

Data File : BF100754.D
Acq On : 21 Nov 2017 2:08
Operator : SJ/JU
Sample : I6535-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Quant Time: Nov 21 03:34:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	94860	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	361449	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	152898	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	236381	20.00	ng	0.00
75) Chrysene-d12	14.04	240	187360	20.00	ng	0.00
86) Perylene-d12	15.51	264	163670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	715414	120.89	ng	0.01
7) Phenol-d6	6.51	99	875920	120.03	ng	0.00
23) Nitrobenzene-d5	7.44	82	538161	98.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	185616	119.13	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1025666	102.15	ng	0.00
78) Terphenyl-d14	12.98	244	716446	87.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	84397	29.27	ng	96
3) Pyridine	3.49	79	237483	30.18	ng	92
4) n-Nitrosodimethylamine	3.44	42	120116	31.44	ng	97
6) Aniline	6.55	93	257529	24.98	ng	96
8) 2-Chlorophenol	6.66	128	245435	39.20	ng	98
9) Benzaldehyde	6.43	77	75531	14.49	ng	92
10) Phenol	6.52	94	318744	41.61	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	226246	35.16	ng	98
12) 1,3-Dichlorobenzene	6.82	146	278486	38.58	ng	97
13) 1,4-Dichlorobenzene	6.89	146	280255	38.36	ng	97
14) 1,2-Dichlorobenzene	7.05	146	261809	38.76	ng	98
15) Benzyl Alcohol	7.02	79	208092	36.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	387394	37.64	ng	99
17) 2-Methylphenol	7.13	107	210769	39.40	ng	98
18) Hexachloroethane	7.39	117	81577	33.87	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	165021	32.61	ng	97
20) 3+4-Methylphenols	7.28	107	250266	36.97	ng	# 75
22) Acetophenone	7.29	105	327849	37.20	ng	# 98
24) Nitrobenzene	7.46	77	244578	43.46	ng	98
25) Isophorone	7.70	82	443303	38.59	ng	98
26) 2-Nitrophenol	7.77	139	121208	46.17	ng	88
27) 2,4-Dimethylphenol	7.80	122	221617	43.03	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	282361	37.57	ng	99
29) 2,4-Dichlorophenol	8.02	162	208424	42.39	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	220110	41.39	ng	96
31) Naphthalene	8.18	128	689848	39.63	ng	100
32) Benzoic acid	7.91	122	68632	23.38	ng	98
33) 4-Chloroaniline	8.22	127	119436	16.48	ng	98
34) Hexachlorobutadiene	8.29	225	128315	40.58	ng	97
35) Caprolactam	8.60	113	60252	35.71	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	207193	39.24	ng	95
37) 2-Methylnaphthalene	8.87	142	459211	39.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	213175	42.04	ng	# 95
40) Hexachlorocyclopentadiene	9.02	237	42139	17.66	ng	99

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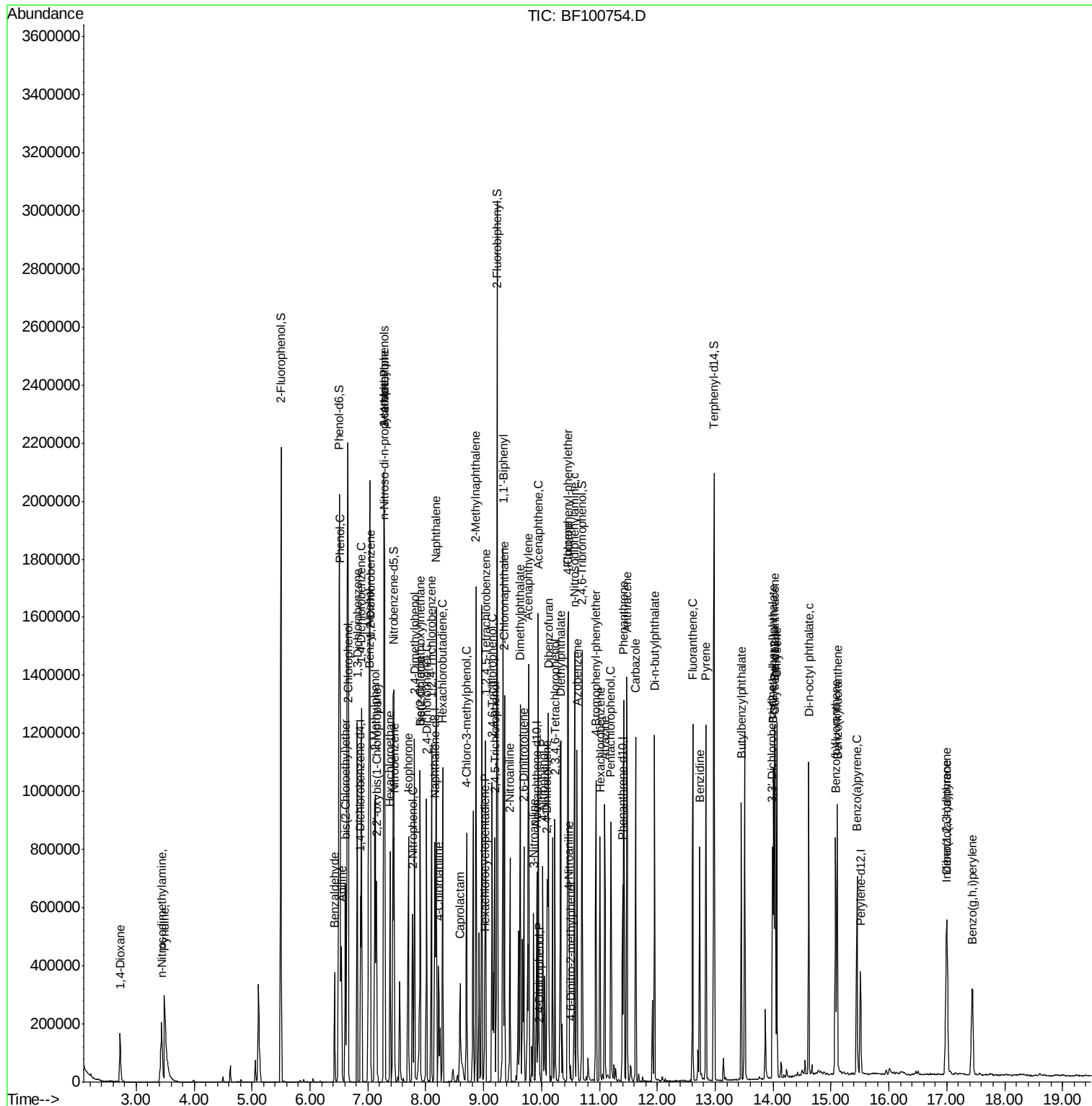
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145365	45.23	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	149081	44.77	ng #	89
45) 1,1'-Biphenyl	9.33	154	539783	40.82	ng	99
46) 2-Chloronaphthalene	9.36	162	416923	43.46	ng	95
47) 2-Nitroaniline	9.46	65	124895	44.29	ng	97
48) Acenaphthylene	9.77	152	618575	38.91	ng	99
49) Dimethylphthalate	9.63	163	564274	48.34	ng #	99
50) 2,6-Dinitrotoluene	9.70	165	102789	44.48	ng	88
51) Acenaphthene	9.95	154	361815	37.42	ng	100
52) 3-Nitroaniline	9.86	138	89635	32.85	ng	95
53) 2,4-Dinitrophenol	9.97	184	6827	16.64	ng #	14
54) Dibenzofuran	10.12	168	531770	39.24	ng	99
55) 4-Nitrophenol	10.02	139	147464	66.56	ng	93
56) 2,4-Dinitrotoluene	10.10	165	126423	43.37	ng #	92
57) Fluorene	10.46	166	399621	40.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	108101	39.61	ng #	84
59) Diethylphthalate	10.33	149	459443	39.33	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	201809	41.44	ng	92
61) 4-Nitroaniline	10.48	138	94773	36.63	ng	84
62) Azobenzene	10.61	77	381998	34.72	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7258	13.57	ng	91
65) n-Nitrosodiphenylamine	10.57	169	378246	46.02	ng	95
66) 4-Bromophenyl-phenylether	10.94	248	120504	47.56	ng #	88
67) Hexachlorobenzene	11.01	284	118258	44.62	ng #	82
68) Atrazine	11.09	200	111528	44.83	ng	99
69) Pentachlorophenol	11.20	266	116652	61.38	ng	99
70) Phenanthrene	11.42	178	510761	41.04	ng	98
71) Anthracene	11.47	178	513796	40.69	ng	99
72) Carbazole	11.63	167	444323	38.14	ng	99
73) Di-n-butylphthalate	11.95	149	608784	44.65	ng	98
74) Fluoranthene	12.61	202	484586	36.74	ng	98
76) Benzdine	12.73	184	315586	42.06	ng	98
77) Pyrene	12.84	202	492217	36.85	ng	100
79) Butylbenzylphthalate	13.45	149	207831	38.16	ng	96
80) Benzo(a)anthracene	14.03	228	473584	41.97	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	166599	41.21	ng	99
82) Chrysene	14.06	228	444996	40.73	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	305807	42.69	ng	99
84) Di-n-octyl phthalate	14.62	149	539957	43.88	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	311143	35.21	ng	94
87) Benzo(b)fluoranthene	15.08	252	408486	42.13	ng	99
88) Benzo(k)fluoranthene	15.11	252	398763	43.52	ng	97
89) Benzo(a)pyrene	15.45	252	362735	42.20	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	264172	37.58	ng	96
91) Benzo(g,h,i)perylene	17.44	276	251923	36.61	ng #	93

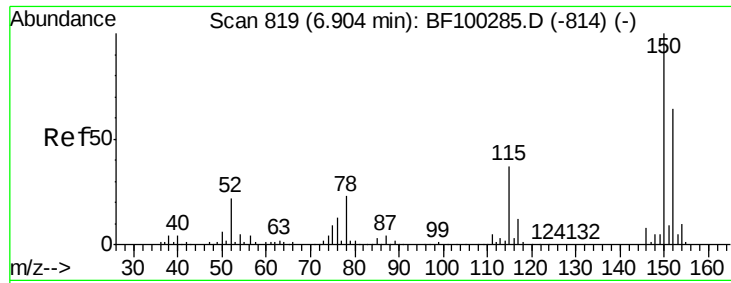
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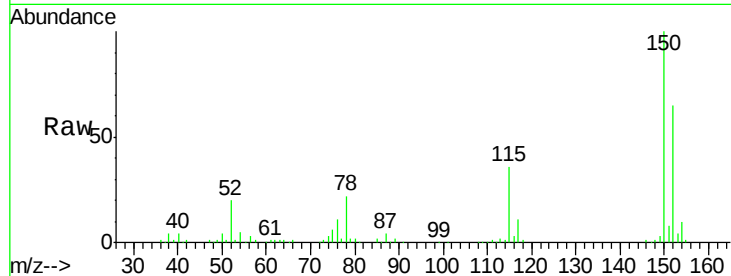


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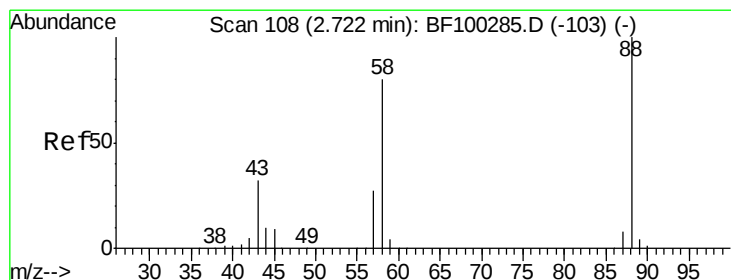
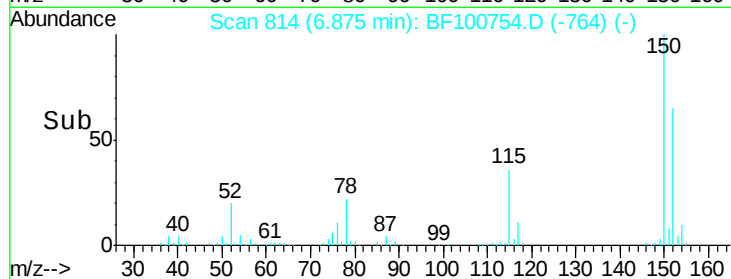
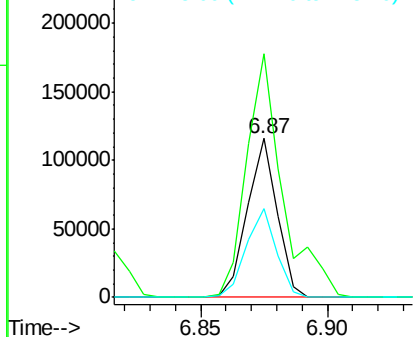
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100754.D
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RT-4252-RT-3025-RT-2342MS

Tgt Ion:152 Resp: 94860
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 55.7 50.1 75.1



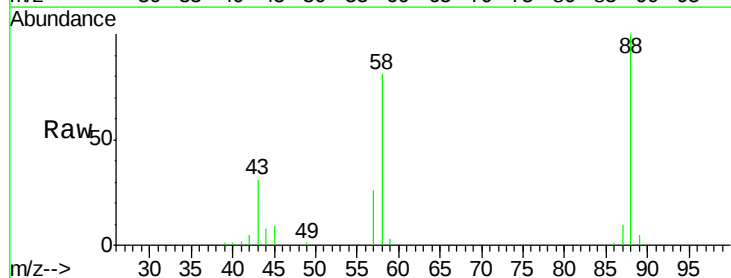
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



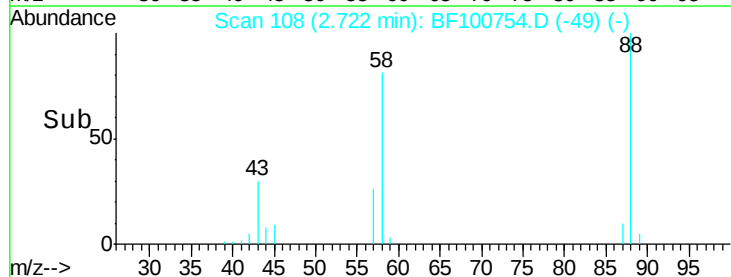
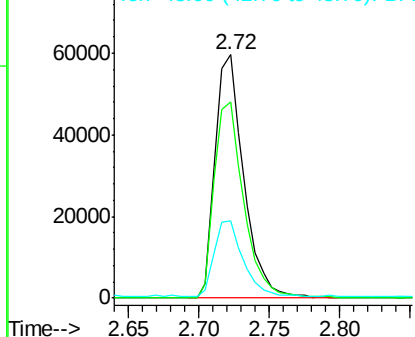
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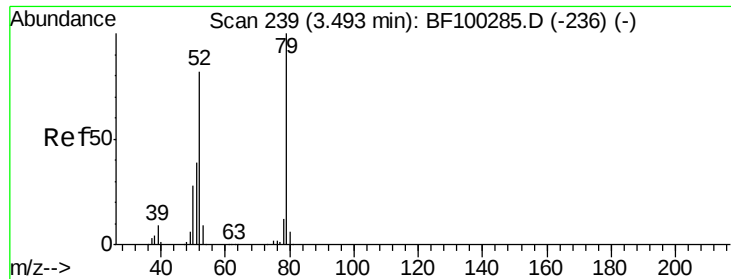
1,4-Dioxane
Concen: 29.27 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 88 Resp: 84397
Ion Ratio Lower Upper
88 100
58 83.0 62.6 93.8
43 31.2 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

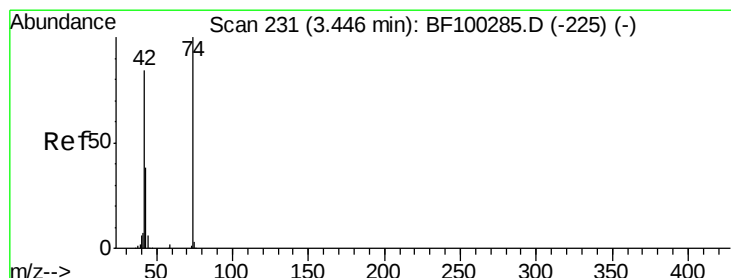
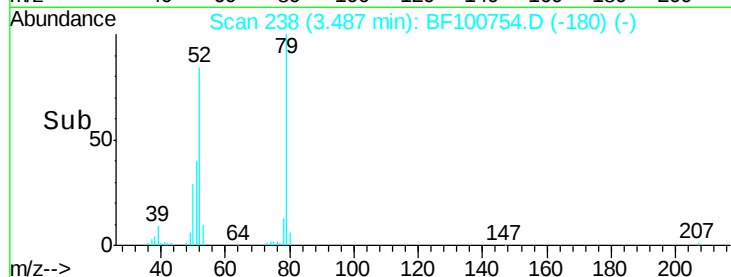
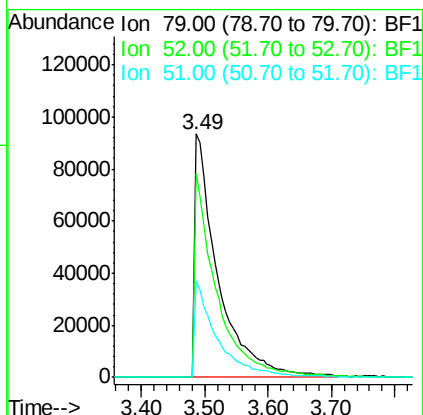
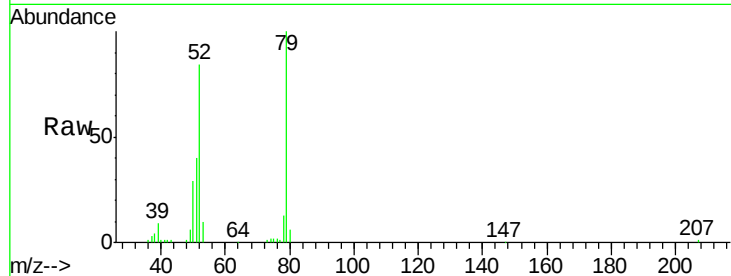




#3
 Pyridine
 Concen: 30.18 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.04 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

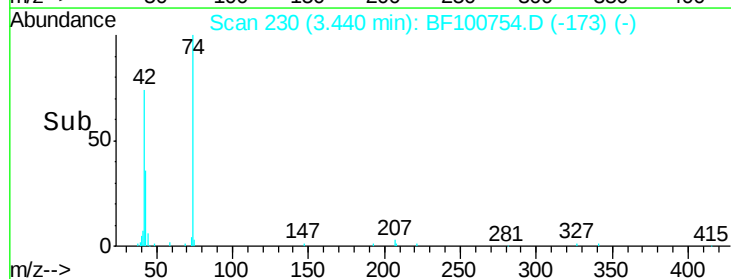
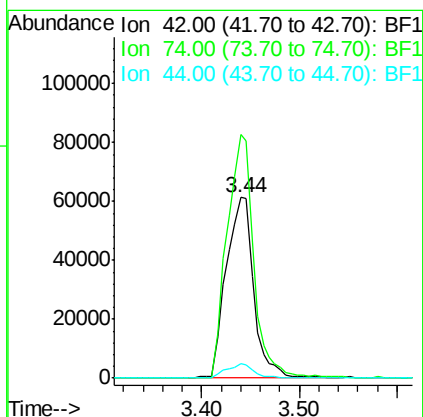
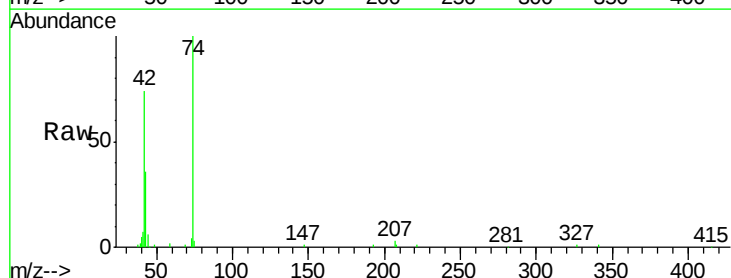
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

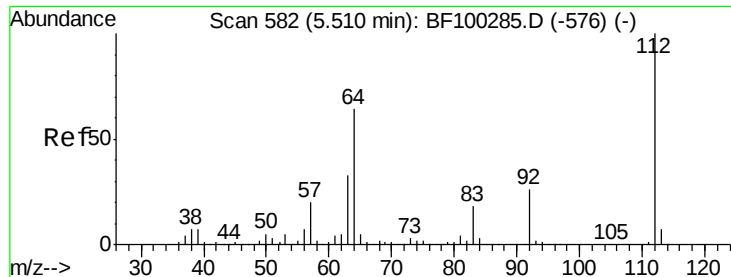
Tgt Ion: 79 Resp: 237483
 Ion Ratio Lower Upper
 79 100
 52 83.7 59.8 89.6
 51 39.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.44 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.04 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion: 42 Resp: 120116
 Ion Ratio Lower Upper
 42 100
 74 135.0 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 120.89 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

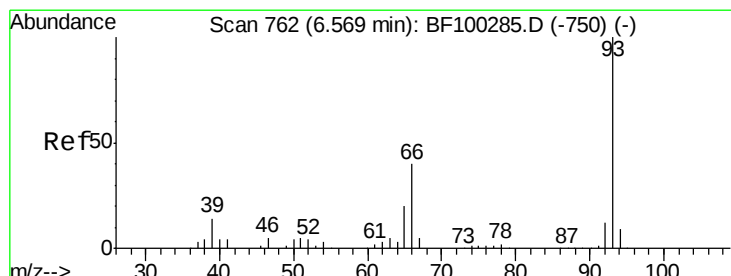
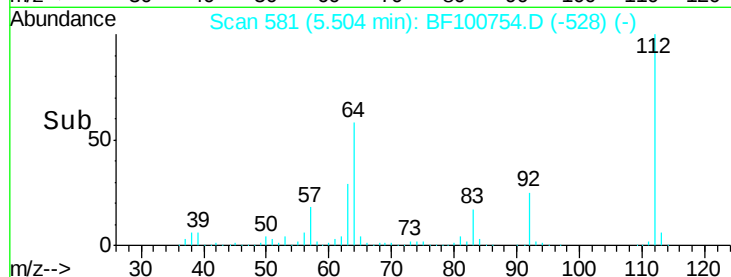
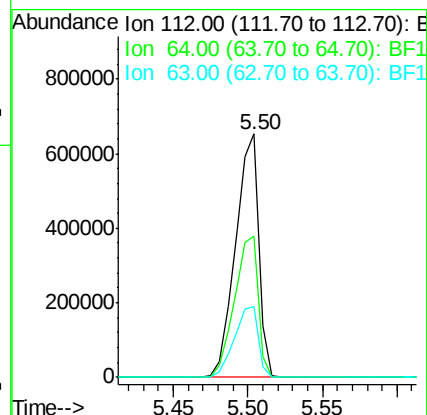
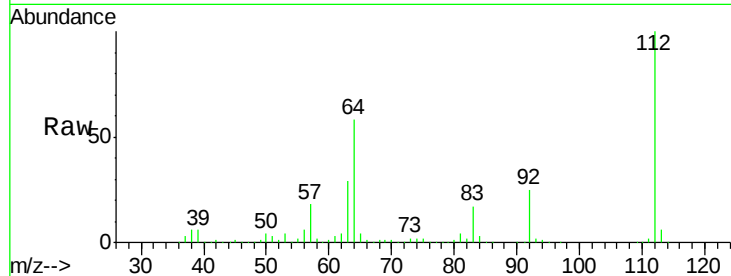
Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

Tgt Ion:	112	Resp:	715414
Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.3	23.7	35.5



#6

Aniline

Concen: 24.98 ng

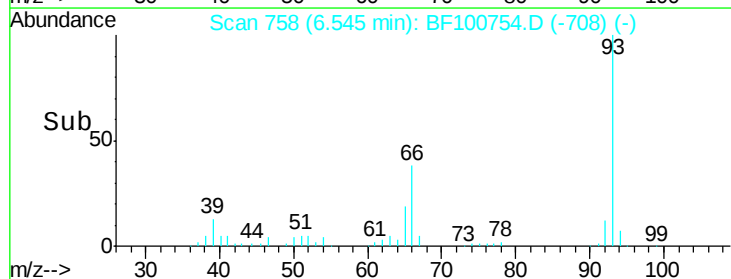
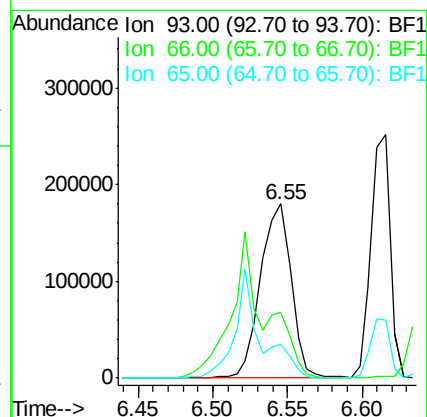
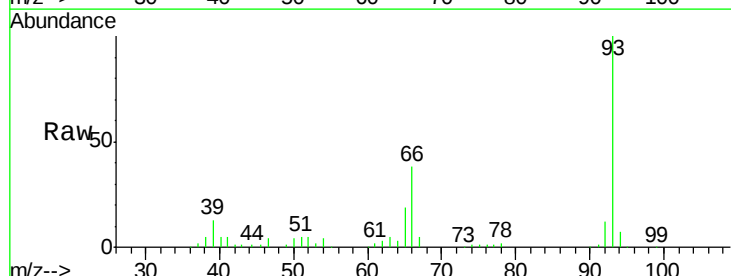
RT: 6.55 min Scan# 758

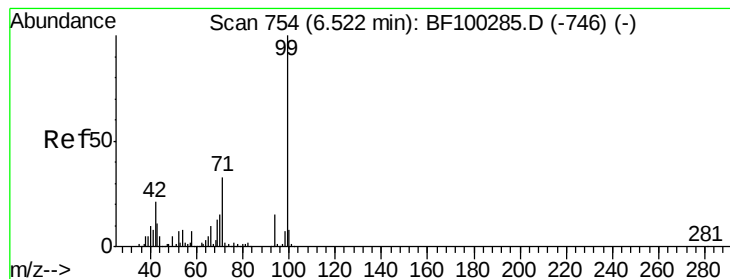
Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Tgt Ion:	93	Resp:	257529
Ion	Ratio	Lower	Upper
93	100		
66	37.7	32.2	48.2
65	19.1	16.4	24.6





