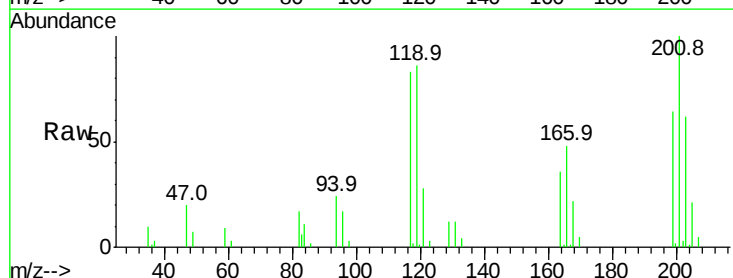


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

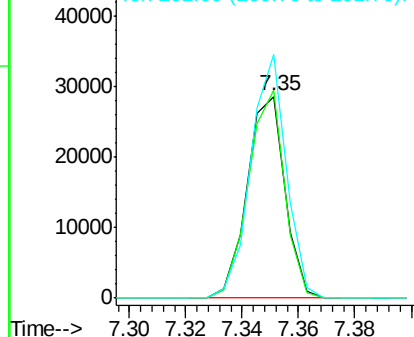
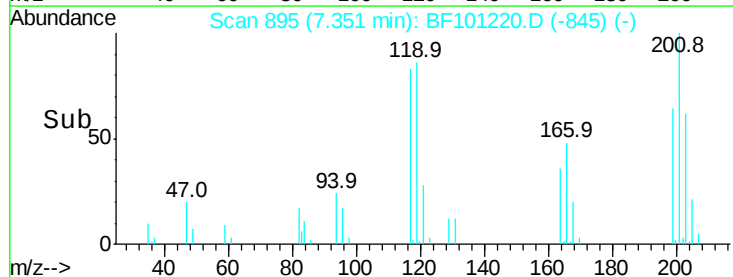


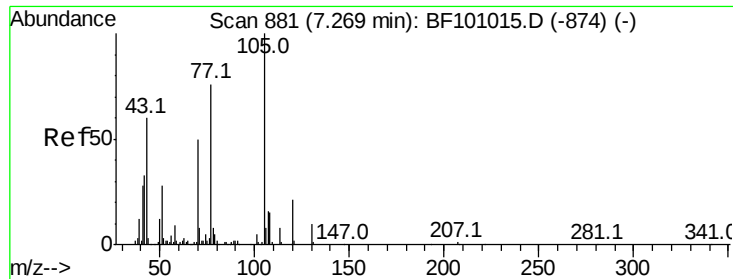
#18
Hexachloroethane
Concen: 23.770 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:117 Resp: 26490
Ion Ratio Lower Upper
117 100
119 103.2 75.8 113.8
201 120.7 75.7 113.5#



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

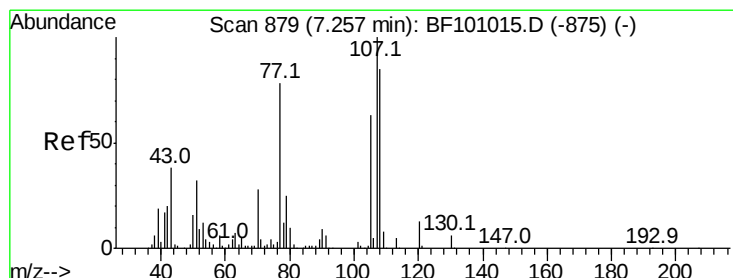
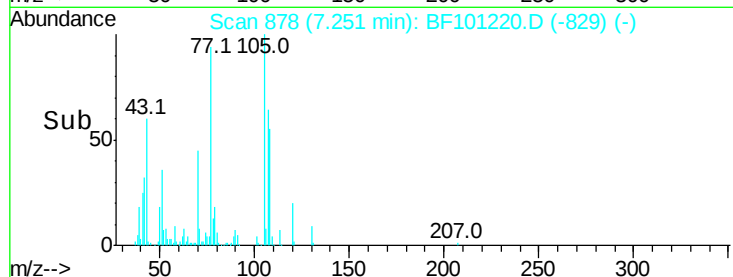
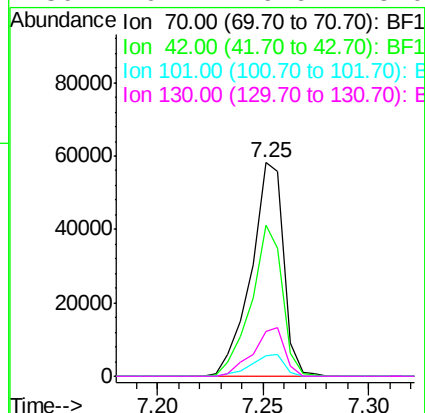
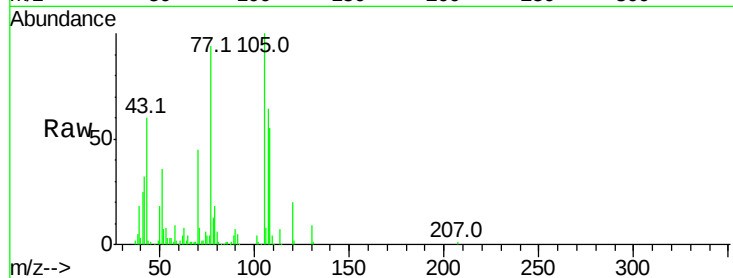




#19
n-Nitroso-di-n-propylamine
Concen: 28.924 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

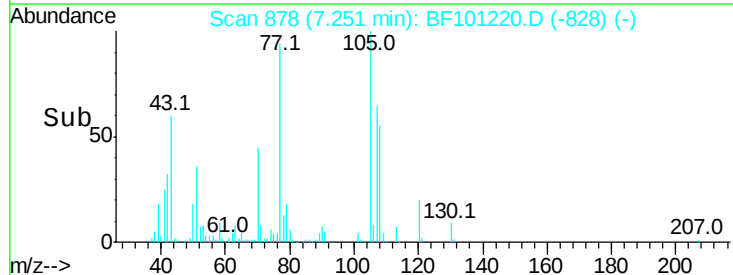
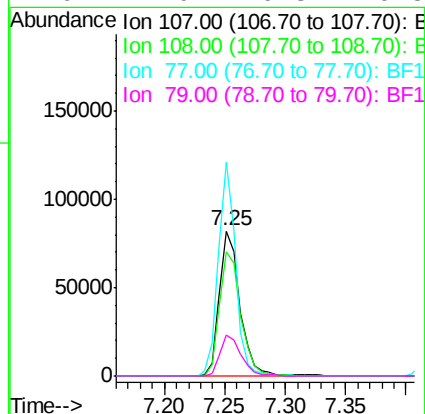
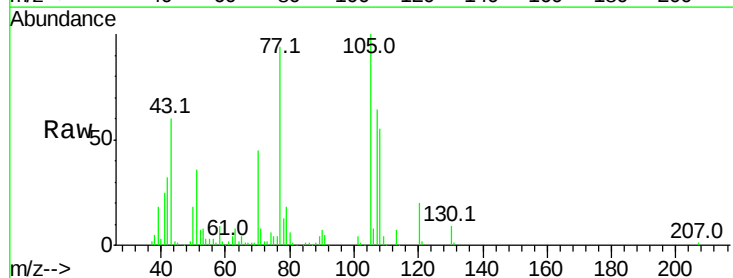
Instrument :
BNA_F
ClientSampleId :

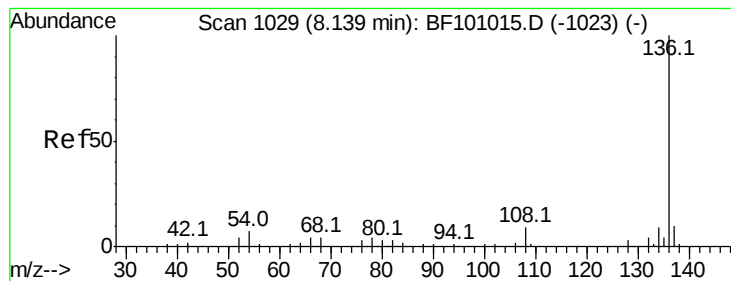
Tot Ion: 70 Resp: 62411
Ion Ratio Lower Upper
70 100
42 71.0 47.5 71.3
101 9.9 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 31.515 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:107 Resp: 95494
Ion Ratio Lower Upper
107 100
108 85.6 68.2 108.2
77 147.4 26.7 66.7#
79 27.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 162394

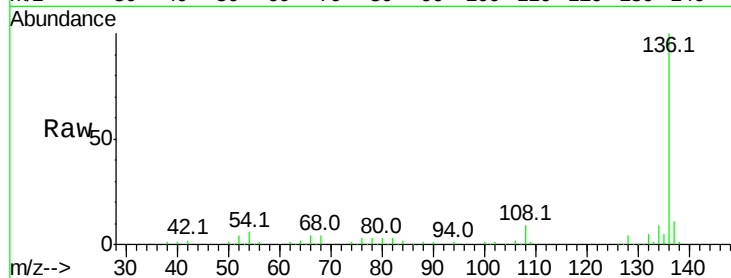
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.3 6.6 9.8#

68 4.3 5.0 7.4#

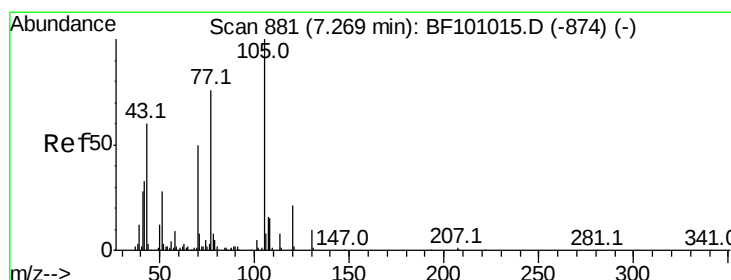
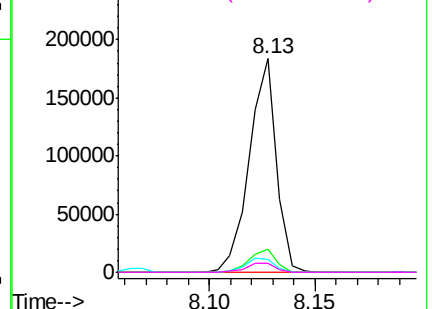
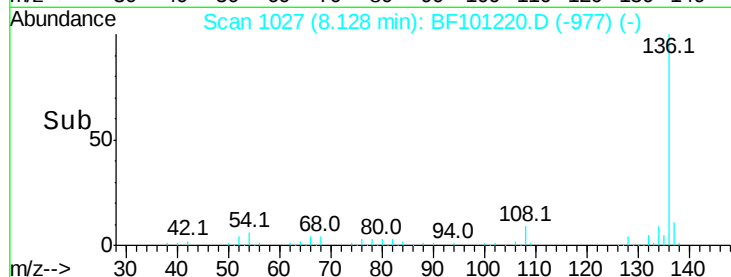


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.802 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:105 Resp: 124771

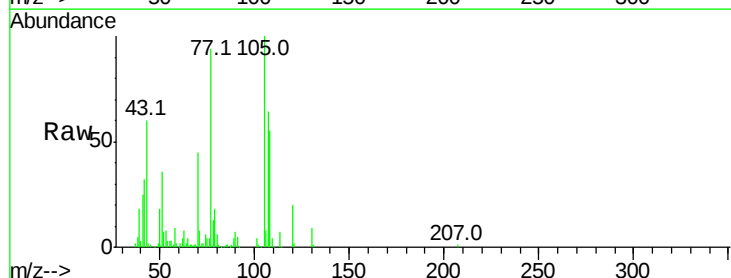
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 36.4 22.3 33.5#

120 20.2 16.9 25.3

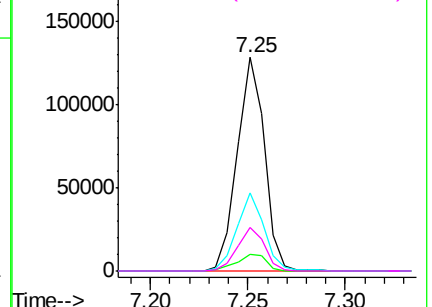
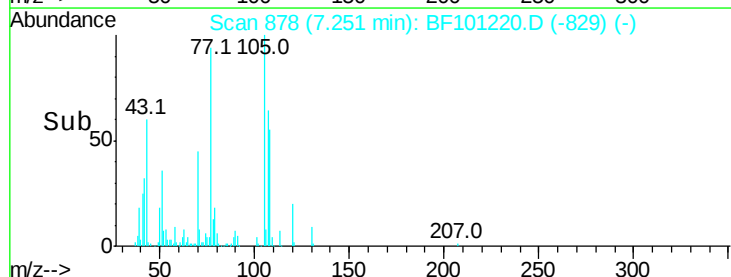


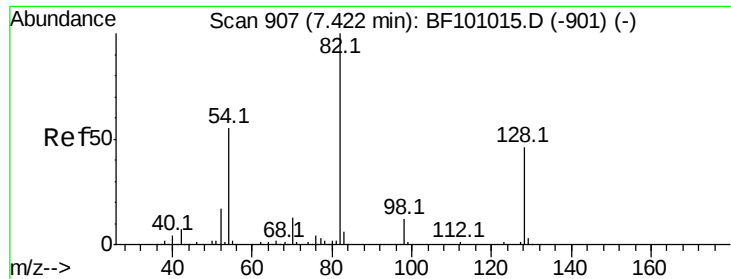
Abundance Ion 105.00 (104.70 to 105.70): E

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

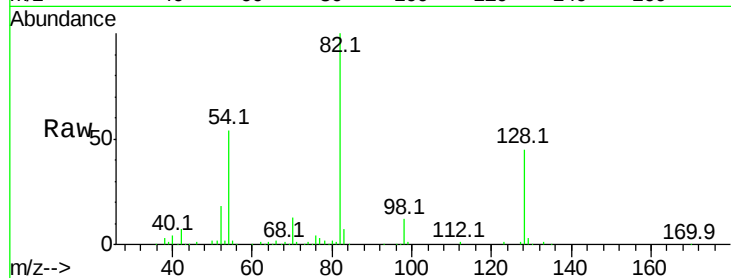




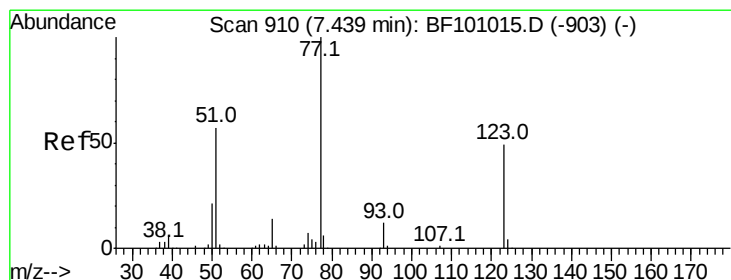
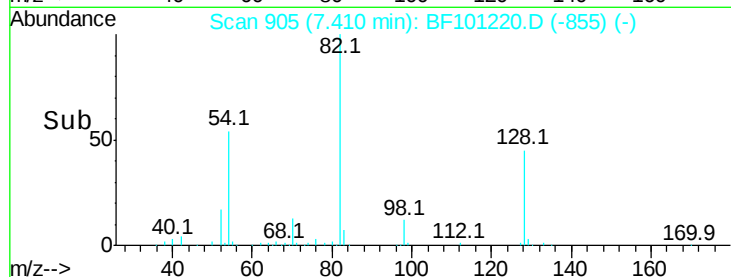
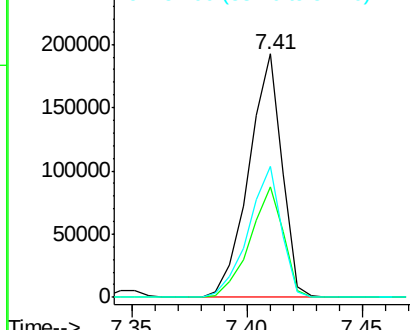
#23
Nitrobenzene-d5
Concen: 70.715 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	192507
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	53.6	41.4	62.2

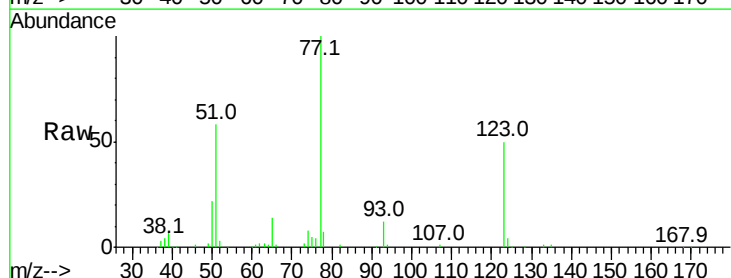


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

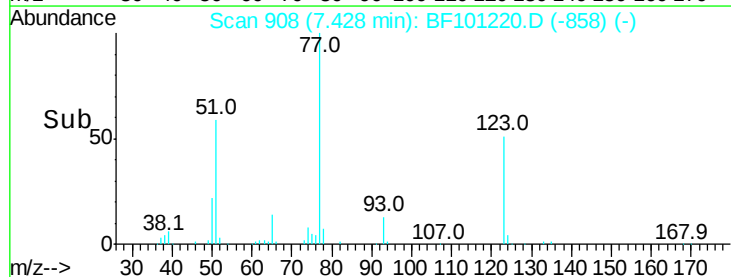
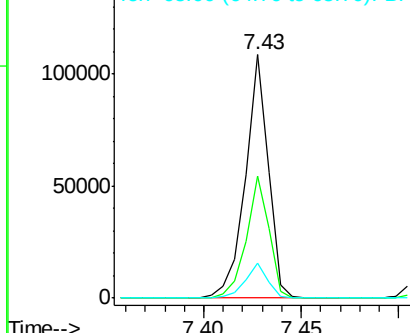


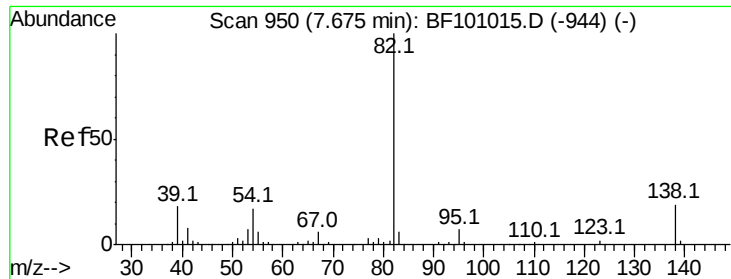
#24
Nitrobenzene
Concen: 33.174 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	77	Resp	88511
Ion Ratio	100	Lower	Upper
123	50.1	37.9	56.9
65	14.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.576 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

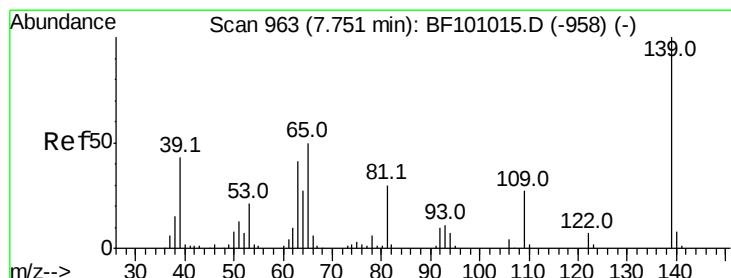
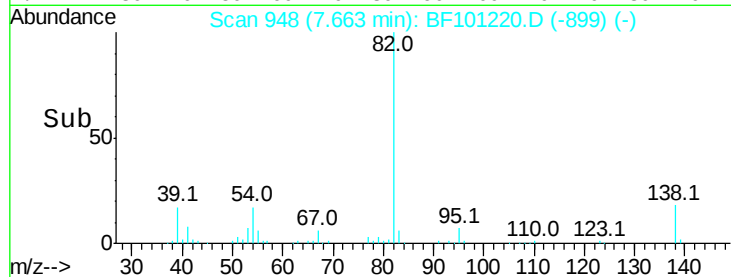
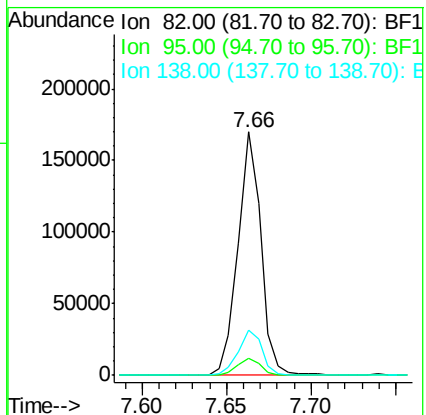
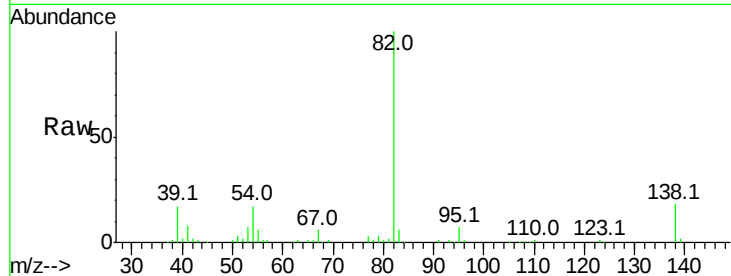
Tot Ion: 82 Resp: 160777

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 21.532 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

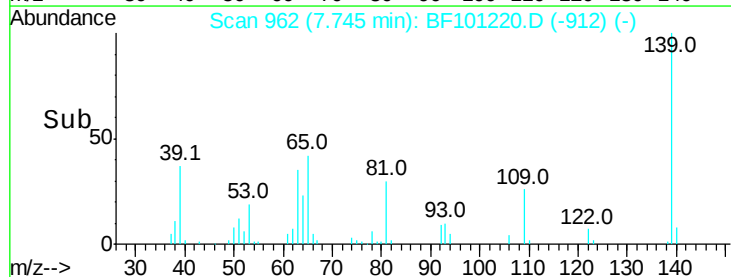
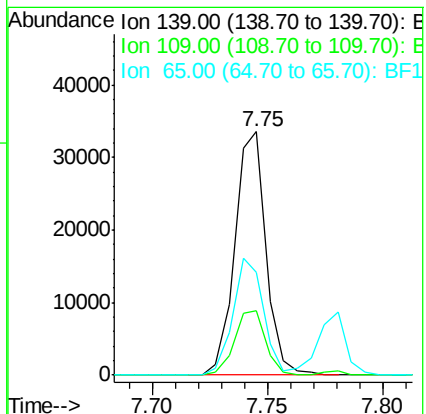
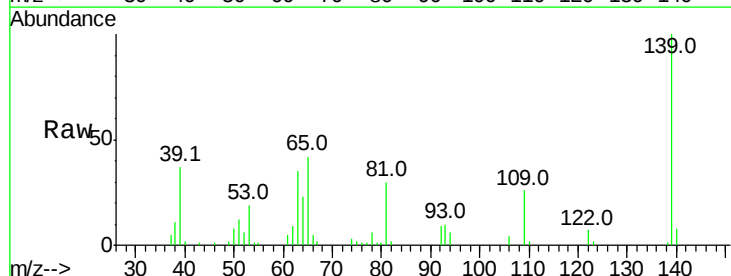
Tgt Ion: 139 Resp: 31536

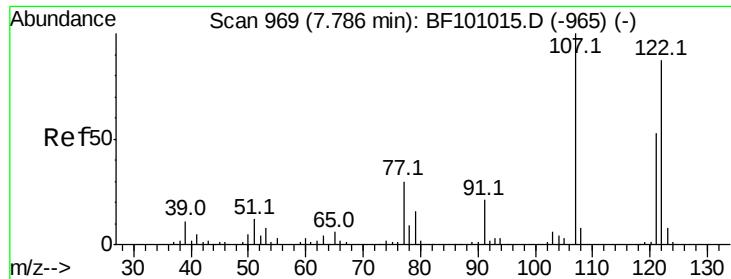
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 42.4 40.5 60.7

