

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101155.D
 Acq On : 6 Dec 2017 6:01
 Operator : SJ/JU
 Sample : I6702-12MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 07:00:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53837	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203350	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92257	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	167785	20.00	ng	0.00
75) Chrysene-d12	14.02	240	104552	20.00	ng	0.00
86) Perylene-d12	15.49	264	112450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	307095	94.26	ng	0.01
7) Phenol-d6	6.49	99	365637	92.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	225599	66.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94696	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	460322	68.27	ng	0.00
78) Terphenyl-d14	12.96	244	365746	76.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	40787	30.275	ng	97
3) Pyridine	3.48	79	76506	21.906	ng	91
4) n-Nitrosodimethylamine	3.42	42	57463	33.687	ng	# 90
6) Aniline	6.52	93	54613	10.617	ng	98
8) 2-Chlorophenol	6.63	128	117610	33.108	ng	95
9) Benzaldehyde	6.40	77	44576	18.412	ng	98
10) Phenol	6.50	94	143374	32.598	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	104305	31.616	ng	99
12) 1,3-Dichlorobenzene	6.79	146	134613	32.544	ng	99
13) 1,4-Dichlorobenzene	6.86	146	138486	32.338	ng	97
14) 1,2-Dichlorobenzene	7.02	146	129018	32.299	ng	97
15) Benzyl Alcohol	6.99	79	99488	32.565	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	164041	36.580	ng	92
17) 2-Methylphenol	7.10	107	94605	32.981	ng	98
18) Hexachloroethane	7.36	117	41835	30.406	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	79213	29.736	ng	95
20) 3+4-Methylphenols	7.26	107	120137	32.114	ng	# 63
22) Acetophenone	7.26	105	155094	31.569	ng	# 90
24) Nitrobenzene	7.43	77	115142	34.464	ng	98
25) Isophorone	7.67	82	207502	35.636	ng	99
26) 2-Nitrophenol	7.75	139	60190	32.819	ng	99
27) 2,4-Dimethylphenol	7.78	122	100330	37.816	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	130280	33.290	ng	98
29) 2,4-Dichlorophenol	7.99	162	100568	34.824	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	109236	34.400	ng	95
31) Naphthalene	8.15	128	336597	33.585	ng	99
32) Benzoic acid	7.87	122	10069	4.880	ng	97
33) 4-Chloroaniline	8.20	127	28279	7.023	ng	96
34) Hexachlorobutadiene	8.26	225	64527	33.131	ng	95
35) Caprolactam	8.57	113	24667	27.408	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	99421	33.235	ng	95
37) 2-Methylnaphthalene	8.85	142	228684	33.581	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	104333	31.130	ng	# 95
40) Hexachlorocyclopentadiene	8.99	237	27019	28.031	ng	93

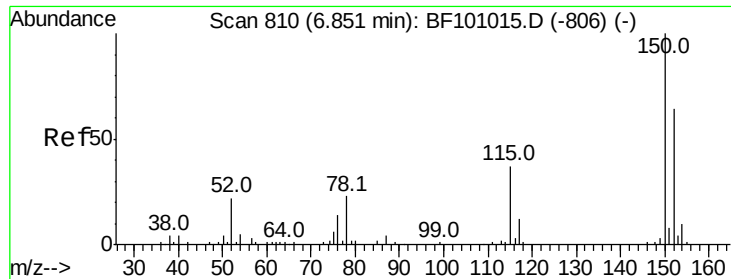
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101155.D
 Acq On : 6 Dec 2017 6:01
 Operator : SJ/JU
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 BNA_F
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Quant Time: Dec 06 07:00:11 2017
 Quant Method : Z:\HPCHEM1\BNA 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)
42) 2,4,6-Trichlorophenol	9.12	196	69186	35.215	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	72870	34.693	nq	# 91
45) 1,1'-Biphenyl	9.30	154	265177	31.372	nq	97
46) 2-Chloronaphthalene	9.33	162	213898	35.633	nq	96
47) 2-Nitroaniline	9.43	65	60627	34.136	nq	98
48) Acenaphthylene	9.75	152	321621	32.602	nq	99
49) Dimethylphthalate	9.60	163	272175	36.581	nq	99
50) 2,6-Dinitrotoluene	9.67	165	52524	33.517	nq	93
51) Acenaphthene	9.92	154	185918	31.473	nq	99
52) 3-Nitroaniline	9.85	138	33260	18.873	nq	90
53) 2,4-Dinitrophenol	9.96	184	10863	17.494	nq	# 16
54) Dibenzofuran	10.09	168	278707	32.740	nq	98
55) 4-Nitrophenol	10.01	139	63767	53.653	nq	97
56) 2,4-Dinitrotoluene	10.08	165	66775	31.795	nq	# 95
57) Fluorene	10.44	166	224054	32.377	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	56226	33.433	nq	# 86
59) Diethylphthalate	10.30	149	233623	31.835	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	110036	32.205	nq	# 87
61) 4-Nitroaniline	10.46	138	47387	25.904	nq	89
62) Azobenzene	10.59	77	199175	31.981	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	14196	12.614	nq	83
65) n-Nitrosodiphenylamine	10.55	169	199932	33.776	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	66641	35.484	nq	# 85
67) Hexachlorobenzene	10.99	284	67000	33.287	nq	# 88
68) Atrazine	11.07	200	64582	35.568	nq	97
69) Pentachlorophenol	11.18	266	54715	49.438	nq	96
70) Phenanthrene	11.40	178	304937	33.002	nq	98
71) Anthracene	11.45	178	313864	33.563	nq	99
72) Carbazole	11.61	167	264842	30.997	nq	99
73) Di-n-butylphthalate	11.93	149	355919	33.234	nq	98
74) Fluoranthene	12.59	202	280960	27.432	nq	93
76) Benzidine	12.71	184	29557	8.694	nq	97
77) Pyrene	12.82	202	273588	37.922	nq	99
79) Butylbenzylphthalate	13.43	149	116228	36.541	nq	94
80) Benzo(a)anthracene	14.01	228	218794	33.144	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	62886	27.507	nq	# 96
82) Chrysene	14.04	228	209570	34.184	nq	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	159964	35.271	nq	98
84) Di-n-octyl phthalate	14.59	149	241501	31.982	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	202683	37.186	nq	# 92
87) Benzo(b)fluoranthene	15.09	252	208612	30.972	nq	97
88) Benzo(k)fluoranthene	15.09	252	208612	31.437	nq	# 96
89) Benzo(a)pyrene	15.43	252	203152	33.176	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	176733	32.738	nq	# 93
91) Benzo(g,h,i)perylene	17.43	276	158196	31.095	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampled :

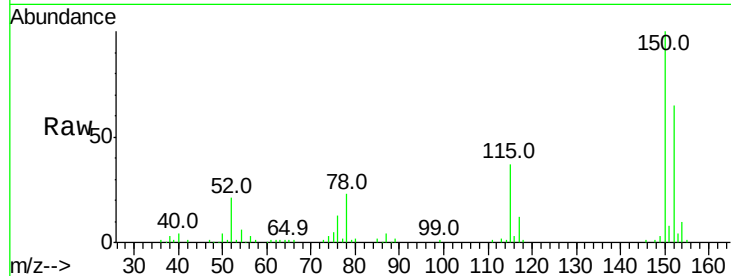
Tot Ion:152 Resp: 53837

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

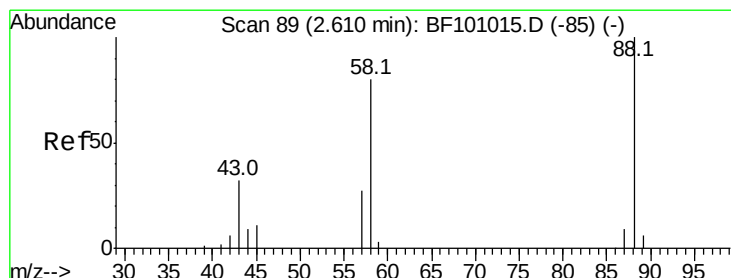
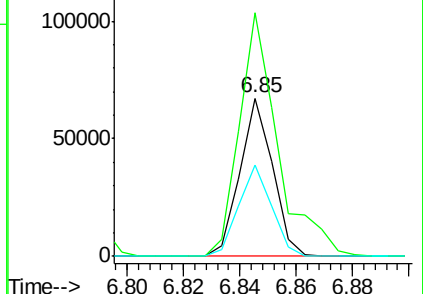
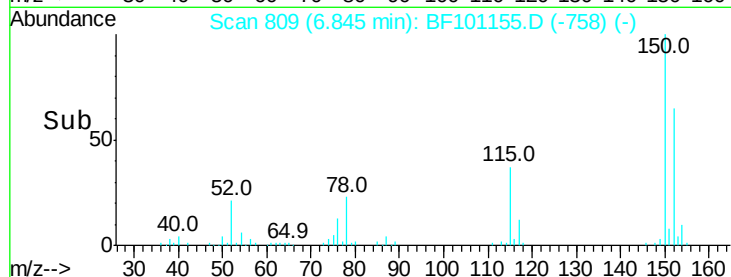
115 57.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.275 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.11 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

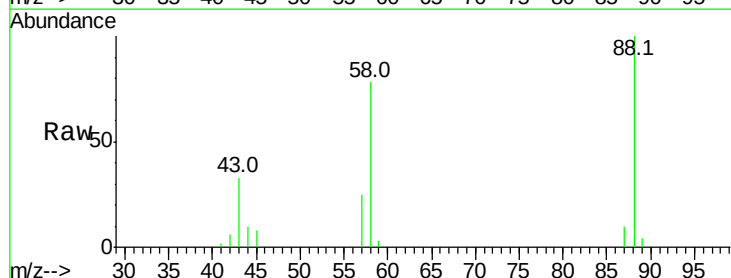
Tgt Ion: 88 Resp: 40787

Ion Ratio Lower Upper

88 100

58 78.7 62.6 93.8

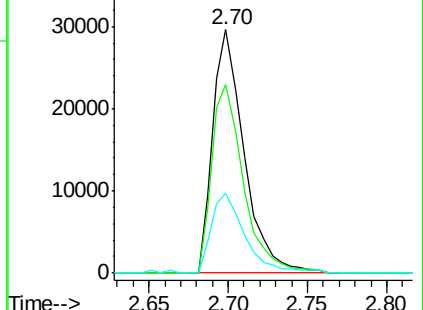
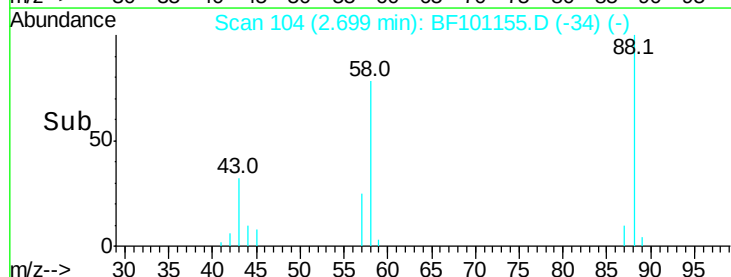
43 35.0 24.6 37.0

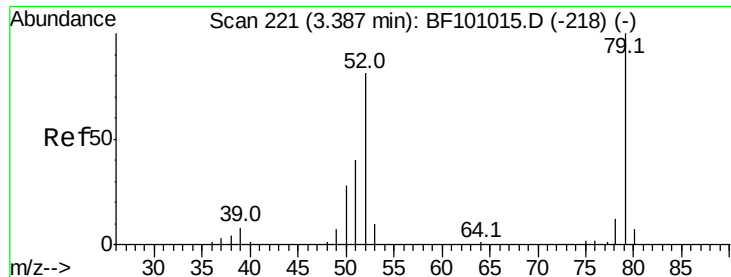


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.906 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.11 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

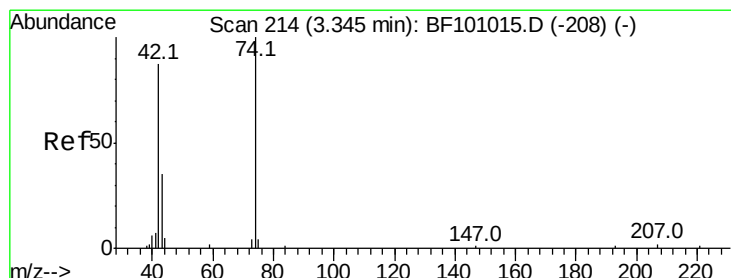
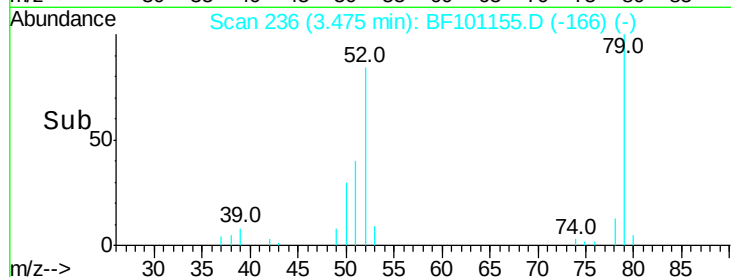
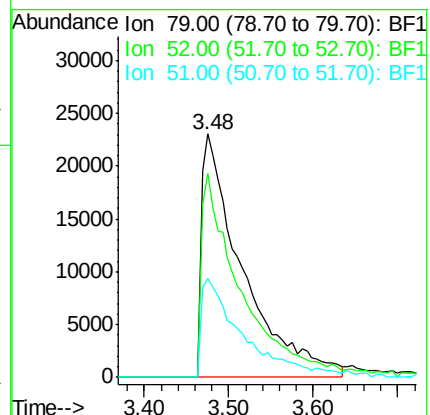
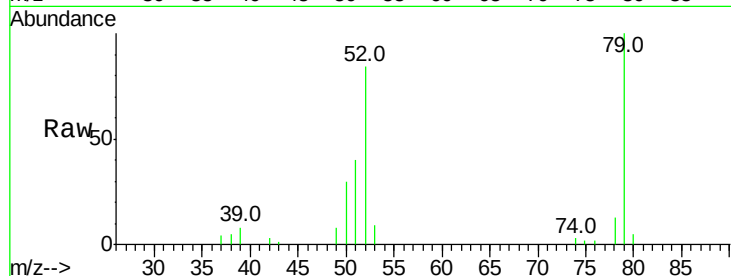
Tot Ion: 79 Resp: 76506

Ion Ratio Lower Upper

79 100

52 83.7 59.8 89.6

51 40.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.687 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

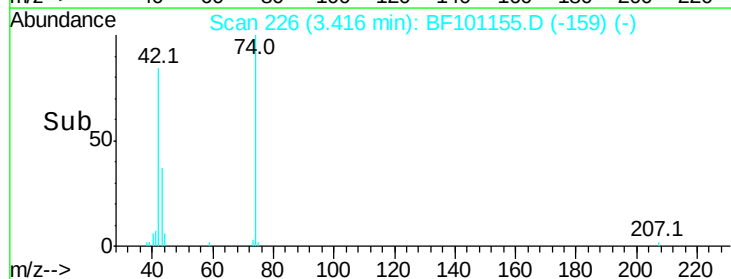
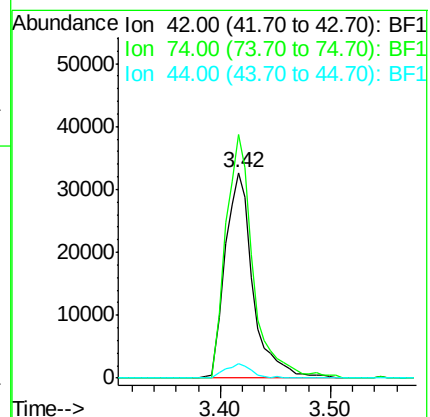
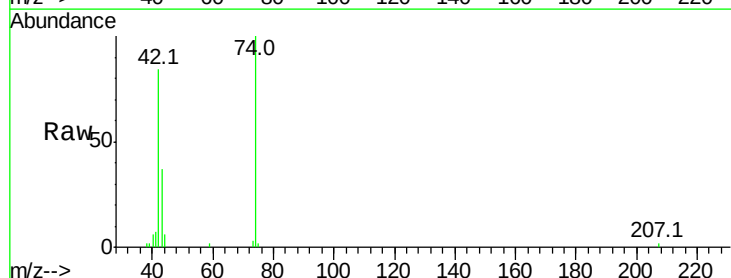
Tgt Ion: 42 Resp: 57463

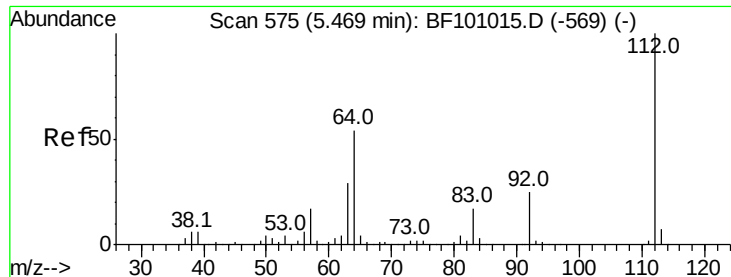
Ion Ratio Lower Upper

42 100

74 118.5 104.9 157.3

44 6.7 6.9 10.3#

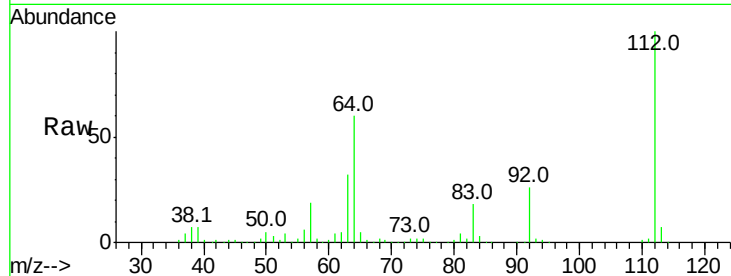




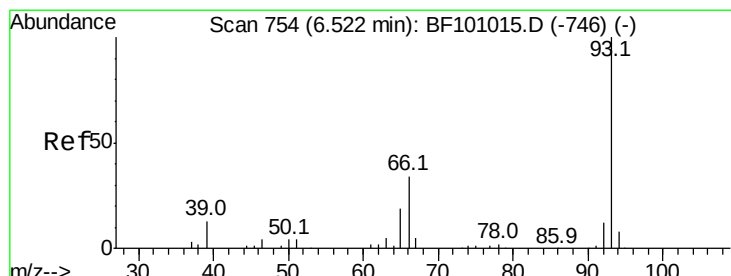
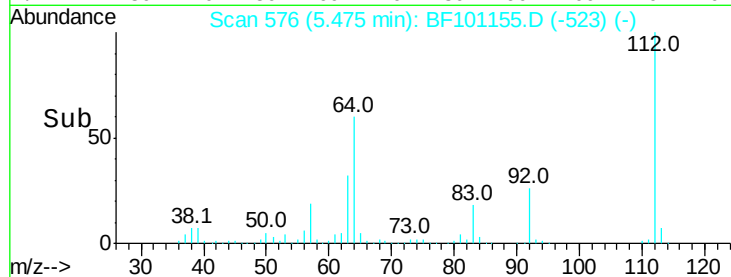
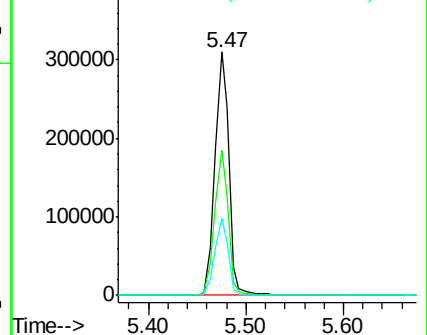
#5
 2-Fluorophenol
 Concen: 94.258 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 112 Resp: 307095
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 31.7 23.7 35.5

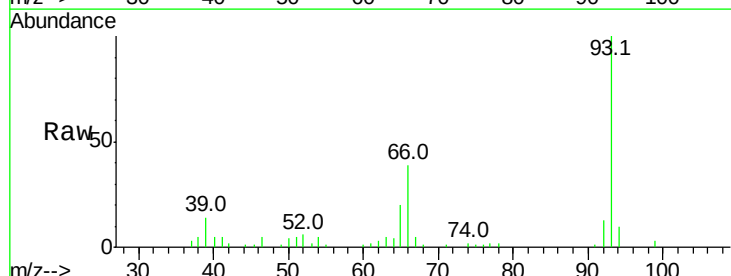


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

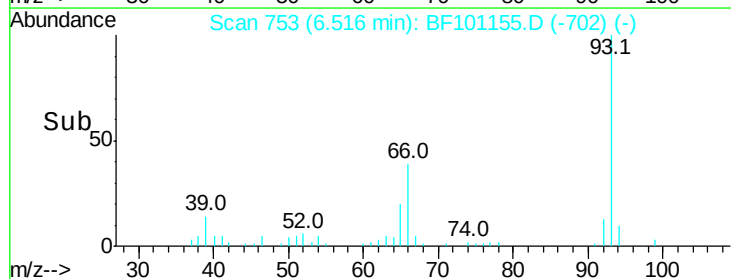
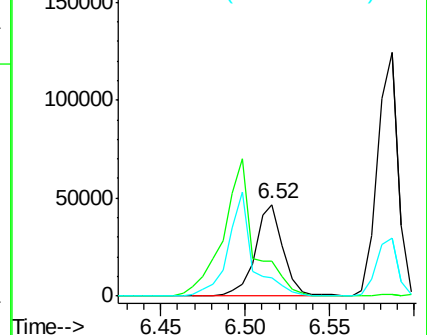


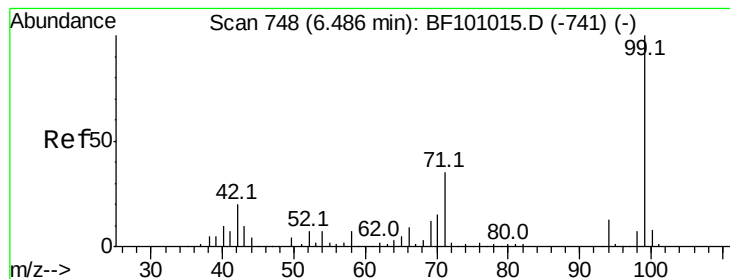
#6
 Aniline
 Concen: 10.617 ng
 RT: 6.52 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion: 93 Resp: 54613
 Ion Ratio Lower Upper
 93 100
 66 38.5 32.2 48.2
 65 20.3 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: 92.436 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

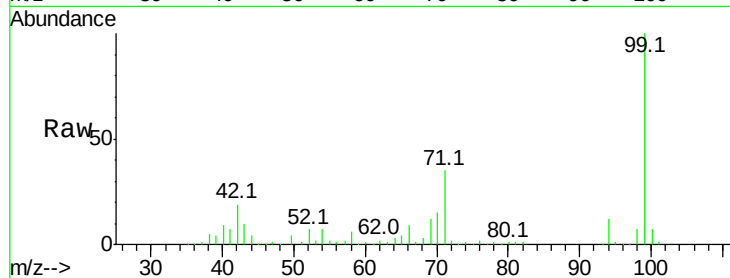
Tot Ion: 99 Resp: 365637

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

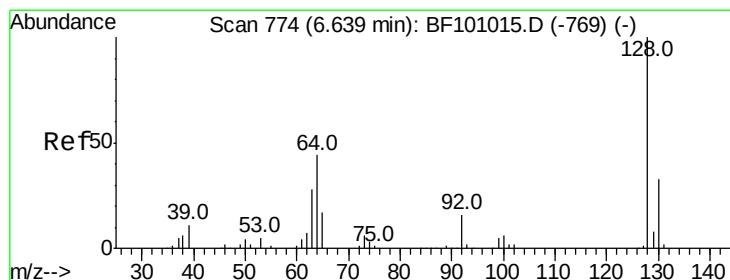
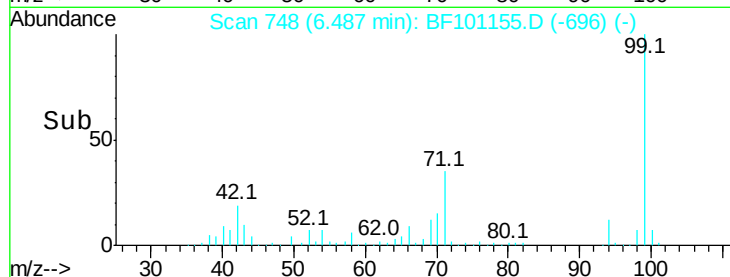
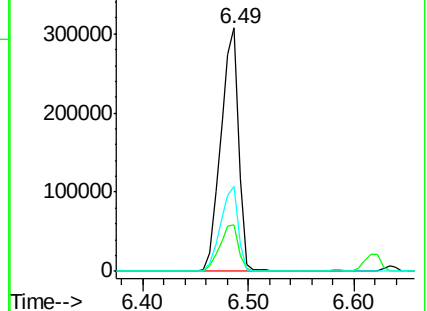
71 34.8 25.4 38.0



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: 33.108 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

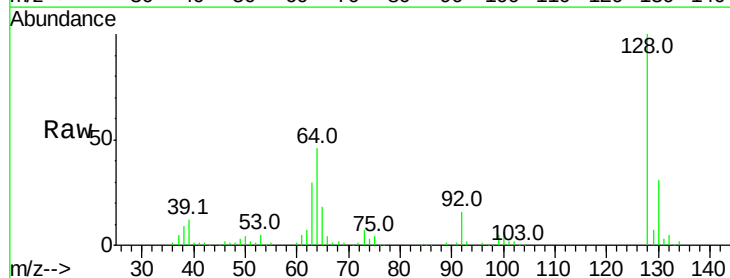
Tgt Ion: 128 Resp: 117610

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

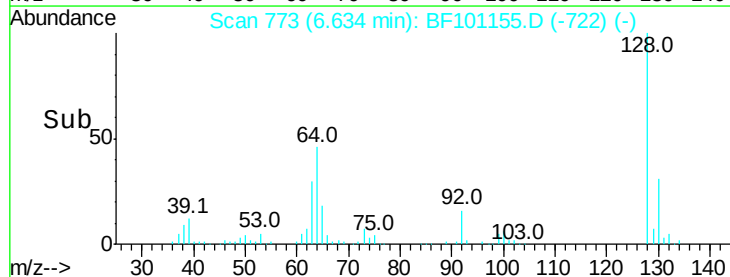
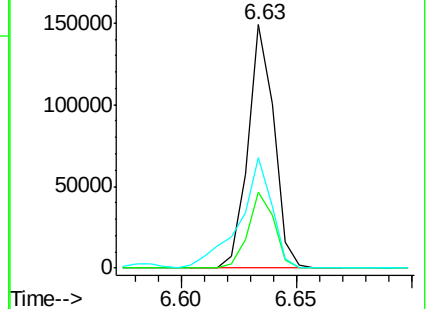
64 45.6 29.4 69.4

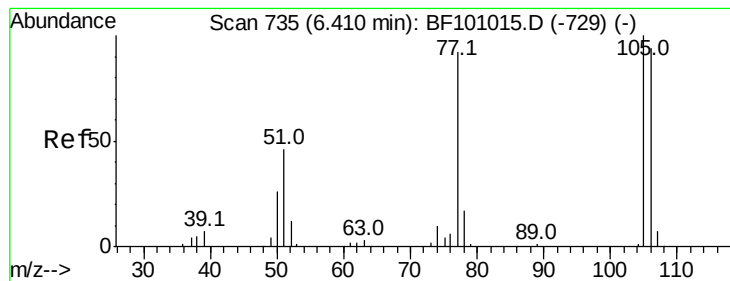


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.412 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

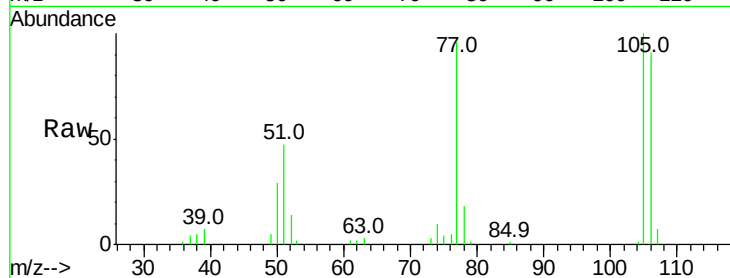
Tot Ion: 77 Resp: 44576

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

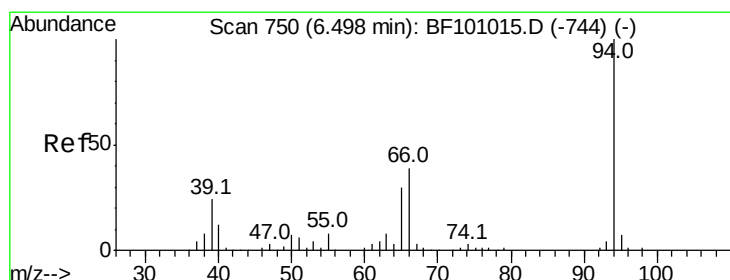
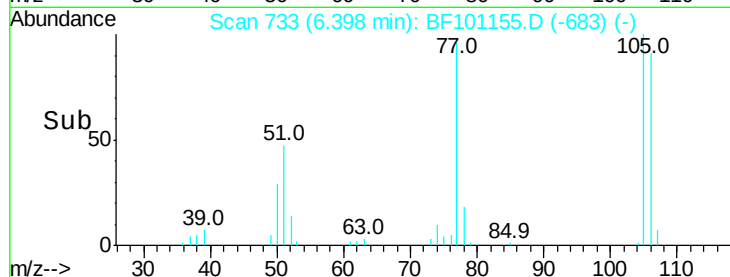
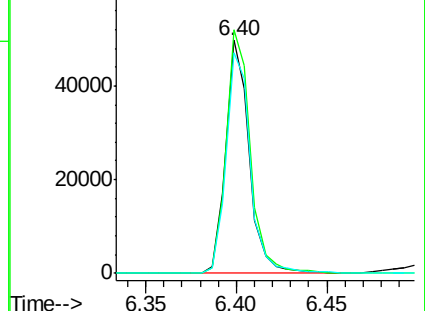
106 95.0 74.5 114.5



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: 32.598 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