#7

Phenol-d6

Concen: 120.03 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

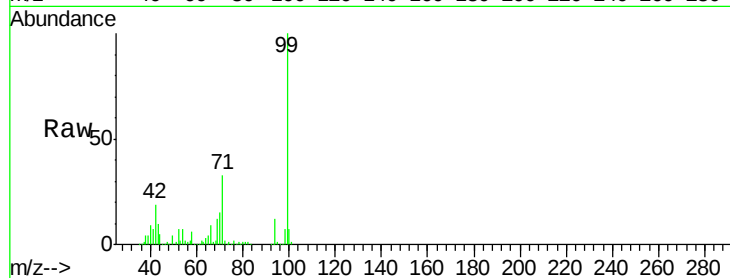
Tgt Ion: 99 Resp: 875920

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

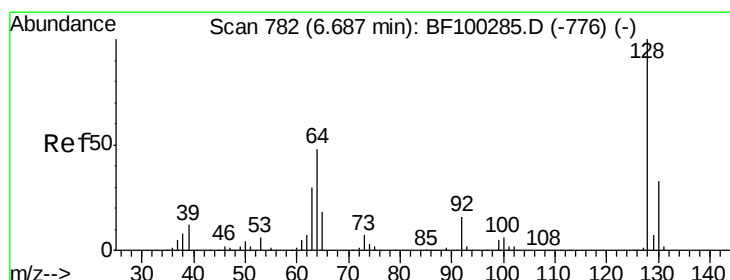
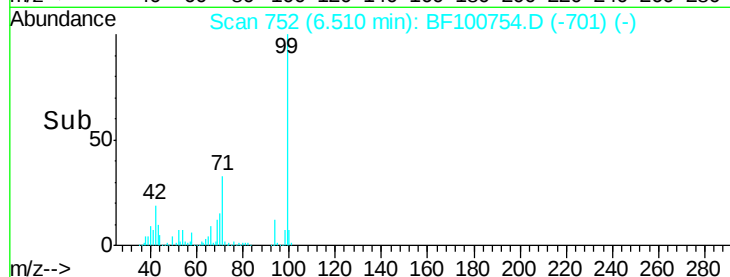
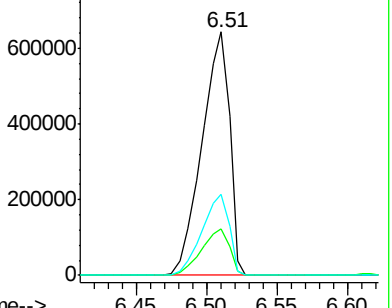
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.20 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

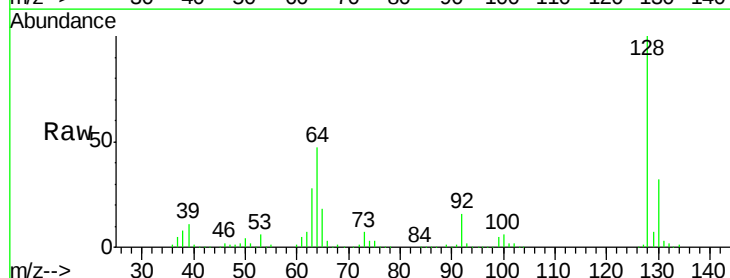
Tgt Ion: 128 Resp: 245435

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

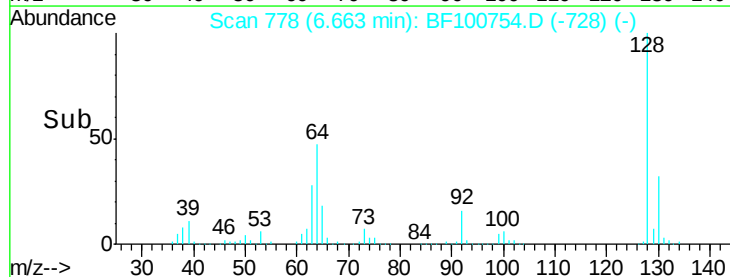
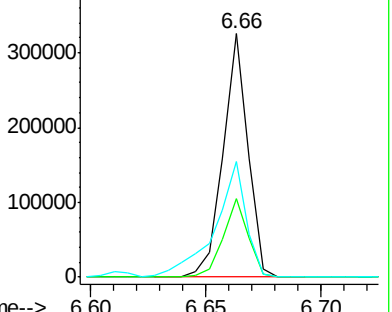
64 47.5 29.4 69.4

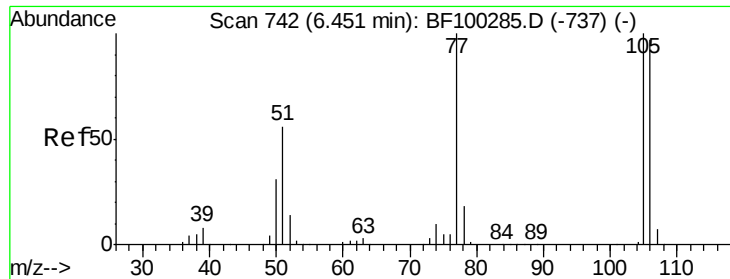


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

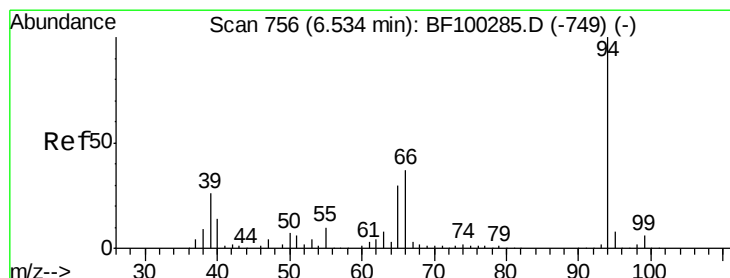
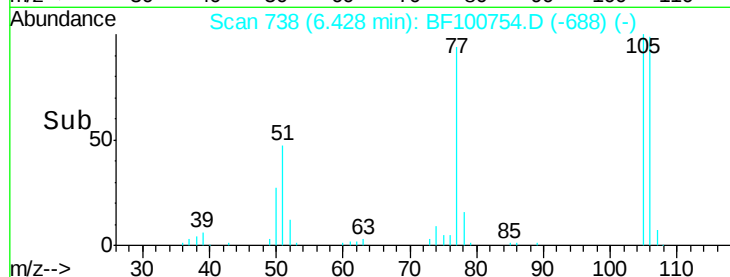
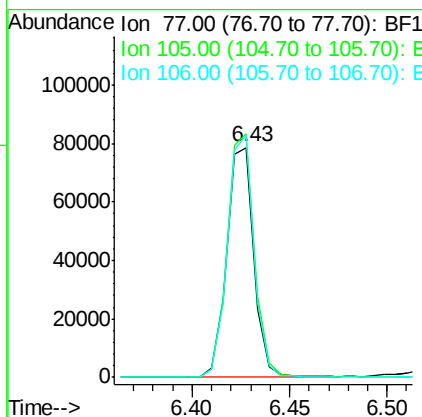
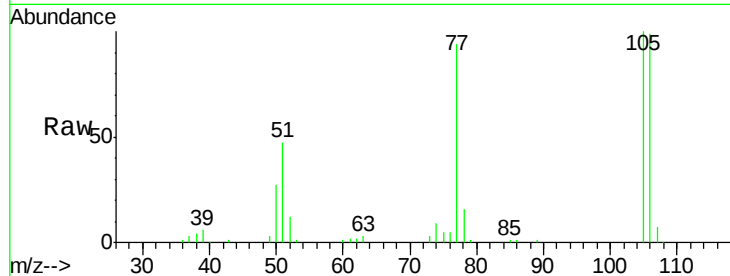




#9
Benzaldehyde
Concen: 14.49 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100754.D
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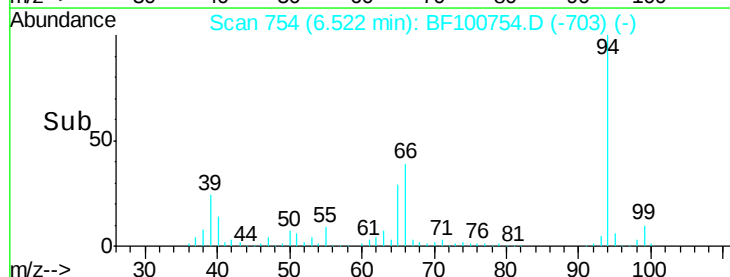
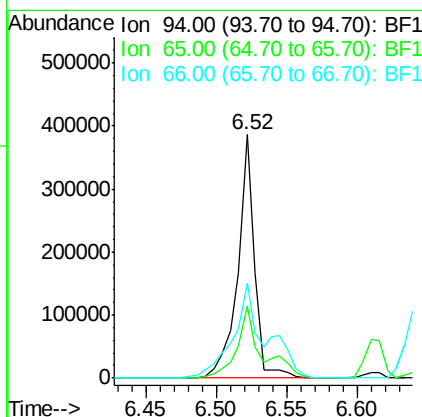
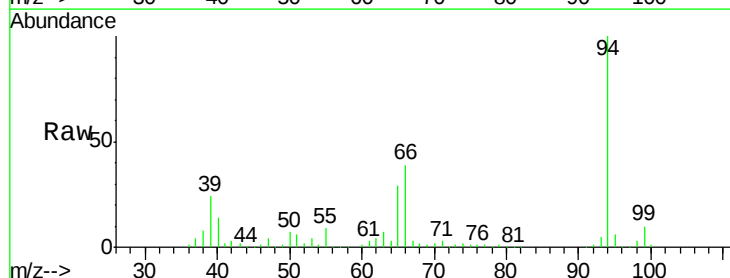
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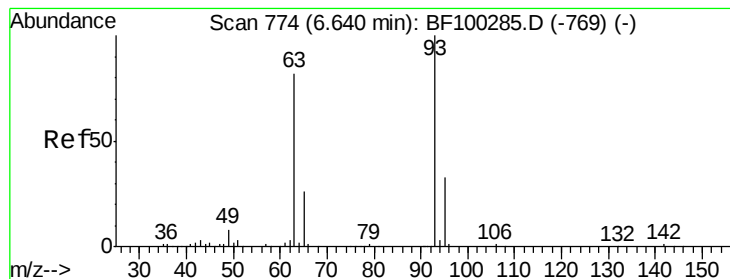
Tgt Ion: 77 Resp: 75531
Ion Ratio Lower Upper
77 100
105 106.0 81.1 121.1
106 105.4 74.5 114.5



#10
Phenol
Concen: 41.61 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 94 Resp: 318744
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 39.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.16 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

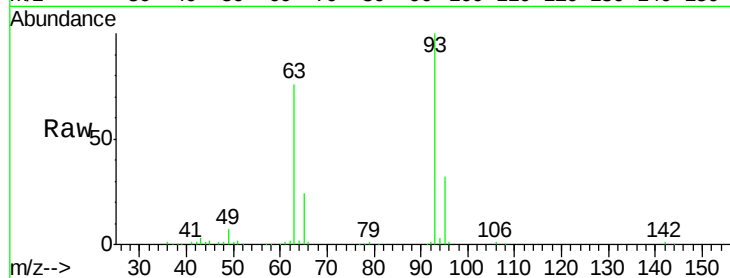
Tgt Ion: 93 Resp: 226246

Ion Ratio Lower Upper

93 100

63 76.3 58.6 98.6

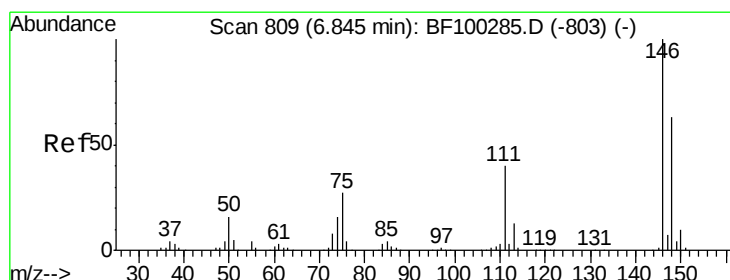
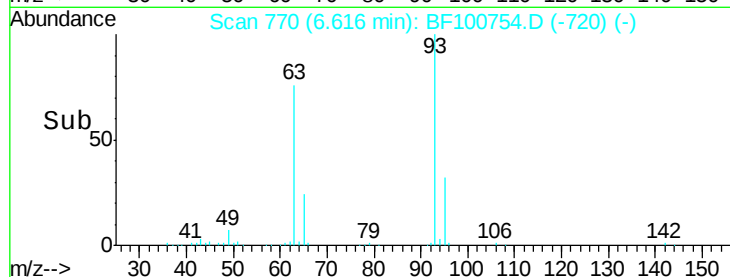
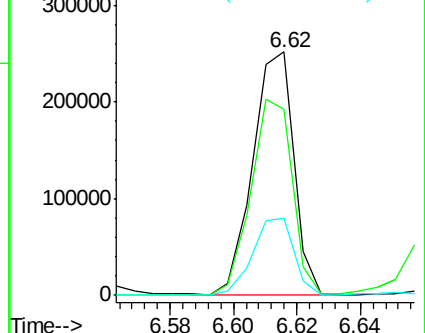
95 31.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.58 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

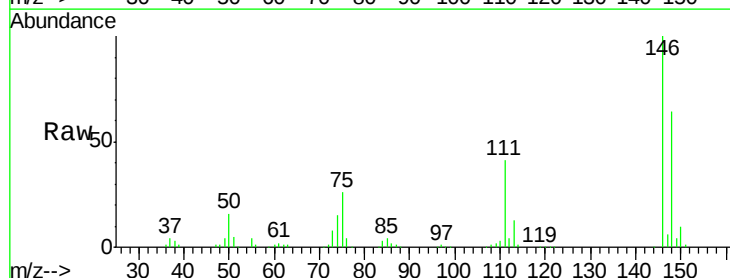
Tgt Ion: 146 Resp: 278486

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

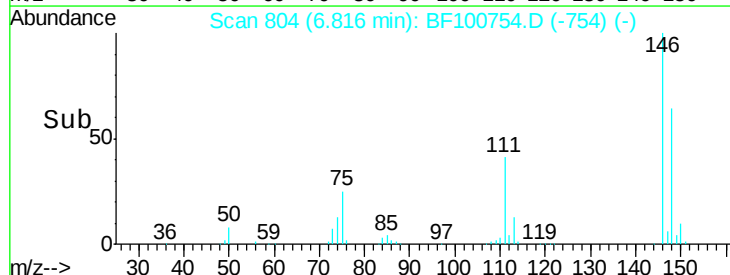
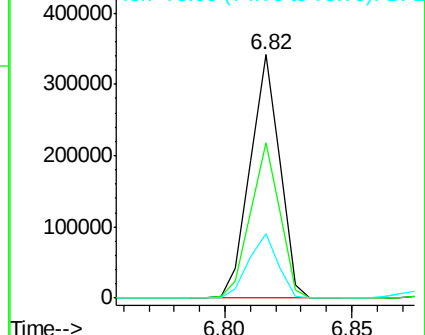
75 26.3 24.2 36.4

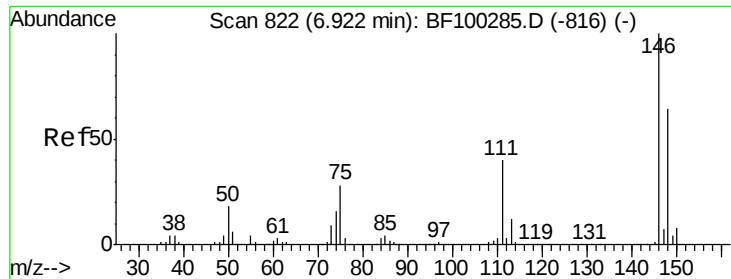


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

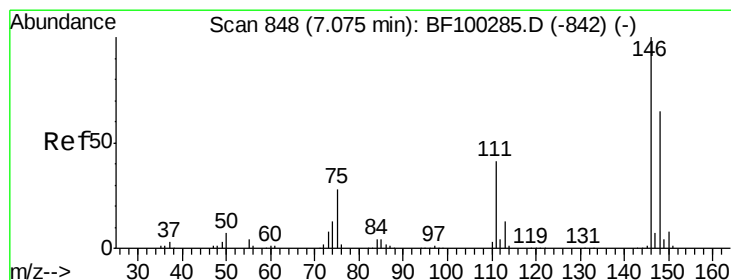
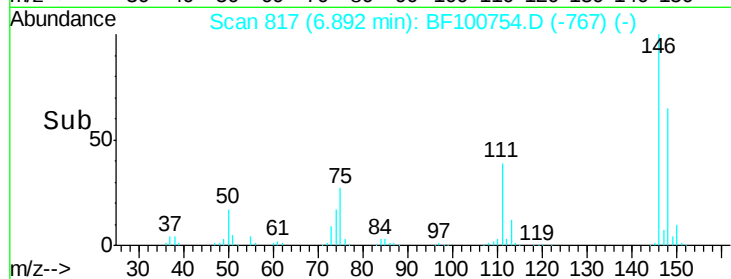
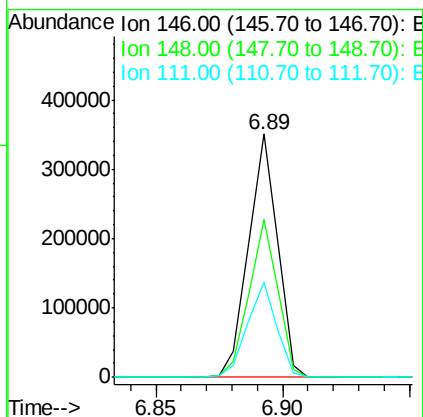
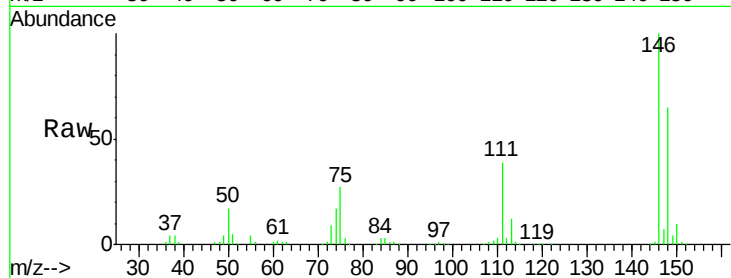




#13
 1,4-Dichlorobenzene
 Concen: 38.36 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

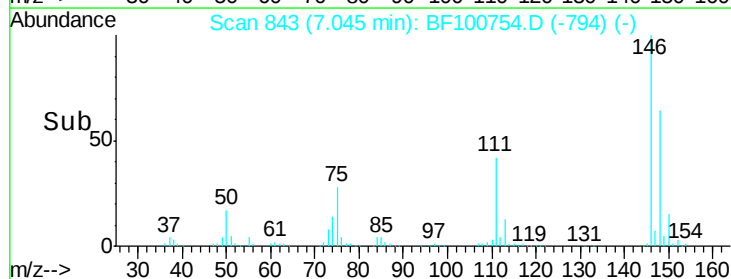
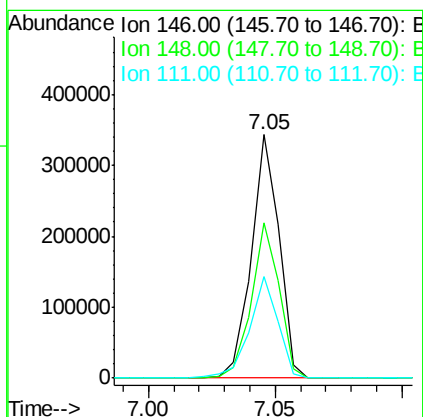
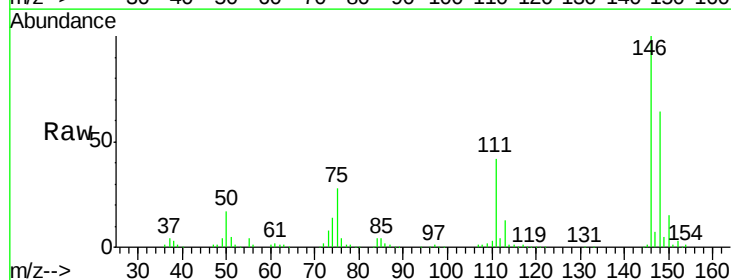
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

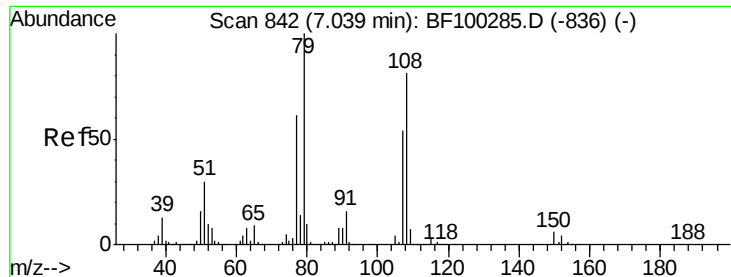
Tgt Ion:146 Resp: 280255
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 38.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.76 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:146 Resp: 261809
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.54 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

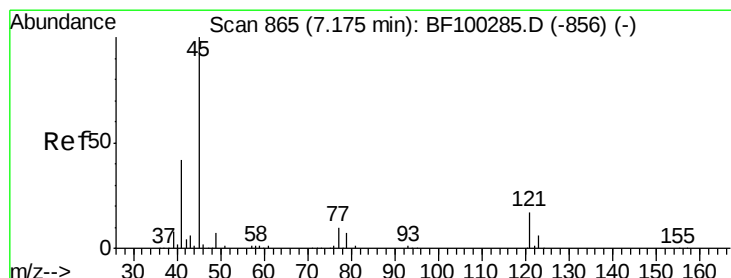
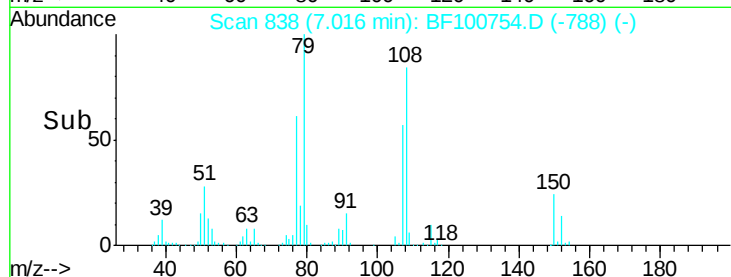
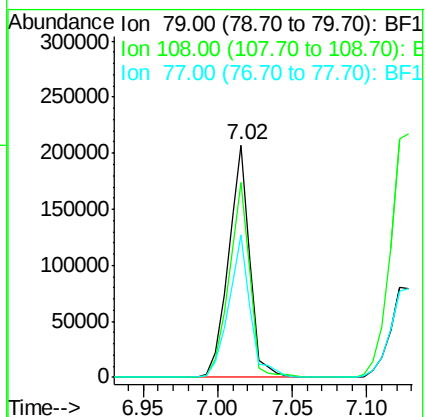
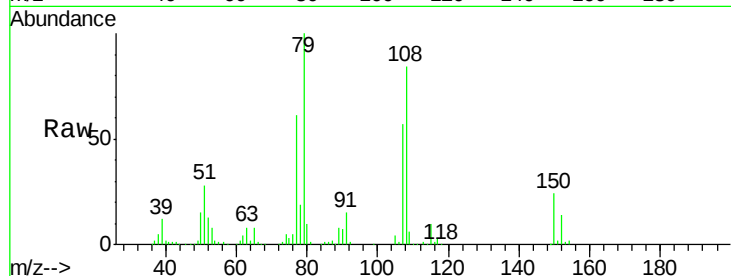
Tgt Ion: 79 Resp: 208092

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.64 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

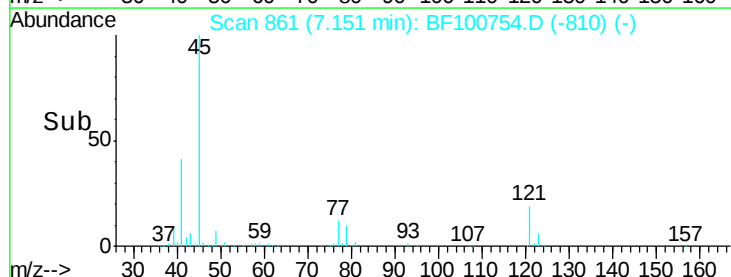
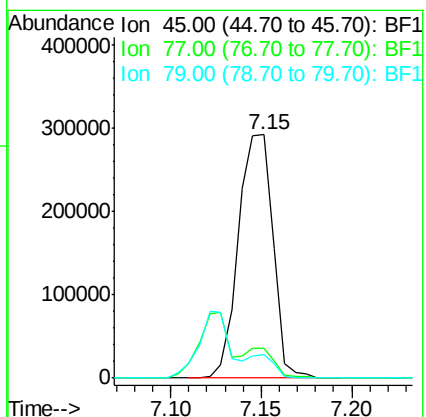
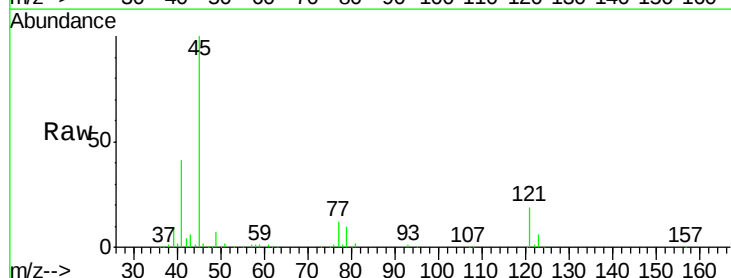
Tgt Ion: 45 Resp: 387394

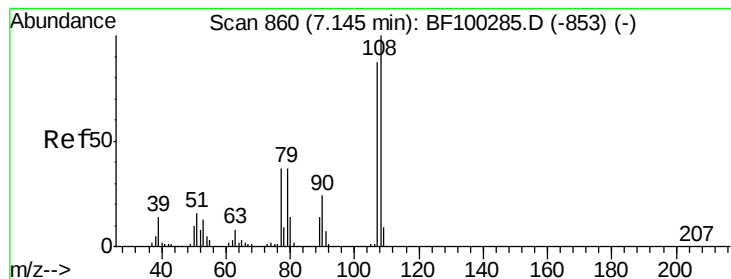
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.7 0.0 29.6





#17

2-Methylphenol

Concen: 39.40 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

Tgt Ion:107 Resp: 210769

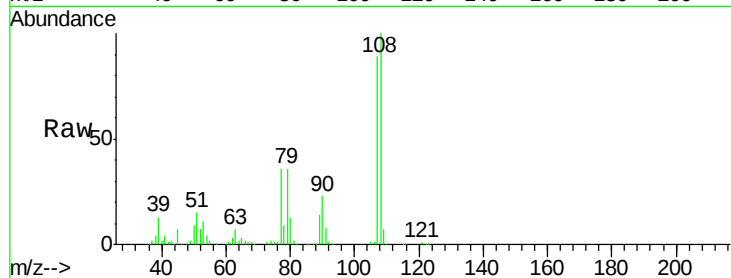
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 41.0 33.8 50.8