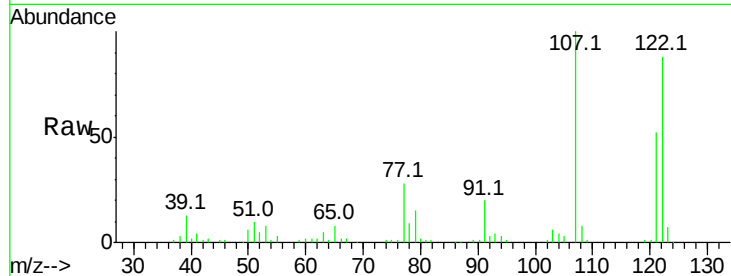




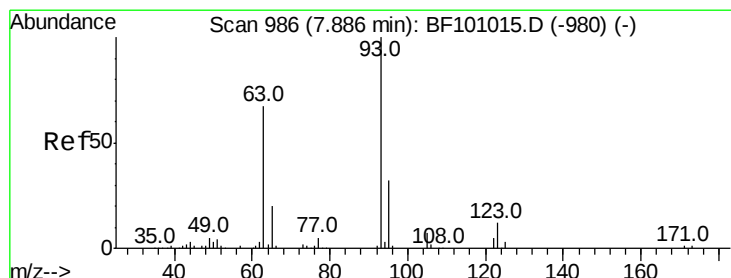
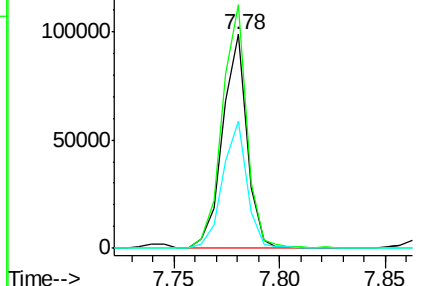
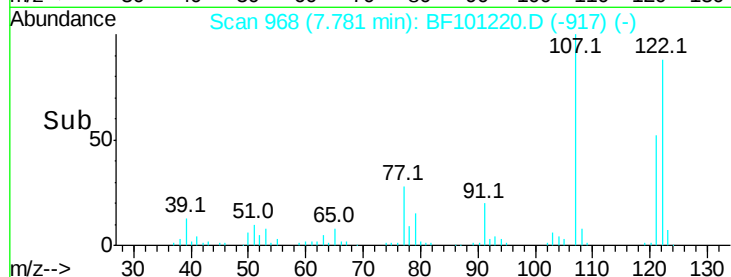
#27
 2,4-Dimethylphenol
 Concen: 37.270 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 78965
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 59.4 47.2 70.8

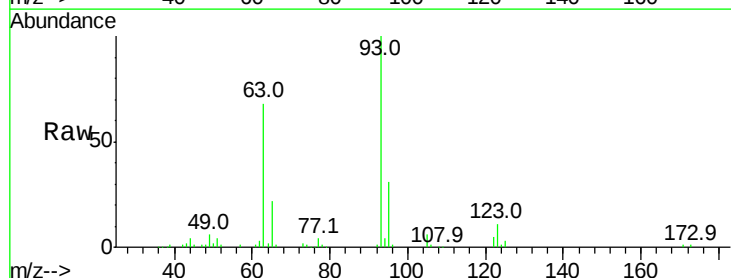


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

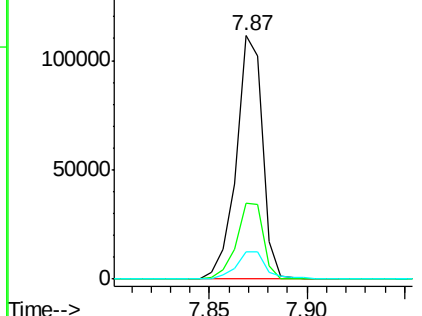
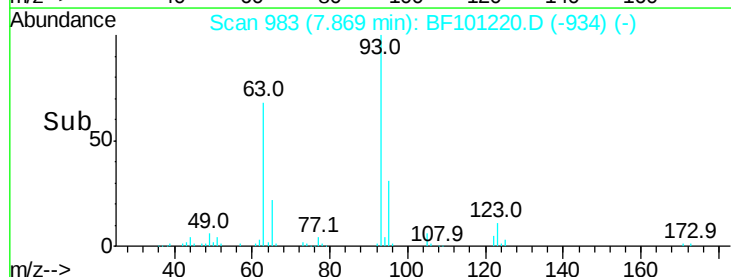


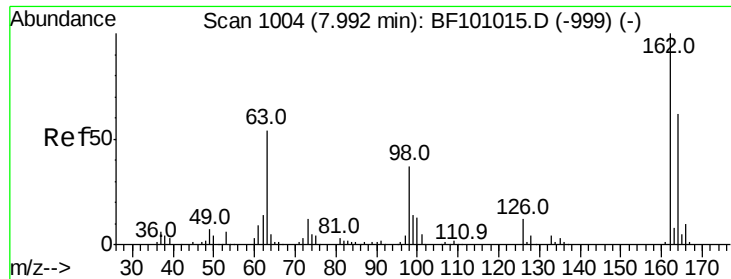
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.155 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion: 93 Resp: 103619
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.3 39.5
 123 11.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

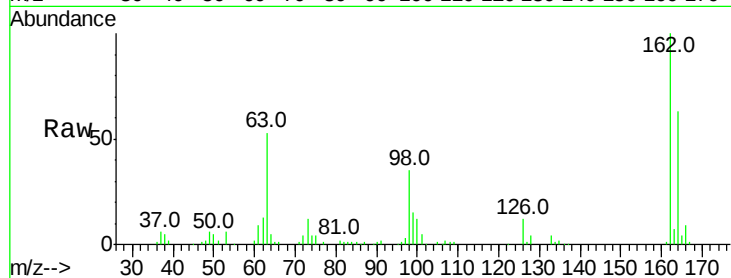




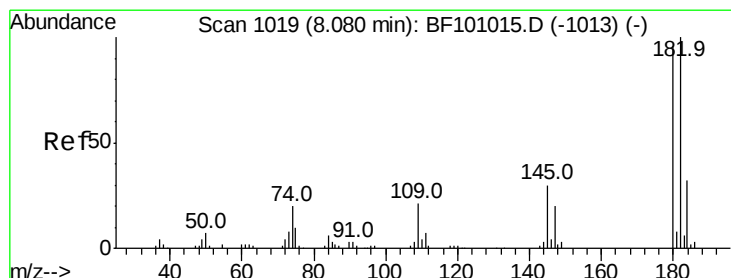
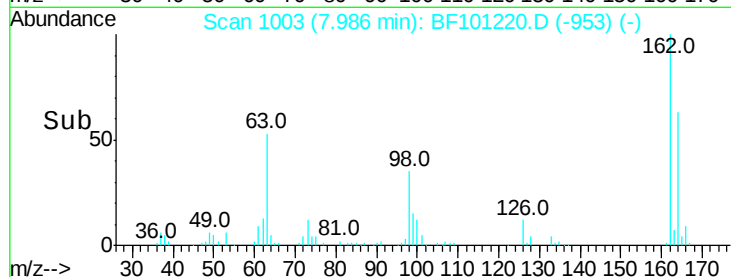
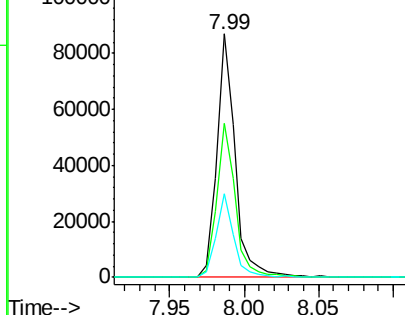
#29
 2,4-Dichlorophenol
 Concen: 32.231 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 74332
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 34.6 18.1 58.1

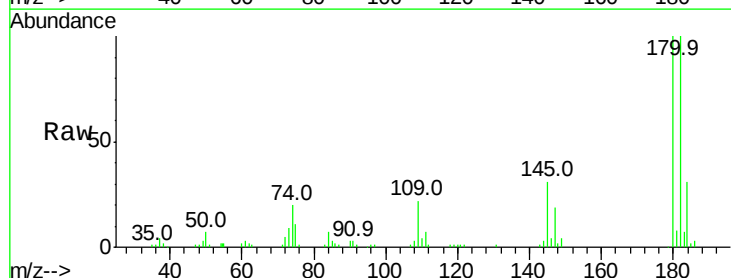


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

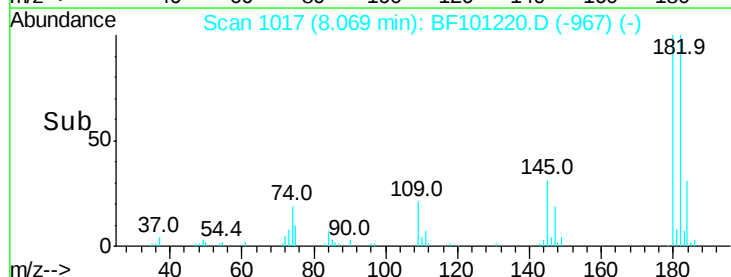
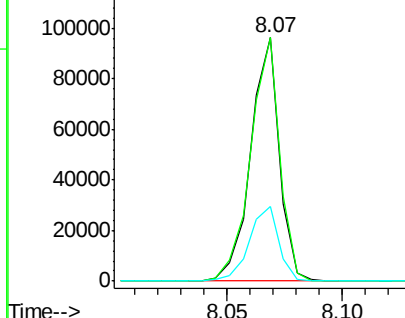


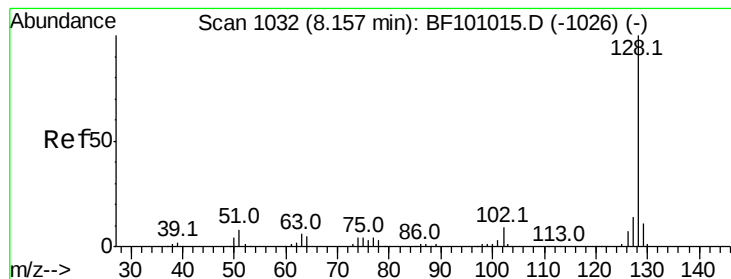
#30
 1,2,4-Trichlorobenzene
 Concen: 32.962 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:180 Resp: 83589
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.8 115.2
 145 31.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.152 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

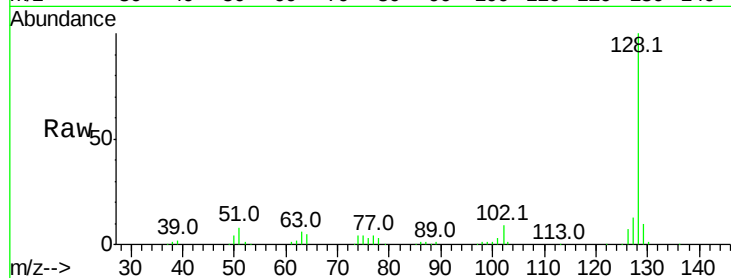
Tot Ion:128 Resp: 257334

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

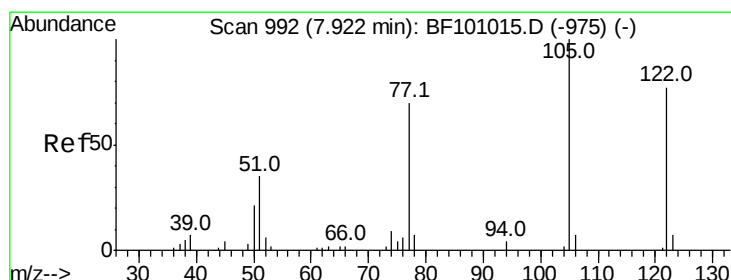
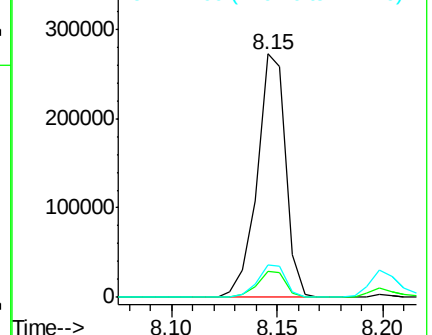
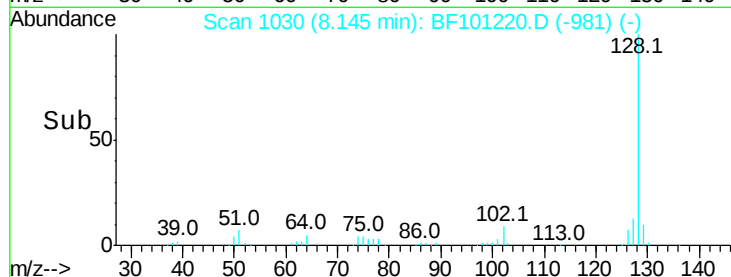
127 13.5 10.9 16.3



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: 18.877 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

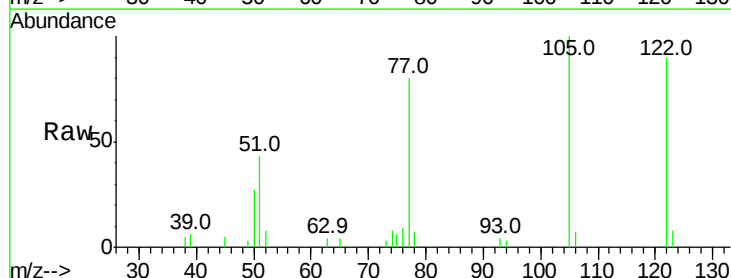
Tgt Ion:122 Resp: 31107

Ion Ratio Lower Upper

122 100

105 111.1 101.1 141.1

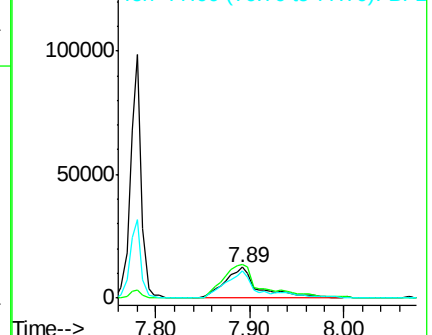
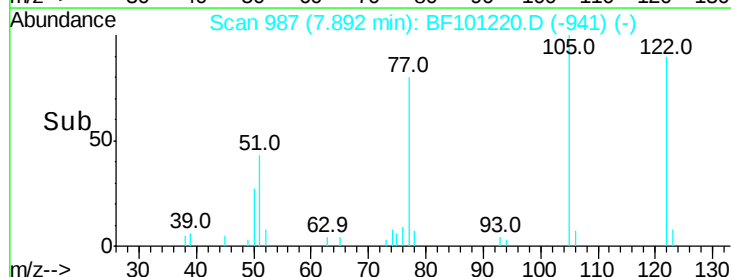
77 88.6 70.7 110.7

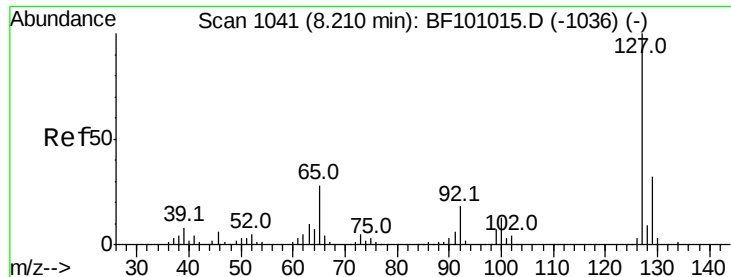


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

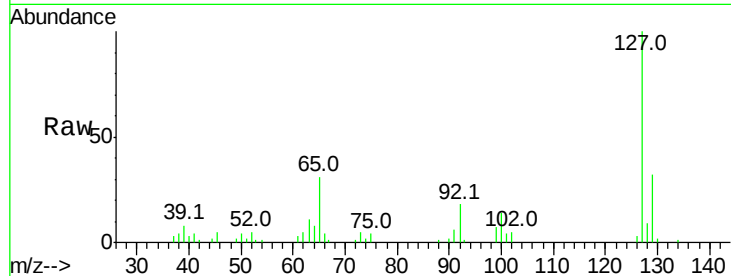




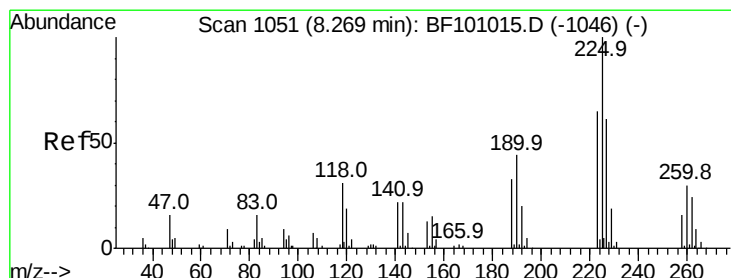
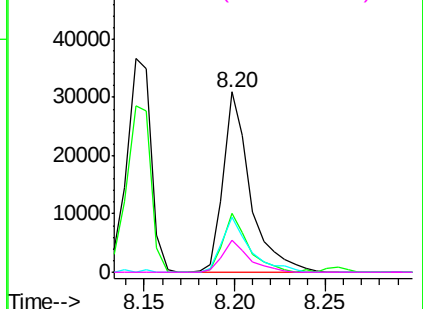
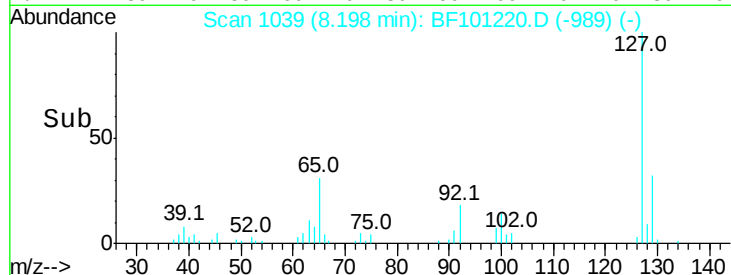
#33
4-Chloroaniline
Concen: 10.101 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 32484
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 30.9 25.0 37.4
92 18.1 15.2 22.8

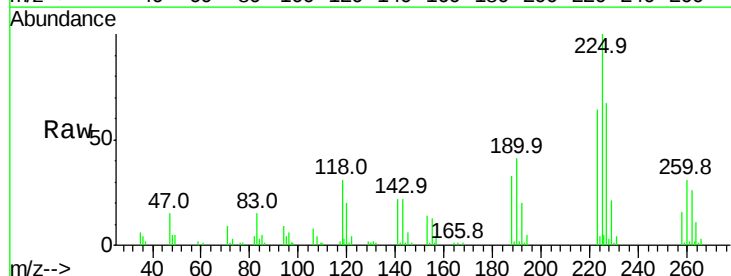


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

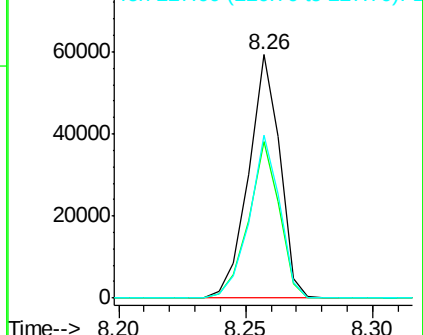
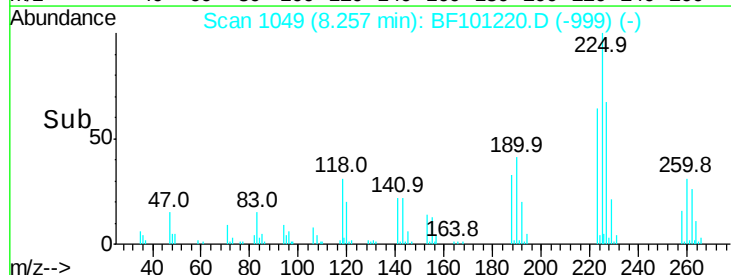


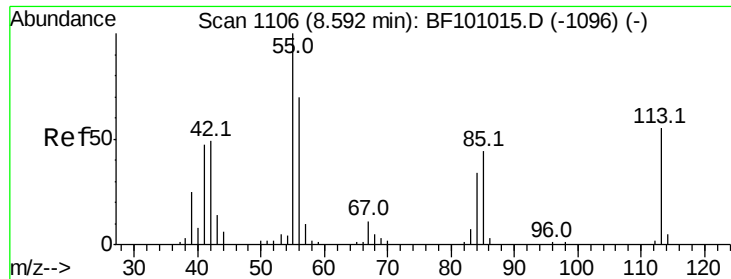
#34
Hexachlorobutadiene
Concen: 32.751 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:225 Resp: 50940
Ion Ratio Lower Upper
225 100
223 64.4 50.6 76.0
227 66.8 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

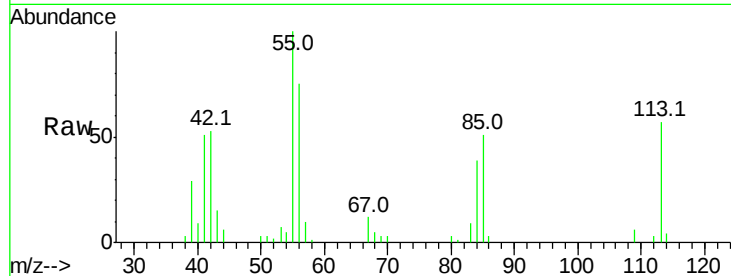




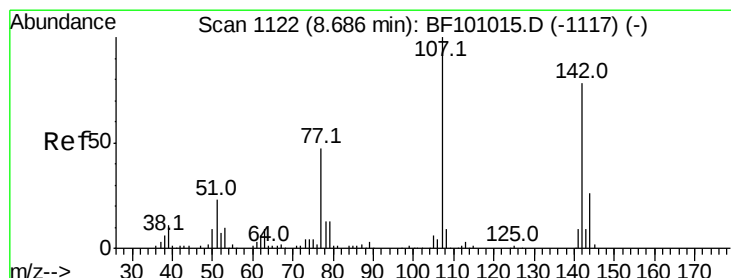
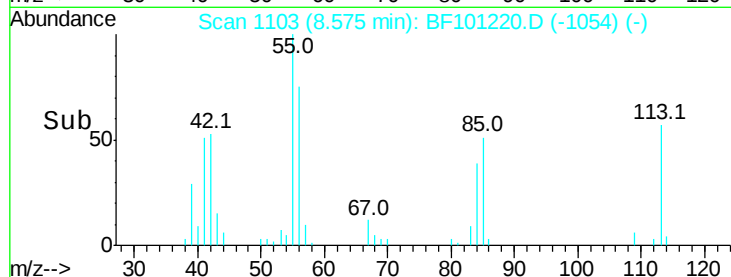
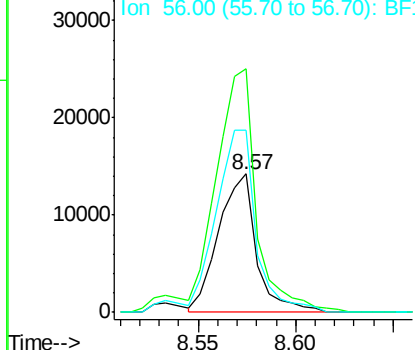
#35
Caprolactam
Concen: 26.675 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 19172
Ion Ratio Lower Upper
113 100
55 176.0 163.3 203.3
56 131.4 115.7 155.7