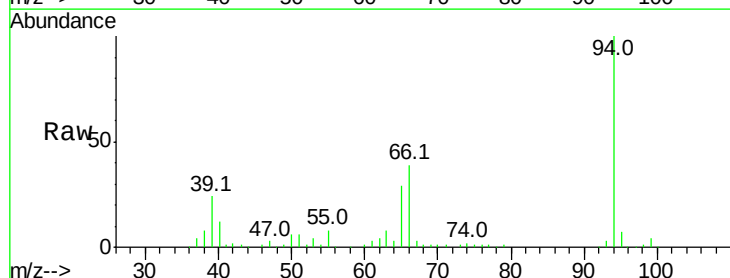
Tgt Ion: 94 Resp: 143374

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

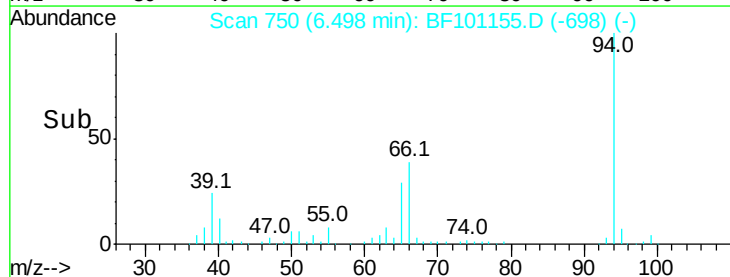
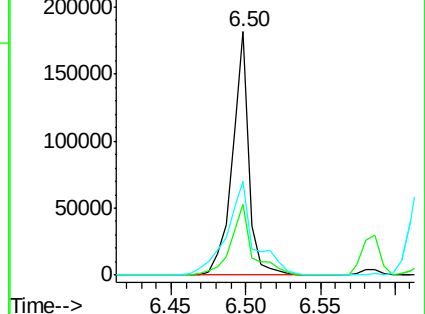
66 38.6 16.2 56.2

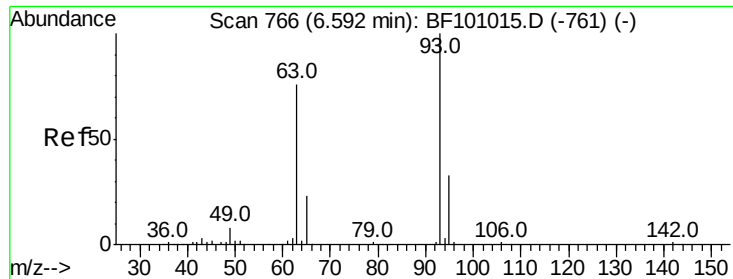


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

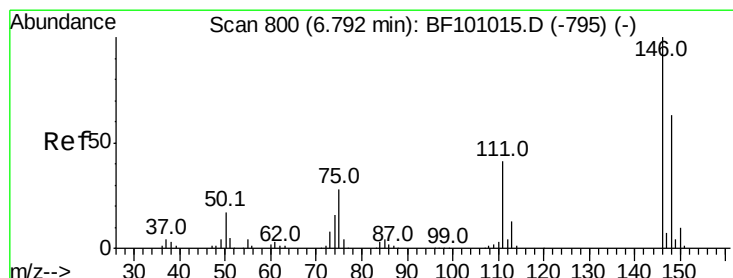
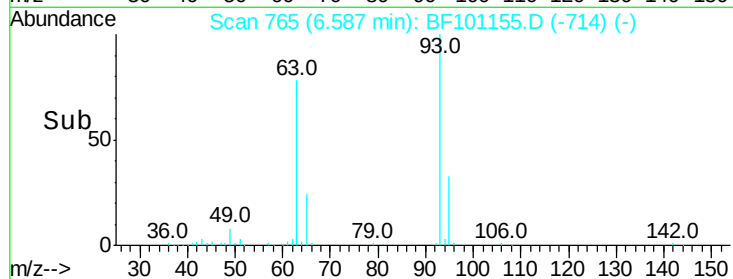
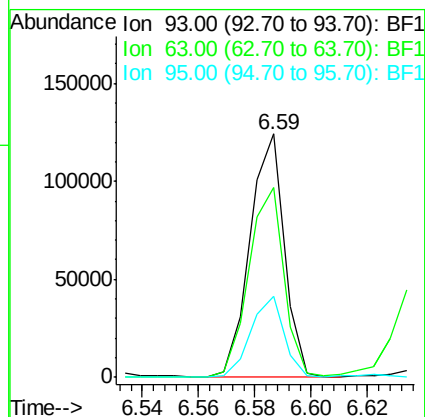
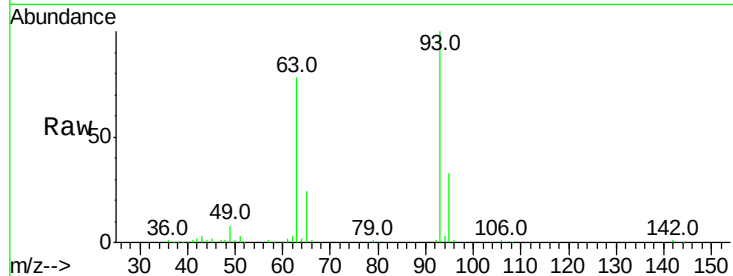




#11
bis(2-Chloroethyl)ether
Concen: 31.616 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

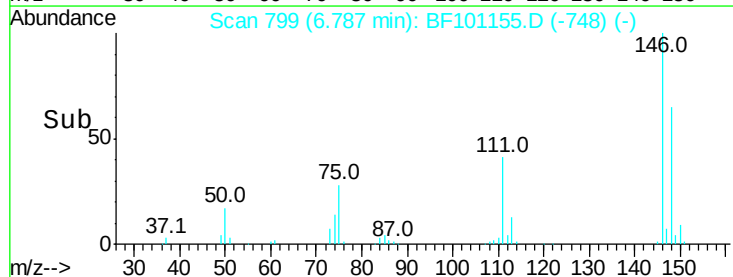
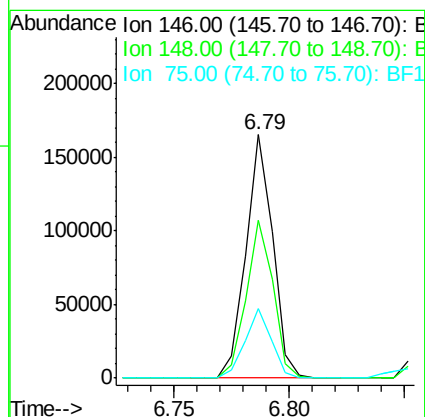
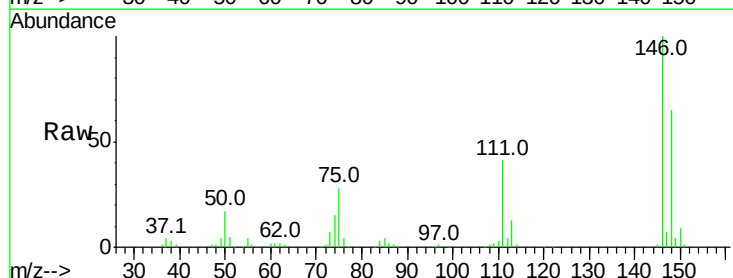
Instrument :
BNA_F
ClientSampleId :

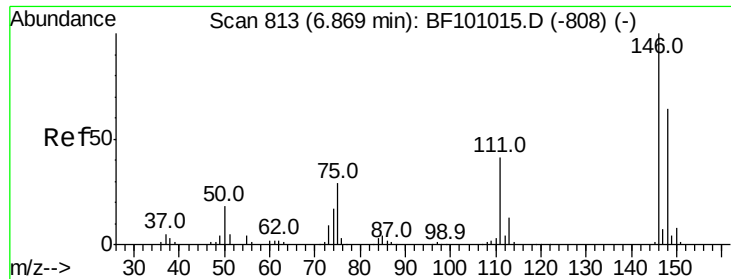
Tot Ion: 93 Resp: 104305
Ion Ratio Lower Upper
93 100
63 78.2 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.544 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion: 146 Resp: 134613
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.4 24.2 36.4

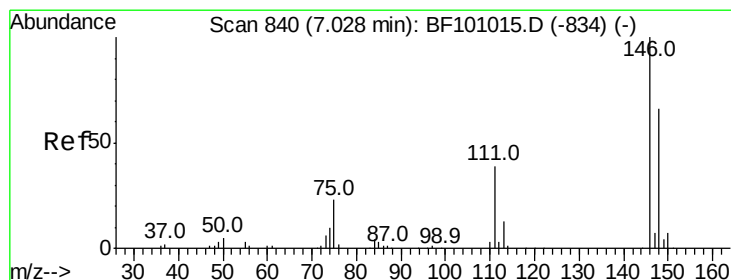
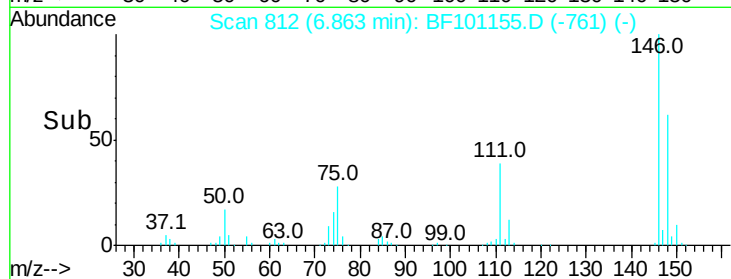
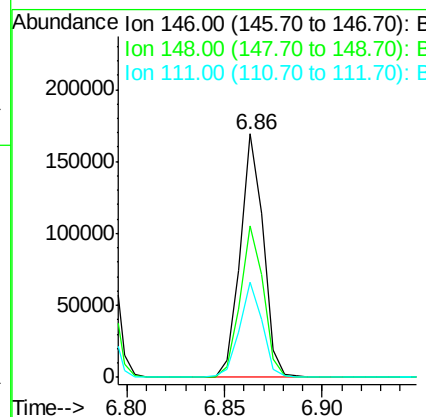
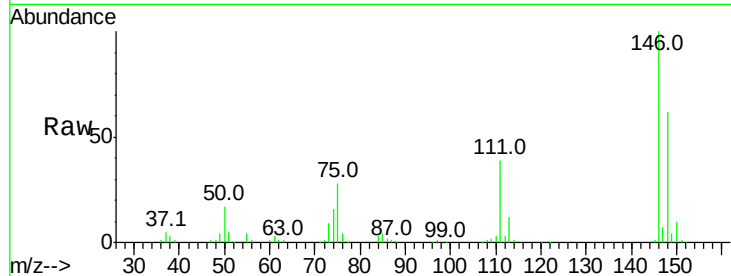




#13
 1,4-Dichlorobenzene
 Concen: 32.338 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

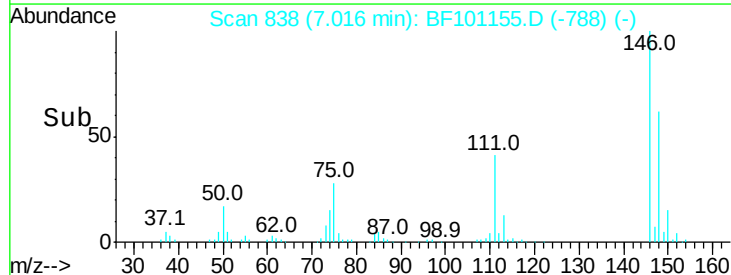
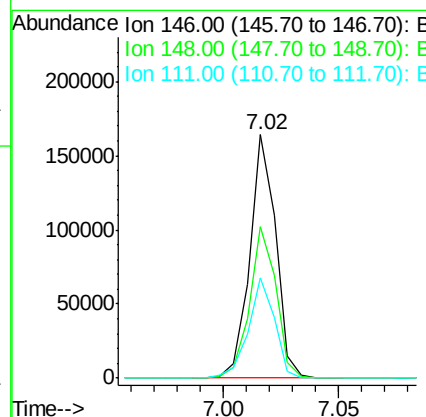
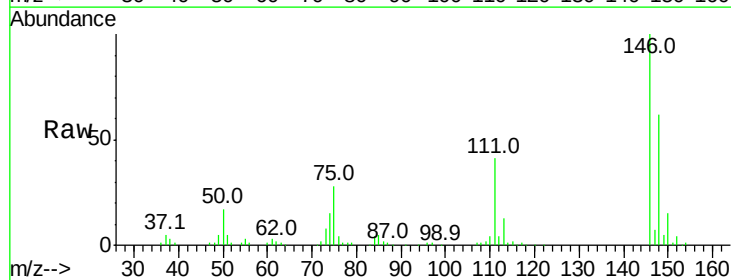
Instrument :
 BNA_F
 ClientSampleId :

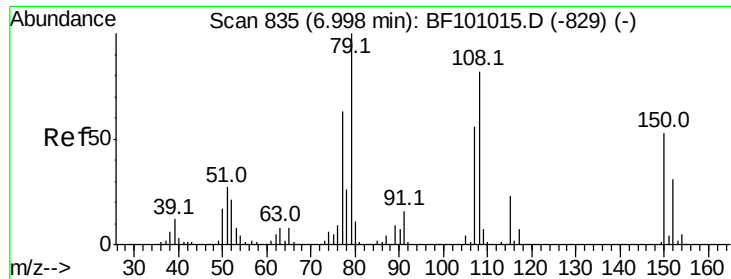
Tot Ion:146 Resp: 138486
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 39.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.299 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:146 Resp: 129018
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 41.0 36.0 54.0

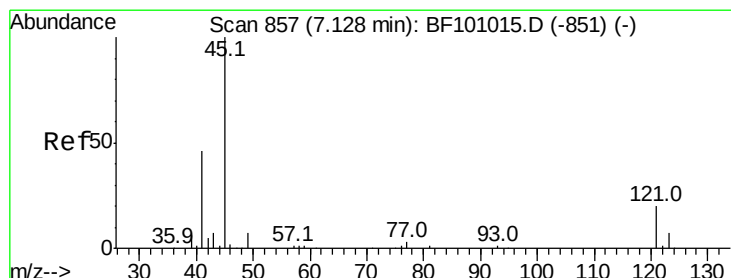
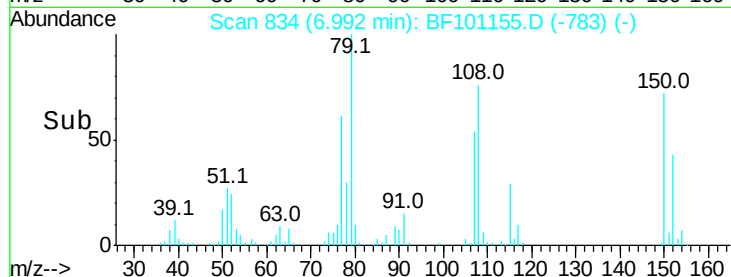
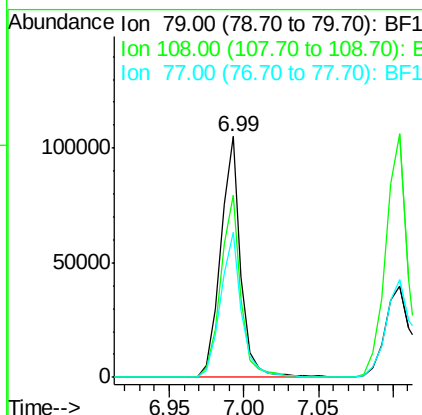
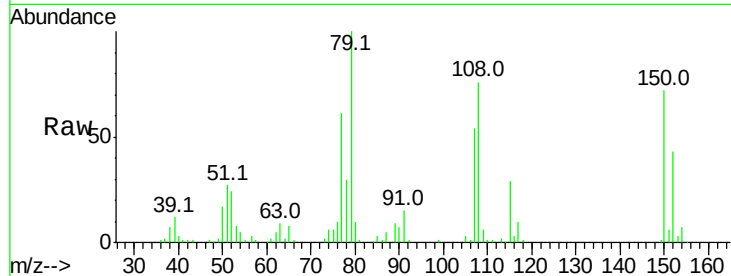




#15
Benzyl Alcohol
Concen: 32.565 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

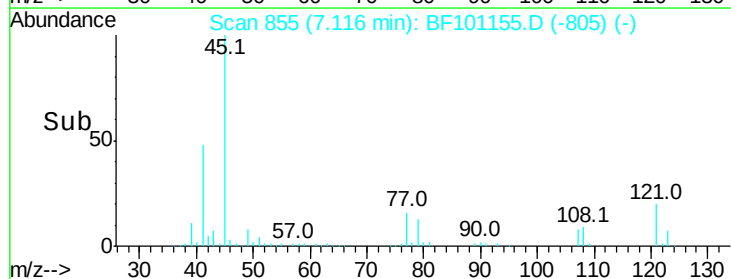
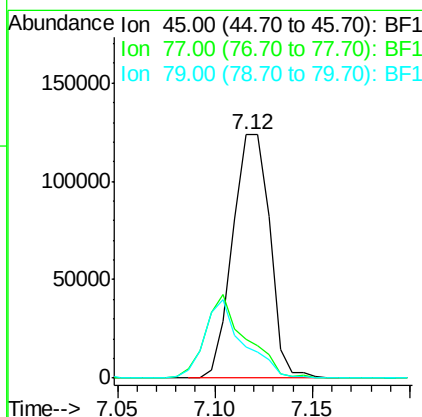
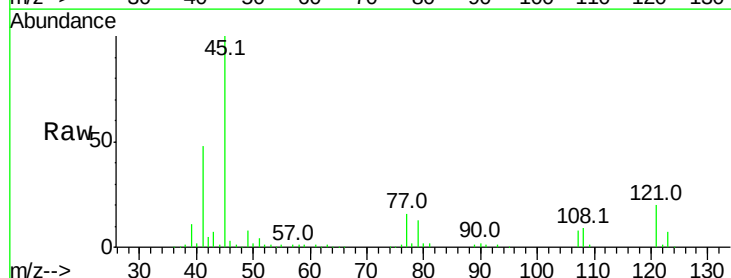
Instrument :
BNA_F
ClientSampleId :

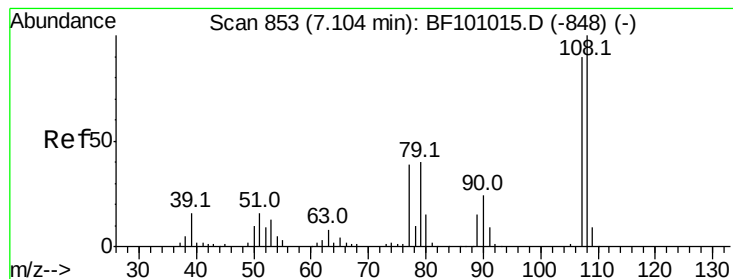
Tot Ion: 79 Resp: 99488
Ion Ratio Lower Upper
79 100
108 76.0 65.1 97.7
77 60.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.580 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion: 45 Resp: 164041
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.7 0.0 29.6

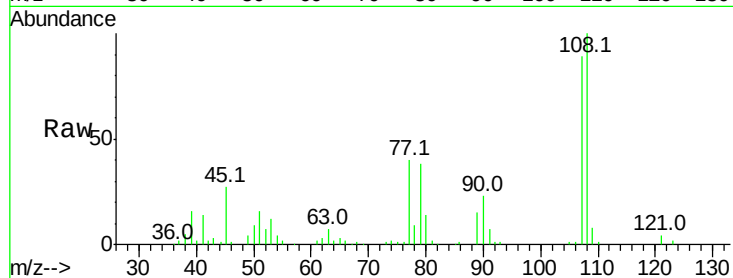




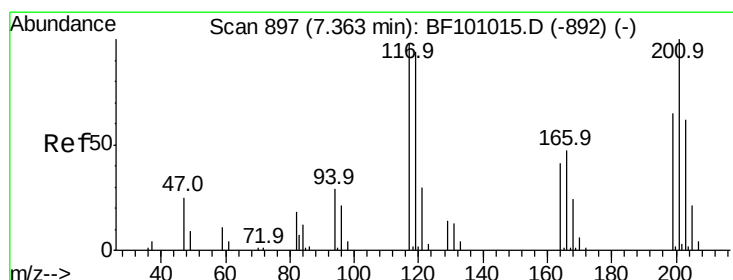
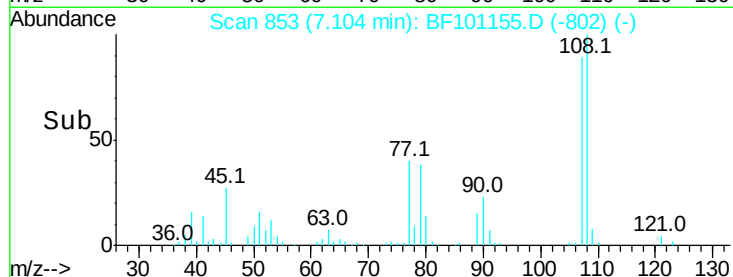
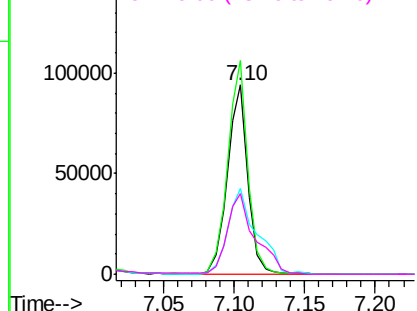
#17
2-Methylphenol
Concen: 32.981 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 94605
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 45.4 33.8 50.8
79 42.5 33.8 50.8

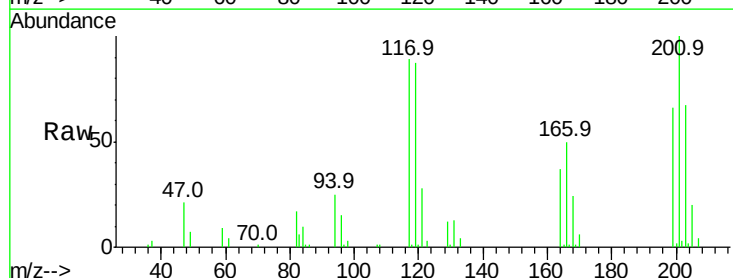


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

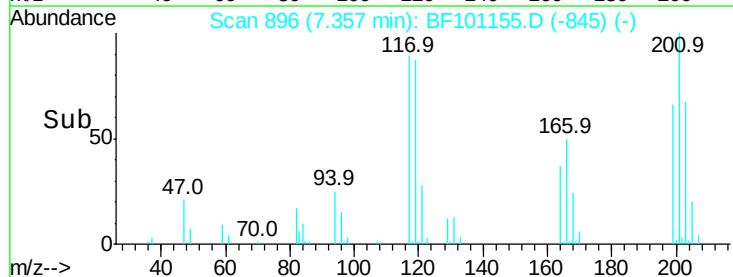
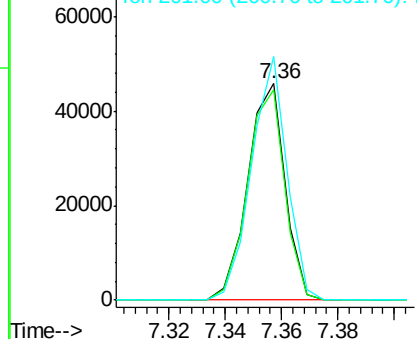


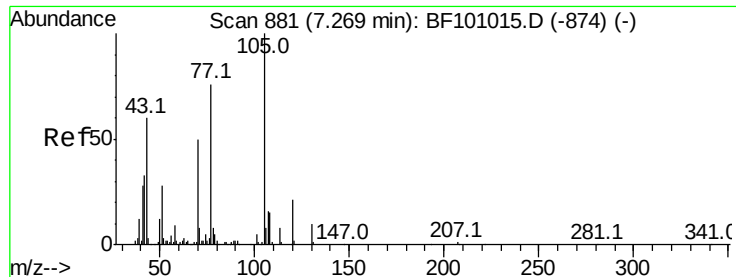
#18
Hexachloroethane
Concen: 30.406 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:117 Resp: 41835
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 112.4 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: 29.736 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF101155.D

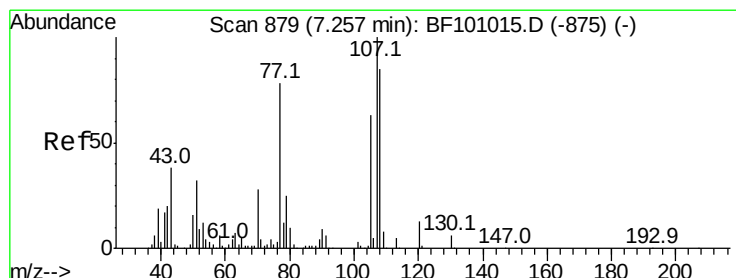
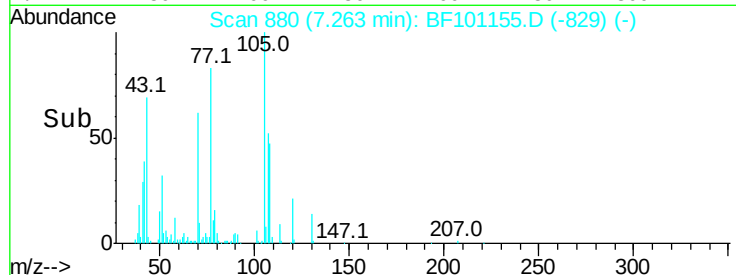
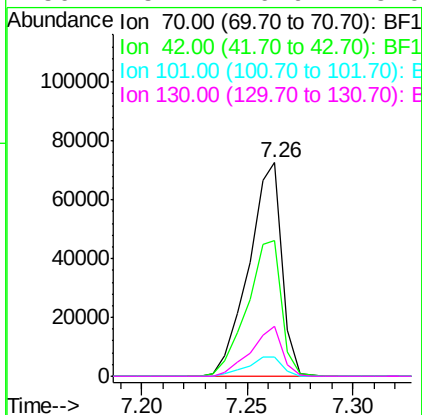
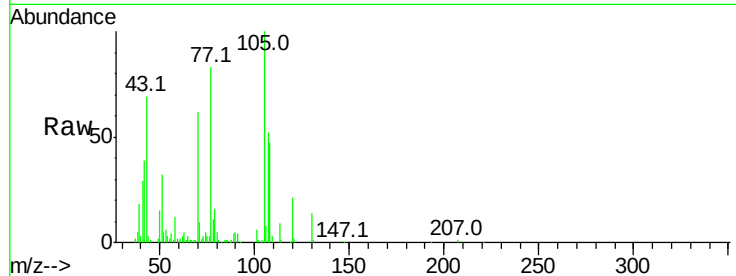
Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	79213
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	8.9	7.4	11.2
130	23.2	16.6	25.0



#20

3+4-Methylphenols

Concen: 32.114 ng

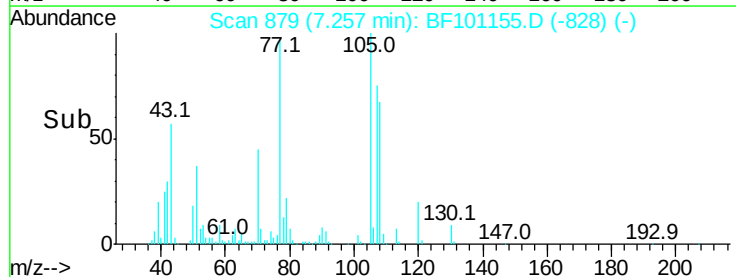
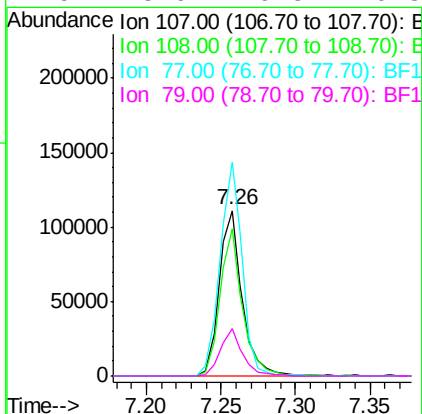
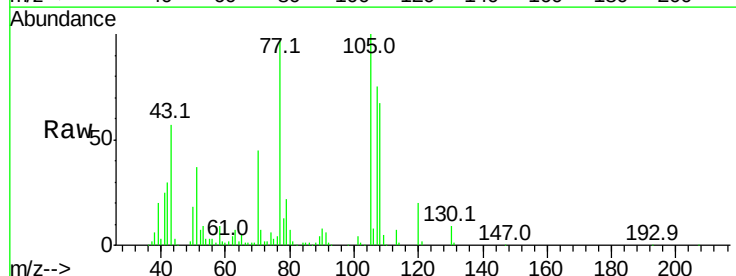
RT: 7.26 min Scan# 879

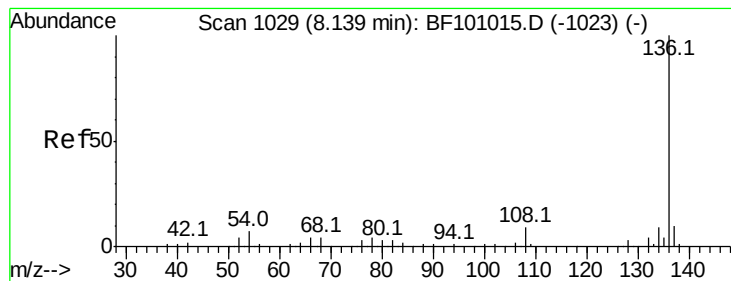
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	107	Resp:	120137
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	129.3	26.7	66.7#
79	28.9	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: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 203350

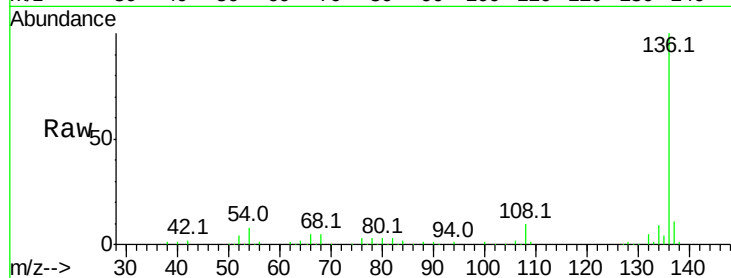
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.9 6.6 9.8

68 4.9 5.0 7.4#

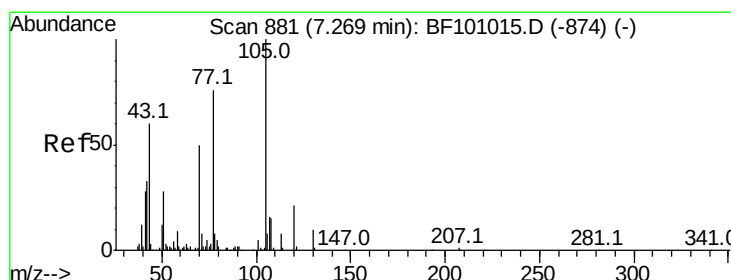
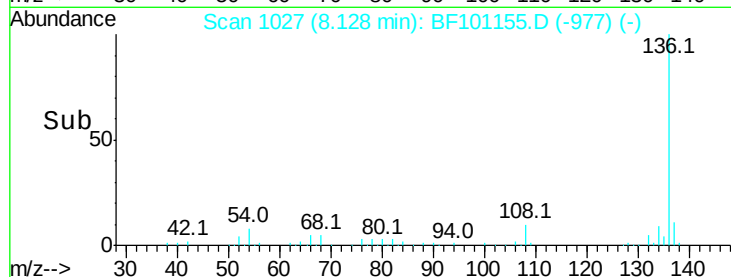
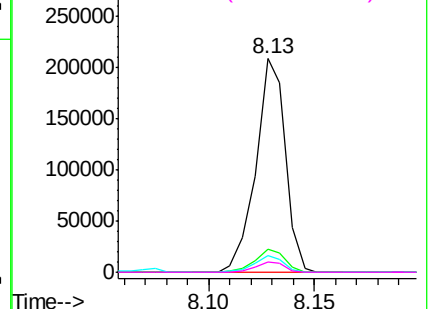


