

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101086.D
 Acq On : 4 Dec 2017 9:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 14:48:05 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	49449	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	205898	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	100394	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	199520	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172399	20.00	ng	0.00
86) Perylene-d12	15.49	264	160781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	239462	80.02	ng	0.00
7) Phenol-d6	6.48	99	297595	81.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	275285	79.76	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95521	79.20	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	598903	81.62	ng	0.00
78) Terphenyl-d14	12.96	244	630303	79.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	48538	39.22	ng	98
3) Pyridine	3.37	79	120106	37.44	ng	93
4) n-Nitrosodimethylamine	3.33	42	67988	43.39	ng	# 89
6) Aniline	6.52	93	192738	40.80	ng	99
8) 2-Chlorophenol	6.63	128	132955	40.75	ng	96
9) Benzaldehyde	6.40	77	85060	38.25	ng	98
10) Phenol	6.49	94	165033	40.85	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	122435	40.41	ng	99
12) 1,3-Dichlorobenzene	6.79	146	155056	40.81	ng	97
13) 1,4-Dichlorobenzene	6.86	146	159526	40.56	ng	98
14) 1,2-Dichlorobenzene	7.02	146	150386	40.99	ng	95
15) Benzyl Alcohol	6.99	79	118538	42.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	169456	41.14	ng	98
17) 2-Methylphenol	7.10	107	106479	40.41	ng	98
18) Hexachloroethane	7.36	117	51472	40.73	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	101234	41.37	ng	94
20) 3+4-Methylphenols	7.26	107	142429	41.45	ng	# 73
22) Acetophenone	7.26	105	199928	40.19	ng	# 96
24) Nitrobenzene	7.43	77	135675	40.11	ng	100
25) Isophorone	7.67	82	235054	39.87	ng	99
26) 2-Nitrophenol	7.75	139	75164	40.48	ng	89
27) 2,4-Dimethylphenol	7.78	122	107896	40.16	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	157743	39.81	ng	98
29) 2,4-Dichlorophenol	7.99	162	117460	40.17	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	130321	40.53	ng	95
31) Naphthalene	8.16	128	403100	39.72	ng	99
32) Benzoic acid	7.92	122	75201	35.99	ng	96
33) 4-Chloroaniline	8.20	127	164469	40.34	ng	99
34) Hexachlorobutadiene	8.26	225	78493	39.80	ng	99
35) Caprolactam	8.59	113	34798	38.19	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	121709	40.18	ng	94
37) 2-Methylnaphthalene	8.85	142	274258	39.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	150850	41.36	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	40932	35.82	ng	97

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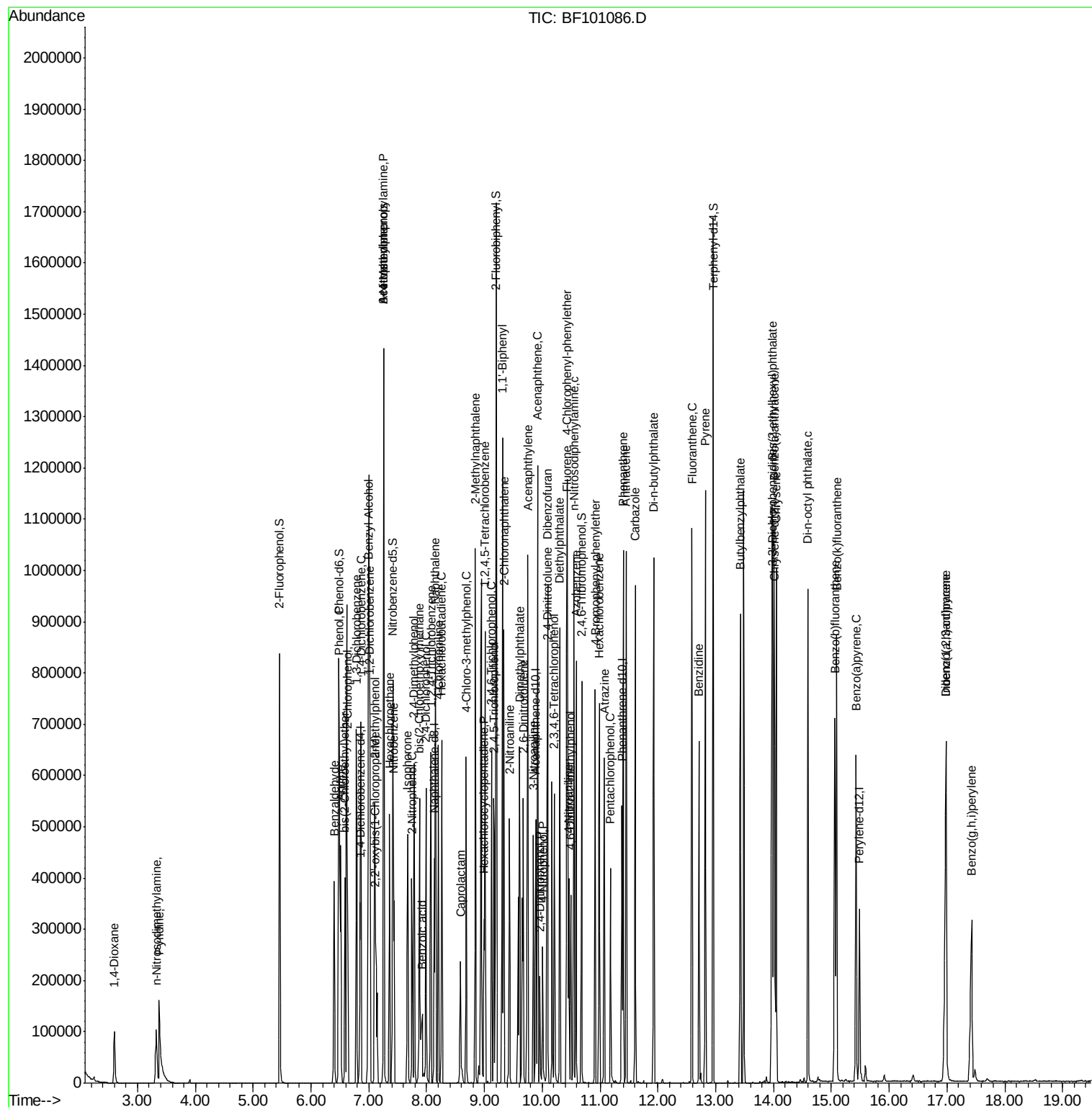
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	87739	41.04	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	94945	41.54	nq	95
45) 1,1'-Biphenyl	9.31	154	371508	40.39	nq	97
46) 2-Chloronaphthalene	9.33	162	262677	40.21	nq	98
47) 2-Nitroaniline	9.43	65	76686	39.68	nq	97
48) Acenaphthylene	9.75	152	427383	39.81	nq	99
49) Dimethylphthalate	9.61	163	318885	39.39	nq	98
50) 2,6-Dinitrotoluene	9.67	165	68156	39.97	nq	96
51) Acenaphthene	9.92	154	254754	39.63	nq	99
52) 3-Nitroaniline	9.85	138	75344	39.29	nq	99
53) 2,4-Dinitrophenol	9.96	184	29893	36.86	nq	# 16
54) Dibenzofuran	10.09	168	370358	39.98	nq	99
55) 4-Nitrophenol	10.01	139	49430	38.22	nq	88
56) 2,4-Dinitrotoluene	10.08	165	89162	39.01	nq	# 97
57) Fluorene	10.44	166	297259	39.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	74705	40.82	nq	# 85
59) Diethylphthalate	10.30	149	316383	39.62	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	150048	40.36	nq	90
61) 4-Nitroaniline	10.46	138	74893	37.62	nq	94
62) Azobenzene	10.59	77	263133	38.83	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	52337	39.11	nq	88
65) n-Nitrosodiphenylamine	10.55	169	279837	39.76	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	91241	40.86	nq	# 89
67) Hexachlorobenzene	10.99	284	97491	40.73	nq	# 85
68) Atrazine	11.07	200	85988	39.82	nq	96
69) Pentachlorophenol	11.18	266	52544	39.93	nq	98
70) Phenanthrene	11.40	178	434268	39.52	nq	98
71) Anthracene	11.45	178	437573	39.35	nq	99
72) Carbazole	11.61	167	394258	38.80	nq	98
73) Di-n-butylphthalate	11.93	149	497981	39.10	nq	98
74) Fluoranthene	12.59	202	460172	37.78	nq	94
76) Benzidine	12.71	184	235518	42.01	nq	99
77) Pyrene	12.82	202	472374	39.71	nq	98
79) Butylbenzylphthalate	13.43	149	208520	39.76	nq	94
80) Benzo(a)anthracene	14.01	228	429444	39.45	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	146795	38.94	nq	# 96
82) Chrysene	14.05	228	398611	39.43	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	299552	40.06	nq	98
84) Di-n-octyl phthalate	14.60	149	495647	39.81	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	360408	40.10	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	387631	40.25	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	363852	38.35	nq	# 95
89) Benzo(a)pyrene	15.43	252	344000	39.29	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	304873	39.50	nq	96
91) Benzo(g,h,i)perylene	17.43	276	293613	40.36	nq	# 90

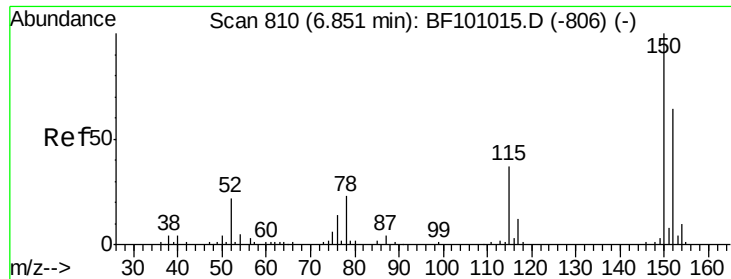
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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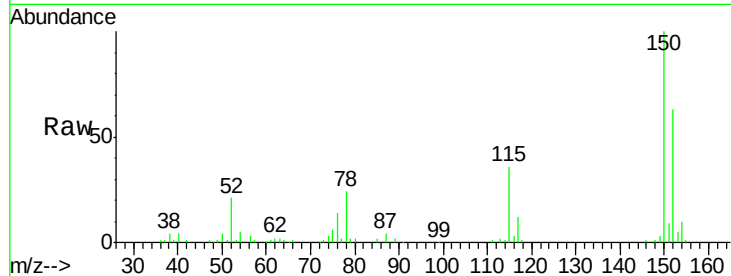


#1

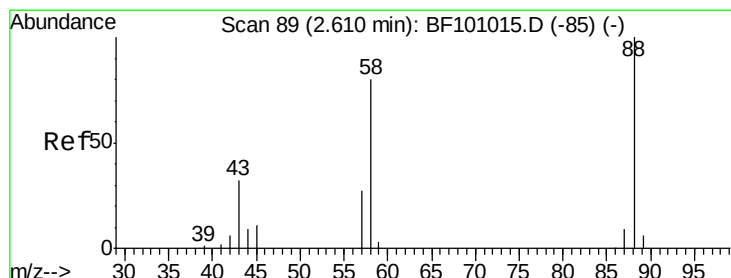
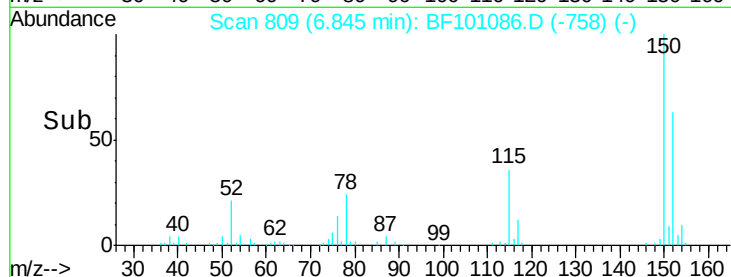
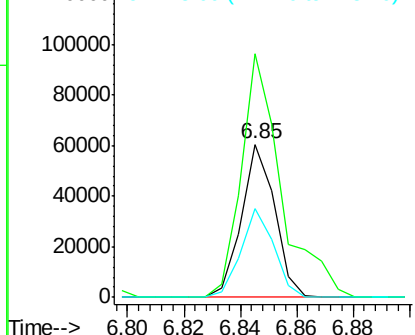
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49449
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.9 50.1 75.1



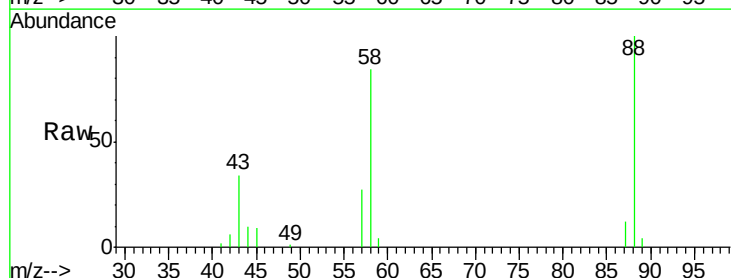
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



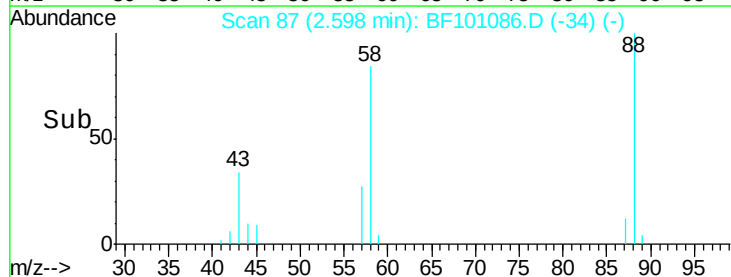
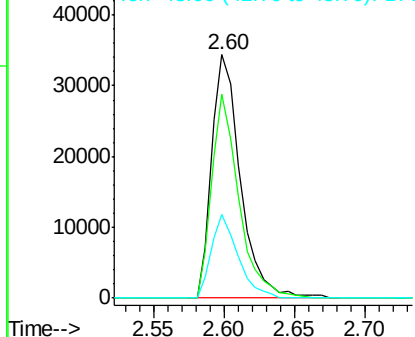
#2

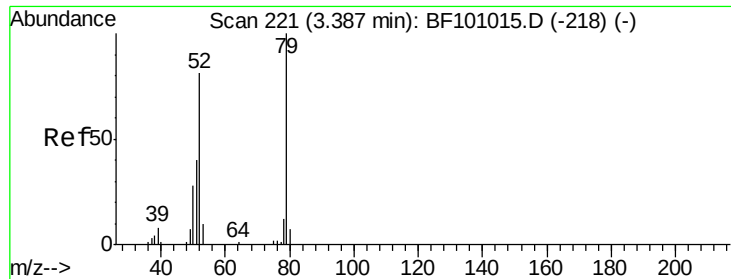
1,4-Dioxane
Concen: 39.22 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion: 88 Resp: 48538
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 31.8 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: 37.44 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

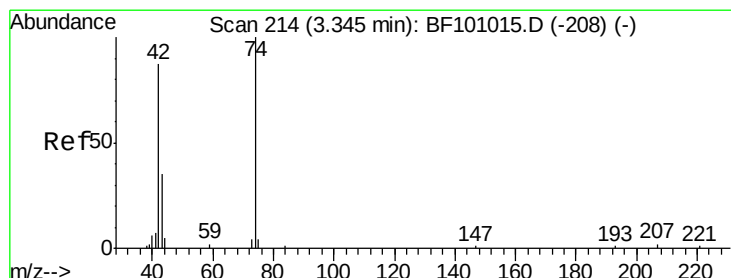
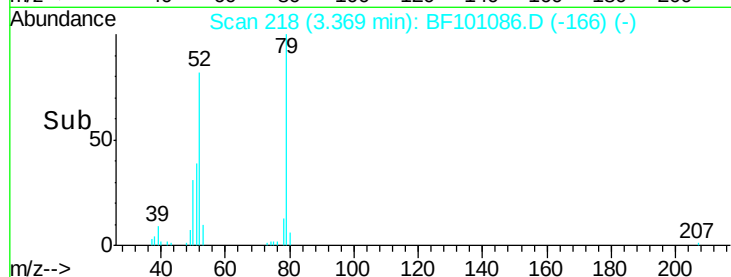
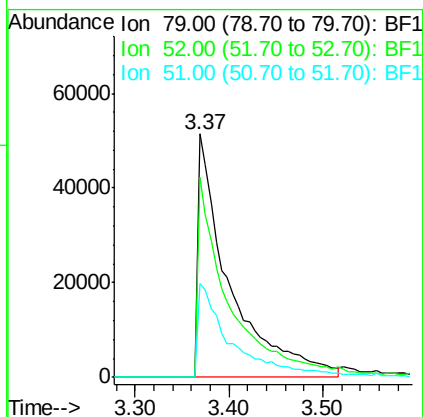
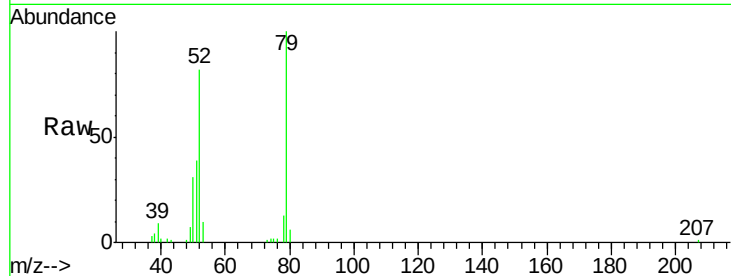
Tot Ion: 79 Resp: 120106

Ion Ratio Lower Upper

79 100

52 82.0 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.39 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

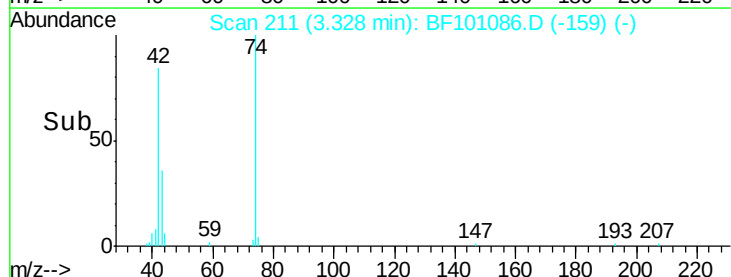
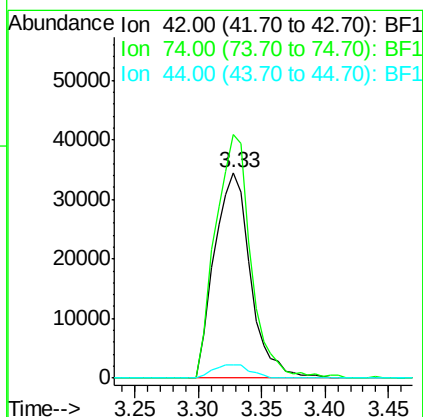
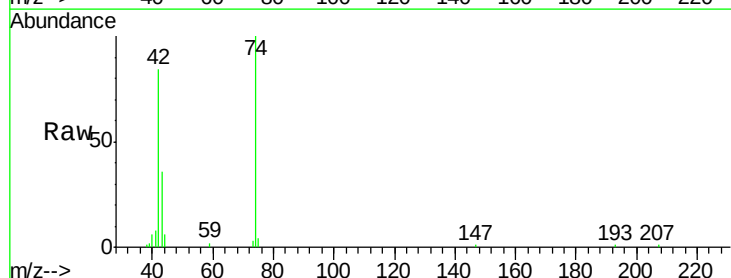
Tgt Ion: 42 Resp: 67988

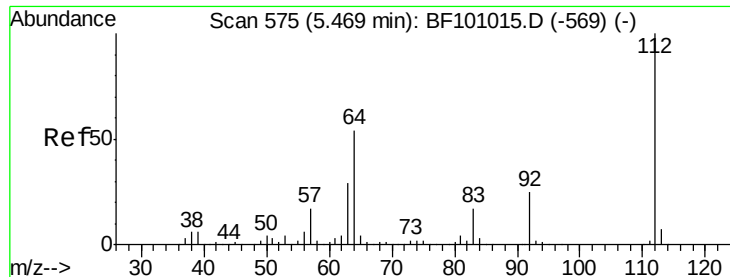
Ion Ratio Lower Upper

42 100

74 118.4 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 80.02 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampled :

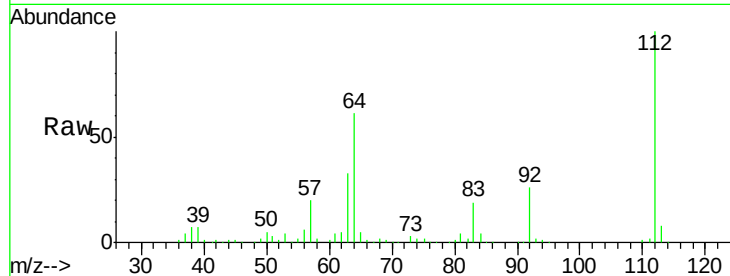
Tot Ion: 112 Resp: 239462

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

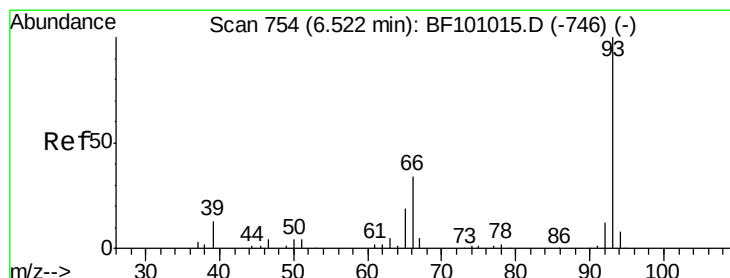
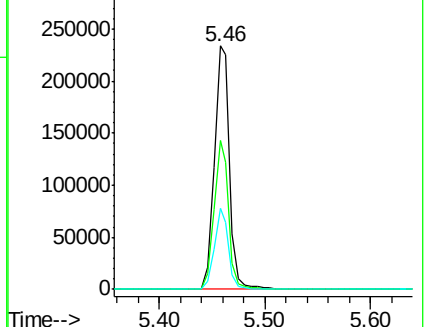
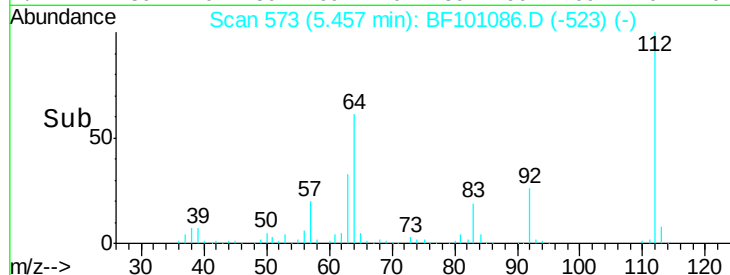
63 33.3 23.7 35.5



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: 40.80 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

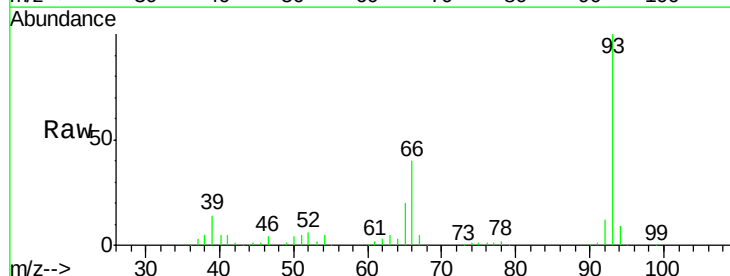
Tgt Ion: 93 Resp: 192738

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

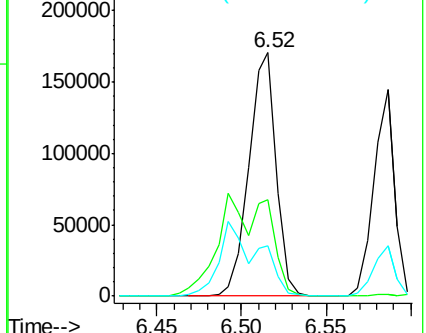
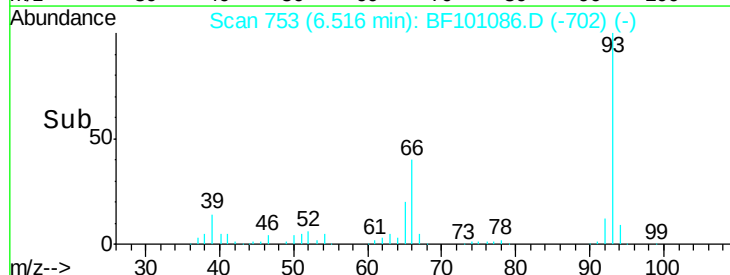
65 20.4 16.4 24.6

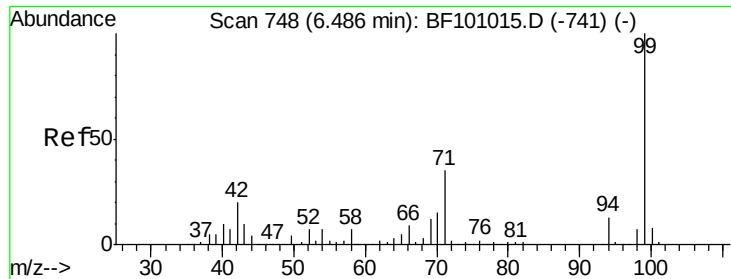


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.91 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

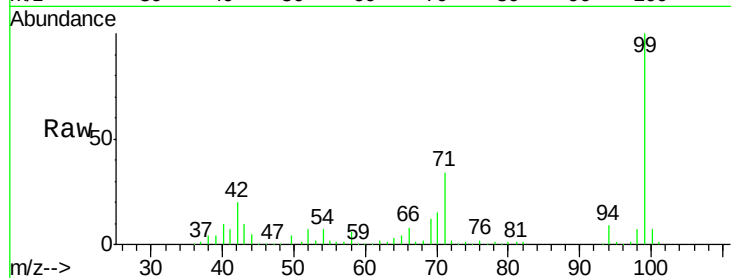
Tot Ion: 99 Resp: 297595

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

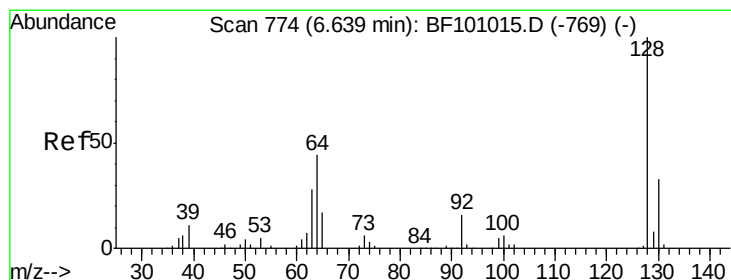
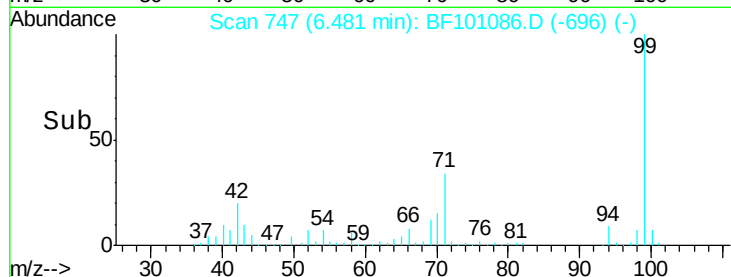
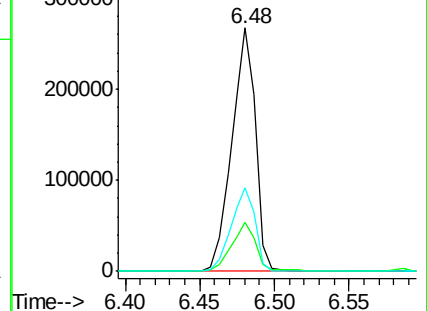
71 34.3 25.4 38.0



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: 40.75 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

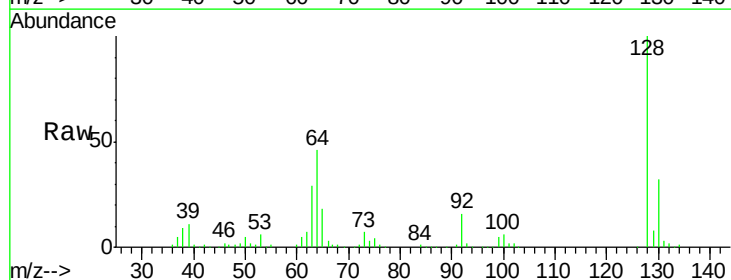
Tgt Ion: 128 Resp: 132955

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

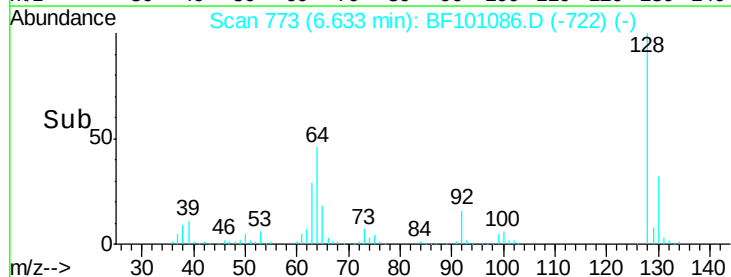
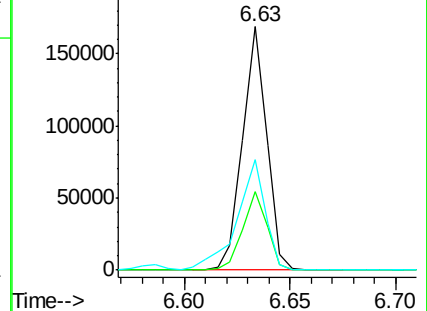
64 45.6 29.4 69.4

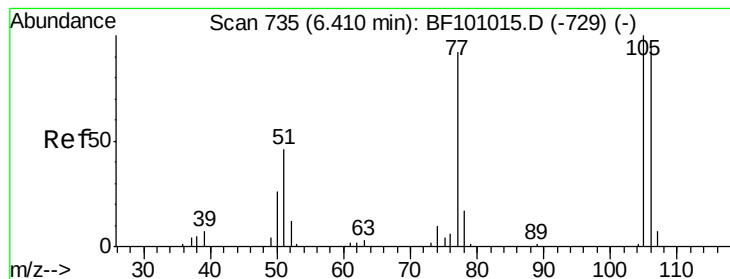


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.25 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampled :