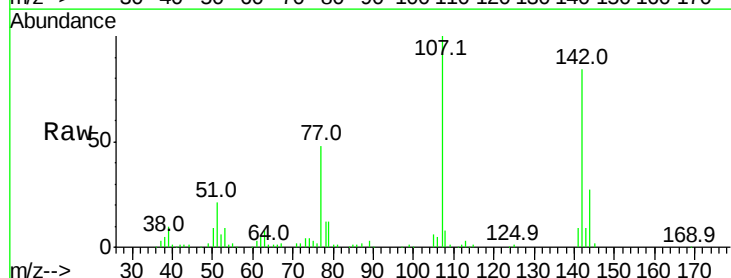


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

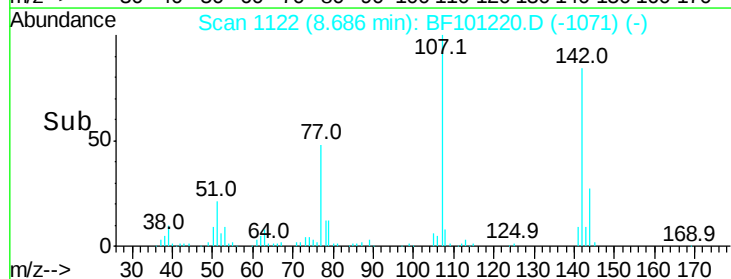
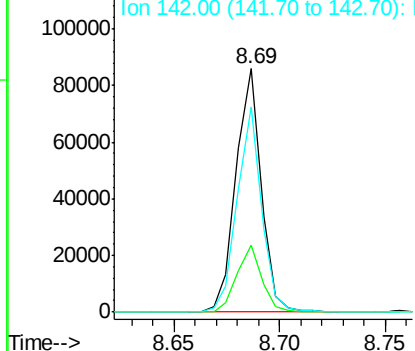


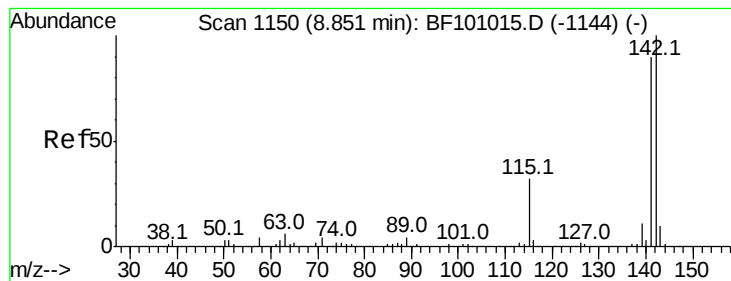
#36
4-Chloro-3-methylphenol
Concen: 29.722 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:107 Resp: 71005
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 84.2 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: 31.310 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampled :

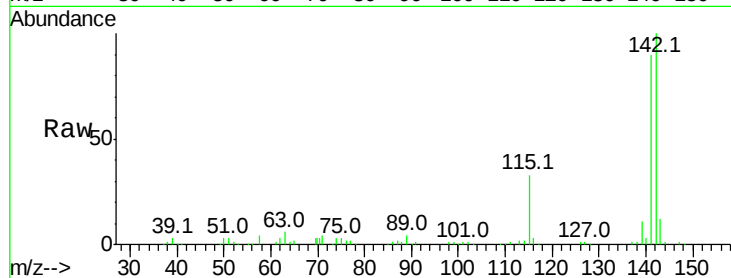
Tot Ion:142 Resp: 170271

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

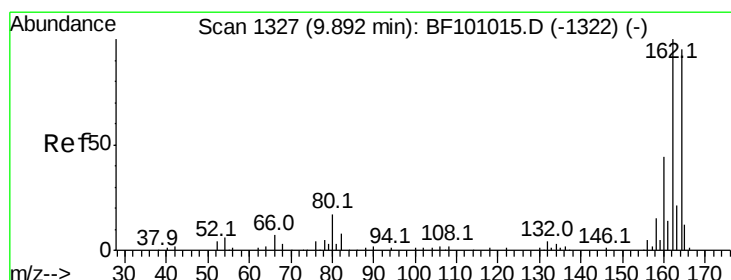
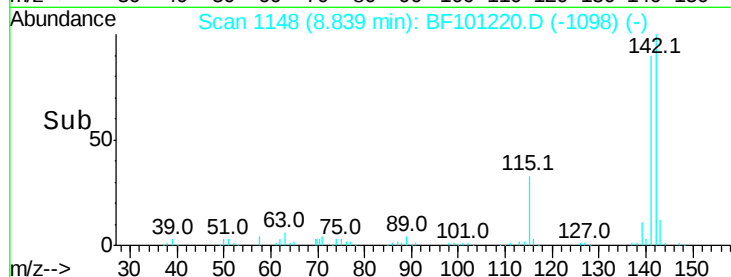
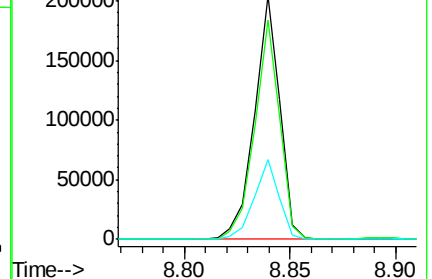
115 32.6 26.1 39.1



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

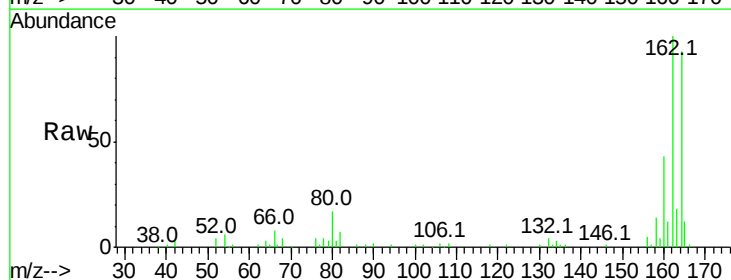
Tgt Ion:164 Resp: 65660

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

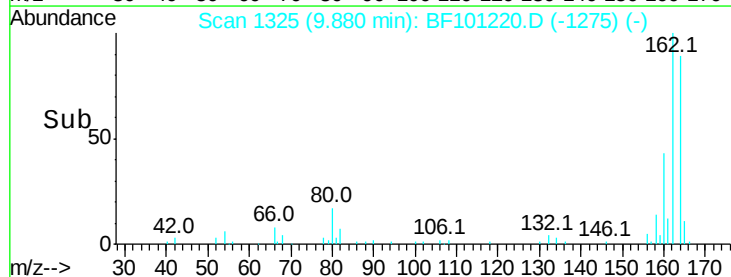
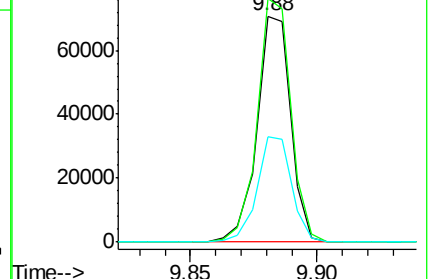
160 46.8 38.3 57.5

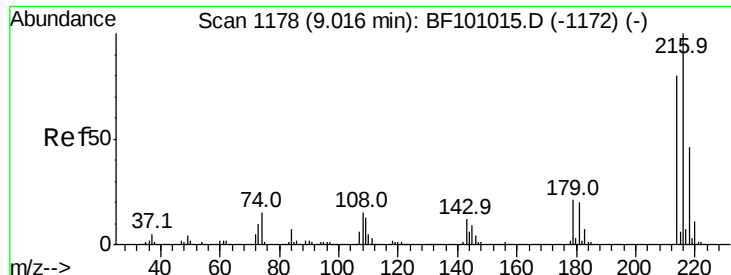


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

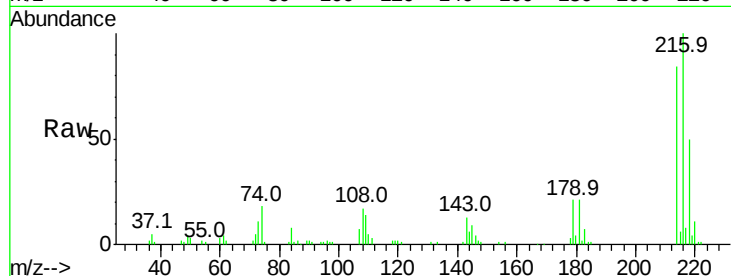




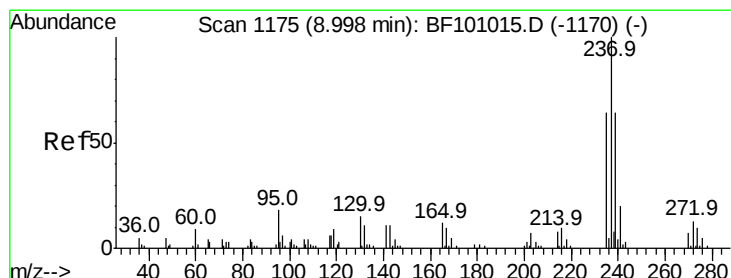
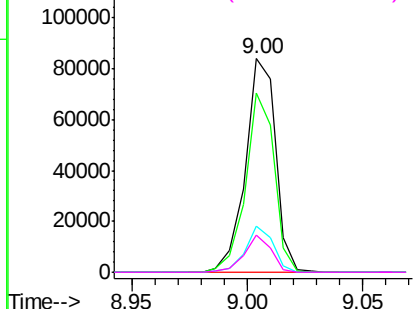
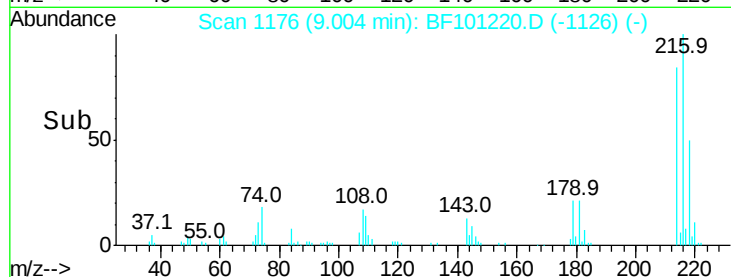
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.292 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 77025
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.0 94.4
 179 19.7 18.1 27.1
 108 15.4 17.2 25.8#

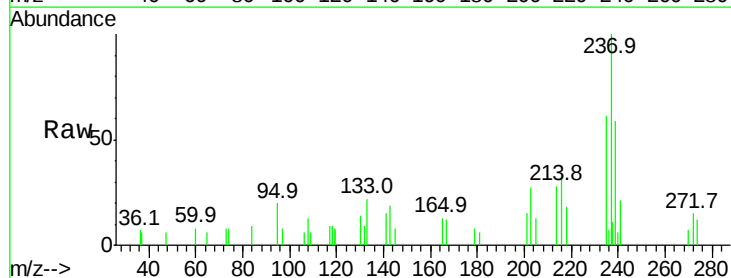


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

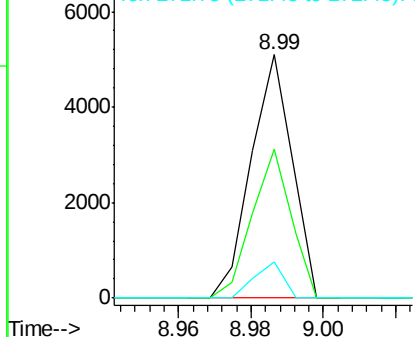
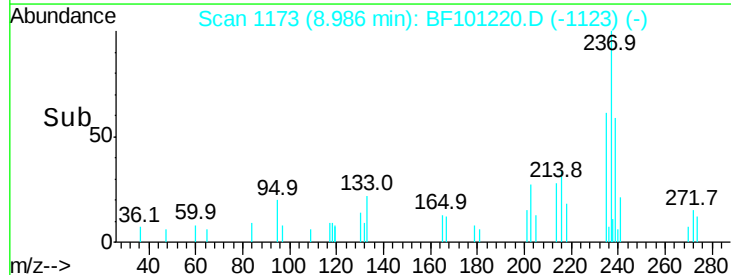


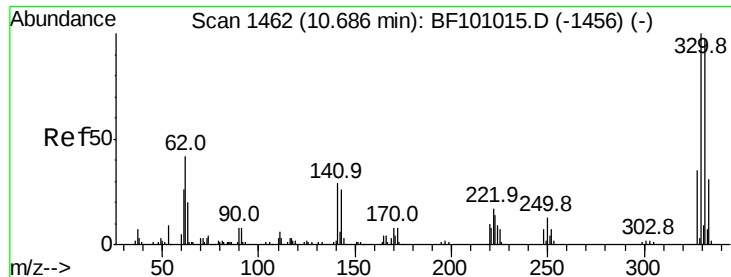
#40
 Hexachlorocyclopentadiene
 Concen: 12.298 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:237 Resp: 3995
 Ion Ratio Lower Upper
 237 100
 235 61.0 44.8 84.8
 272 14.8 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

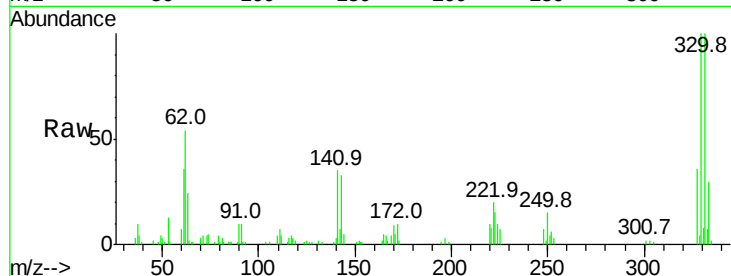




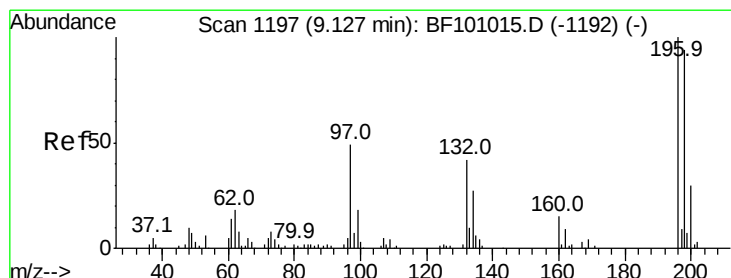
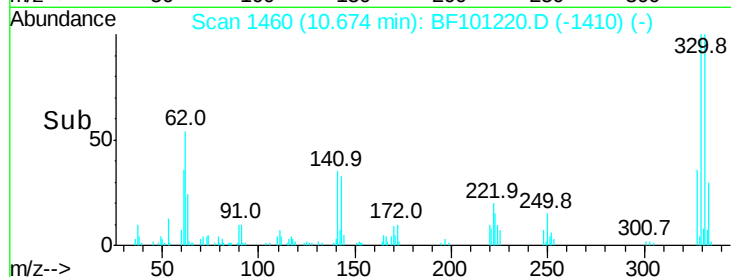
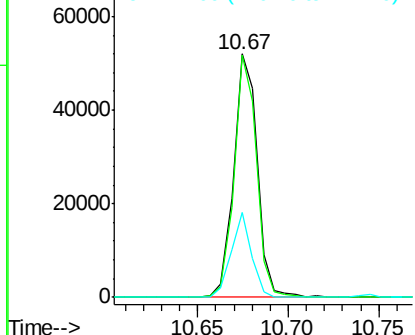
#41
 2,4,6-Tribromophenol
 Concen: 59.814 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 47179
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 29.9 29.9 44.9

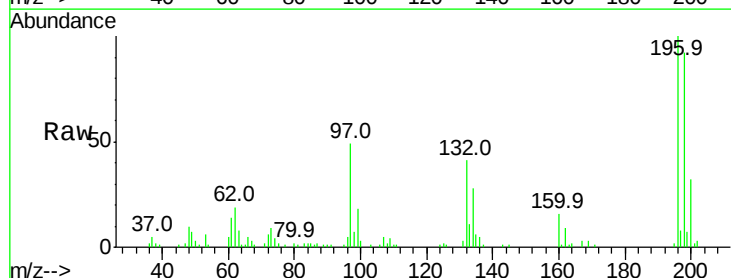


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

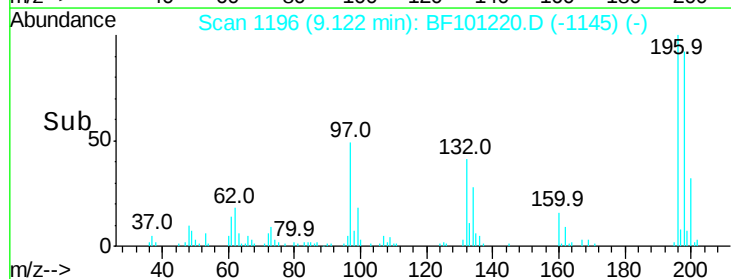
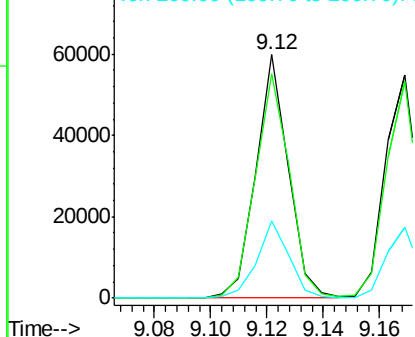


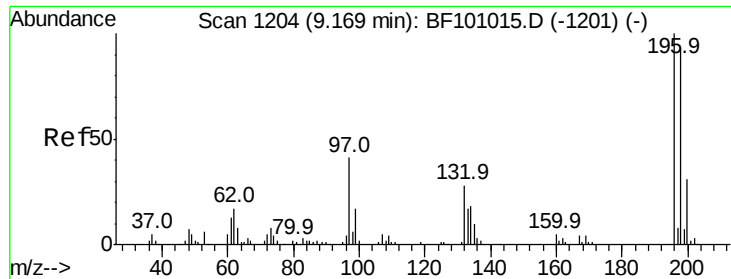
#42
 2,4,6-Trichlorophenol
 Concen: 34.241 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:196 Resp: 47879
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.7 113.5
 200 31.6 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

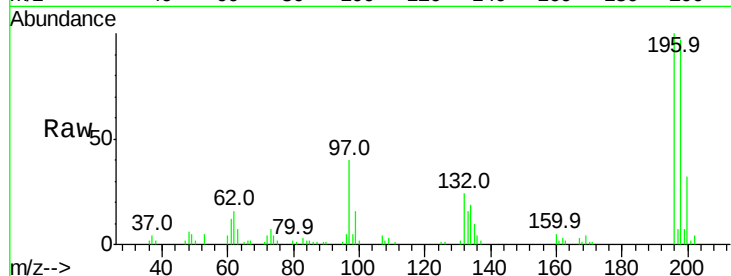




#43
 2,4,5-Trichlorophenol
 Concen: 32.983 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	39.7	42.9	64.3#
132	24.3	26.3	39.5#



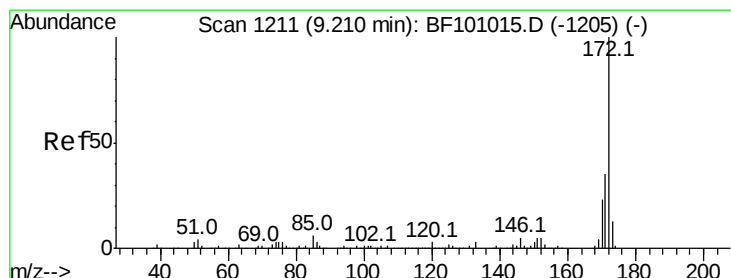
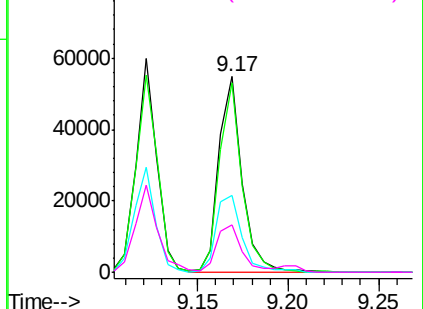
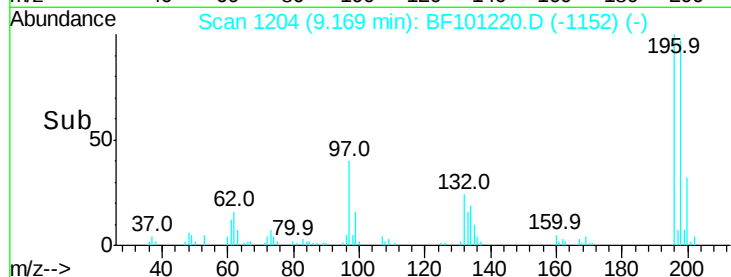
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

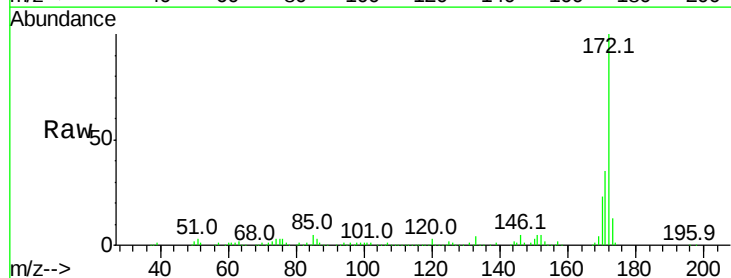
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.766 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4

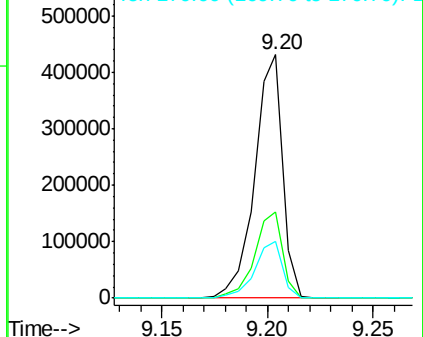
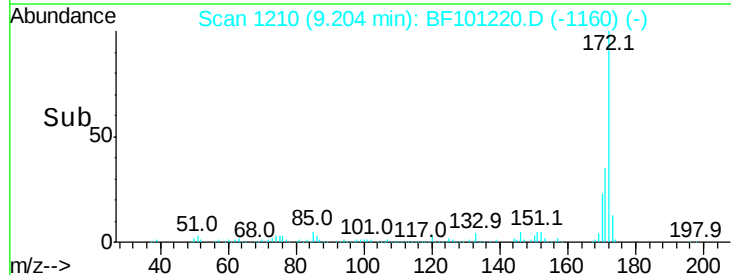


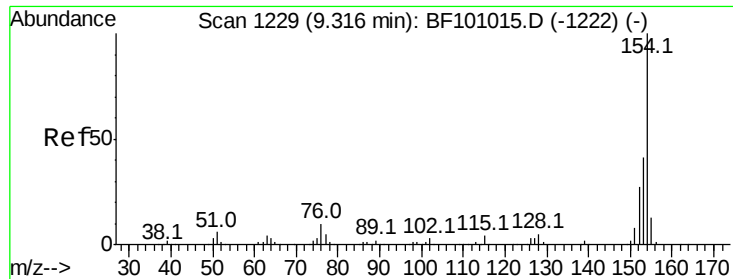
Abundance

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: 32.410 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF101220.D

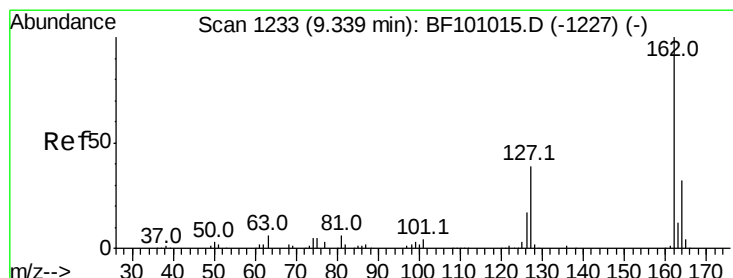
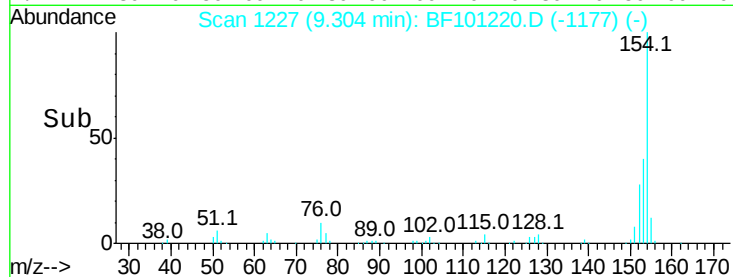
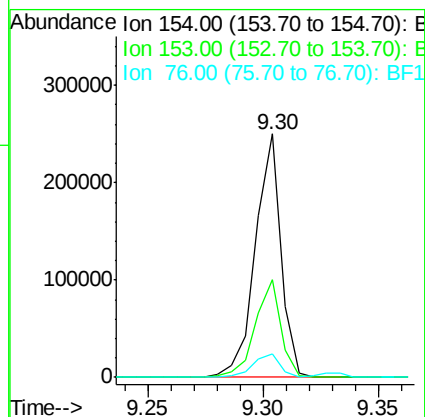
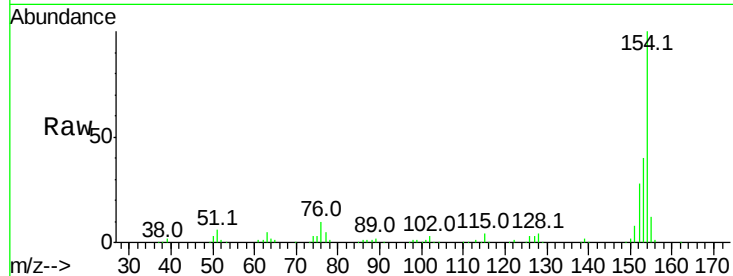
Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	154	Resp:	194971
Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	9.8	0.0	34.0