79 41.0 33.8 50.8

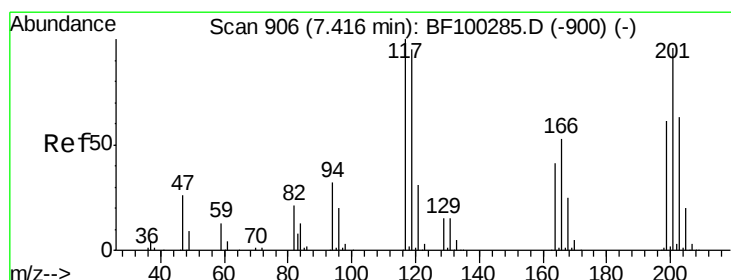
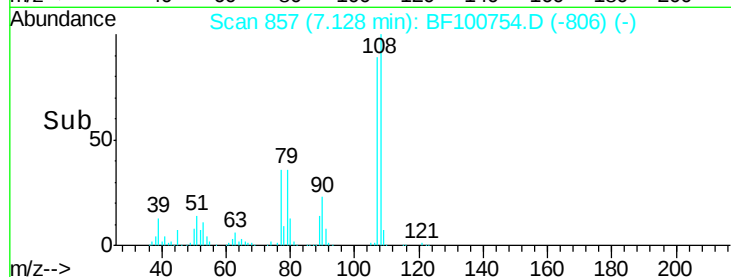
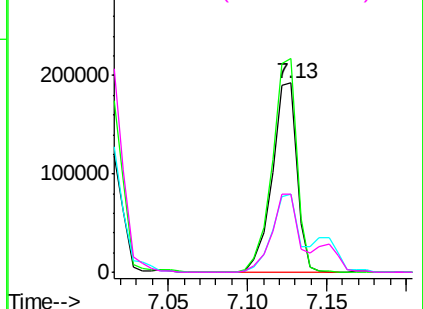


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.87 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

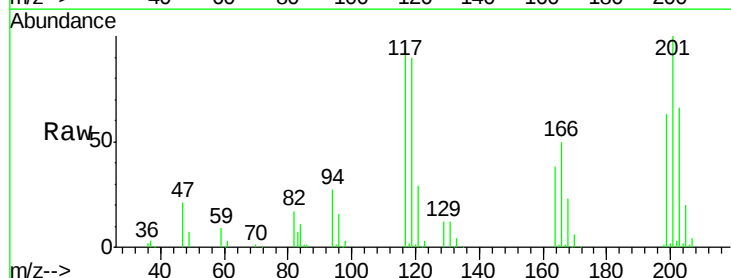
Tgt Ion:117 Resp: 81577

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

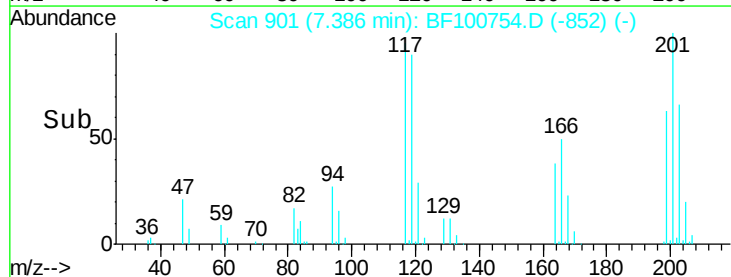
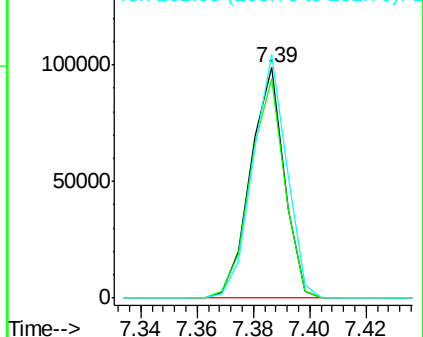
201 105.7 75.7 113.5

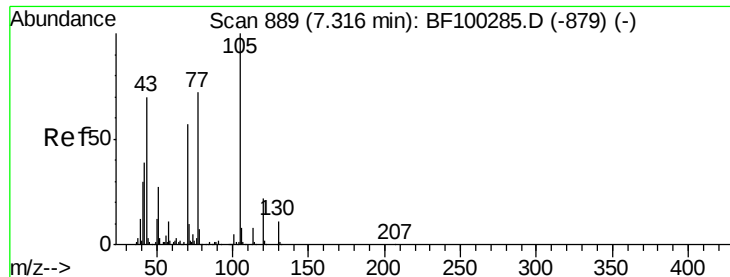


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

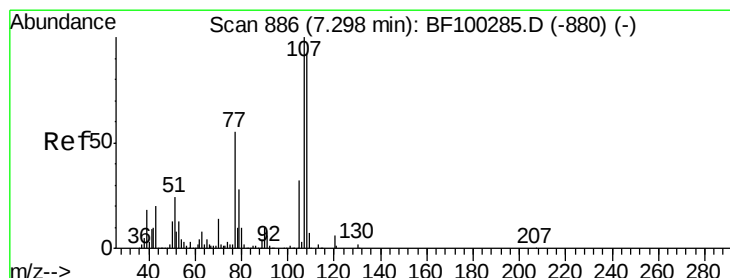
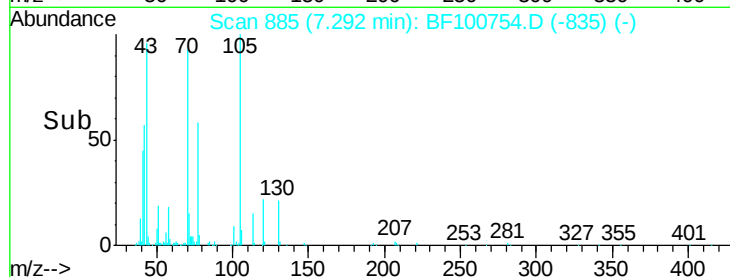
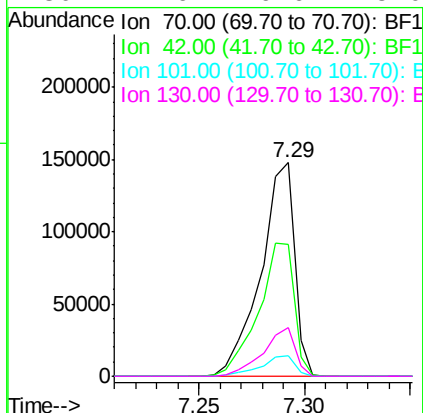
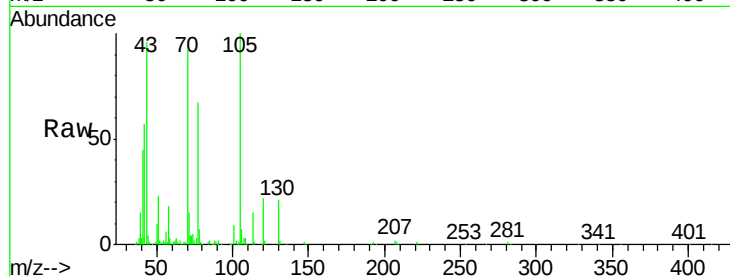




#19
n-Nitroso-di-n-propylamine
Concen: 32.61 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

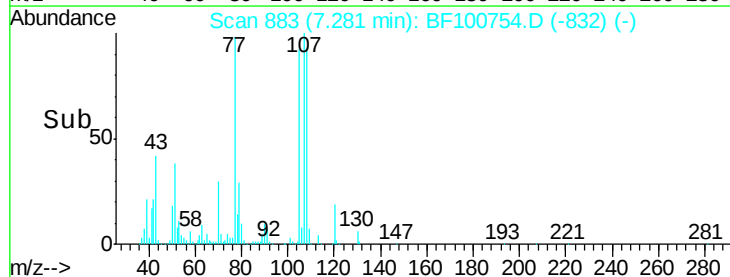
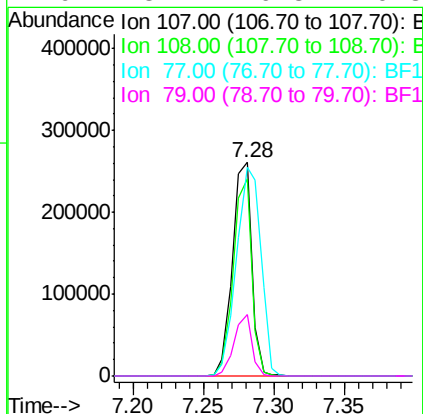
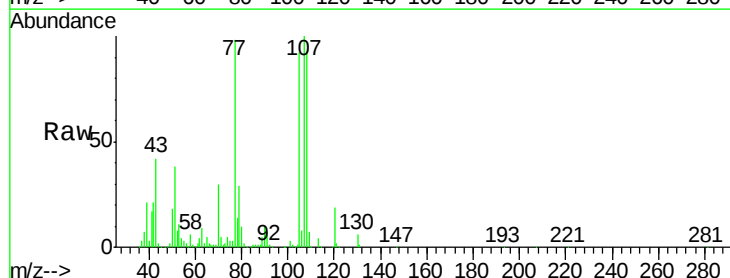
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

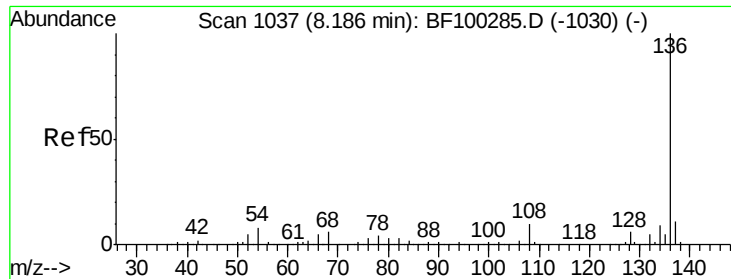
Tgt Ion:	70	Resp:	165021
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.5	71.3
101	9.4	7.4	11.2
130	22.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.97 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:	107	Resp:	250266
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.2	108.2
77	97.6	26.7	66.7#
79	28.7	6.3	46.3

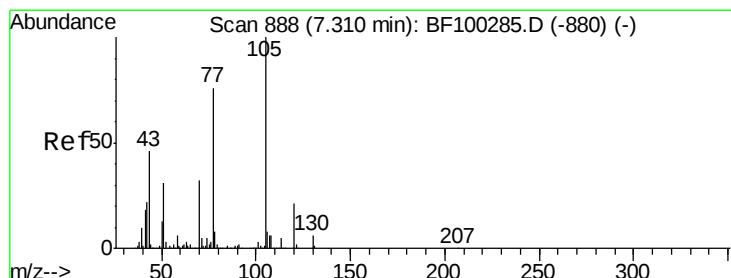
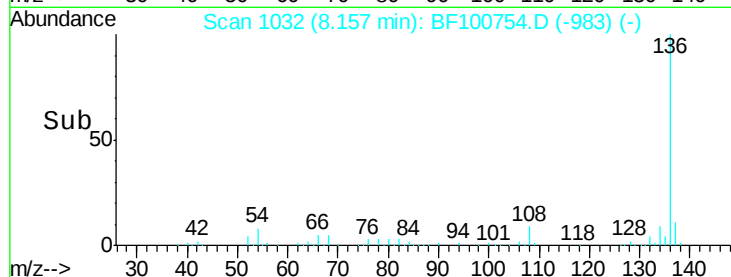
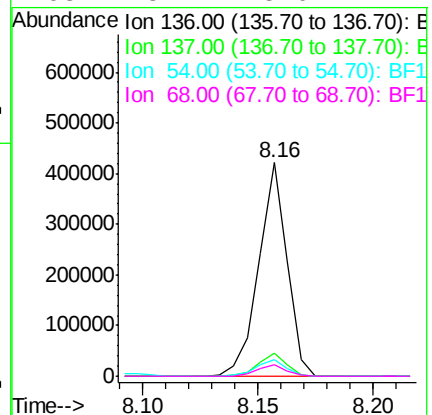
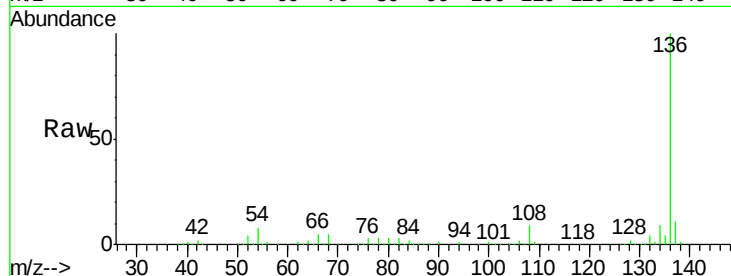




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

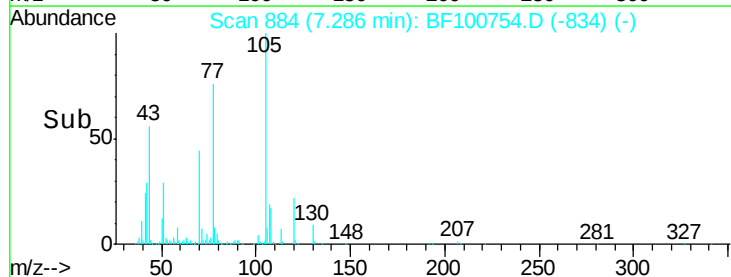
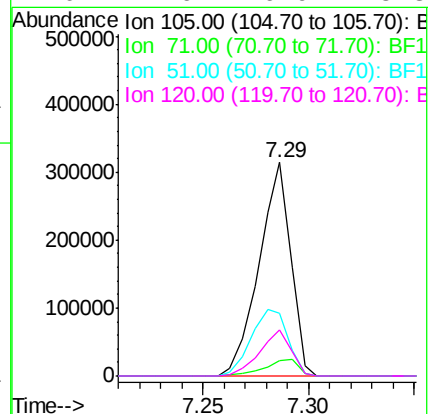
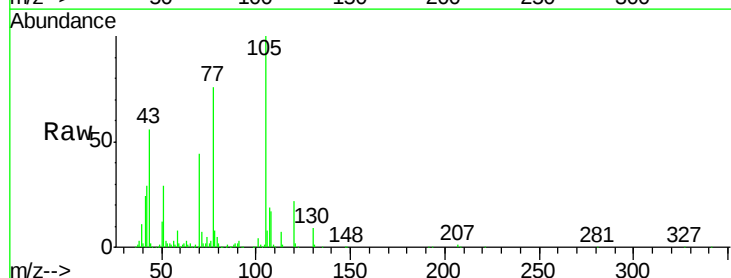
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

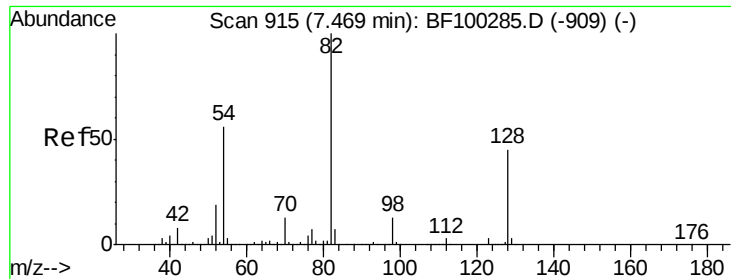
Tgt Ion:	136	Resp:	361449
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	5.2	5.0	7.4



#22
Acetophenone
Concen: 37.20 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:	105	Resp:	327849
Ion Ratio	Lower	Upper	
105	100		
71	7.2	4.4	6.6#
51	29.1	22.3	33.5
120	21.6	16.9	25.3

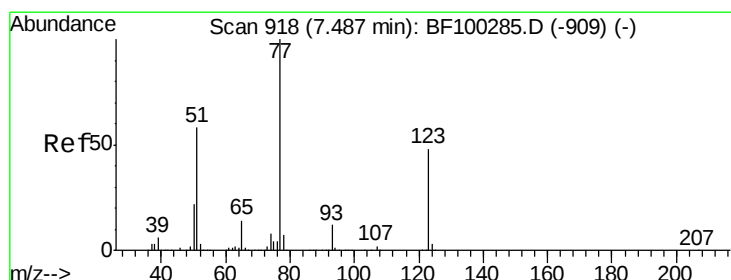
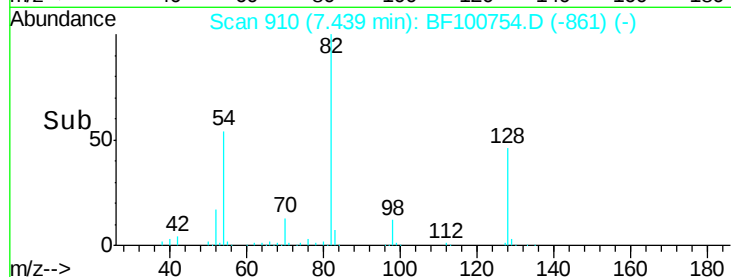
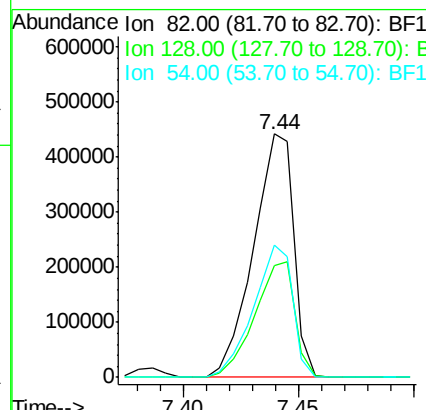
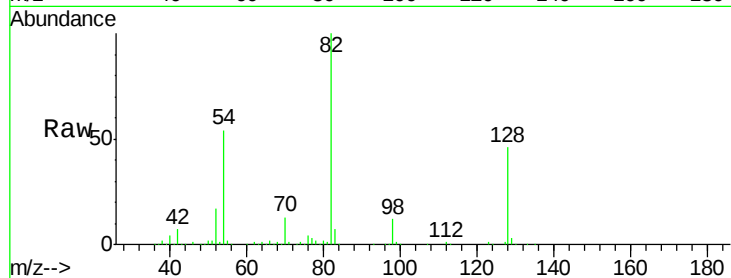




#23
 Nitrobenzene-d5
 Concen: 98.44 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

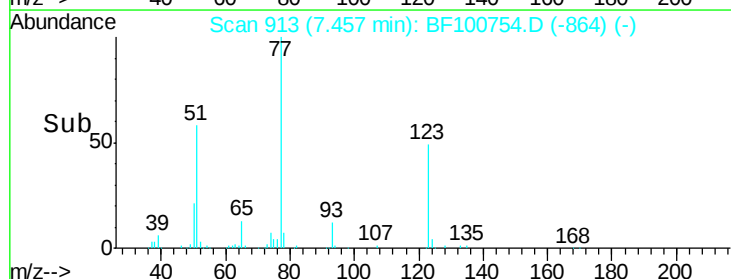
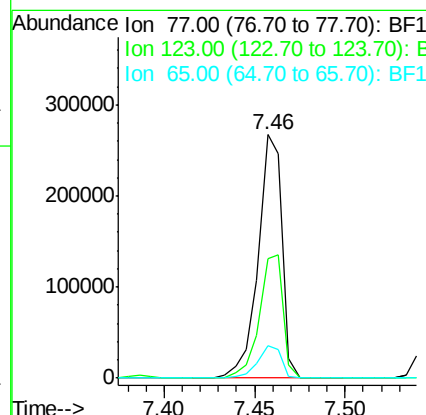
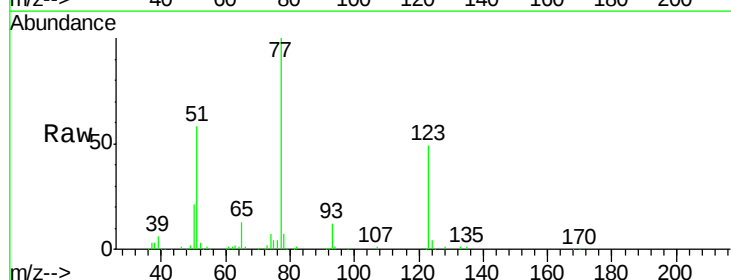
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

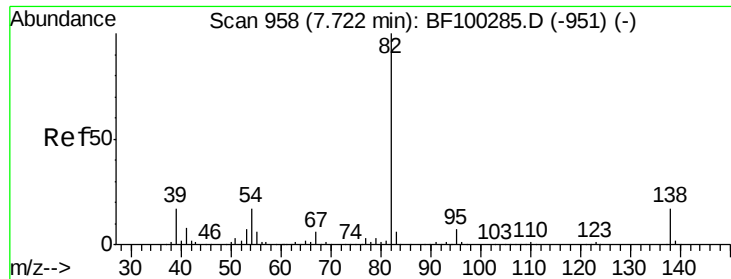
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.46 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	13.3	11.0	16.4

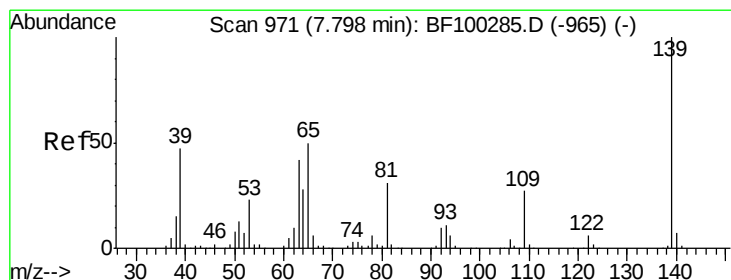
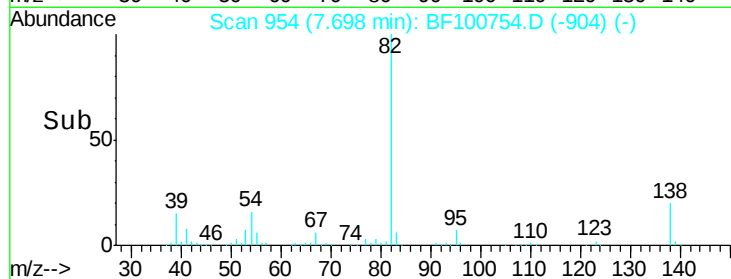
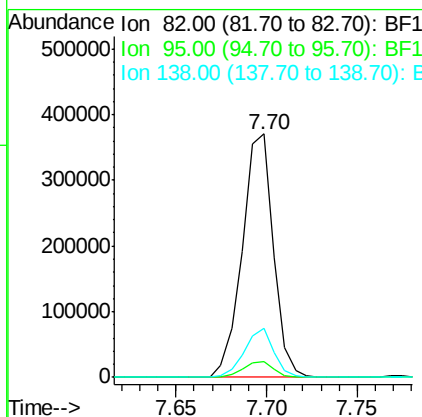
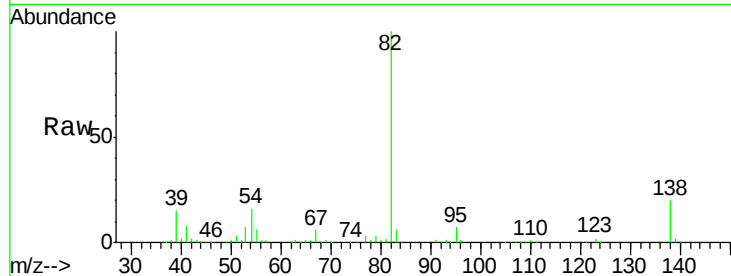




#25
Isophorone
Concen: 38.59 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

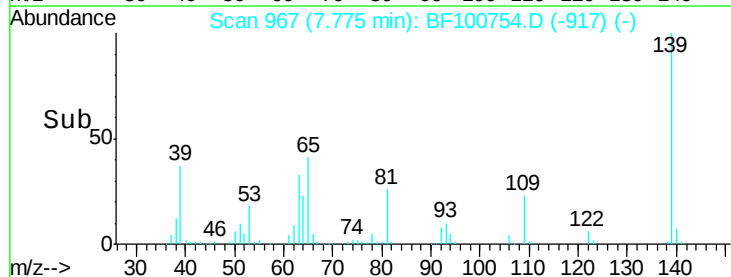
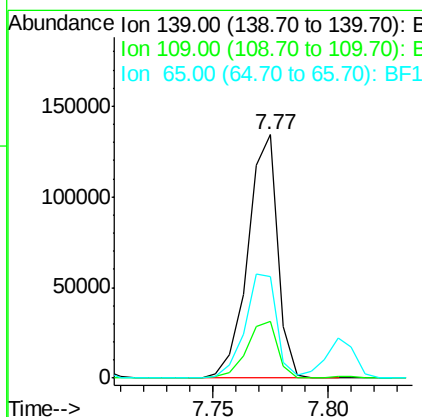
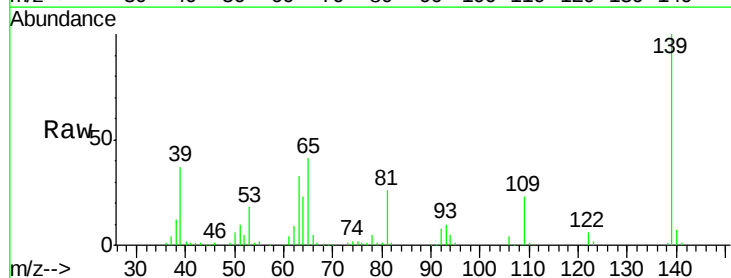
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

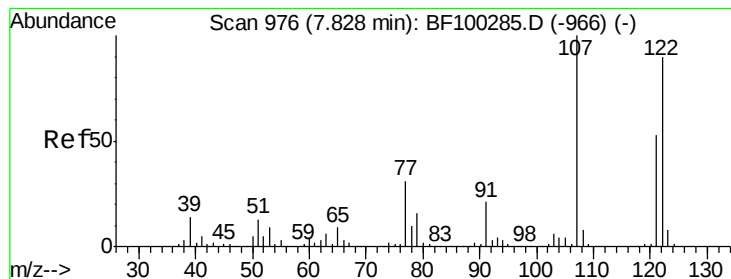
Tgt Ion: 82 Resp: 443303
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 20.0 14.9 22.3



#26
2-Nitrophenol
Concen: 46.17 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 139 Resp: 121208
Ion Ratio Lower Upper
139 100
109 23.1 22.7 34.1
65 41.5 40.5 60.7

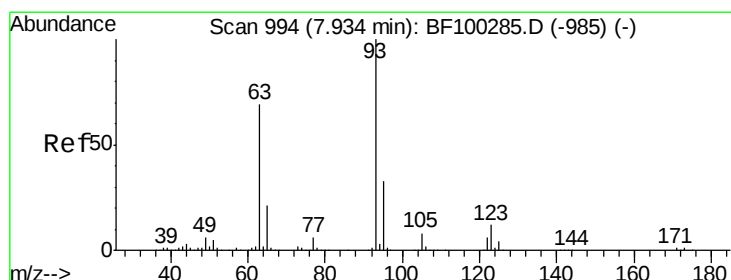
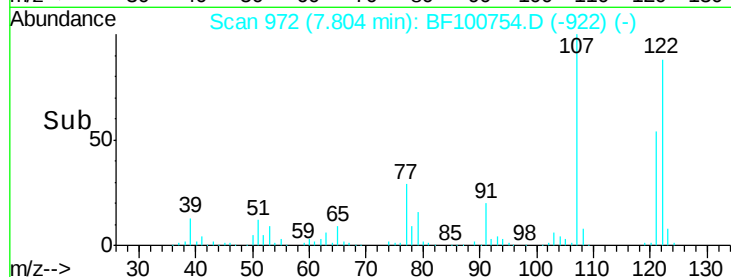
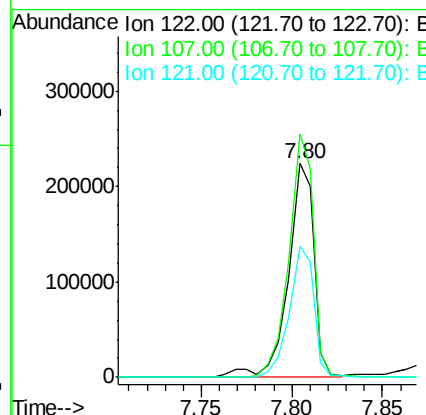
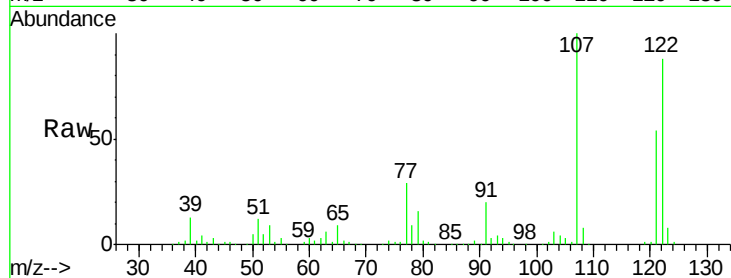