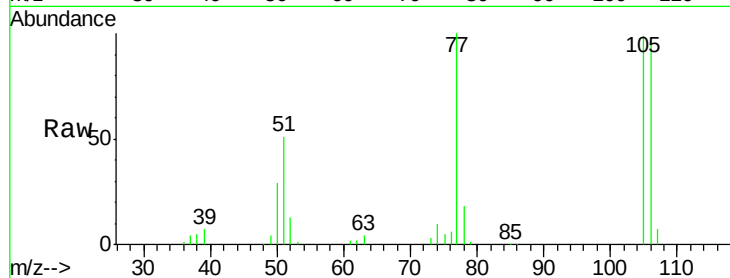
Tot Ion: 77 Resp: 85060

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

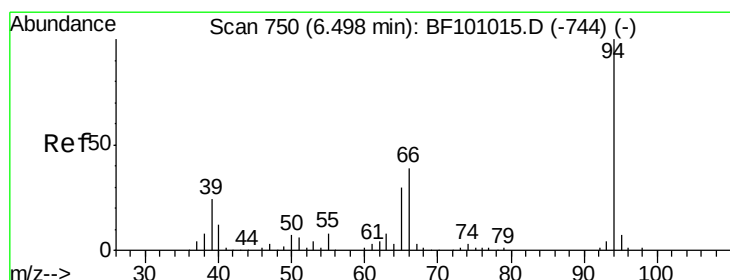
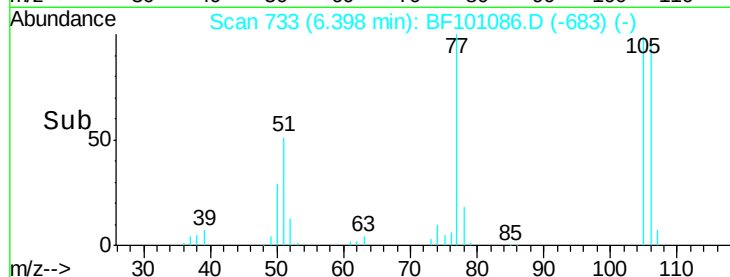
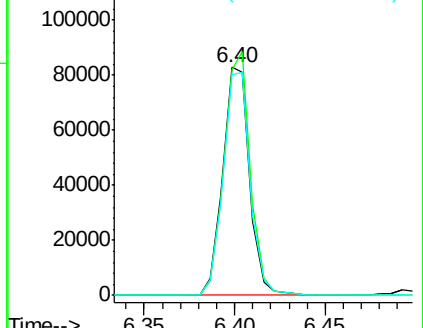
106 97.0 74.5 114.5



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: 40.85 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

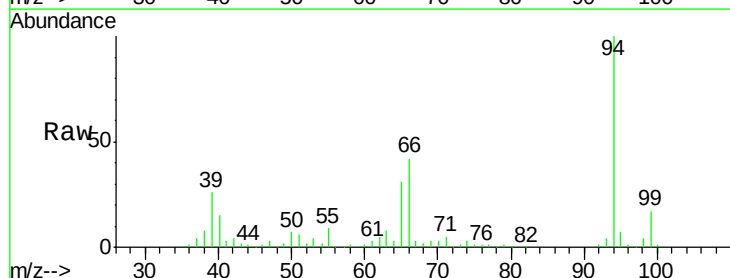
Tgt Ion: 94 Resp: 165033

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

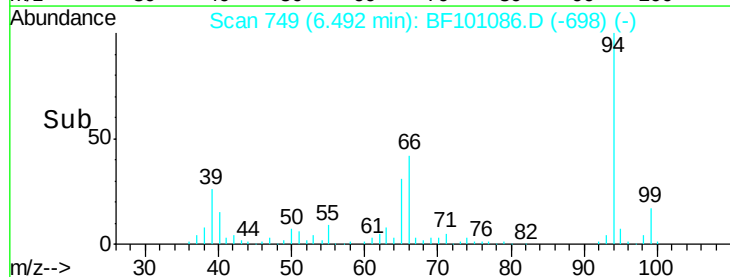
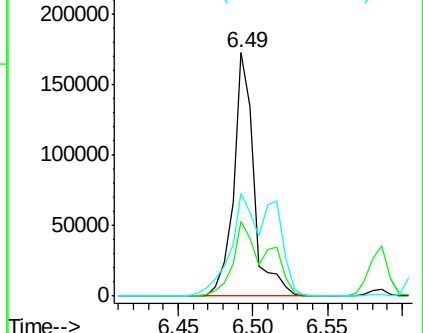
66 42.0 16.2 56.2

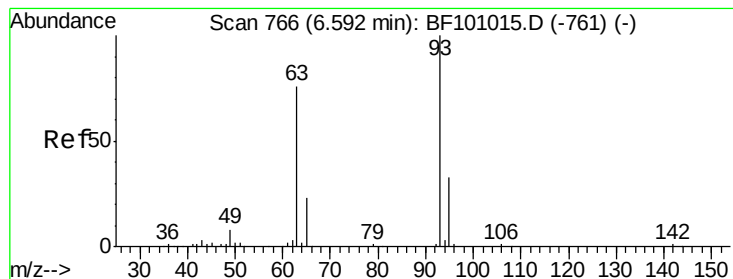


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

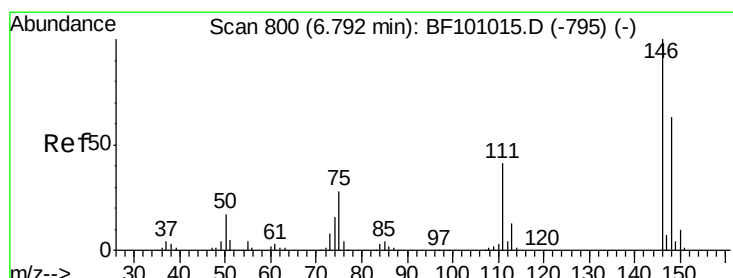
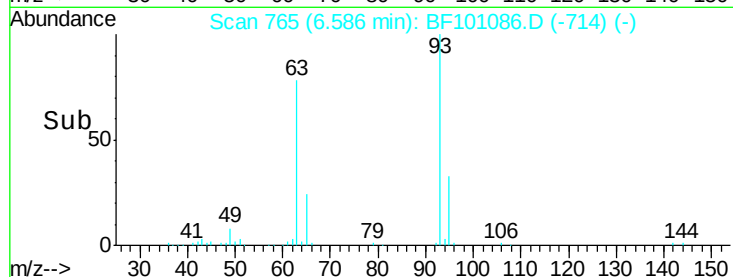
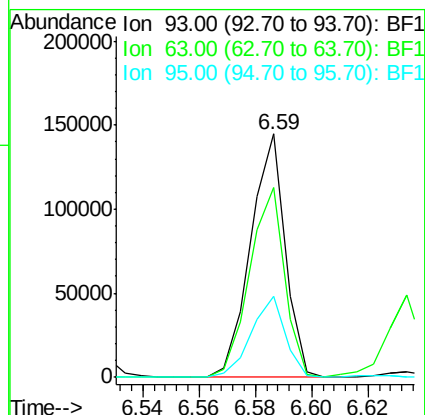
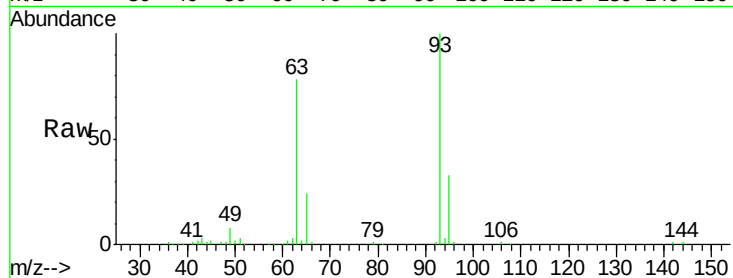




#11
bis(2-Chloroethyl)ether
Concen: 40.41 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

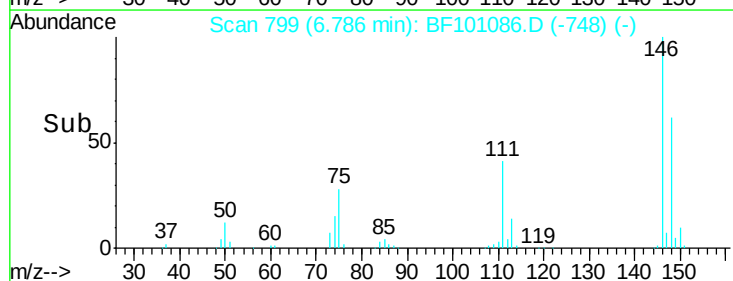
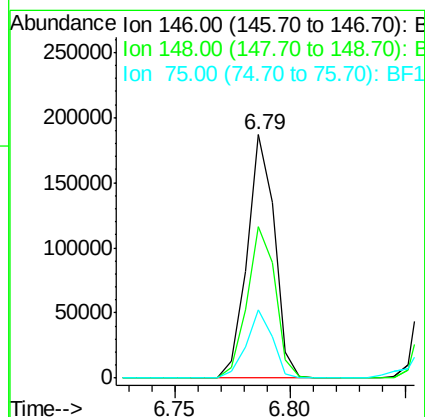
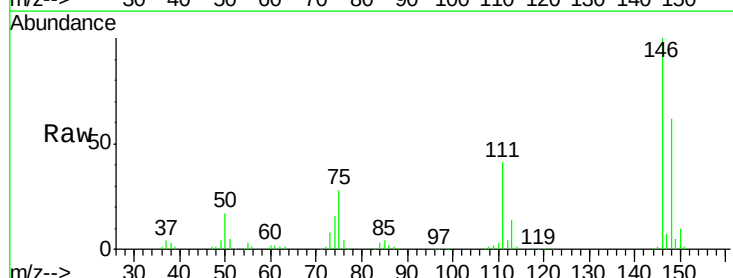
Instrument :
BNA_F
ClientSampleId :

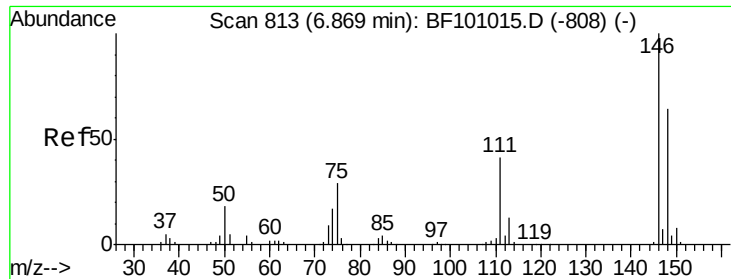
Tot Ion:	93	Resp:	122435
Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.6	98.6
95	33.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:	146	Resp:	155056
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.8
75	28.2	24.2	36.4

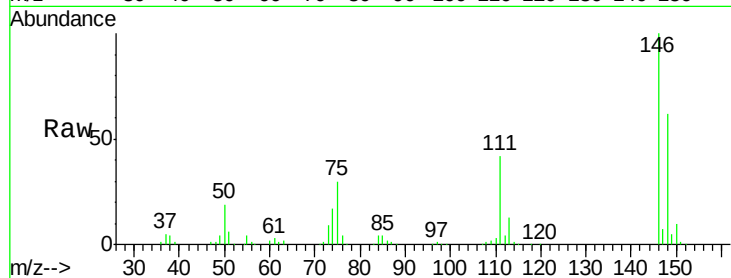




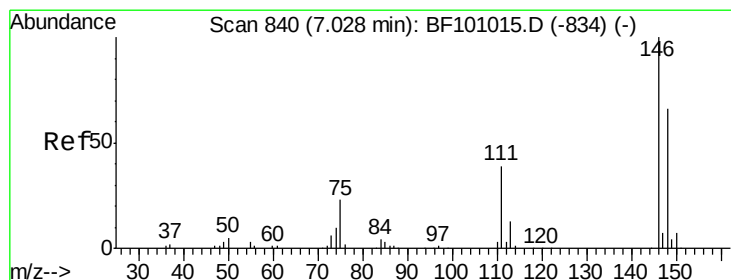
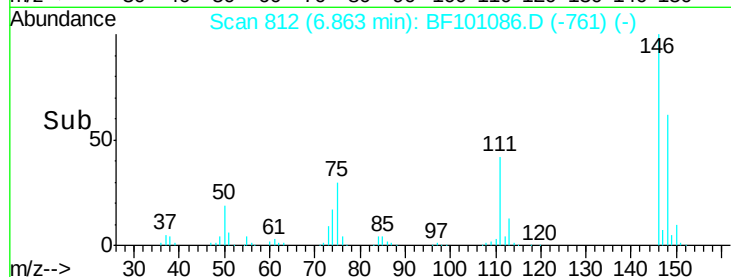
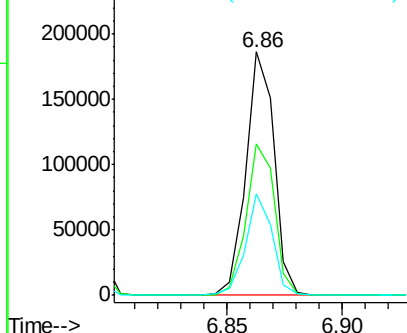
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 159526
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 41.7 34.2 51.2

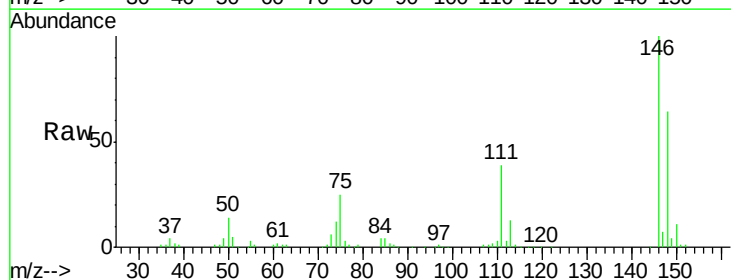


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

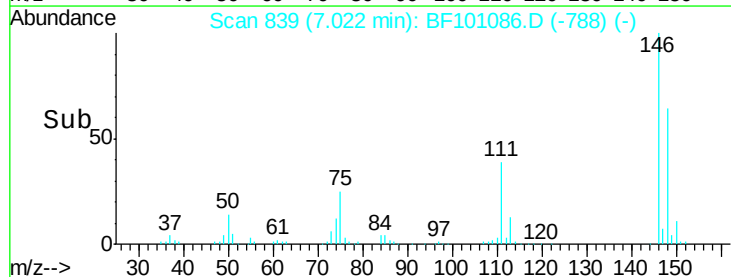
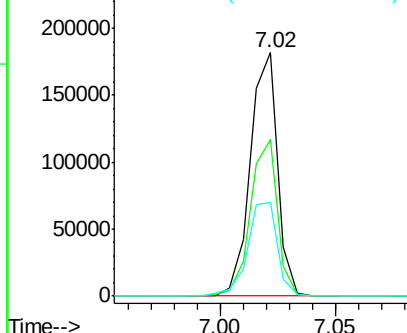


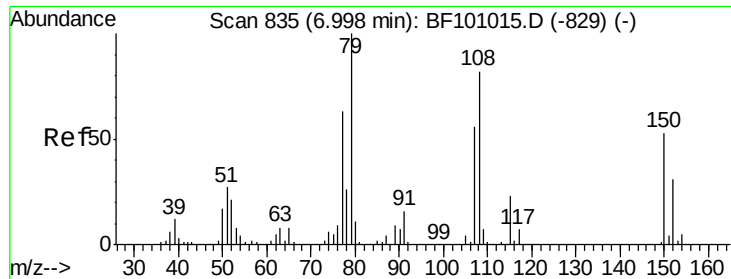
#14
 1,2-Dichlorobenzene
 Concen: 40.99 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:146 Resp: 150386
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 38.6 36.0 54.0



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

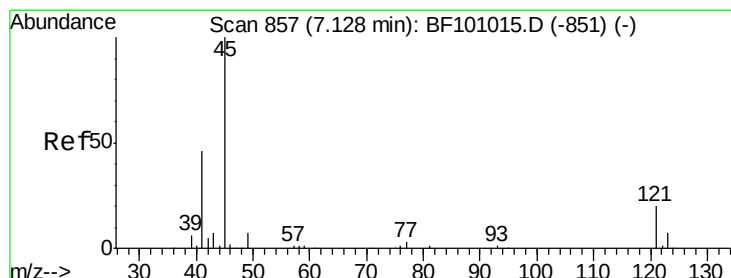
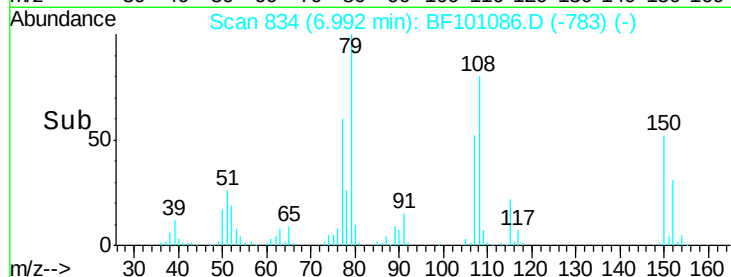
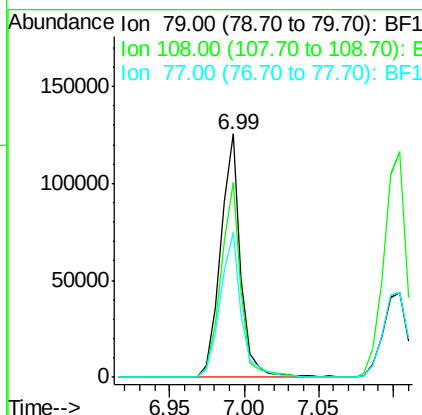
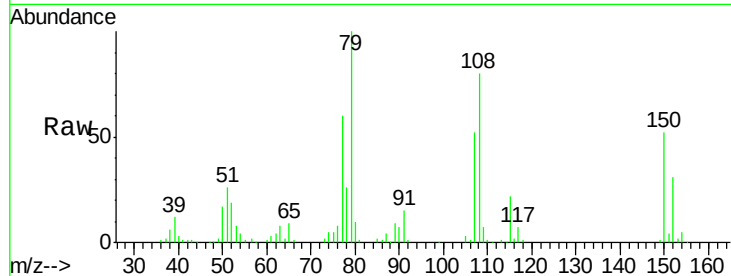




#15
Benzyl Alcohol
Concen: 42.24 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

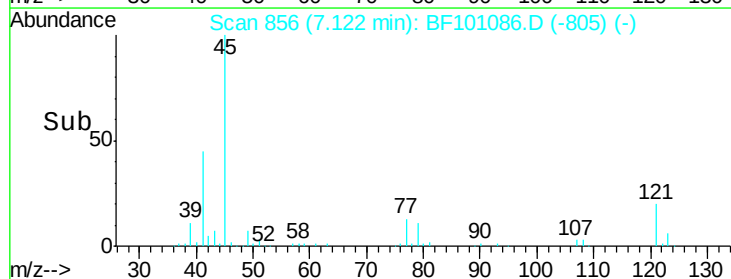
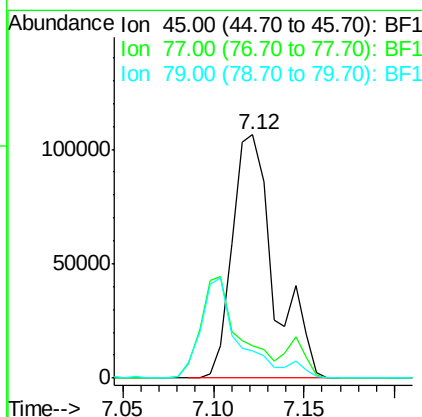
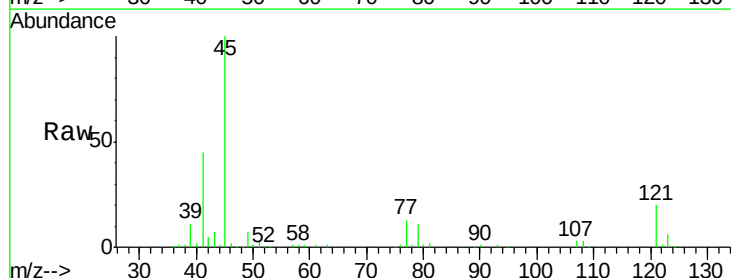
Instrument :
BNA_F
ClientSampleId :

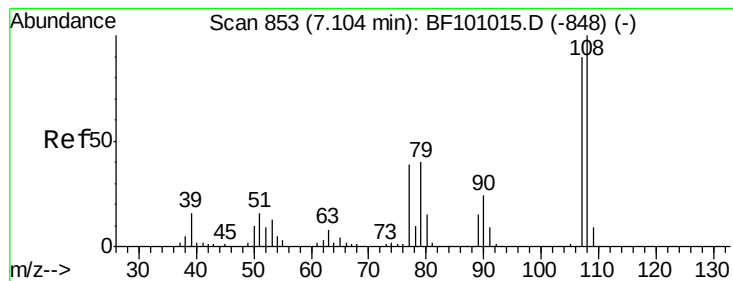
Tot Ion: 79 Resp: 118538
Ion Ratio Lower Upper
79 100
108 80.0 65.1 97.7
77 59.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.14 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion: 45 Resp: 169456
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 11.4 0.0 29.6

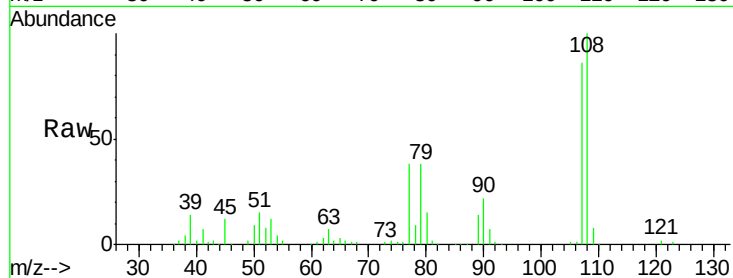




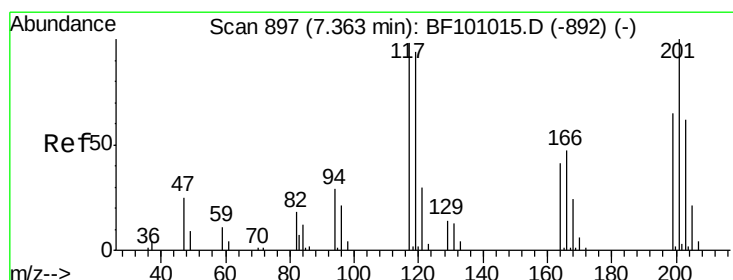
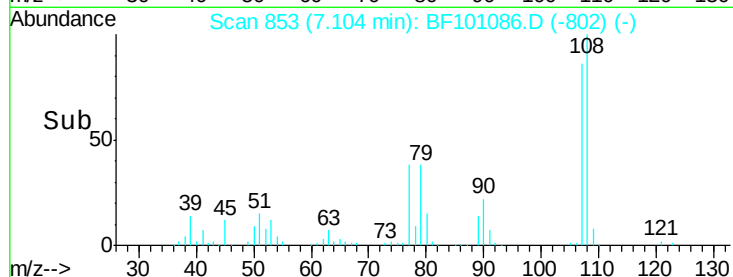
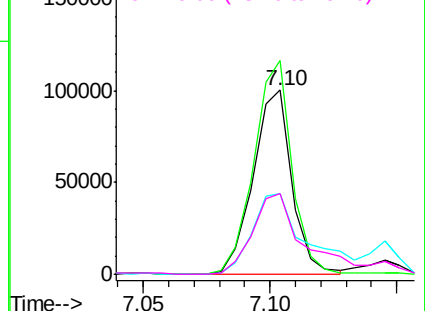
#17
2-Methylphenol
Concen: 40.41 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 106479
Ion Ratio Lower Upper
107 100
108 116.2 91.7 137.5
77 44.1 33.8 50.8
79 43.9 33.8 50.8

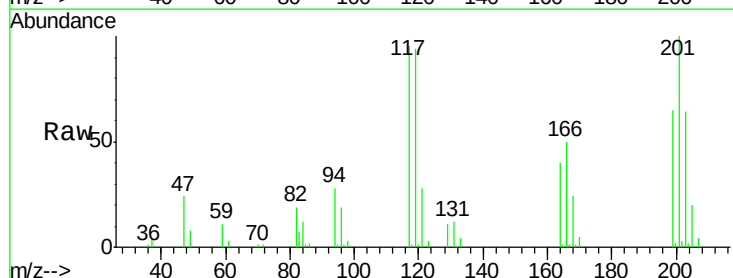


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

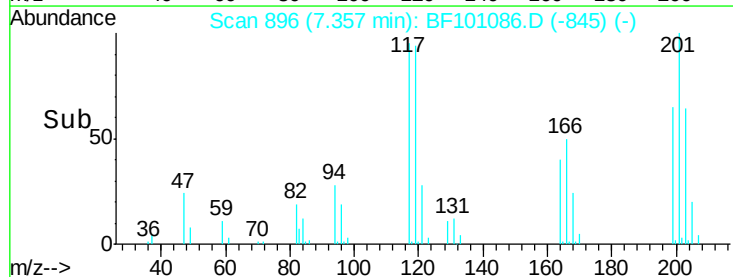
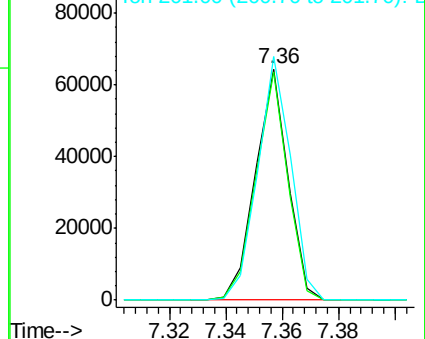


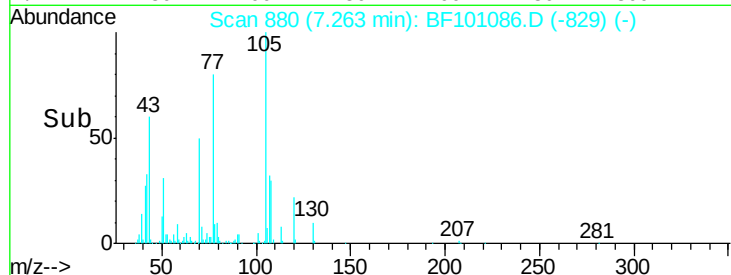
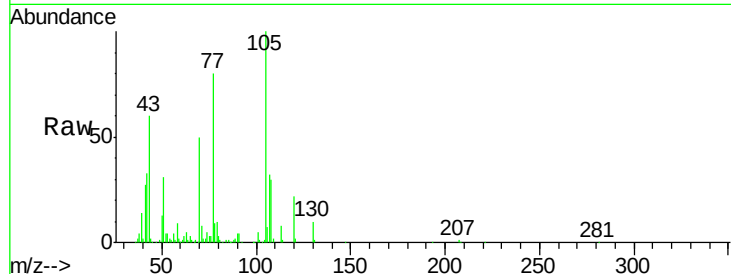
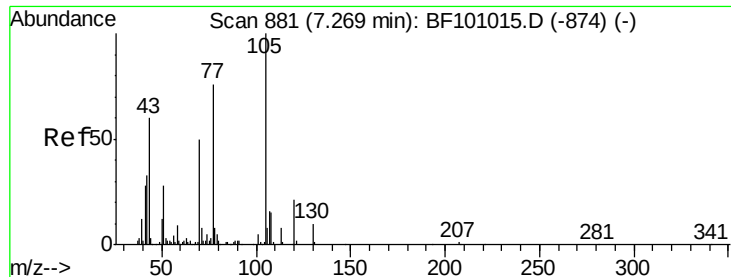
#18
Hexachloroethane
Concen: 40.73 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:117 Resp: 51472
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 105.5 75.7 113.5



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

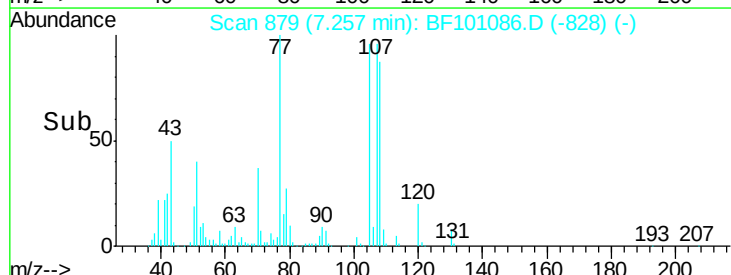
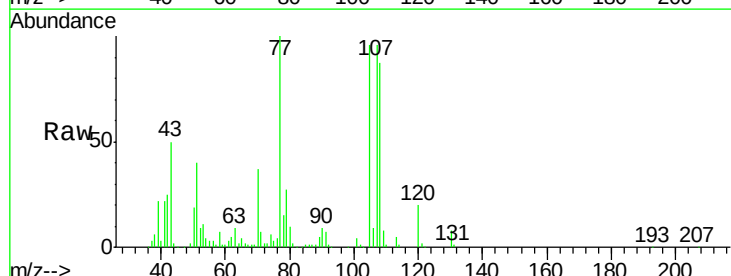
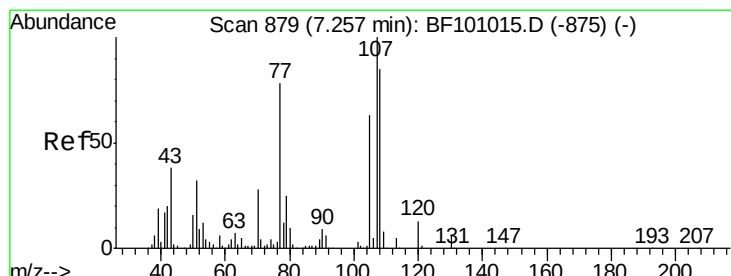
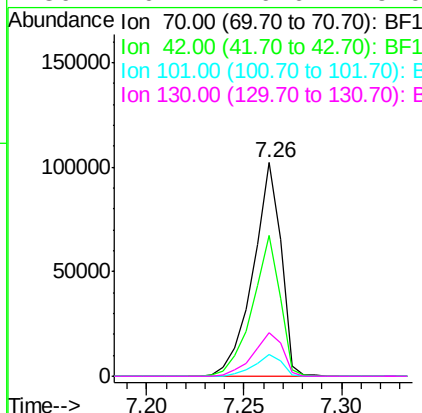




#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

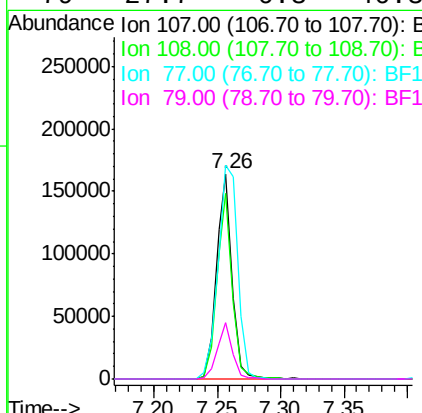
Instrument :
BNA_F
ClientSampleId :