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.569 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:105 Resp: 155094

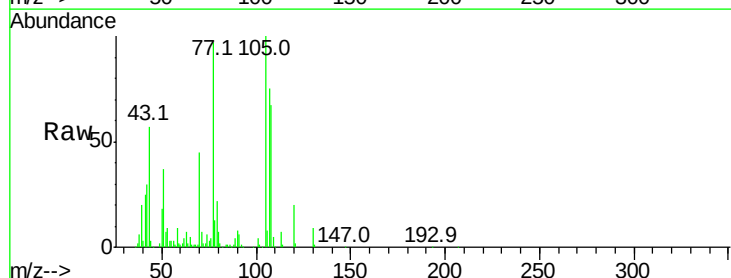
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 37.3 22.3 33.5#

120 20.3 16.9 25.3

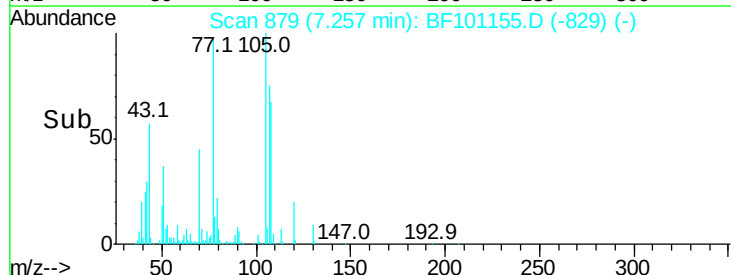
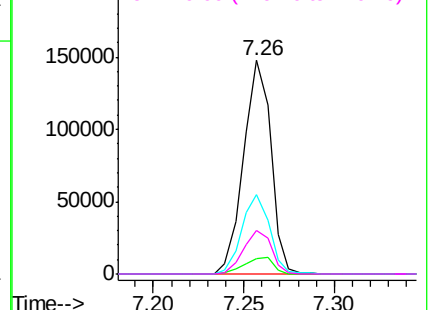


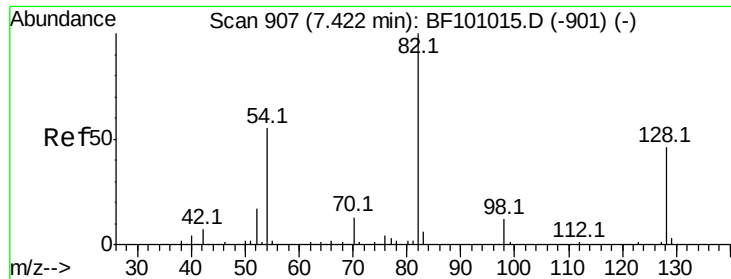
Abundance Ion 105.00 (104.70 to 105.70): E

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

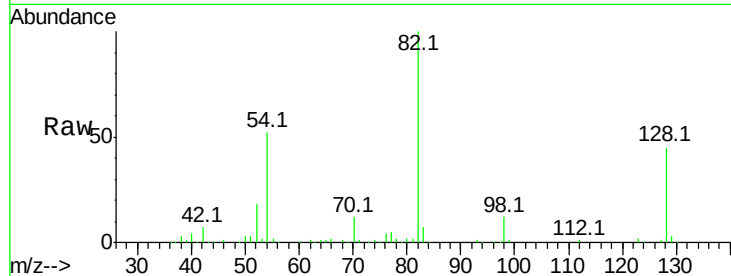




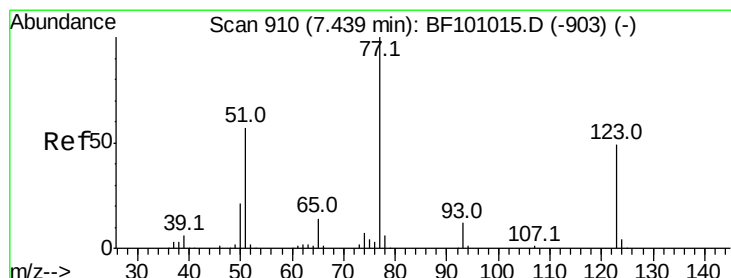
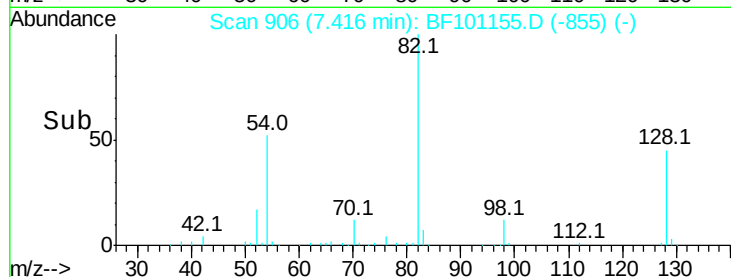
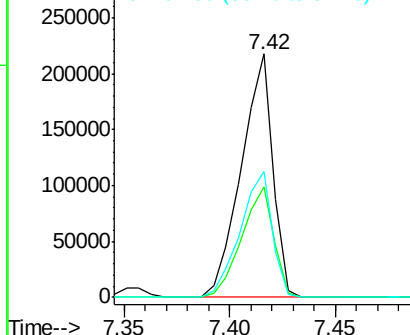
#23
Nitrobenzene-d5
Concen: 66.180 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	225599
Ion Ratio	100	Lower	Upper
128	45.3	36.1	54.1
54	51.8	41.4	62.2

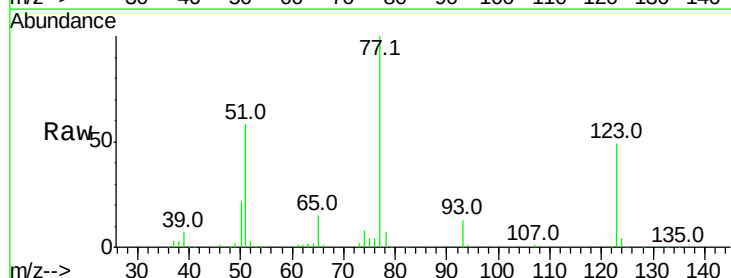


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

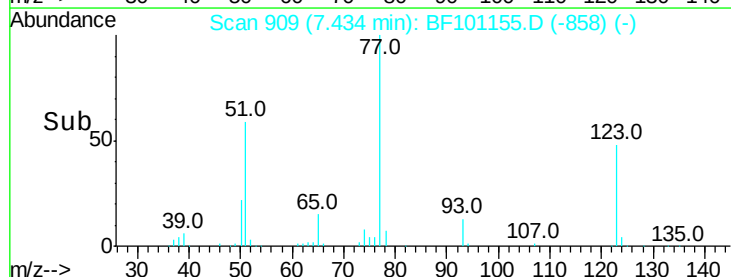
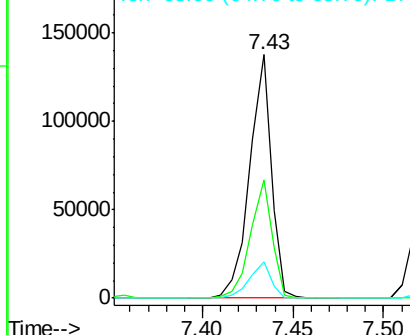


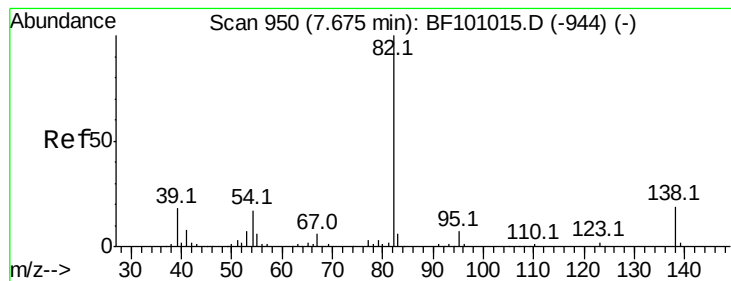
#24
Nitrobenzene
Concen: 34.464 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	77	Resp	115142
Ion Ratio	100	Lower	Upper
123	48.5	37.9	56.9
65	14.8	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: 35.636 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

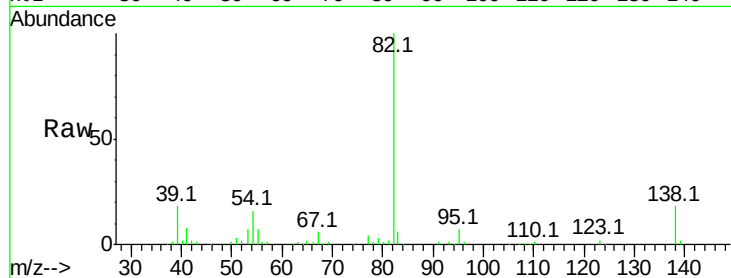
Tot Ion: 82 Resp: 207502

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

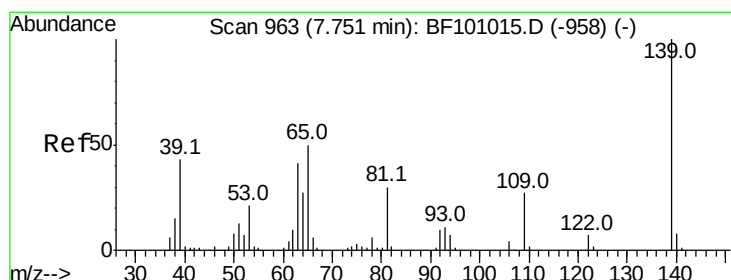
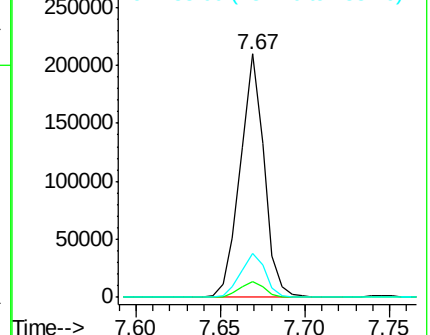
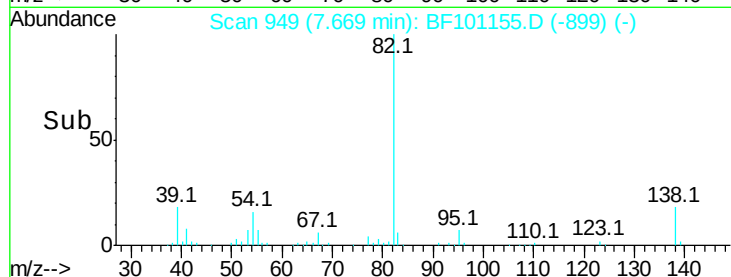
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.819 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

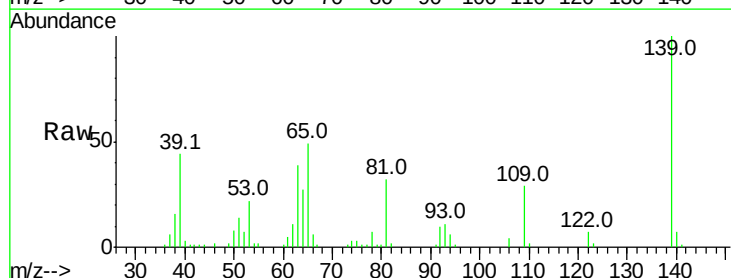
Tgt Ion: 139 Resp: 60190

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

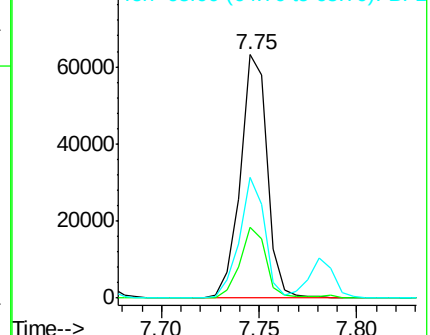
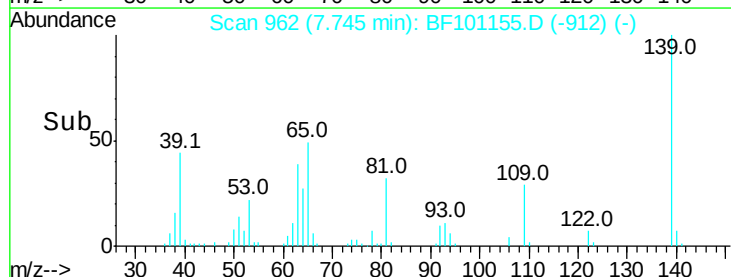
65 49.4 40.5 60.7

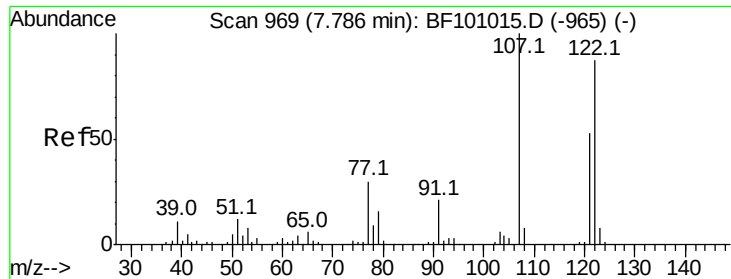


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

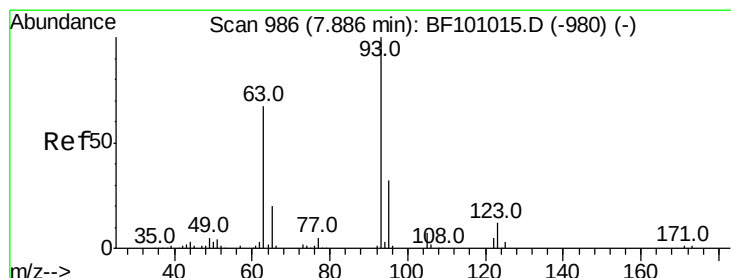
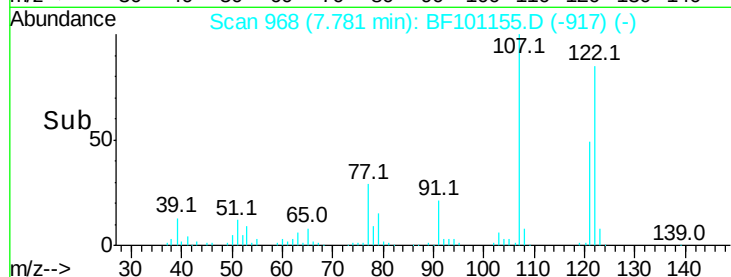
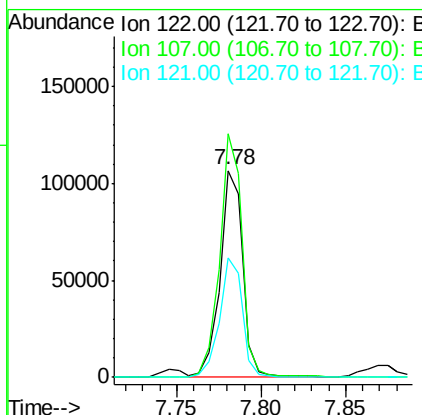
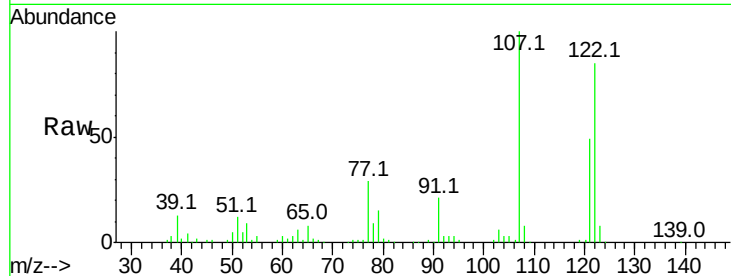




#27
2,4-Dimethylphenol
Concen: 37.816 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

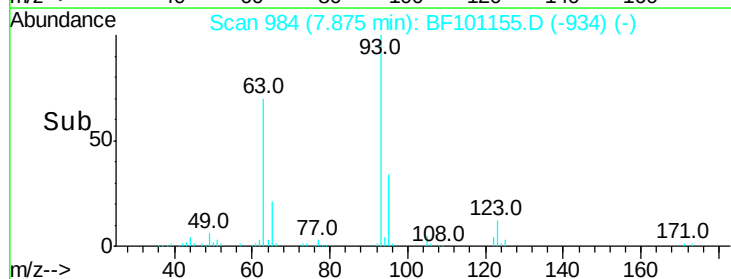
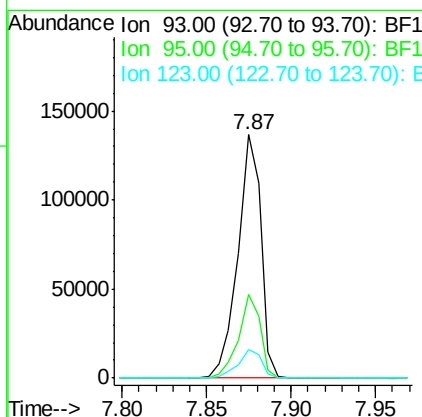
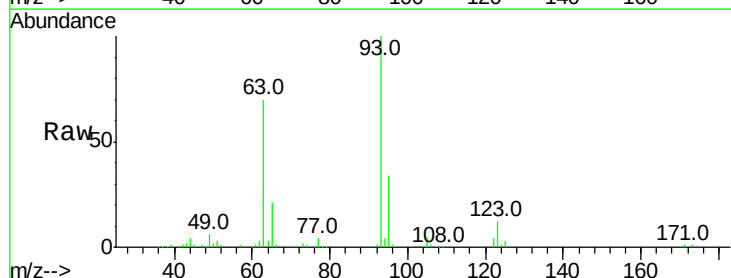
Instrument :
BNA_F
ClientSampleId :

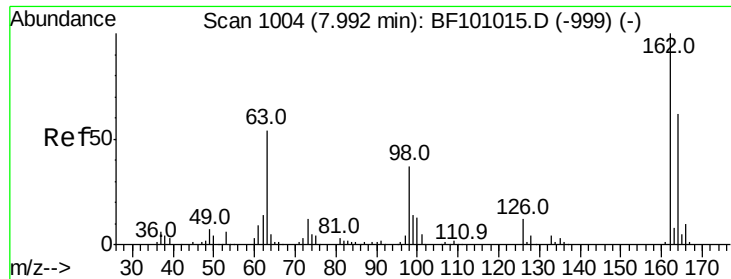
Tot Ion:122 Resp: 100330
Ion Ratio Lower Upper
122 100
107 117.8 91.2 136.8
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 33.290 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion: 93 Resp: 130280
Ion Ratio Lower Upper
93 100
95 34.4 26.3 39.5
123 12.0 9.8 14.6

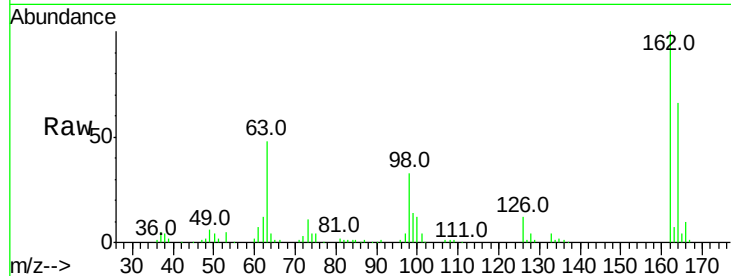




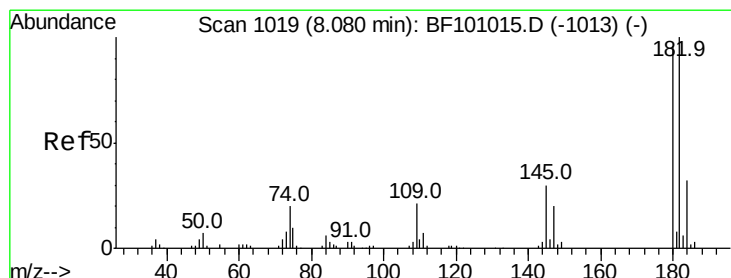
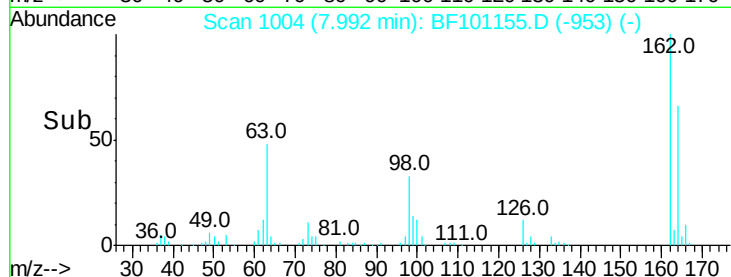
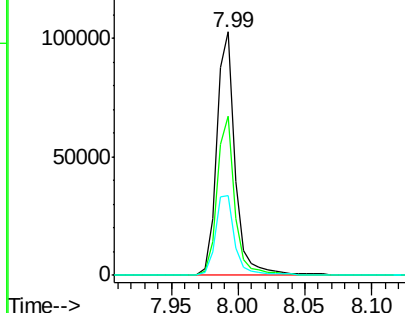
#29
 2,4-Dichlorophenol
 Concen: 34.824 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	32.5	18.1	58.1

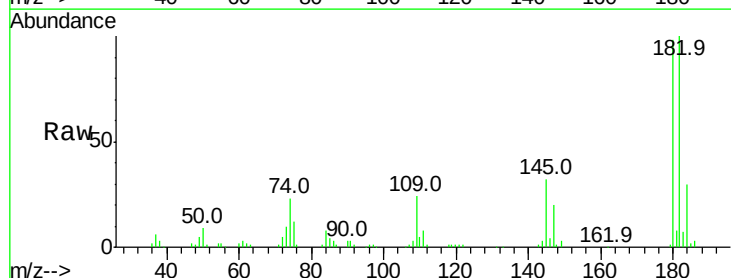


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

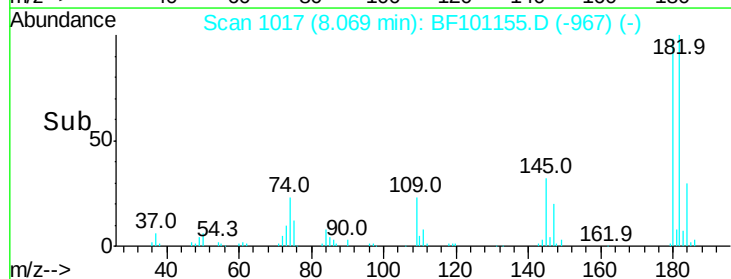
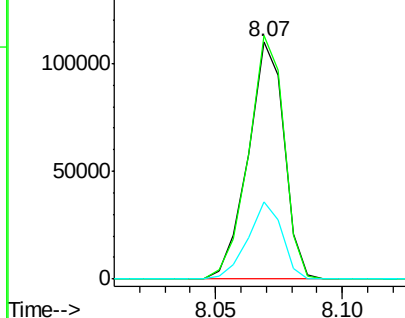


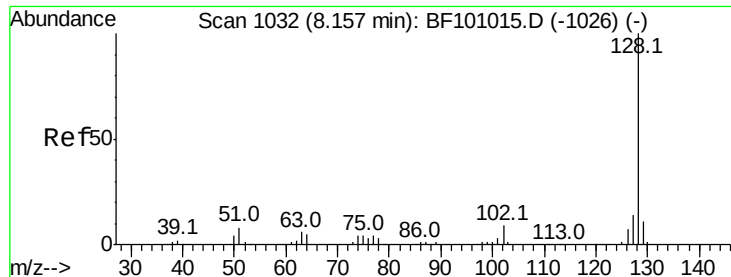
#30
 1,2,4-Trichlorobenzene
 Concen: 34.400 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	76.8	115.2
145	32.5	26.5	39.7



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





#31

Naphthalene

Concen: 33.585 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampled :

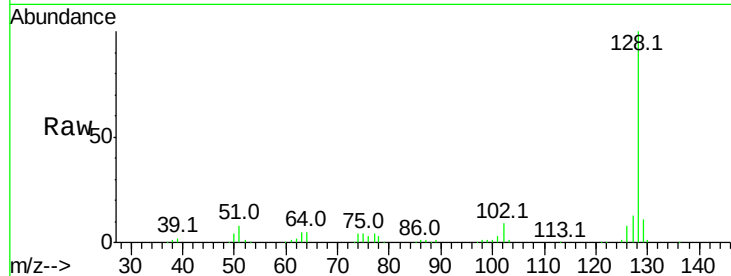
Tot Ion:128 Resp: 336597

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

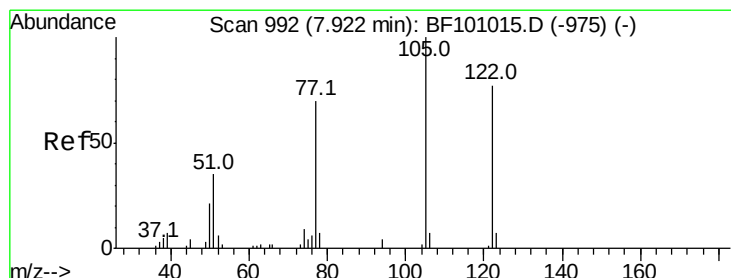
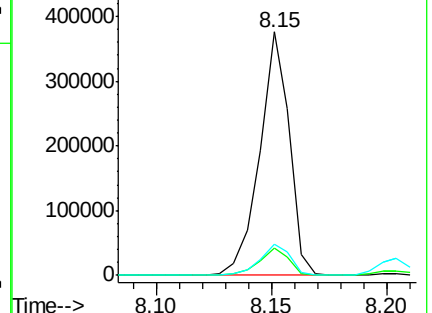
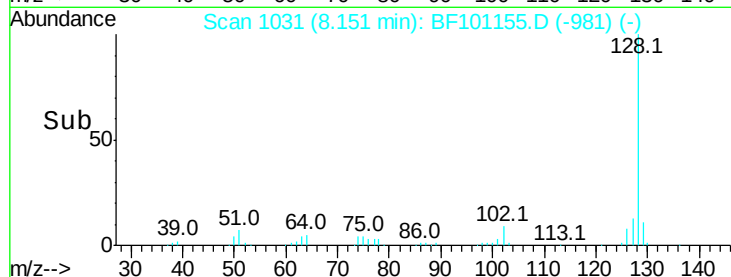
127 13.0 10.9 16.3



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: 4.880 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

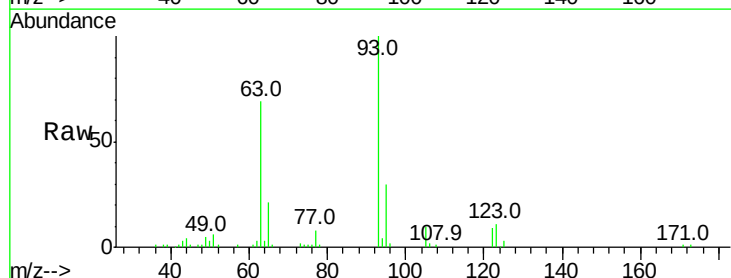
Tgt Ion:122 Resp: 10069

Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

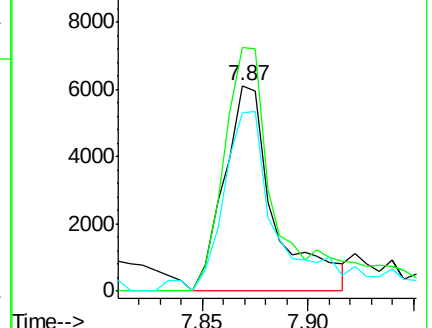
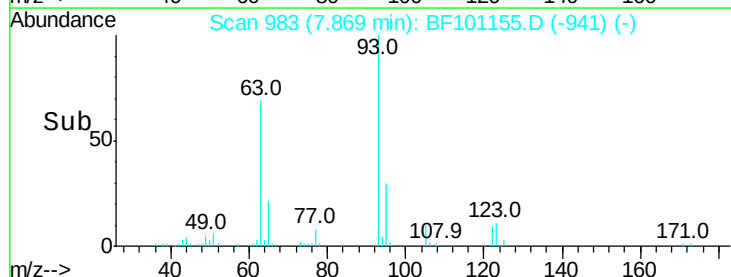
77 86.4 70.7 110.7

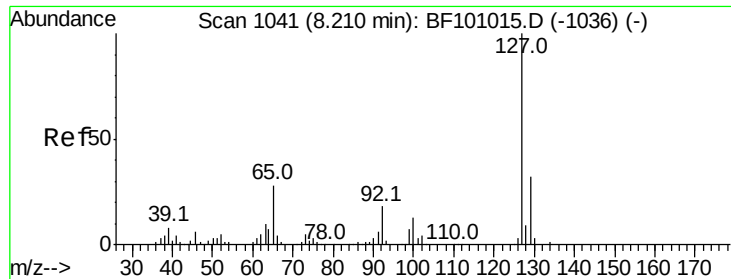


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

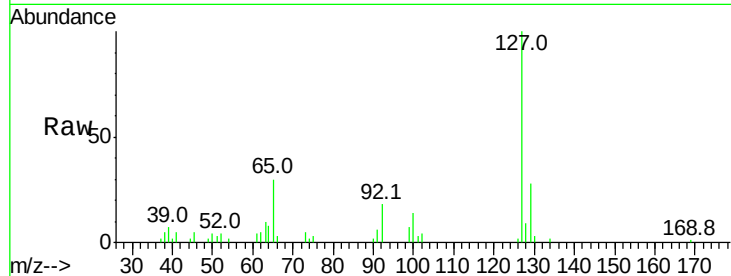




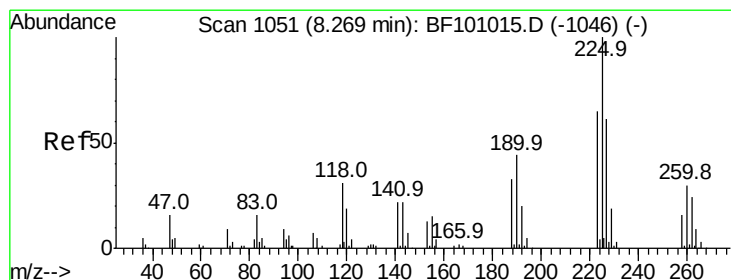
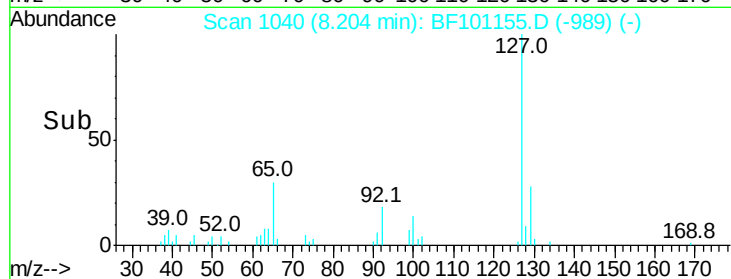
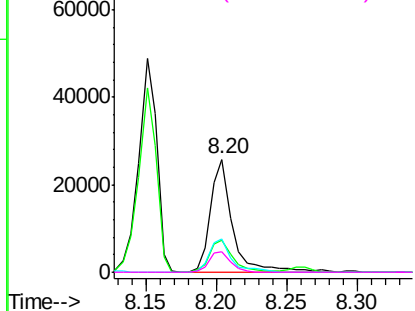
#33
 4-Chloroaniline
 Concen: 7.023 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	28279
Ion	Ratio	Lower	Upper
127	100		
129	28.5	25.9	38.9
65	29.9	25.0	37.4
92	18.0	15.2	22.8