#27
 2,4-Dimethylphenol
 Concen: 43.03 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

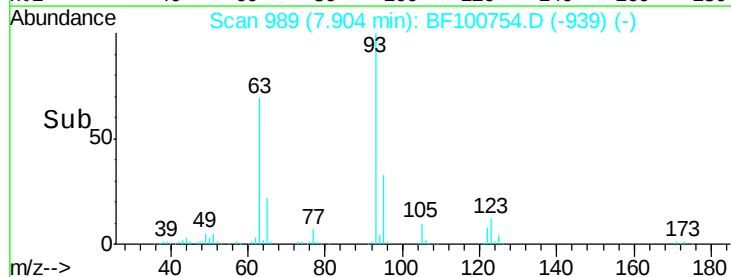
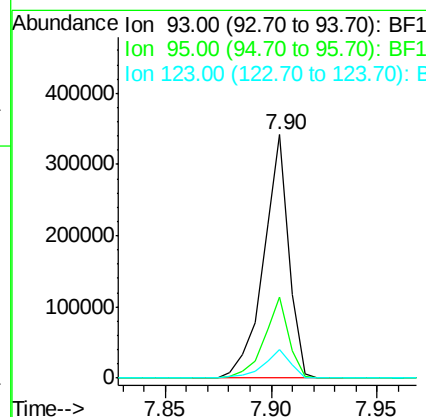
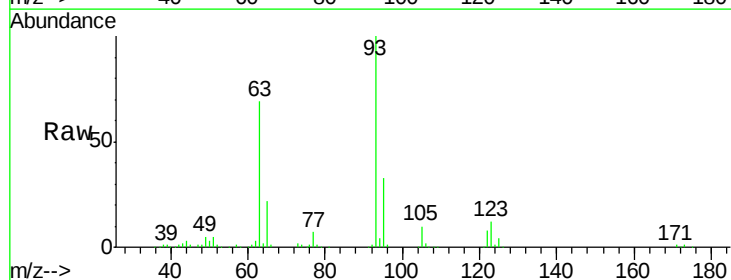
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

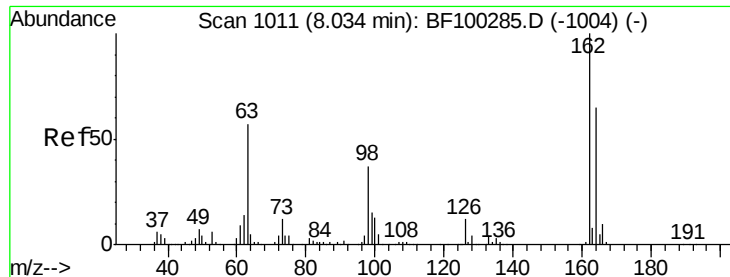
Tgt Ion:122 Resp: 221617
 Ion Ratio Lower Upper
 122 100
 107 113.9 91.2 136.8
 121 61.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.57 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion: 93 Resp: 282361
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.39 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

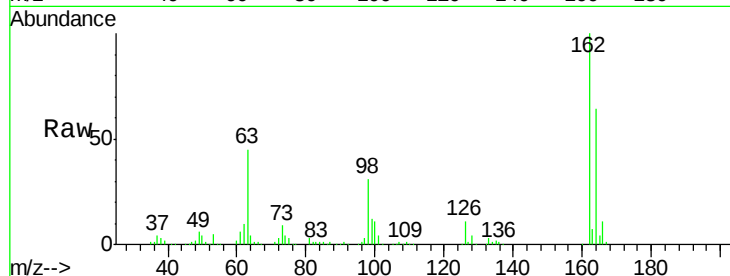
Tgt Ion:162 Resp: 208424

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

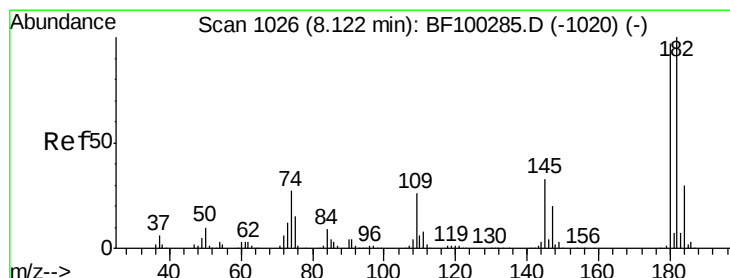
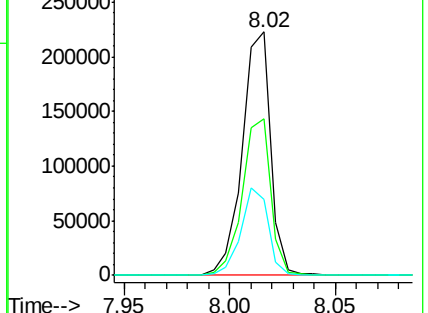
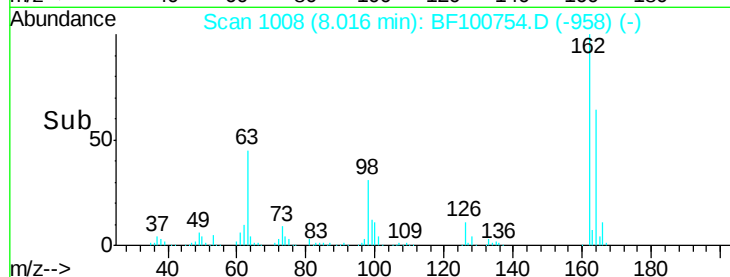
98 31.4 18.1 58.1



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: 41.39 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

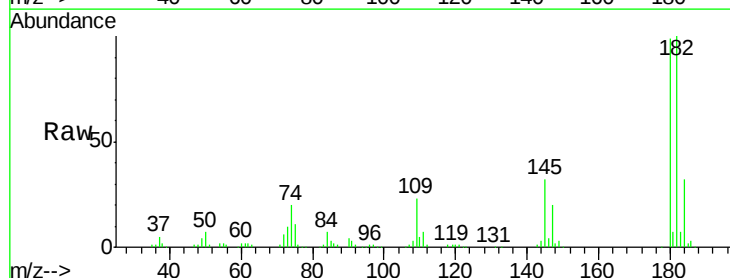
Tgt Ion:180 Resp: 220110

Ion Ratio Lower Upper

180 100

182 101.3 76.8 115.2

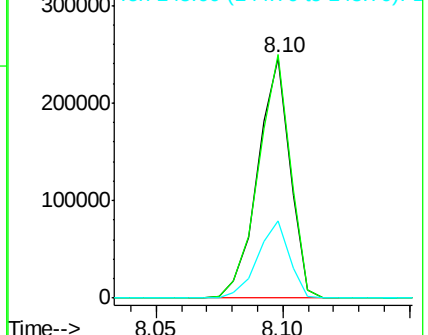
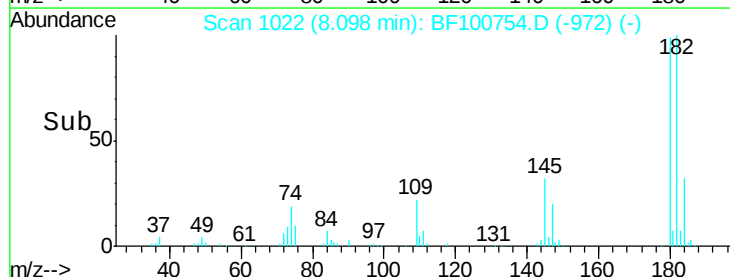
145 32.0 26.5 39.7

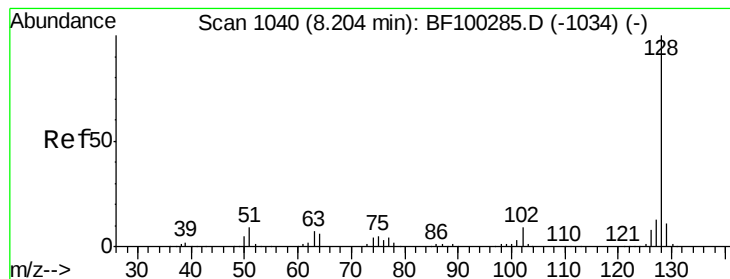


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.63 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

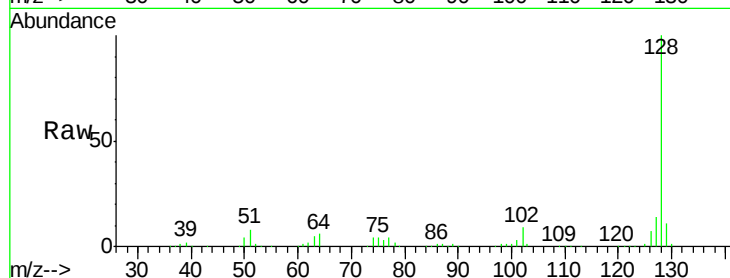
Tgt Ion:128 Resp: 689848

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

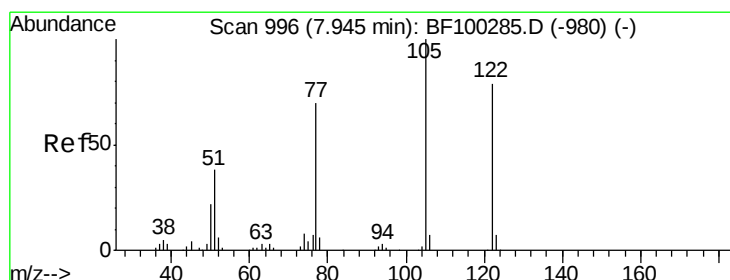
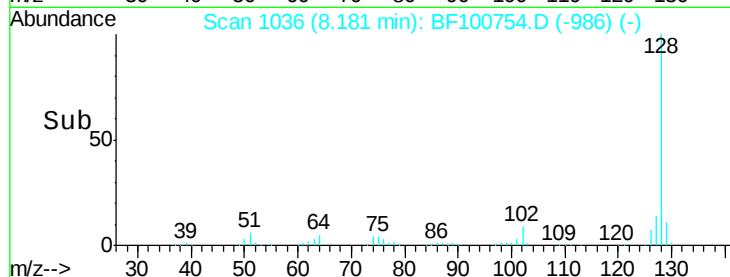
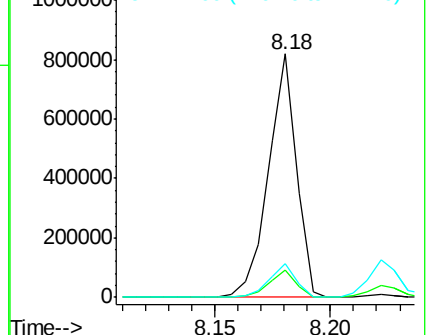
127 13.6 10.9 16.3



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: 23.38 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

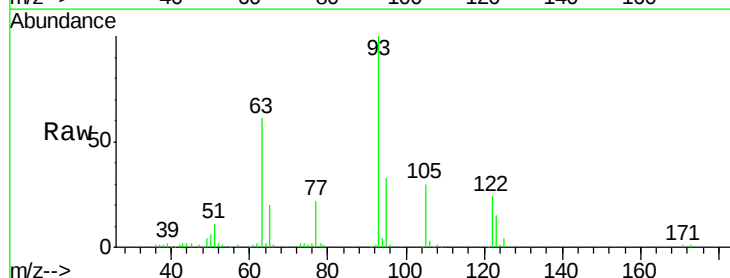
Tgt Ion:122 Resp: 68632

Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

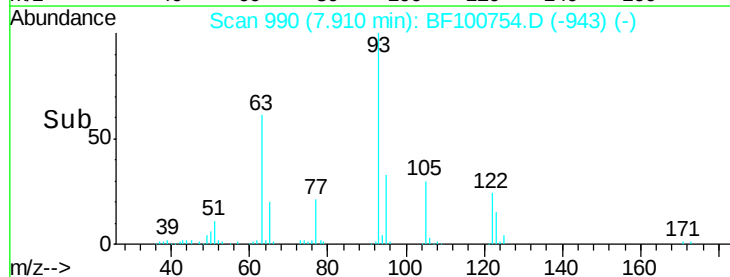
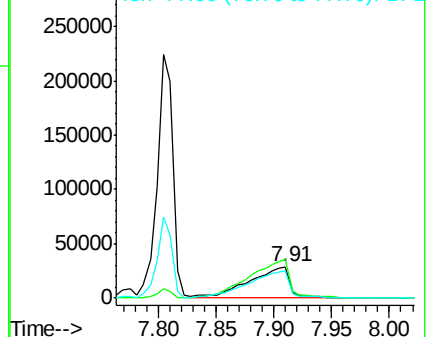
77 88.5 70.7 110.7

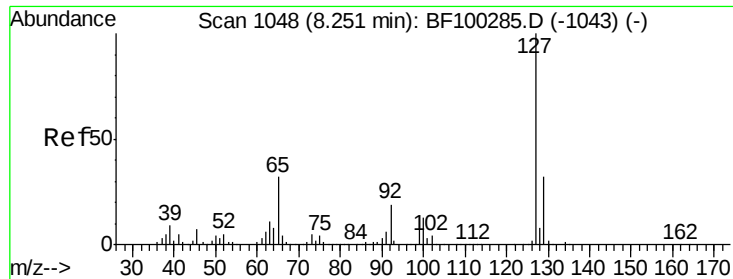


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

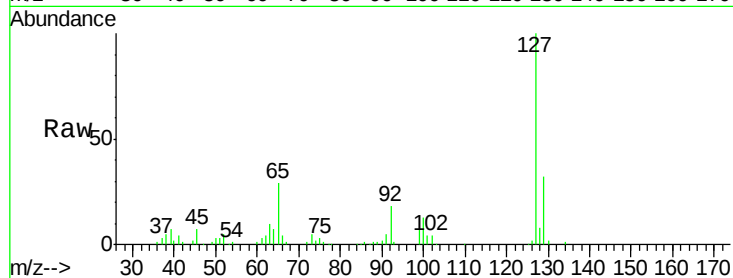




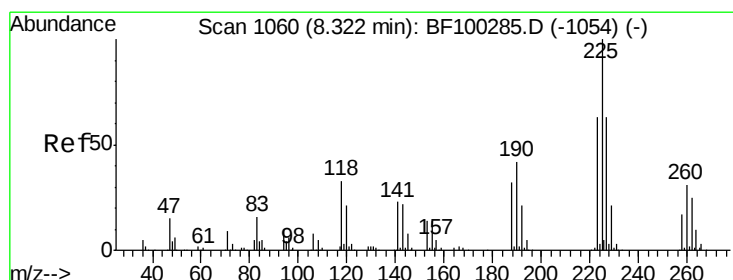
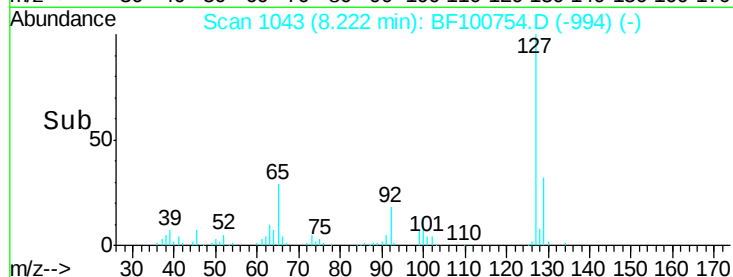
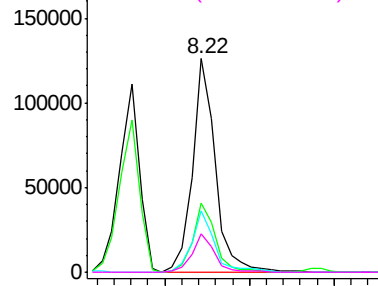
#33
4-Chloroaniline
Concen: 16.48 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Tgt Ion:	127	Resp:	119436
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	28.6	25.0	37.4
92	17.8	15.2	22.8

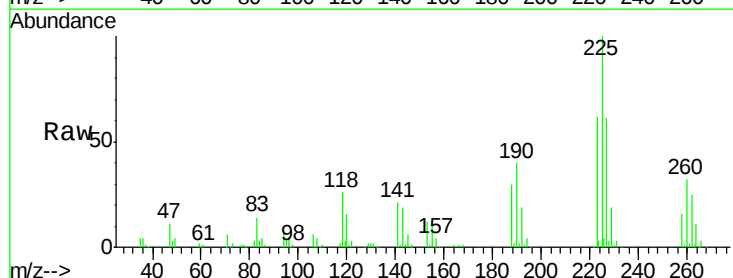


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

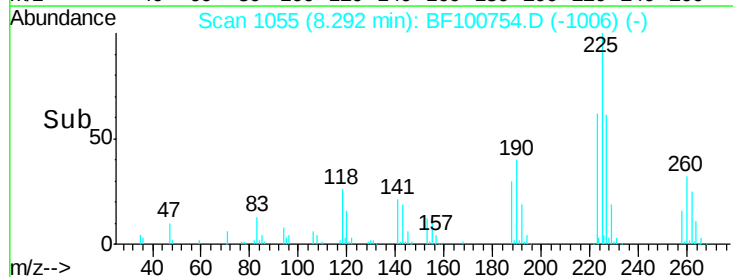
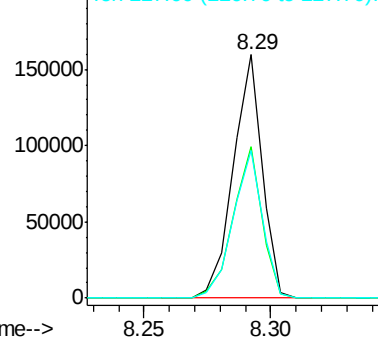


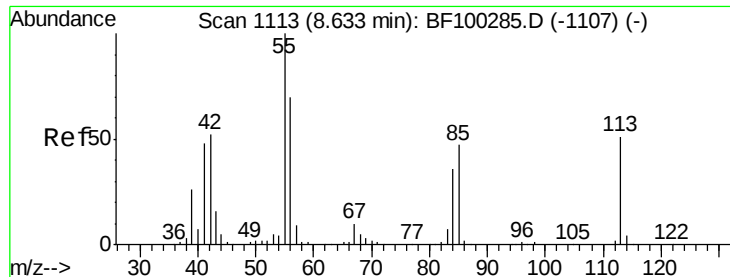
#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:	225	Resp:	128315
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	60.8	51.9	77.9



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

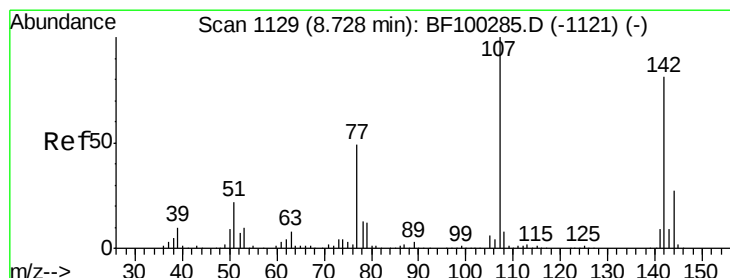
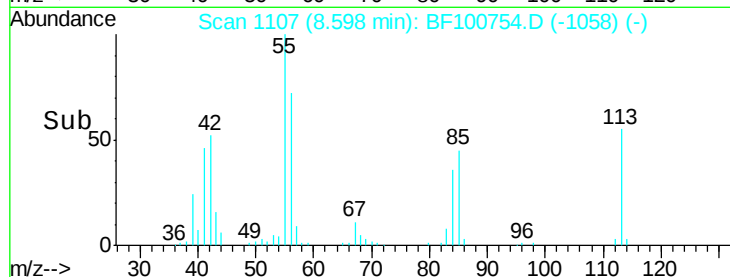
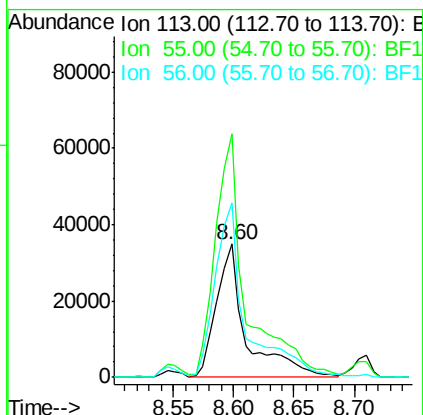
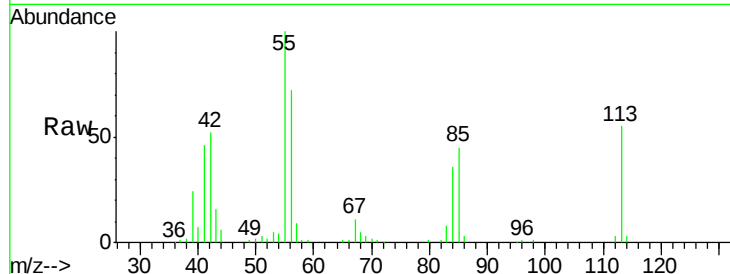




#35
 Caprolactam
 Concen: 35.71 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

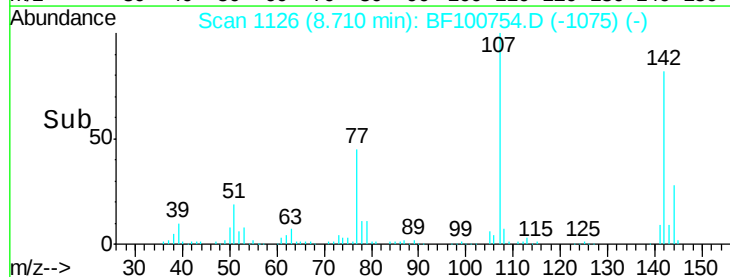
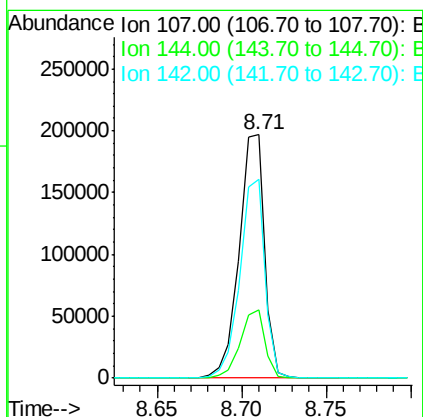
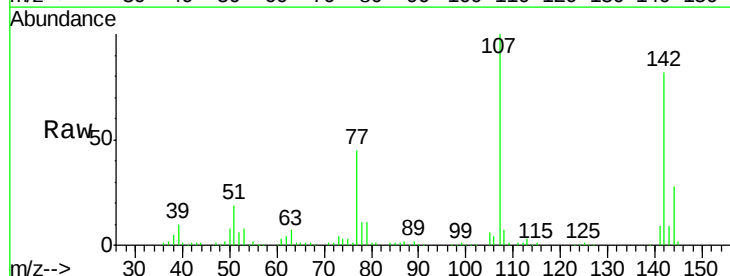
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

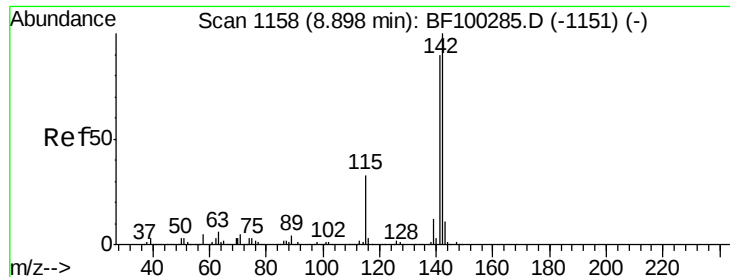
Tgt Ion:113 Resp: 60252
 Ion Ratio Lower Upper
 113 100
 55 183.0 163.3 203.3
 56 131.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.24 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:107 Resp: 207193
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.5 30.7
 142 81.7 62.0 93.0

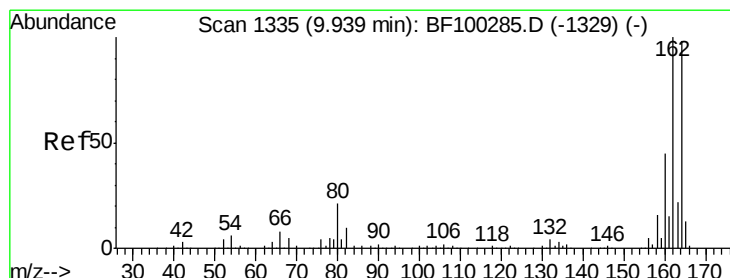
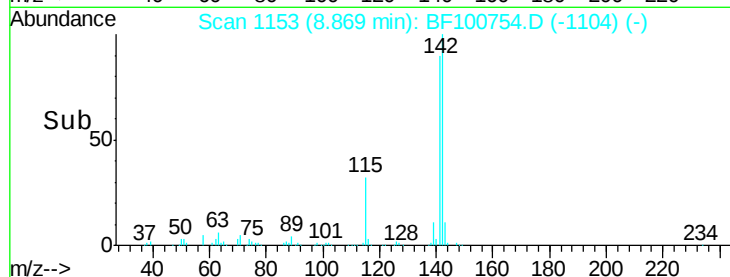
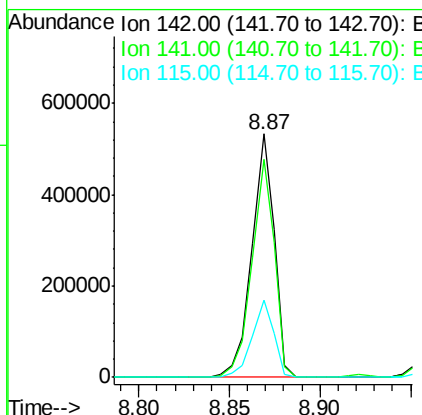
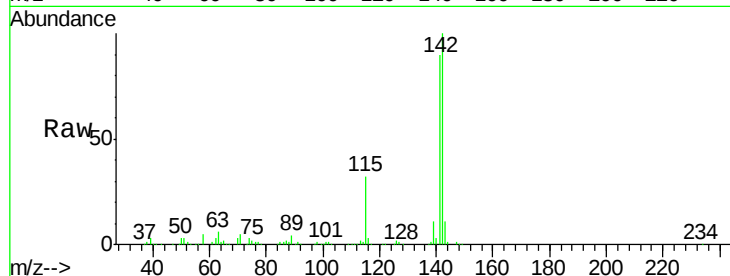