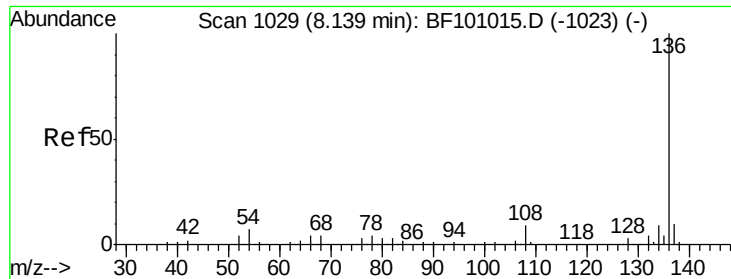
Tot Ion:	70	Resp:	101234
Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	10.1	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.45 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:	107	Resp:	142429
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	104.1	26.7	66.7#
79	27.7	6.3	46.3

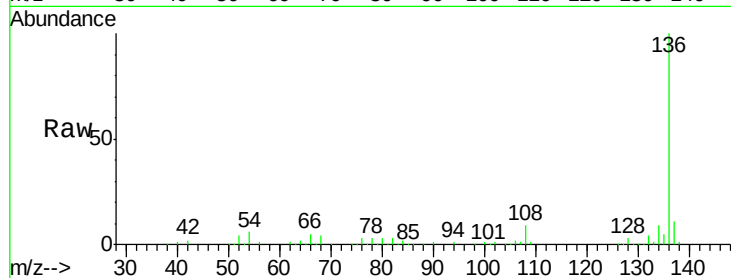




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	205898
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.5	6.6 9.8#
68	4.3	5.0 7.4#

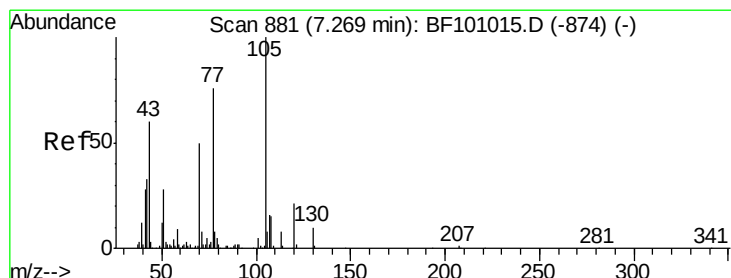
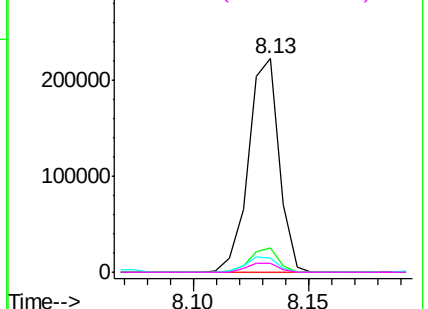
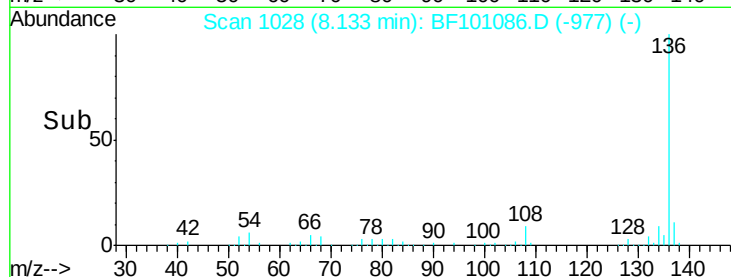


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

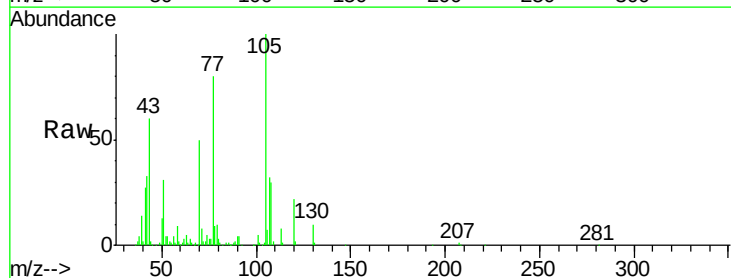
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.19 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:105	Resp:	199928
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	30.7	22.3 33.5
120	22.1	16.9 25.3

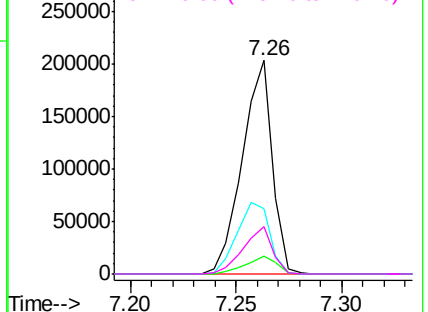
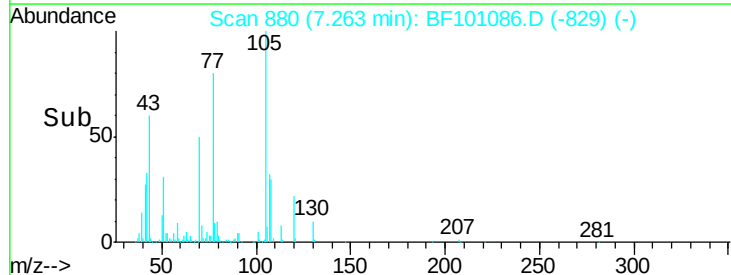


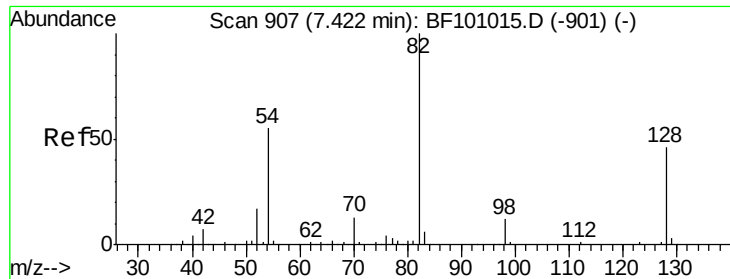
Abundance Ion 105.00 (104.70 to 105.70): E

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

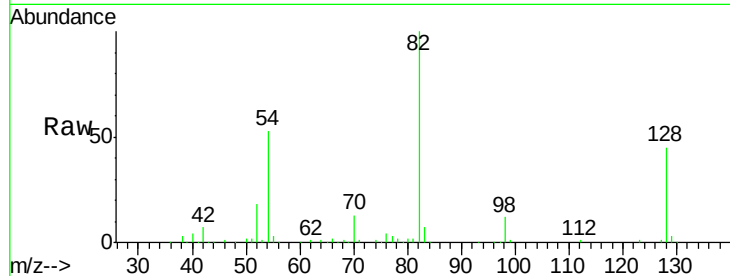




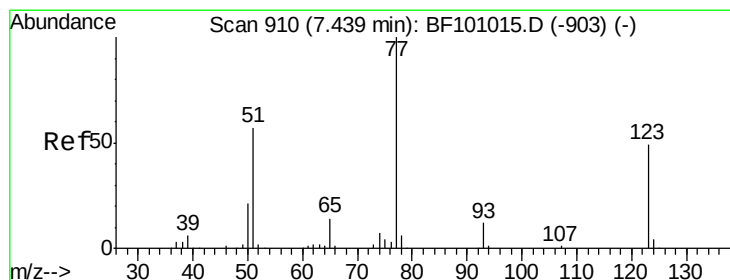
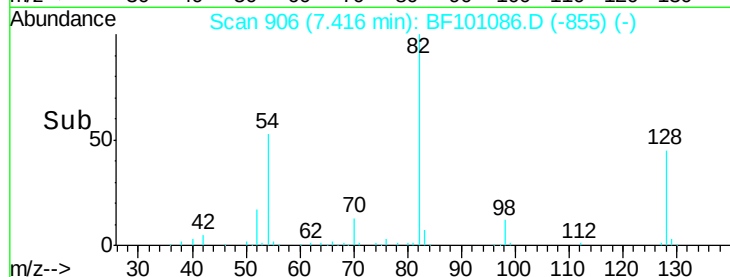
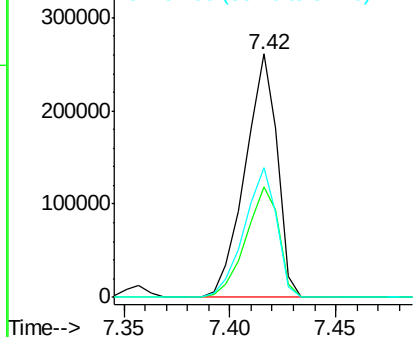
#23
Nitrobenzene-d5
Concen: 79.76 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 275285
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 53.1 41.4 62.2

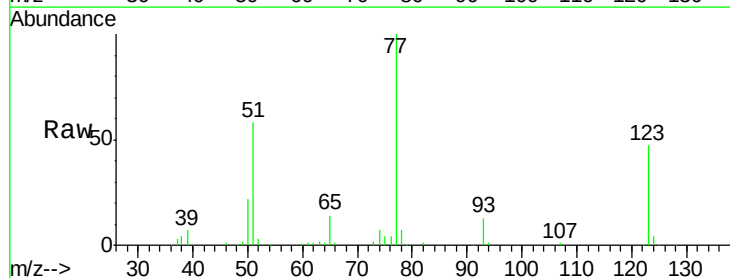


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

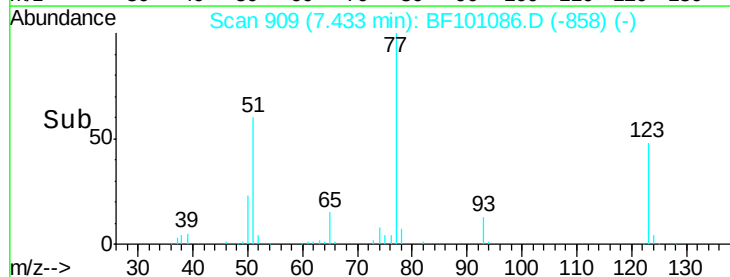
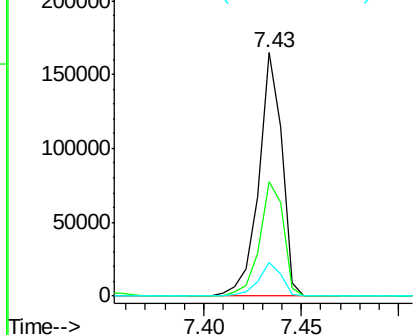


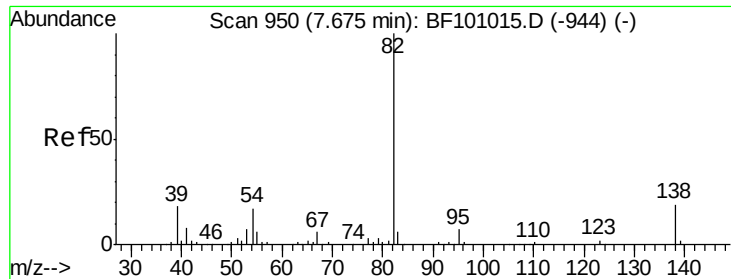
#24
Nitrobenzene
Concen: 40.11 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion: 77 Resp: 135675
Ion Ratio Lower Upper
77 100
123 47.1 37.9 56.9
65 13.9 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: 39.87 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampled :

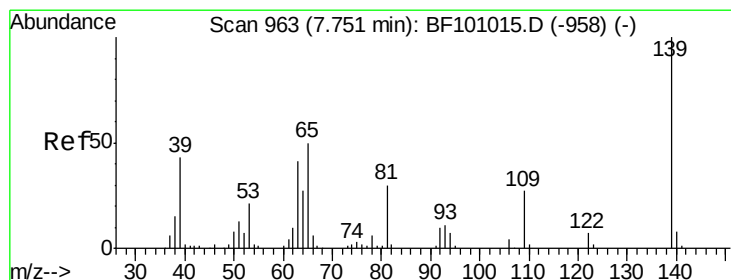
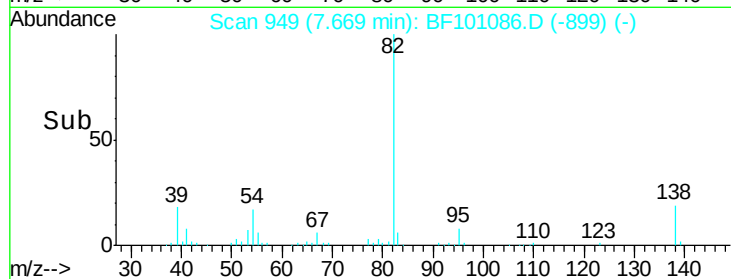
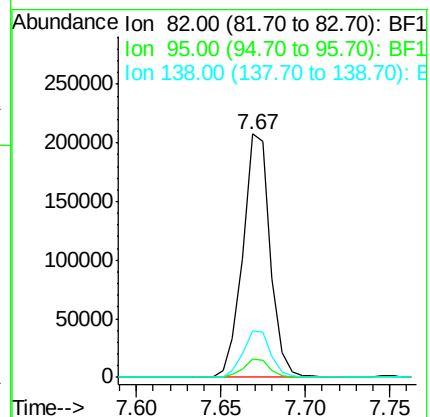
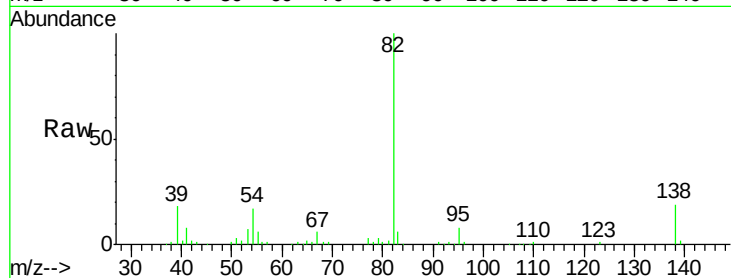
Tot Ion: 82 Resp: 235054

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 40.48 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

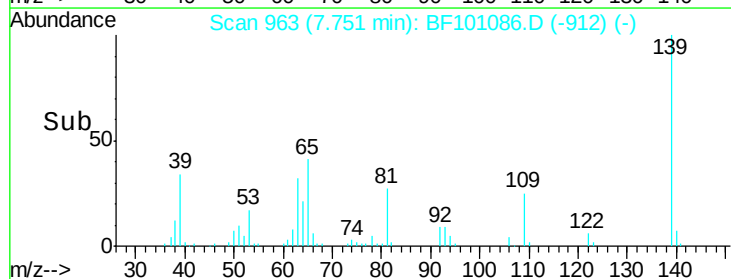
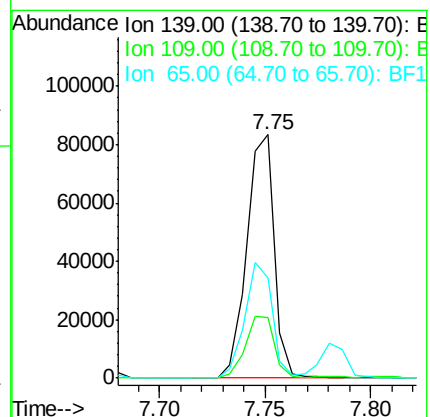
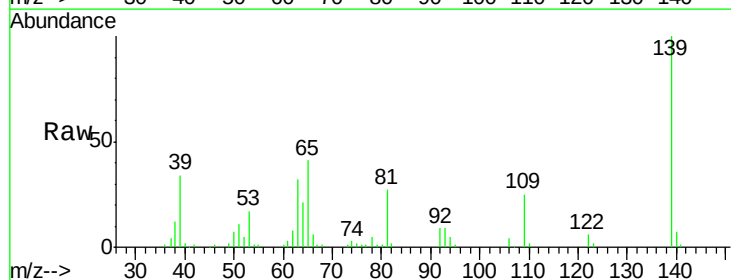
Tgt Ion: 139 Resp: 75164

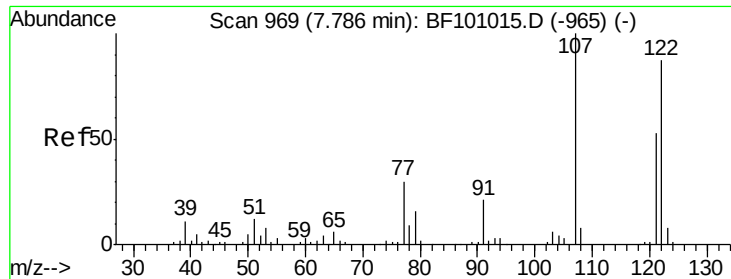
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 41.4 40.5 60.7

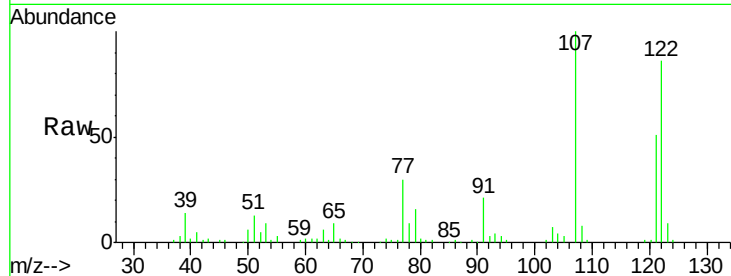




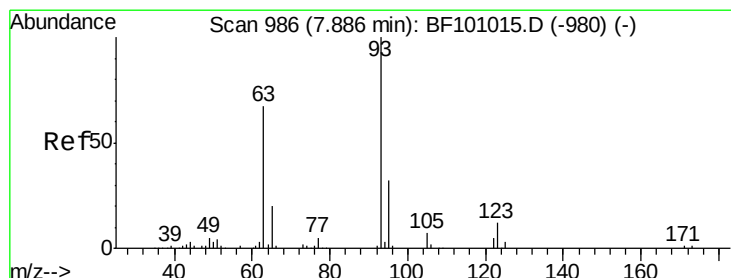
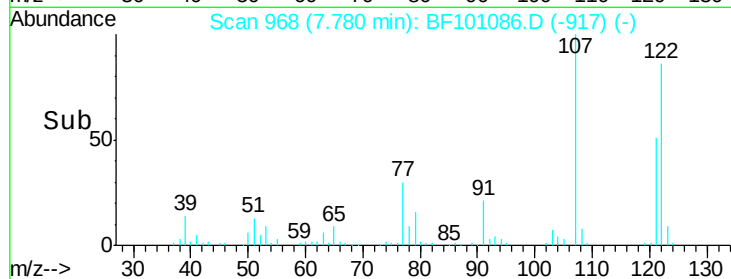
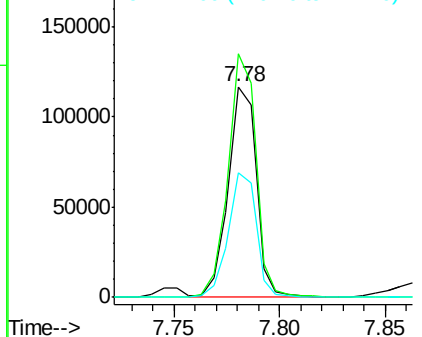
#27
2,4-Dimethylphenol
Concen: 40.16 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 107896
Ion Ratio Lower Upper
122 100
107 115.7 91.2 136.8
121 59.5 47.2 70.8

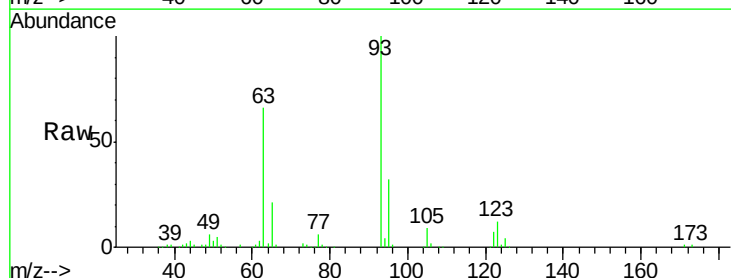


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

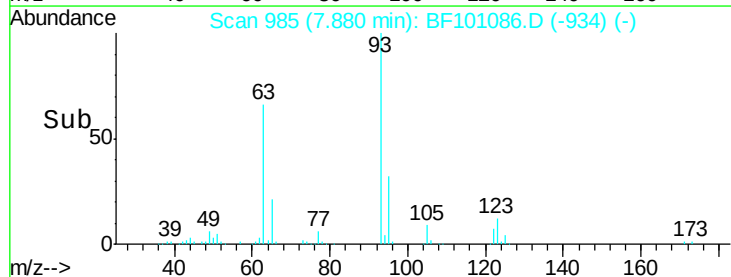
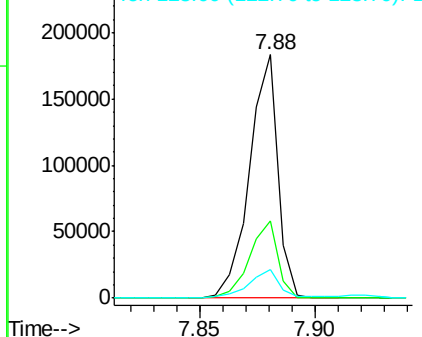


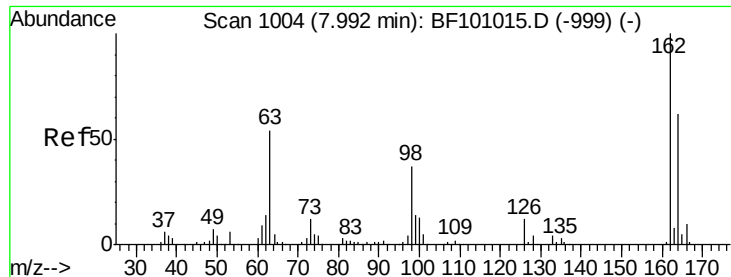
#28
bis(2-Chloroethoxy)methane
Concen: 39.81 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion: 93 Resp: 157743
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 11.7 9.8 14.6



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

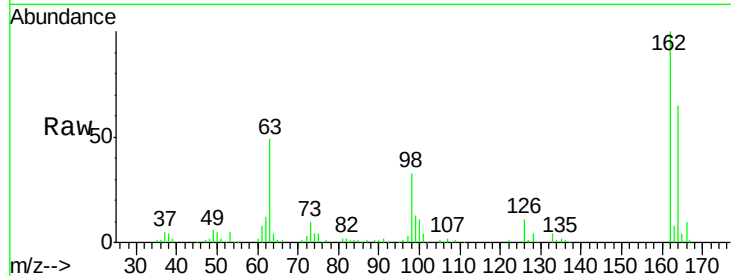




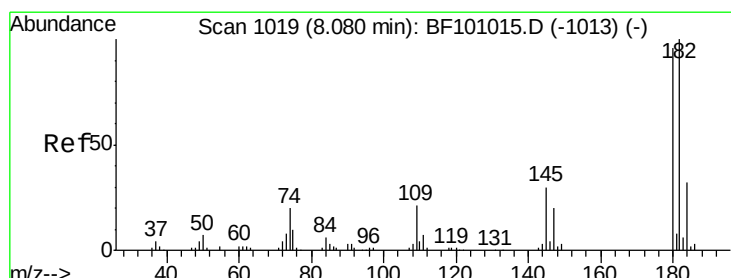
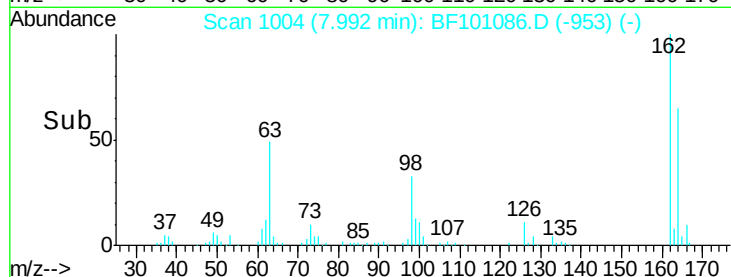
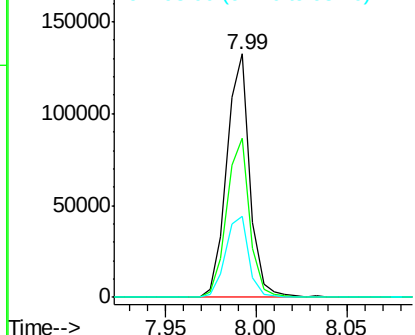
#29
2,4-Dichlorophenol
Concen: 40.17 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 117460
Ion Ratio Lower Upper
162 100
164 65.5 42.7 82.7
98 33.3 18.1 58.1

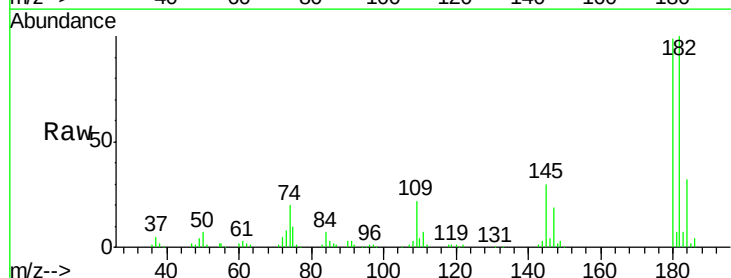


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

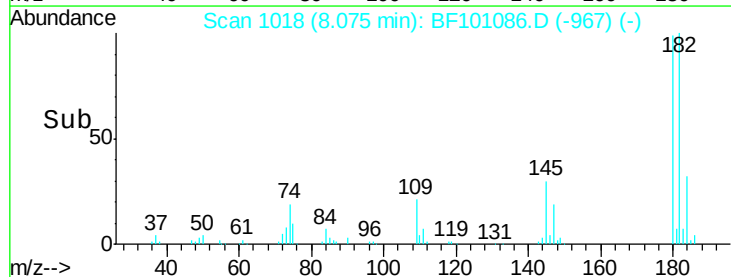
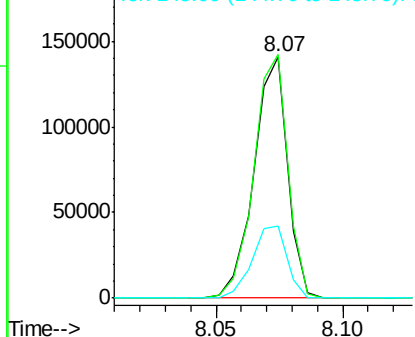


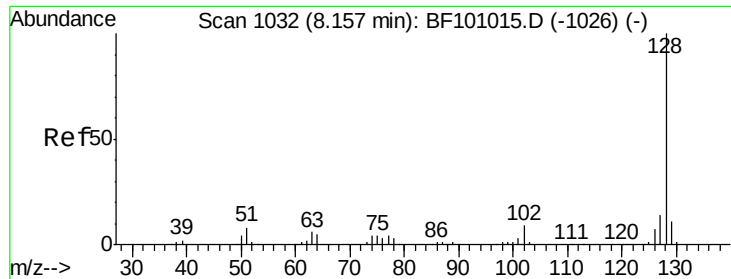
#30
1,2,4-Trichlorobenzene
Concen: 40.53 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:180 Resp: 130321
Ion Ratio Lower Upper
180 100
182 100.9 76.8 115.2
145 29.9 26.5 39.7



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

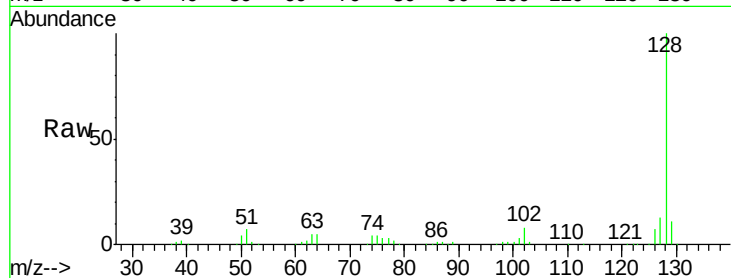




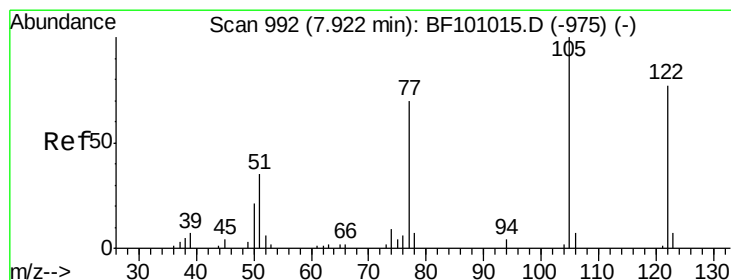
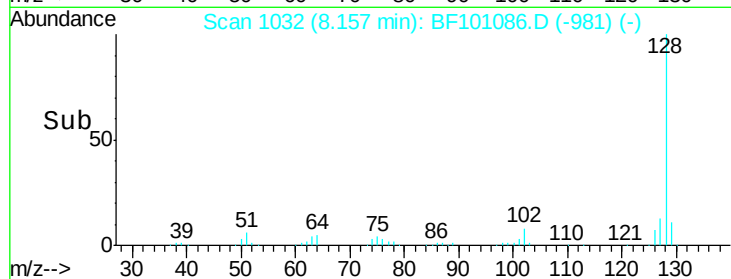
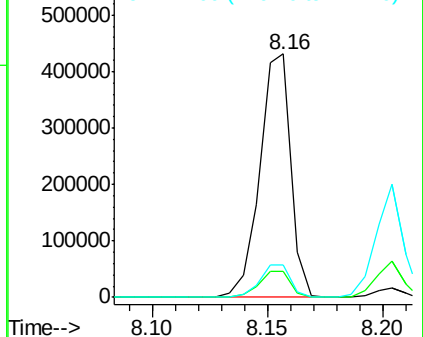
#31
Naphthalene
Concen: 39.72 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 403100
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.9 16.3

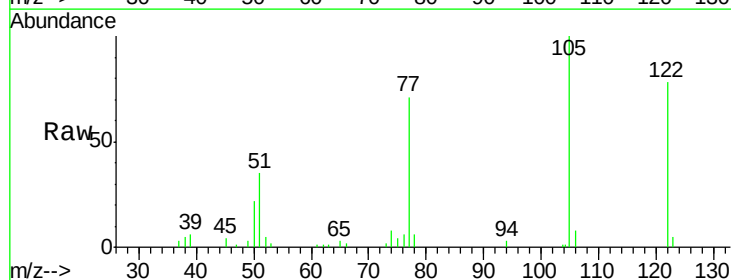


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

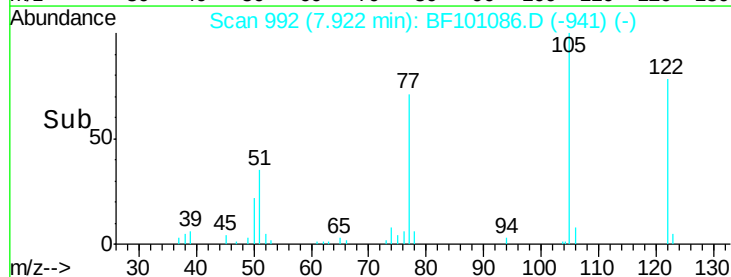
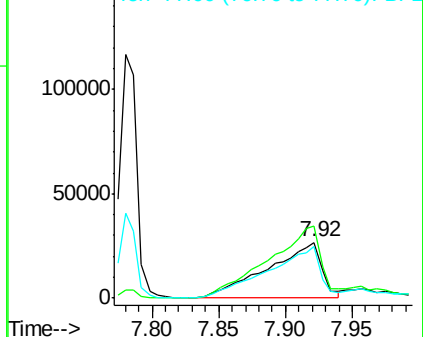