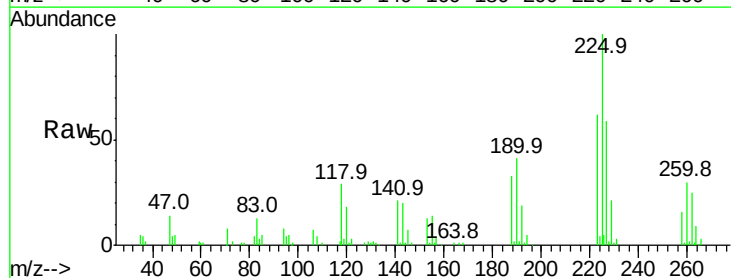


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

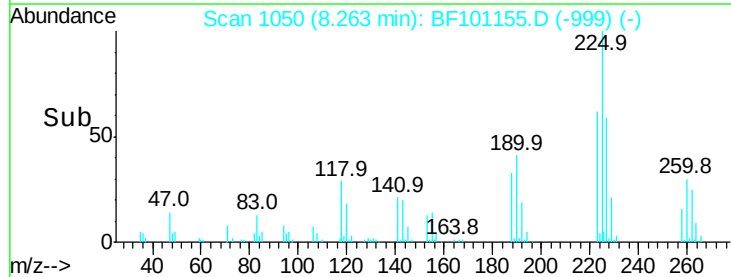
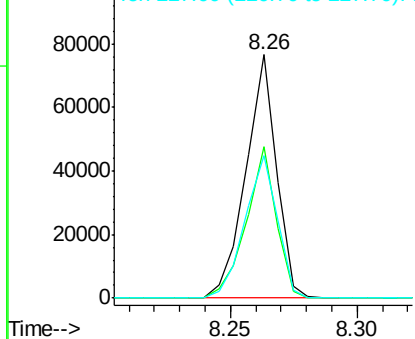


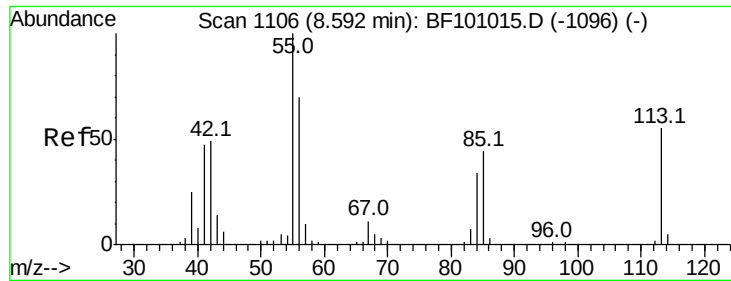
#34
 Hexachlorobutadiene
 Concen: 33.131 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:	225	Resp:	64527
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	58.7	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

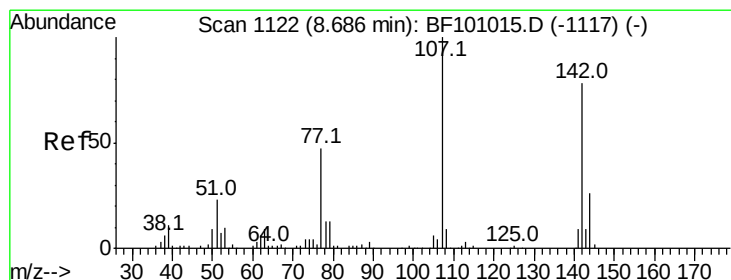
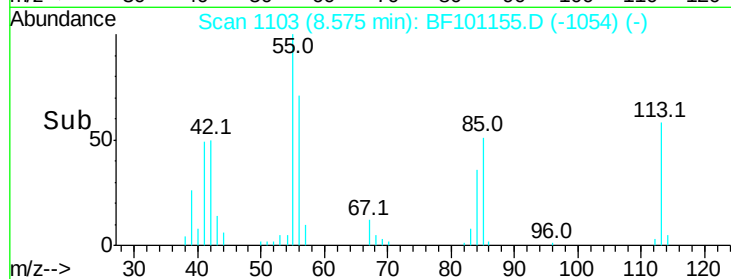
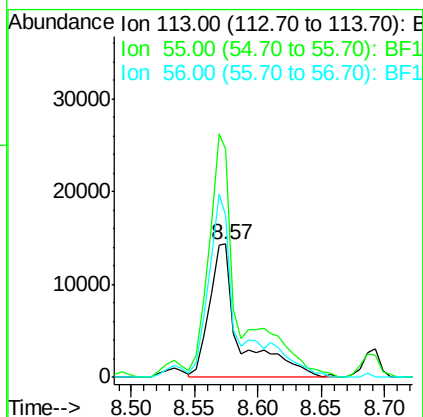
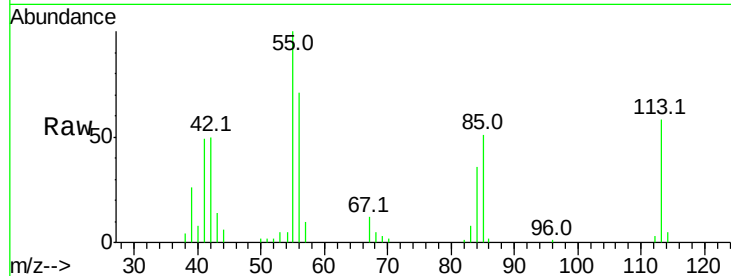




#35
 Caprolactam
 Concen: 27.408 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

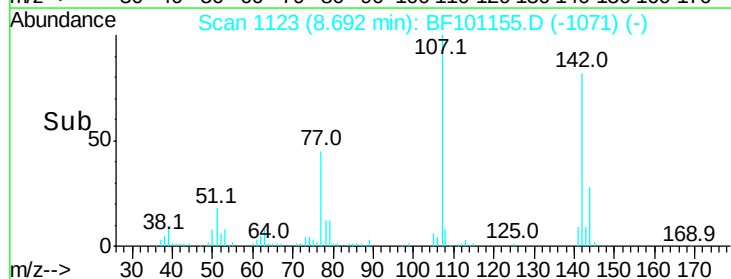
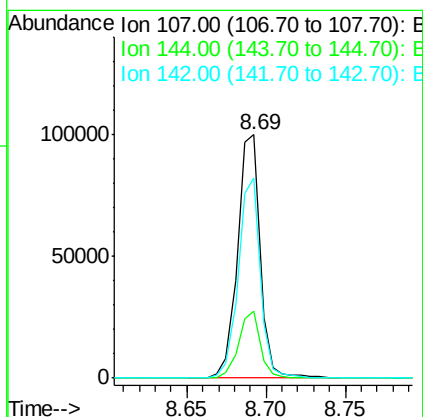
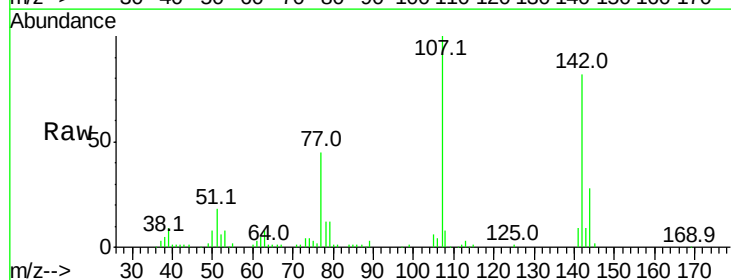
Instrument :
 BNA_F
 ClientSampleId :

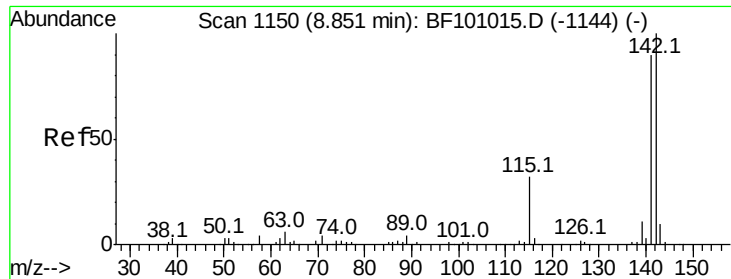
Tot Ion:113 Resp: 24667
 Ion Ratio Lower Upper
 113 100
 55 171.7 163.3 203.3
 56 121.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.235 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:107 Resp: 99421
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.5 30.7
 142 82.2 62.0 93.0

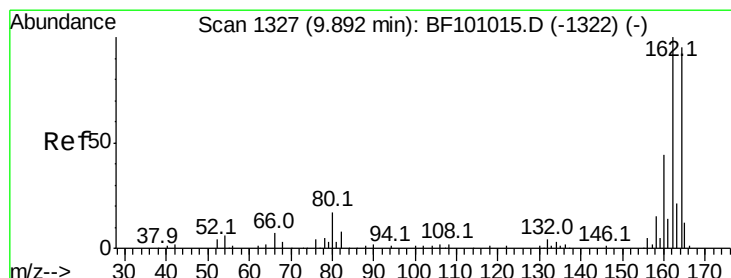
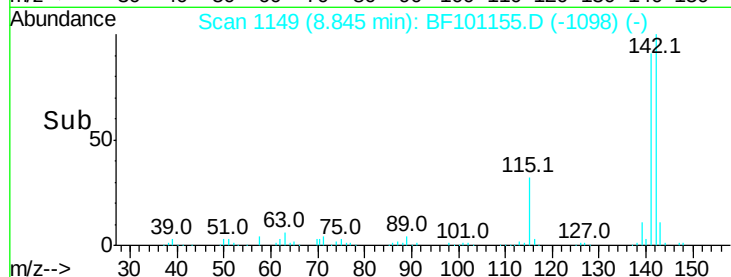
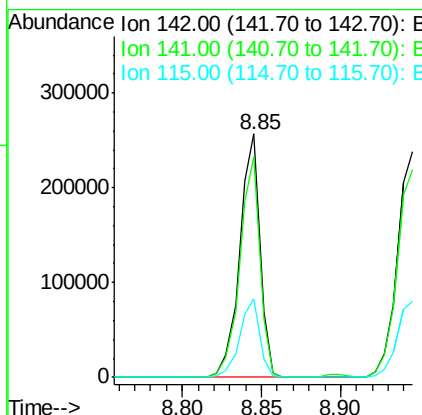
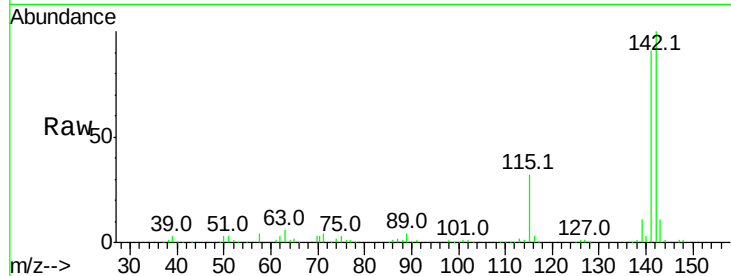




#37
2-Methylnaphthalene
Concen: 33.581 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

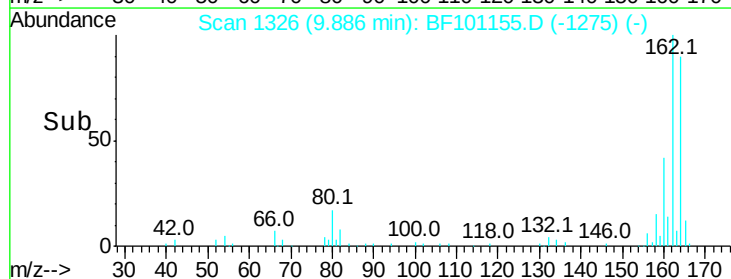
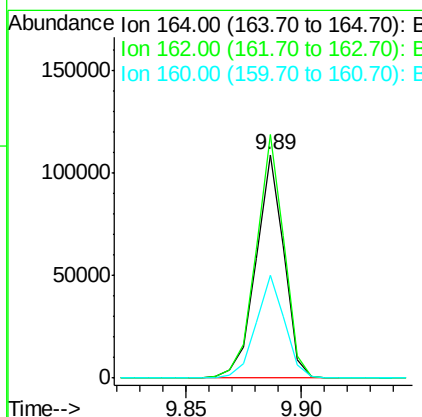
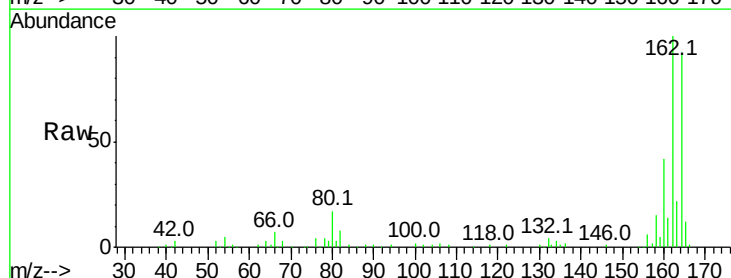
Instrument :
BNA_F
ClientSampleId :

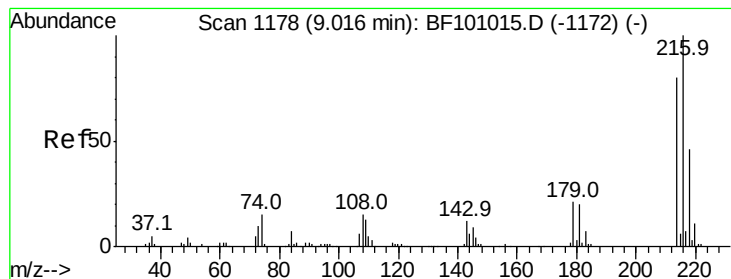
Tot Ion:142 Resp: 228684
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2
115 32.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:164 Resp: 92257
Ion Ratio Lower Upper
164 100
162 109.1 86.1 129.1
160 46.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.130 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF101155.D

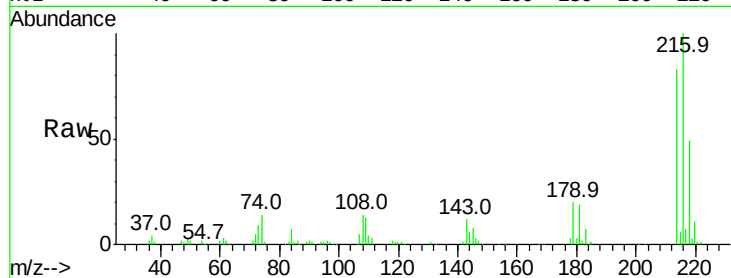
Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	104333
Ion Ratio	Lower	Upper	
216	100		
214	80.9	63.0	94.4
179	20.3	18.1	27.1
108	15.2	17.2	25.8#

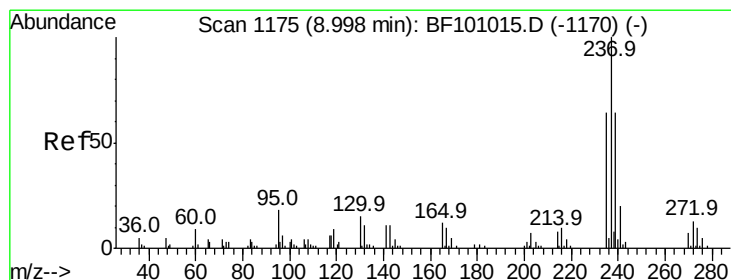
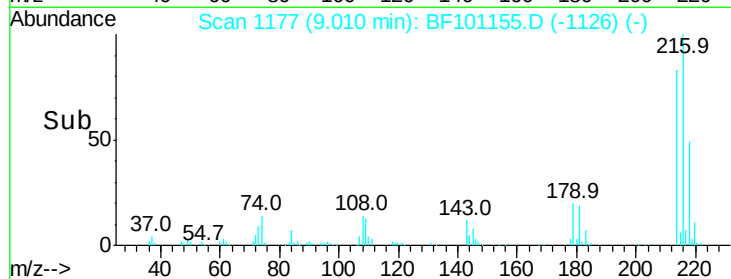
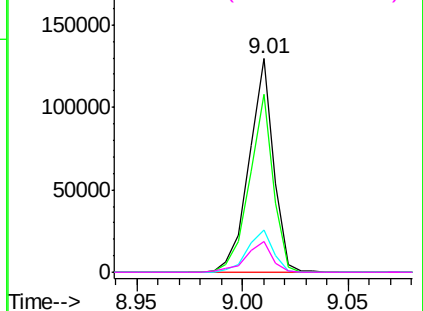


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.031 ng

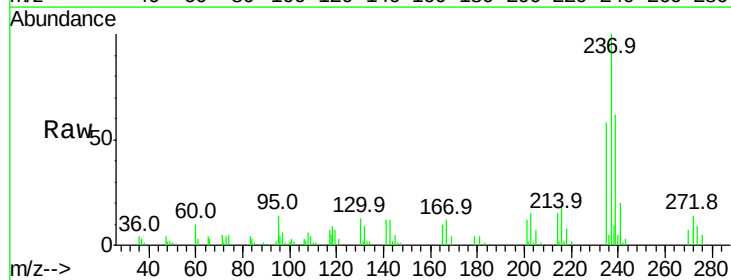
RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

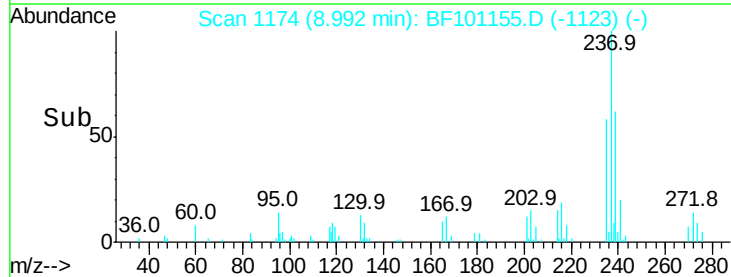
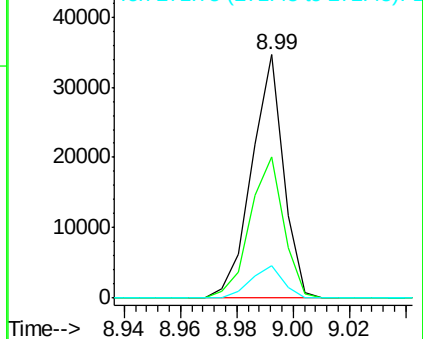
Tgt Ion:	237	Resp:	27019
Ion Ratio	Lower	Upper	
237	100		
235	58.1	44.8	84.8
272	13.5	0.0	33.3

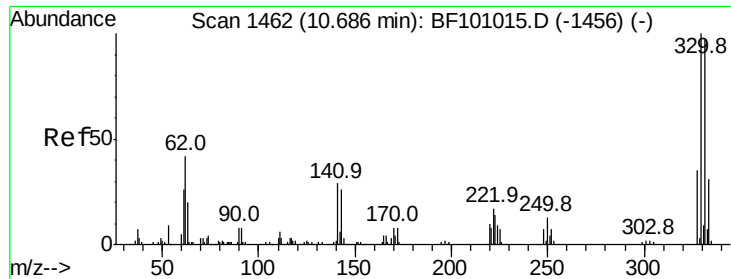


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

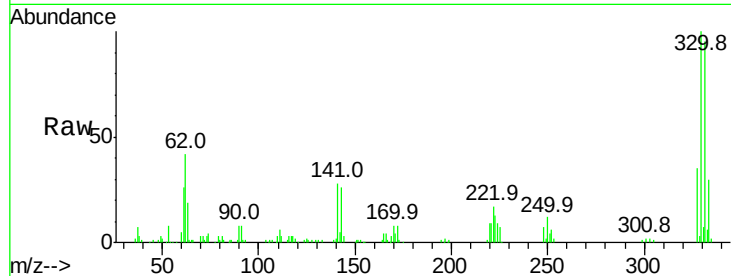




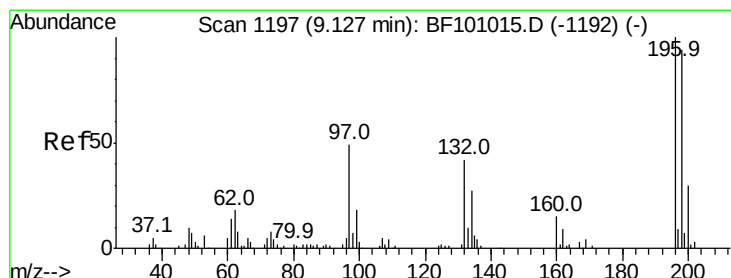
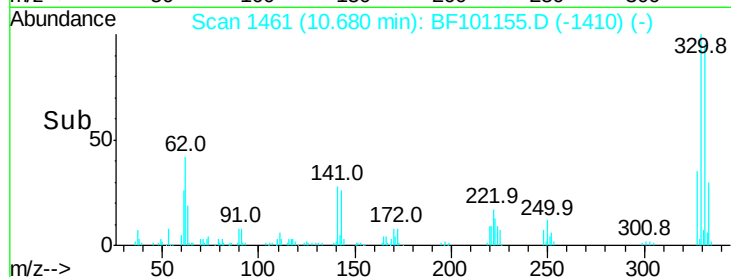
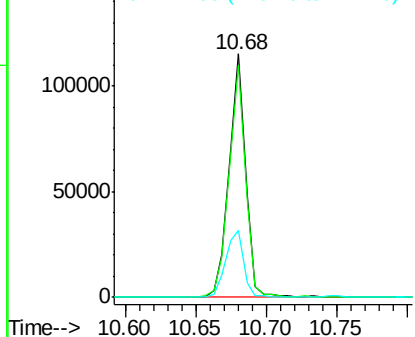
#41
 2,4,6-Tribromophenol
 Concen: 85.445 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94696
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 29.7 29.9 44.9#

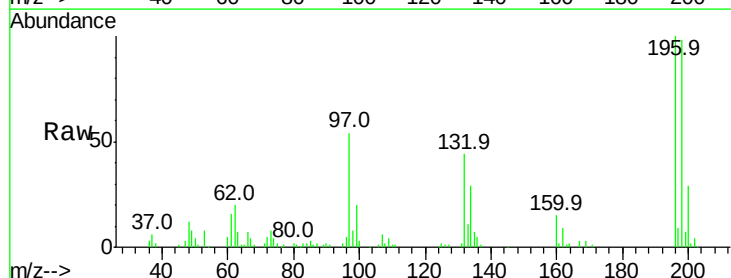


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

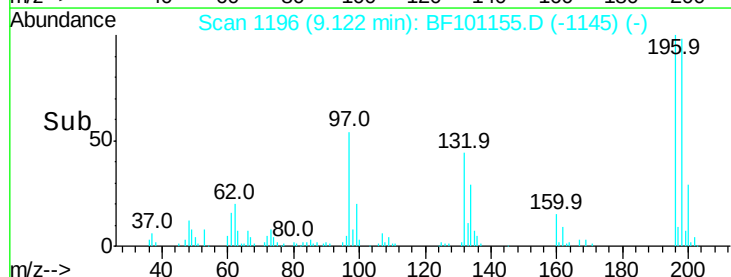
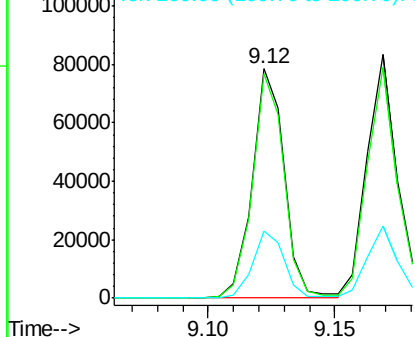


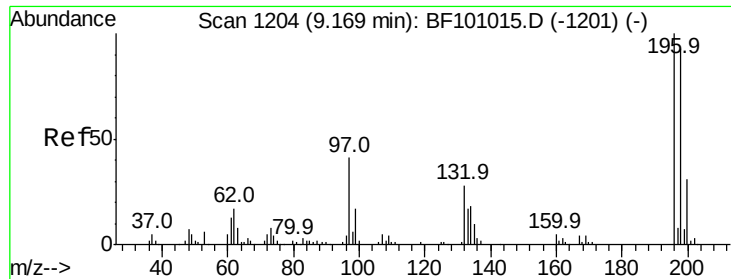
#42
 2,4,6-Trichlorophenol
 Concen: 35.215 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:196 Resp: 69186
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.7 113.5
 200 29.2 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

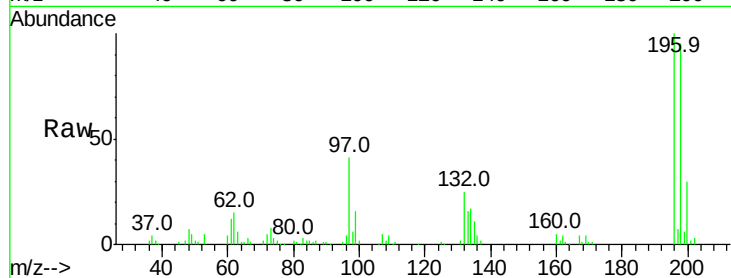




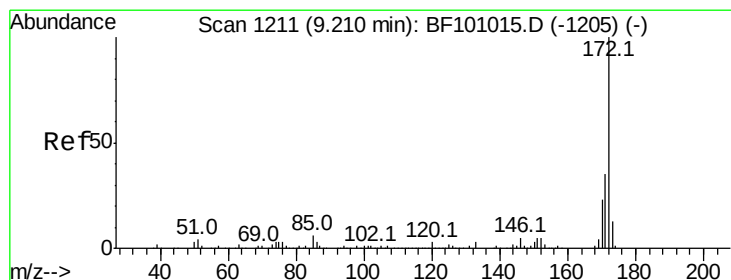
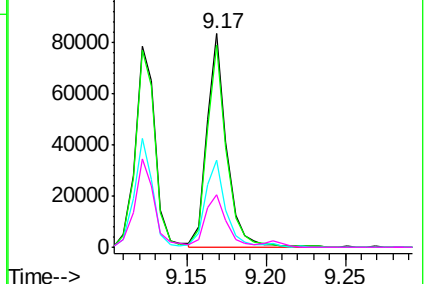
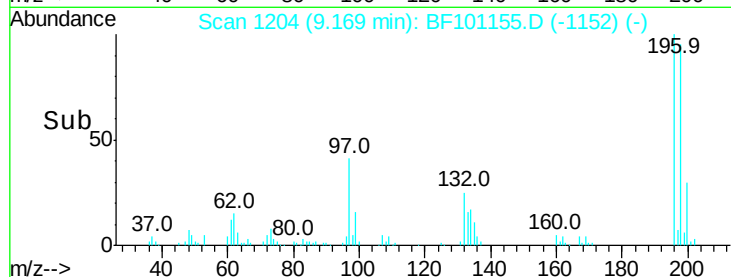
#43
 2,4,5-Trichlorophenol
 Concen: 34.693 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 72870
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 40.6 42.9 64.3#
 132 24.8 26.3 39.5#

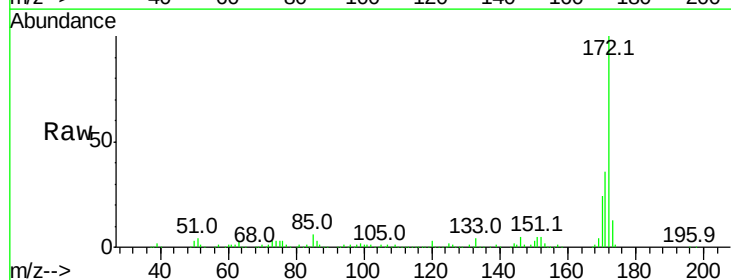


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

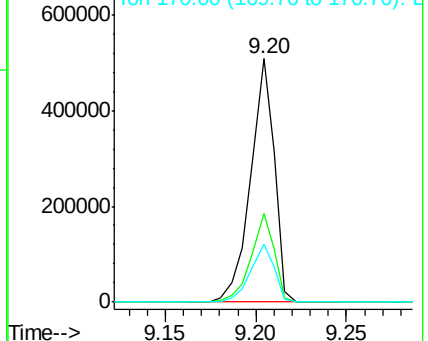
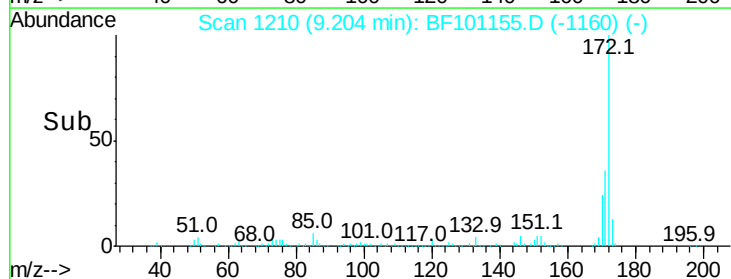


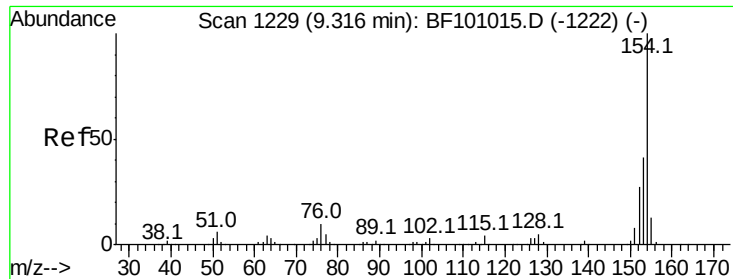
#44
 2-Fluorobiphenyl
 Concen: 68.267 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:172 Resp: 460322
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 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