#46

2-Chloronaphthalene

Concen: 35.449 ng

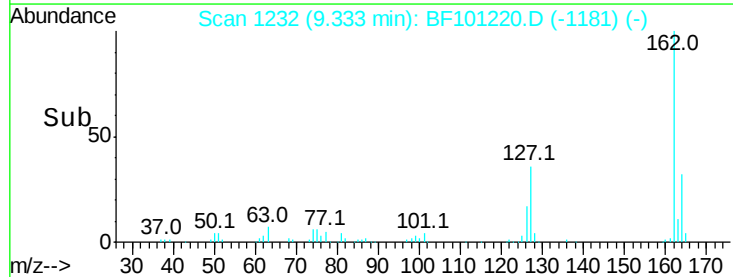
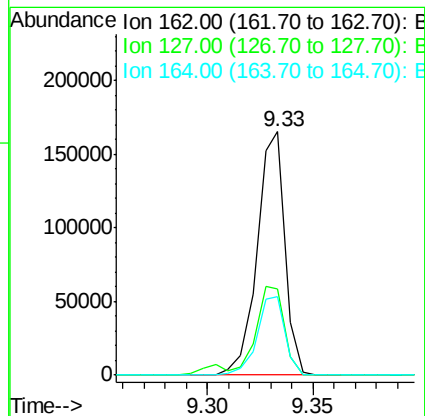
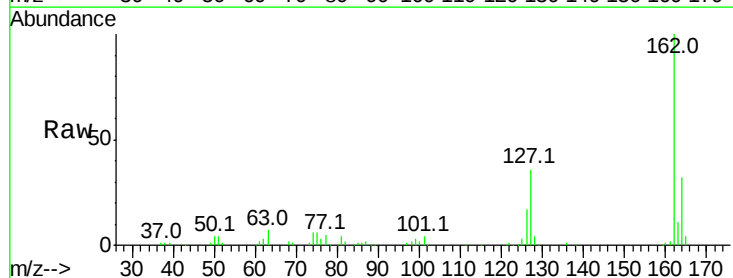
RT: 9.33 min Scan# 1232

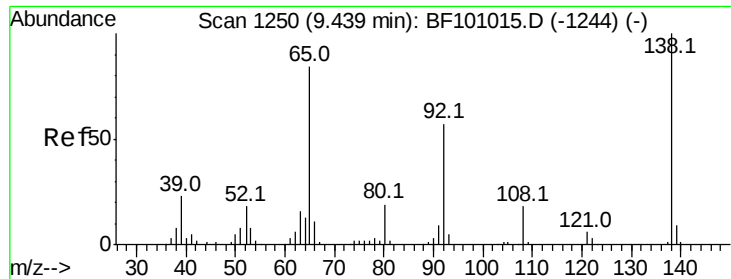
Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:	162	Resp:	151448
Ion	Ratio	Lower	Upper
162	100		
127	35.5	33.9	50.9
164	32.2	26.5	39.7

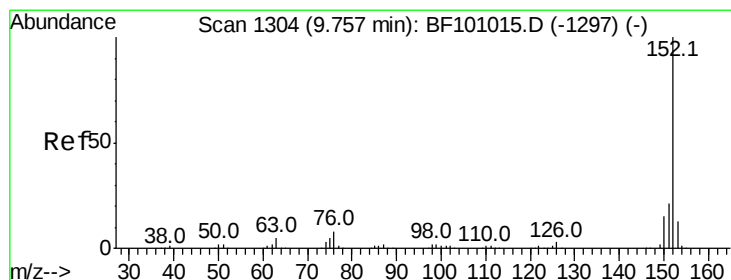
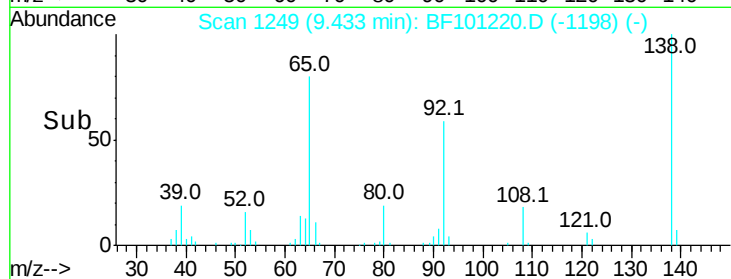
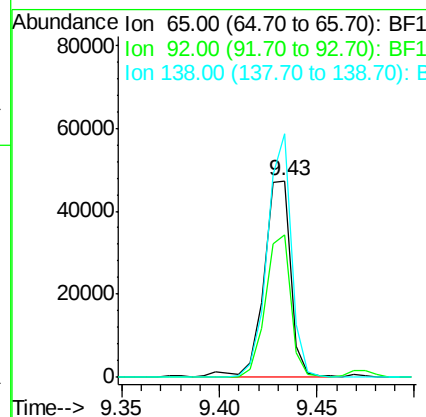
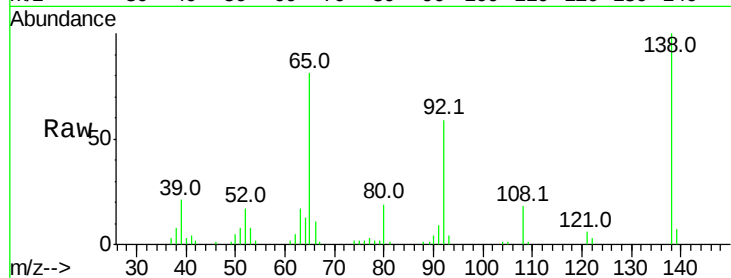




#47
 2-Nitroaniline
 Concen: 35.890 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

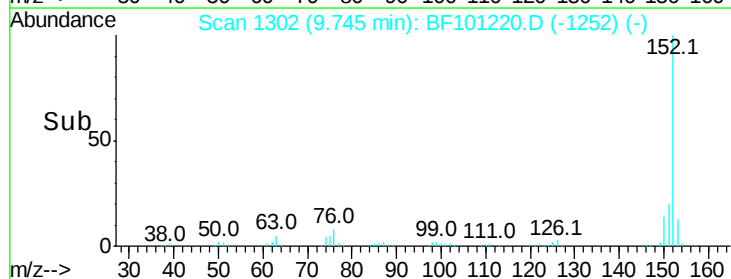
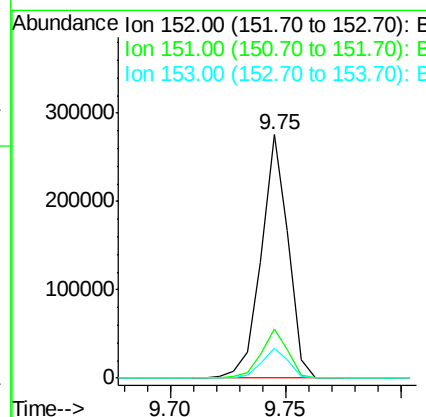
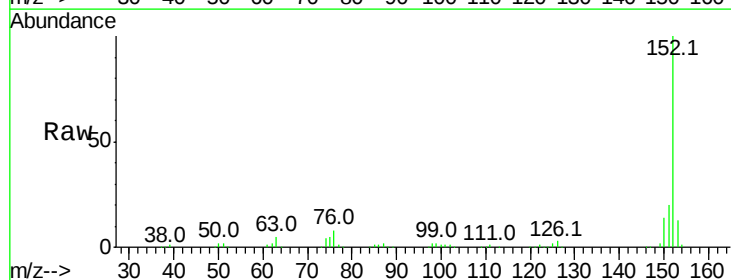
Instrument :
 BNA_F
 ClientSampled :

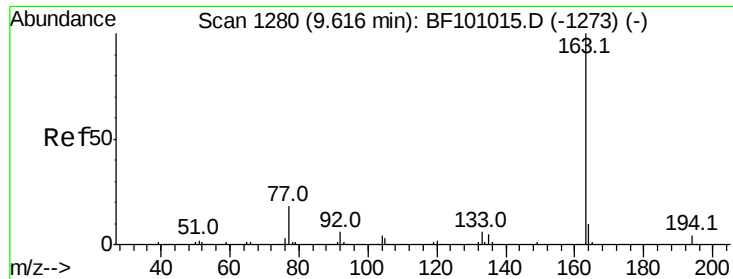
Tot Ion: 65 Resp: 45365
 Ion Ratio Lower Upper
 65 100
 92 72.7 55.8 83.6
 138 123.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.821 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:152 Resp: 223418
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.3 24.5
 153 12.5 10.7 16.1

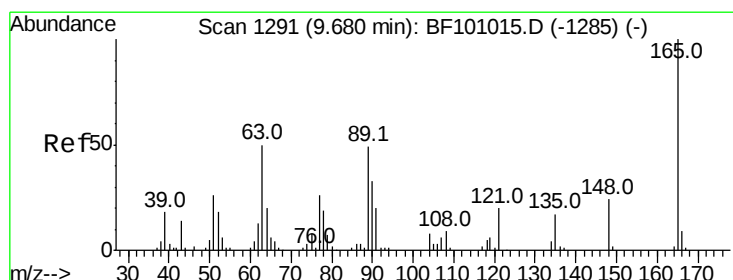
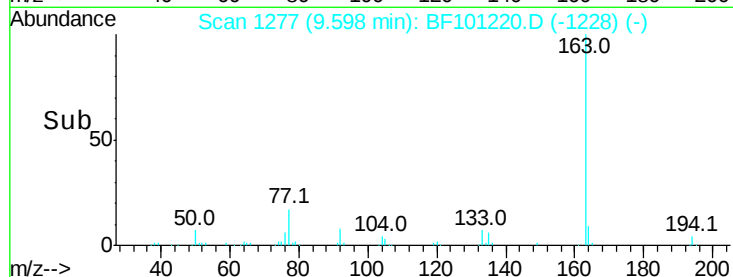
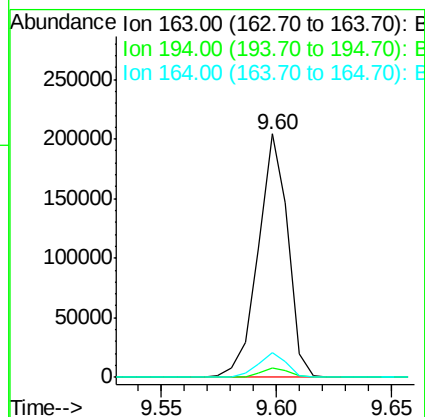
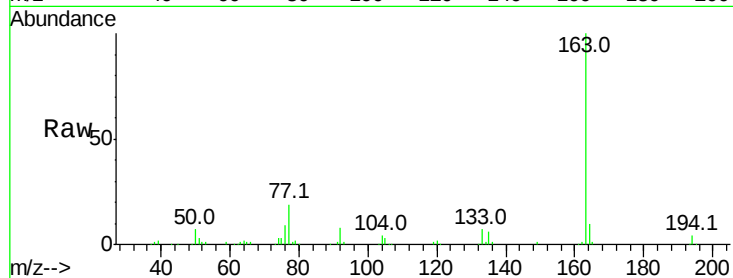




#49
 Dimethylphthalate
 Concen: 34.508 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

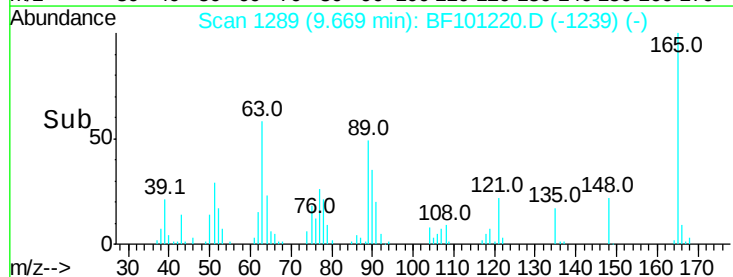
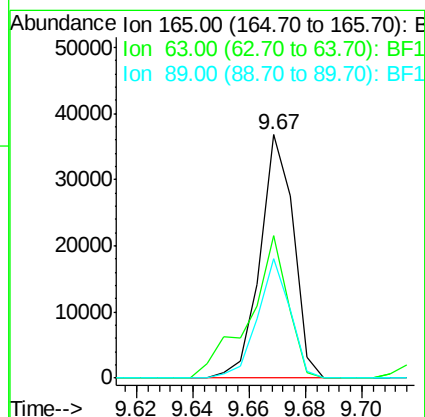
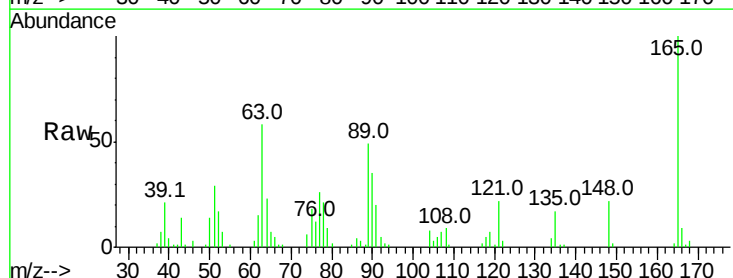
Instrument :
 BNA_F
 ClientSampleId :

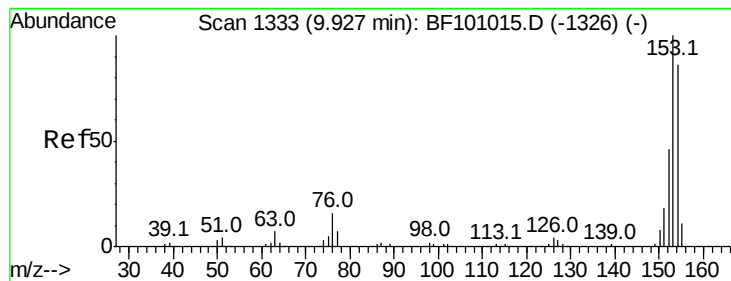
Tot Ion:163 Resp: 182729
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.2 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 26.966 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:165 Resp: 30075
 Ion Ratio Lower Upper
 165 100
 63 58.3 44.7 67.1
 89 49.0 44.0 66.0





#51

Acenaphthene

Concen: 30.789 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

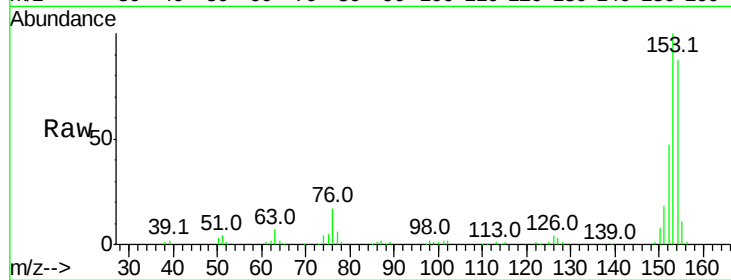
Tot Ion:154 Resp: 129440

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

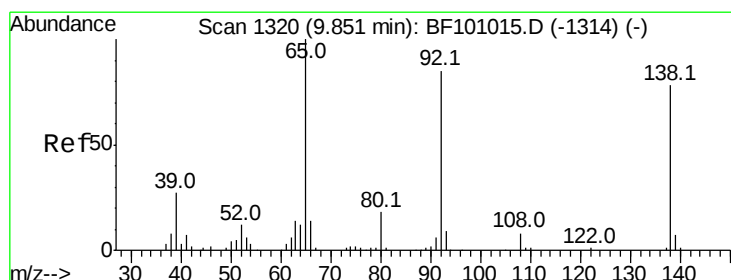
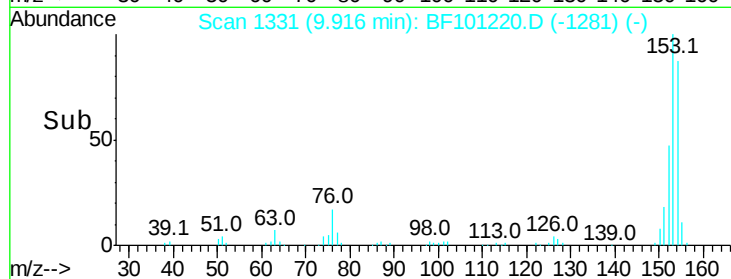
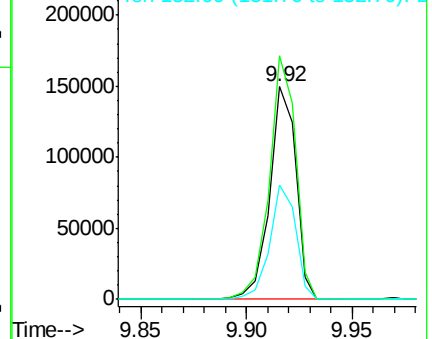
152 54.1 43.8 65.8



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: 33.911 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

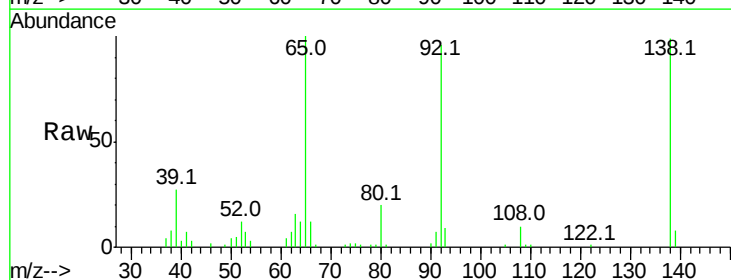
Tgt Ion:138 Resp: 42533

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

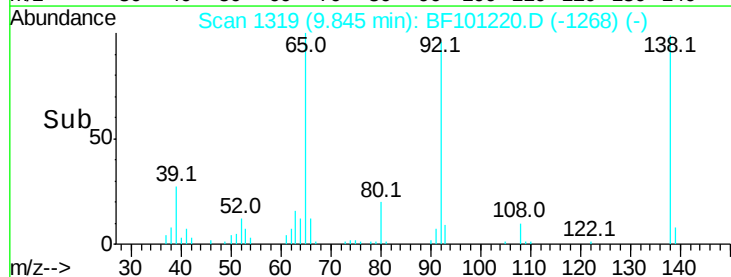
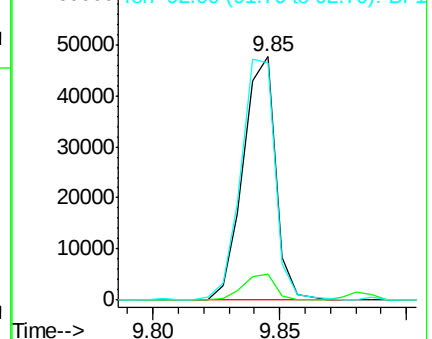
92 97.5 89.4 134.2

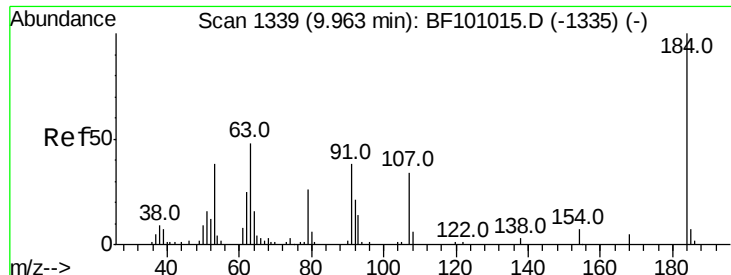


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

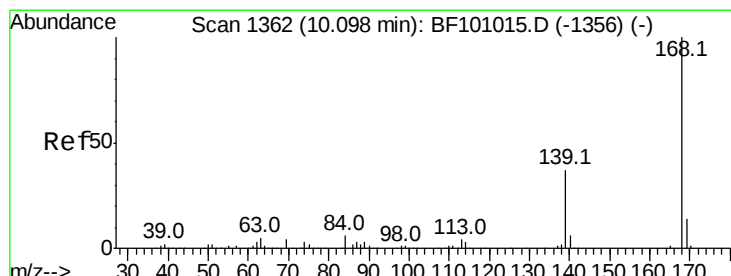
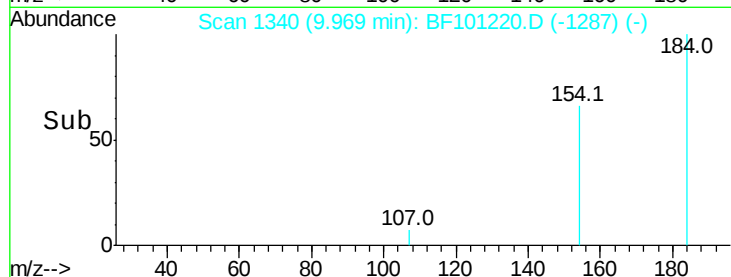
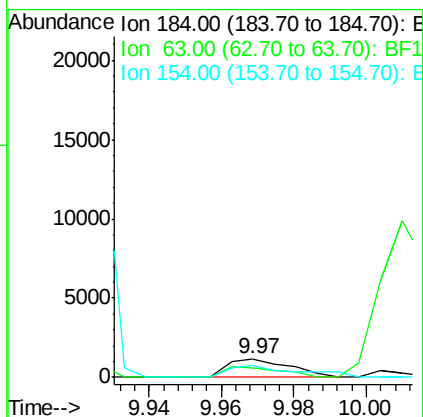
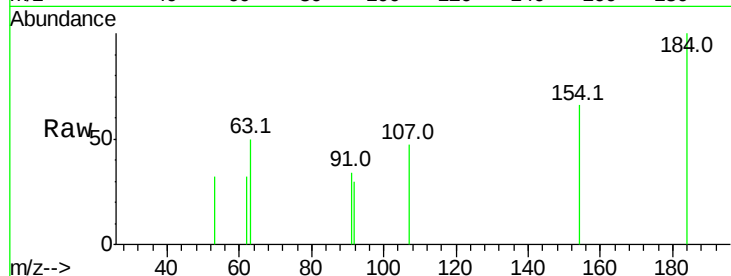




#53
2,4-Dinitrophenol
Concen: 7.080 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

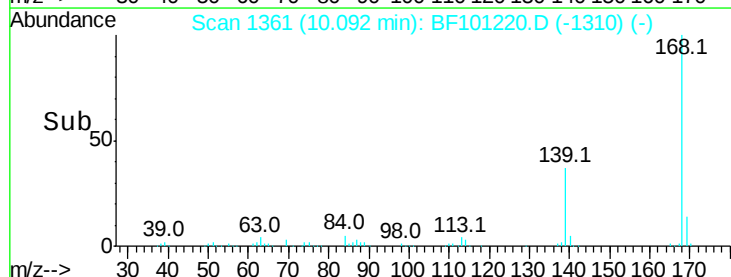
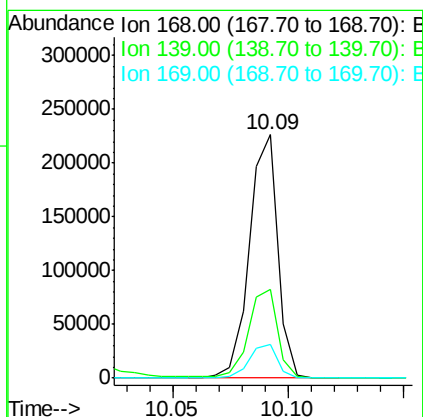
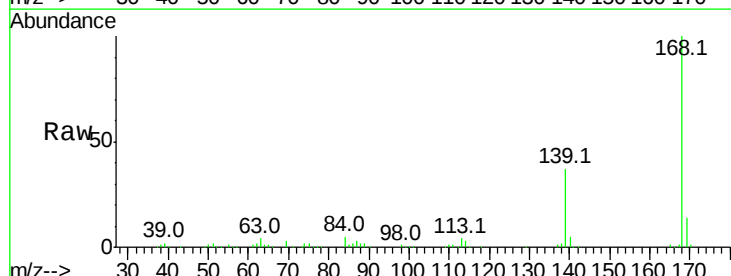
Instrument :
BNA_F
ClientSampleId :