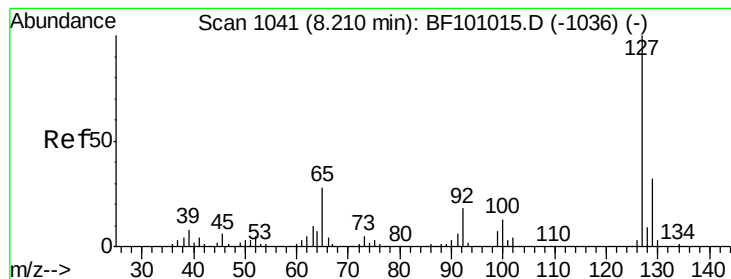
#32
Benzoic acid
Concen: 35.99 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:122 Resp: 75201
Ion Ratio Lower Upper
122 100
105 128.3 101.1 141.1
77 91.3 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: 40.34 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 164469

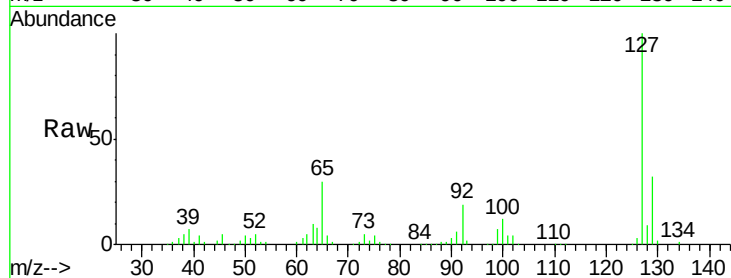
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 30.2 25.0 37.4

92 19.1 15.2 22.8

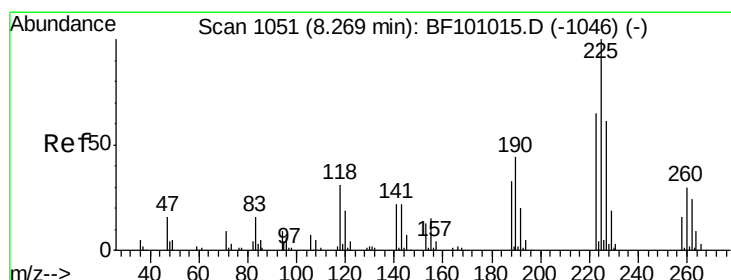
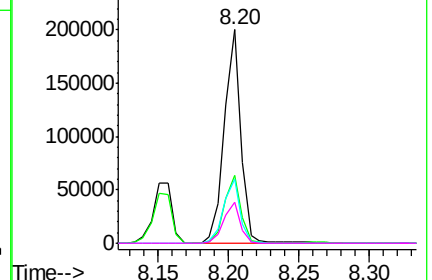
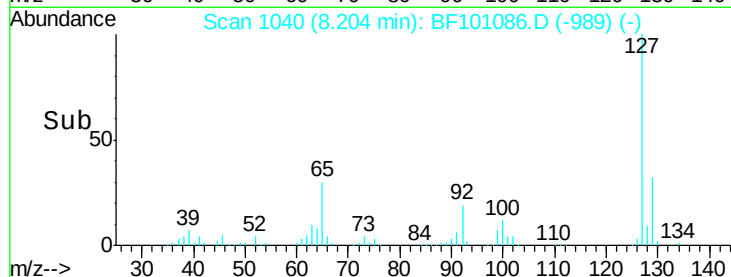


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.80 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

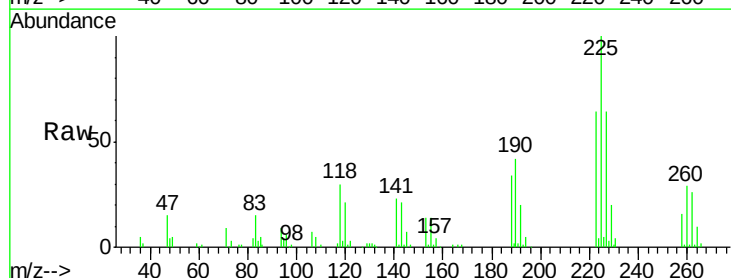
Tgt Ion:225 Resp: 78493

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

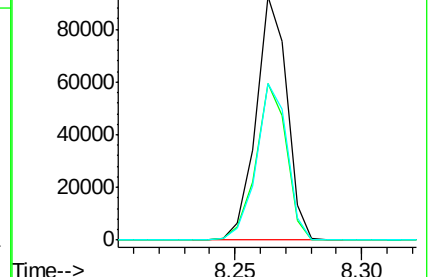
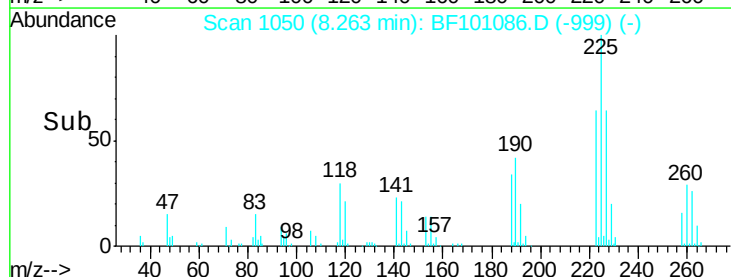
227 64.1 51.9 77.9

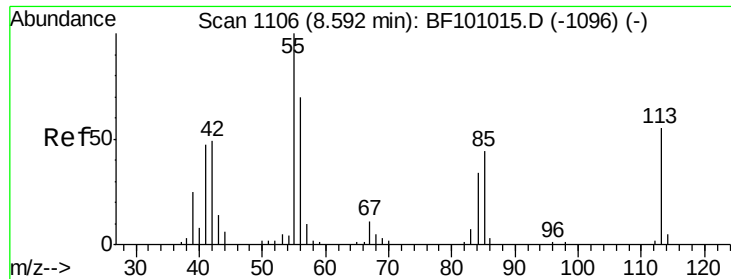


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

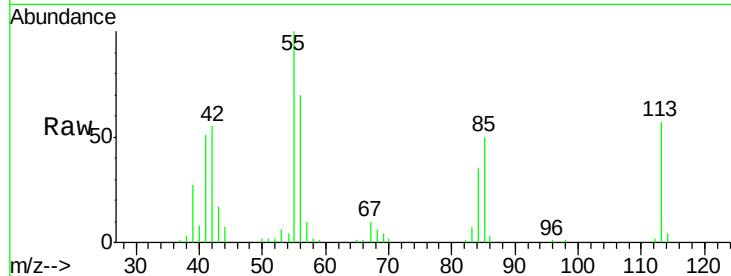




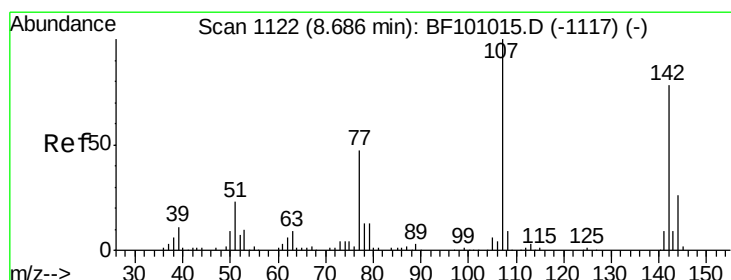
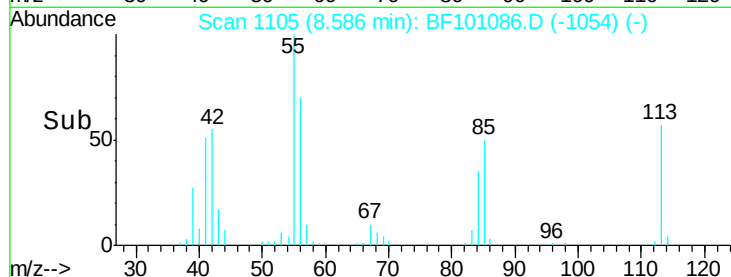
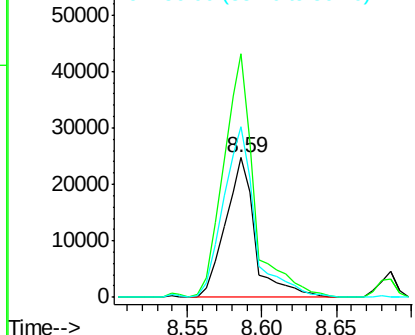
#35
 Caprolactam
 Concen: 38.19 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 34798
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.3 203.3
 56 122.4 115.7 155.7

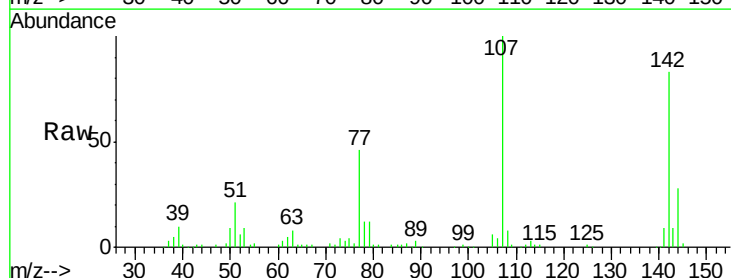


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

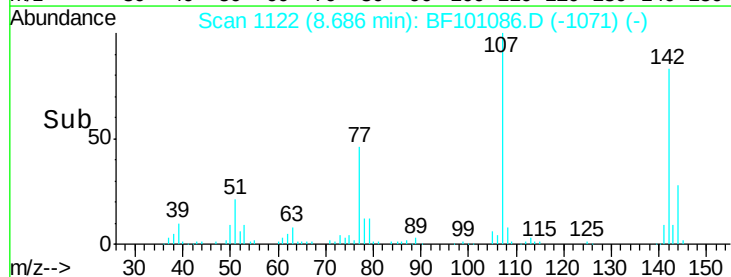
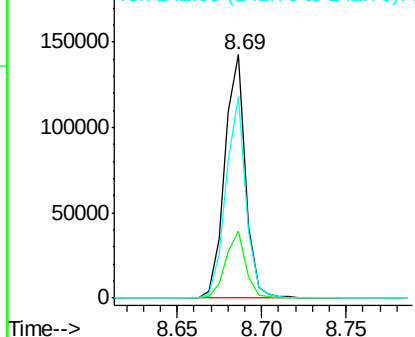


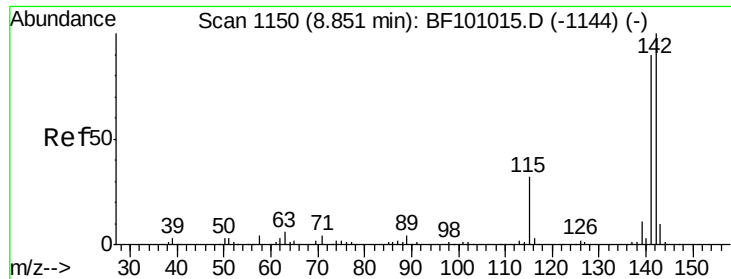
#36
 4-Chloro-3-methylphenol
 Concen: 40.18 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:107 Resp: 121709
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 82.8 62.0 93.0



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

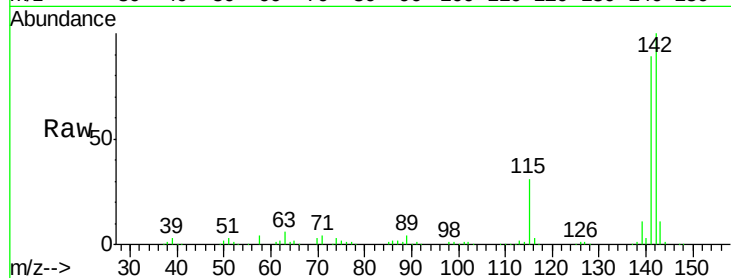




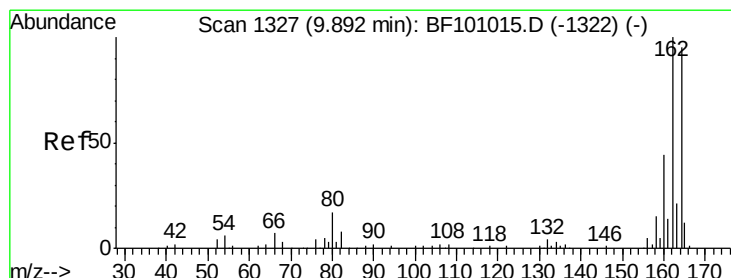
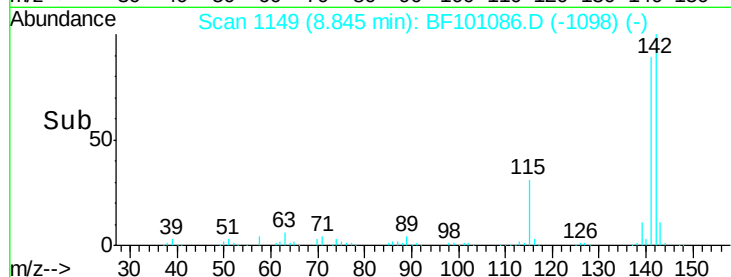
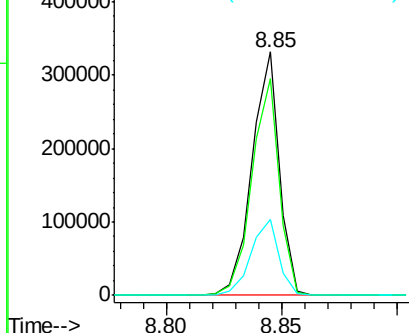
#37
2-Methylnaphthalene
Concen: 39.78 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.2	26.1	39.1

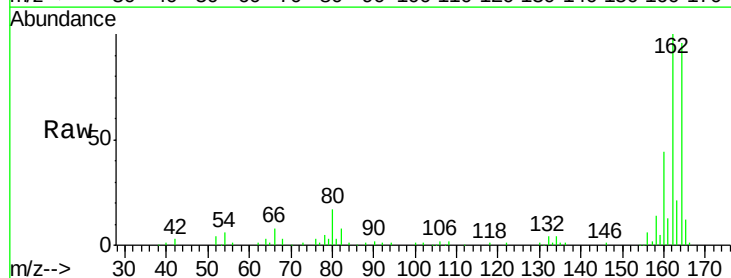


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

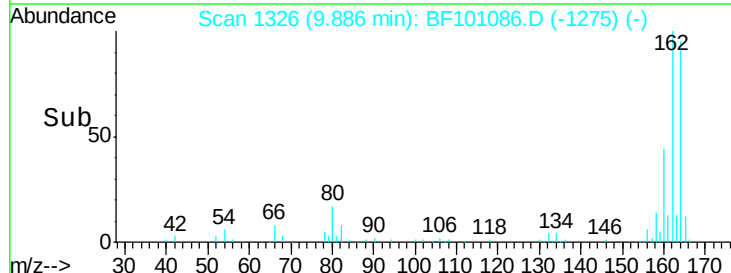
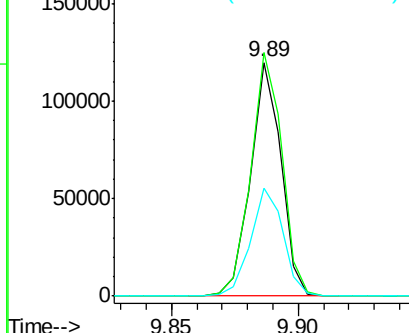


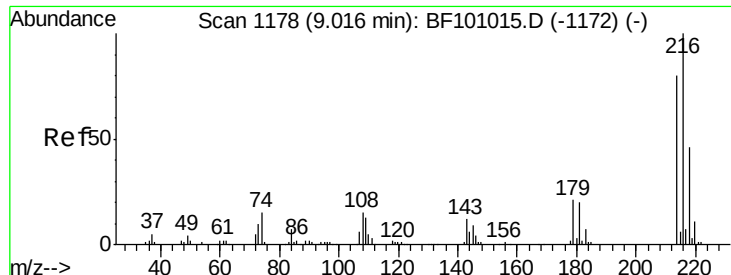
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5



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

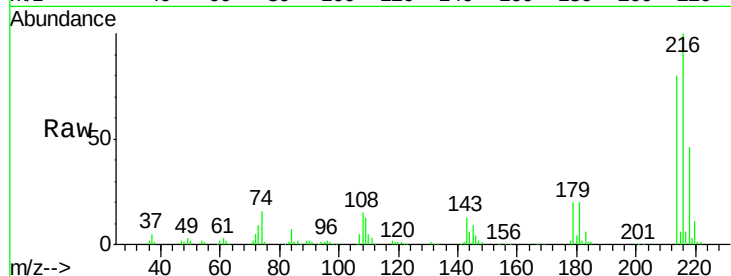




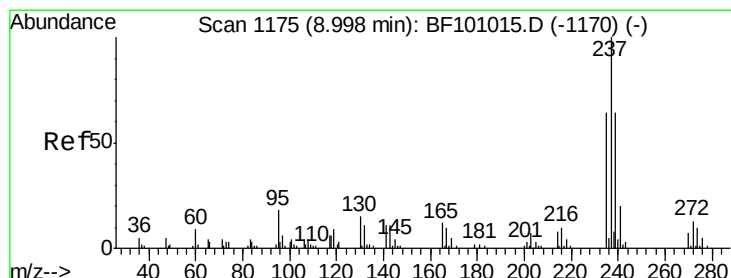
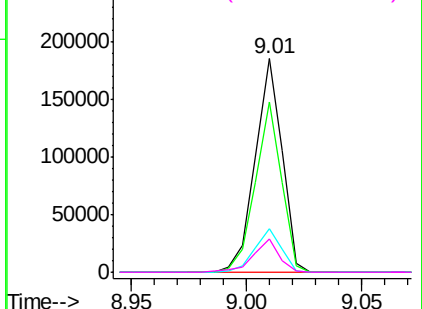
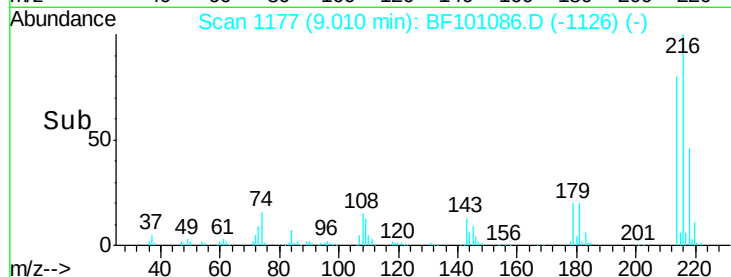
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.36 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	150850
Ion Ratio		Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.3	18.1	27.1
108	15.4	17.2	25.8

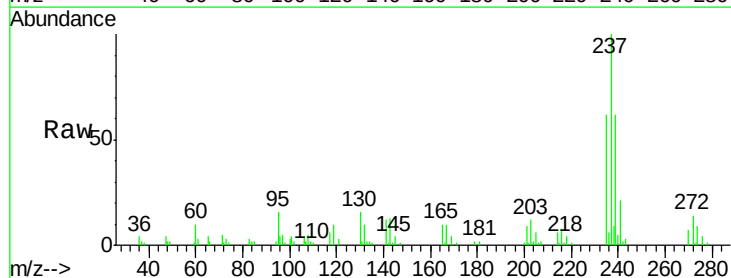


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

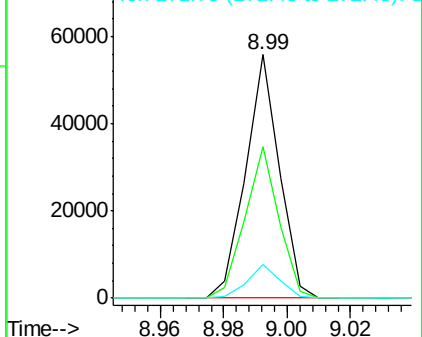
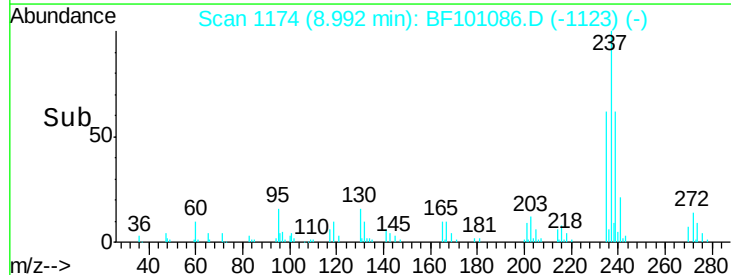


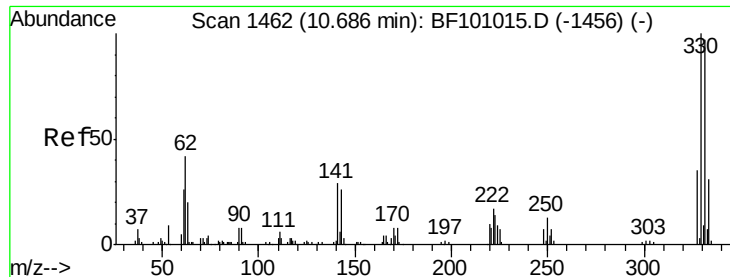
#40
 Hexachlorocyclopentadiene
 Concen: 35.82 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:	237	Resp:	40932
Ion Ratio		Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.7	0.0	33.3



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

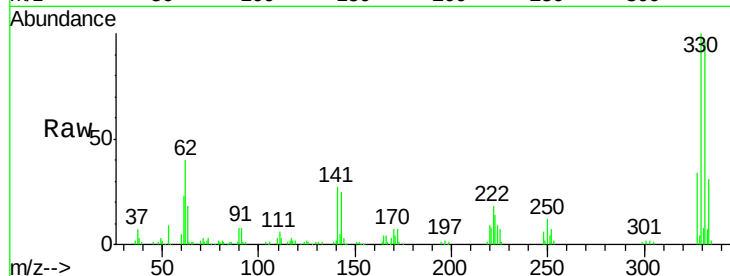




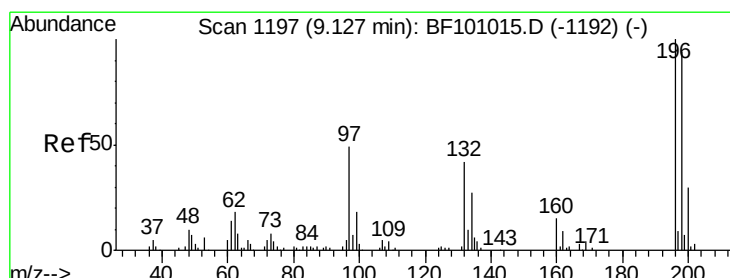
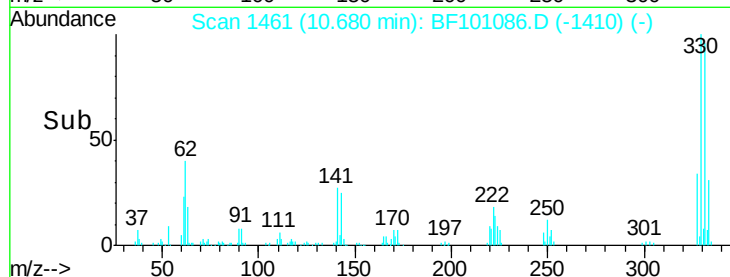
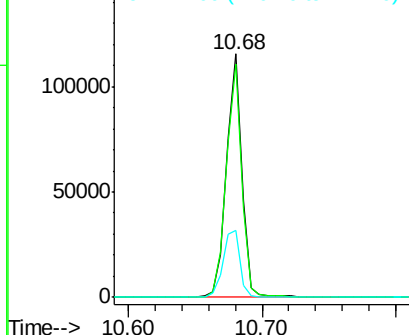
#41
 2,4,6-Tribromophenol
 Concen: 79.20 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	30.0	29.9	44.9

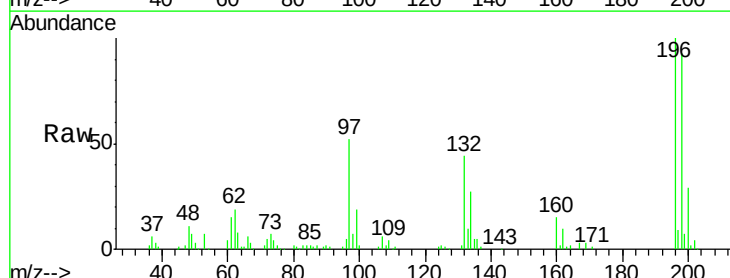


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

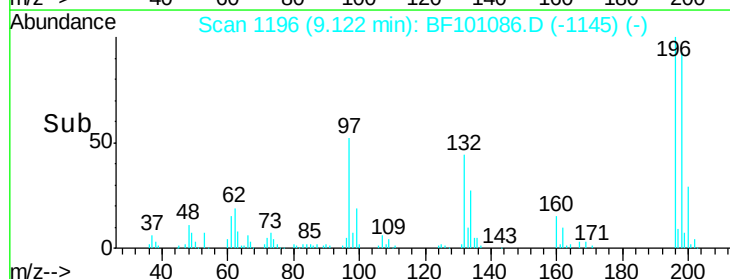
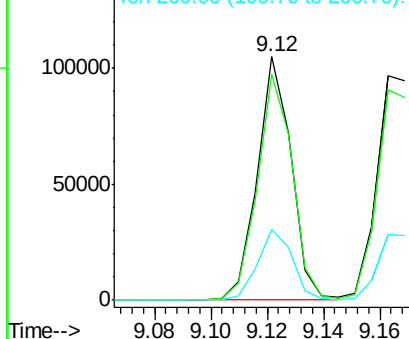


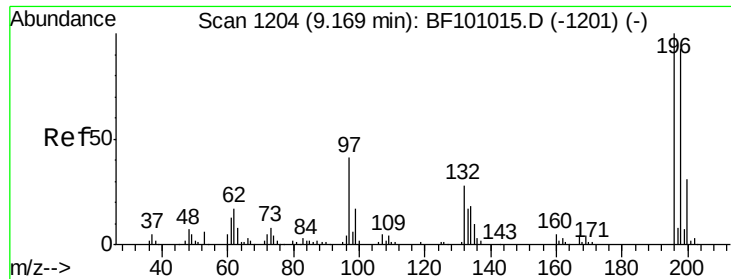
#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.7	113.5
200	29.3	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

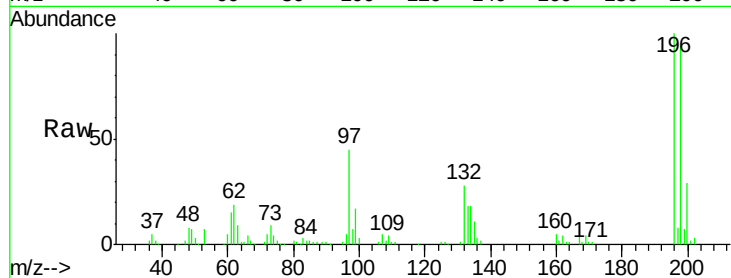




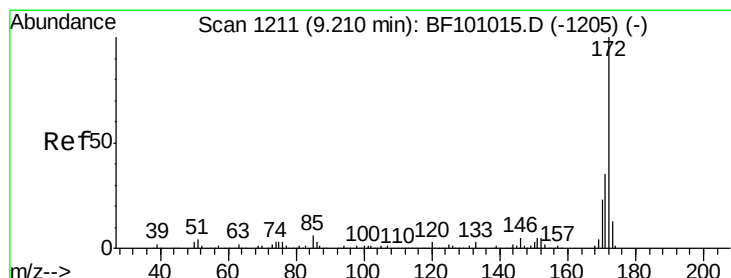
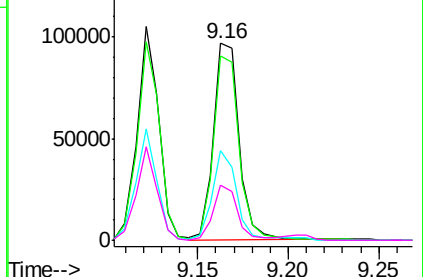
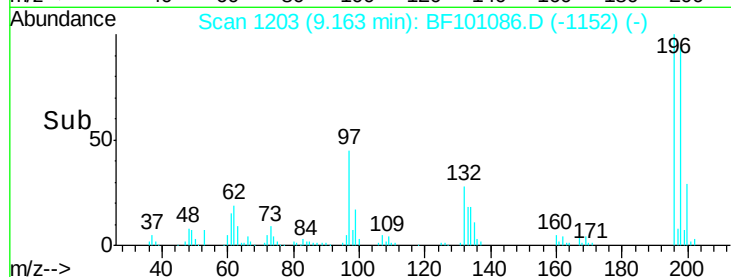
#43
 2,4,5-Trichlorophenol
 Concen: 41.54 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 94945
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 45.5 42.9 64.3
 132 27.9 26.3 39.5

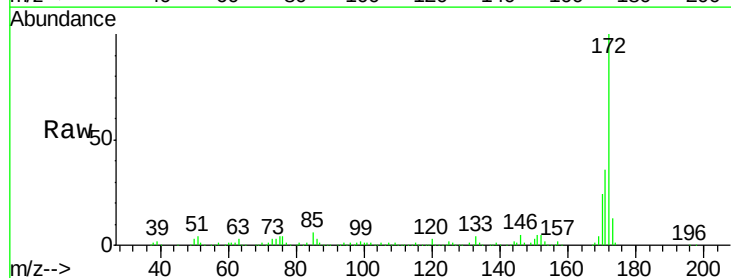


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

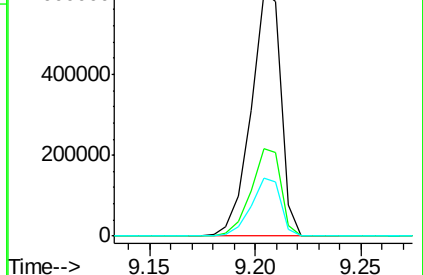
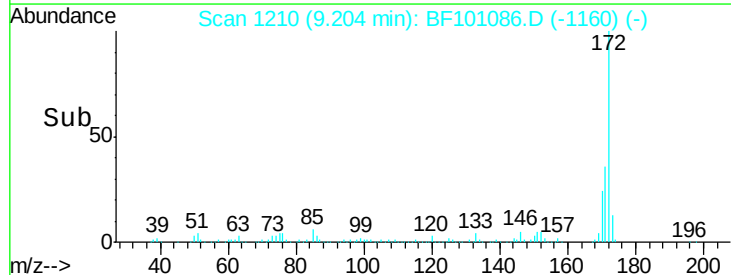