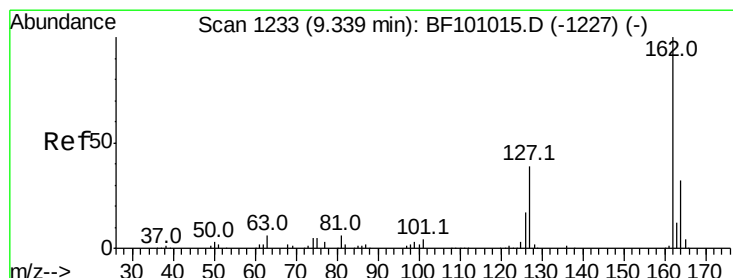
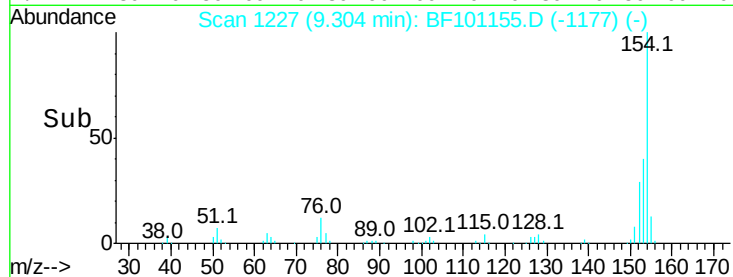
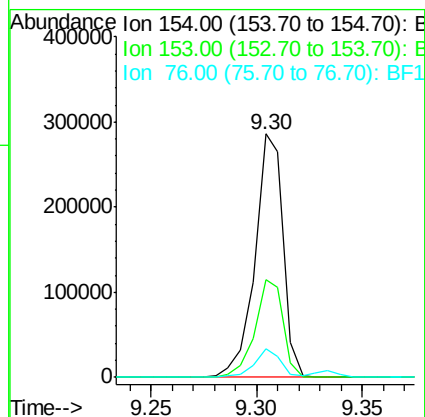
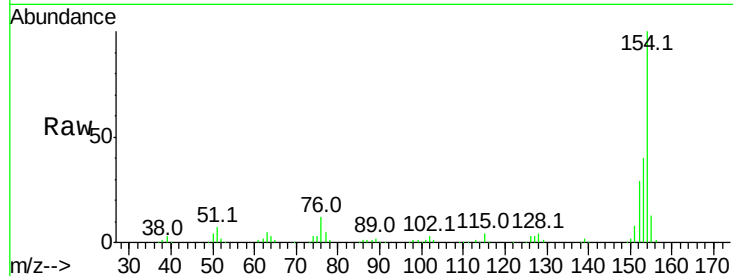




#45
 1,1'-Biphenyl
 Concen: 31.372 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

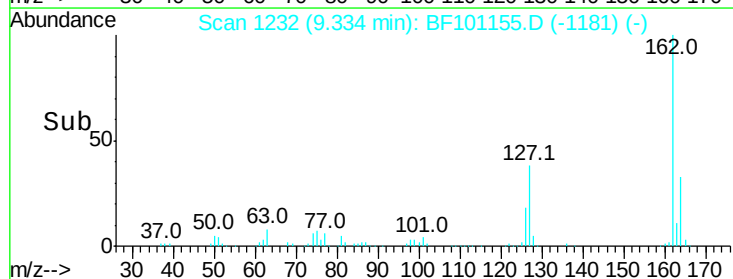
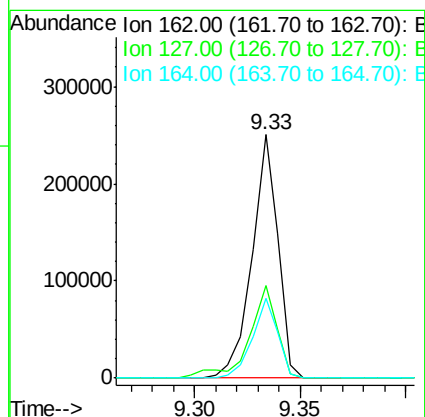
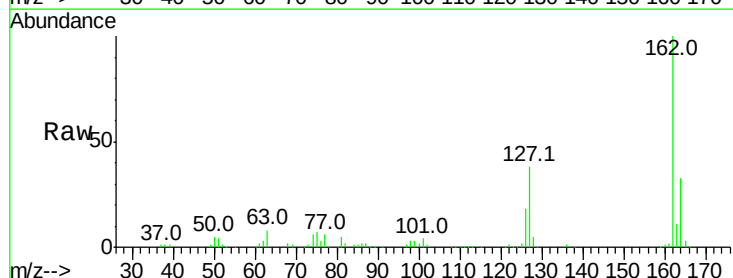
Instrument :
 BNA_F
 ClientSampleId :

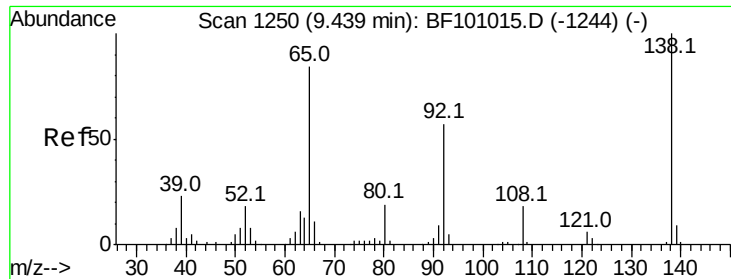
Tot Ion:	154	Resp:	265177
Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	11.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 35.633 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:	162	Resp:	213898
Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.9	50.9
164	32.7	26.5	39.7

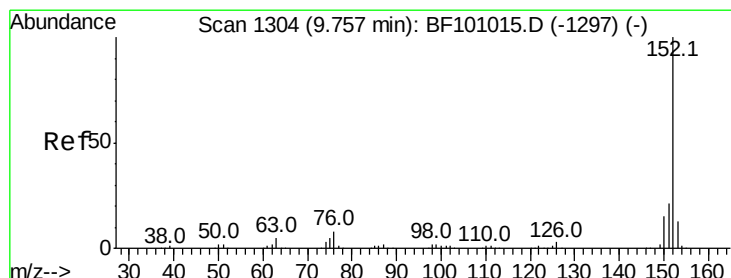
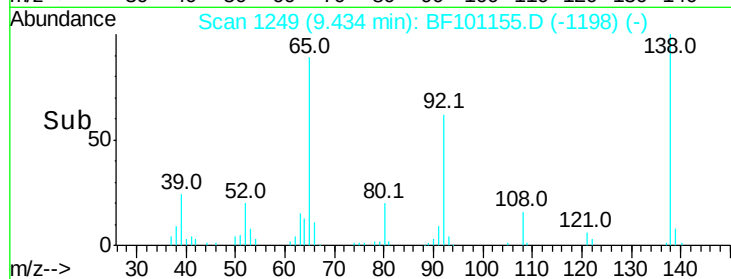
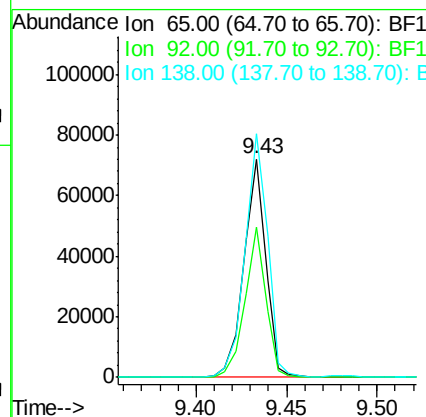
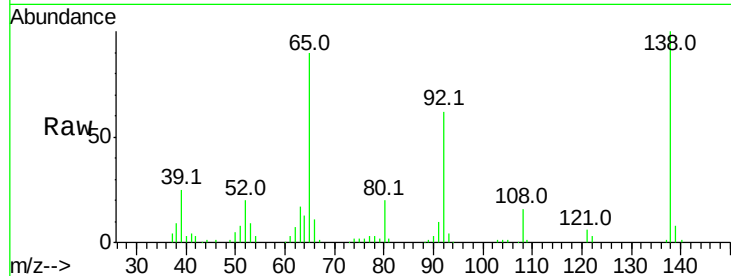




#47
 2-Nitroaniline
 Concen: 34.136 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

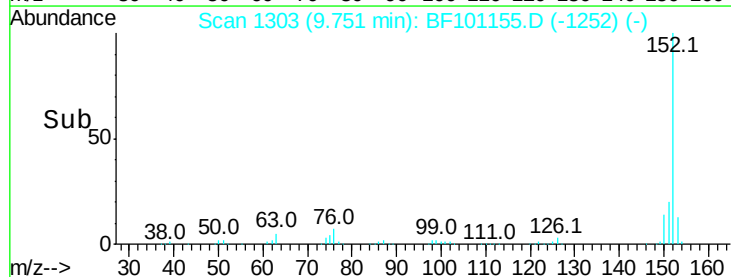
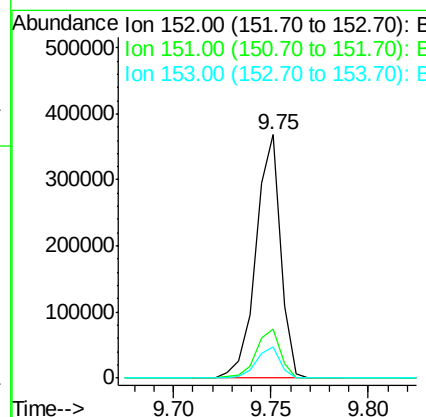
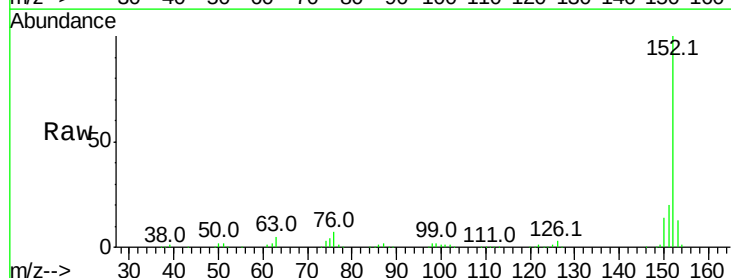
Instrument :
 BNA_F
 ClientSampled :

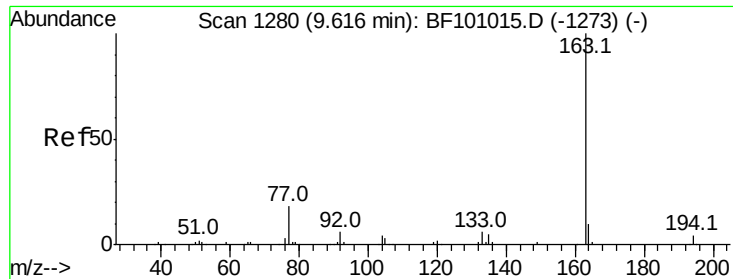
Tot Ion: 65 Resp: 60627
 Ion Ratio Lower Upper
 65 100
 92 68.7 55.8 83.6
 138 111.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 32.602 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:152 Resp: 321621
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 12.9 10.7 16.1

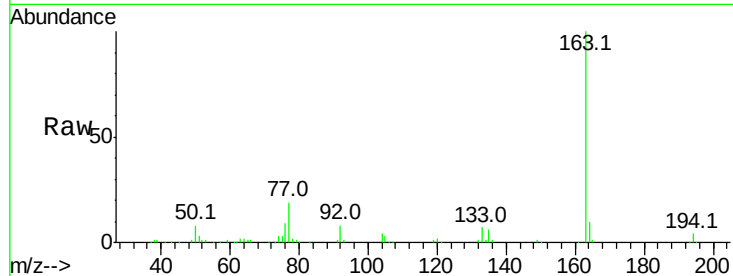




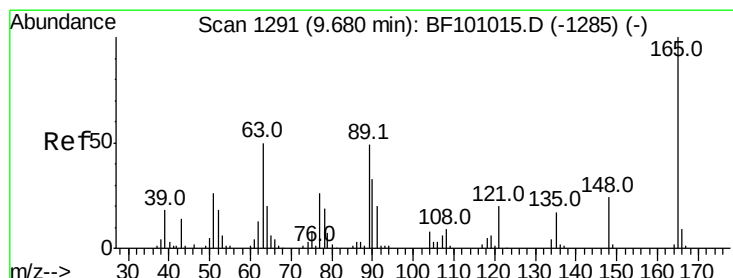
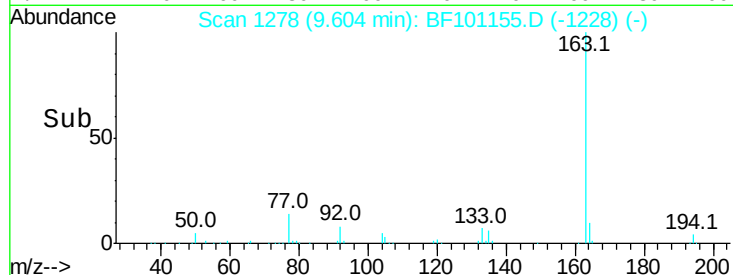
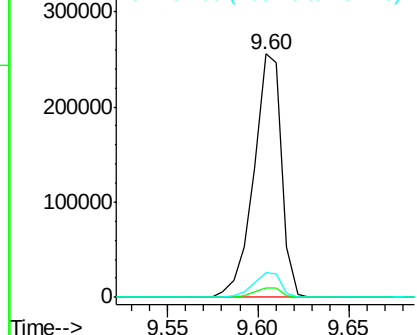
#49
Dimethylphthalate
Concen: 36.581 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 272175
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

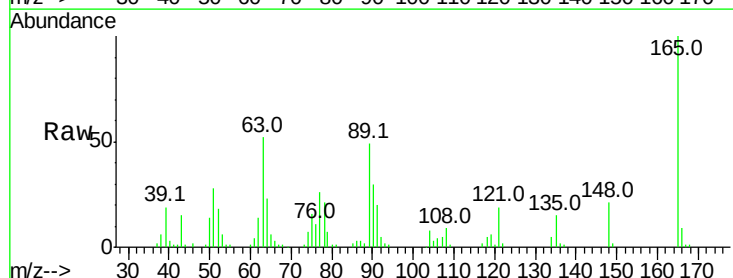


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

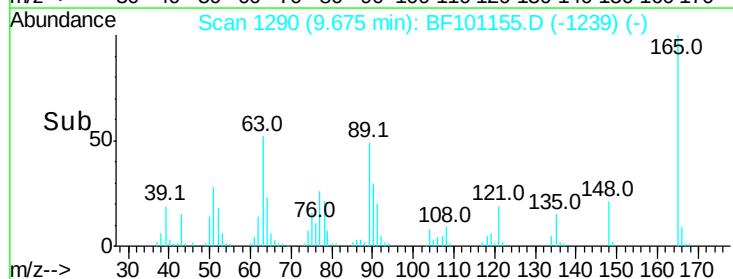
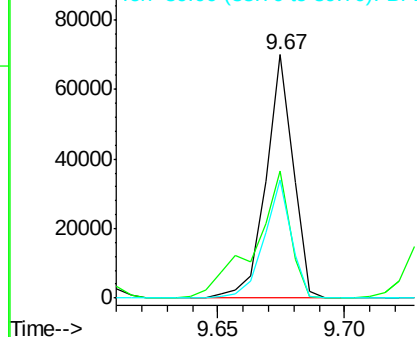


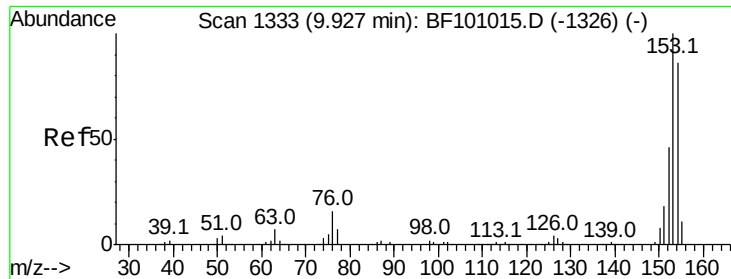
#50
2,6-Dinitrotoluene
Concen: 33.517 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:165 Resp: 52524
Ion Ratio Lower Upper
165 100
63 52.1 44.7 67.1
89 48.6 44.0 66.0



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

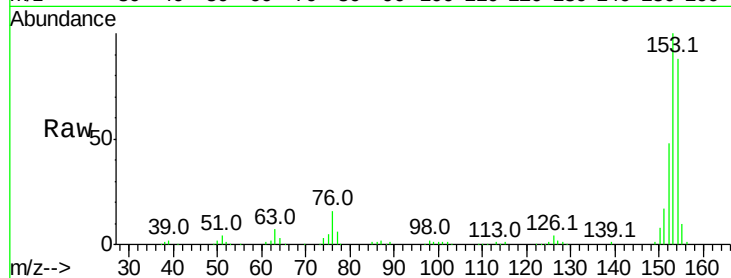




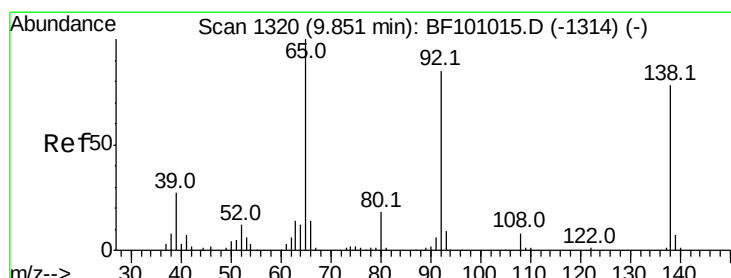
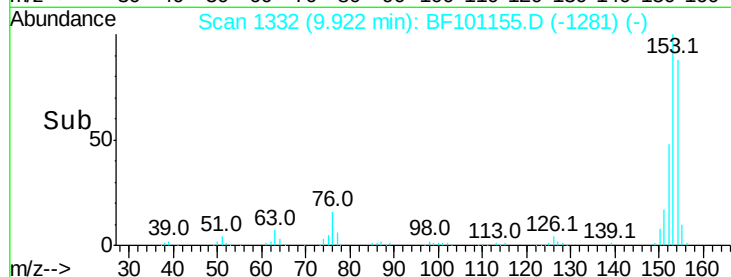
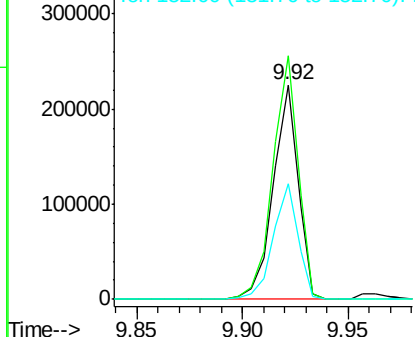
#51
Acenaphthene
Concen: 31.473 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 185918
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.0 43.8 65.8

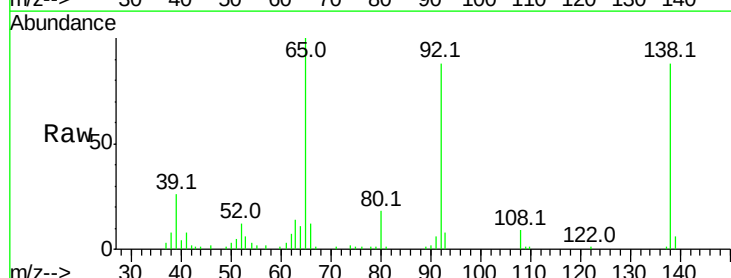


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

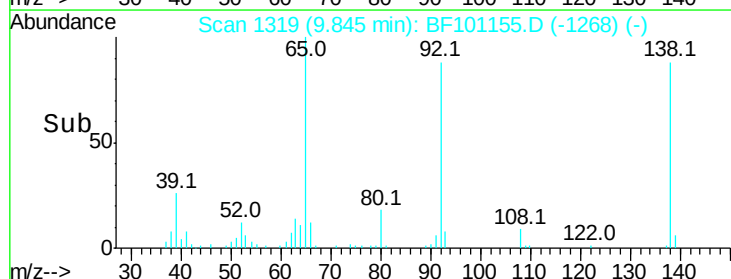
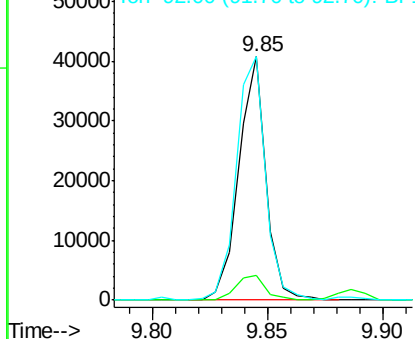


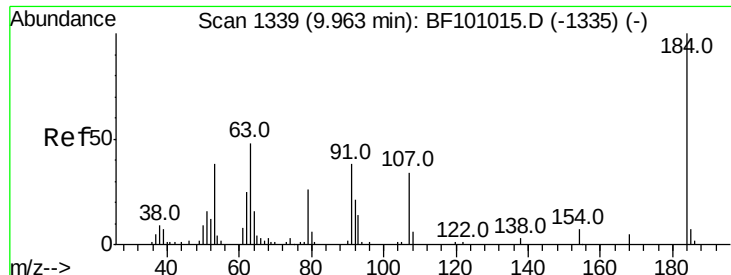
#52
3-Nitroaniline
Concen: 18.873 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:138 Resp: 33260
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 100.1 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

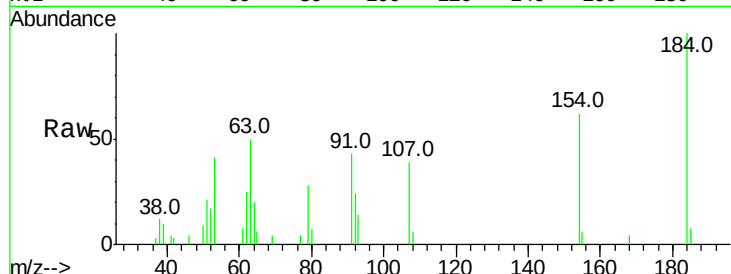




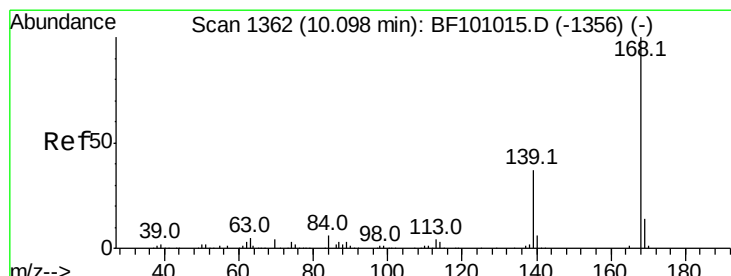
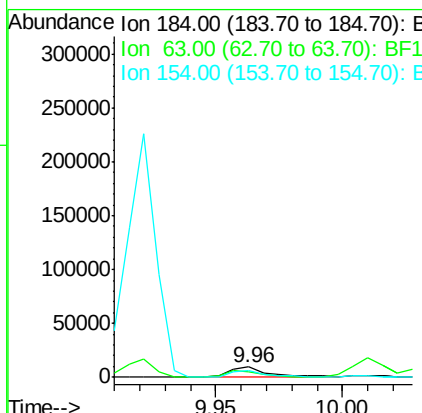
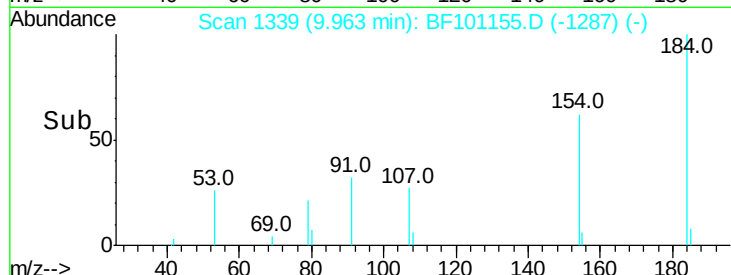
#53
 2,4-Dinitrophenol
 Concen: 17.494 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 10863
 Ion Ratio Lower Upper
 184 100
 63 49.6 54.2 81.2#
 154 62.0 184.0 276.0#

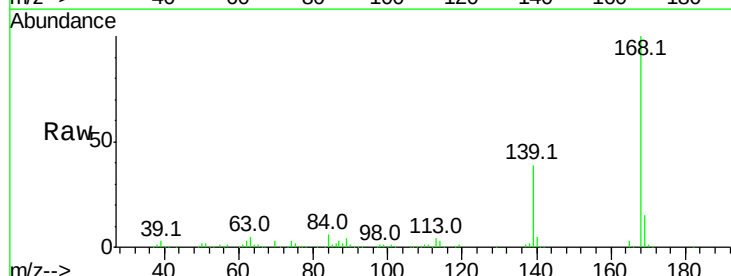


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

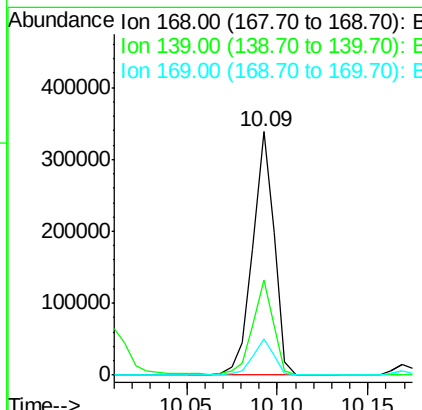
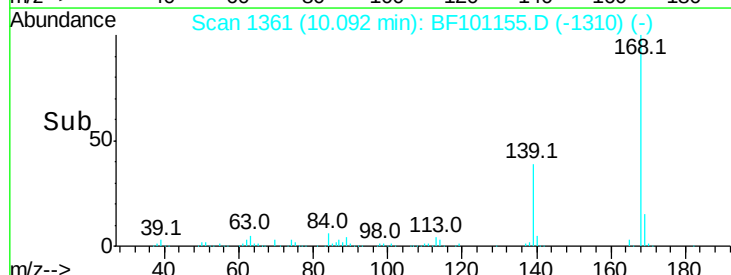


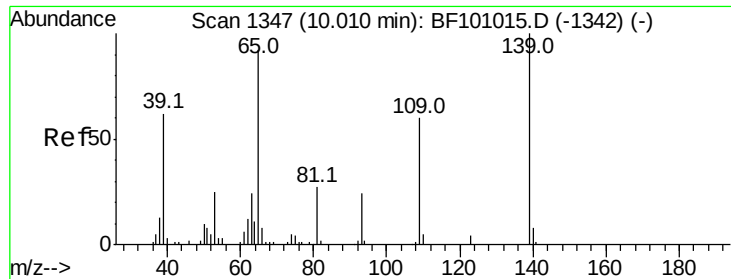
#54
 Dibenzofuran
 Concen: 32.740 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:168 Resp: 278707
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 14.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 53.653 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

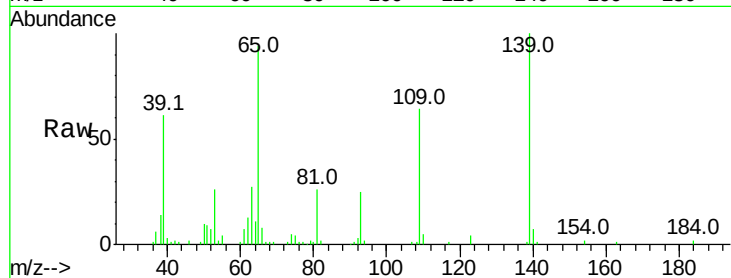
ClientSampleId :

Tot Ion:139 Resp: 63767

Ion	Ratio	Lower	Upper
139	100		
109	64.4	48.4	88.4
65	93.6	72.6	112.6

109 64.4 48.4 88.4

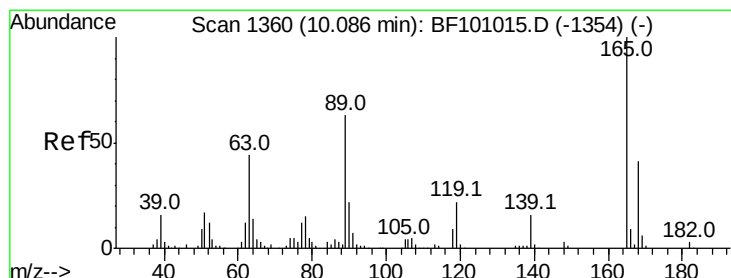
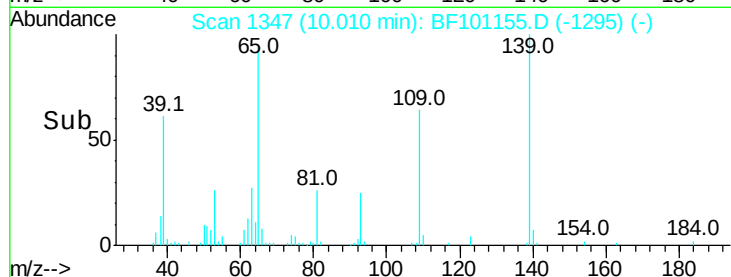
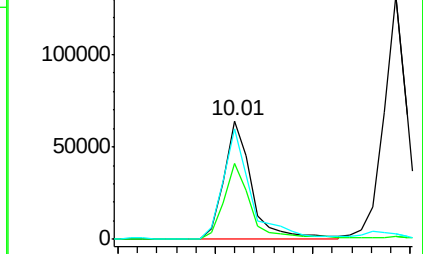
65 93.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 31.795 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:165 Resp: 66775

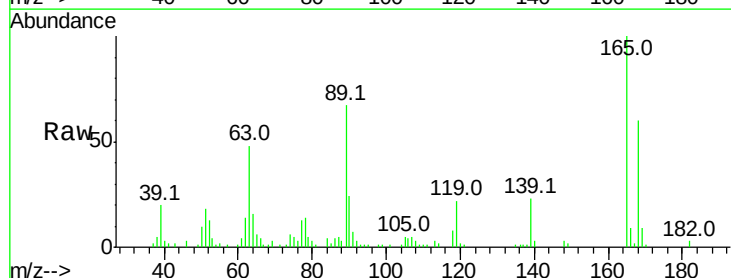
Ion	Ratio	Lower	Upper
165	100		
63	48.4	36.4	54.6
89	67.0	57.8	86.6
182	2.6	1.6	2.4