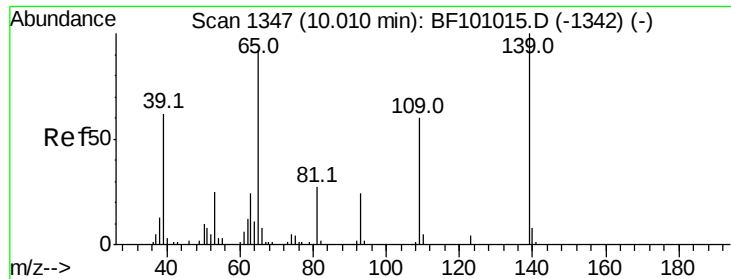
Tot Ion:184 Resp: 1375
Ion Ratio Lower Upper
184 100
63 49.6 54.2 81.2#
154 66.0 184.0 276.0#



#54
Dibenzofuran
Concen: 32.206 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:168 Resp: 195121
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.7 10.9 16.3

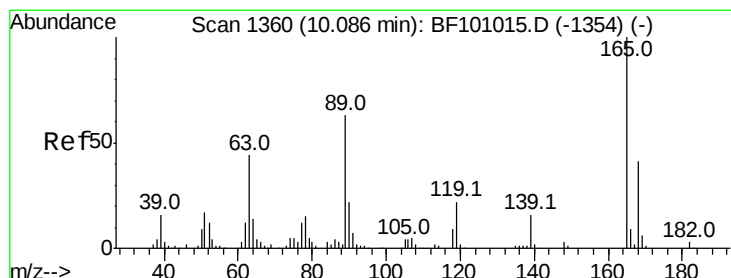
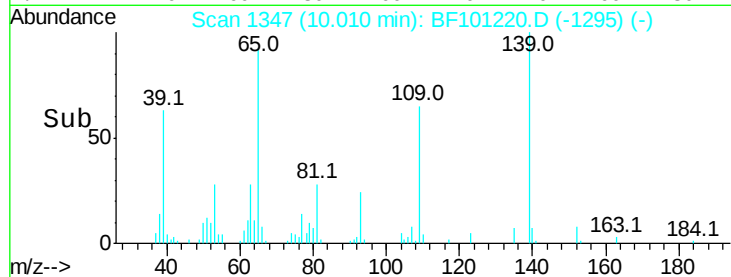
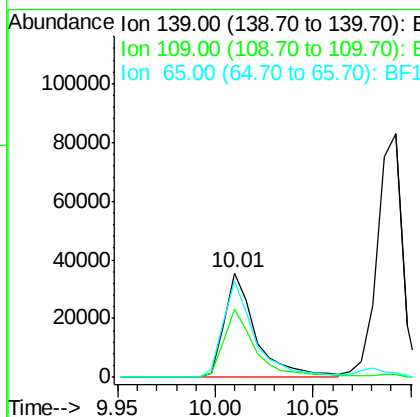
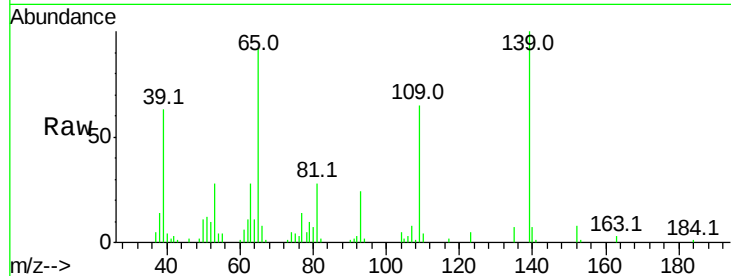




#55
4-Nitrophenol
Concen: 47.048 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

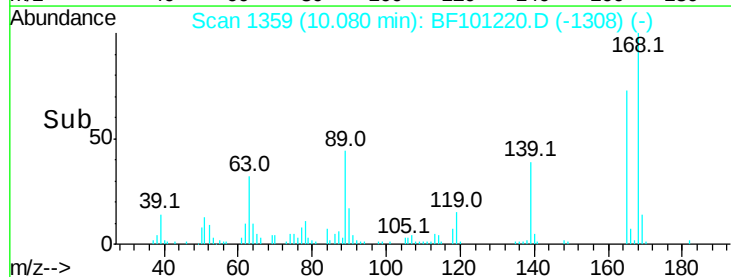
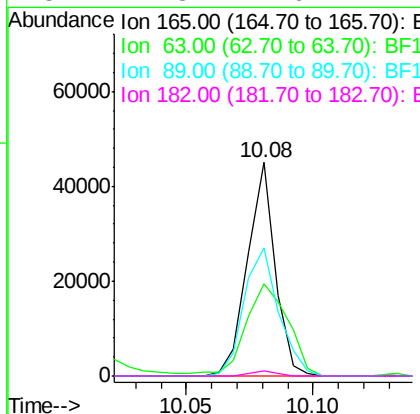
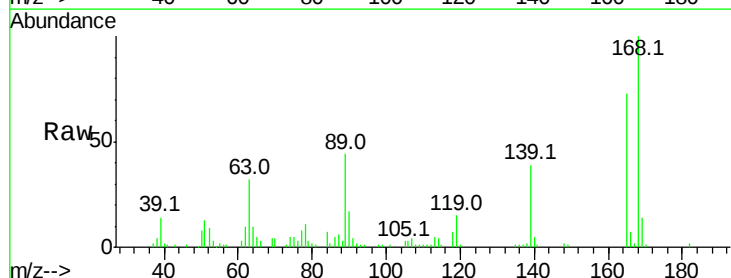
Instrument :
BNA_F
ClientSampleId :

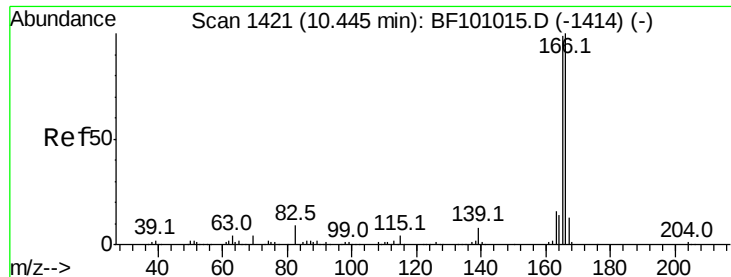
Tot Ion:139 Resp: 39796
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 92.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 23.023 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:165 Resp: 34413
Ion Ratio Lower Upper
165 100
63 43.3 36.4 54.6
89 60.1 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 30.647 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

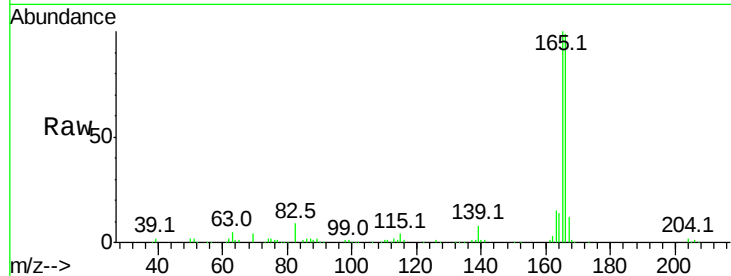
Tot Ion:166 Resp: 150941

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

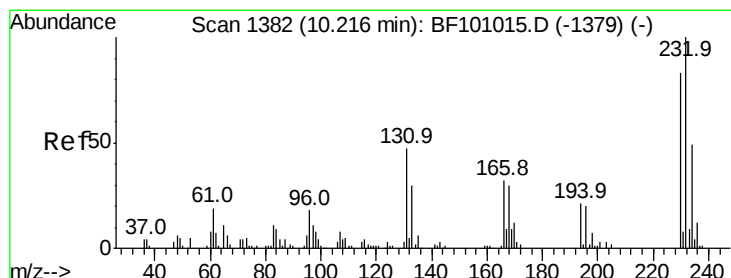
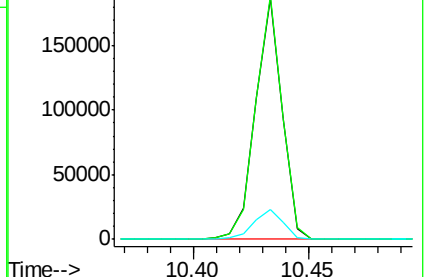
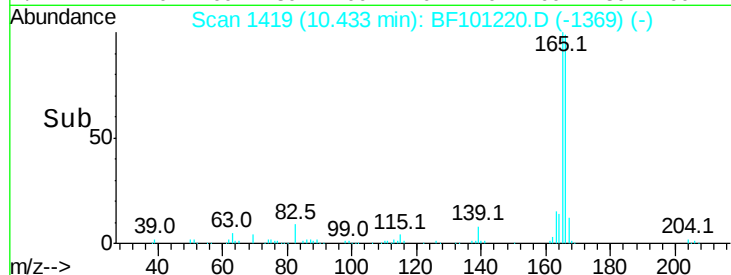
167 12.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.675 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Tgt Ion:232 Resp: 37912

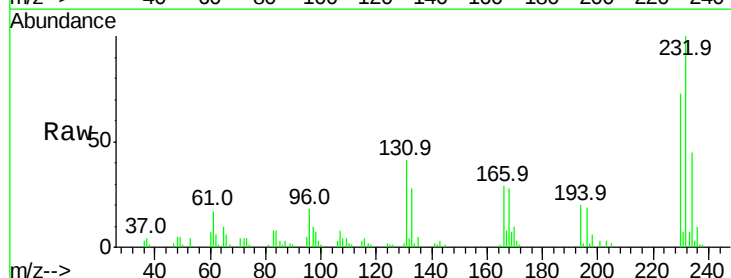
Ion Ratio Lower Upper

232 100

131 40.8 43.8 65.8#

130 1.9 2.1 3.1#

166 29.1 27.8 41.6

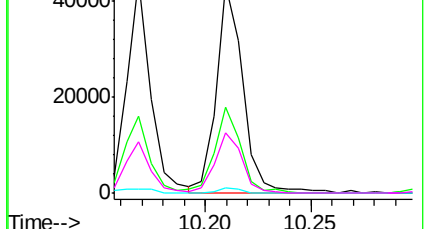
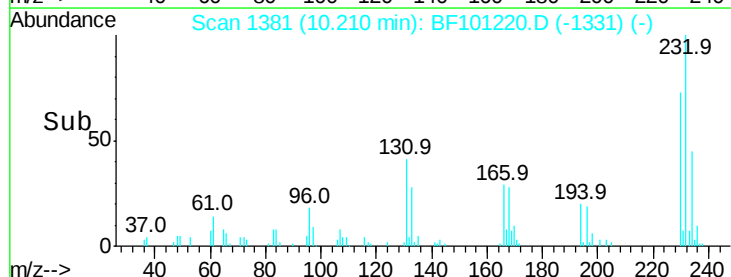


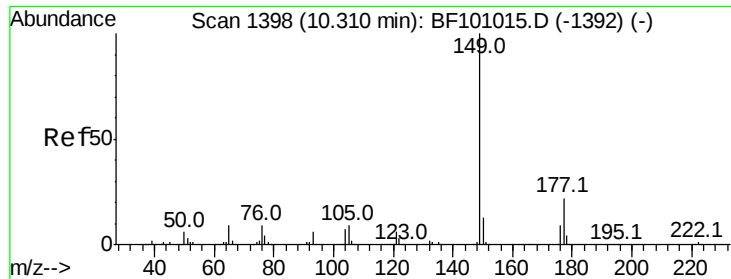
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

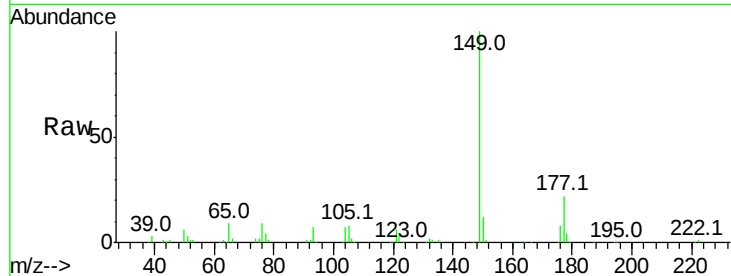




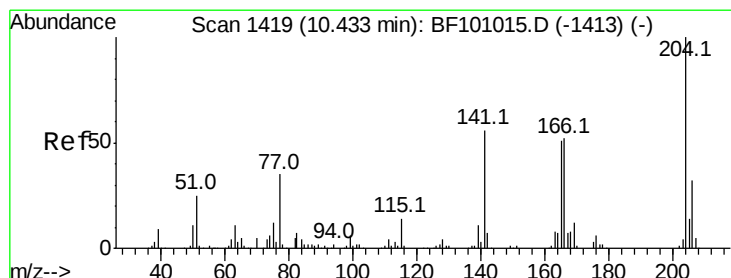
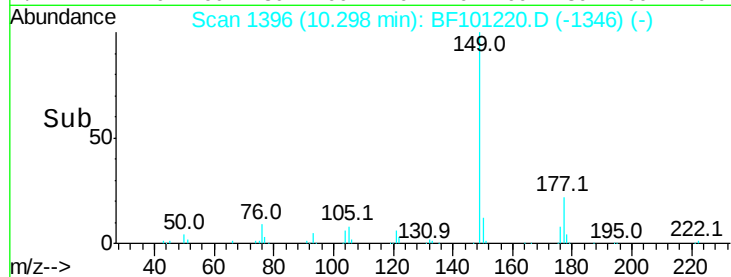
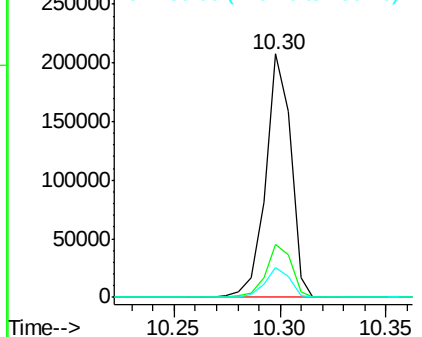
#59
Diethylphthalate
Concen: 32.961 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 172153
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.3 10.1 15.1

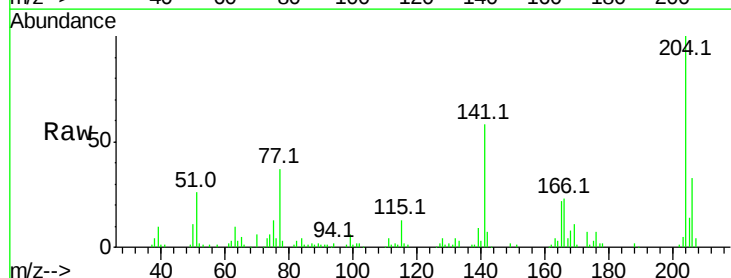


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

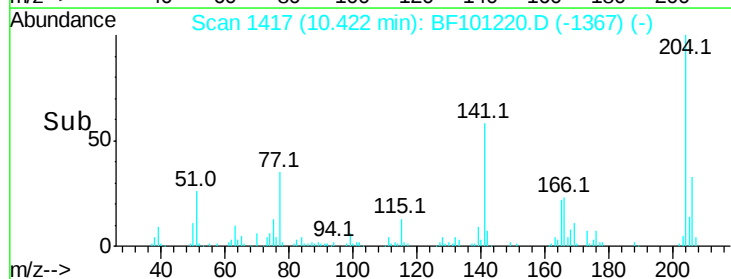
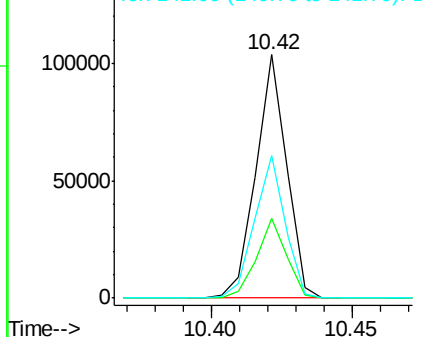


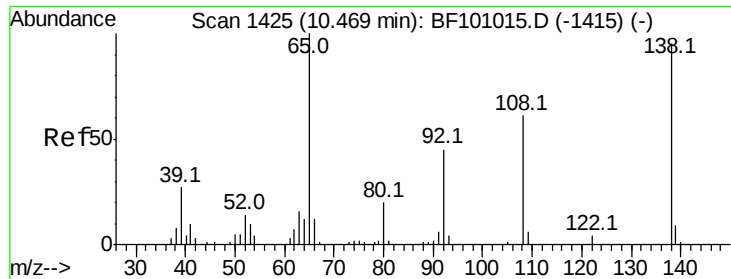
#60
4-Chlorophenyl-phenylether
Concen: 32.227 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:204 Resp: 78368
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 58.3 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

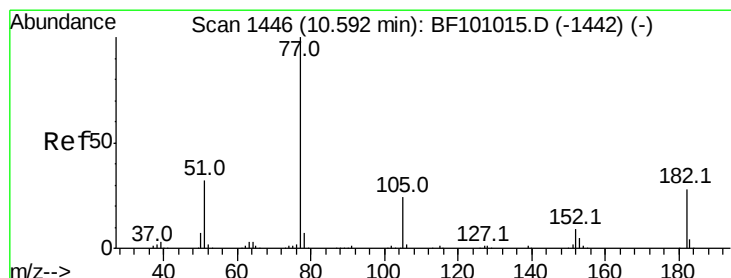
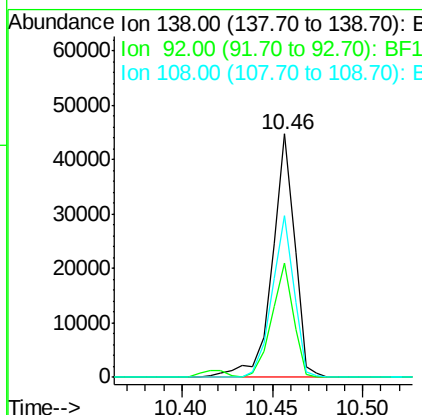
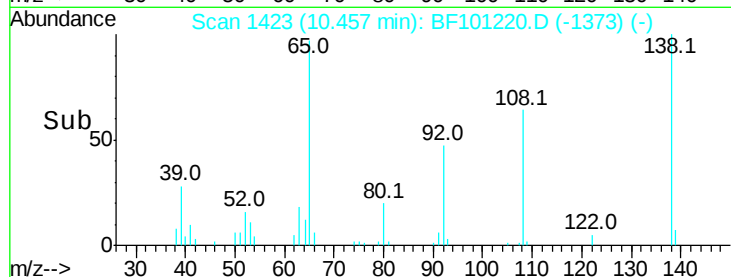
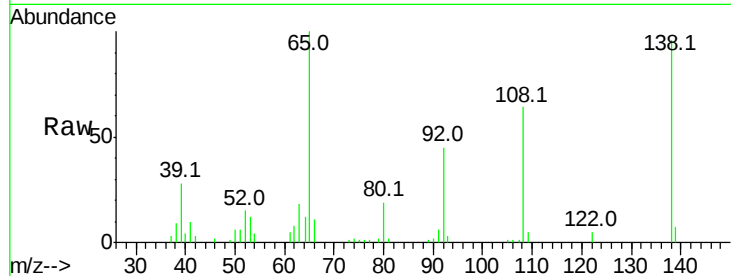




#61
 4-Nitroaniline
 Concen: 29.599 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

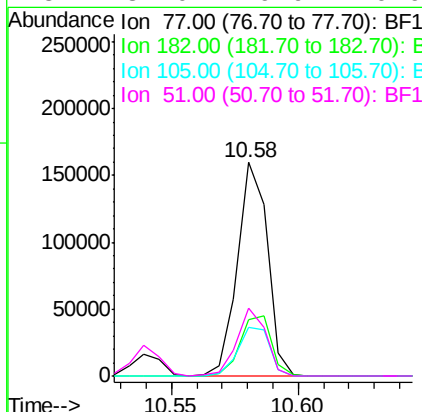
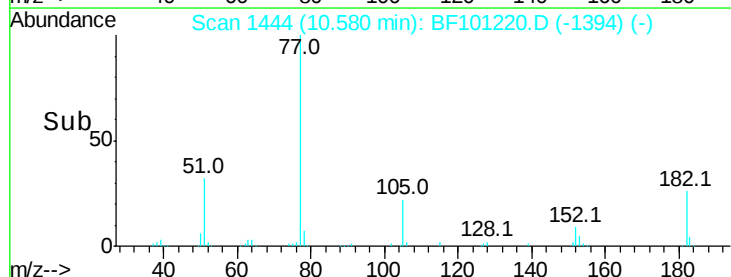
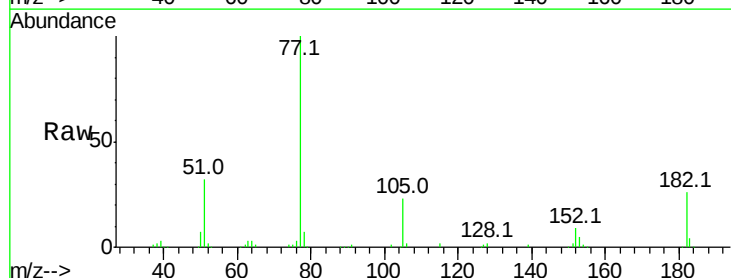
Instrument :
 BNA_F
 ClientSampleId :

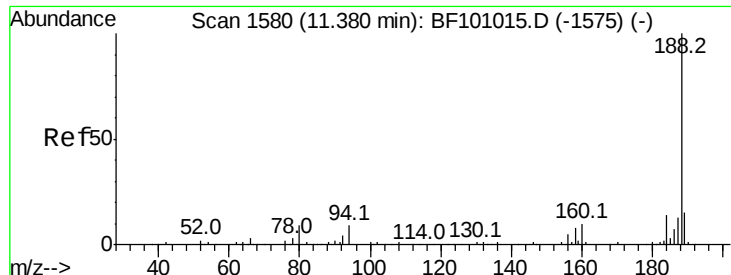
Tot Ion:138	Resp:	38537	
Ion Ratio	Lower	Upper	
138 100			
92 46.7	30.2	70.2	
108 66.2	52.5	92.5	



#62
 Azobenzene
 Concen: 29.743 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion: 77	Resp: 131834
Ion Ratio	Lower Upper
77 100	
182 26.2	1.7 41.7
105 23.0	3.0 43.0
51 32.0	9.9 49.9