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

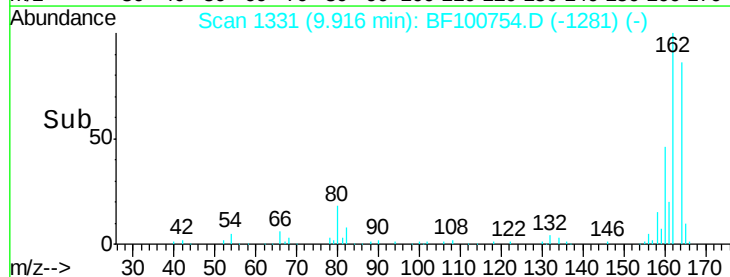
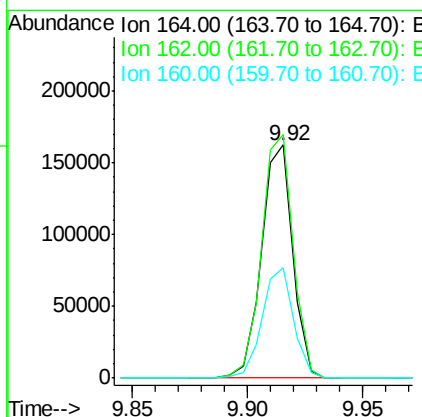
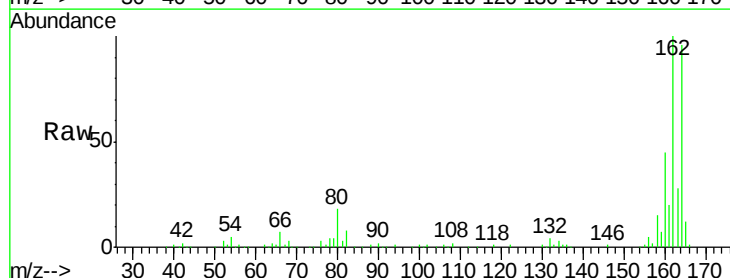
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

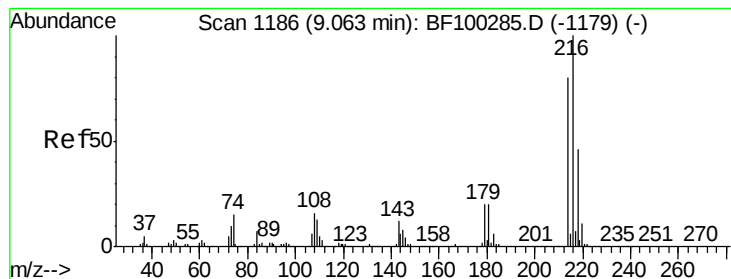
Tgt Ion:142 Resp: 459211
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 31.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:164 Resp: 152898
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 47.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.04 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

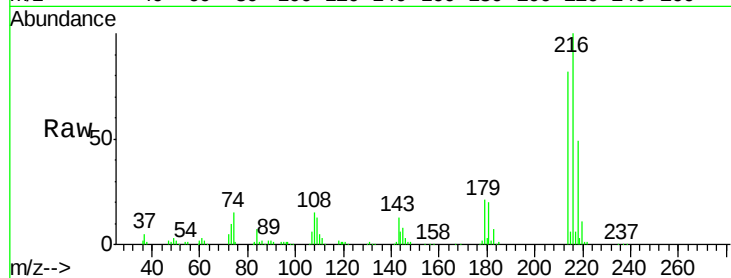
Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

Tgt Ion:	216	Resp:	213175
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	20.4	18.1	27.1
108	14.9	17.2	25.8#

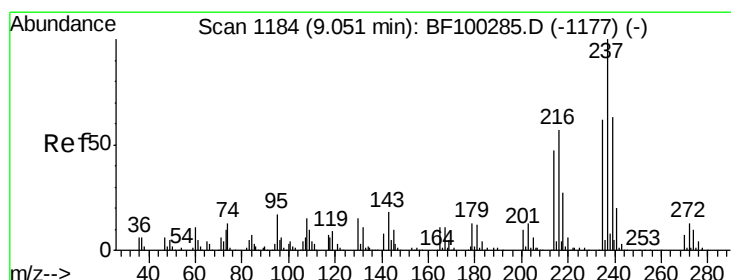
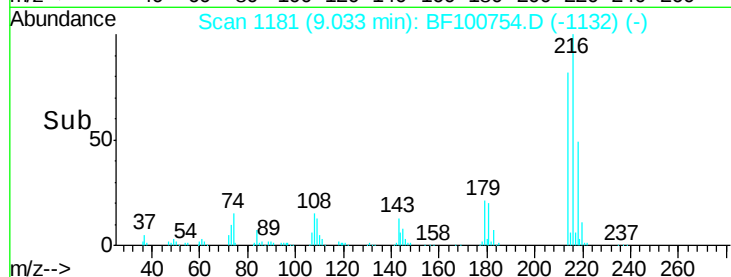
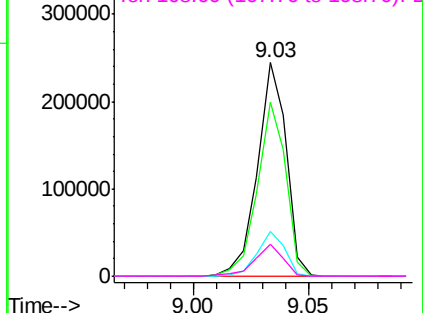


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.66 ng

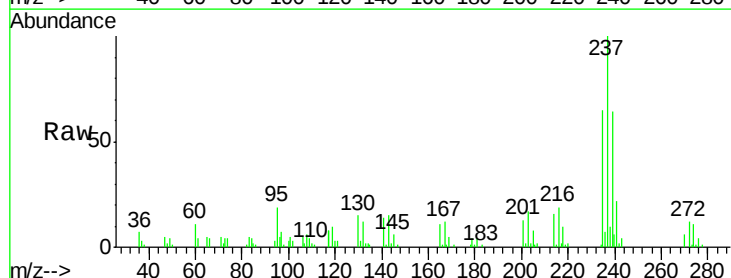
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

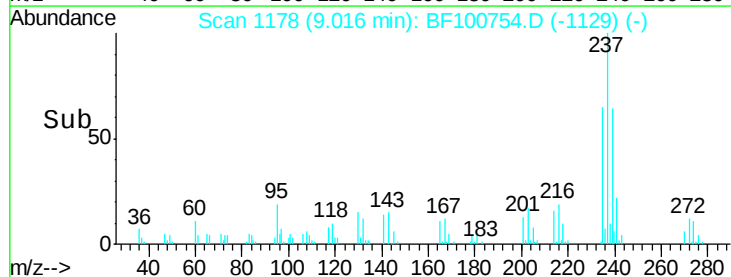
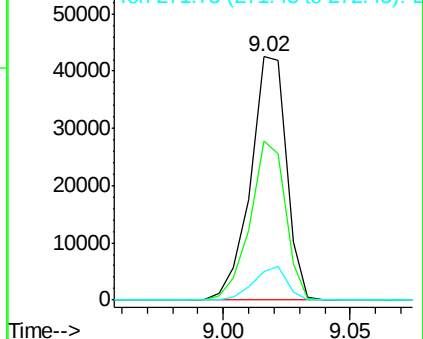
Tgt Ion:	237	Resp:	42139
Ion	Ratio	Lower	Upper
237	100		
235	65.2	44.8	84.8
272	11.9	0.0	33.3

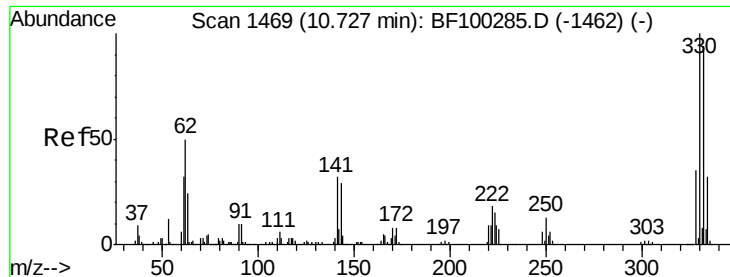


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

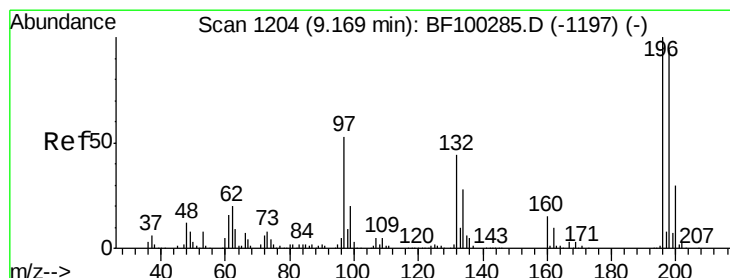
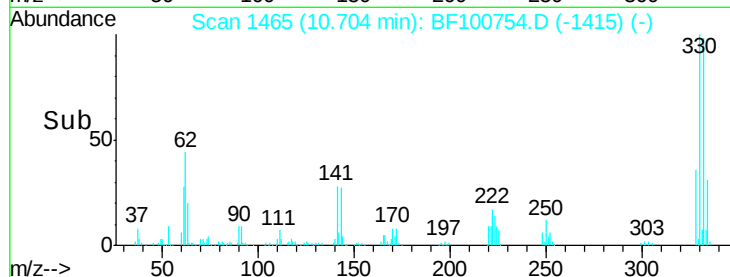
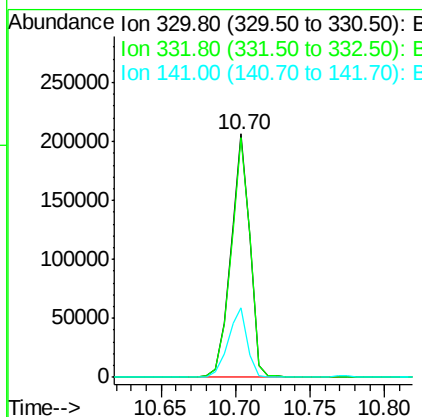
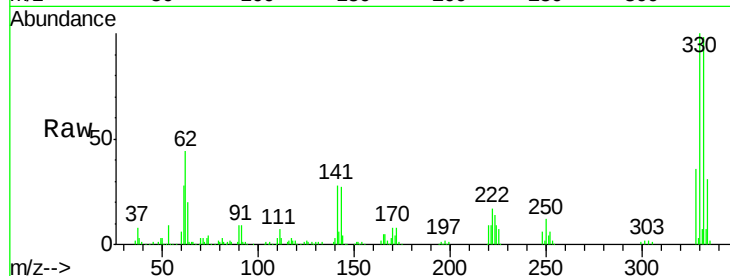




#41
 2,4,6-Tribromophenol
 Concen: 119.13 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

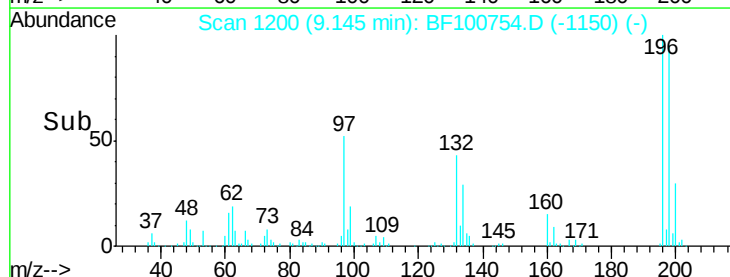
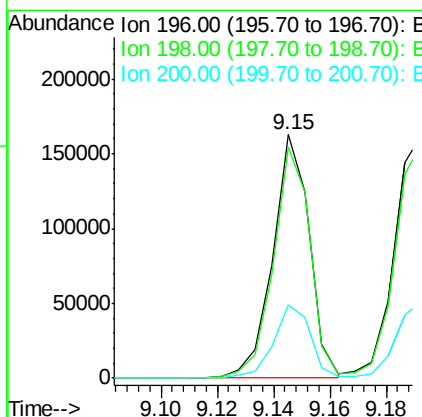
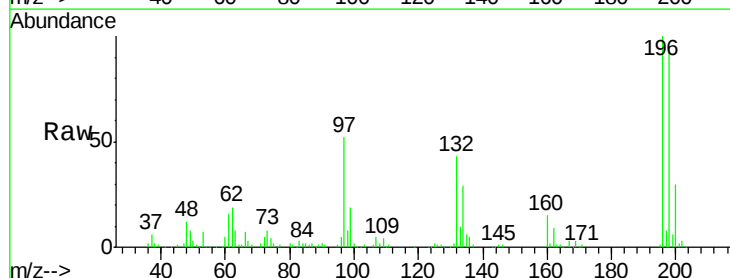
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

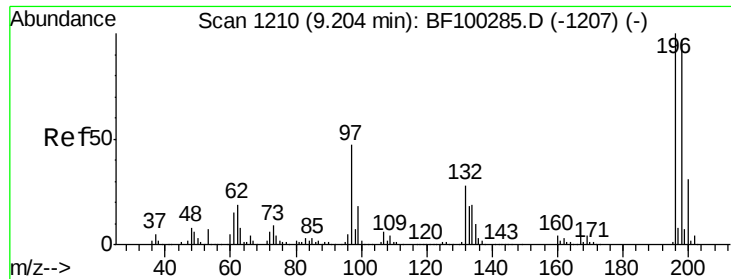
Tgt Ion:330 Resp: 185616
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 28.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 45.23 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:196 Resp: 145365
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.3 24.5 36.7

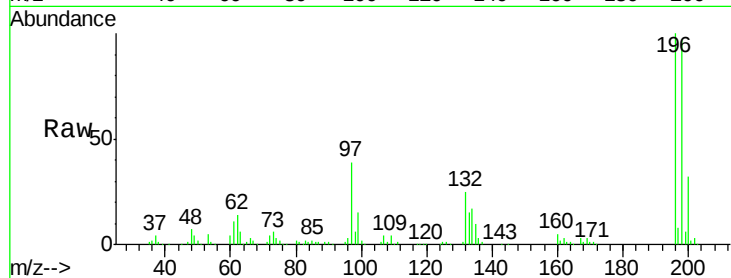




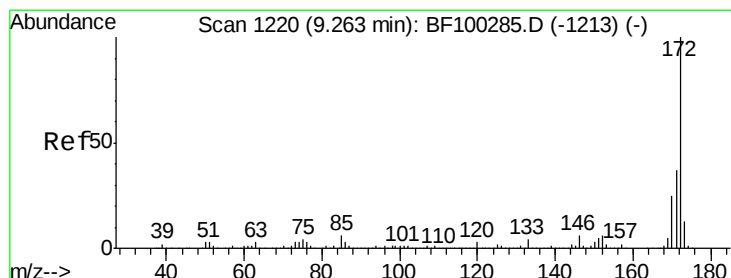
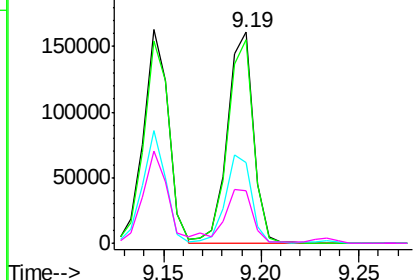
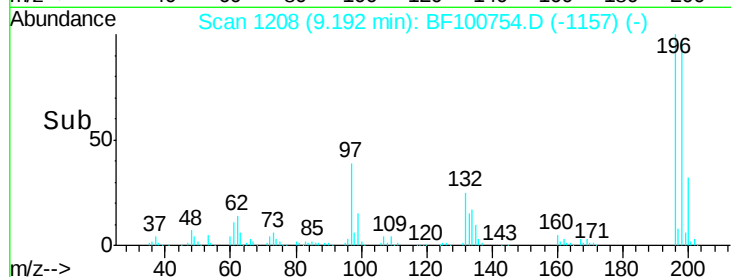
#43
 2,4,5-Trichlorophenol
 Concen: 44.77 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	38.6	42.9	64.3#
132	24.9	26.3	39.5#

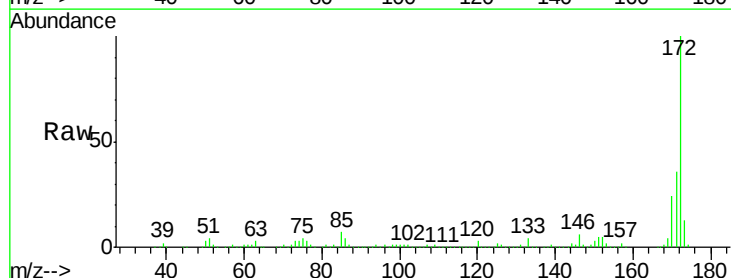


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

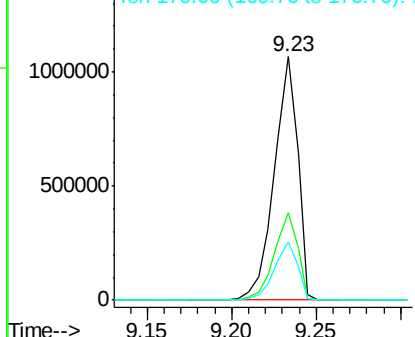
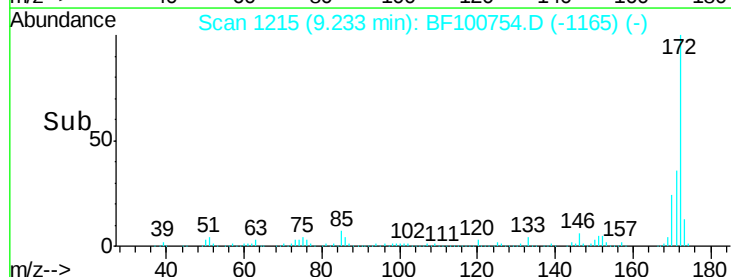


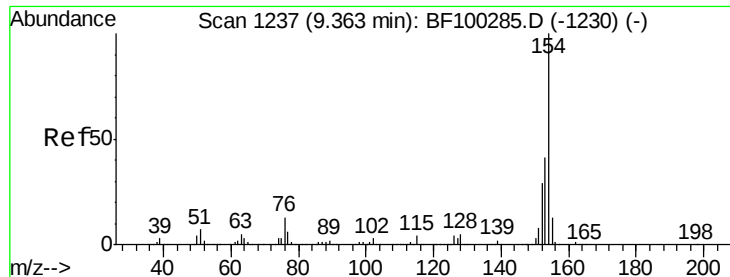
#44
 2-Fluorobiphenyl
 Concen: 102.15 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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: 40.82 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

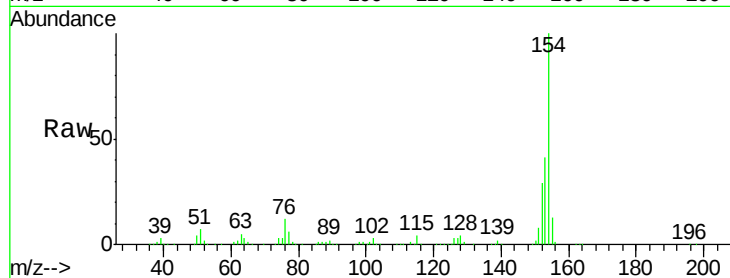
Tgt Ion:154 Resp: 539783

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

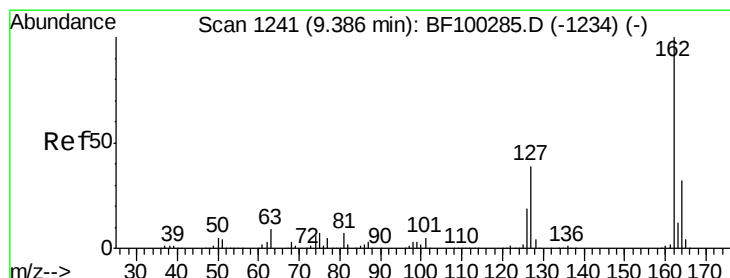
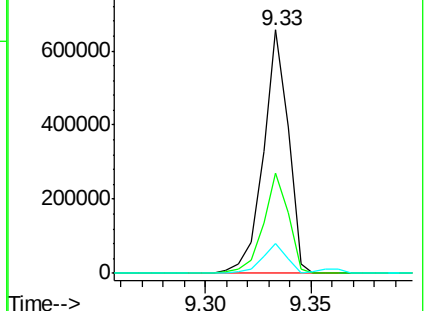
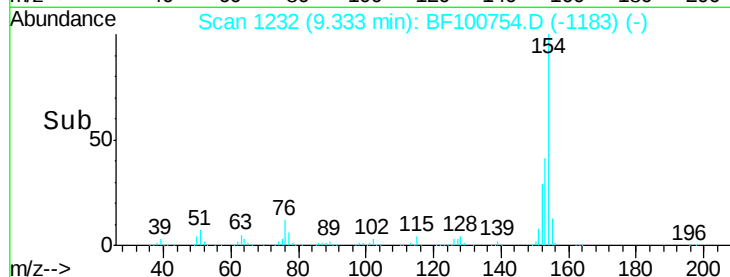
76 12.1 0.0 34.0



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: 43.46 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

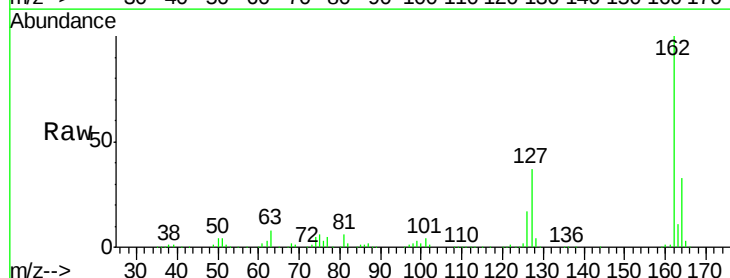
Tgt Ion:162 Resp: 416923

Ion Ratio Lower Upper

162 100

127 37.3 33.9 50.9

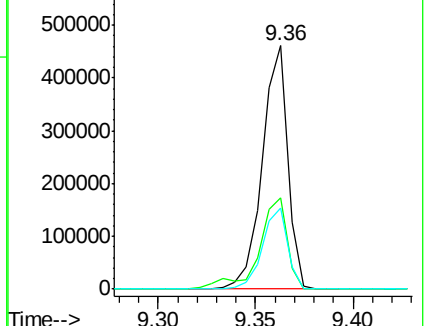
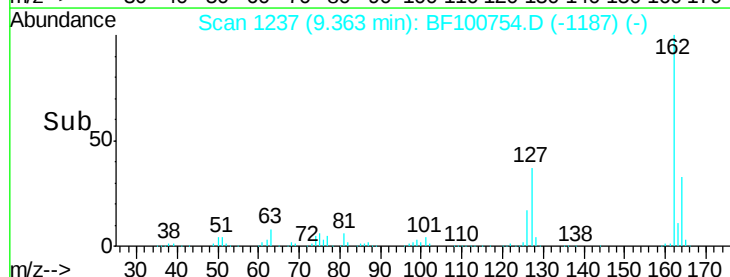
164 33.4 26.5 39.7

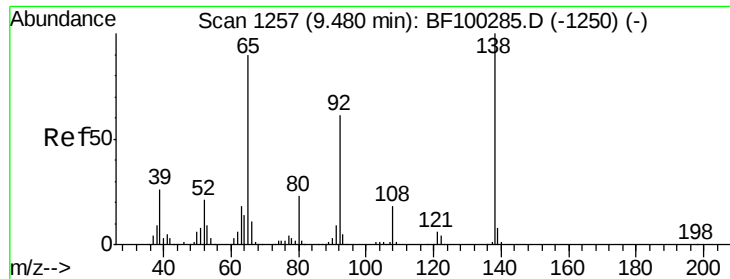


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

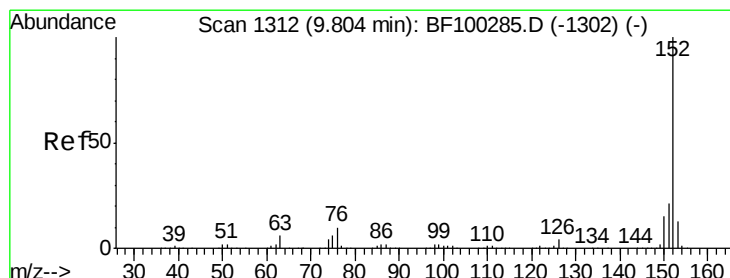
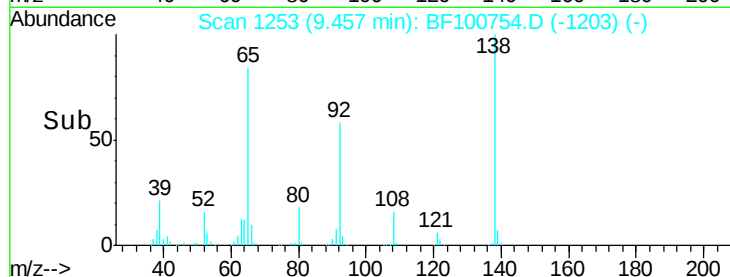
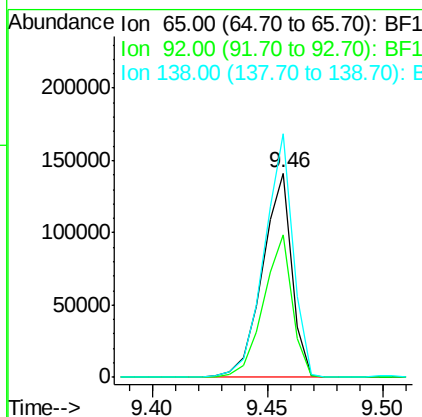
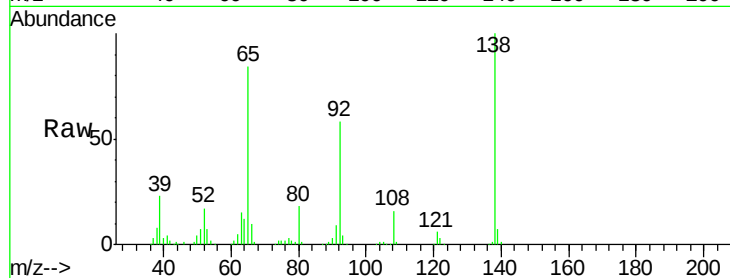




#47
2-Nitroaniline
Concen: 44.29 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