165 100

63 48.4 36.4 54.6

89 67.0 57.8 86.6

182 2.6 1.6 2.4#

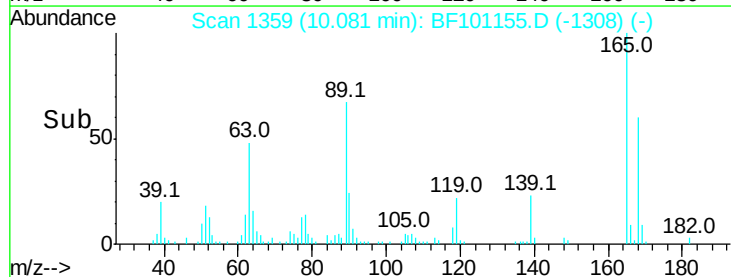
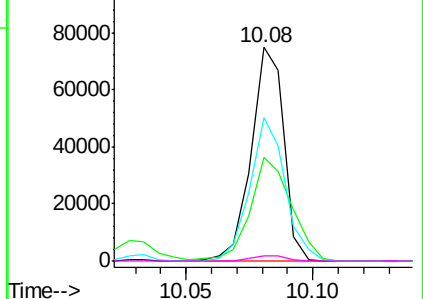


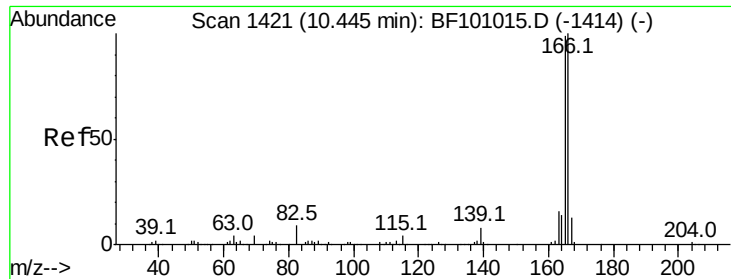
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

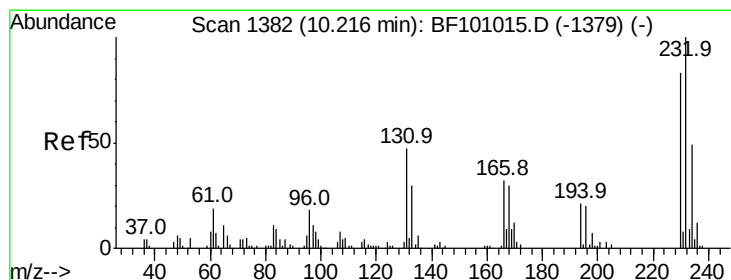
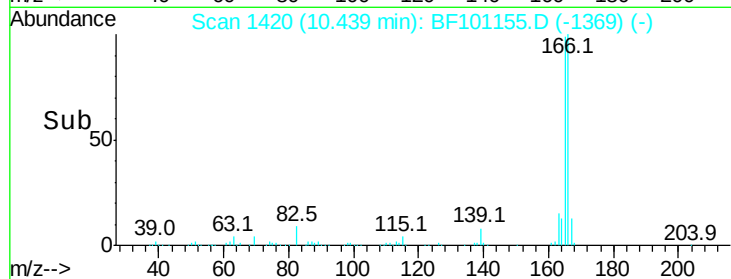
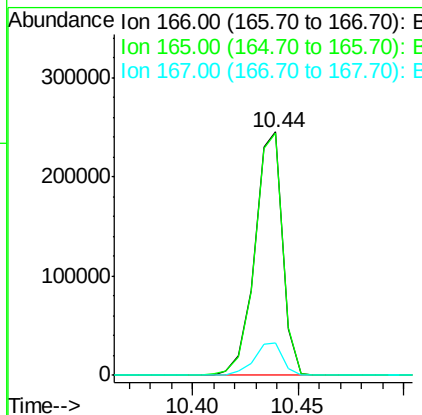
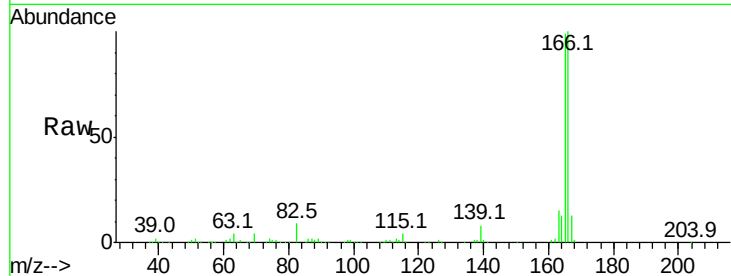




#57
 Fluorene
 Concen: 32.377 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

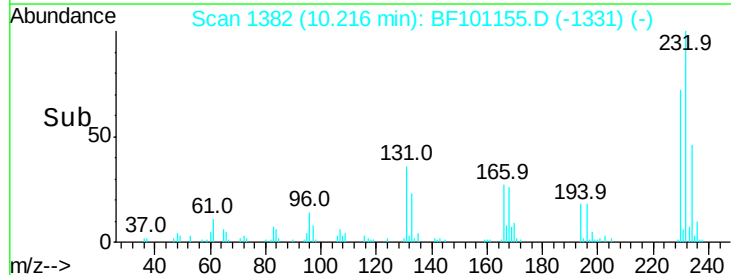
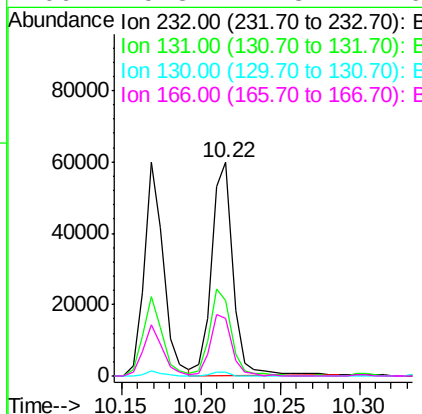
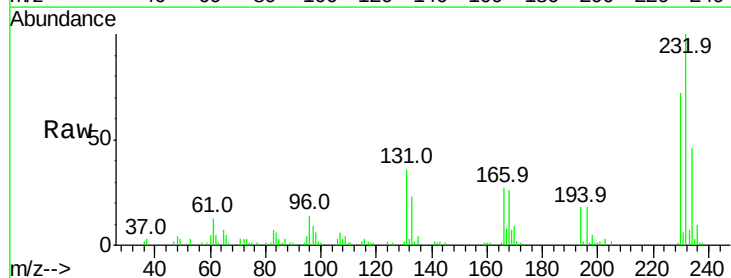
Instrument :
 BNA_F
 ClientSampleId :

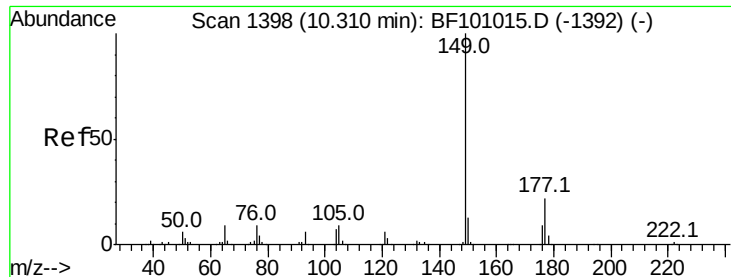
Tot Ion:166 Resp: 224054
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.433 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:232 Resp: 56226
 Ion Ratio Lower Upper
 232 100
 131 41.8 43.8 65.8#
 130 1.7 2.1 3.1#
 166 29.3 27.8 41.6

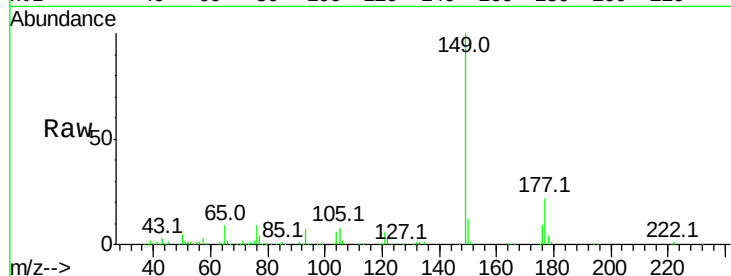




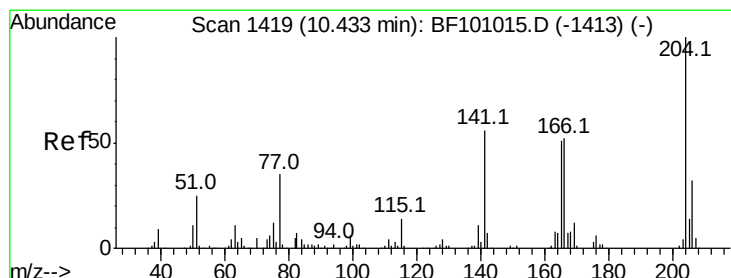
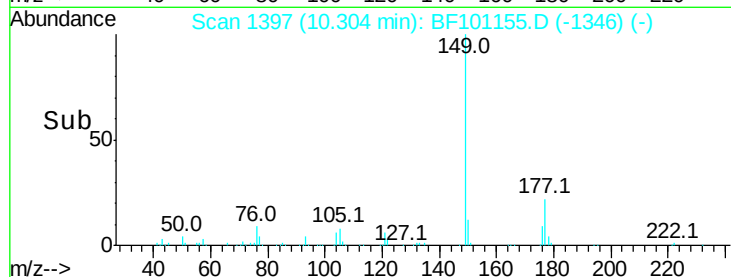
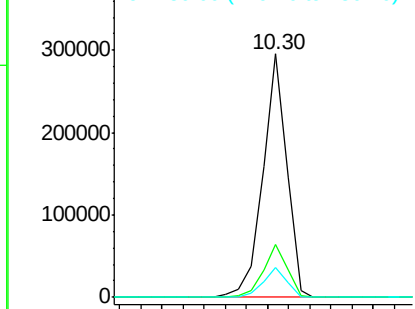
#59
Diethylphthalate
Concen: 31.835 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.3	10.1	15.1

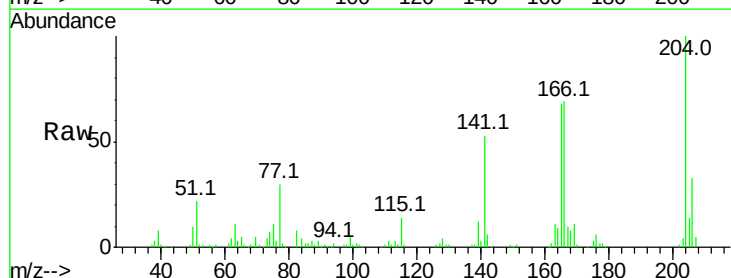


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

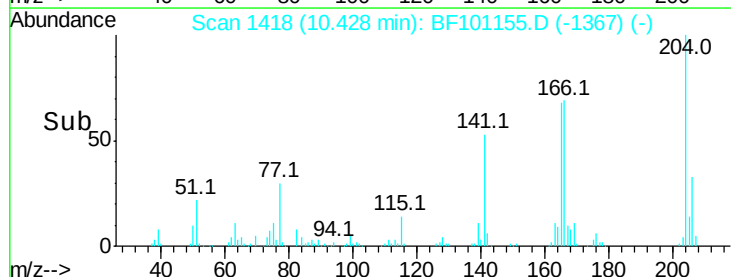
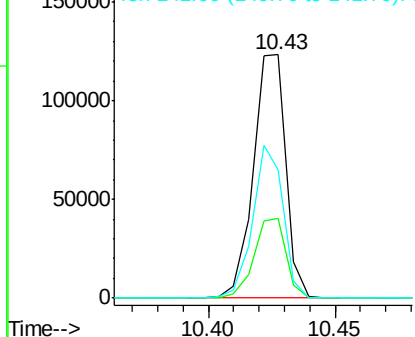


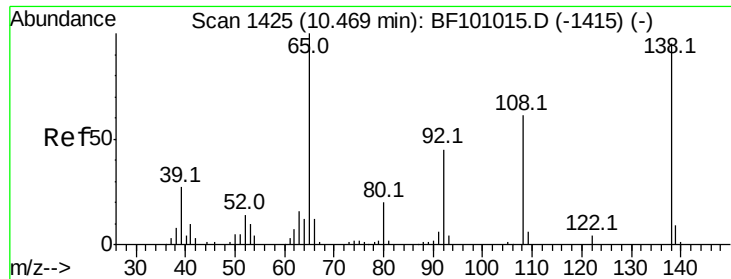
#60
4-Chlorophenyl-phenylether
Concen: 32.205 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	53.0	54.6	81.8#



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

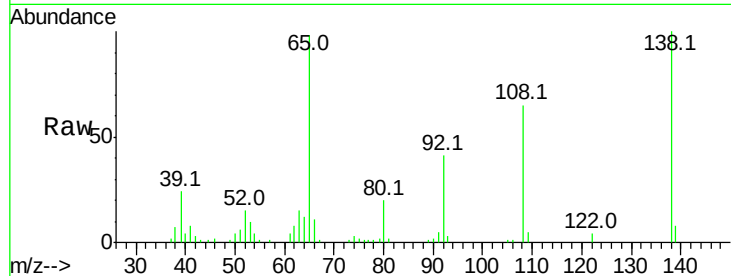




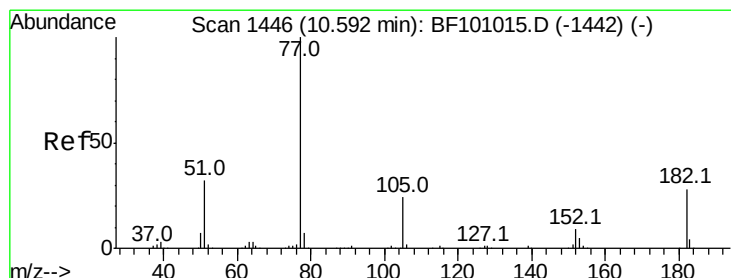
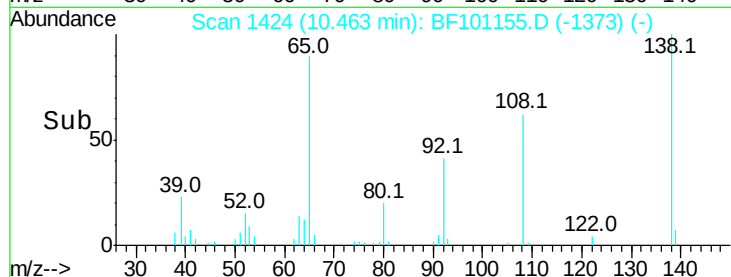
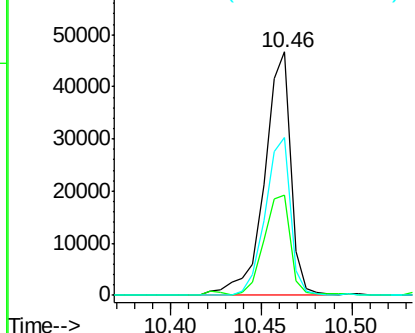
#61
4-Nitroaniline
Concen: 25.904 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 47387
Ion Ratio Lower Upper
138 100
92 41.1 30.2 70.2
108 64.9 52.5 92.5

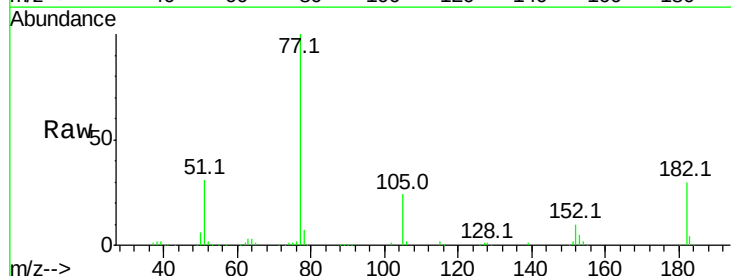


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

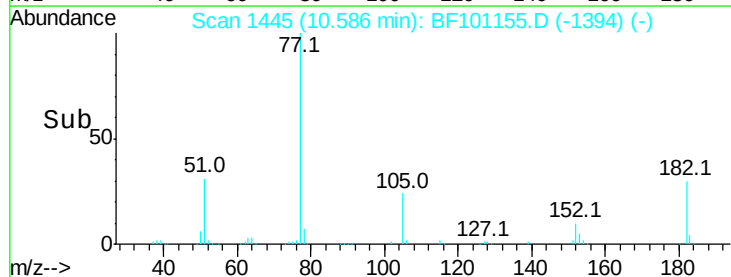
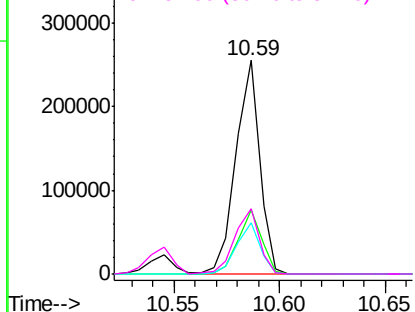


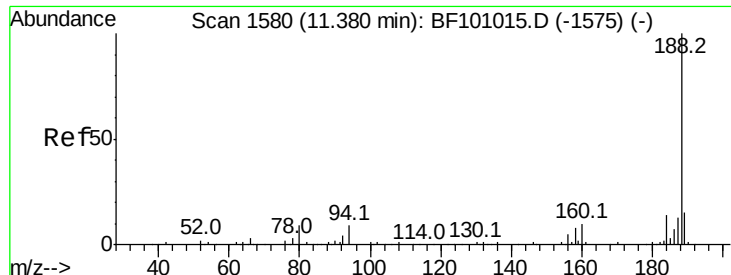
#62
Azobenzene
Concen: 31.981 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion: 77 Resp: 199175
Ion Ratio Lower Upper
77 100
182 29.8 1.7 41.7
105 24.1 3.0 43.0
51 30.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

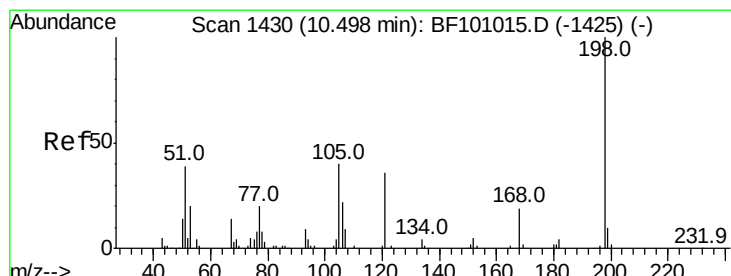
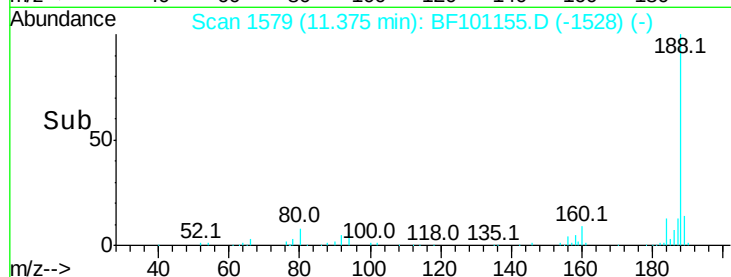
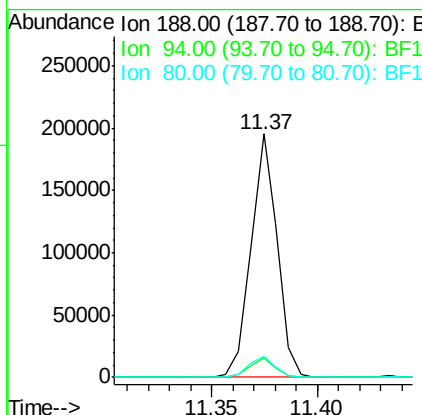
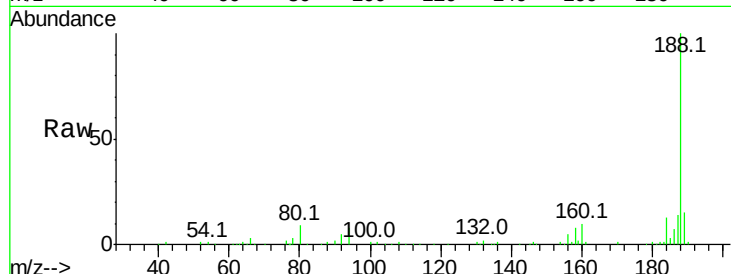




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

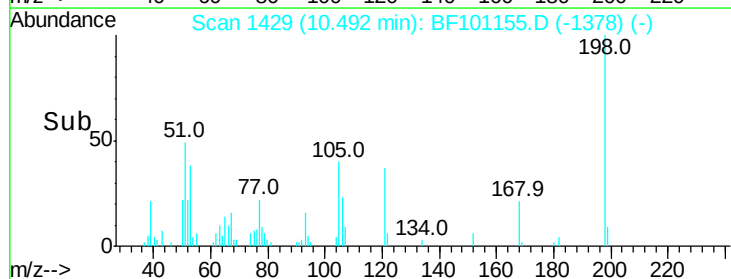
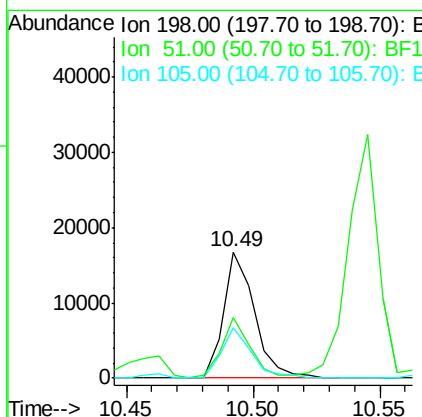
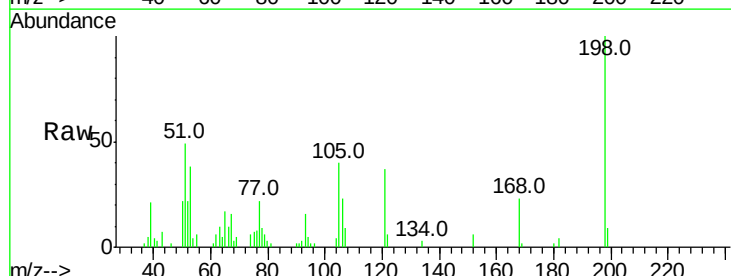
Instrument :
 BNA_F
 ClientSampled :

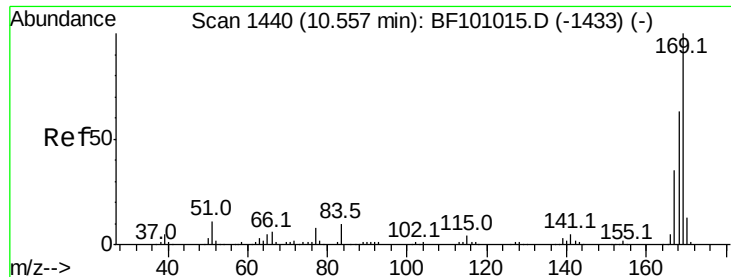
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.6	9.2	13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.614 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.6	37.7	77.7
105	40.5	36.3	76.3

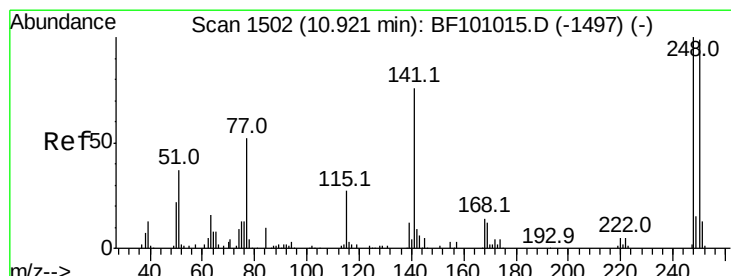
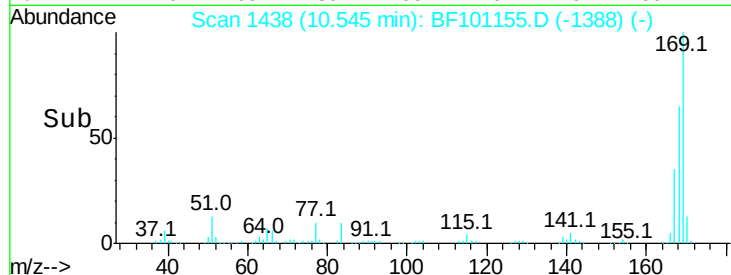
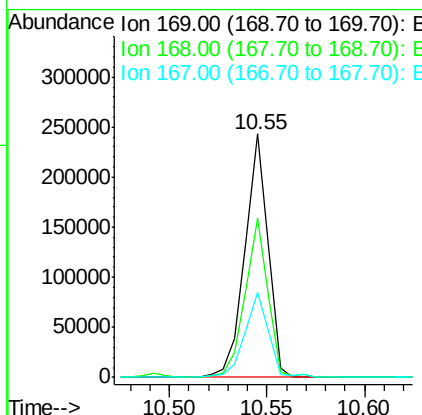
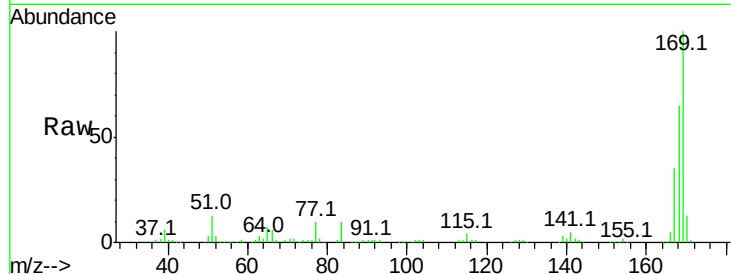




#65
 n-Nitrosodiphenylamine
 Concen: 33.776 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

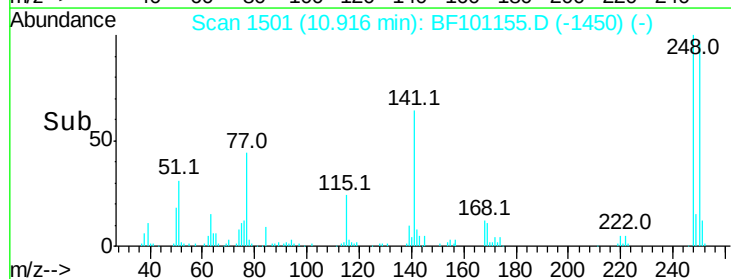
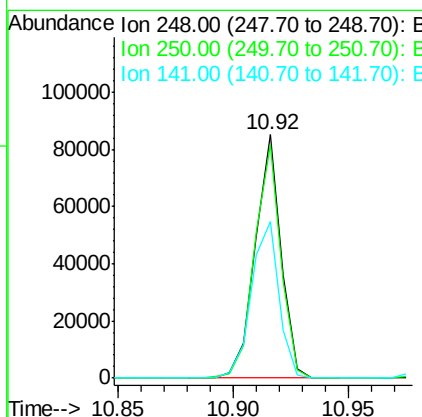
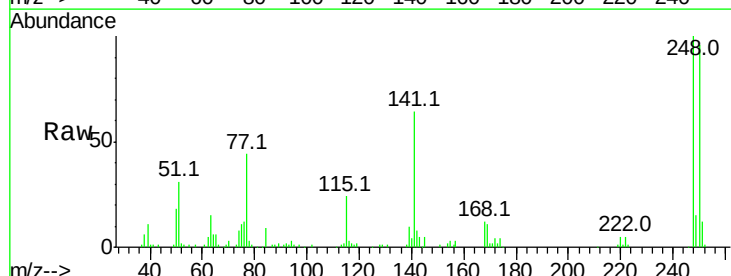
Instrument :
 BNA_F
 ClientSampleId :

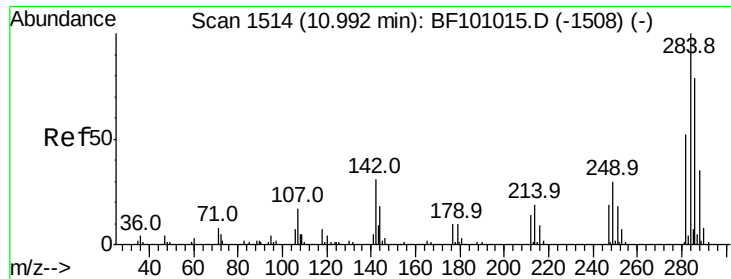
Tot Ion:169 Resp: 199932
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.4 81.6
 167 34.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.484 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:248 Resp: 66641
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 64.1 74.4 111.6#





#67

Hexachlorobenzene

Concen: 33.287 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampled :

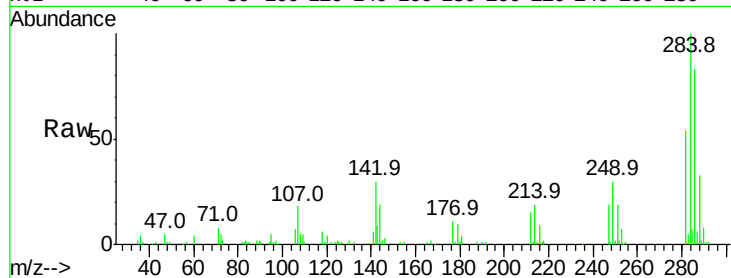
Tot Ion:284 Resp: 67000

Ion Ratio Lower Upper

284 100

142 30.1 34.6 52.0#

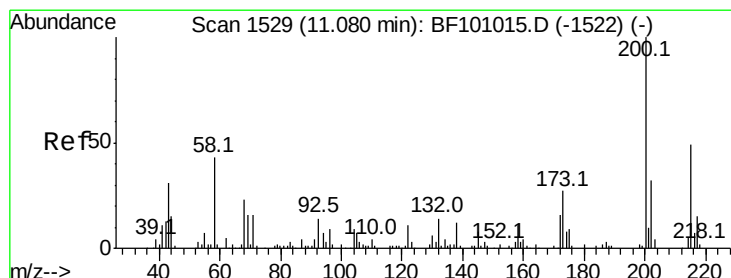
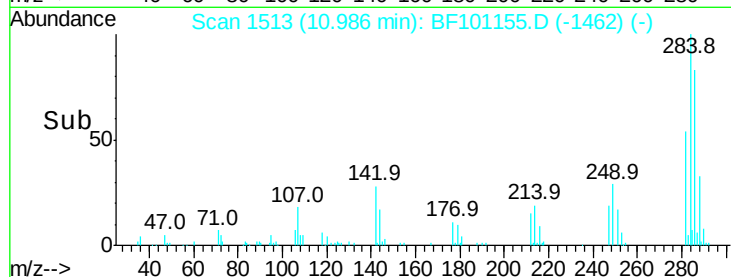
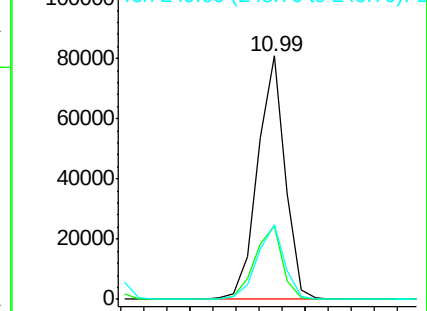
249 30.4 24.8 37.2