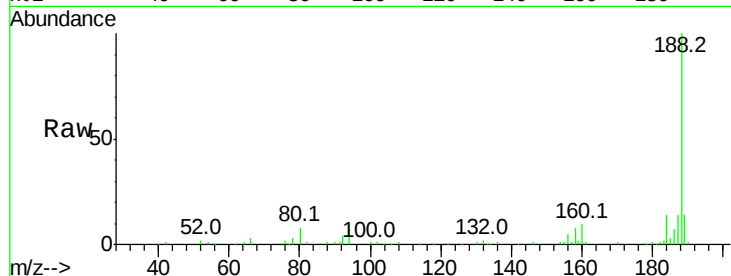




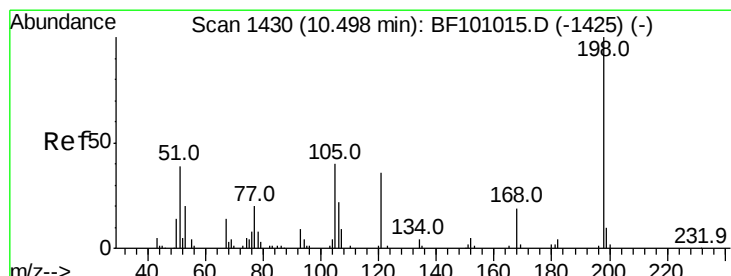
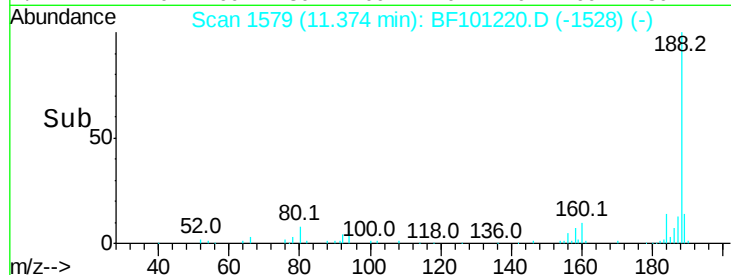
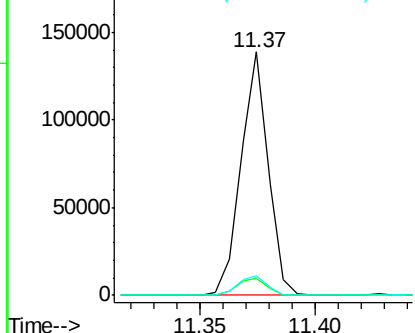
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 113822
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.5 12.7#
 80 8.0 9.2 13.8#

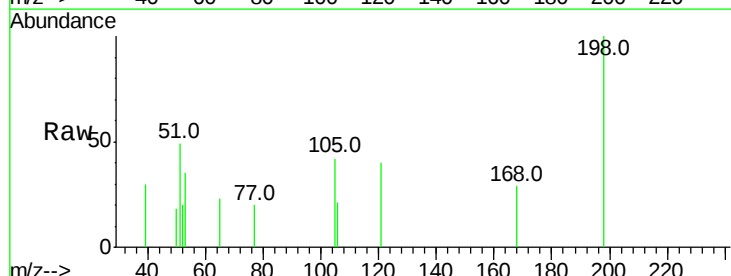


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

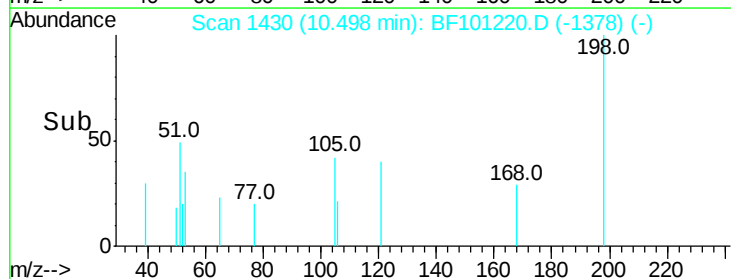
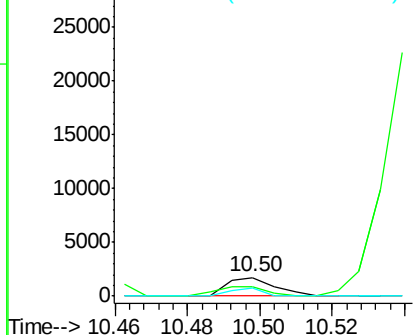


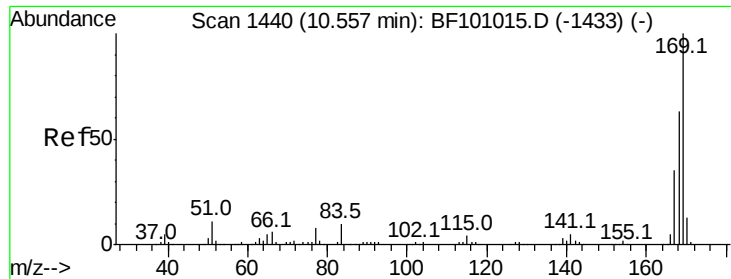
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.097 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:198 Resp: 1601
 Ion Ratio Lower Upper
 198 100
 51 49.2 37.7 77.7
 105 42.4 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 34.305 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

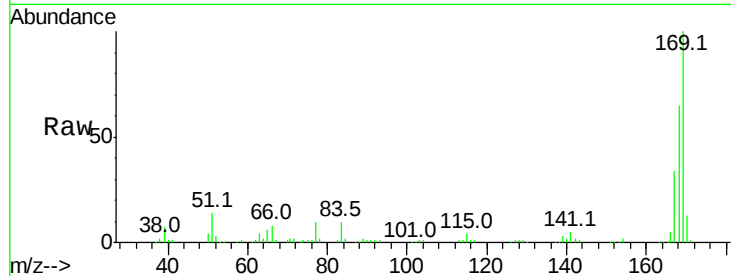
Tot Ion:169 Resp: 137752

Ion Ratio Lower Upper

169 100

168 64.9 54.4 81.6

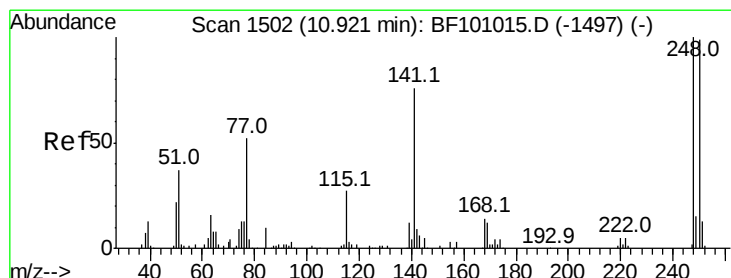
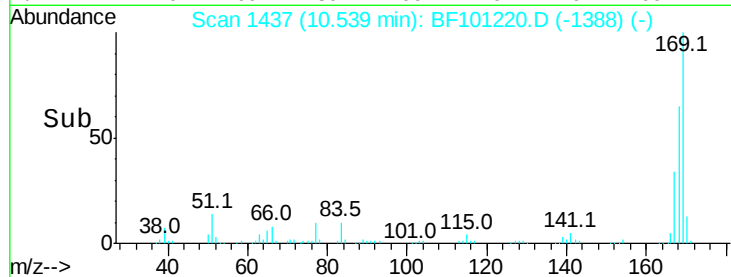
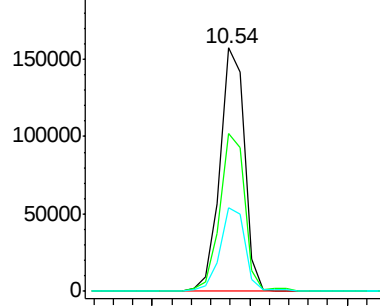
167 34.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.250 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

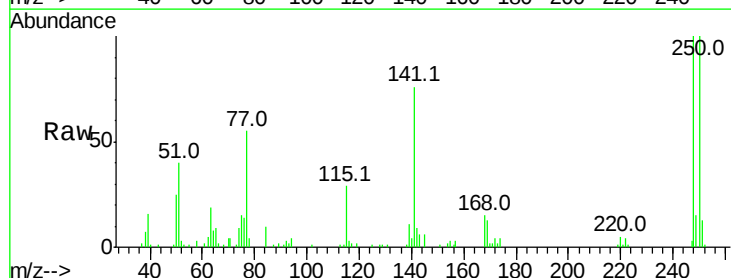
Tgt Ion:248 Resp: 44910

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

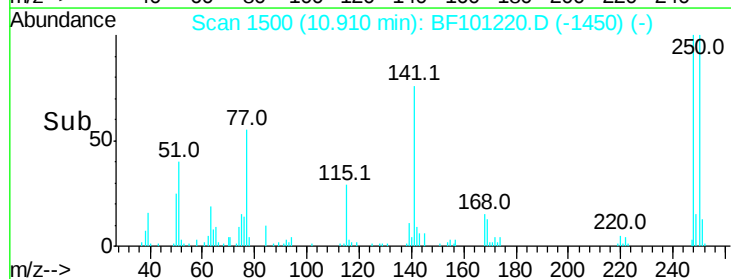
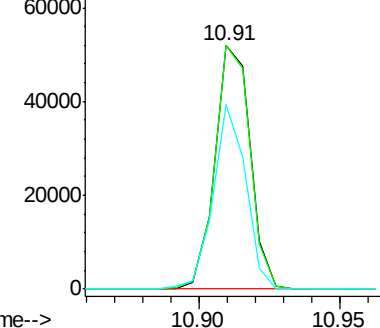
141 75.9 74.4 111.6

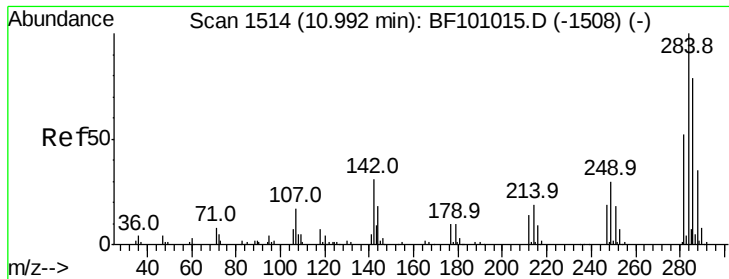


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.356 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

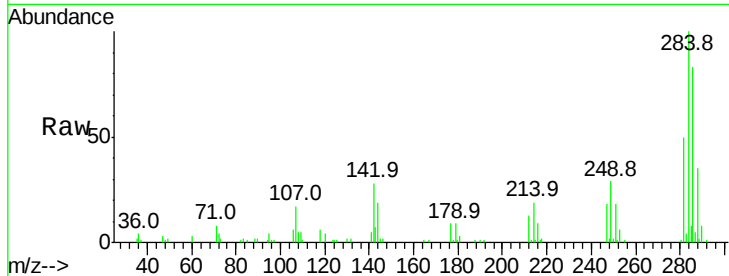
Tot Ion:284 Resp: 45546

Ion Ratio Lower Upper

284 100

142 28.3 34.6 52.0#

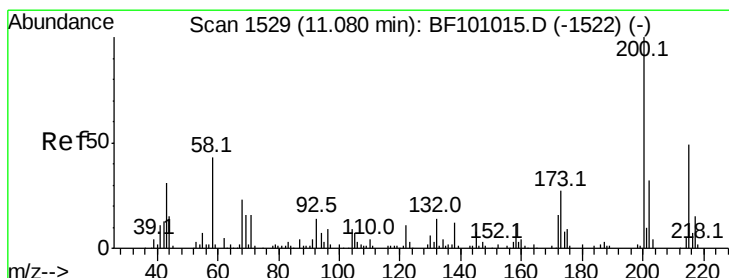
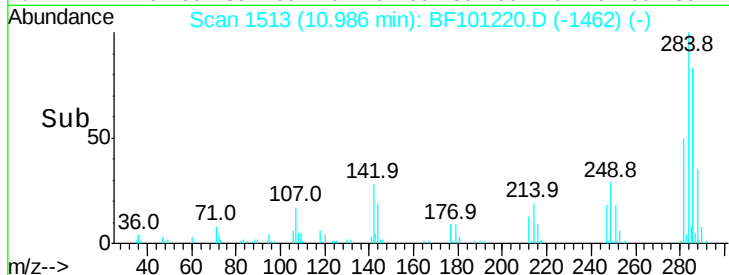
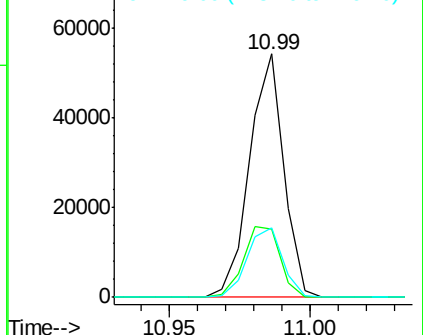
249 28.7 24.8 37.2



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: 34.204 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

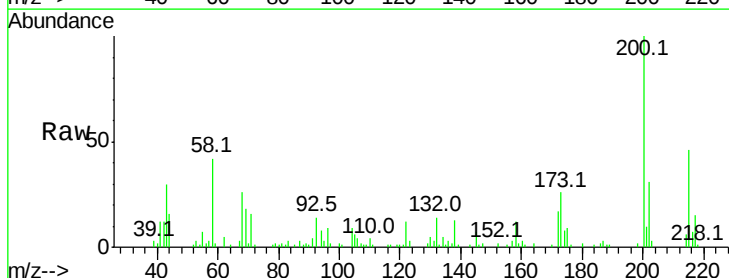
Tgt Ion:200 Resp: 42131

Ion Ratio Lower Upper

200 100

173 26.1 8.6 48.6

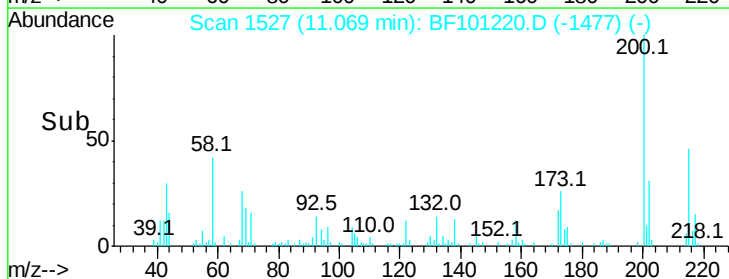
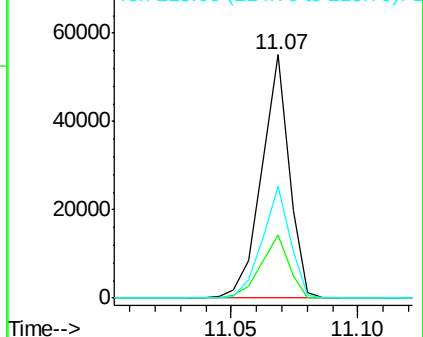
215 45.9 25.1 65.1

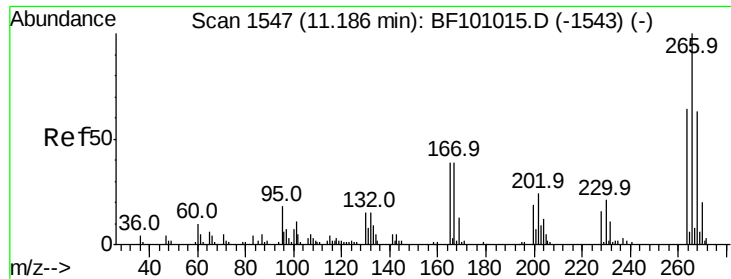


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

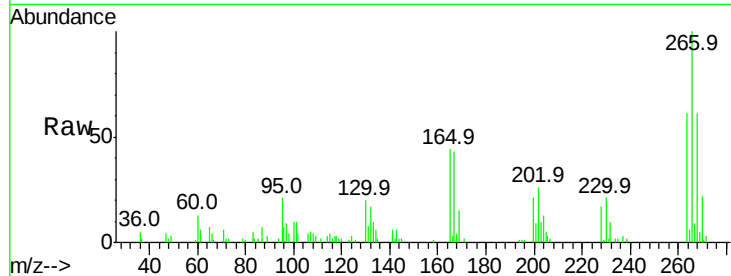




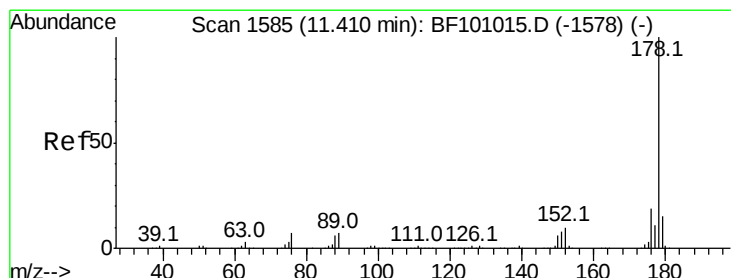
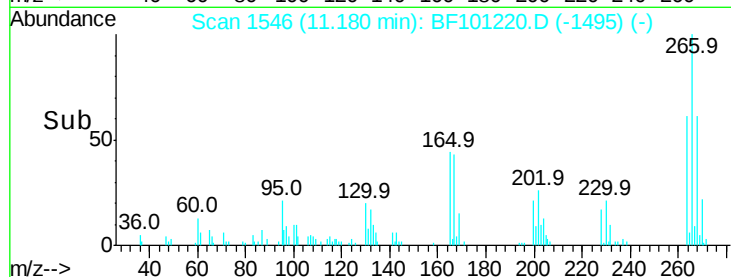
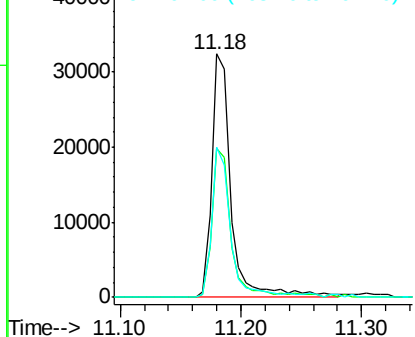
#69
 Pentachlorophenol
 Concen: 47.236 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 35464
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 61.4 49.5 74.3

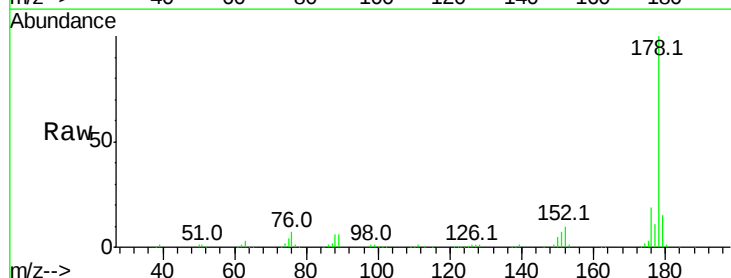


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

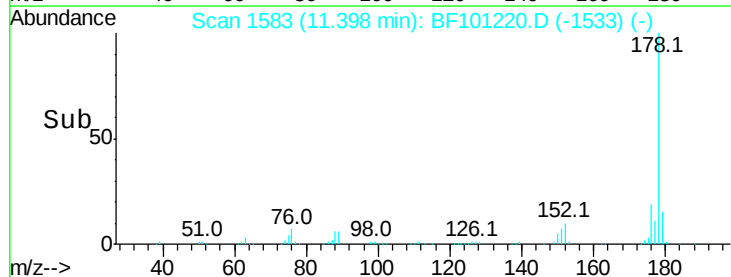
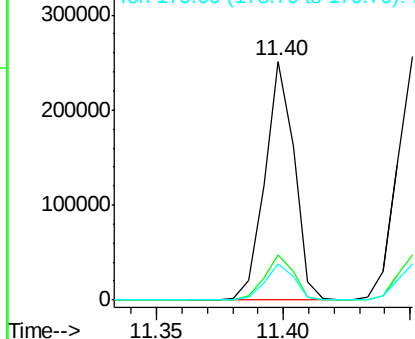


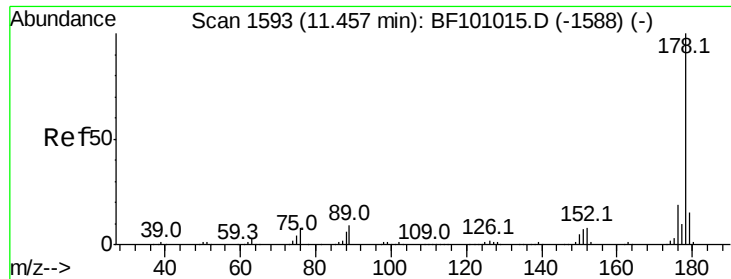
#70
 Phenanthrene
 Concen: 32.550 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:178 Resp: 204026
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 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

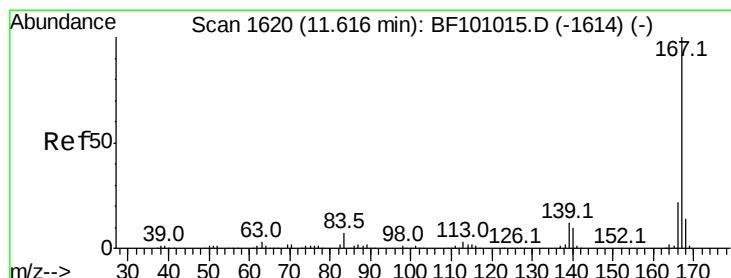
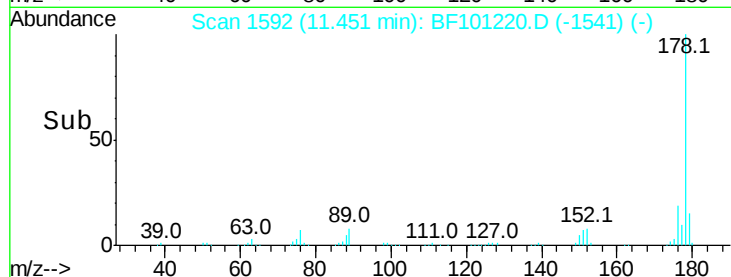
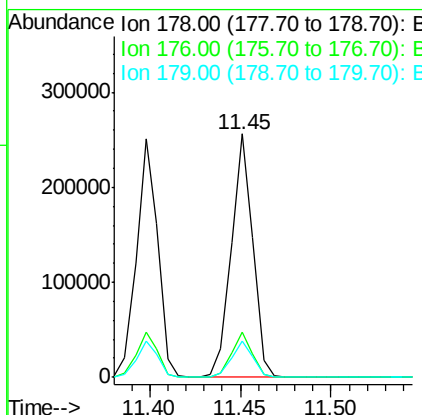
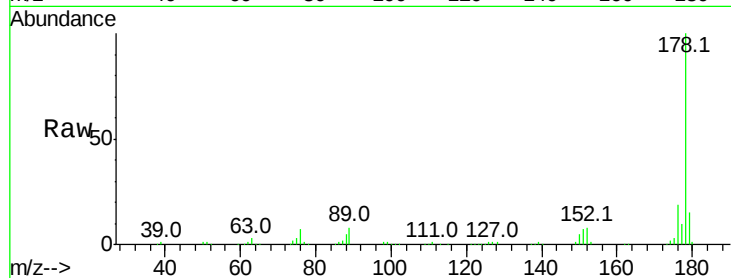




#71
 Anthracene
 Concen: 33.406 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

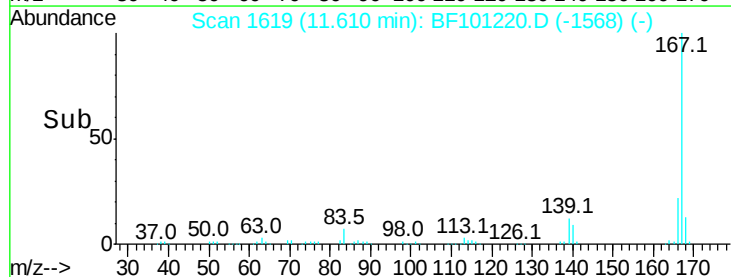
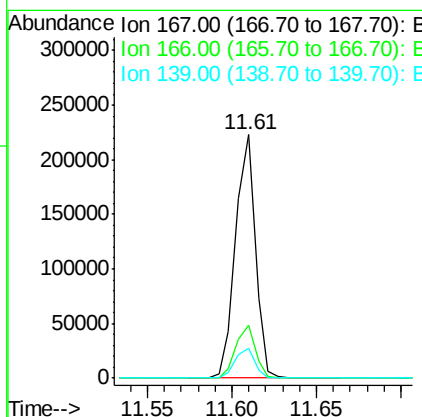
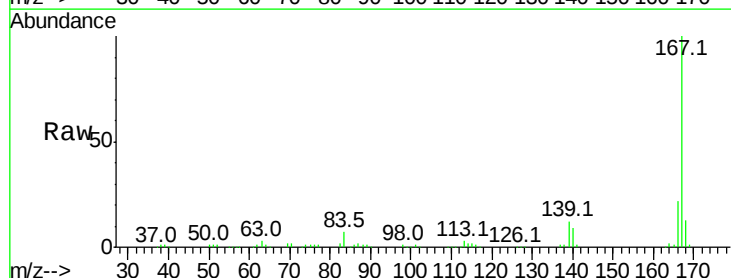
Instrument :
 BNA_F
 ClientSampleId :