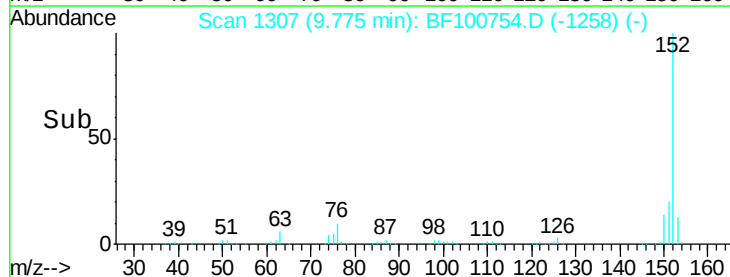
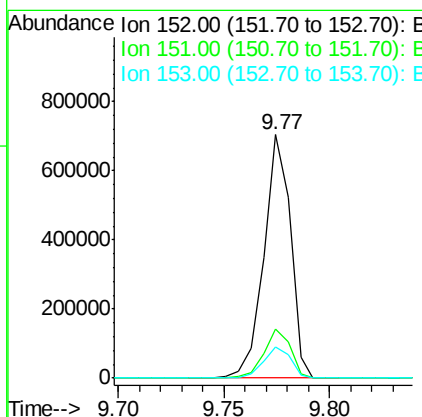
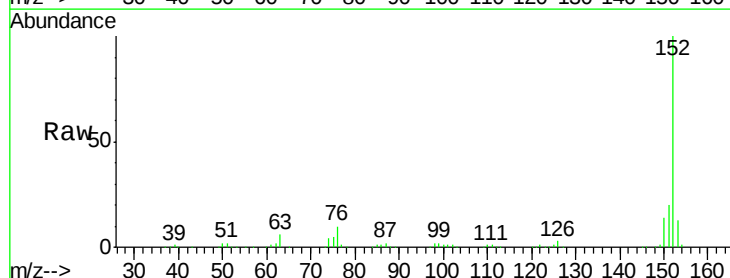
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

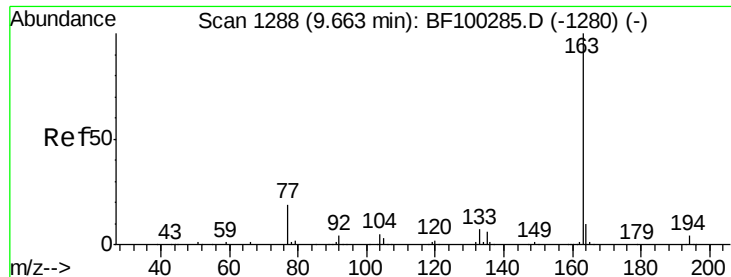
Tgt Ion: 65 Resp: 124895
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 119.1 91.2 136.8



#48
Acenaphthylene
Concen: 38.91 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 152 Resp: 618575
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1

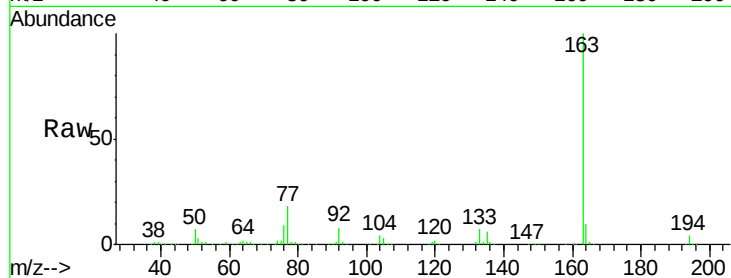




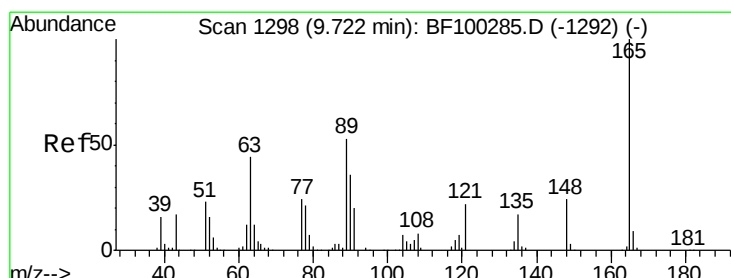
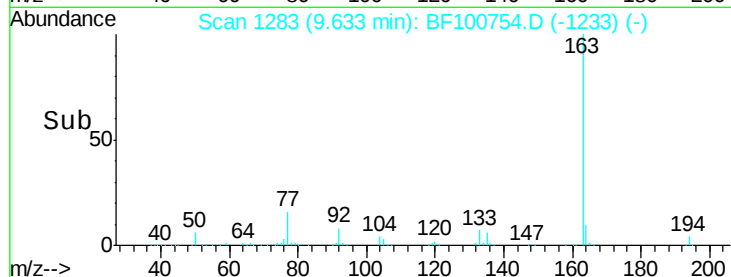
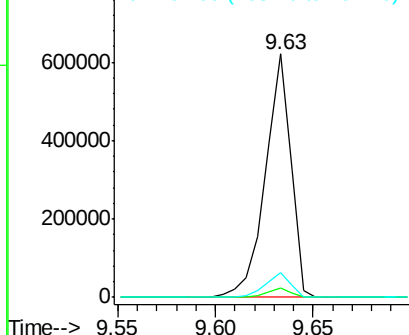
#49
Dimethylphthalate
Concen: 48.34 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Tgt Ion:163 Resp: 564274
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

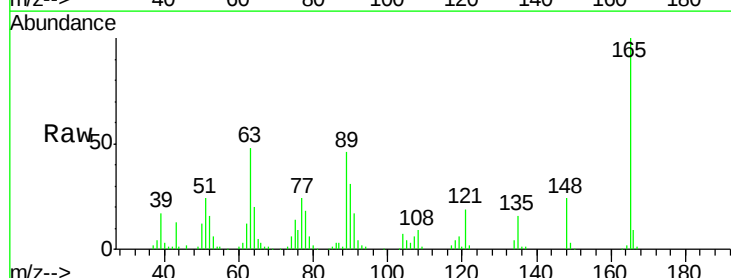


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

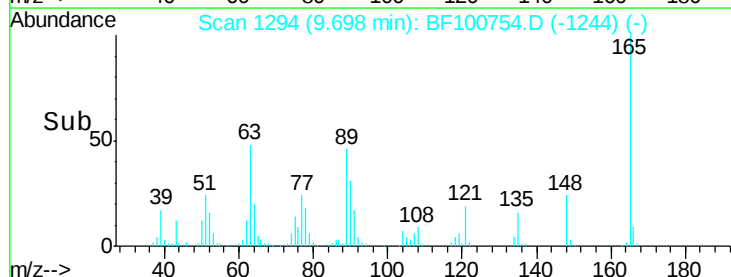
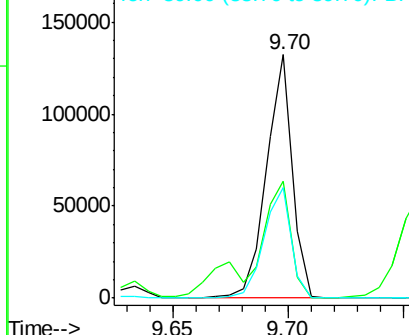


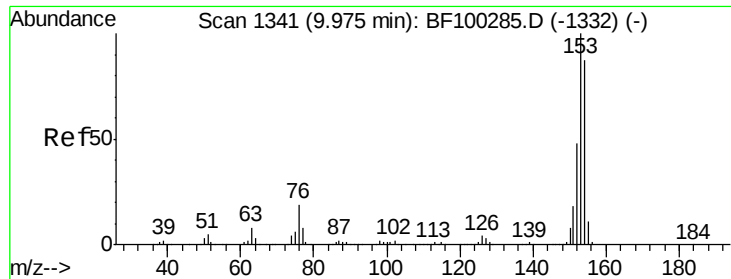
#50
2,6-Dinitrotoluene
Concen: 44.48 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:165 Resp: 102789
Ion Ratio Lower Upper
165 100
63 47.8 44.7 67.1
89 45.5 44.0 66.0



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





#51

Acenaphthene

Concen: 37.42 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

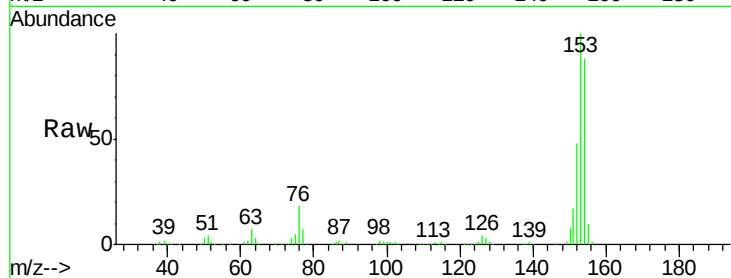
Tgt Ion:154 Resp: 361815

Ion Ratio Lower Upper

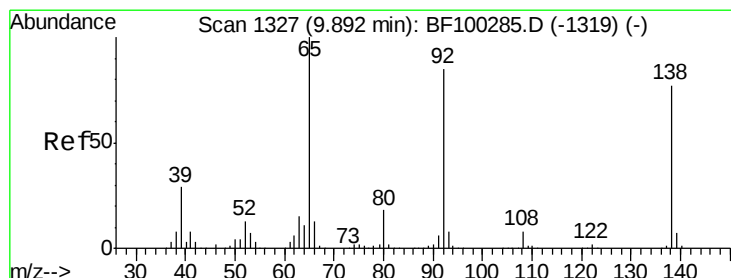
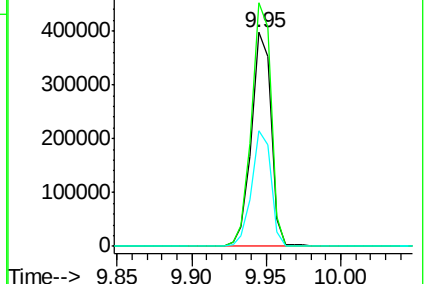
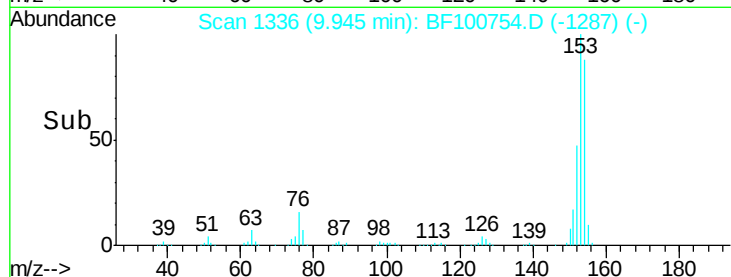
154 100

153 113.9 91.2 136.8

152 54.2 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: 32.85 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

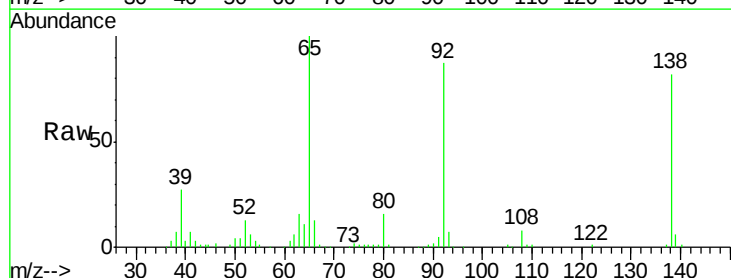
Tgt Ion:138 Resp: 89635

Ion Ratio Lower Upper

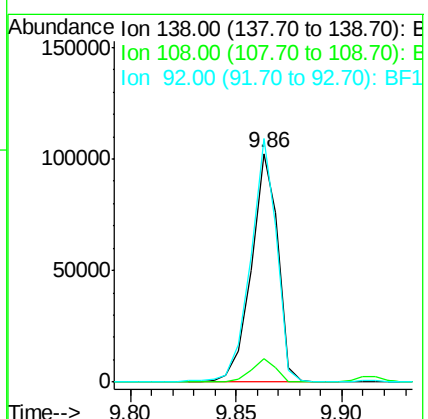
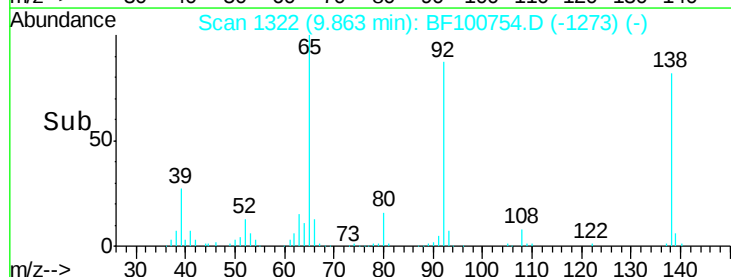
138 100

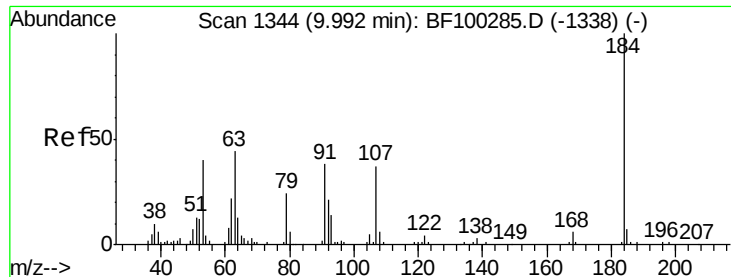
108 10.3 9.4 14.0

92 106.4 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

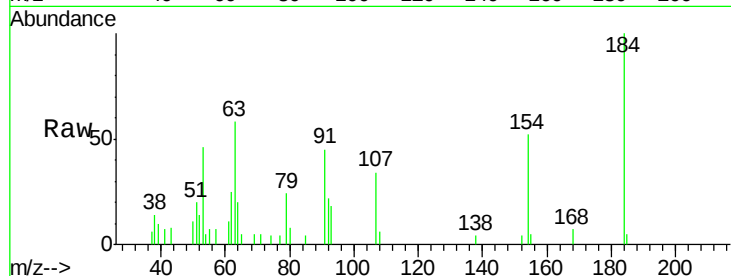




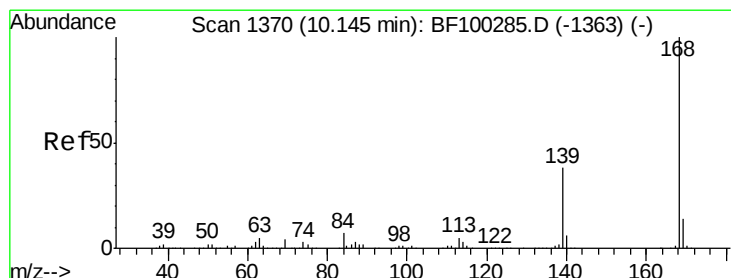
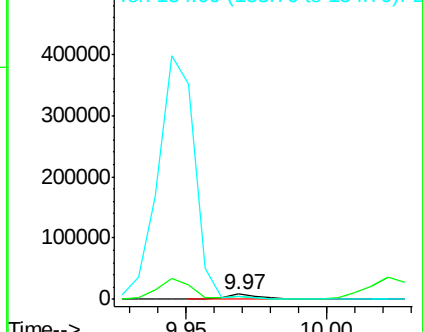
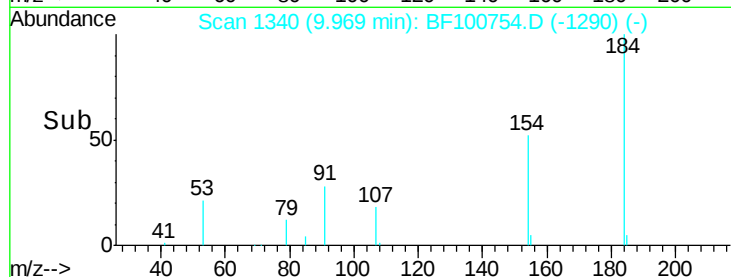
#53
2,4-Dinitrophenol
Concen: 16.64 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Tgt Ion:184 Resp: 6827
Ion Ratio Lower Upper
184 100
63 58.3 54.2 81.2
154 52.1 184.0 276.0#

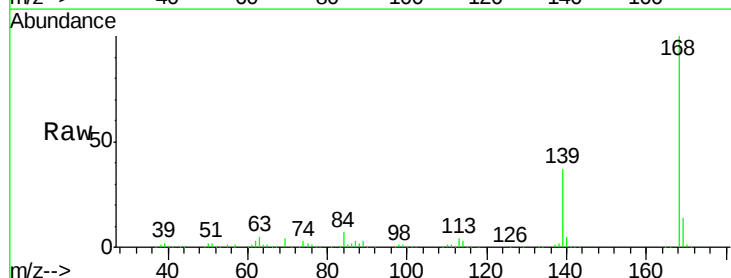


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

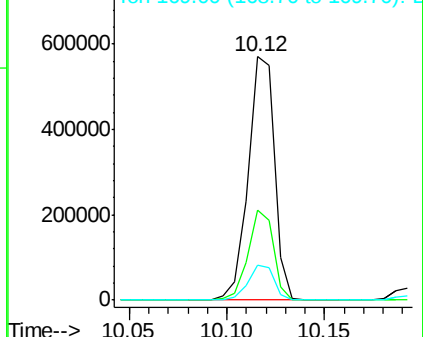
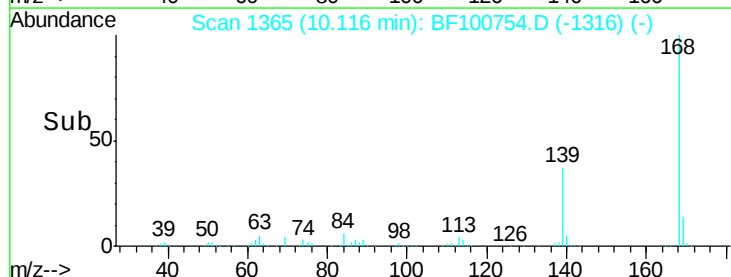


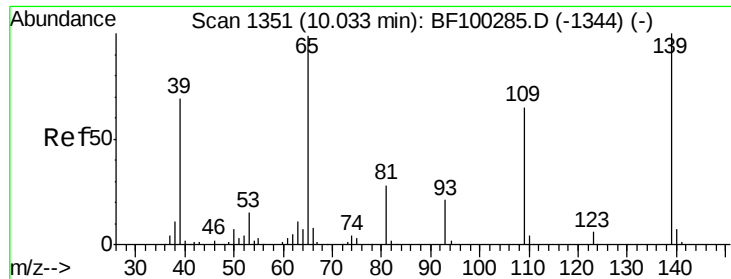
#54
Dibenzofuran
Concen: 39.24 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:168 Resp: 531770
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 14.3 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

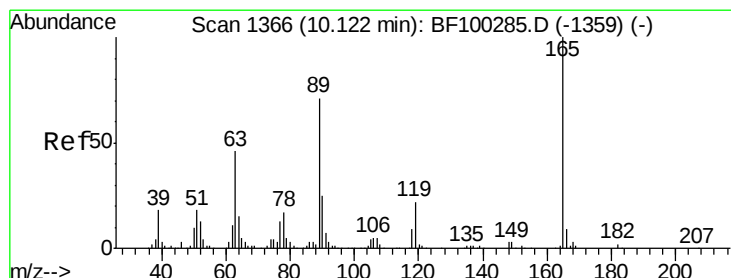
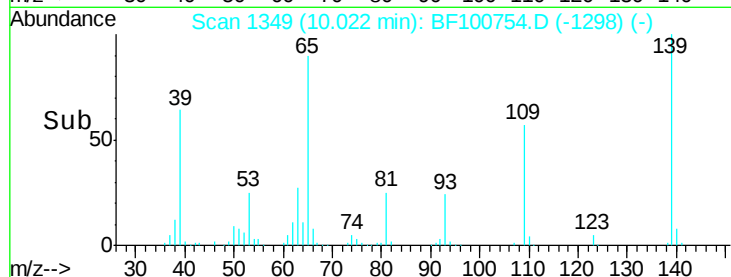
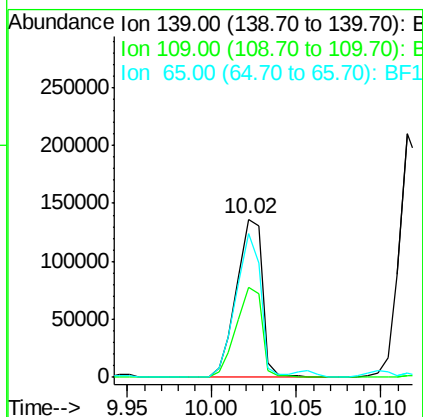
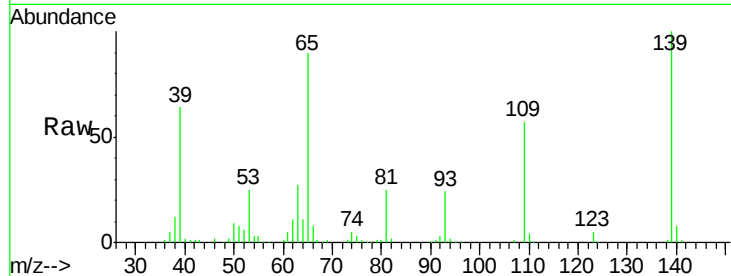




#55
4-Nitrophenol
Concen: 66.56 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

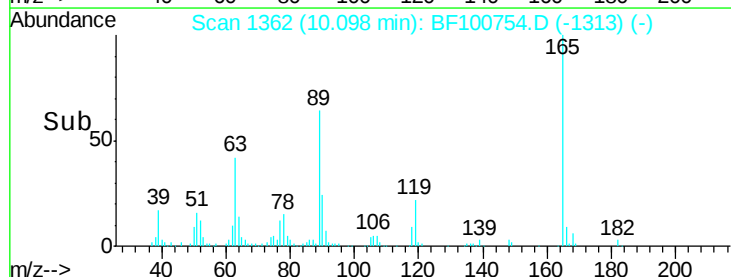
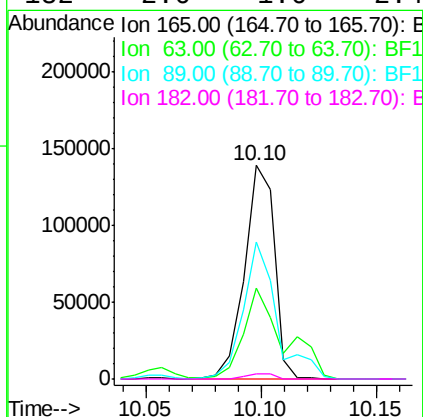
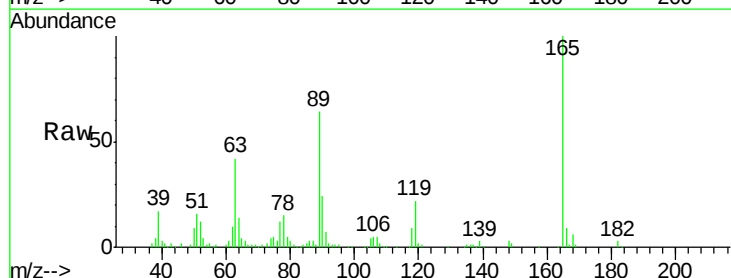
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

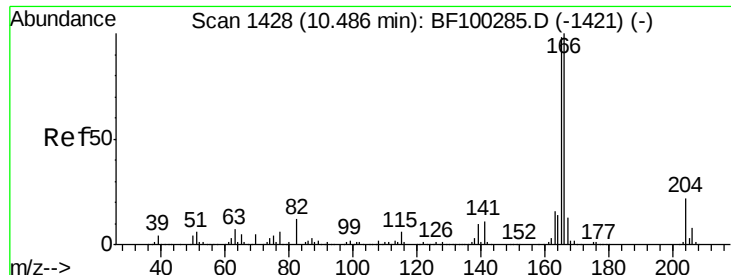
Tgt Ion:139 Resp: 147464
Ion Ratio Lower Upper
139 100
109 57.2 48.4 88.4
65 90.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.37 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:165 Resp: 126423
Ion Ratio Lower Upper
165 100
63 42.3 36.4 54.6
89 64.2 57.8 86.6
182 2.6 1.6 2.4#

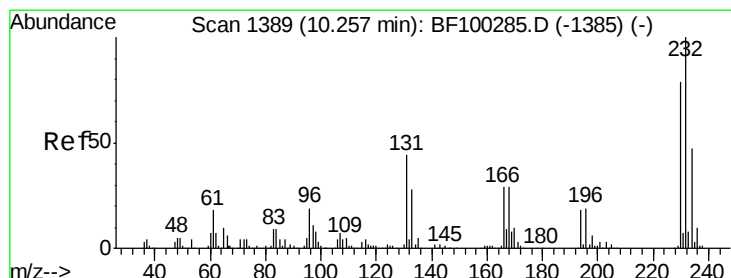
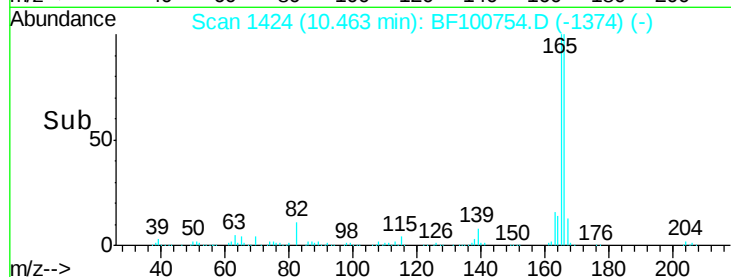
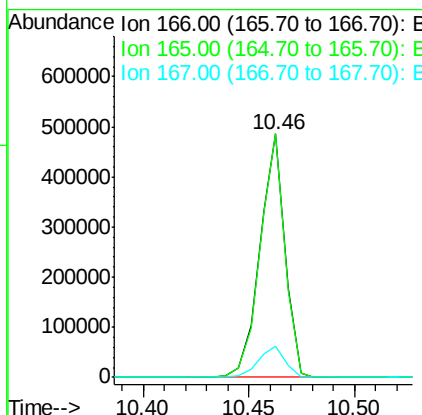
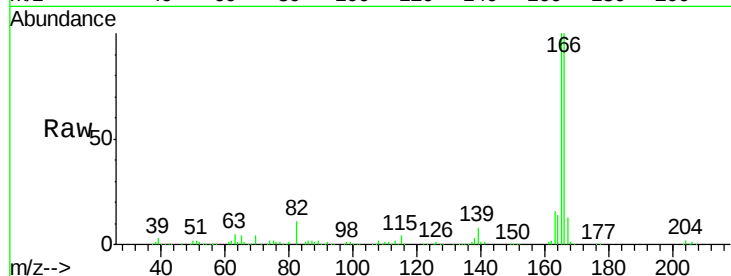




#57
 Fluorene
 Concen: 40.25 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

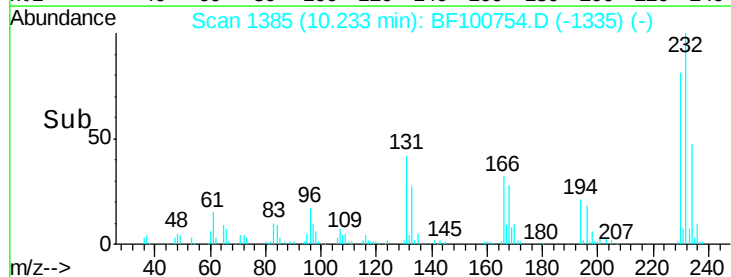
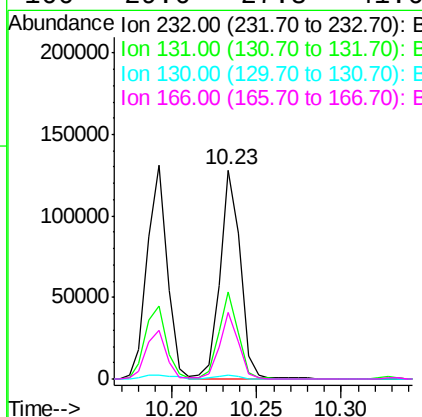
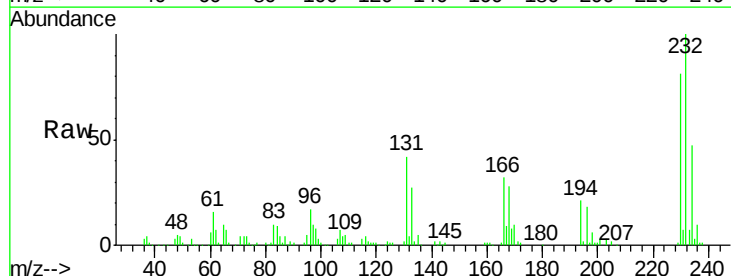
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