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: 35.568 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

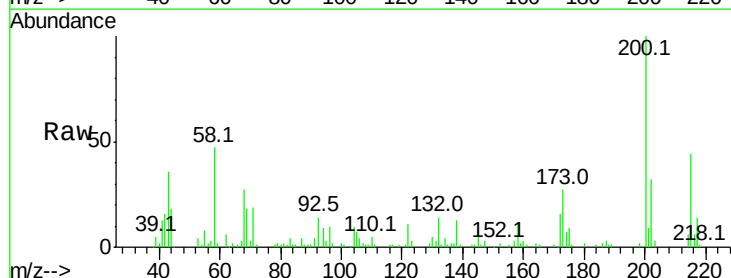
Tgt Ion:200 Resp: 64582

Ion Ratio Lower Upper

200 100

173 26.6 8.6 48.6

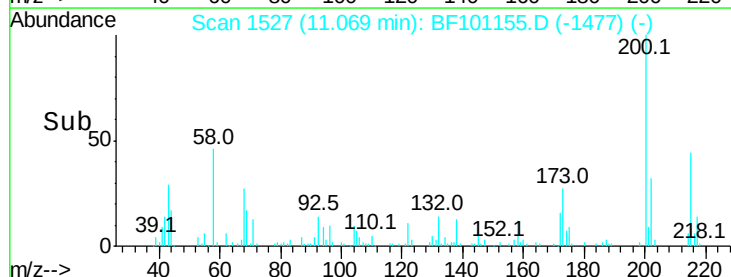
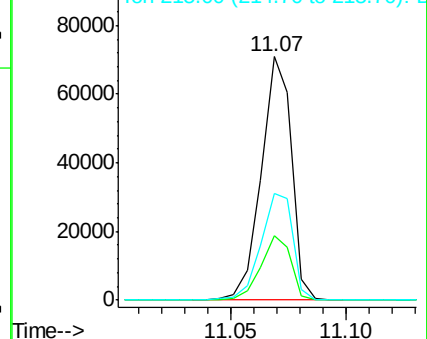
215 43.6 25.1 65.1

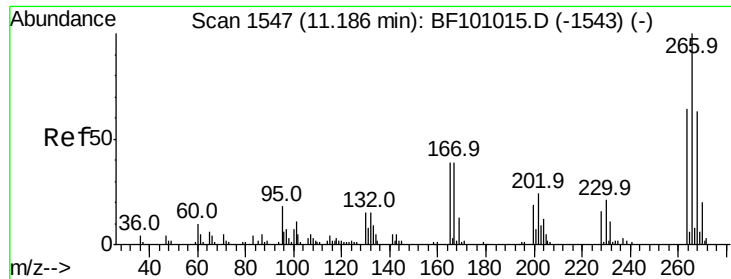


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

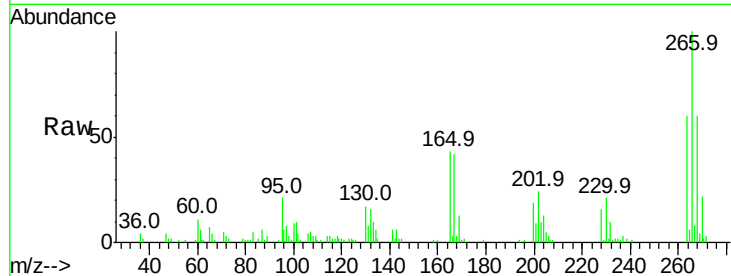




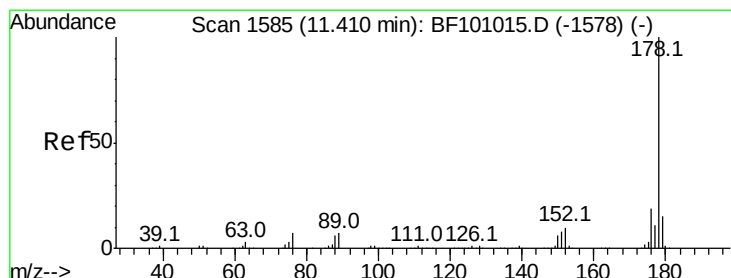
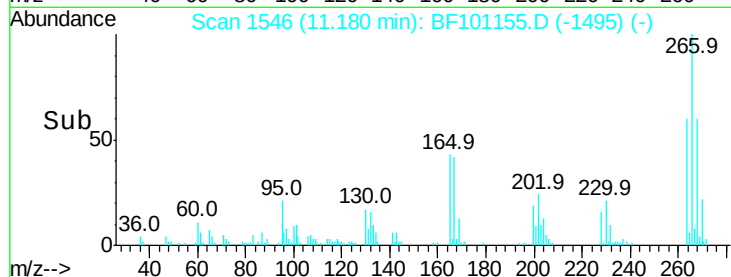
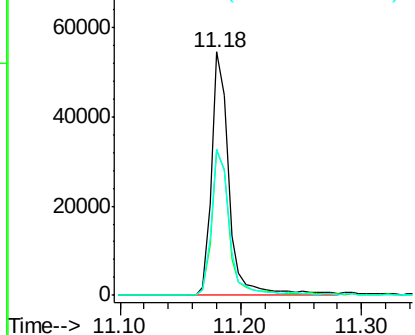
#69
 Pentachlorophenol
 Concen: 49.438 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54715
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.1 76.7
 264 60.2 49.5 74.3

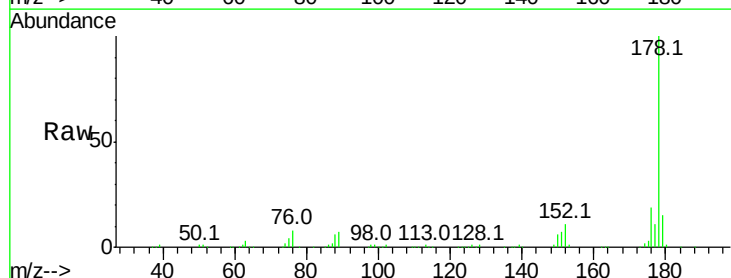


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

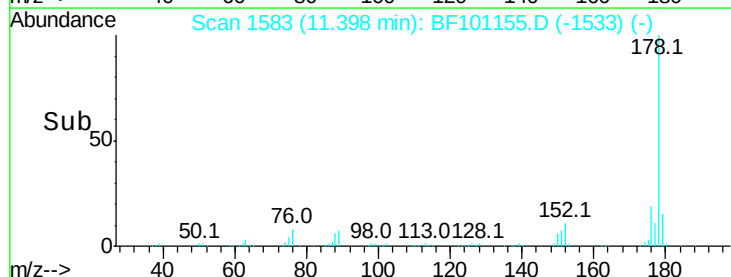
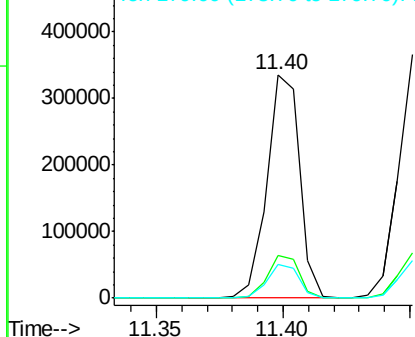


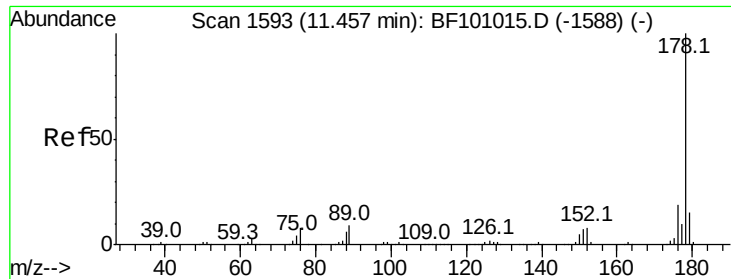
#70
 Phenanthrene
 Concen: 33.002 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:178 Resp: 304937
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 14.9 13.0 19.6



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

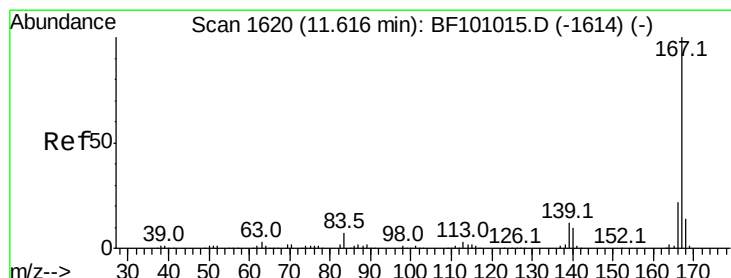
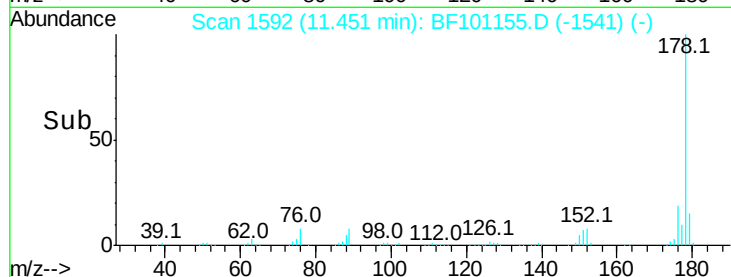
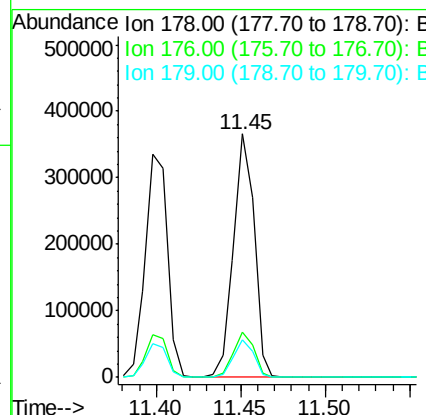
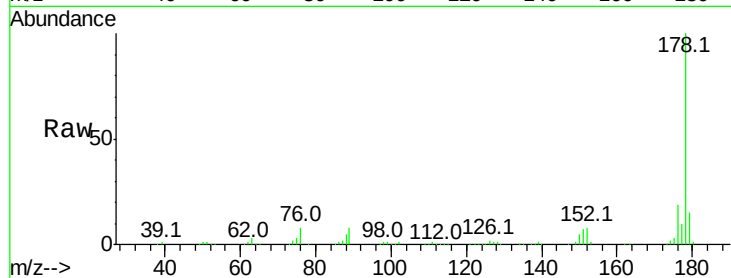




#71
 Anthracene
 Concen: 33.563 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

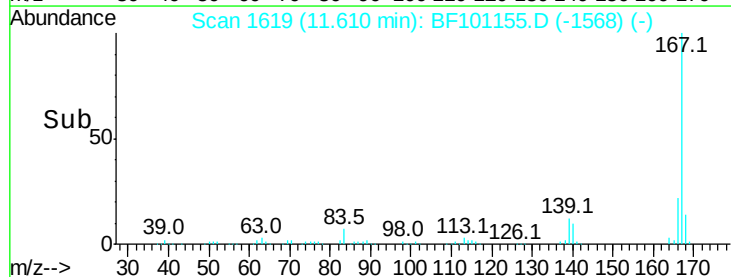
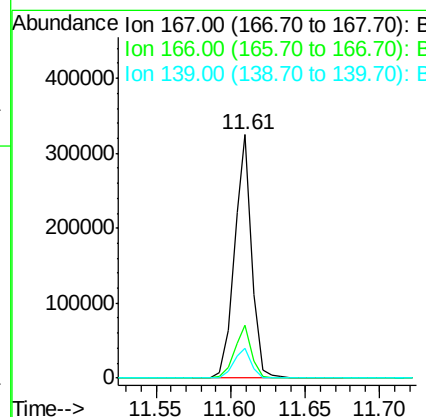
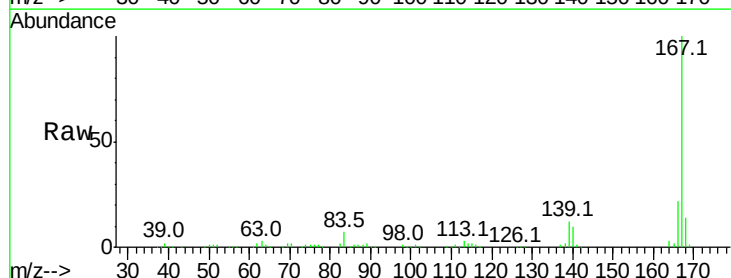
Instrument :
 BNA_F
 ClientSampleId :

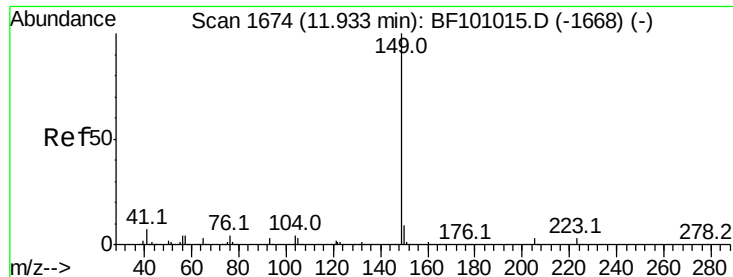
Tot Ion:178 Resp: 313864
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 30.997 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:167 Resp: 264842
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.234 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

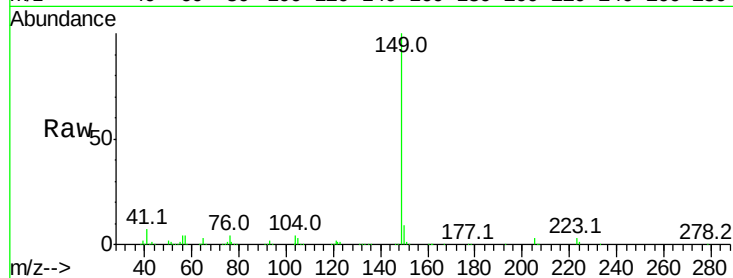
Tot Ion:149 Resp: 355919

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

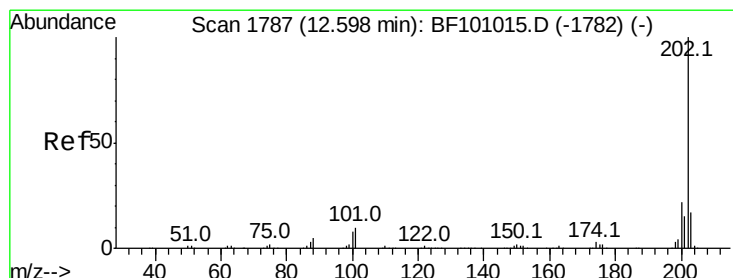
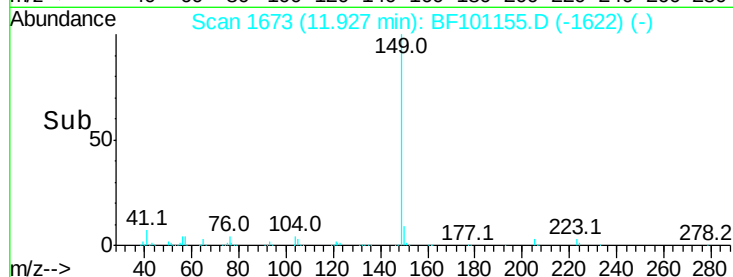
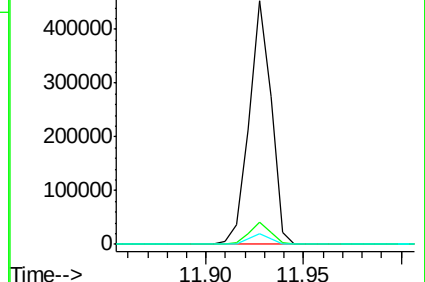
104 4.2 3.8 5.8



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: 27.432 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

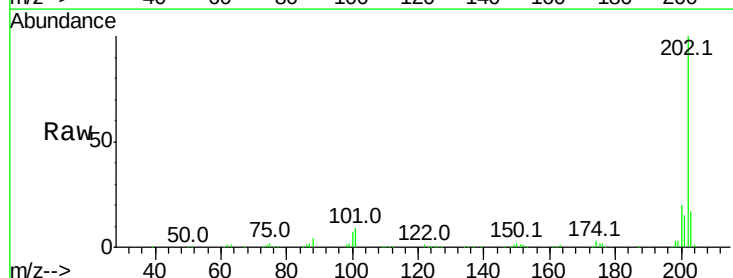
Tgt Ion:202 Resp: 280960

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.1

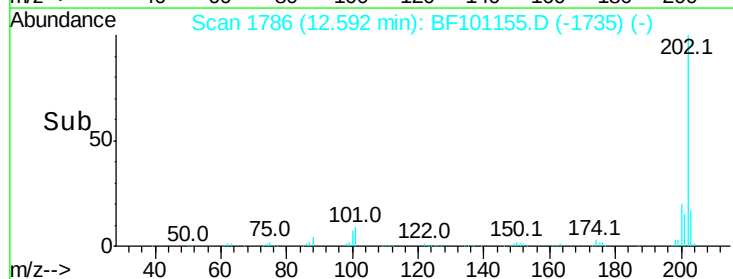
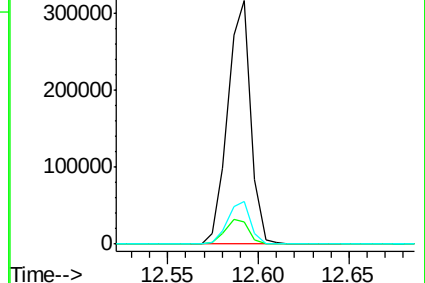
203 17.3 0.0 38.1

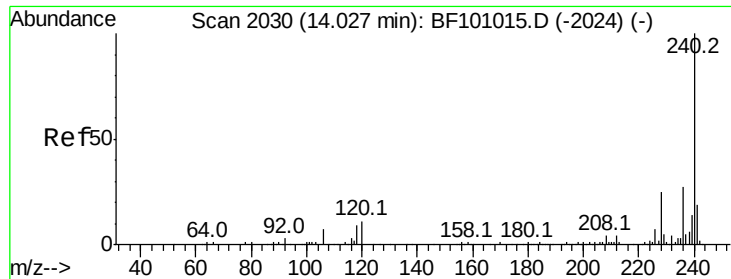


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

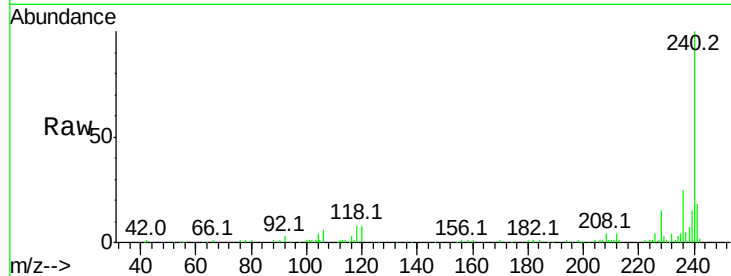
Tot Ion:240 Resp: 104552

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

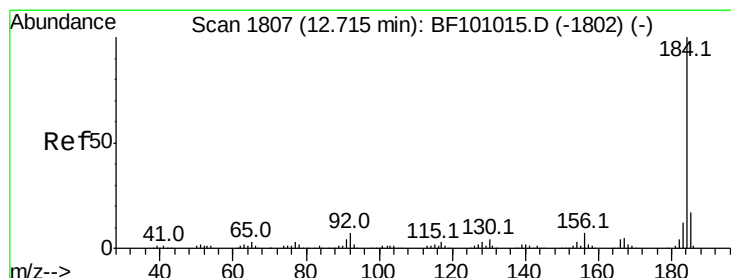
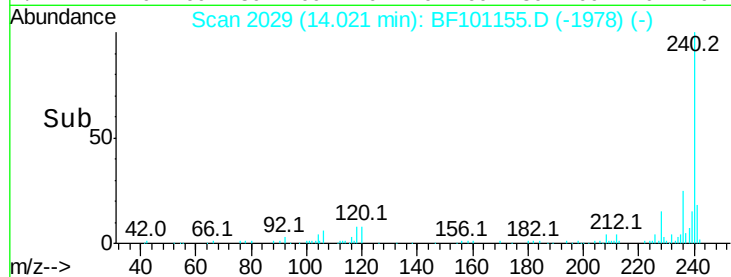
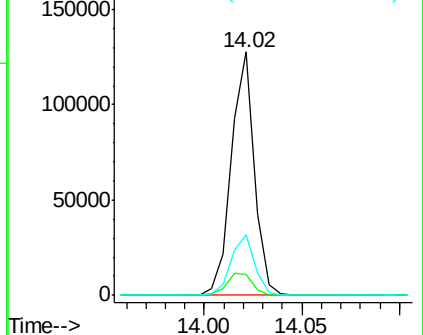
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.694 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

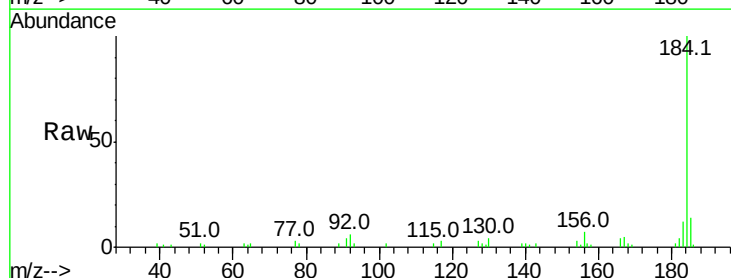
Tgt Ion:184 Resp: 29557

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

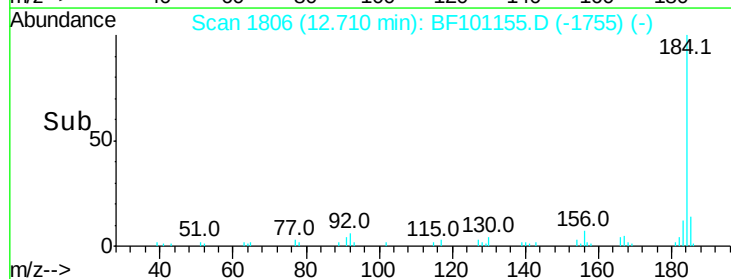
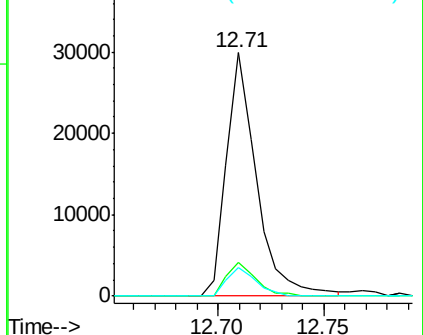
183 12.0 9.3 13.9

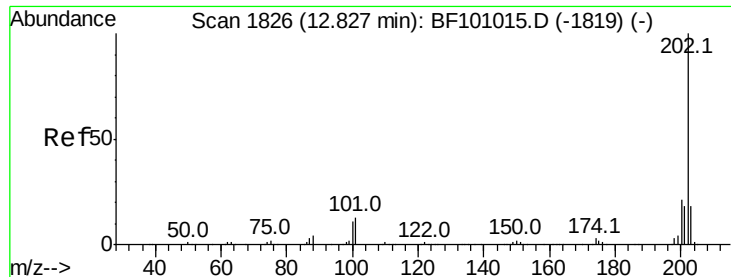


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

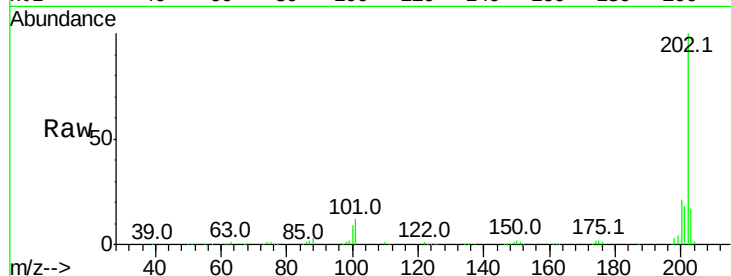




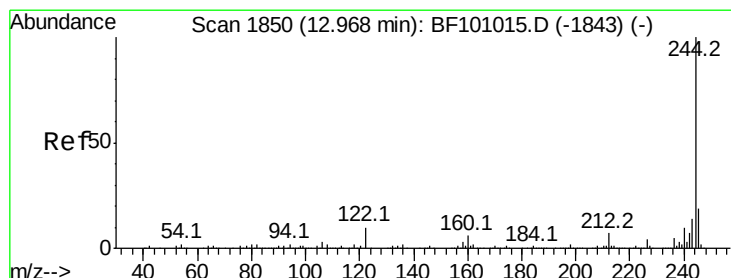
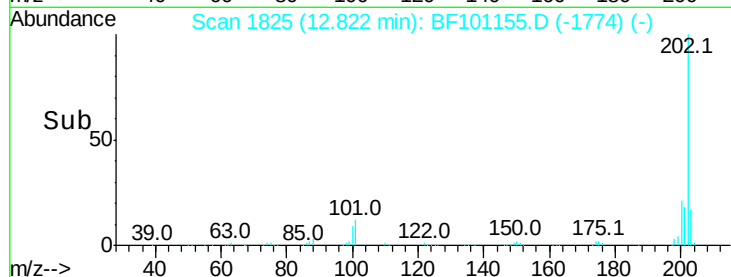
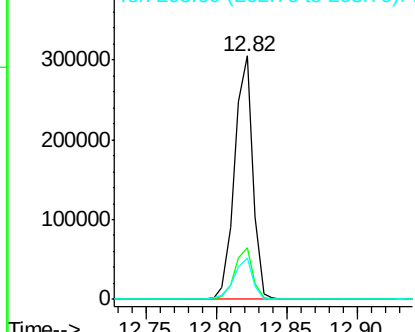
#77
Pvrene
Concen: 37.922 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5

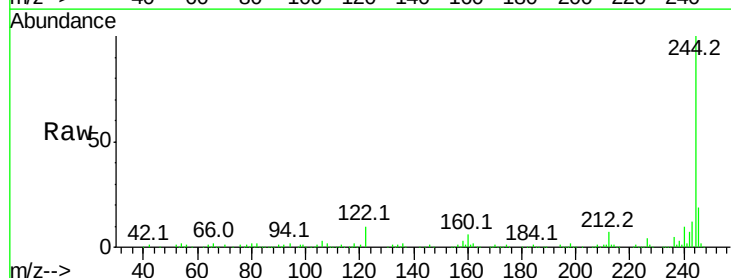


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

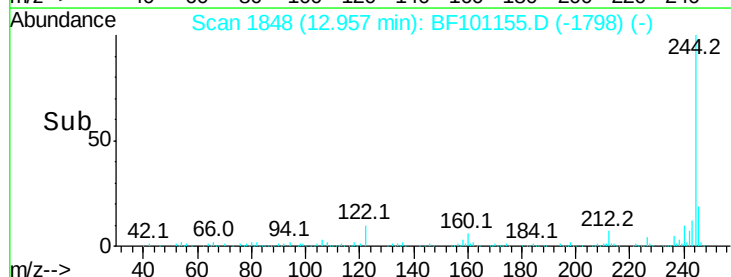
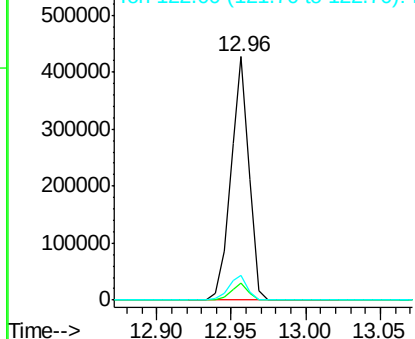


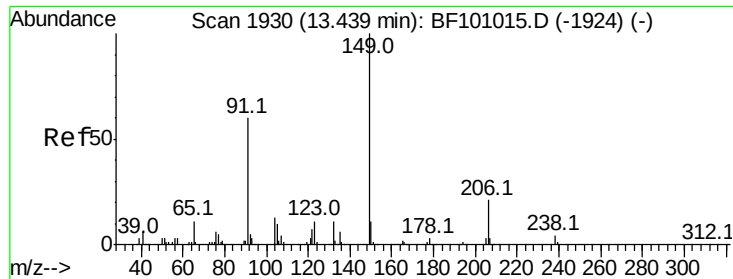
#78
Terphenyl-d14
Concen: 76.515 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	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

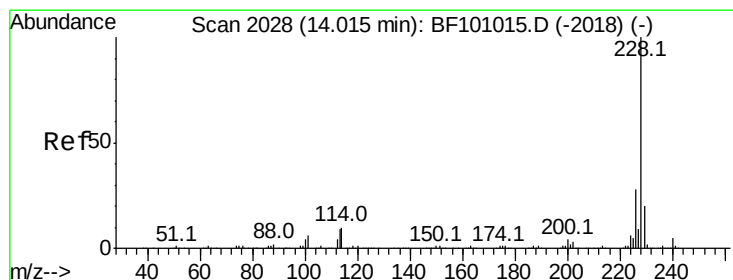
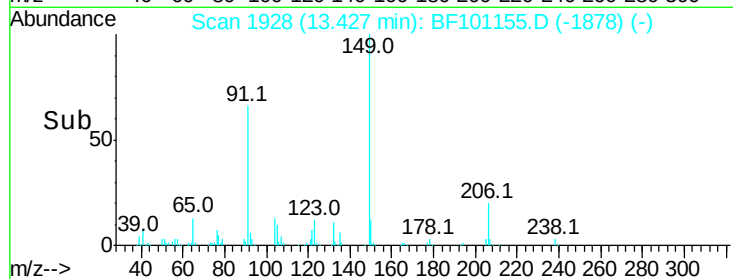
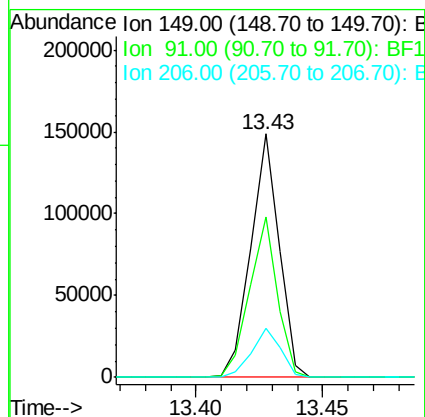
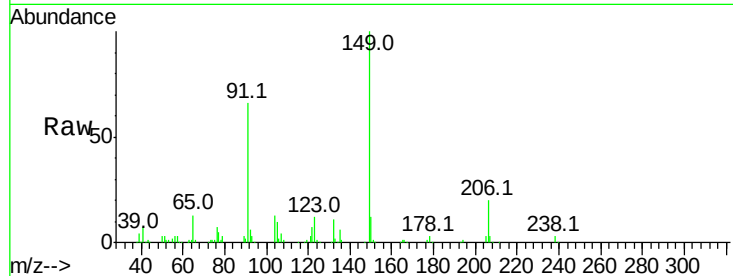