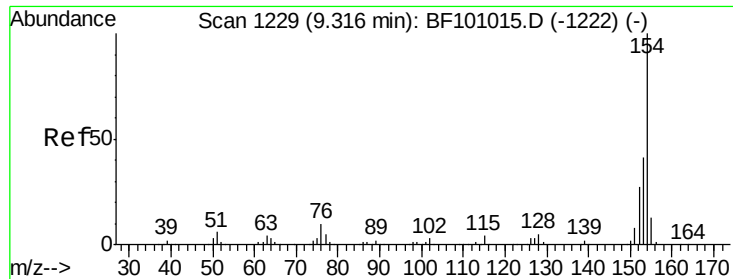
#44
 2-Fluorobiphenyl
 Concen: 81.62 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:172 Resp: 598903
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 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

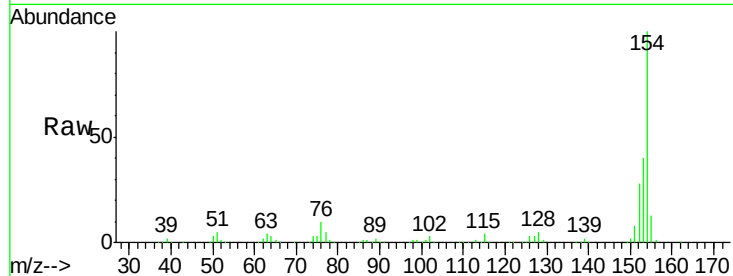




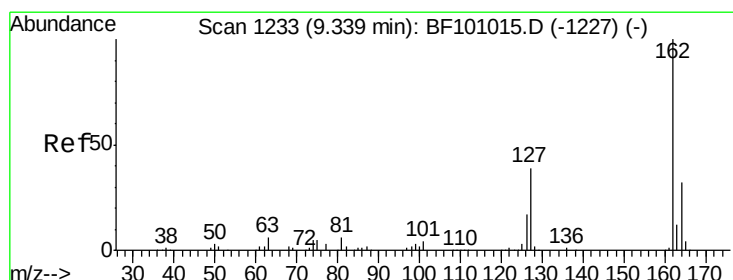
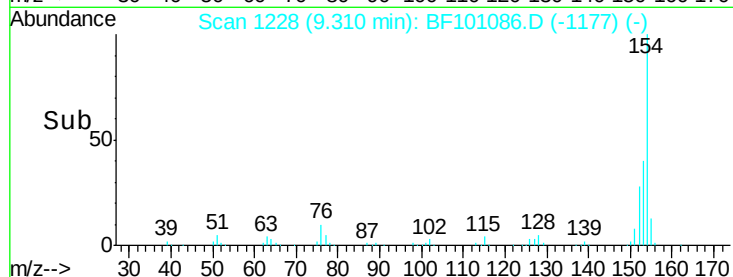
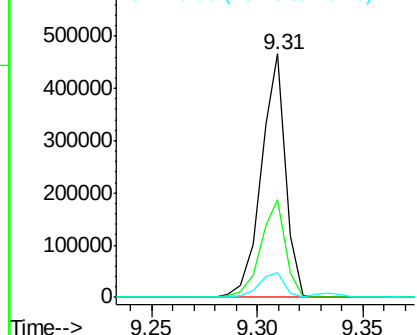
#45
1,1'-Biphenyl
Concen: 40.39 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 371508
Ion Ratio Lower Upper
154 100
153 40.3 21.3 61.3
76 10.4 0.0 34.0

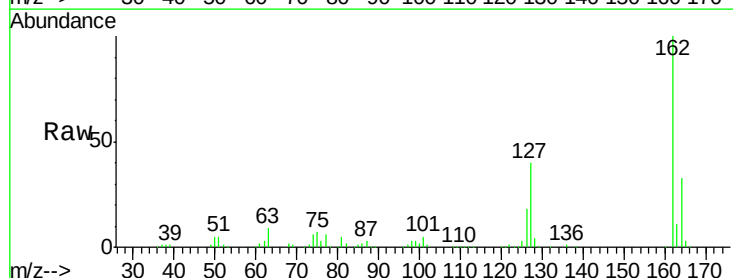


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

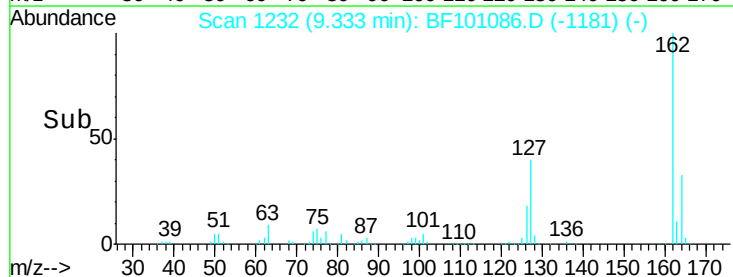
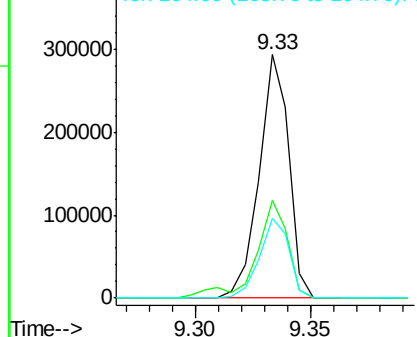


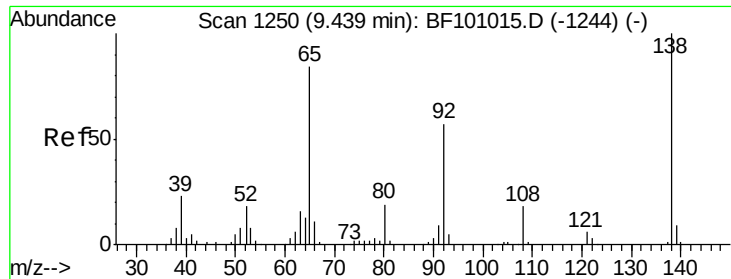
#46
2-Chloronaphthalene
Concen: 40.21 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:162 Resp: 262677
Ion Ratio Lower Upper
162 100
127 40.1 33.9 50.9
164 32.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

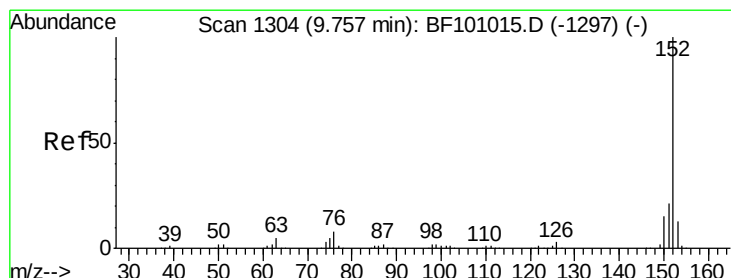
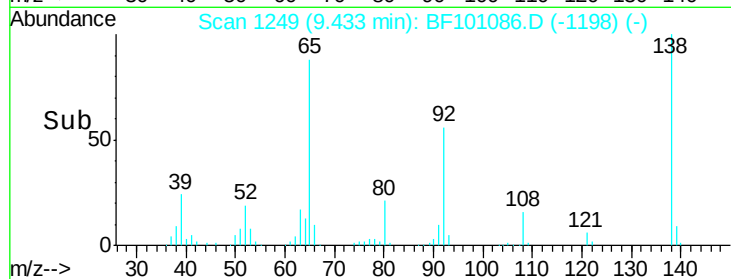
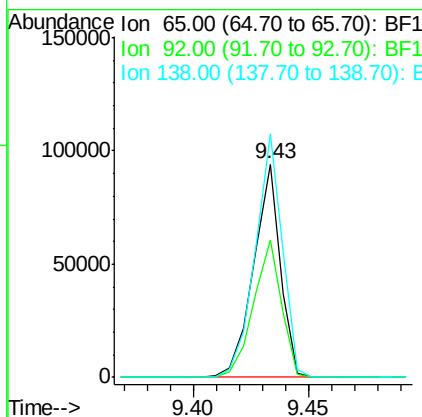
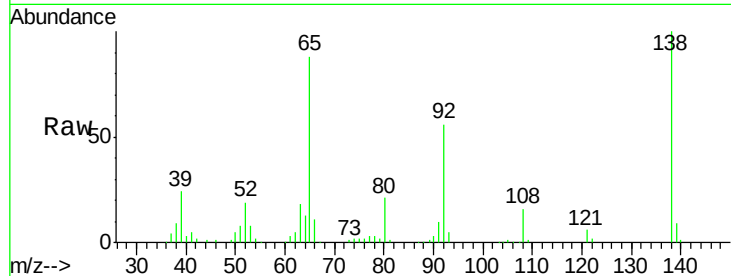




#47
 2-Nitroaniline
 Concen: 39.68 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

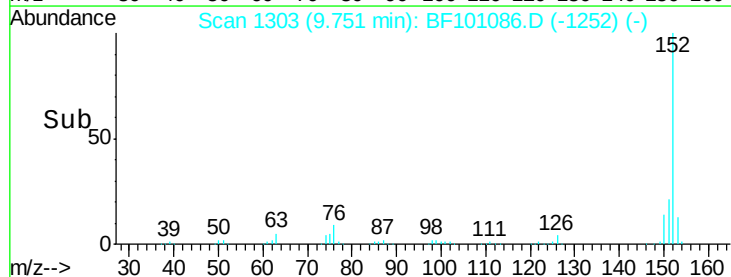
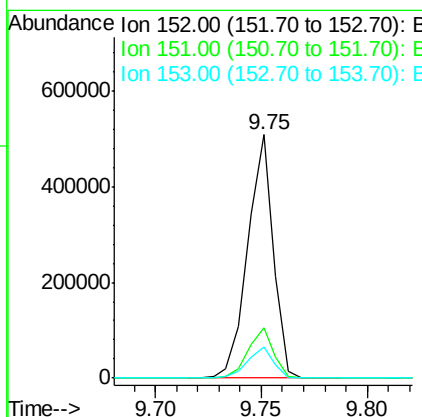
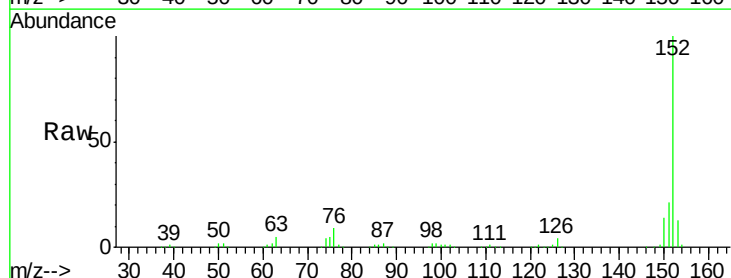
Instrument :
 BNA_F
 ClientSampleId :

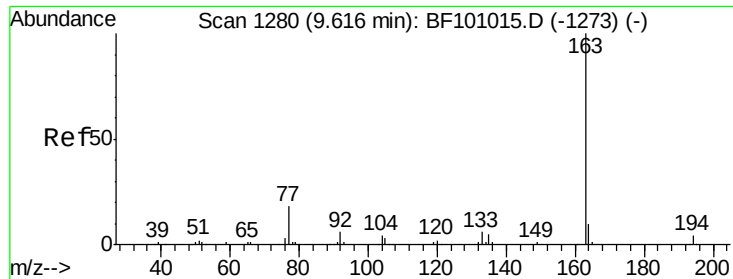
Tot Ion: 65 Resp: 76686
 Ion Ratio Lower Upper
 65 100
 92 64.4 55.8 83.6
 138 114.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.81 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion: 152 Resp: 427383
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.0 10.7 16.1

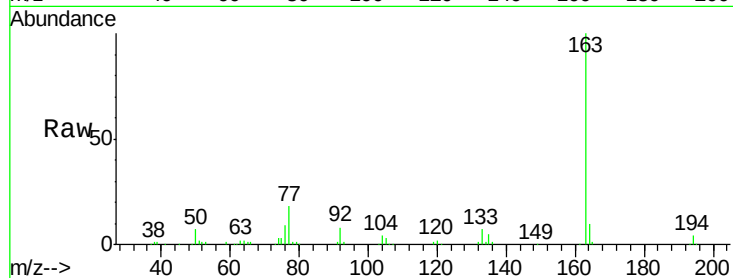




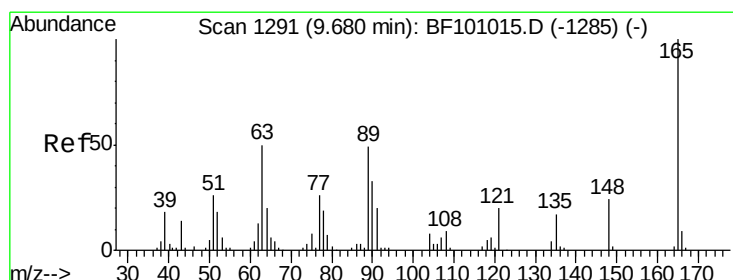
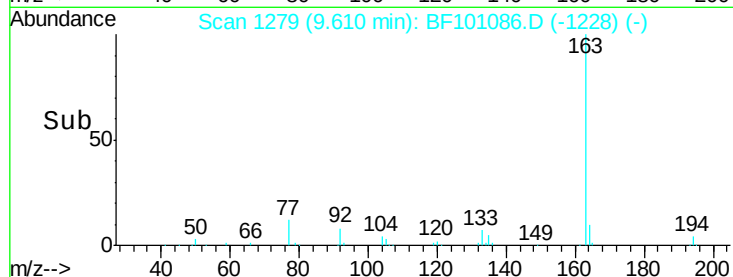
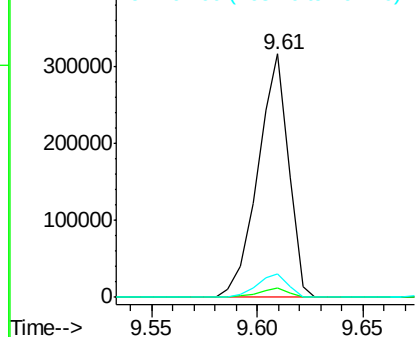
#49
Dimethylphthalate
Concen: 39.39 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 318885
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.6 8.2 12.2

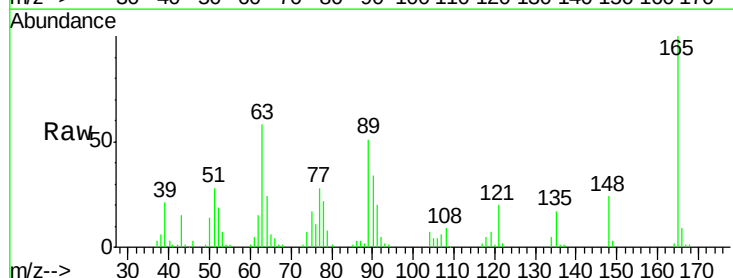


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

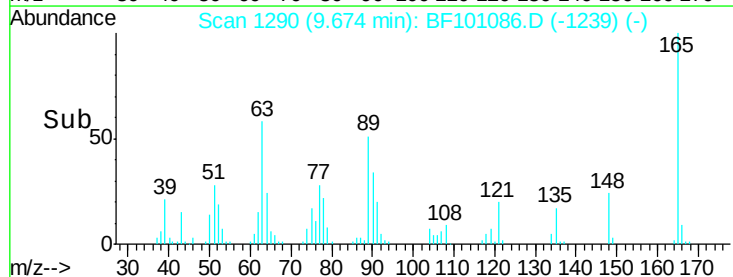
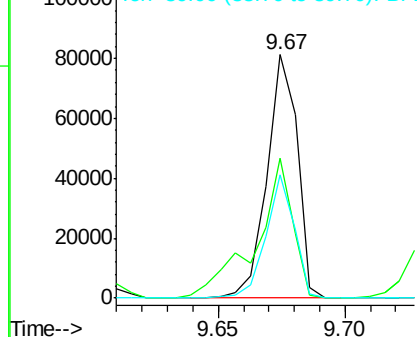


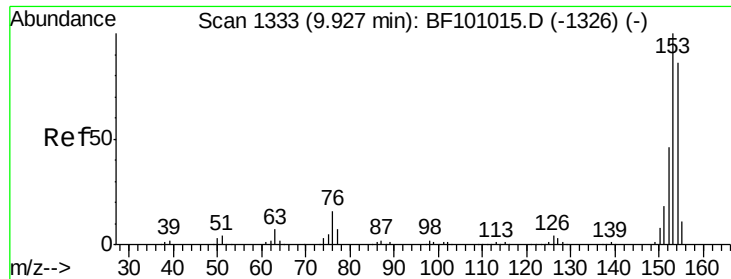
#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:165 Resp: 68156
Ion Ratio Lower Upper
165 100
63 57.7 44.7 67.1
89 50.9 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

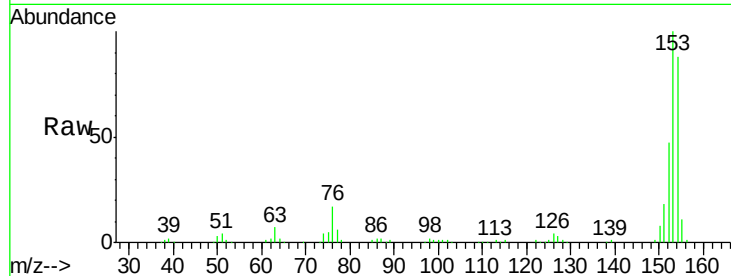




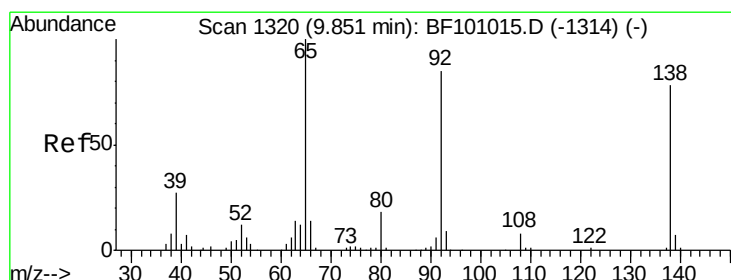
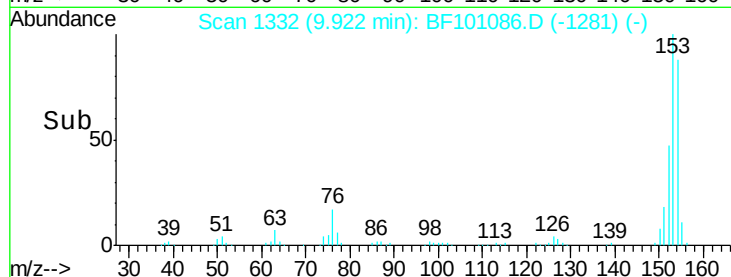
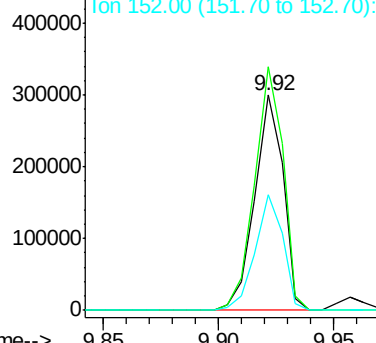
#51
Acenaphthene
Concen: 39.63 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 254754
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 53.6 43.8 65.8

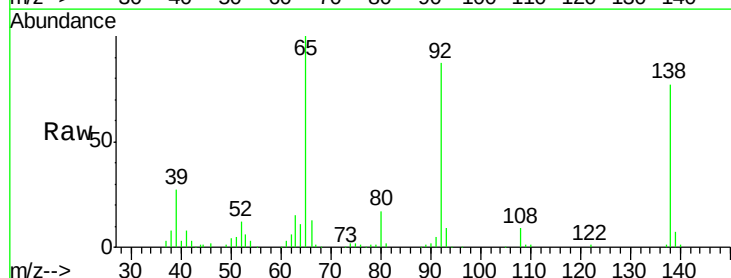


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

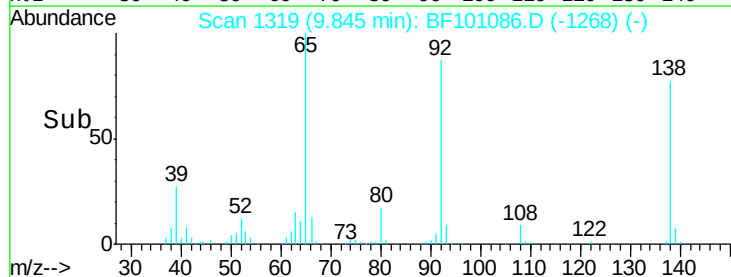
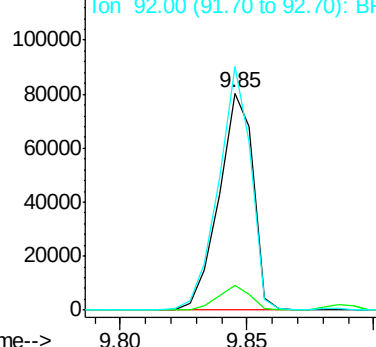


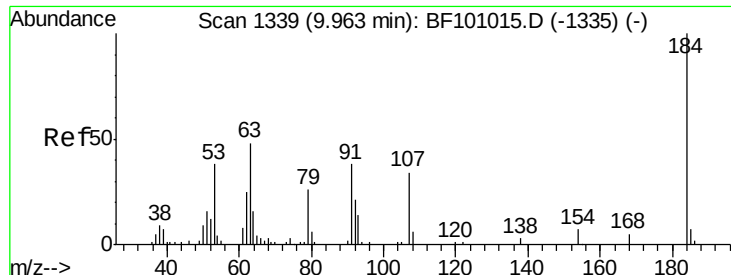
#52
3-Nitroaniline
Concen: 39.29 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:138 Resp: 75344
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 112.3 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

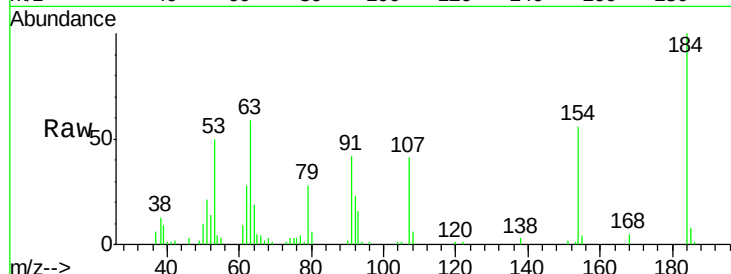




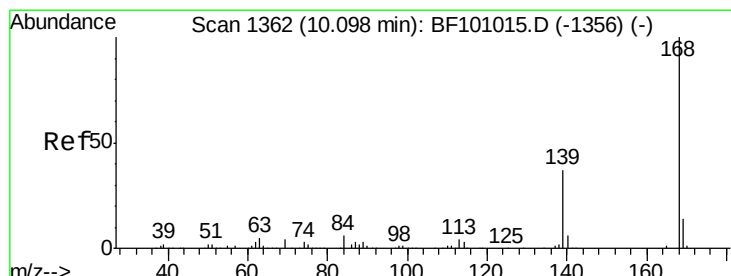
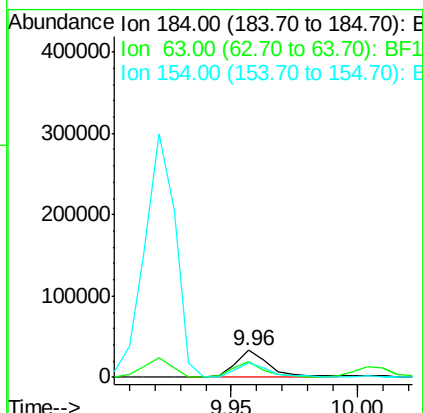
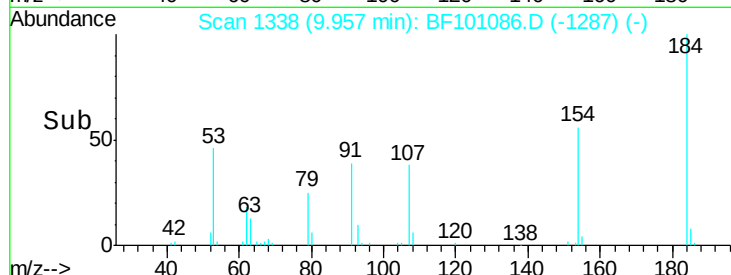
#53
2,4-Dinitrophenol
Concen: 36.86 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 29893
Ion Ratio Lower Upper
184 100
63 58.9 54.2 81.2
154 56.1 184.0 276.0#

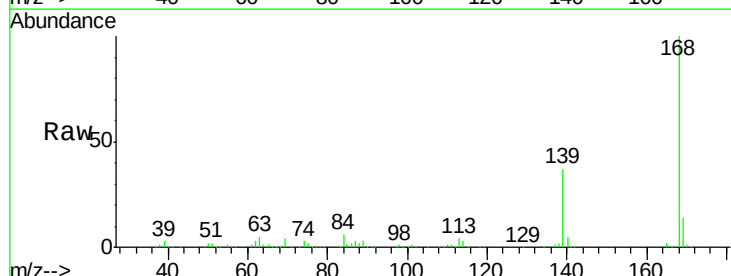


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

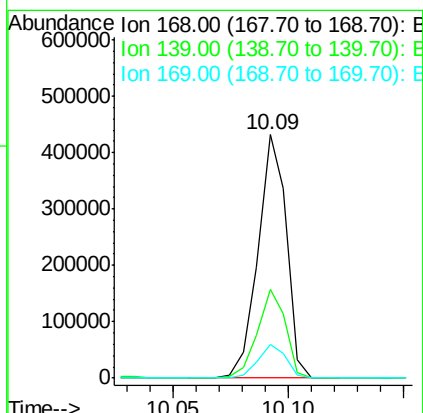
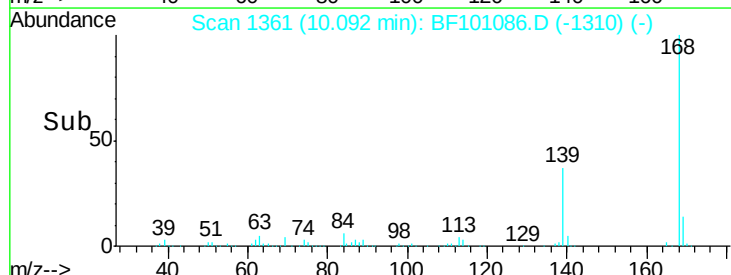


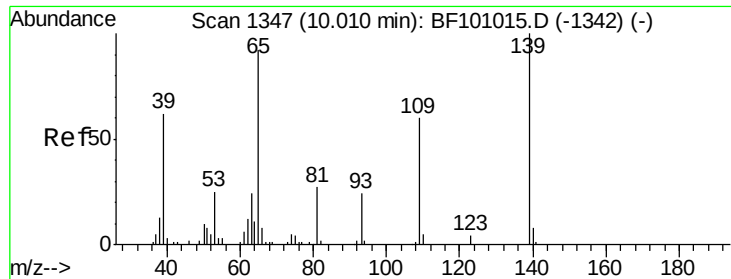
#54
Dibenzofuran
Concen: 39.98 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:168 Resp: 370358
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.9 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

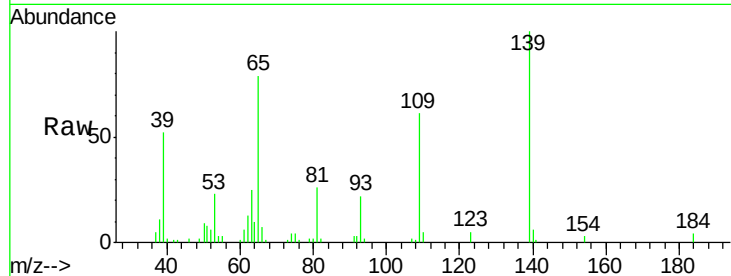




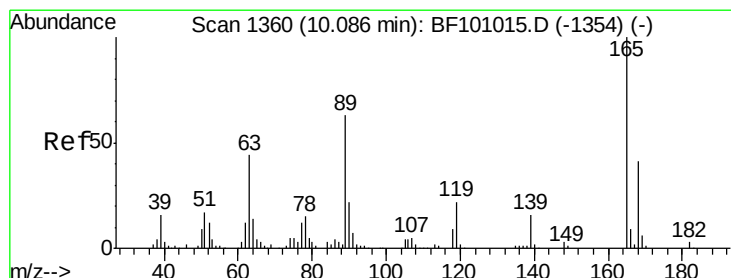
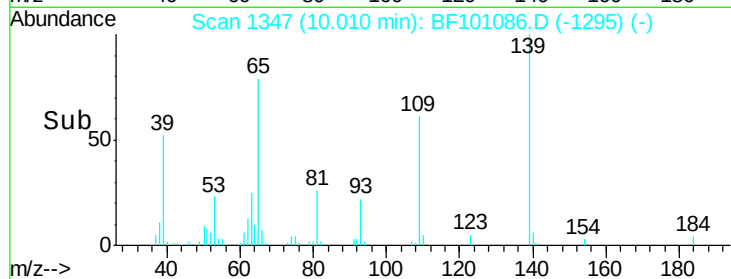
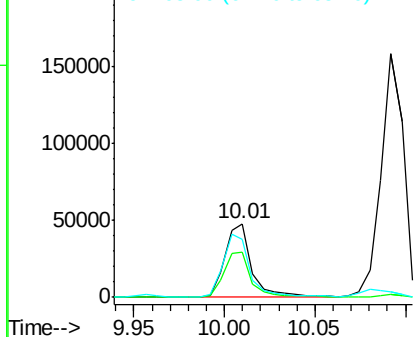
#55
4-Nitrophenol
Concen: 38.22 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.5	48.4	88.4
65	79.3	72.6	112.6