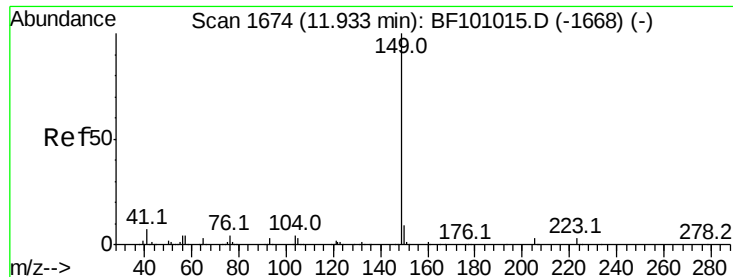
Tot Ion:178 Resp: 211924
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 31.491 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Tgt Ion:167 Resp: 182531
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.253 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

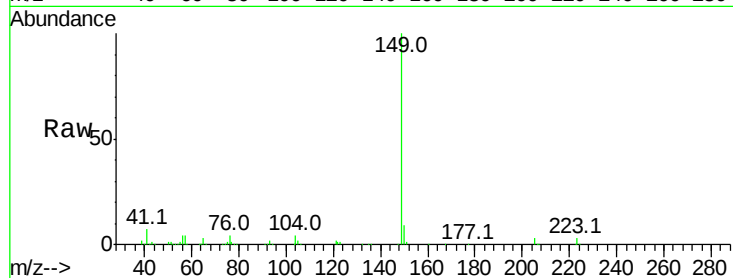
Tot Ion:149 Resp: 241583

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

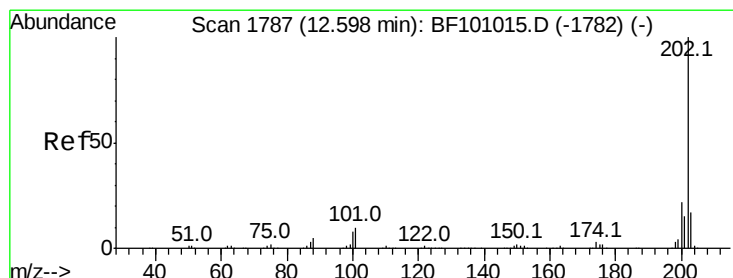
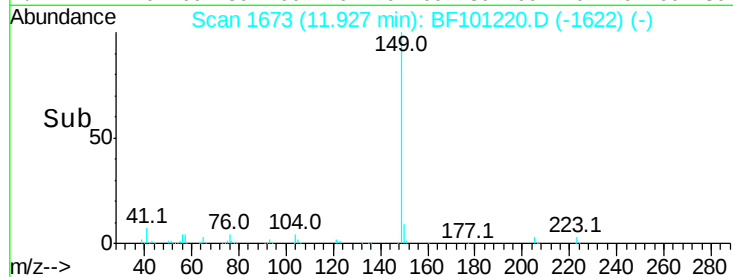
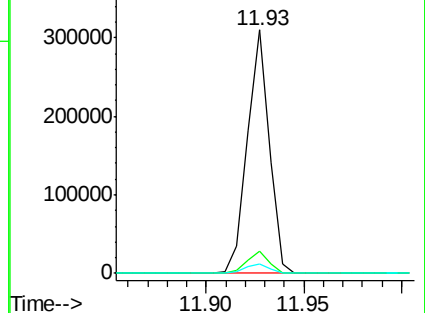
104 3.9 3.8 5.8



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: 30.826 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

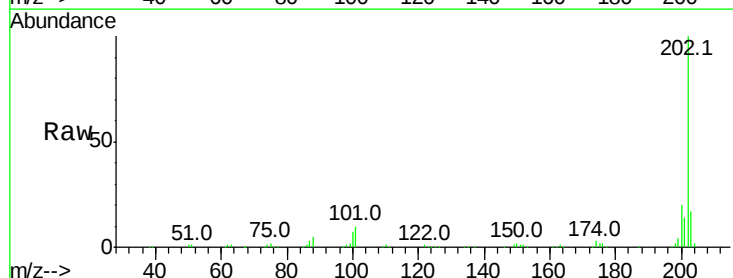
Tgt Ion:202 Resp: 214184

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

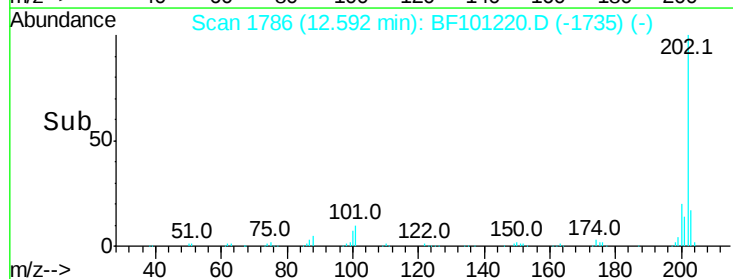
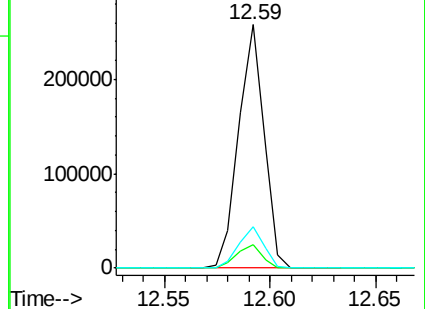
203 17.0 0.0 38.1

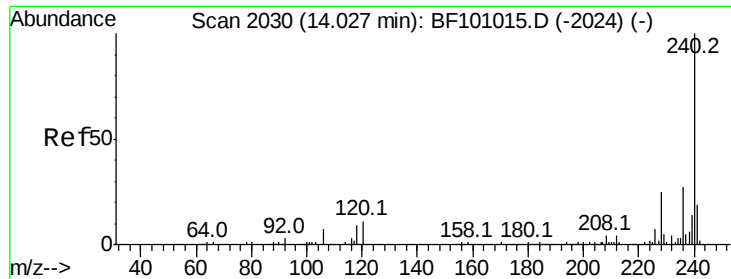


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

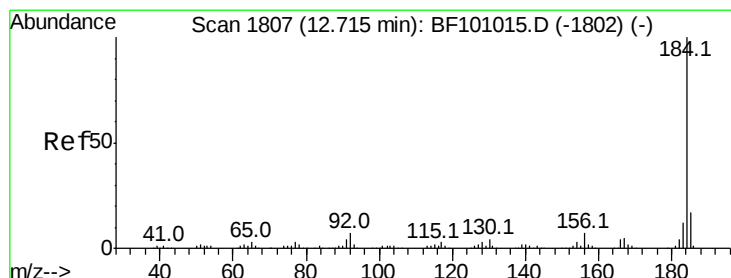
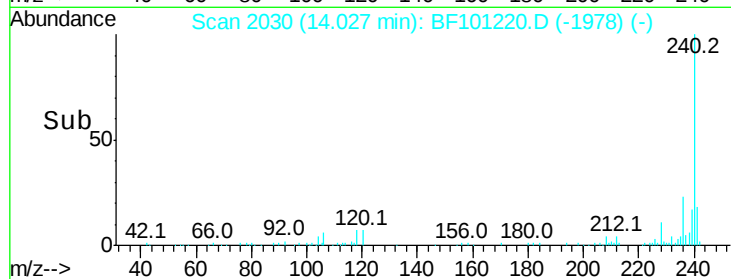
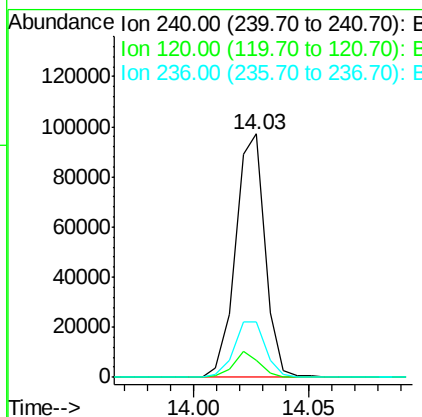
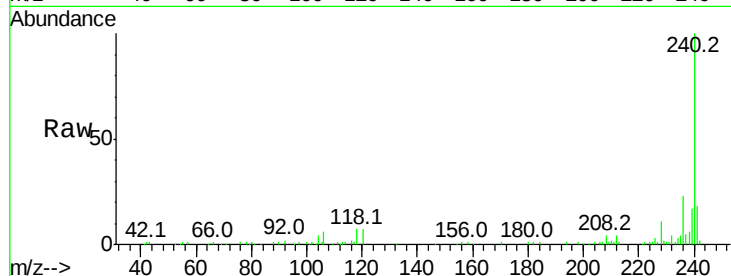




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

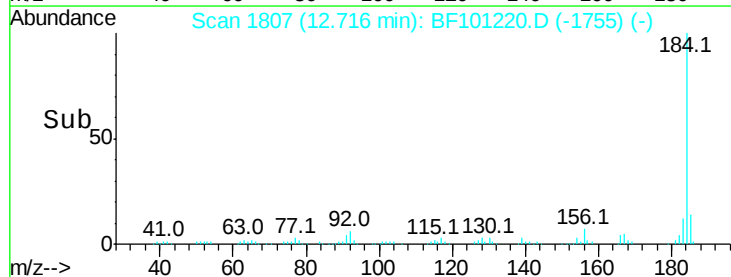
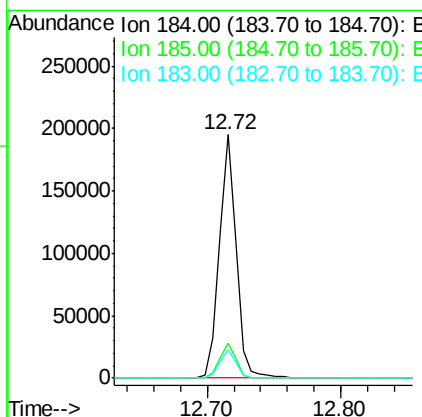
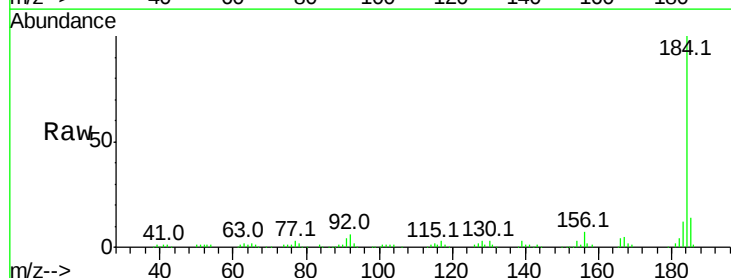
Instrument :
BNA_F
ClientSampleId :

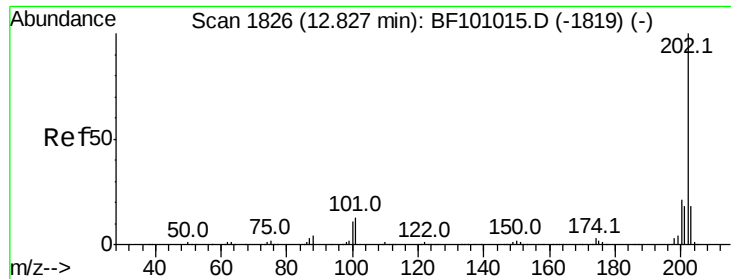
Tot Ion:240 Resp: 86246
Ion Ratio Lower Upper
240 100
120 7.2 9.5 14.3#
236 22.6 20.7 31.1



#76
Benzidine
Concen: 62.322 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:184 Resp: 174787
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.6 9.3 13.9

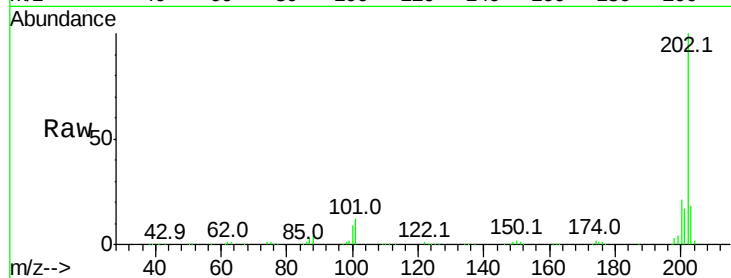




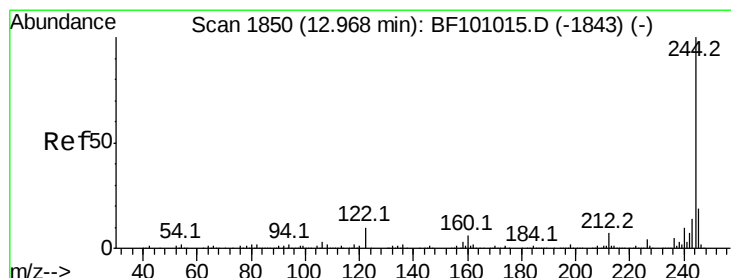
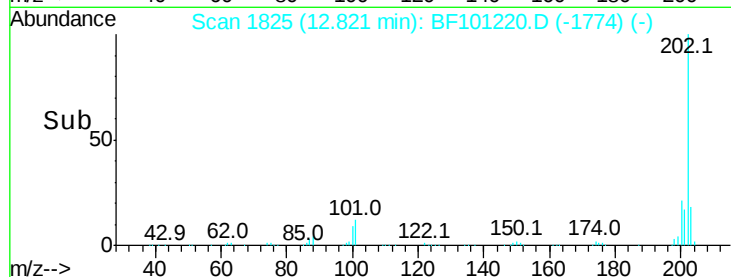
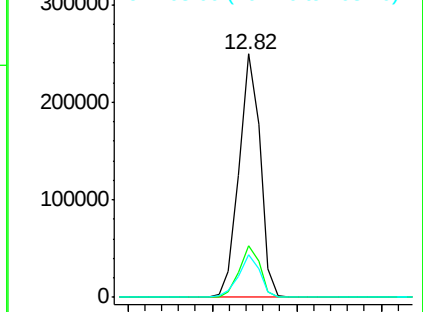
#77
Pvrene
Concen: 36.491 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 217167
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.7 14.3 21.5

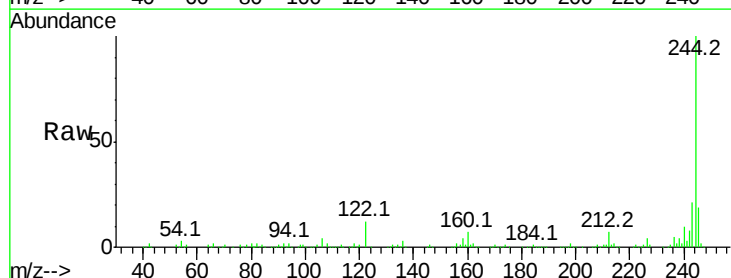


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

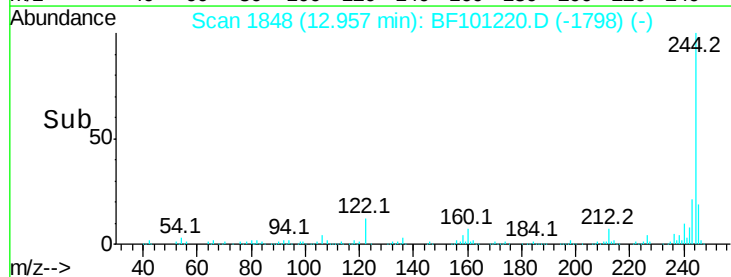
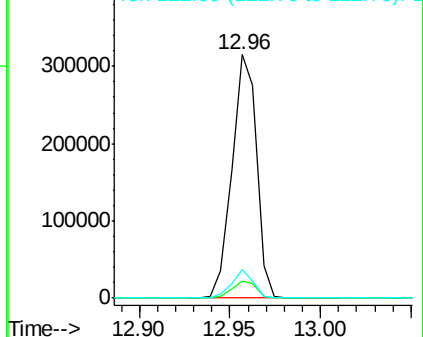


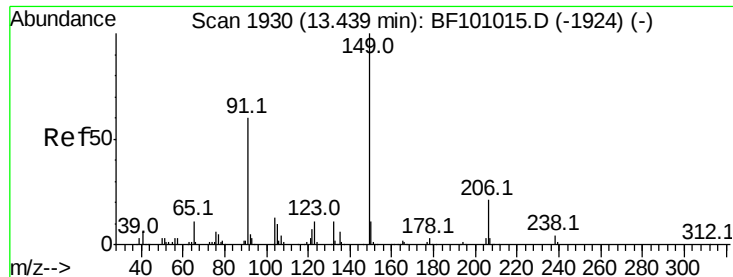
#78
Terphenyl-d14
Concen: 75.386 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:244 Resp: 297256
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.8 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

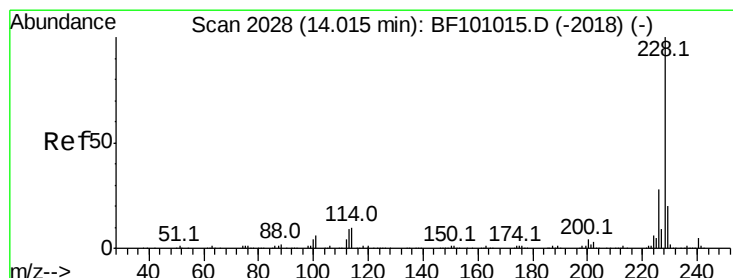
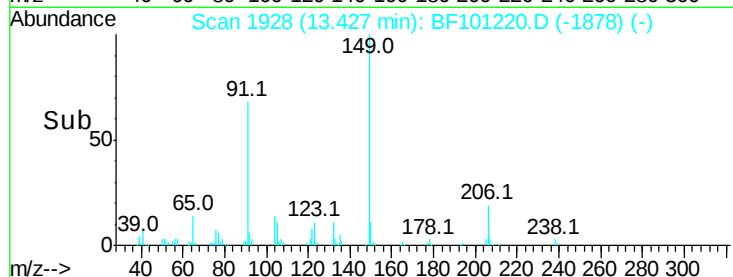
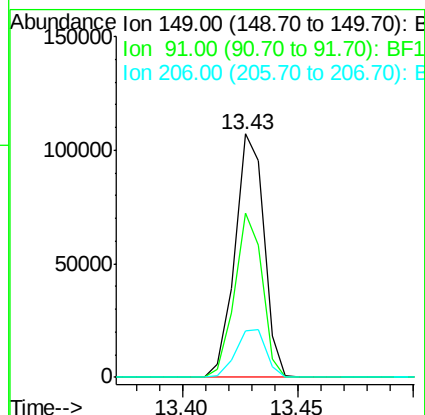
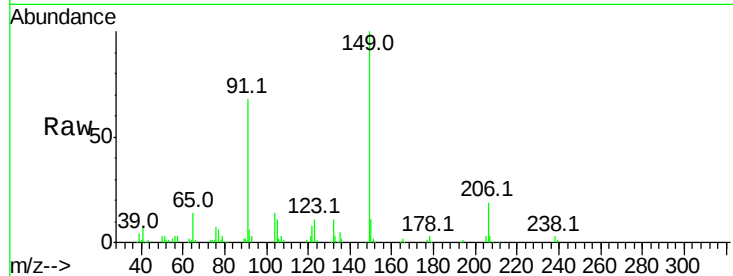




#79
Butylbenzylphthalate
Concen: 35.984 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

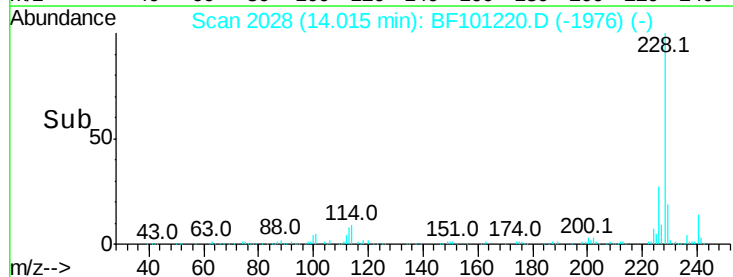
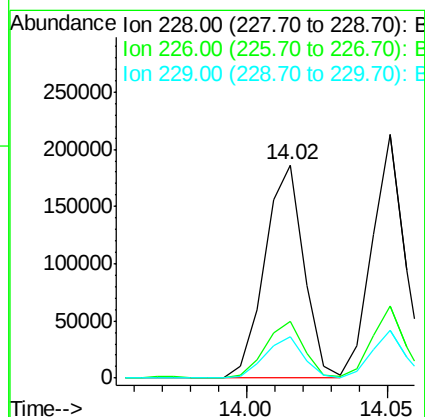
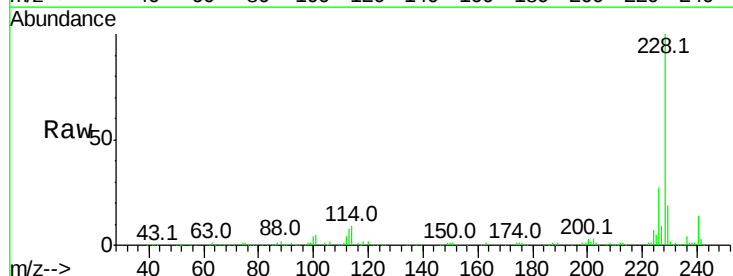
Instrument :
BNA_F
ClientSampleId :

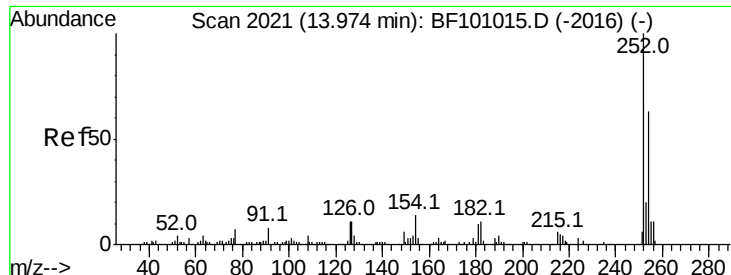
Tot Ion:149 Resp: 94416
Ion Ratio Lower Upper
149 100
91 67.7 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.878 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:228 Resp: 179033
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.454 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampled :

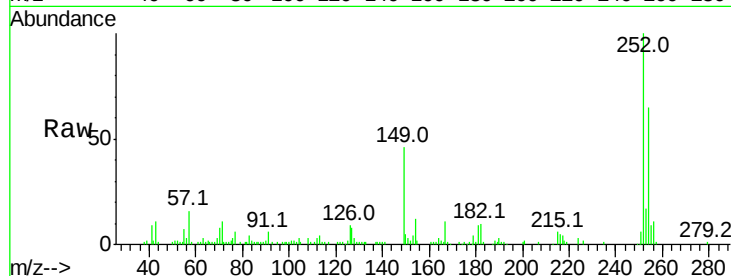
Tot Ion:252 Resp: 66863

Ion Ratio Lower Upper

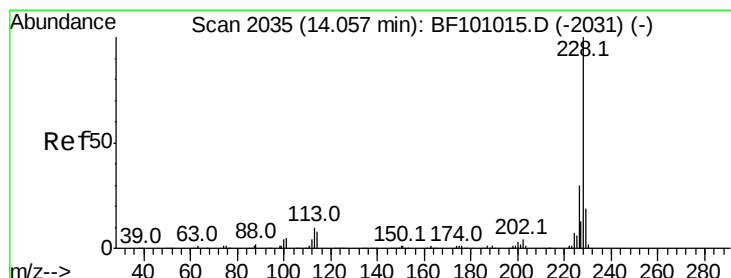
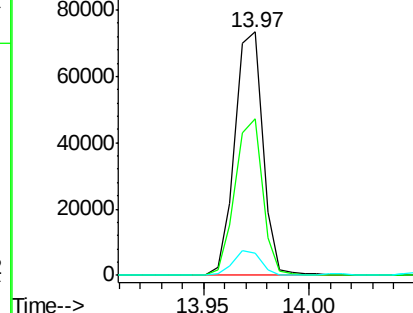
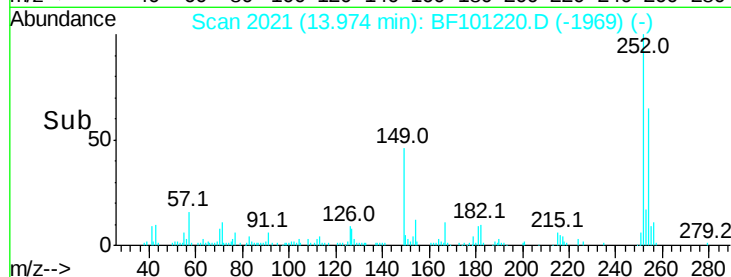
252 100