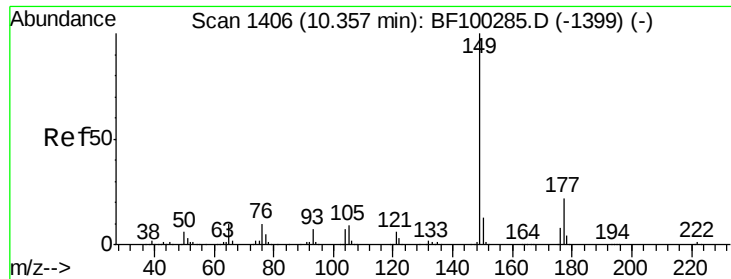
Tgt Ion:166 Resp: 399621
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.61 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:232 Resp: 108101
 Ion Ratio Lower Upper
 232 100
 131 40.0 43.8 65.8#
 130 1.9 2.1 3.1#
 166 29.6 27.8 41.6

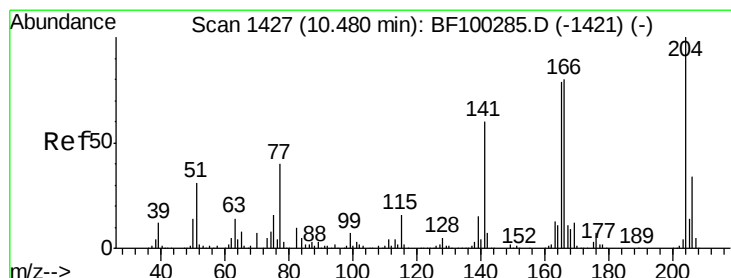
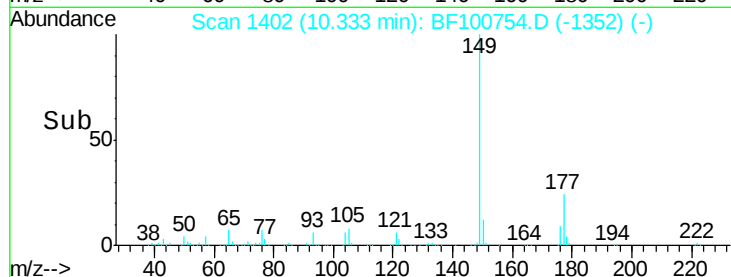
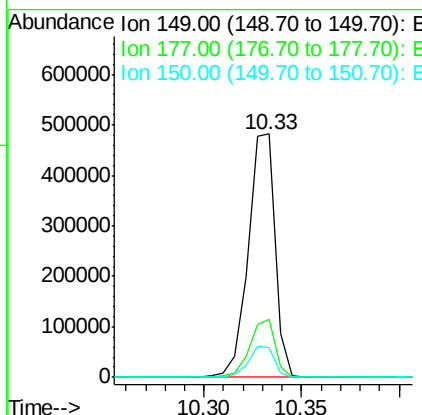
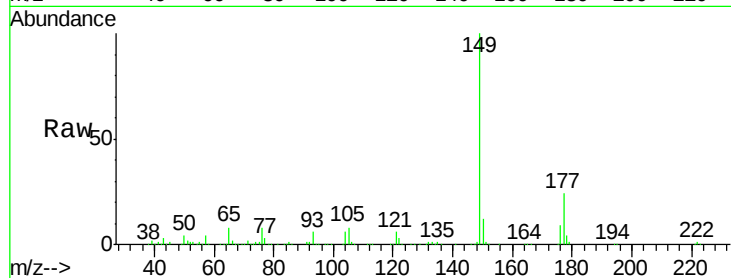




#59
Diethylphthalate
Concen: 39.33 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

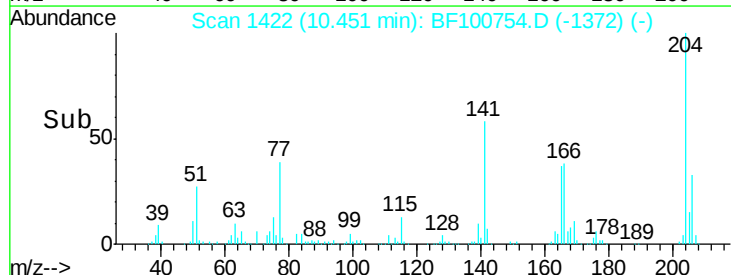
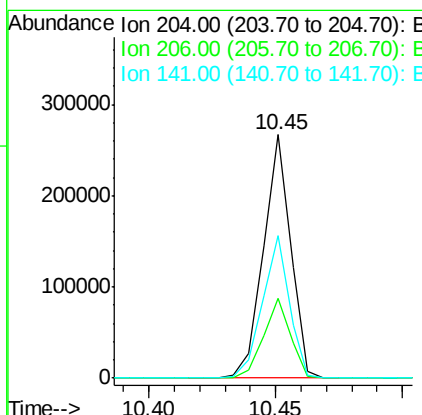
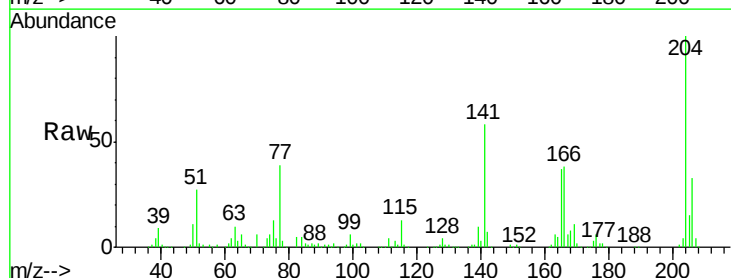
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

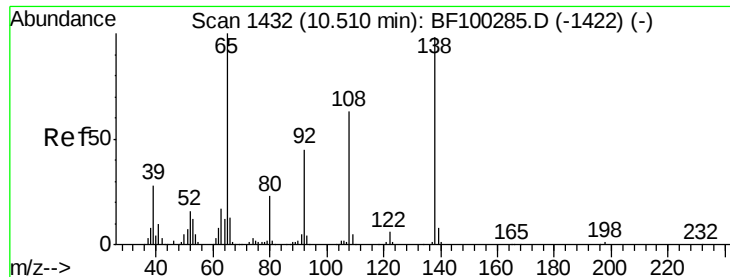
Tgt Ion:149 Resp: 459443
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.44 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:204 Resp: 201809
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 58.4 54.6 81.8

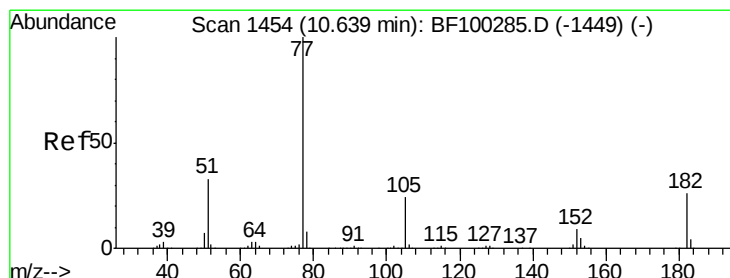
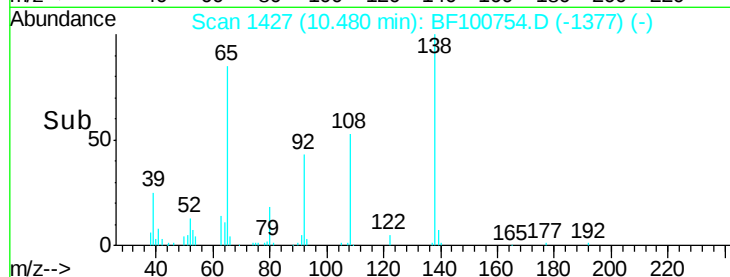
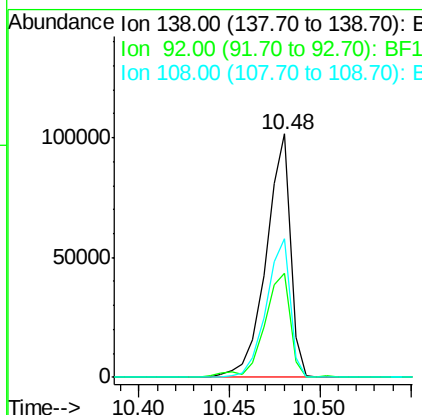
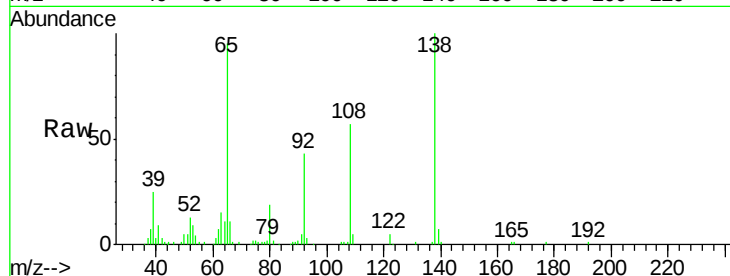




#61
4-Nitroaniline
Concen: 36.63 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

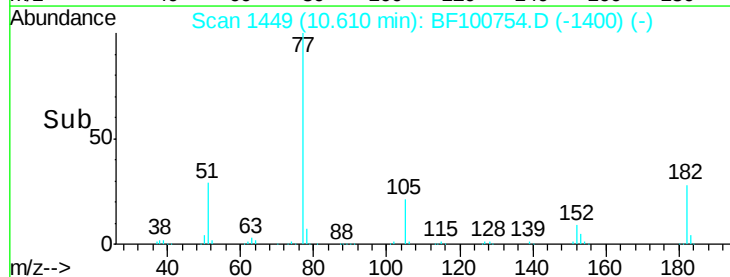
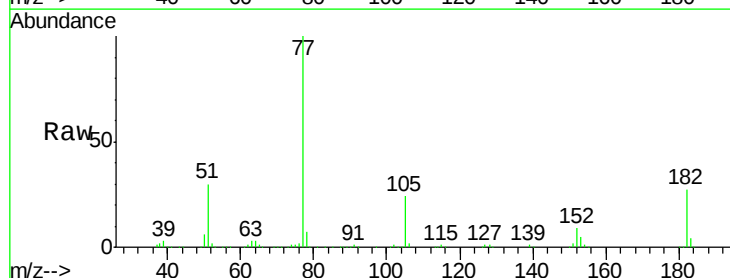
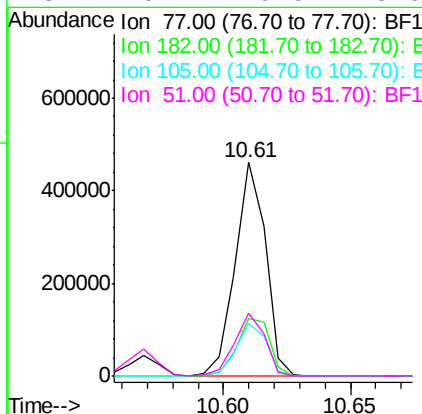
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

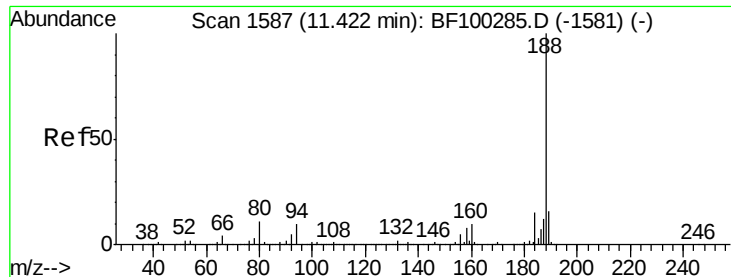
Tgt Ion: 138 Resp: 94773
Ion Ratio Lower Upper
138 100
92 42.5 30.2 70.2
108 56.8 52.5 92.5



#62
Azobenzene
Concen: 34.72 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 77 Resp: 381998
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 24.4 3.0 43.0
51 29.7 9.9 49.9

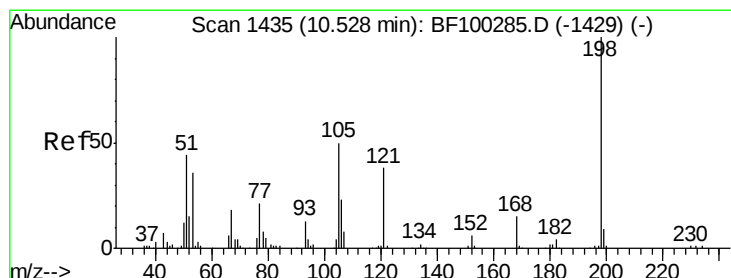
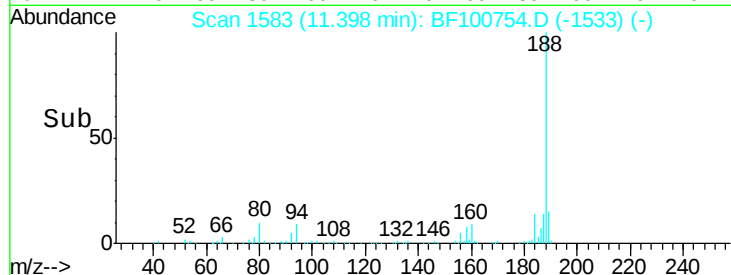
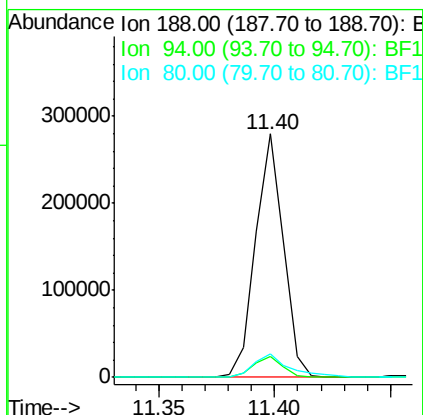
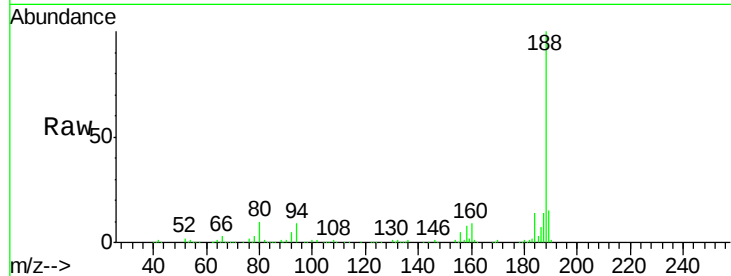




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

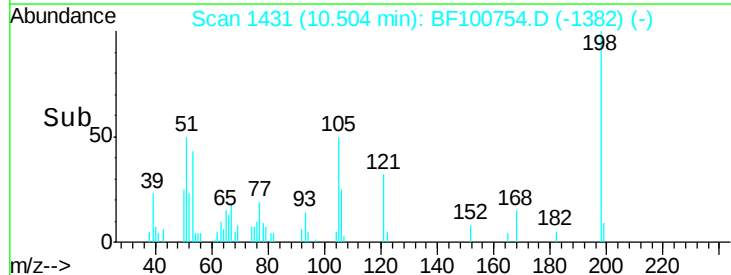
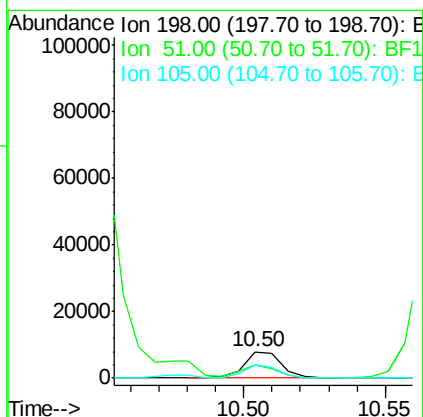
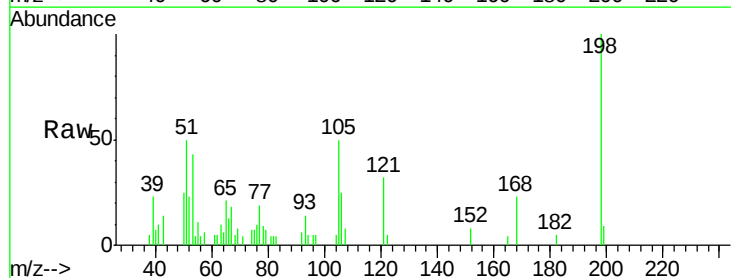
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

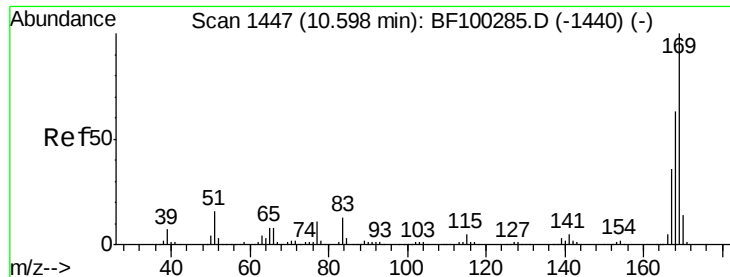
Tgt Ion:188 Resp: 236381
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.57 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:198 Resp: 7258
Ion Ratio Lower Upper
198 100
51 50.4 37.7 77.7
105 49.6 36.3 76.3

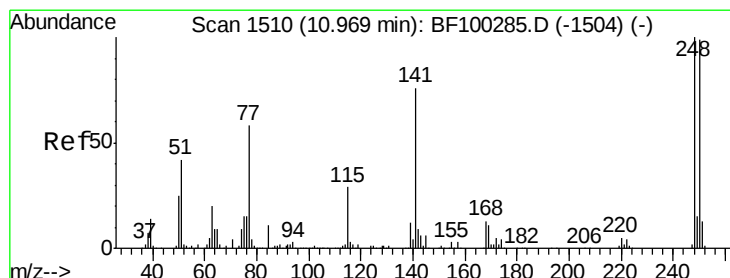
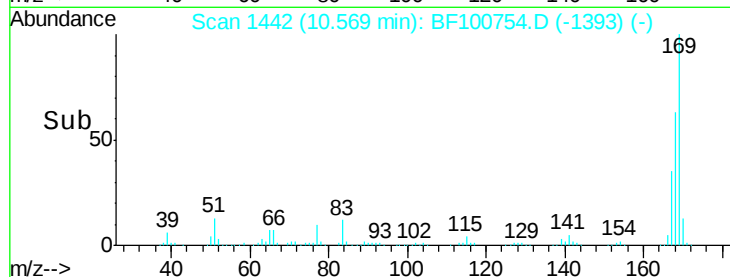
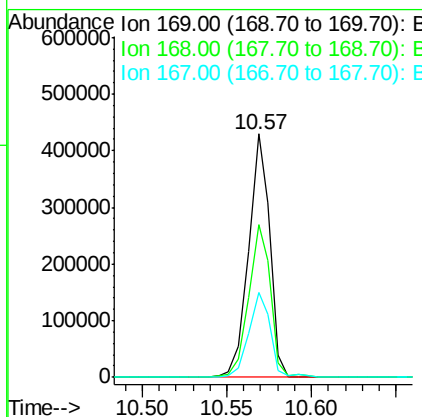
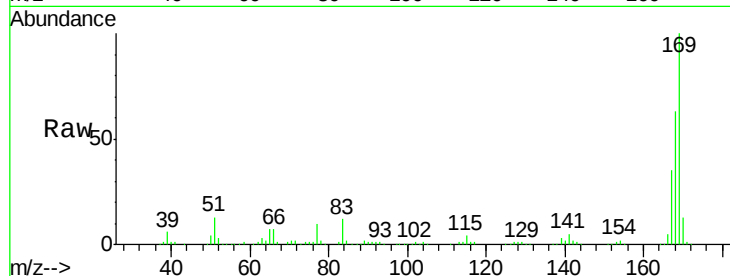




#65
 n-Nitrosodiphenylamine
 Concen: 46.02 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

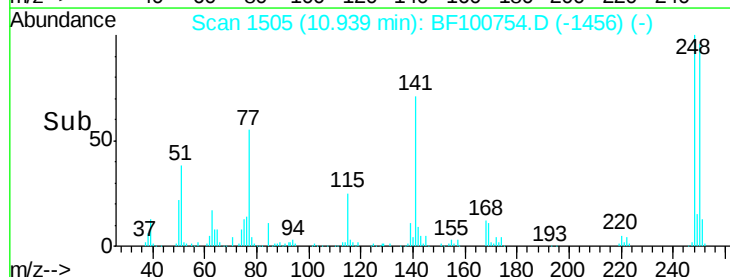
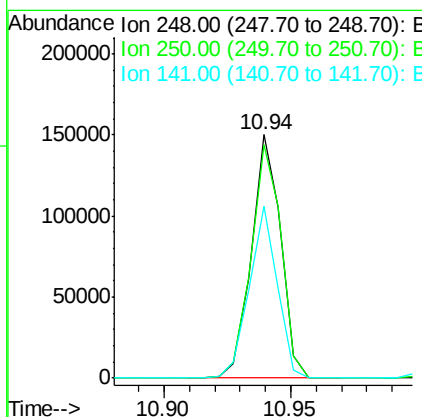
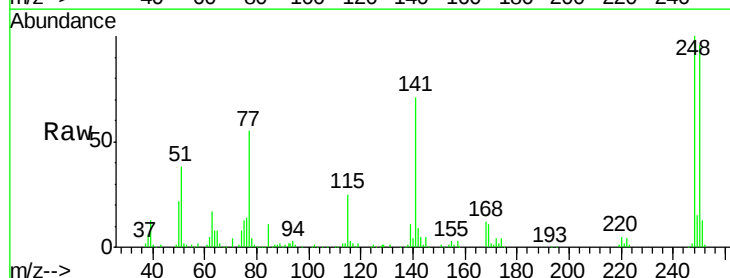
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

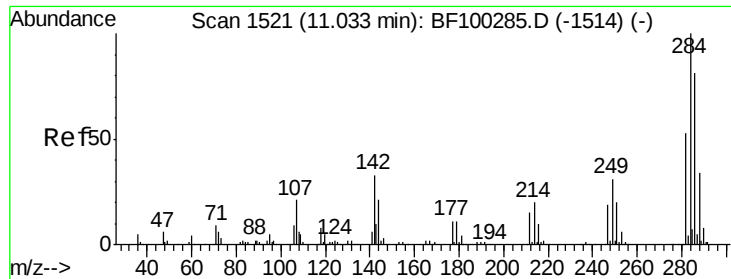
Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.9	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.56 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.9	115.3
141	70.6	74.4	111.6#

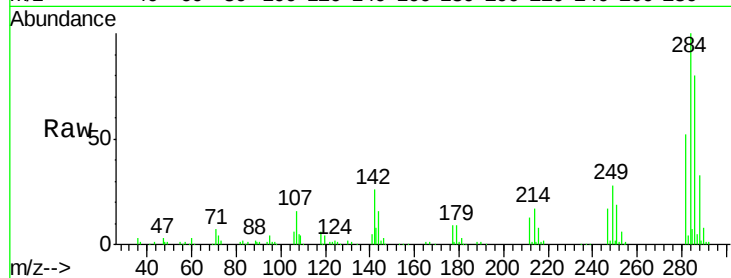




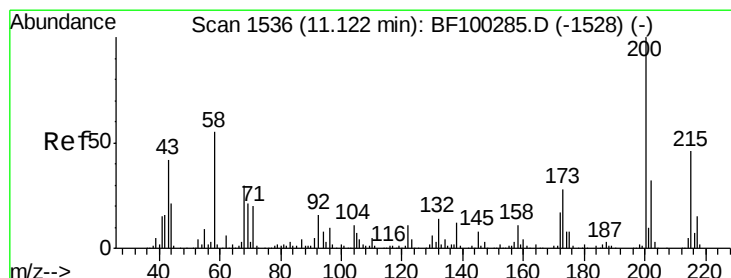
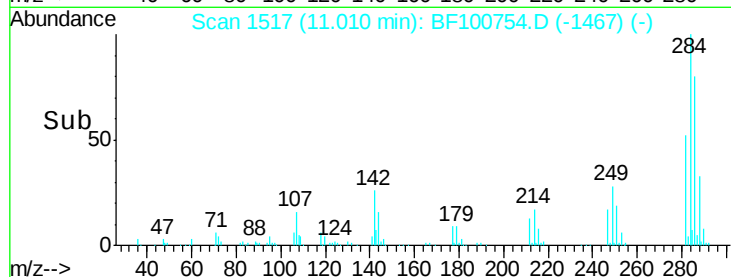
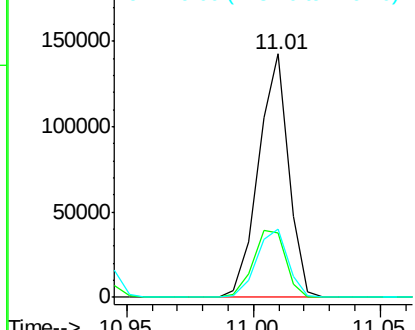
#67
Hexachlorobenzene
Concen: 44.62 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Tgt Ion: 284 Resp: 118258
Ion Ratio Lower Upper
284 100
142 26.4 34.6 52.0#
249 28.1 24.8 37.2

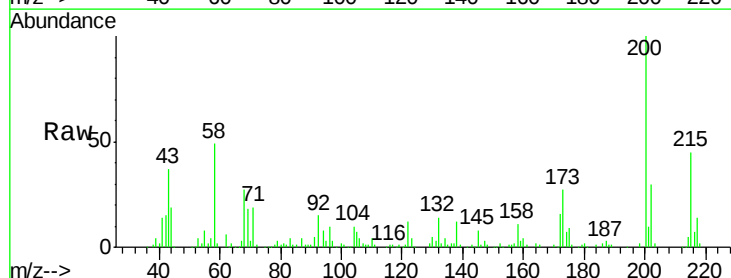


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

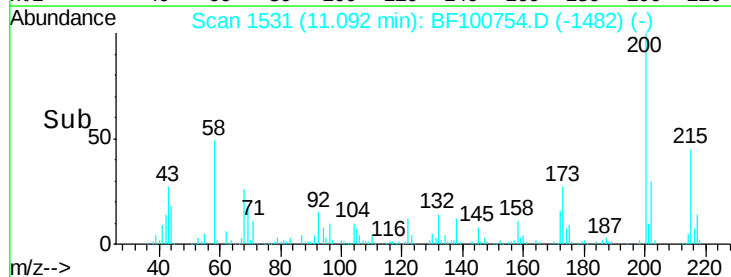
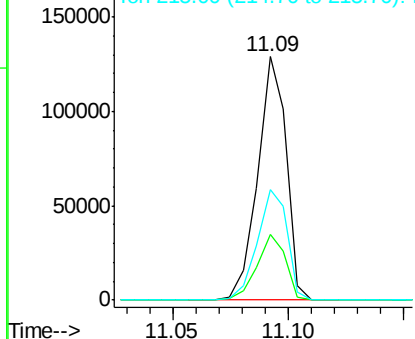