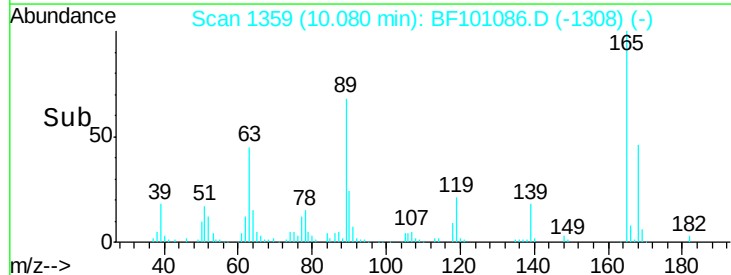
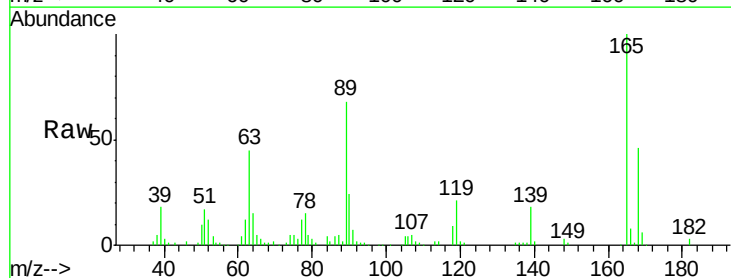
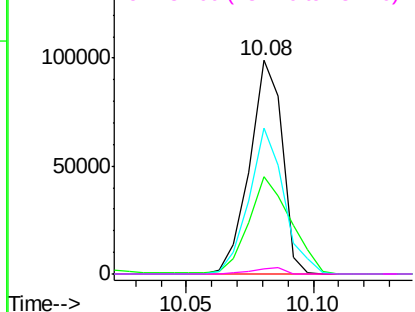
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

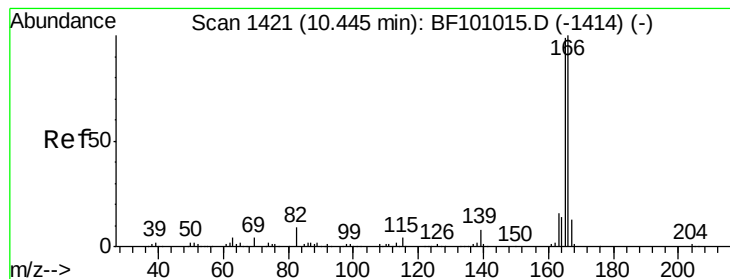


#56
2,4-Dinitrotoluene
Concen: 39.01 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	36.4	54.6
89	68.2	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: 39.47 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampled :

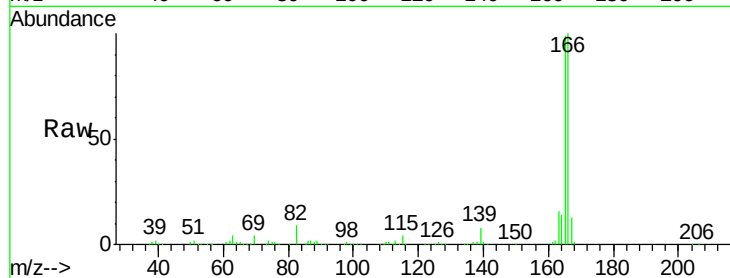
Tot Ion:166 Resp: 297259

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

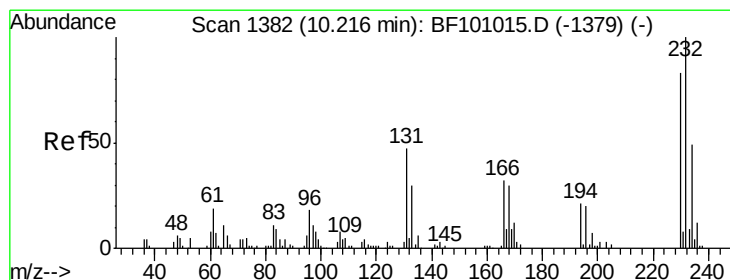
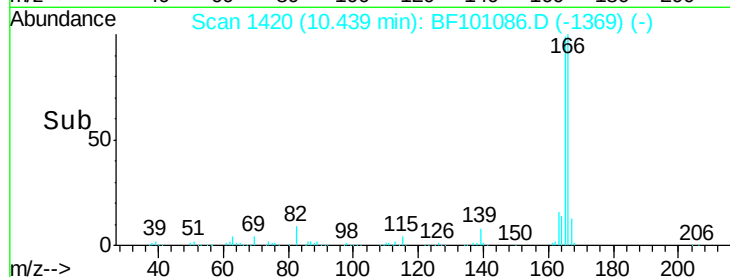
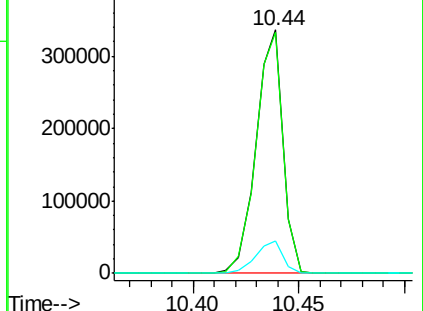
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.82 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:232 Resp: 74705

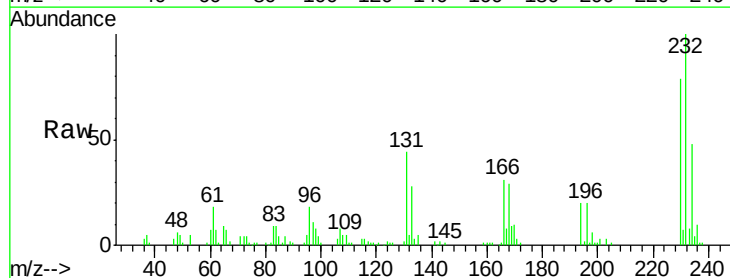
Ion Ratio Lower Upper

232 100

131 41.1 43.8 65.8#

130 1.9 2.1 3.1#

166 28.4 27.8 41.6

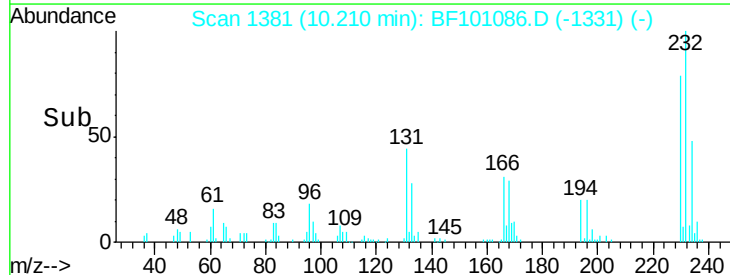
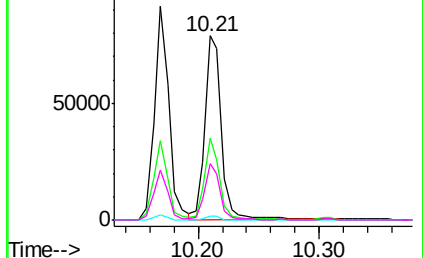


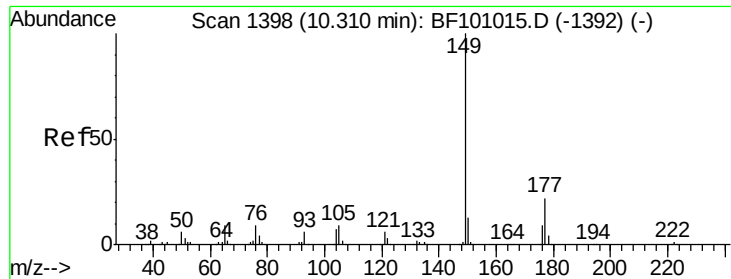
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

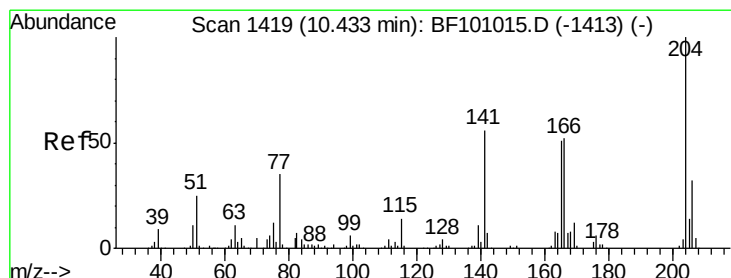
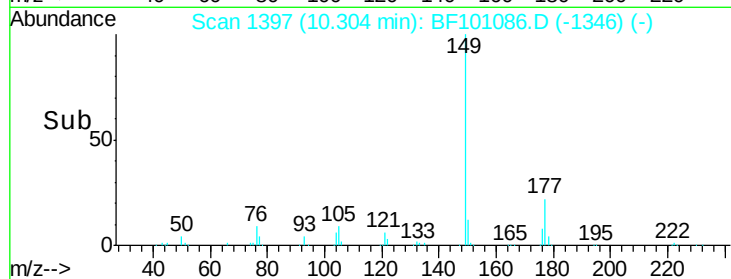
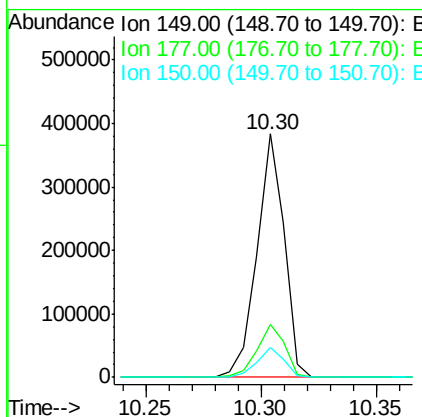
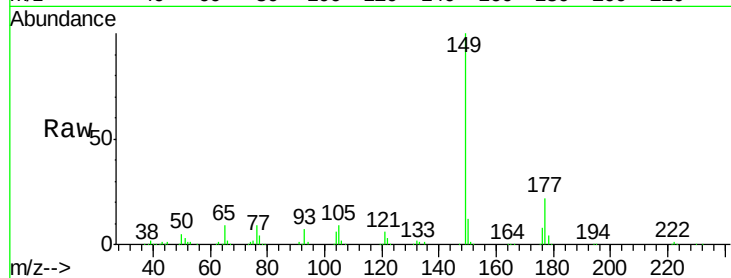




#59
Diethylphthalate
Concen: 39.62 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

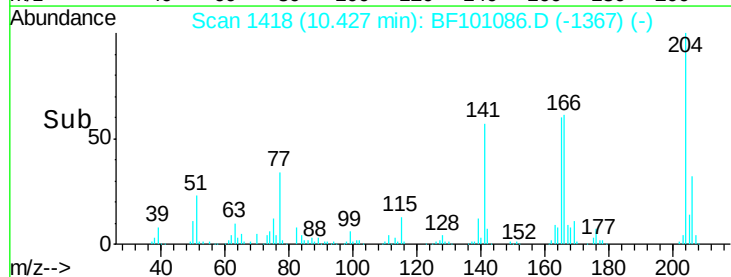
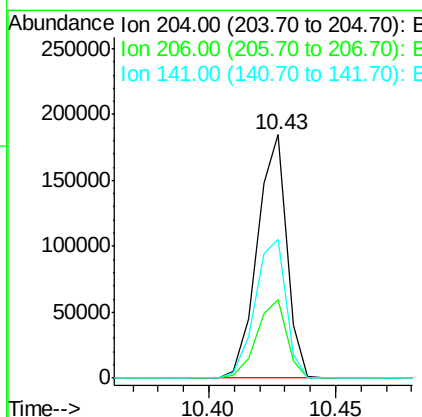
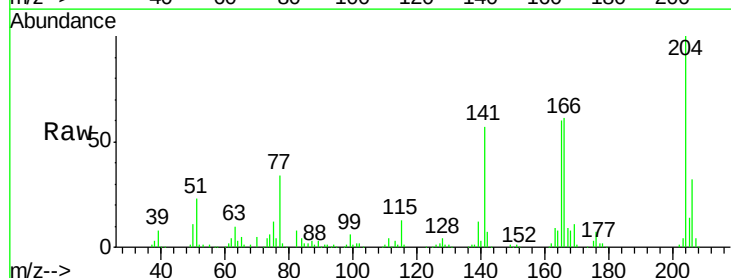
Instrument :
BNA_F
ClientSampled :

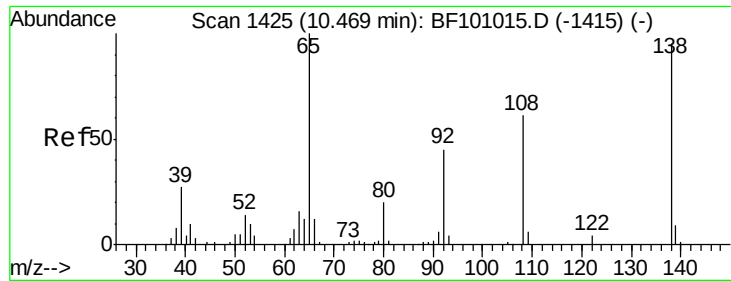
Tot Ion:149 Resp: 316383
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.36 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:204 Resp: 150048
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 56.9 54.6 81.8





#61

4-Nitroaniline

Concen: 37.62 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampled :

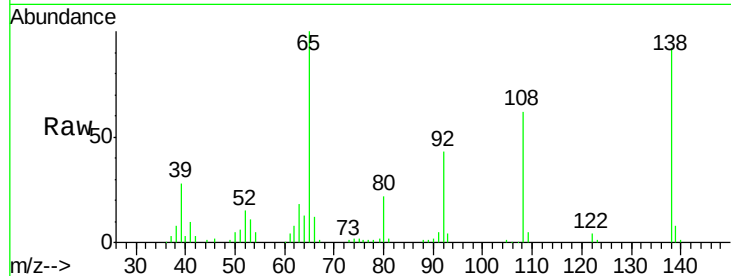
Tot Ion:138 Resp: 74893

Ion Ratio Lower Upper

138 100

92 46.3 30.2 70.2

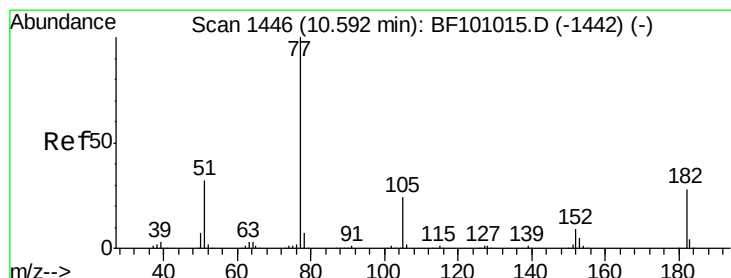
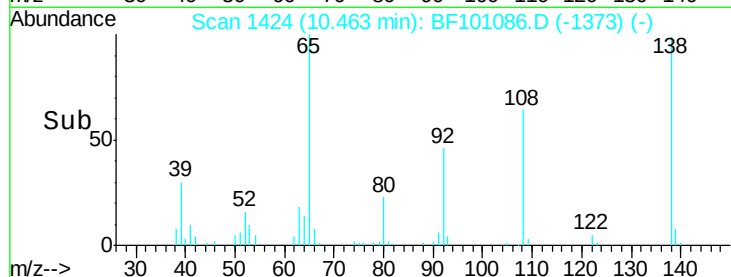
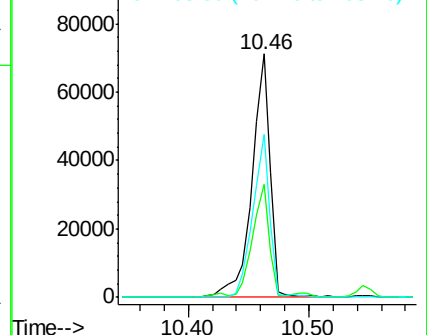
108 66.8 52.5 92.5



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: 38.83 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion: 77 Resp: 263133

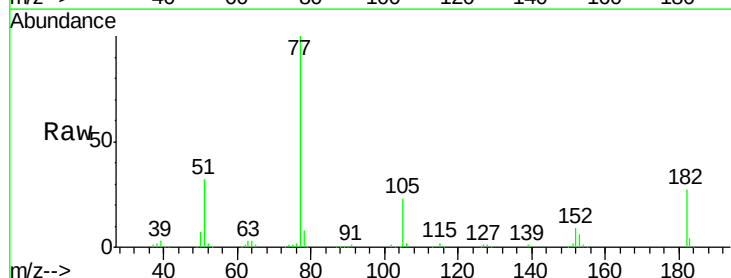
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 23.2 3.0 43.0

51 32.4 9.9 49.9

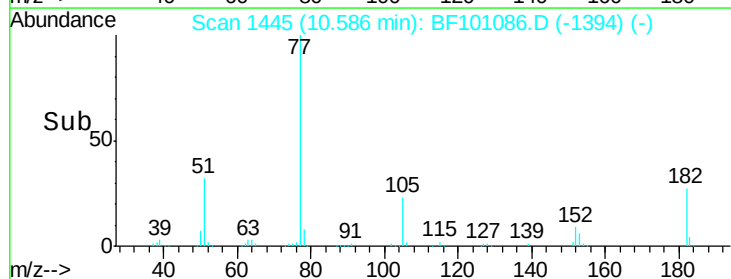
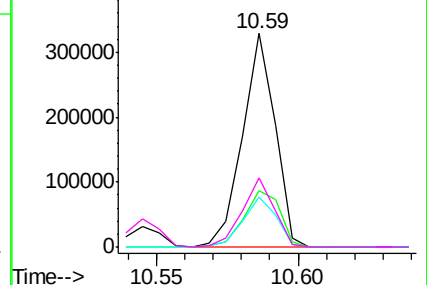


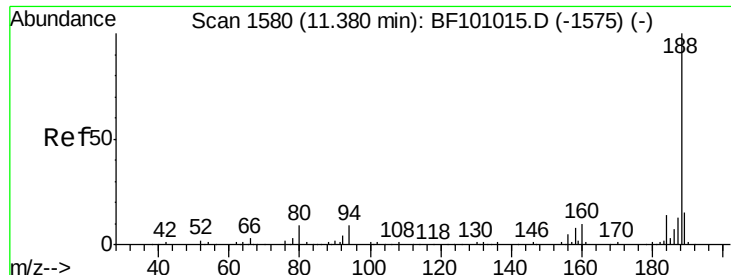
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

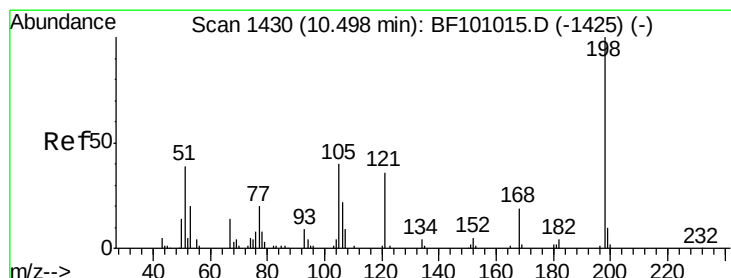
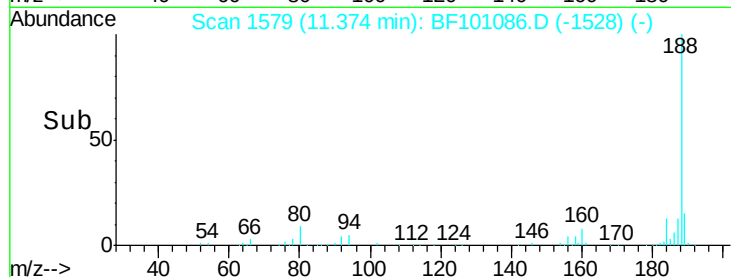
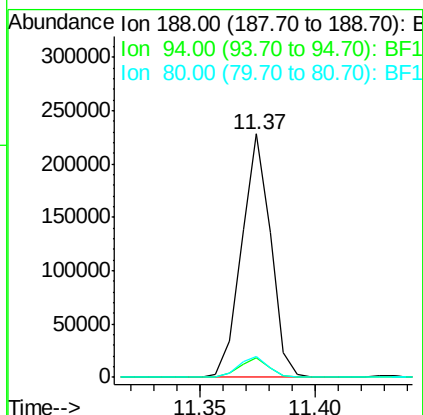
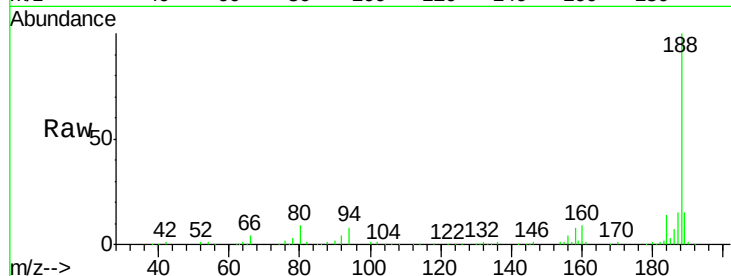




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

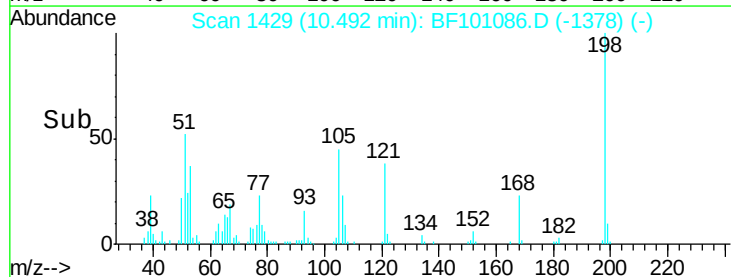
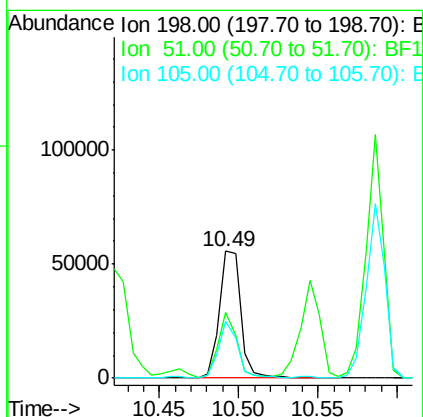
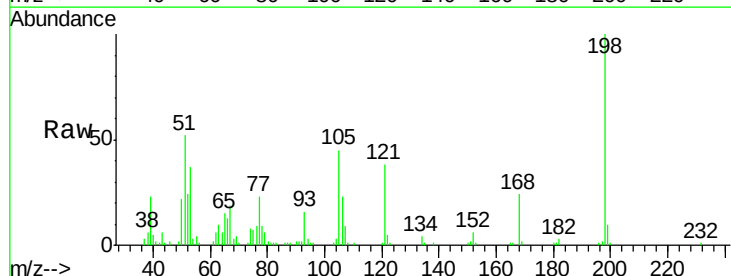
Instrument :
 BNA_F
 ClientSampleId :

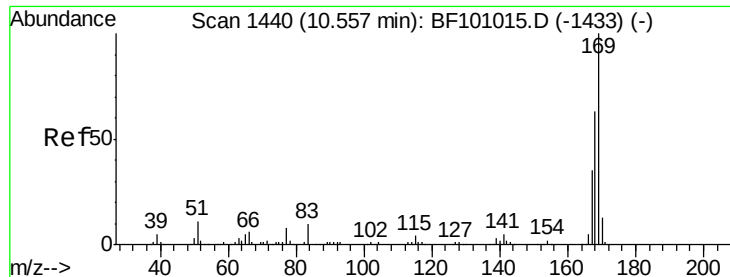
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	8.2	8.5	12.7#	
80	8.8	9.2	13.8#	



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.11 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	198	Ratio	Lower	Upper
198	100			
51	52.0	37.7	77.7	
105	44.7	36.3	76.3	

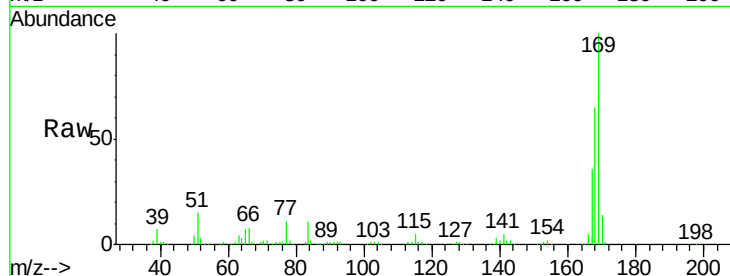




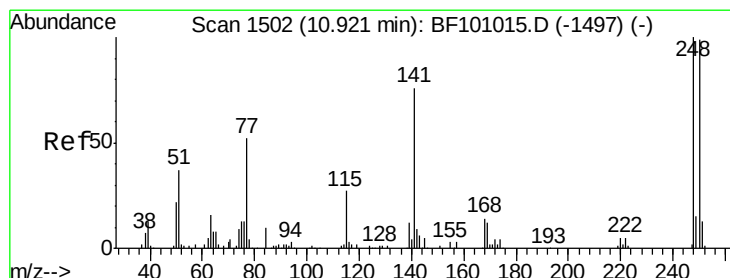
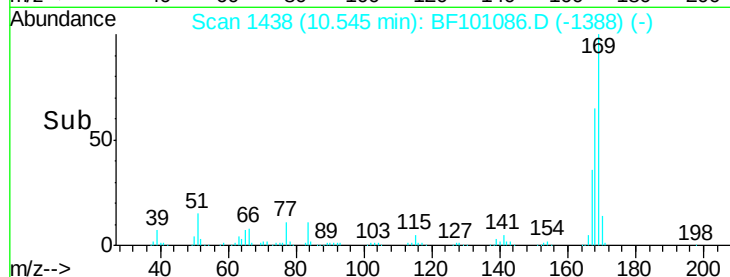
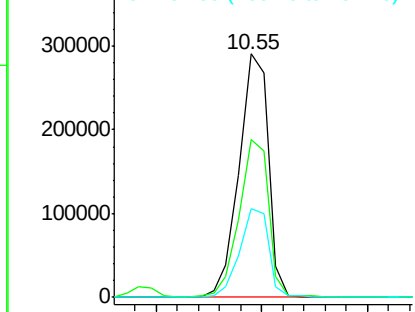
#65
 n-Nitrosodiphenylamine
 Concen: 39.76 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	169	Resp	279837
Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.4	81.6
167	36.4	29.8	44.6

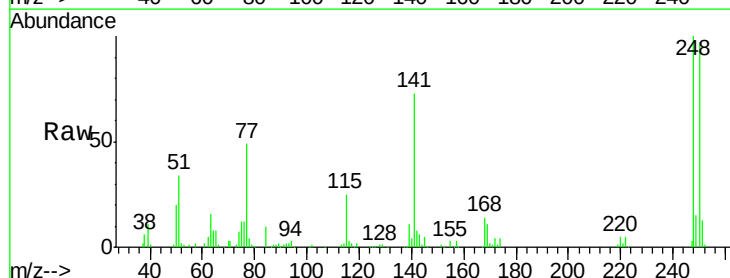


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

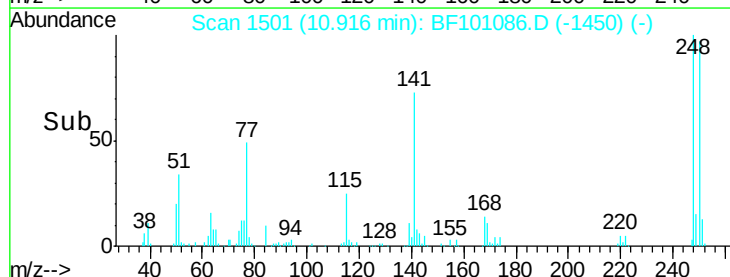
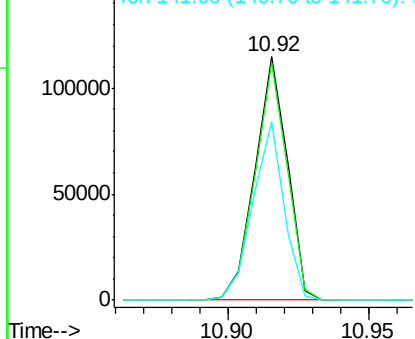


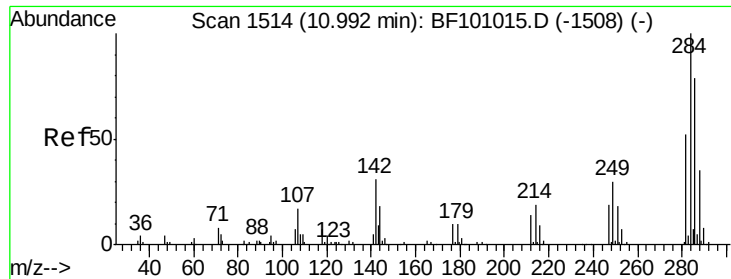
#66
 4-Bromophenyl-phenylether
 Concen: 40.86 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	248	Resp	91241
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	73.2	74.4	111.6#



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





#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

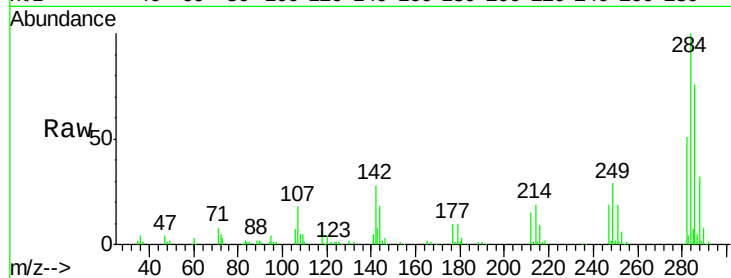
Tot Ion:284 Resp: 97491

Ion Ratio Lower Upper

284 100

142 28.3 34.6 52.0#

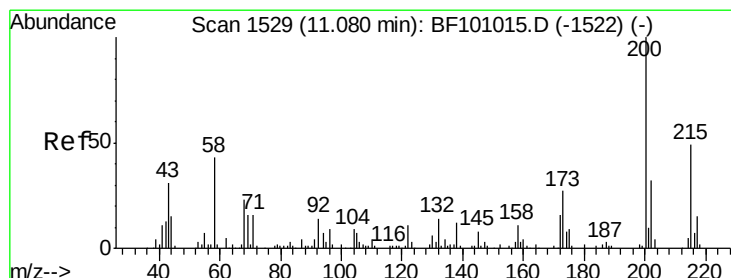
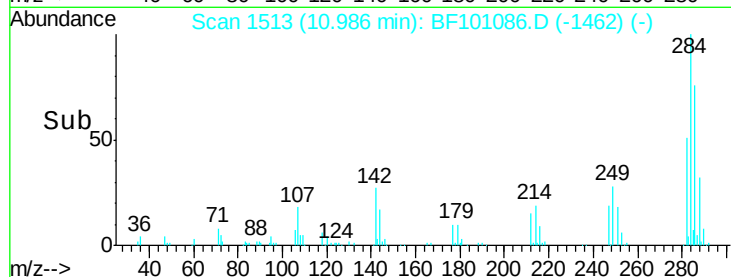
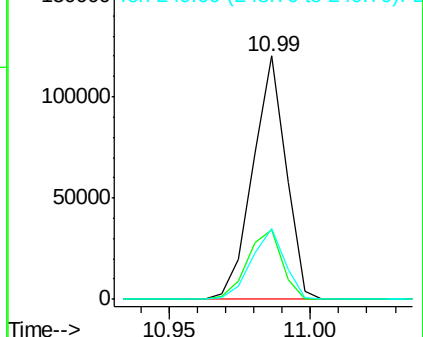
249 28.9 24.8 37.2