#79
Butylbenzylphthalate
Concen: 36.541 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

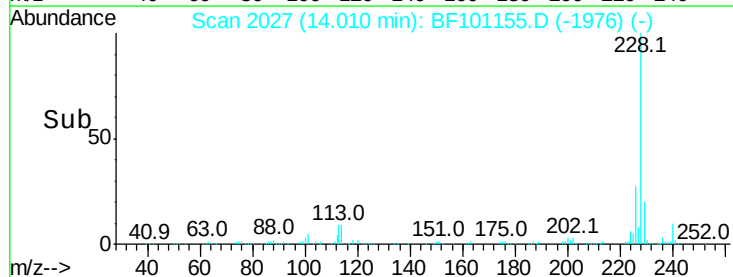
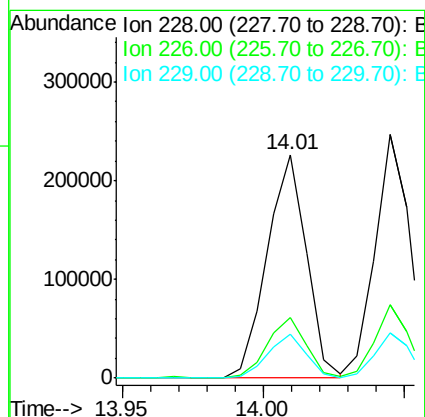
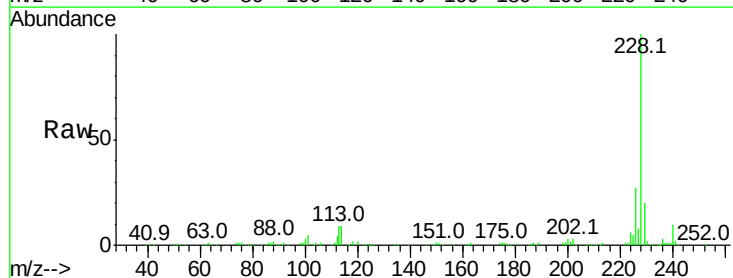
Instrument :
BNA_F
ClientSampleId :

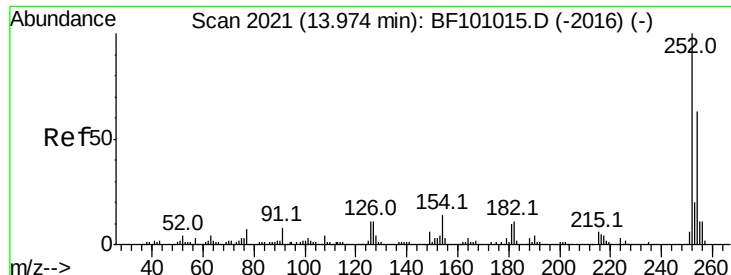
Tot Ion:149 Resp: 116228
Ion Ratio Lower Upper
149 100
91 65.8 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.144 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:228 Resp: 218794
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.7 15.8 23.6

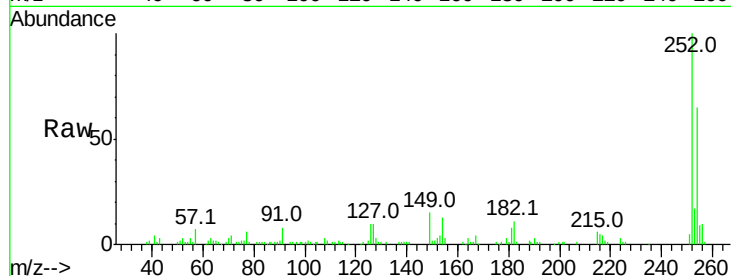




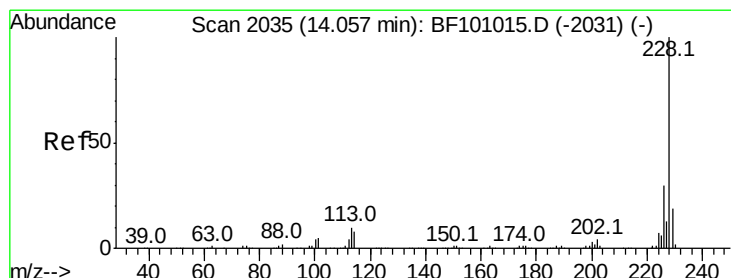
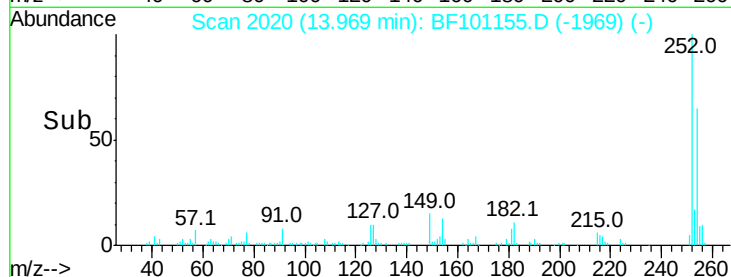
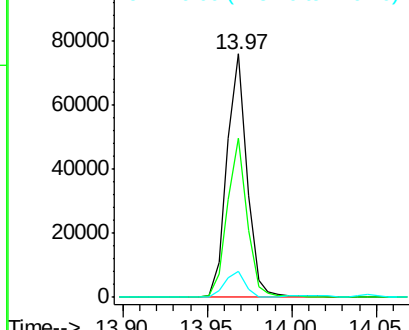
#81
 3,3'-Dichlorobenzidine
 Concen: 27.507 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.5	11.3	16.9#

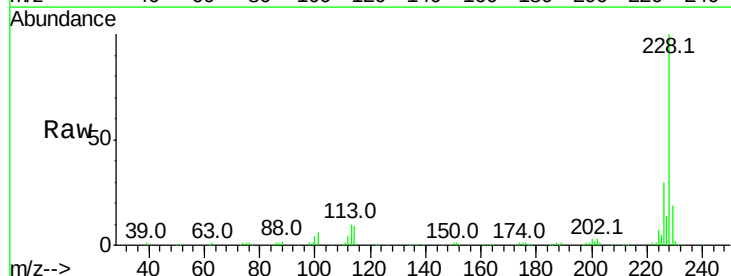


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

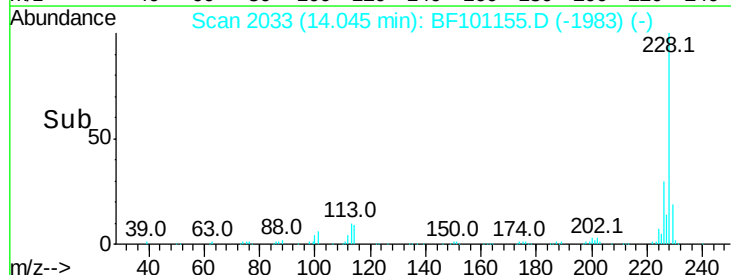
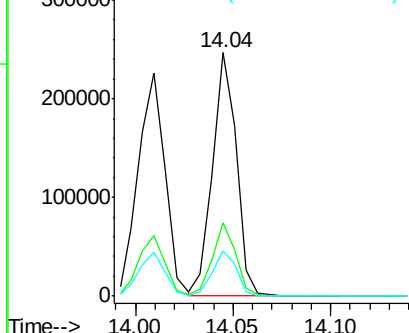


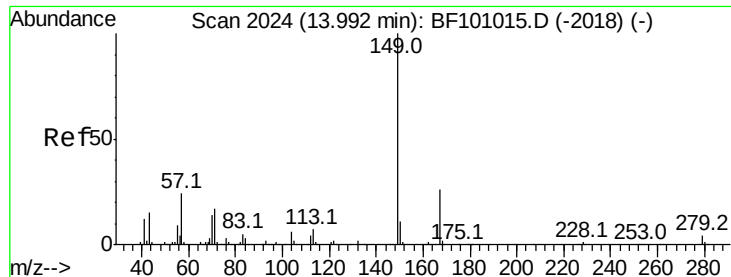
#82
 Chrysene
 Concen: 34.184 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	18.6	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: 35.271 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

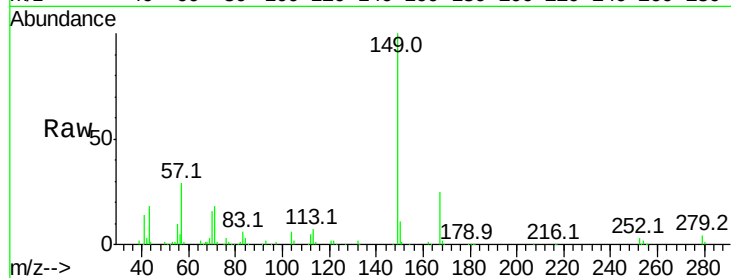
Tot Ion:149 Resp: 159964

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

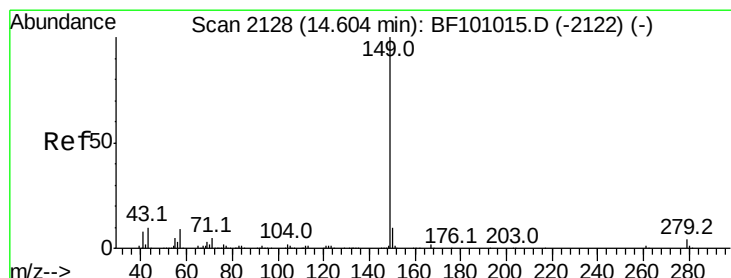
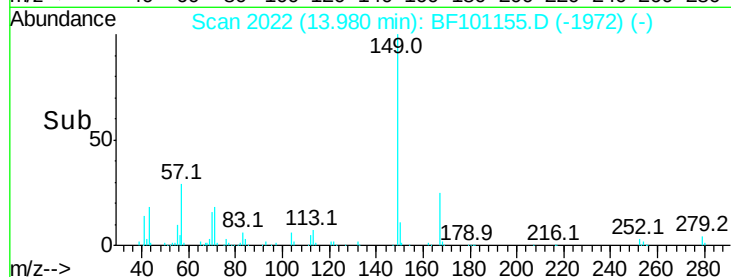
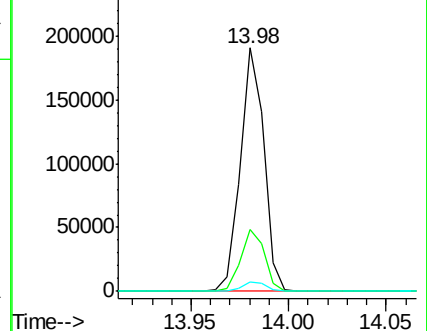
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.982 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

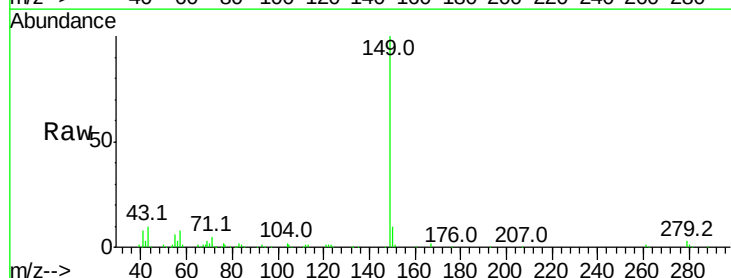
Tgt Ion:149 Resp: 241501

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

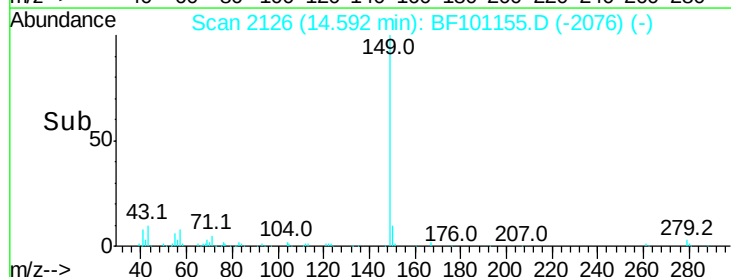
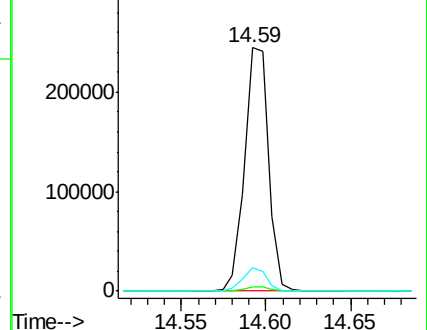
43 9.8 8.4 12.6

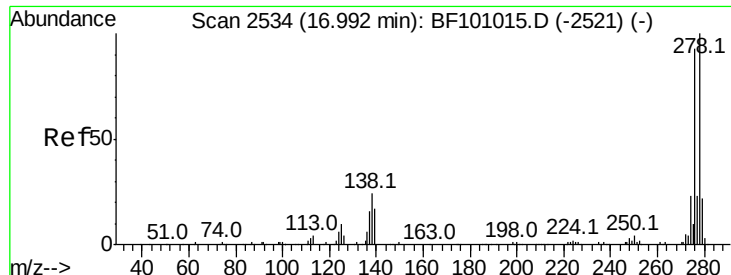


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

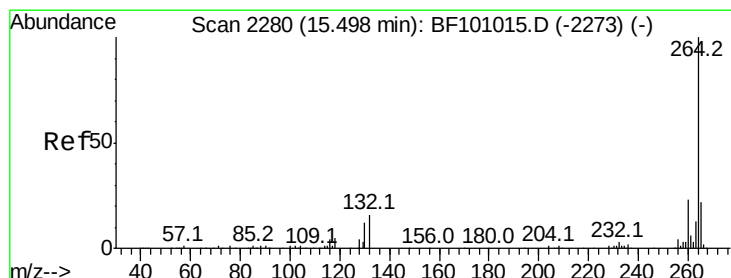
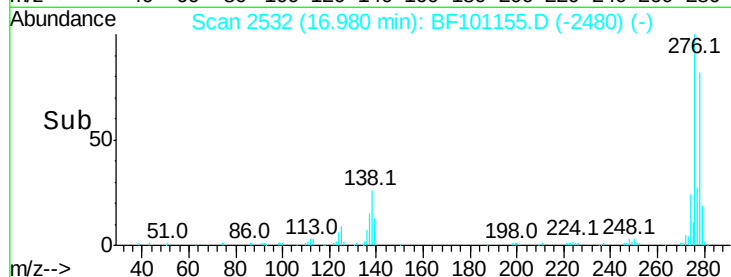
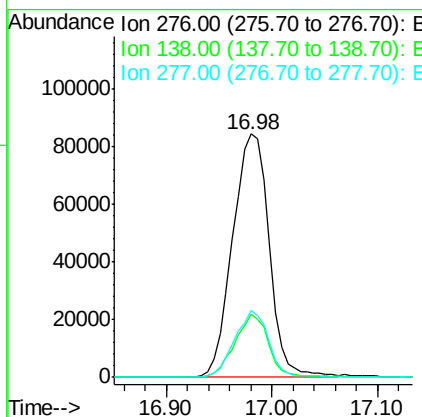
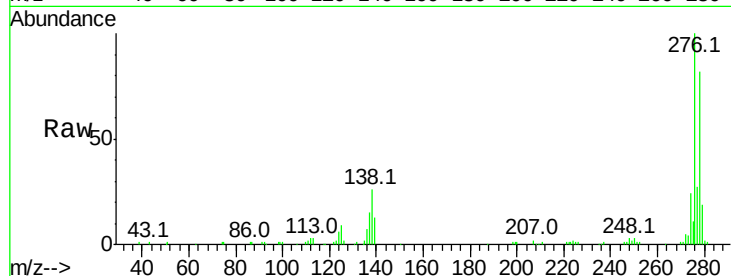




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.186 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

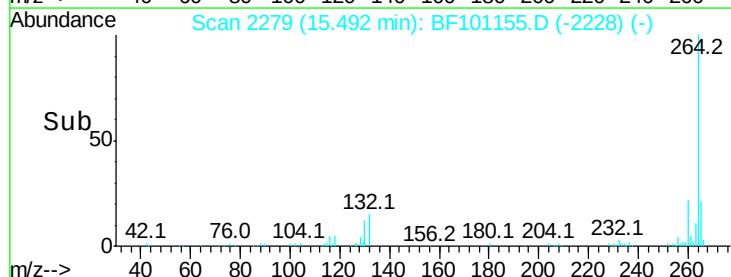
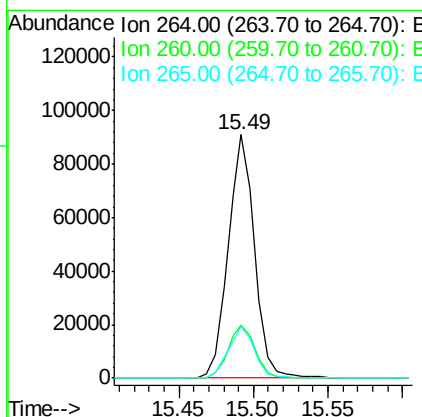
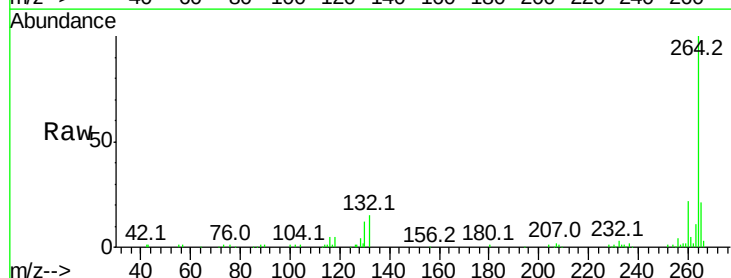
Instrument :
BNA_F
ClientSampled :

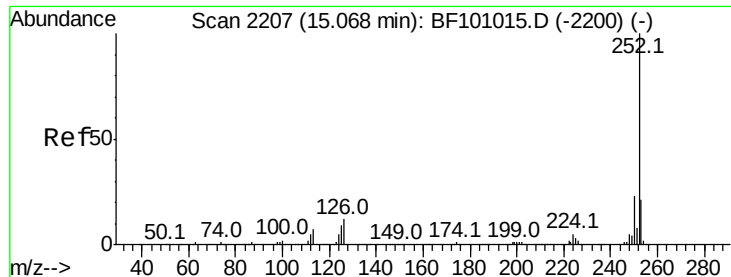
Tot Ion:276 Resp: 202683
Ion Ratio Lower Upper
276 100
138 23.7 25.0 37.6#
277 25.7 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:264 Resp: 112450
Ion Ratio Lower Upper
264 100
260 21.8 19.2 28.8
265 21.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 30.972 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.03 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

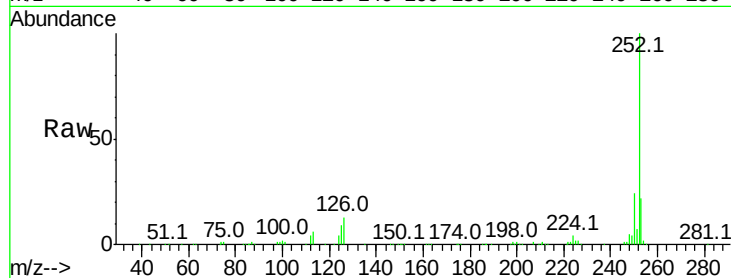
Tot Ion:252 Resp: 208612

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

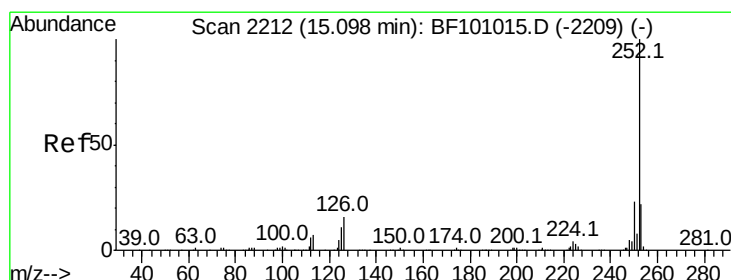
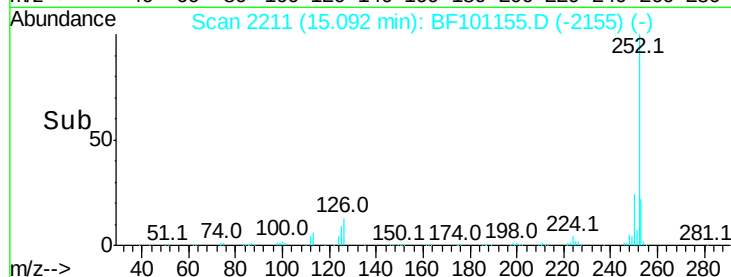
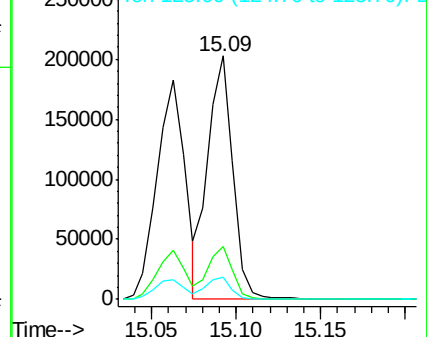
125 9.1 9.0 13.6



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: 31.437 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

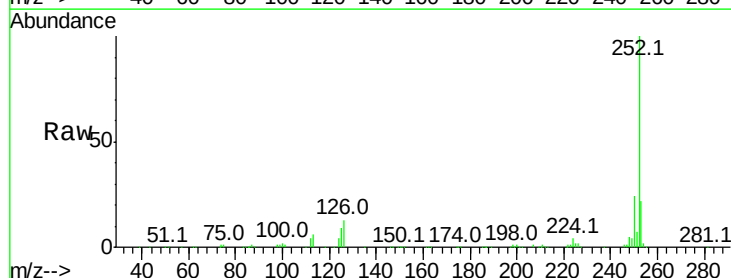
Tgt Ion:252 Resp: 208612

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

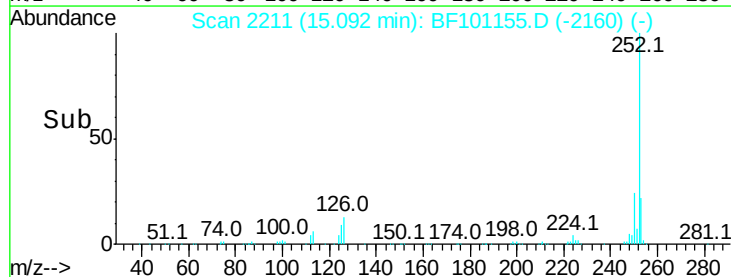
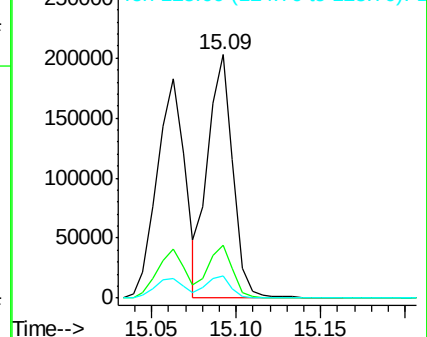
125 9.1 10.2 15.2#

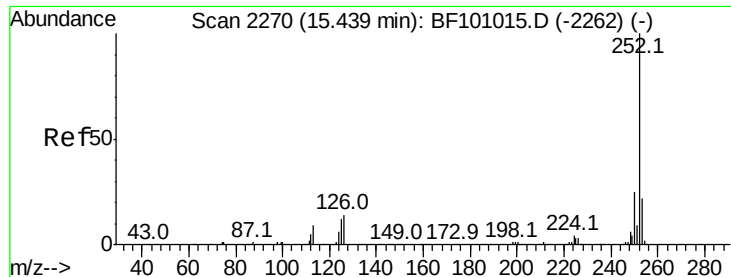


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

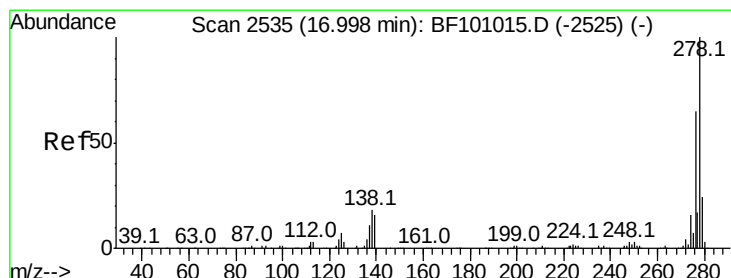
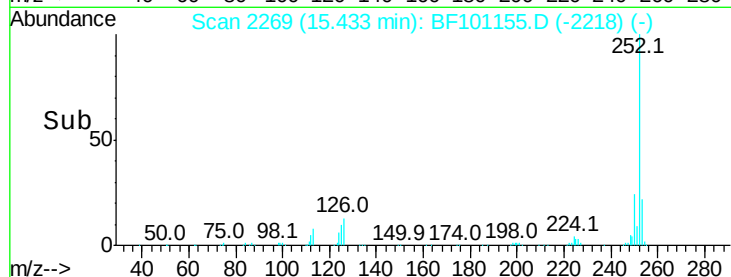
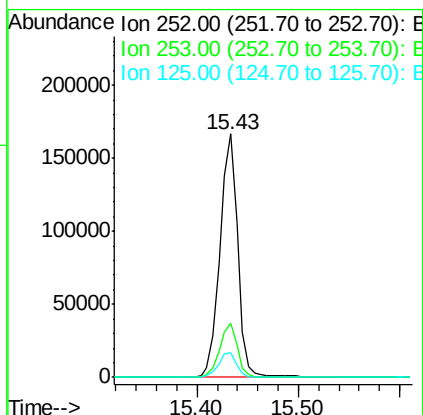
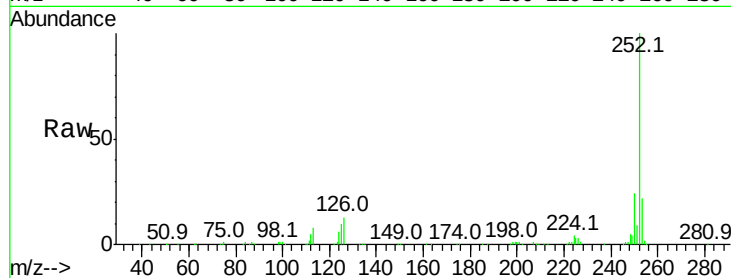




#89
Benzo(a)pyrene
Concen: 33.176 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

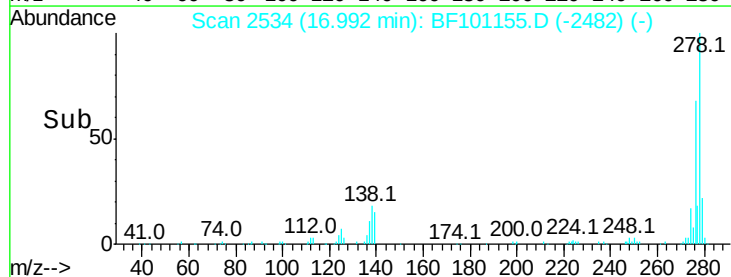
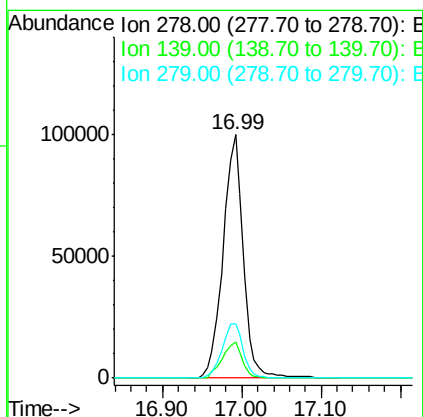
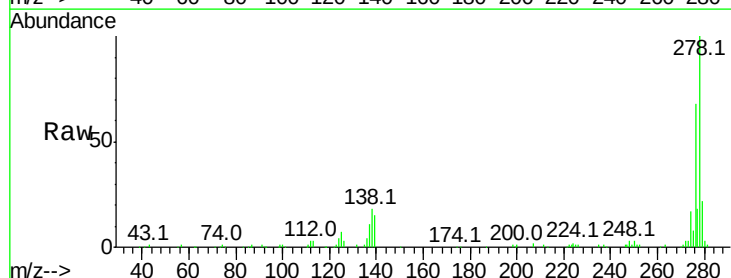
Instrument :
BNA_F
ClientSampleId :

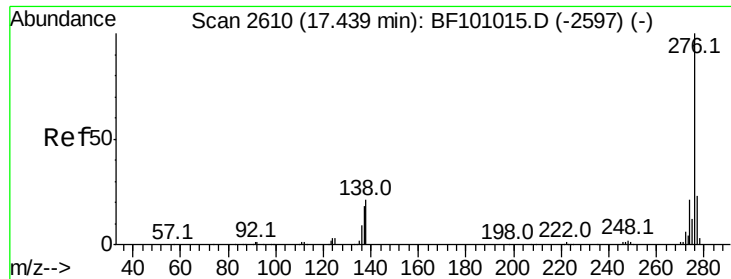
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 32.738 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	22.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 31.095 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

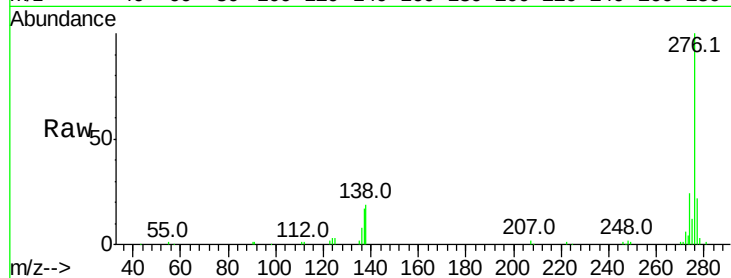
Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

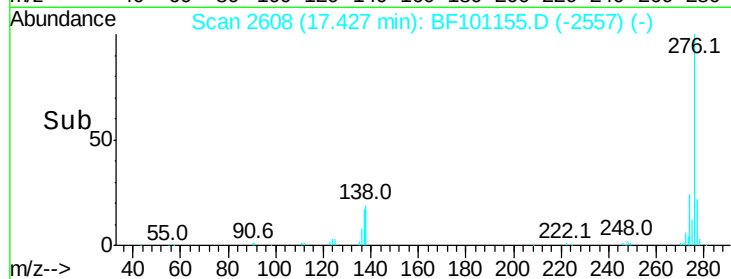
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	158196
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	19.1	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