254 64.6 50.4 75.6

126 9.0 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 33.220 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

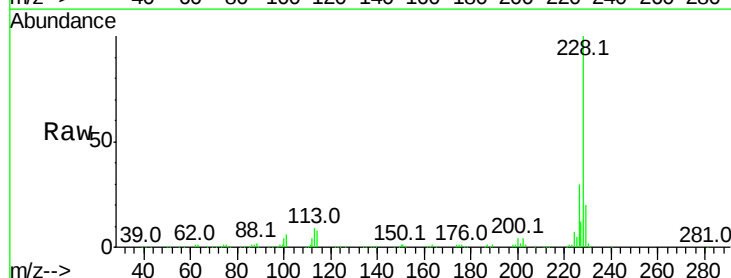
Tgt Ion:228 Resp: 168004

Ion Ratio Lower Upper

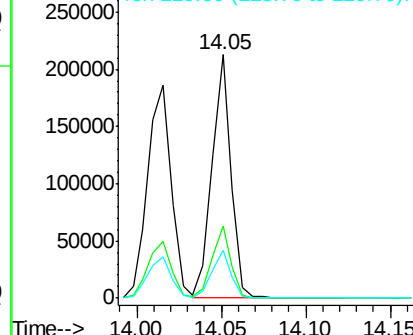
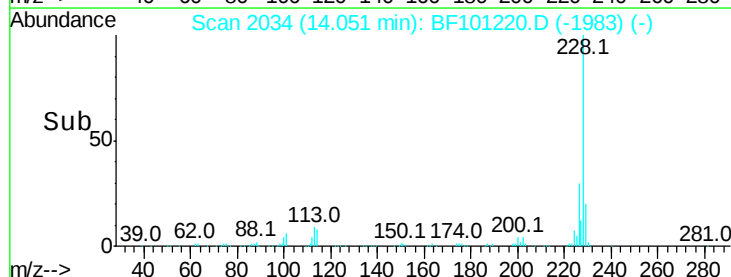
228 100

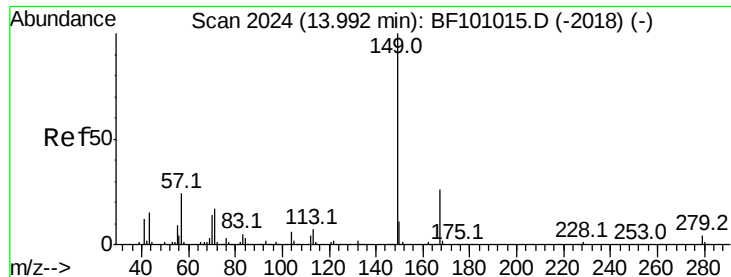
226 29.7 25.0 37.6

229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.561 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

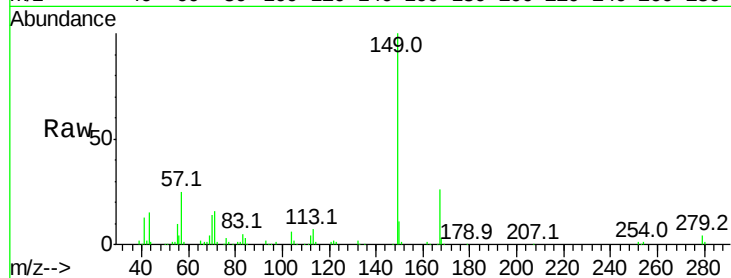
Tot Ion:149 Resp: 133041

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

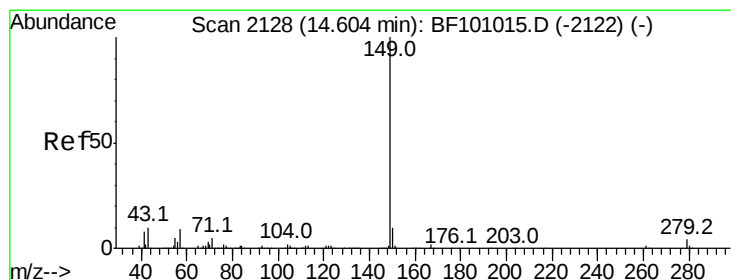
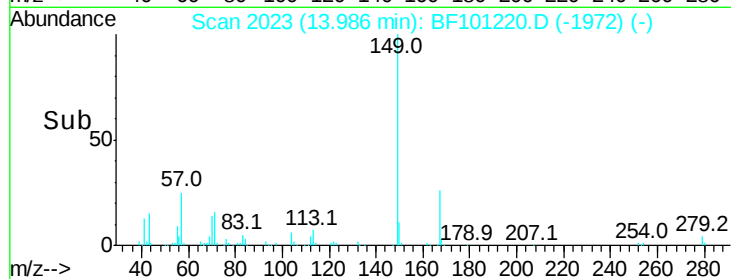
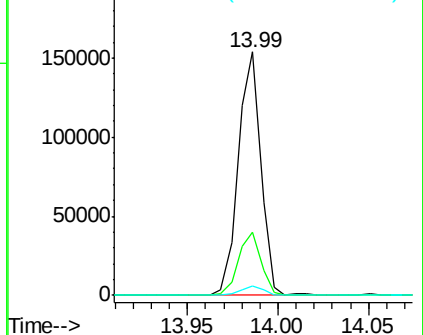
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.417 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

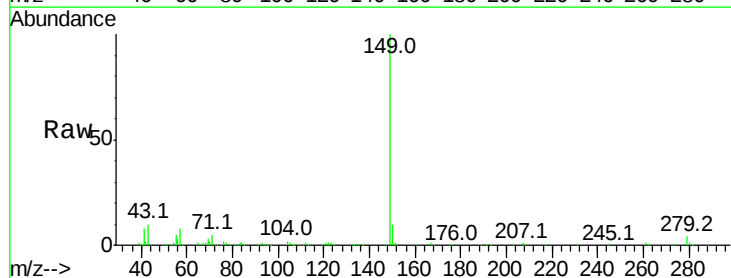
Tgt Ion:149 Resp: 208160

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

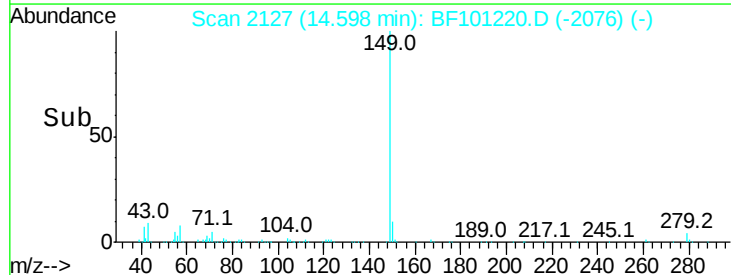
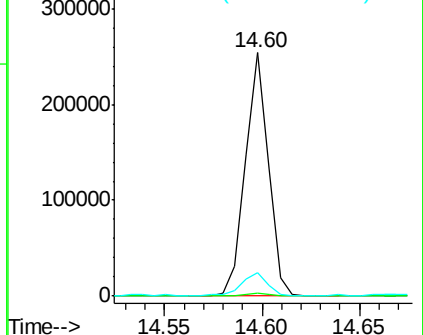
43 9.8 8.4 12.6

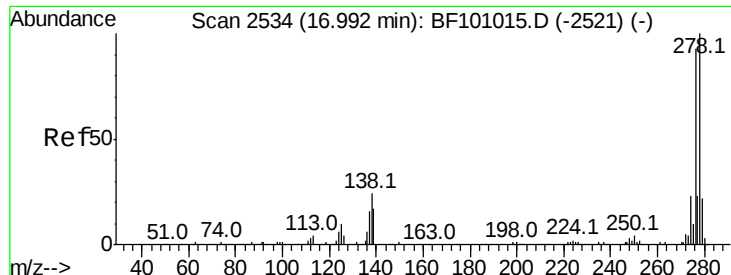


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

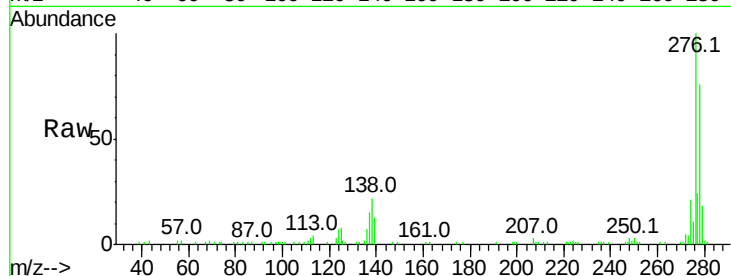




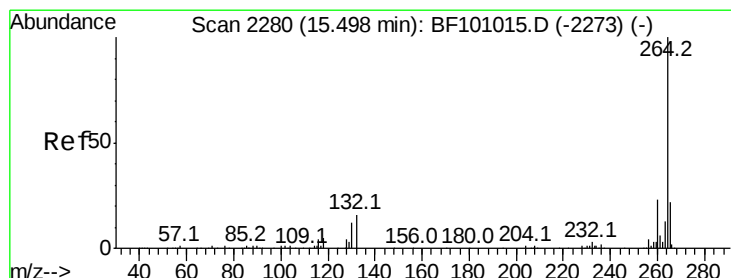
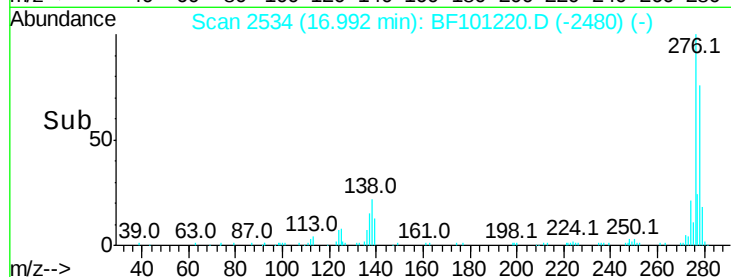
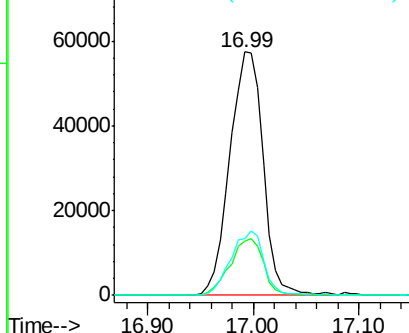
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.915 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	26.1	20.1	30.1

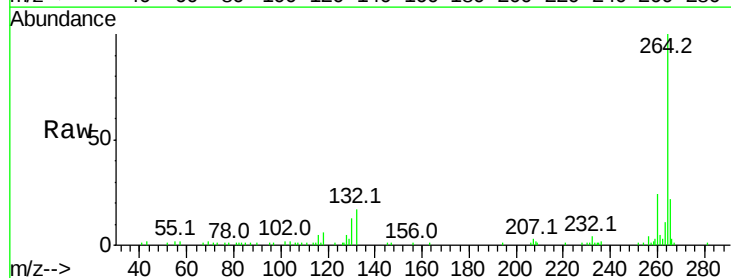


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

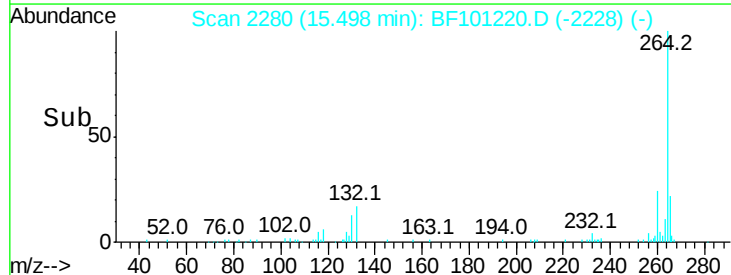
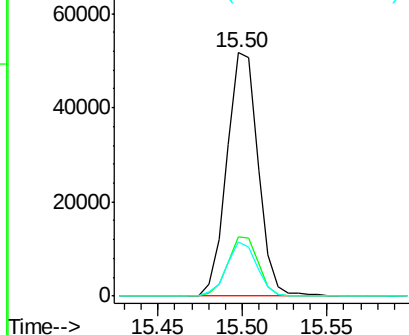


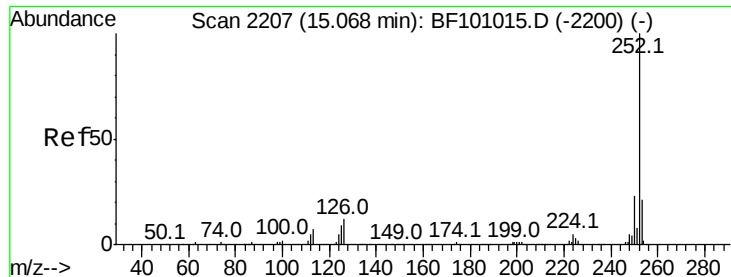
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.745 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

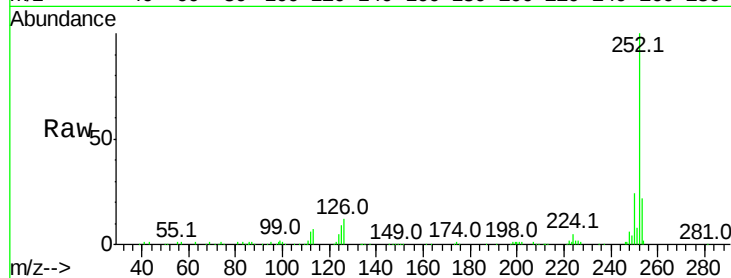
Tot Ion:252 Resp: 134293

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

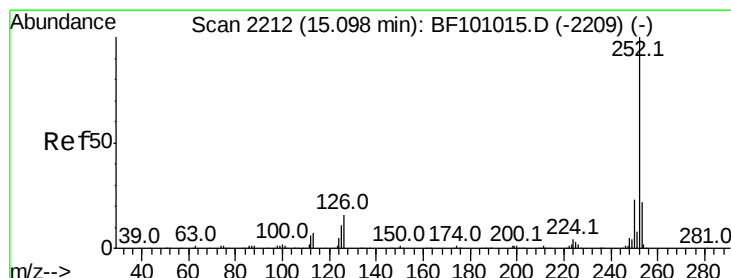
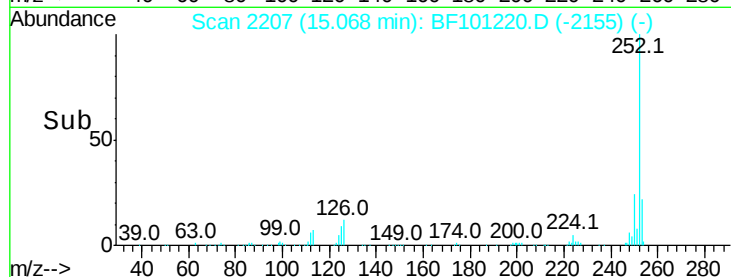
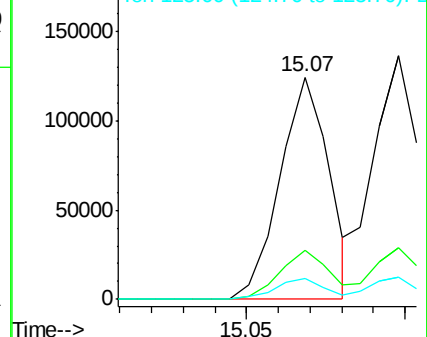
125 9.5 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 35.557 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF101220.D

Acq: 7 Dec 2017 22:01

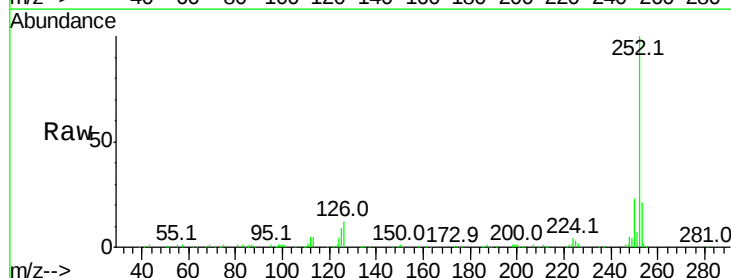
Tgt Ion:252 Resp: 139416

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

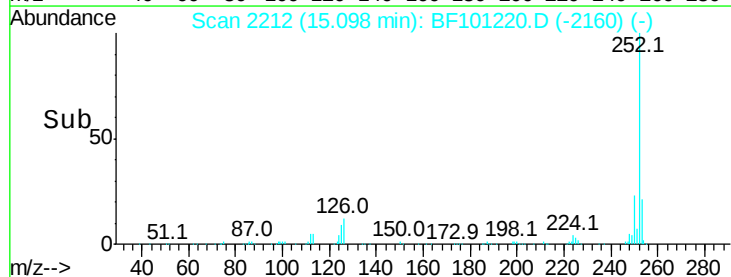
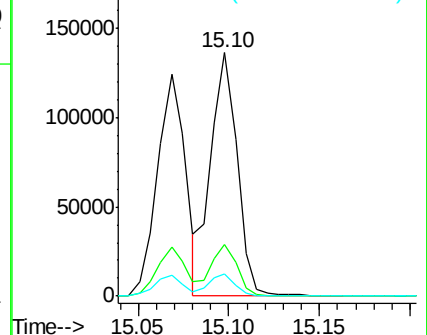
125 9.1 10.2 15.2#

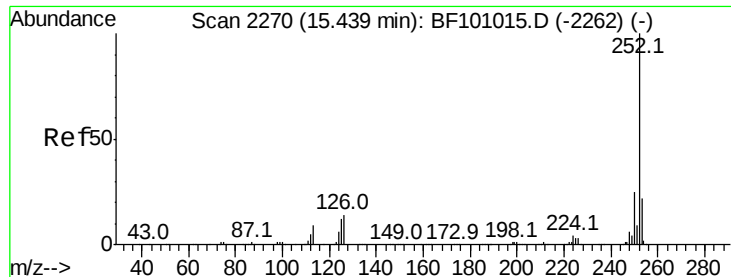


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

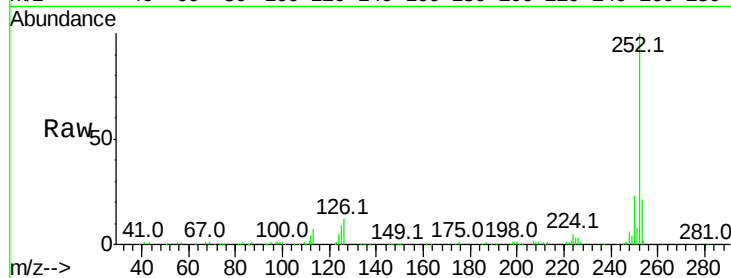




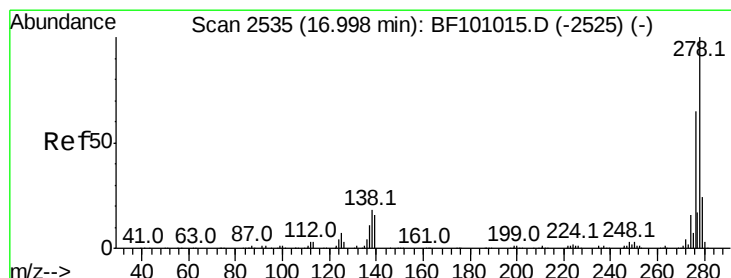
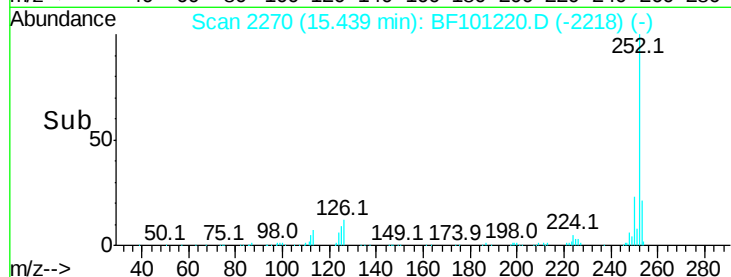
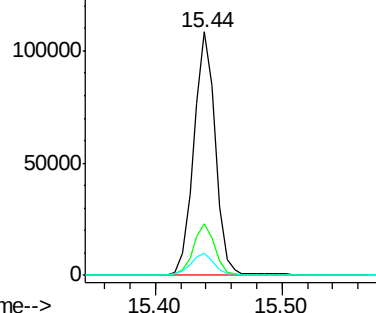
#89
Benzo(a)pyrene
Concen: 35.329 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 127823
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 9.2 9.8 14.6#

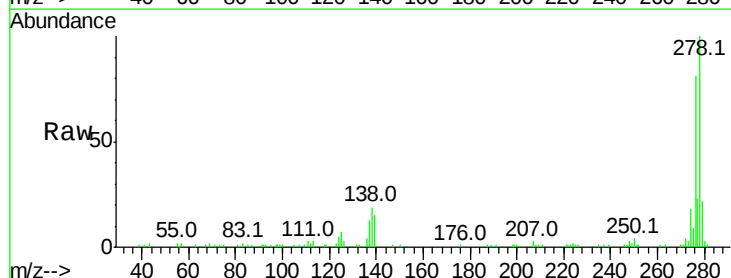


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

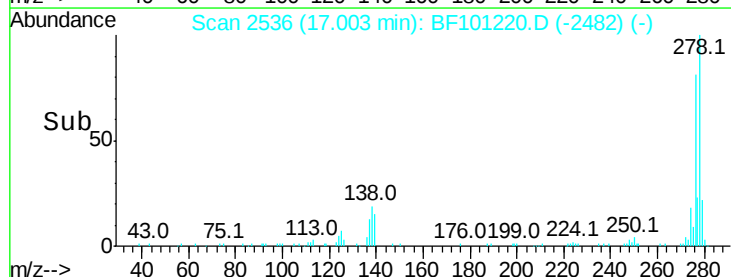
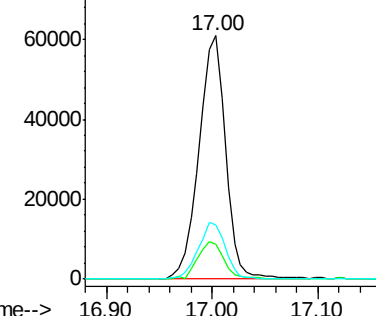


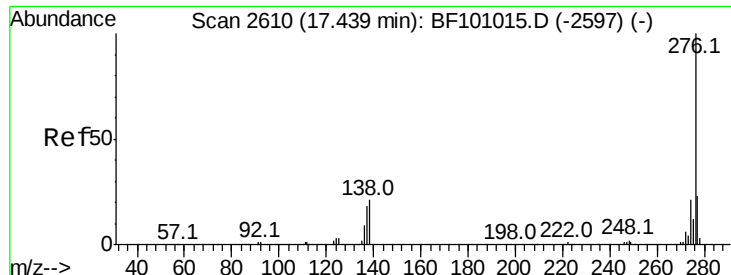
#90
Dibenzo(a,h)anthracene
Concen: 33.412 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101220.D
Acq: 7 Dec 2017 22:01

Tgt Ion:278 Resp: 106573
Ion Ratio Lower Upper
278 100
139 14.6 15.9 23.9#
279 22.5 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: 33.909 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101220.D
 Acq: 7 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	101928
Ion	Ratio	Lower Upper
276	100	
277	24.4	17.9 26.9
138	20.0	21.8 32.8