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: 39.82 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

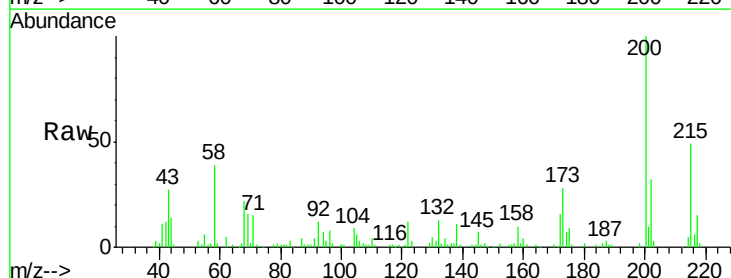
Tgt Ion:200 Resp: 85988

Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

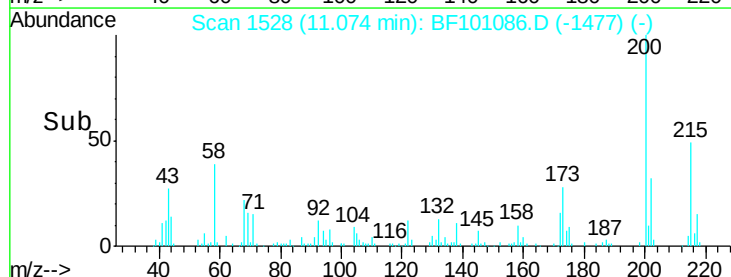
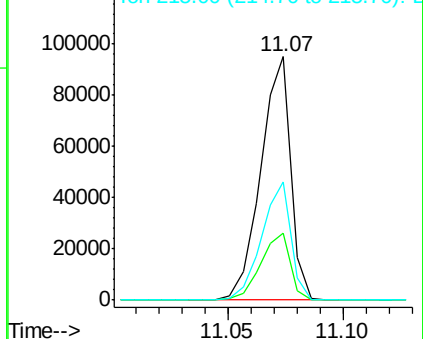
215 48.6 25.1 65.1

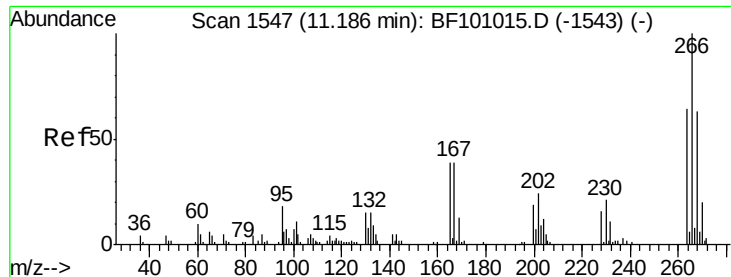


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

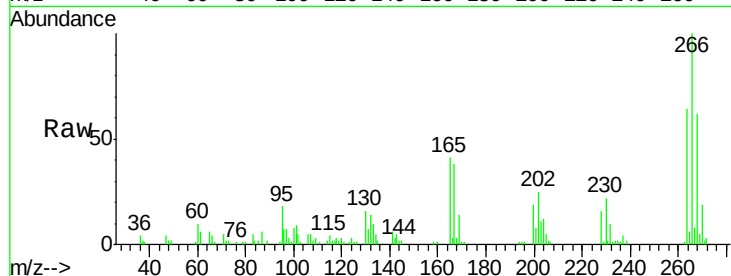




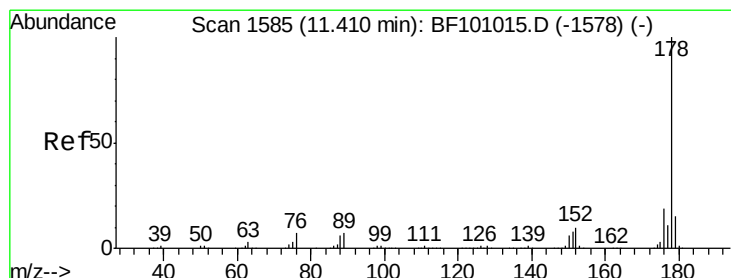
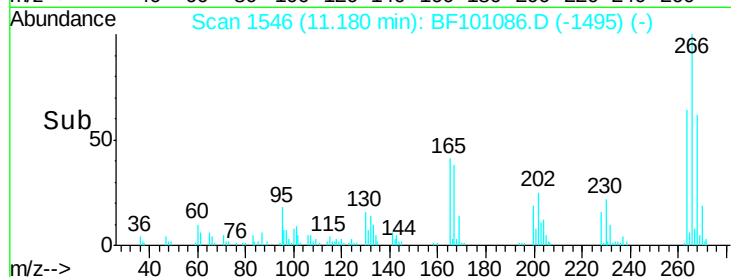
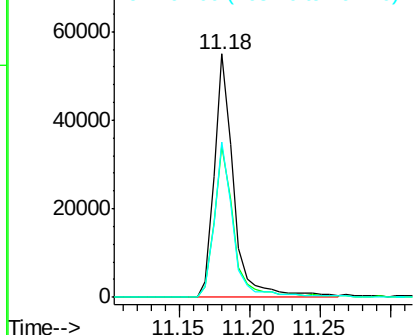
#69
 Pentachlorophenol
 Concen: 39.93 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52544
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 63.8 49.5 74.3

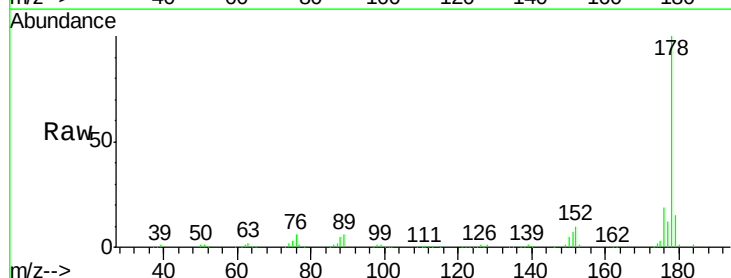


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

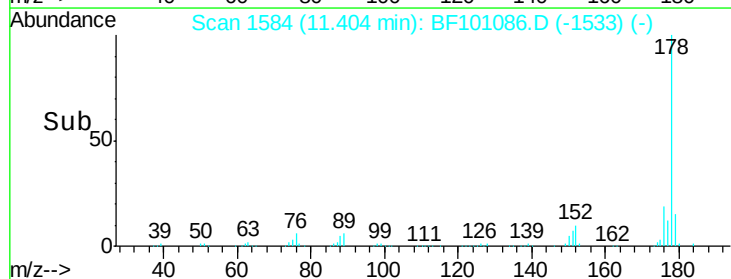
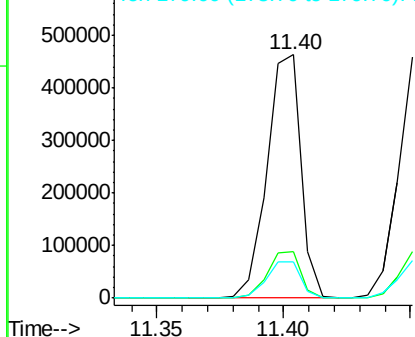


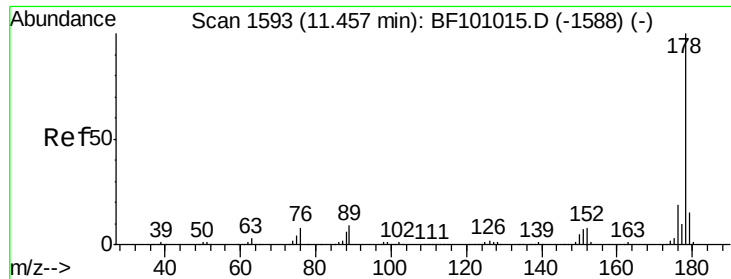
#70
 Phenanthrene
 Concen: 39.52 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:178 Resp: 434268
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.1 13.0 19.6



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

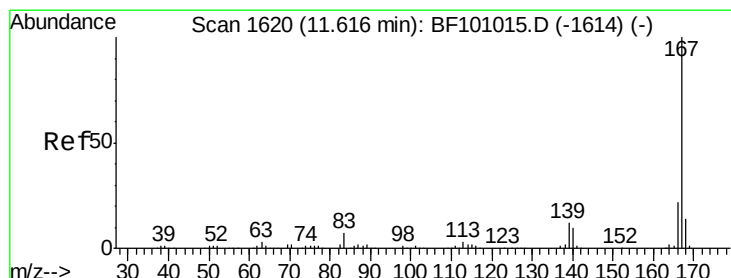
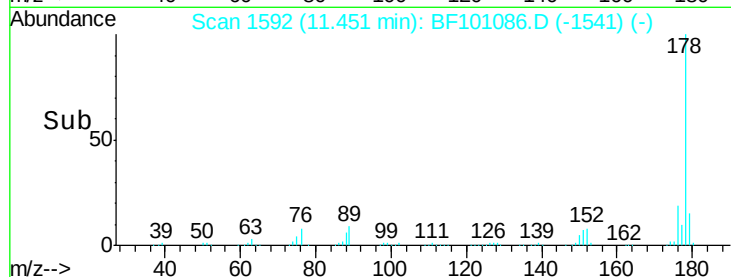
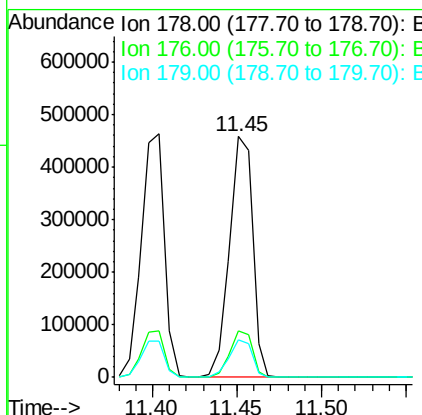
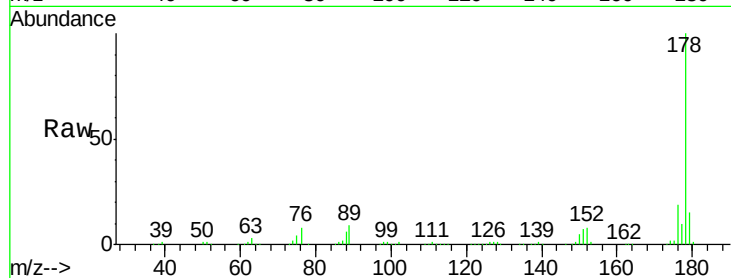




#71
 Anthracene
 Concen: 39.35 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

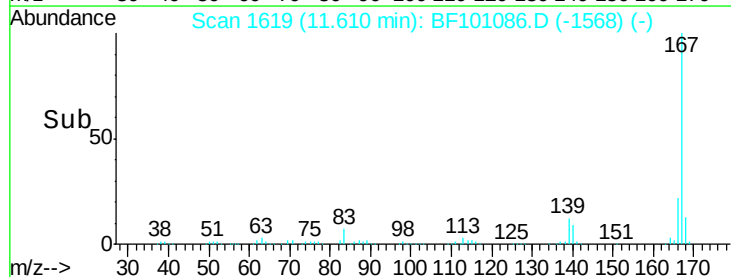
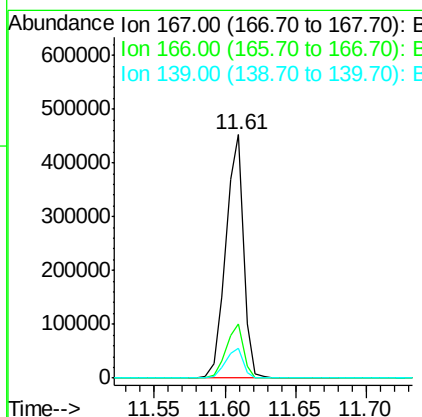
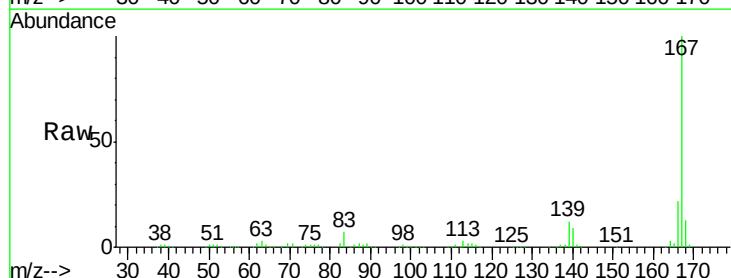
Instrument :
 BNA_F
 ClientSampleId :

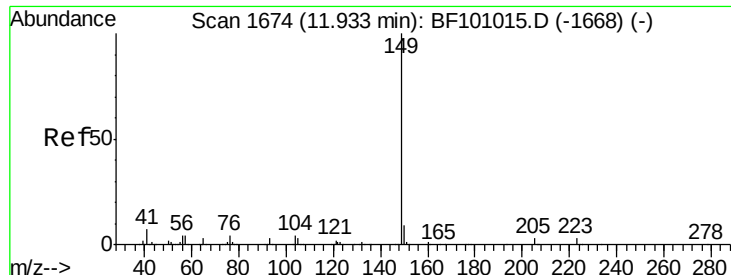
Tot Ion:178 Resp: 437573
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.80 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:167 Resp: 394258
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

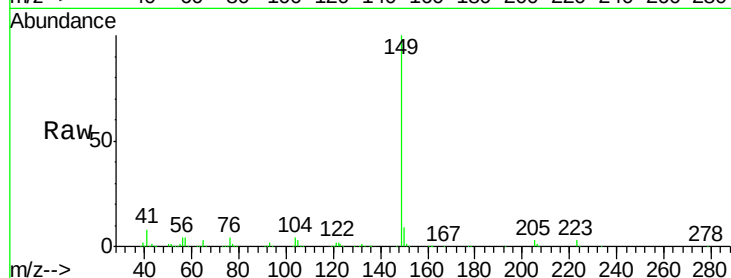
Tot Ion:149 Resp: 497981

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

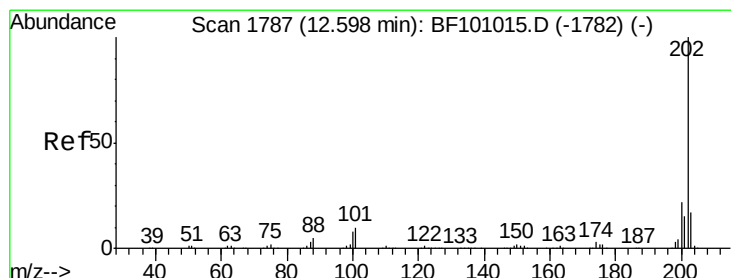
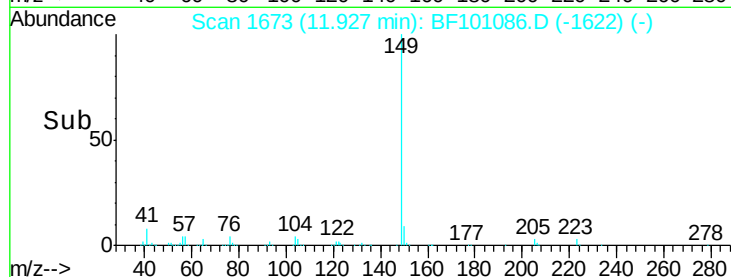
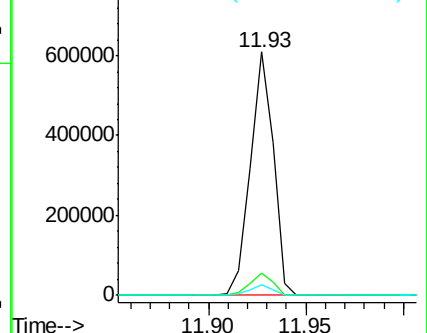
104 4.2 3.8 5.8



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: 37.78 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

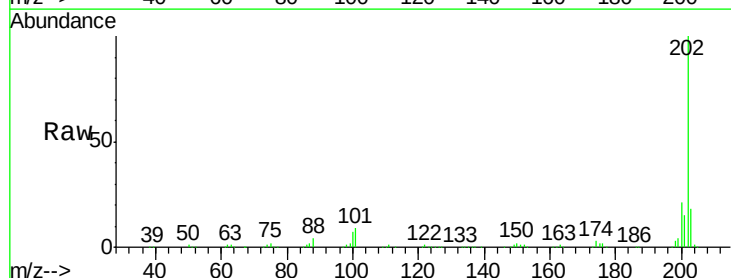
Tgt Ion:202 Resp: 460172

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.1

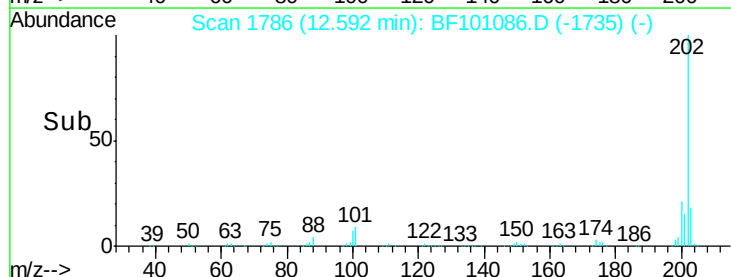
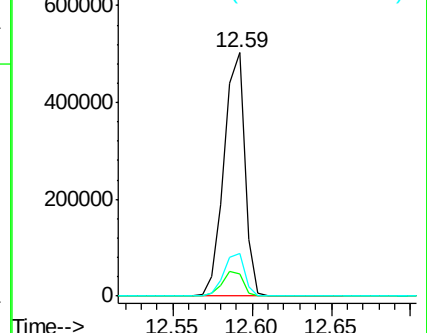
203 17.6 0.0 38.1

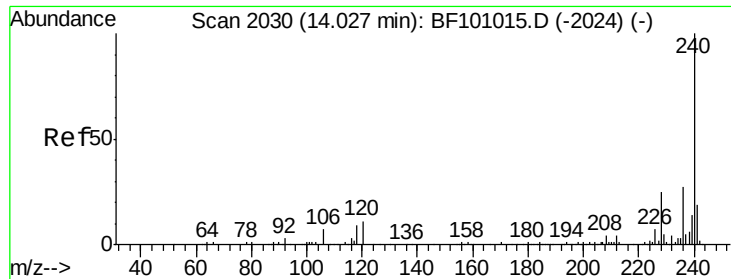


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

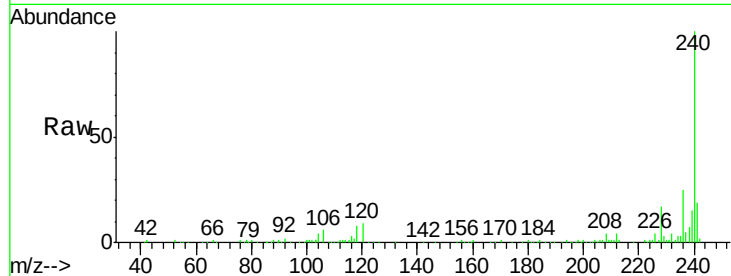
Tot Ion:240 Resp: 172399

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

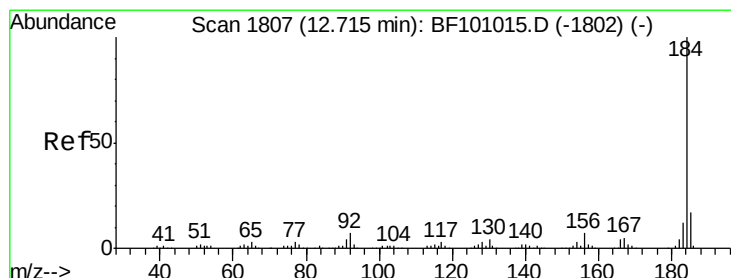
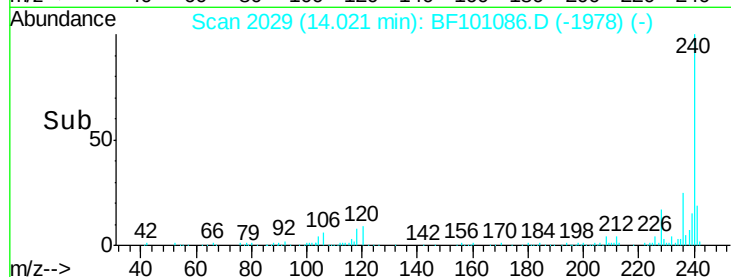
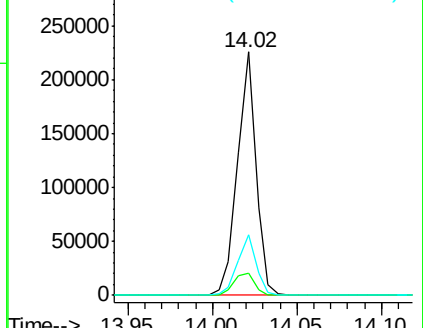
236 24.6 20.7 31.1



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: 42.01 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

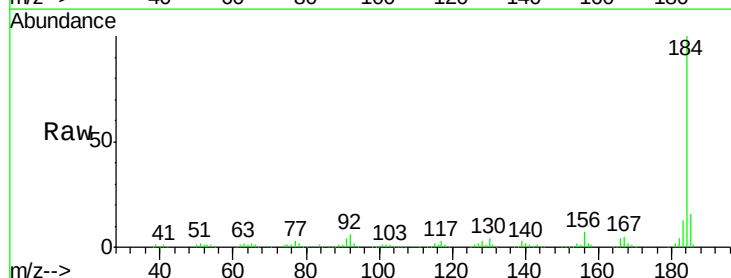
Tgt Ion:184 Resp: 235518

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

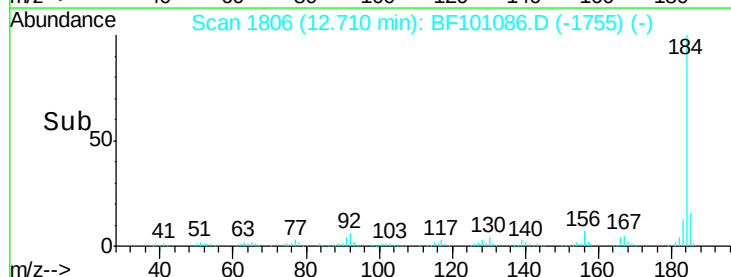
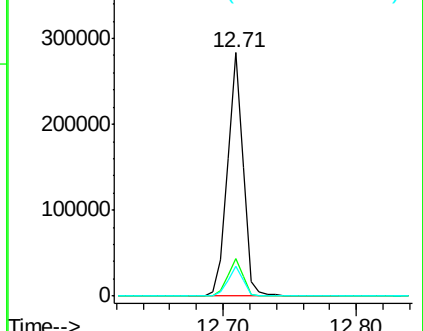
183 12.5 9.3 13.9

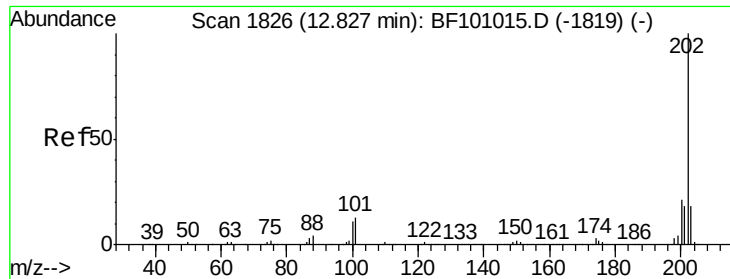


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

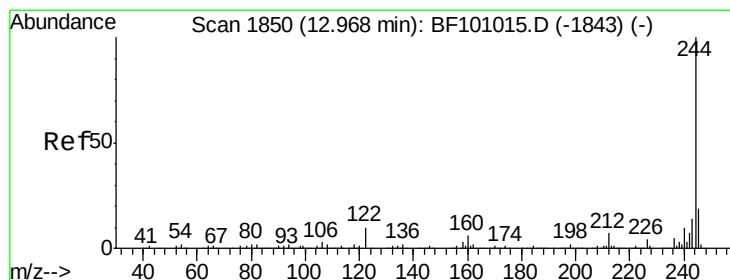
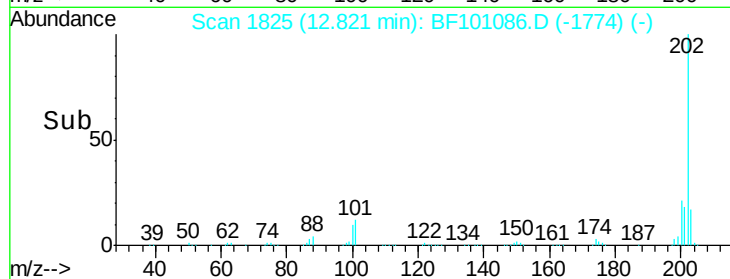
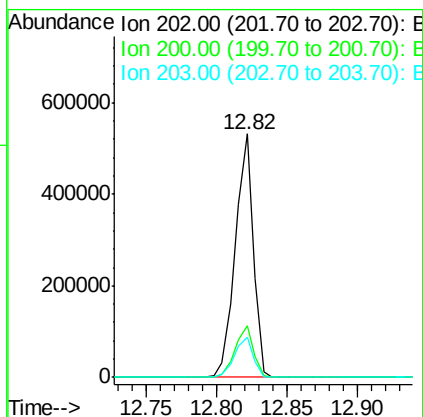
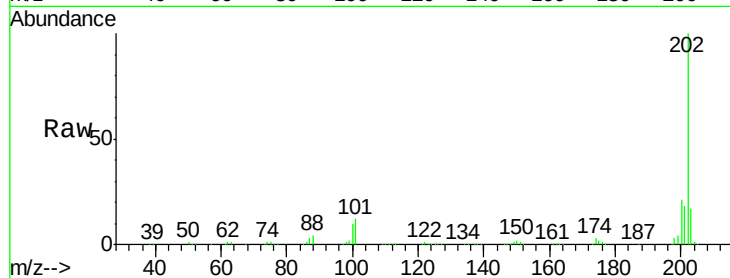




#77
Pvrene
Concen: 39.71 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

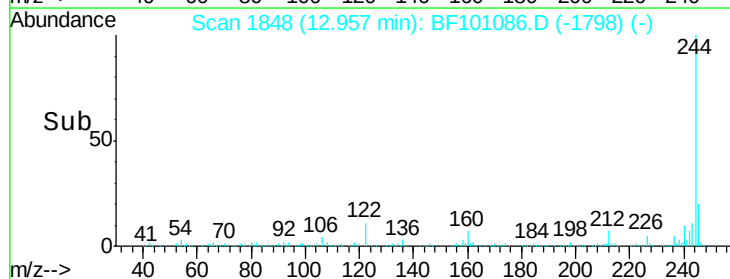
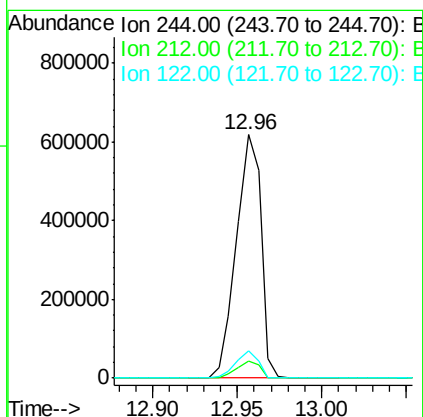
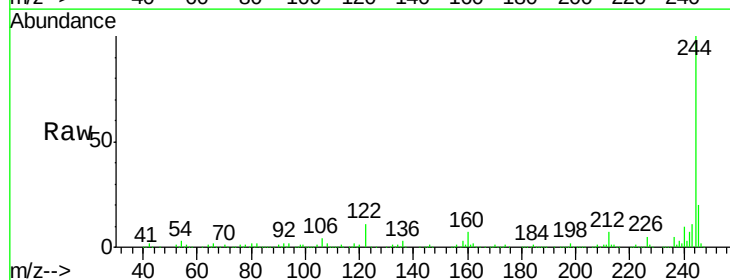
Instrument :
BNA_F
ClientSampleId :

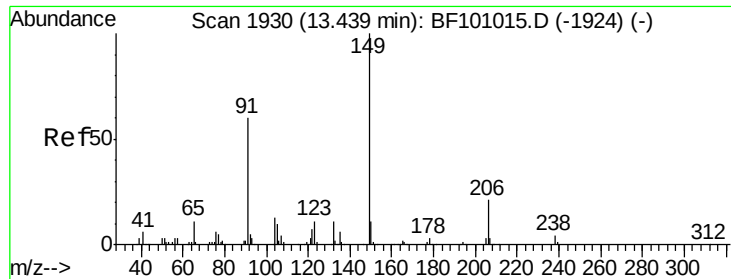
Tot Ion:202 Resp: 472374
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 16.6 14.3 21.5



#78
Terphenyl-d14
Concen: 79.97 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:244 Resp: 630303
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.3 11.0 16.4

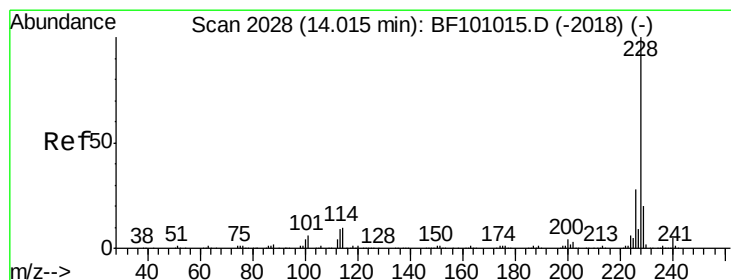
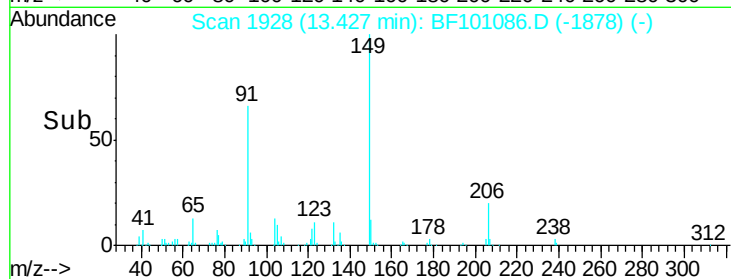
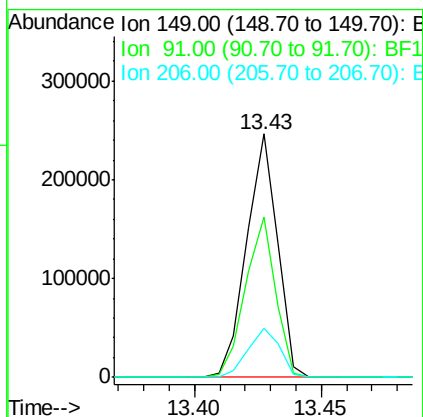
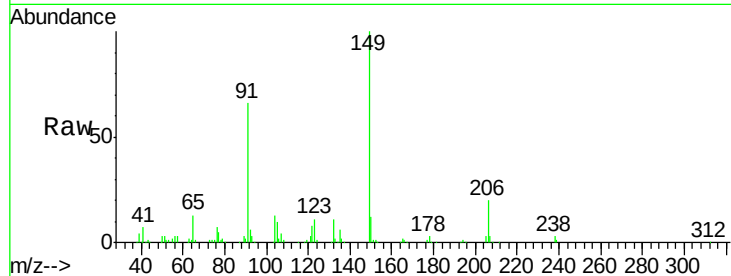




#79
Butylbenzylphthalate
Concen: 39.76 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

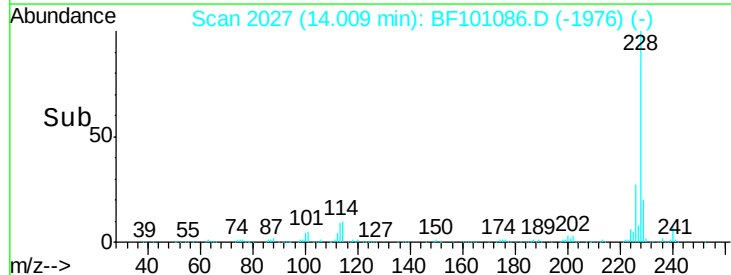
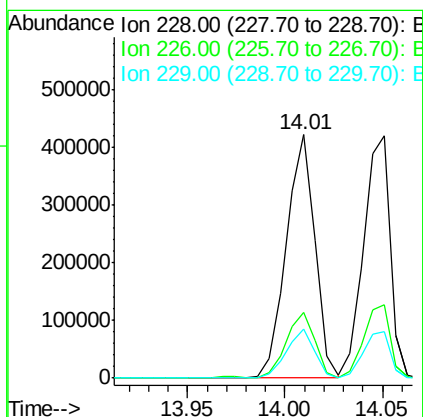
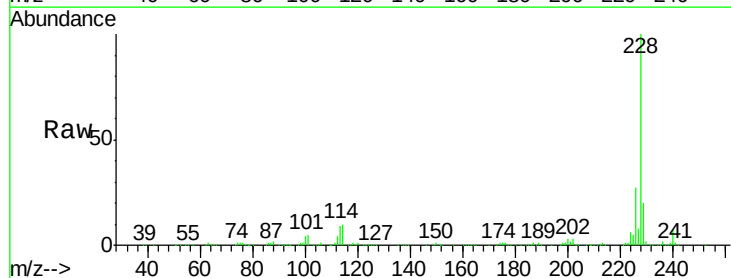
Instrument :
BNA_F
ClientSampleId :

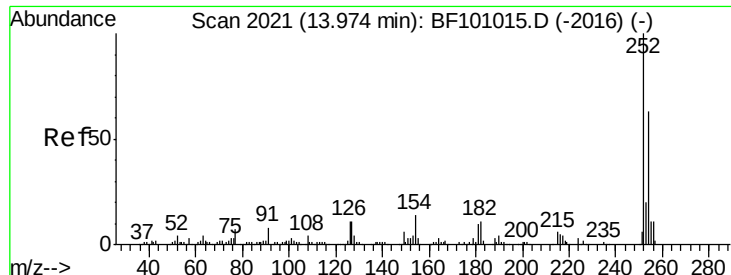
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.45 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6

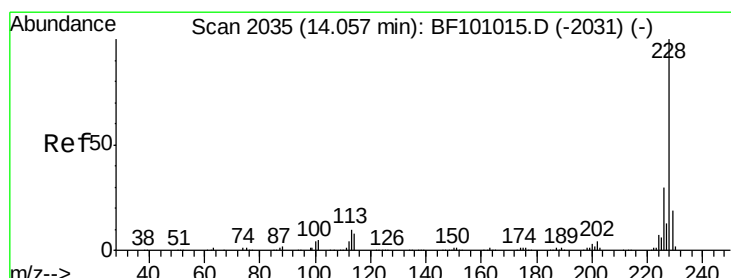
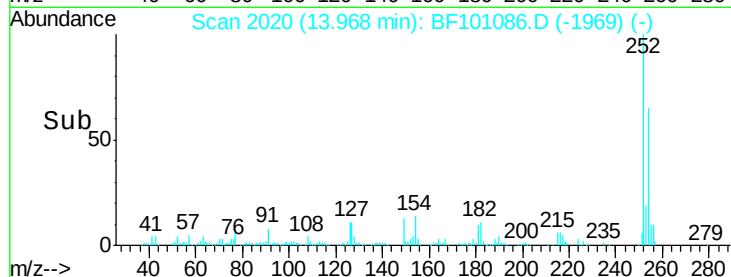
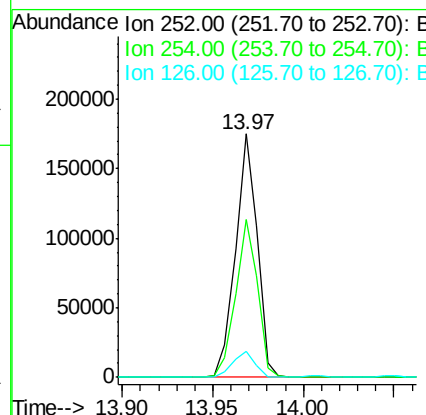
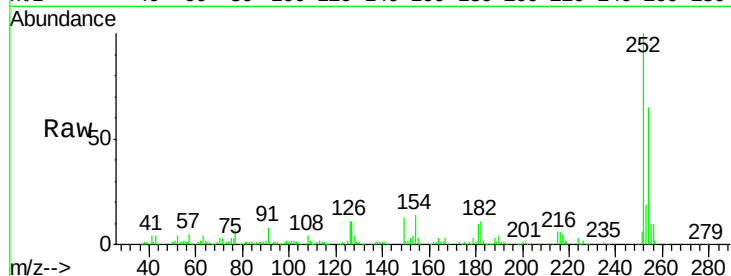




#81
 3,3'-Dichlorobenzidine
 Concen: 38.94 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

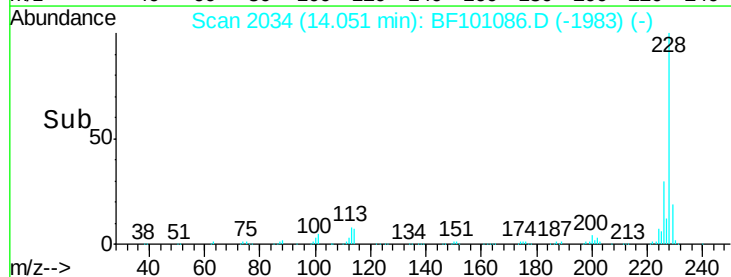
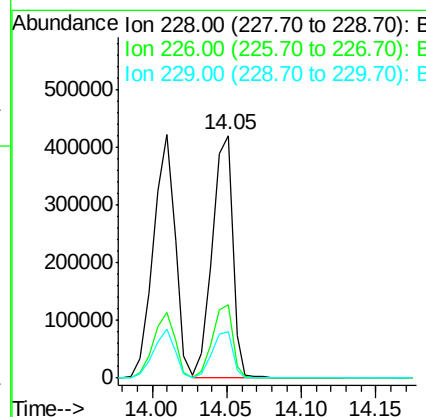
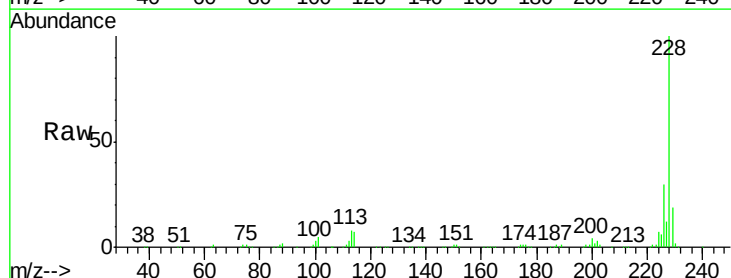
Instrument :
 BNA_F
 ClientSampleId :

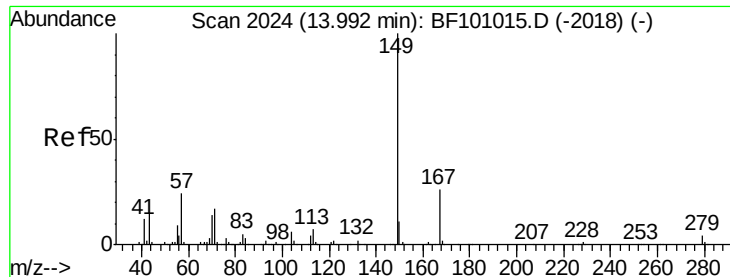
Tot Ion:252 Resp: 146795
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 39.43 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion:228 Resp: 398611
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.06 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

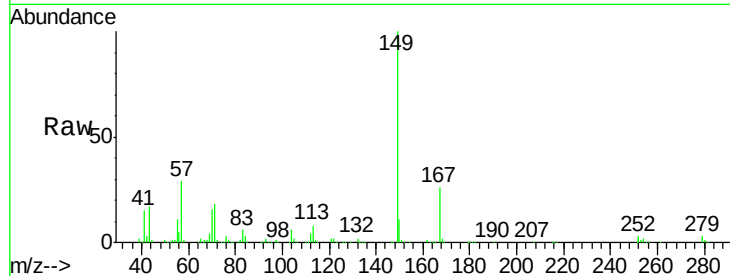
Tot Ion:149 Resp: 299552

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

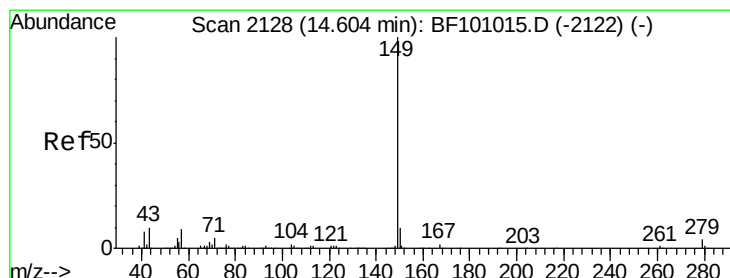
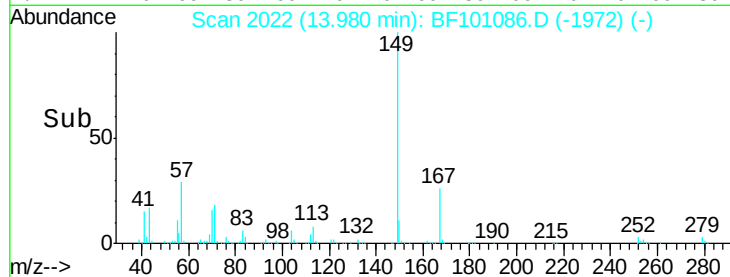
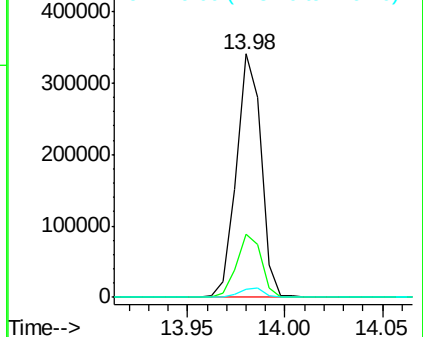
279 3.4 3.0 4.4



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: 39.81 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

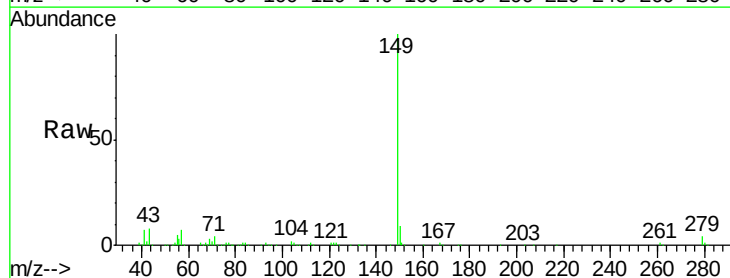
Tgt Ion:149 Resp: 495647

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

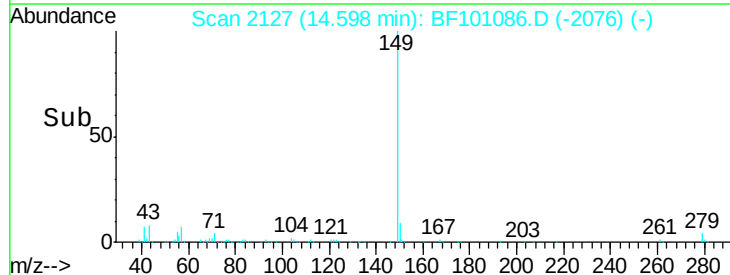
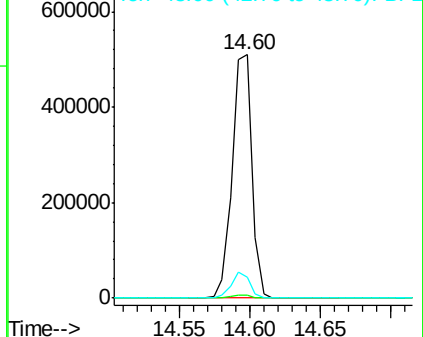
43 10.2 8.4 12.6

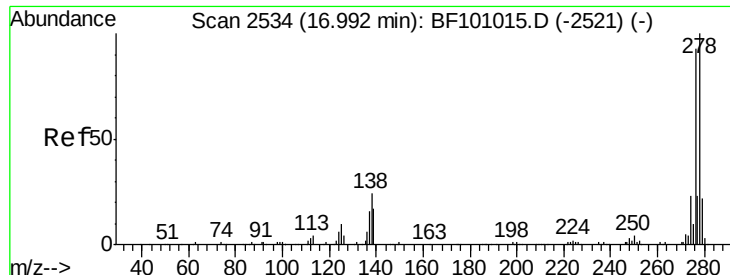


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

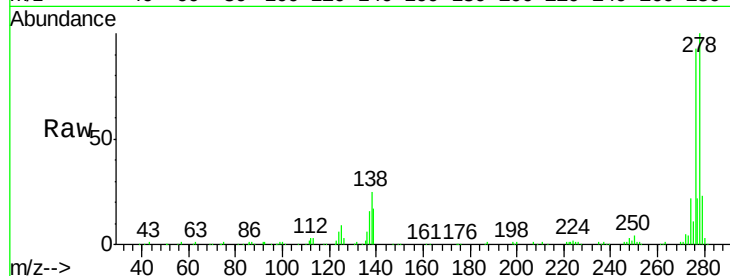




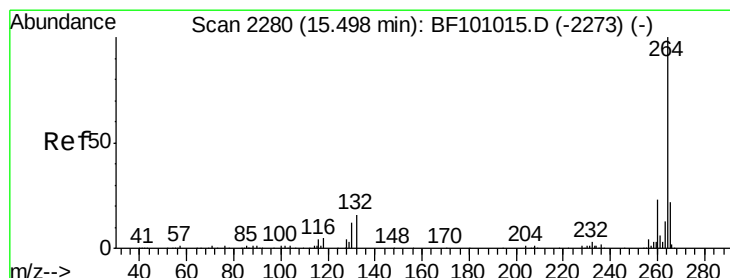
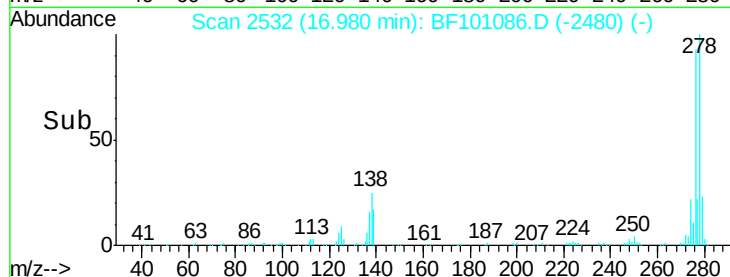
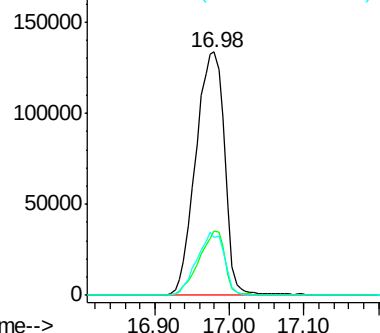
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.10 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	24.6	20.1	30.1

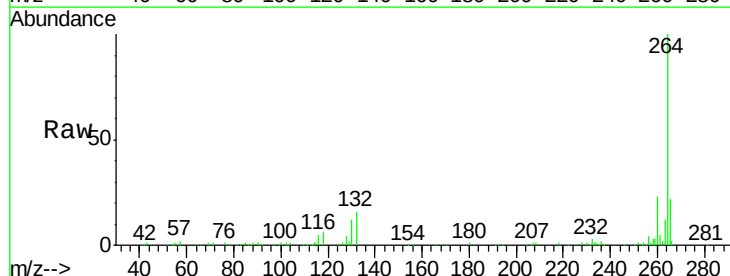


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

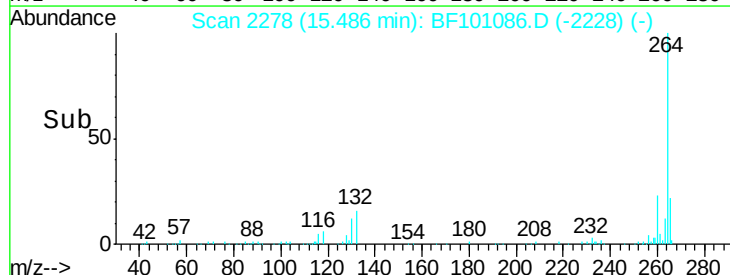
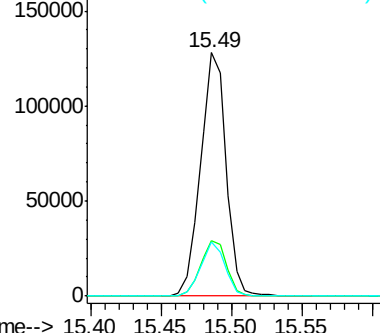


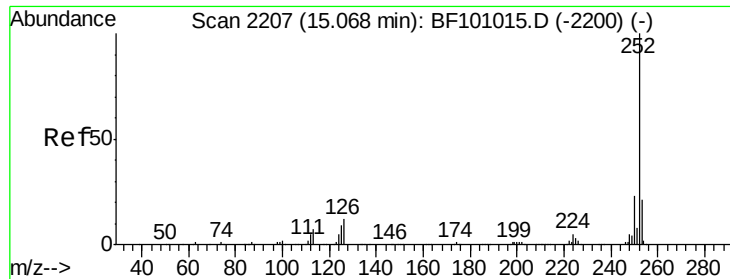
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.4	17.5	26.3



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

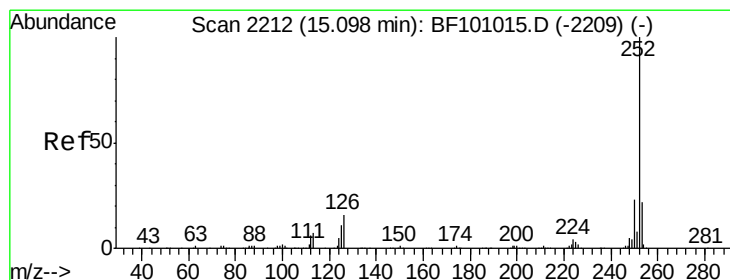
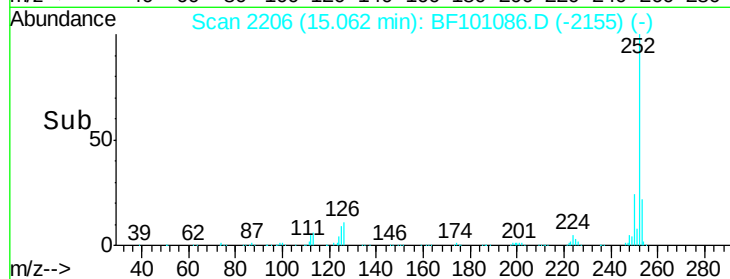
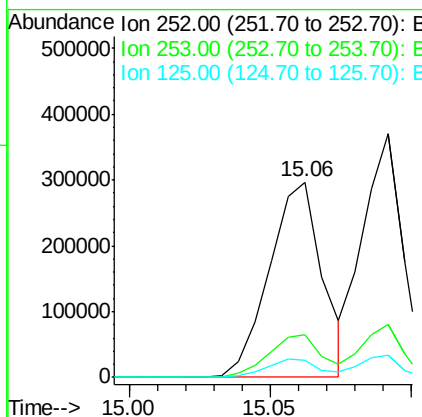
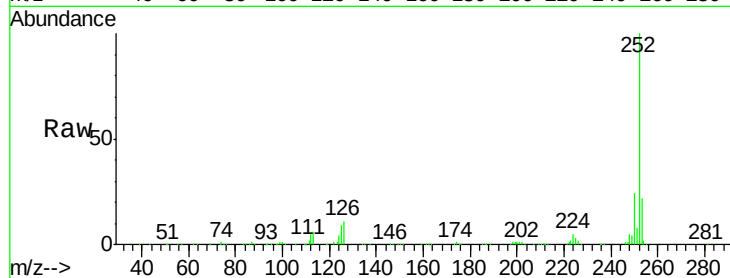




#87
Benzo(b)fluoranthene
Concen: 40.25 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

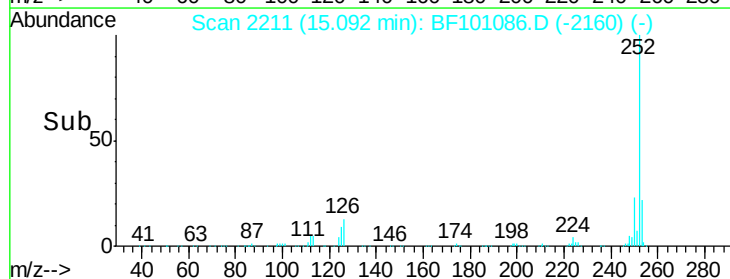
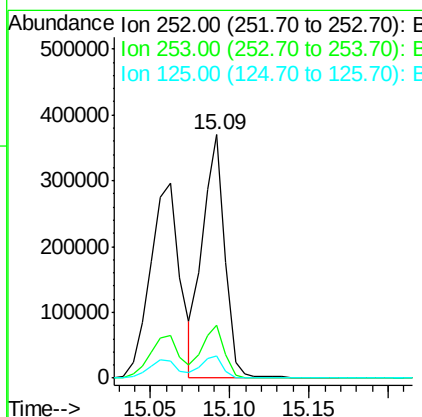
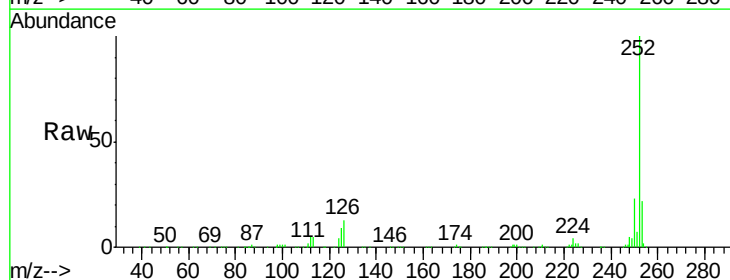
Instrument :
BNA_F
ClientSampleId :

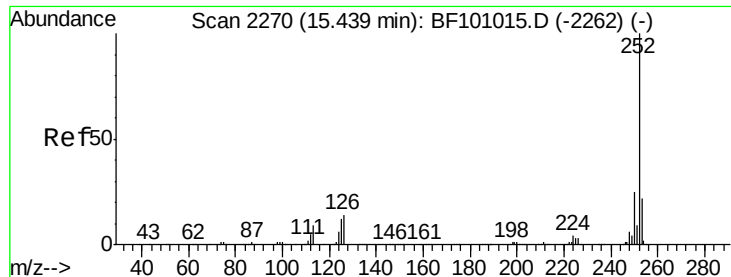
Tot Ion:252 Resp: 387631
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.35 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:252 Resp: 363852
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 8.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 39.29 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

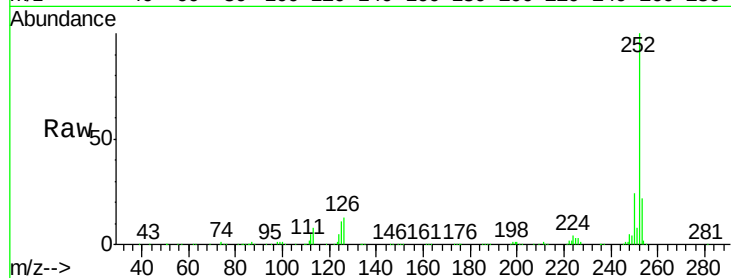
Tot Ion:252 Resp: 344000

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

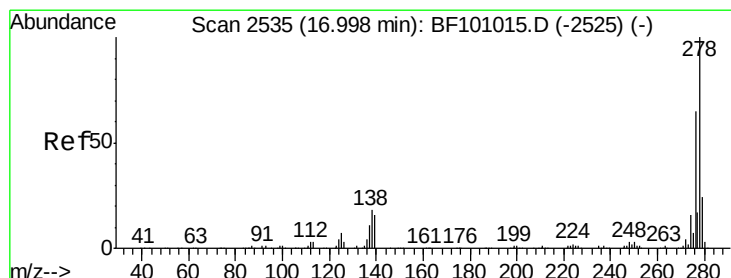
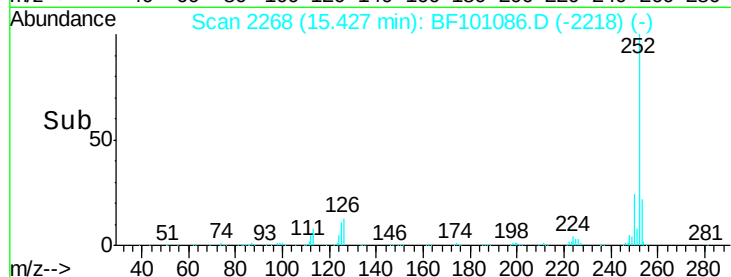
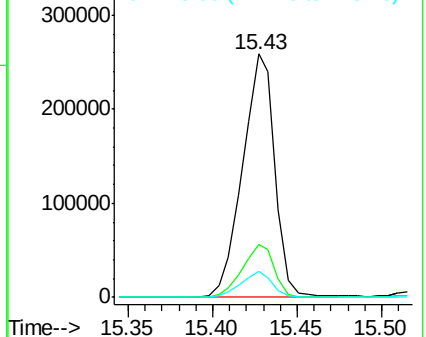
125 10.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.50 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

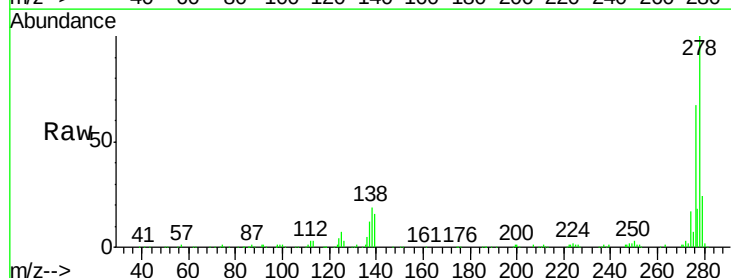
Tgt Ion:278 Resp: 304873

Ion Ratio Lower Upper

278 100

139 16.0 15.9 23.9

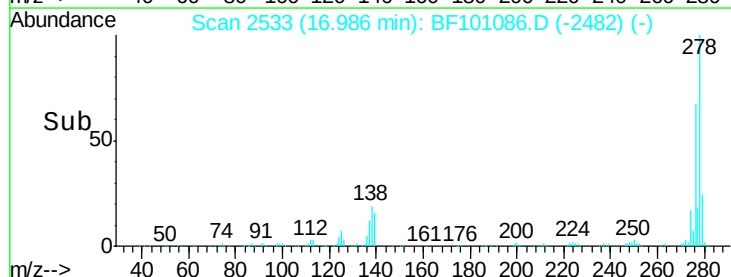
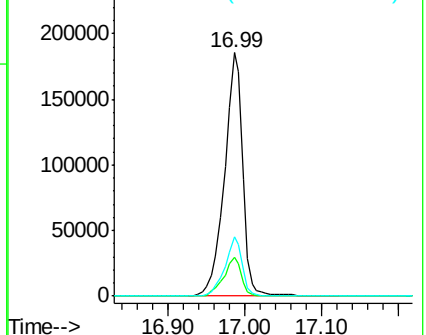
279 24.1 19.0 28.4

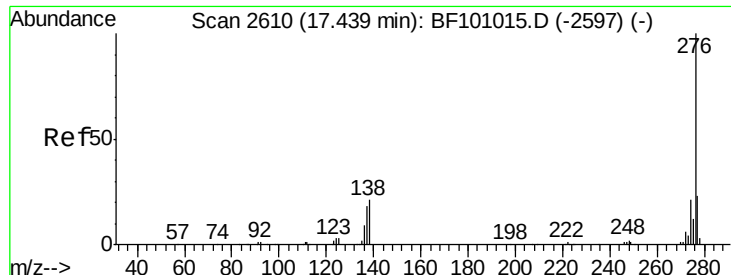


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

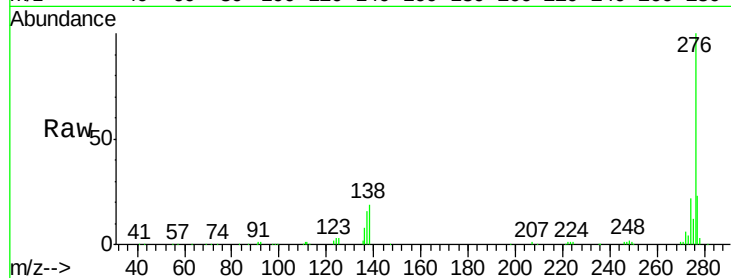




#91
 Benzo(a,h,i)perylene
 Concen: 40.36 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	18.8	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