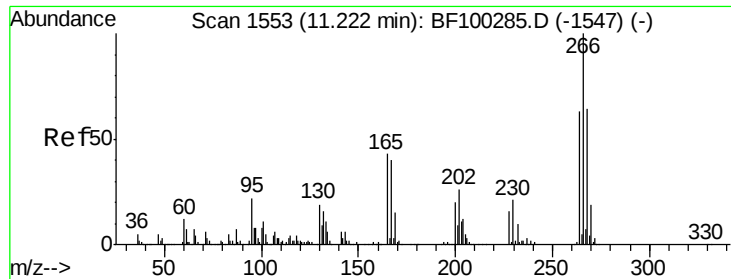
#68
Atrazine
Concen: 44.83 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion: 200 Resp: 111528
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 45.2 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

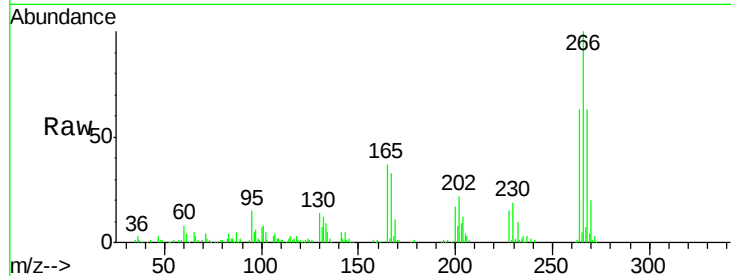




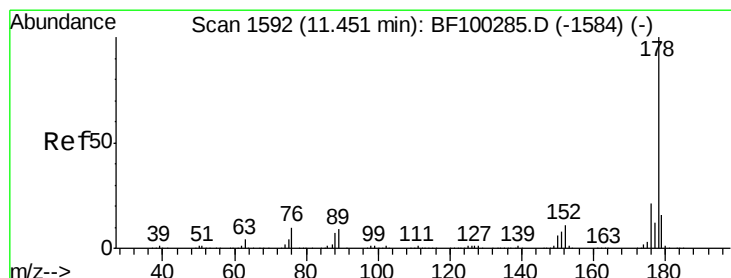
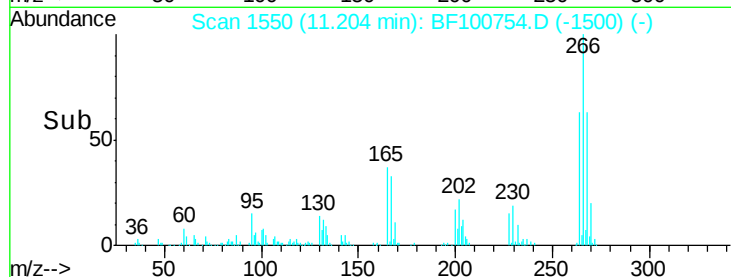
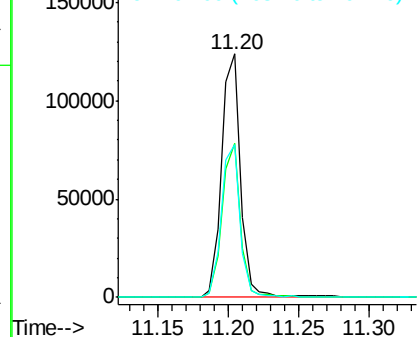
#69
 Pentachlorophenol
 Concen: 61.38 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

Tgt Ion: 266 Resp: 116652
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.8 49.5 74.3

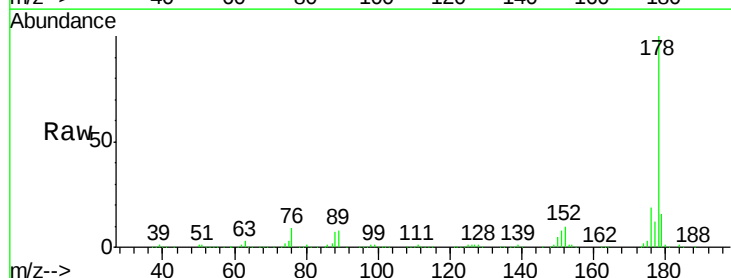


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

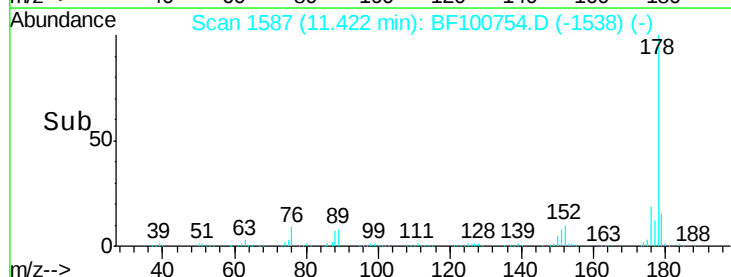
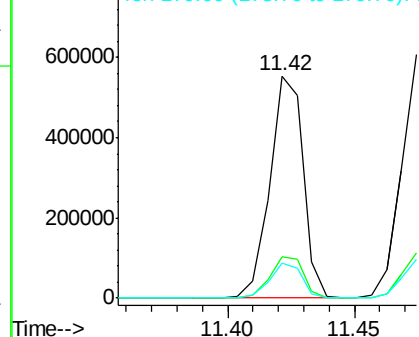


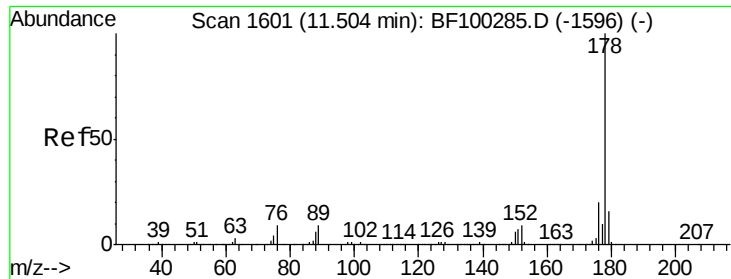
#70
 Phenanthrene
 Concen: 41.04 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion: 178 Resp: 510761
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 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

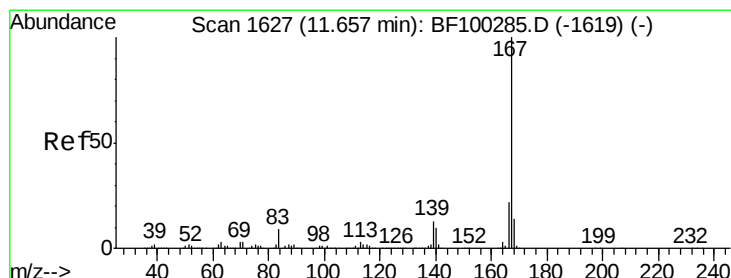
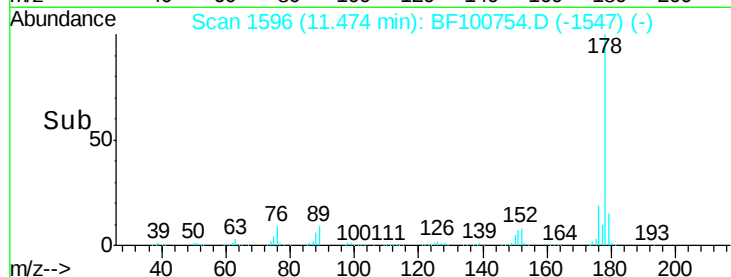
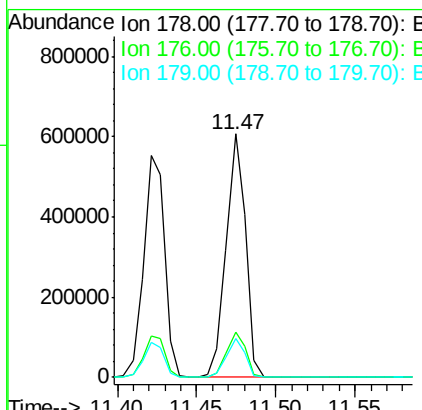
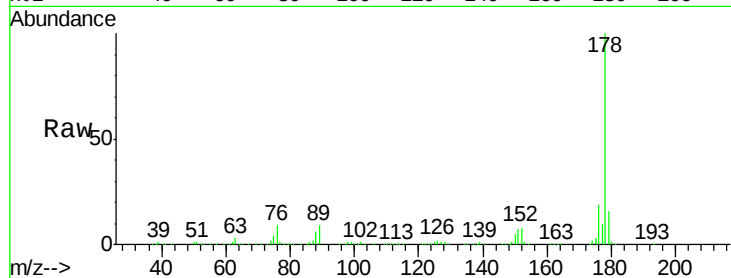




#71
 Anthracene
 Concen: 40.69 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

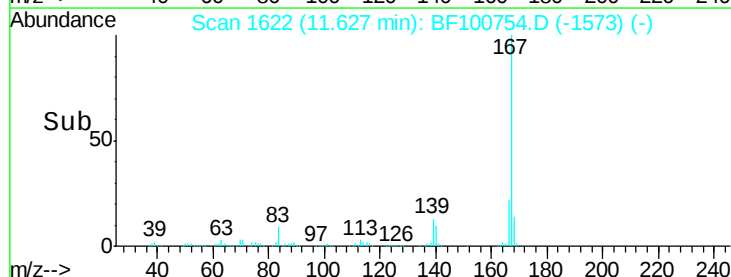
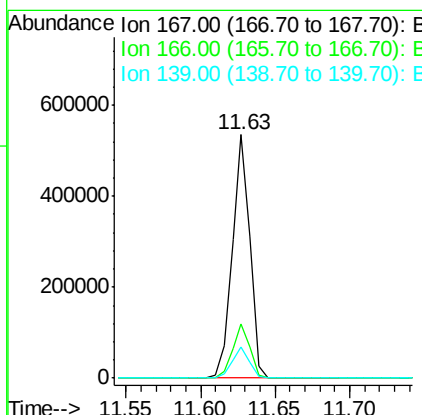
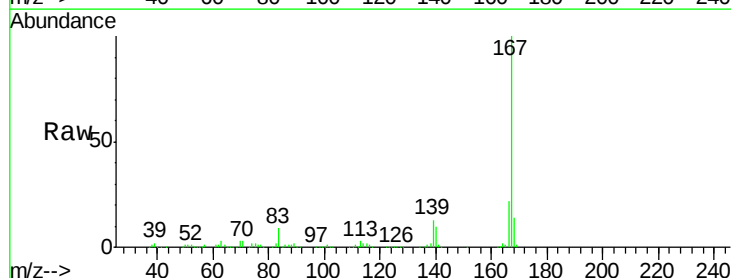
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

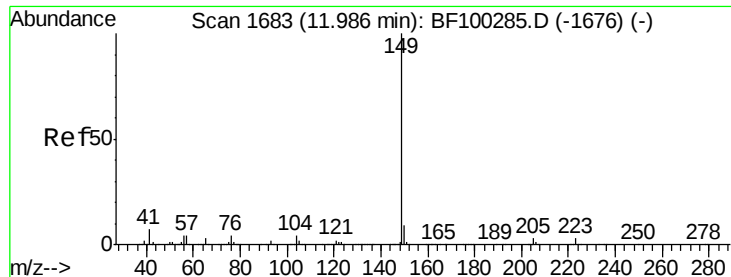
Tgt Ion:178 Resp: 513796
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.14 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:167 Resp: 444323
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.65 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

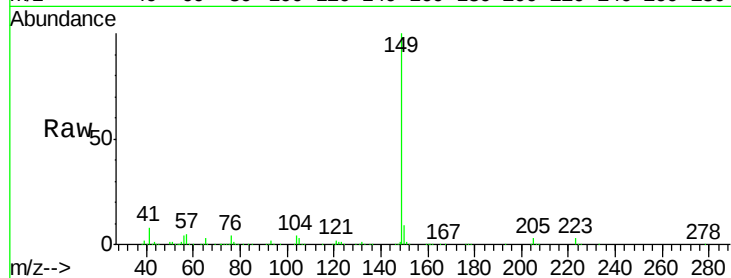
Tgt Ion:149 Resp: 608784

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

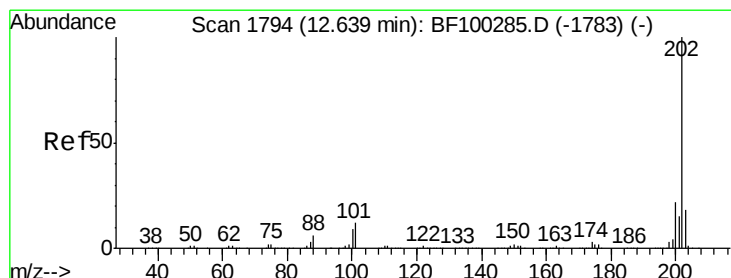
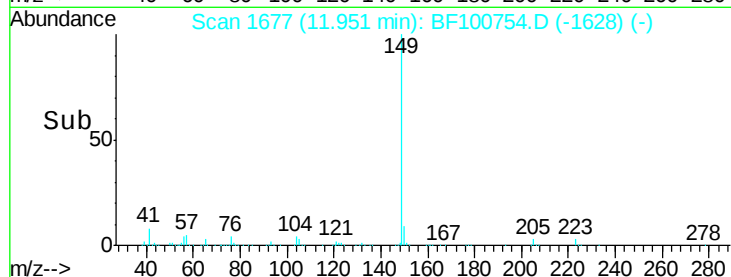
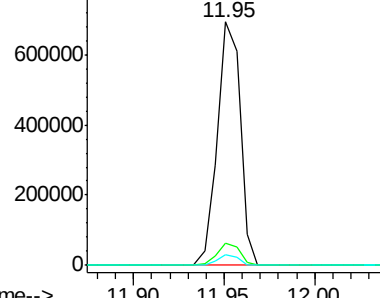
104 4.2 3.8 5.8



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: 36.74 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

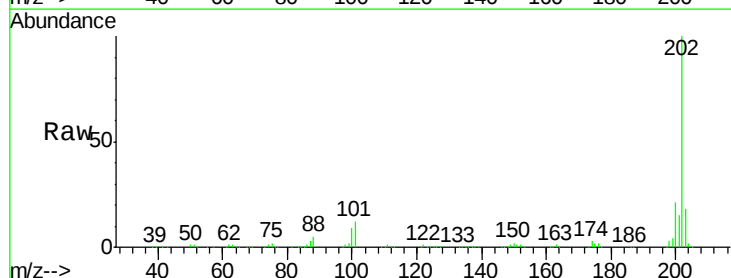
Tgt Ion:202 Resp: 484586

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

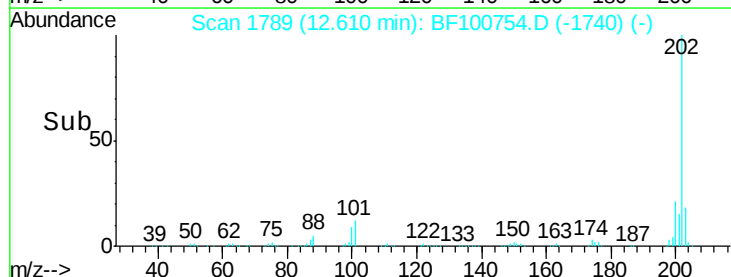
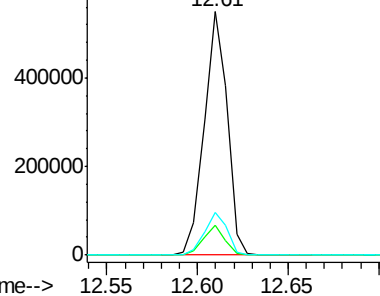
203 17.7 0.0 38.1

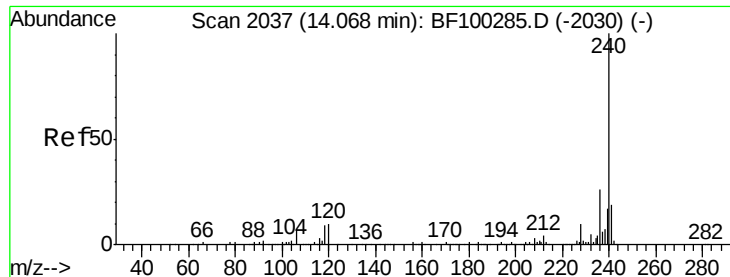


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

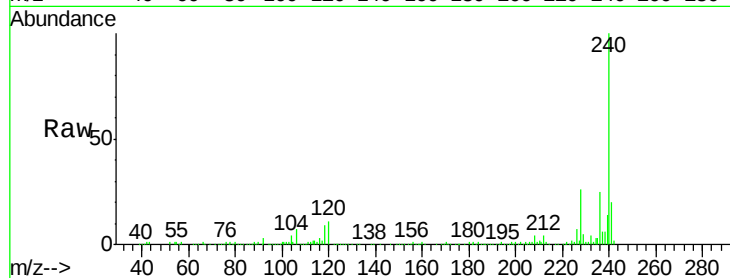
Tgt Ion:240 Resp: 187360

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

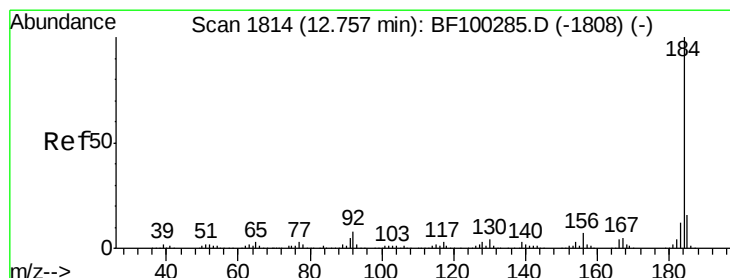
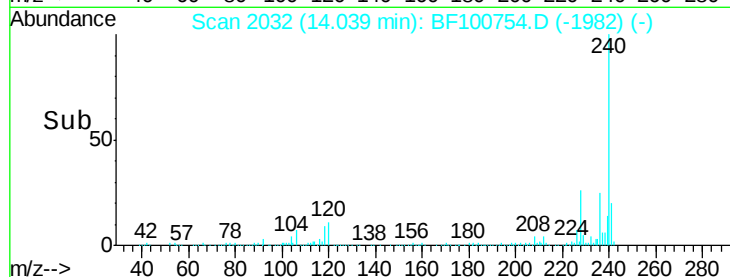
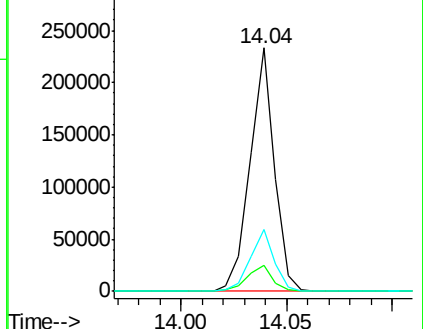
236 25.2 20.7 31.1



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: 42.06 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

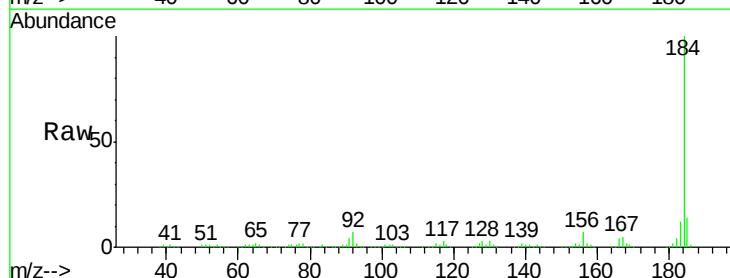
Tgt Ion:184 Resp: 315586

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

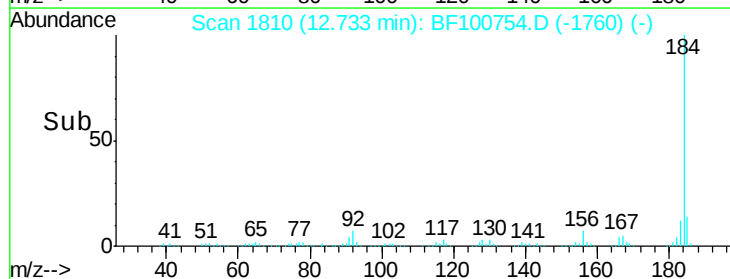
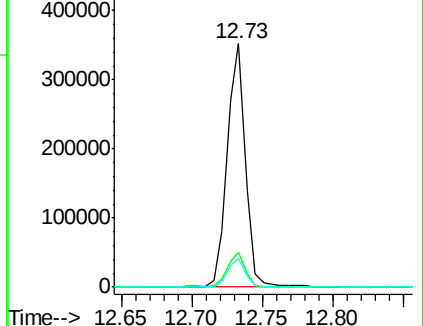
183 11.9 9.3 13.9

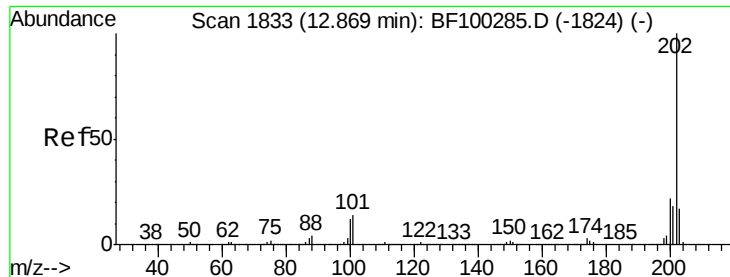


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

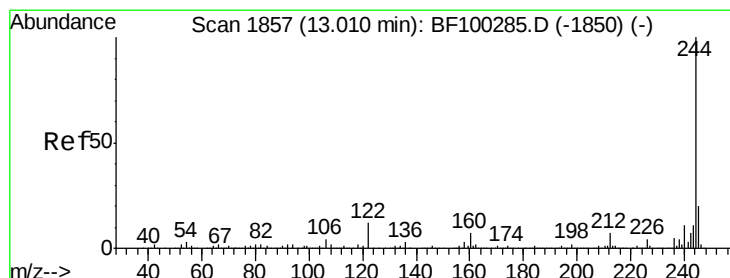
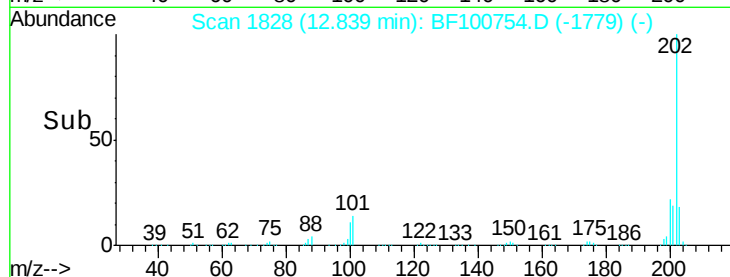
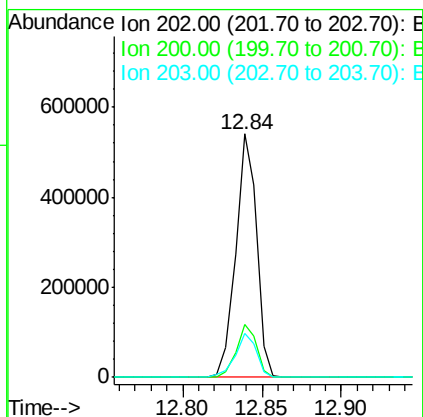
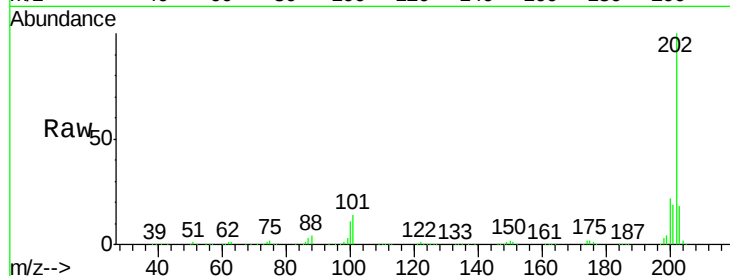




#77
 Pyrene
 Concen: 36.85 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

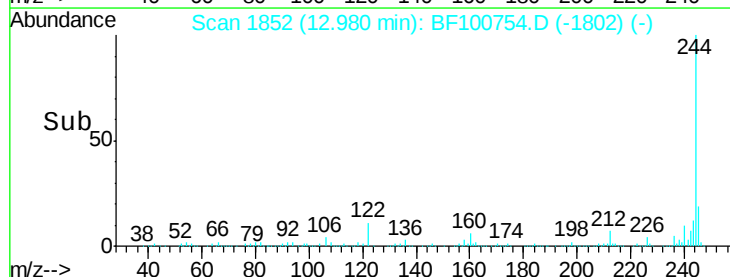
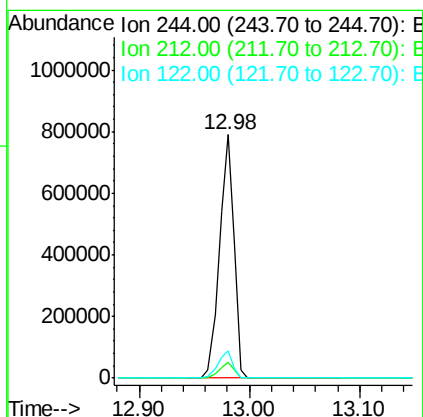
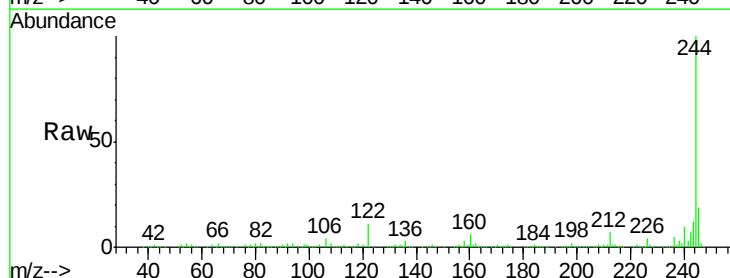
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

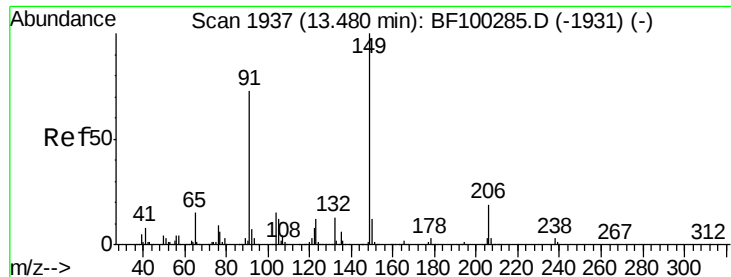
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5



#78
 Terphenyl-d14
 Concen: 87.86 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.4	11.0	16.4

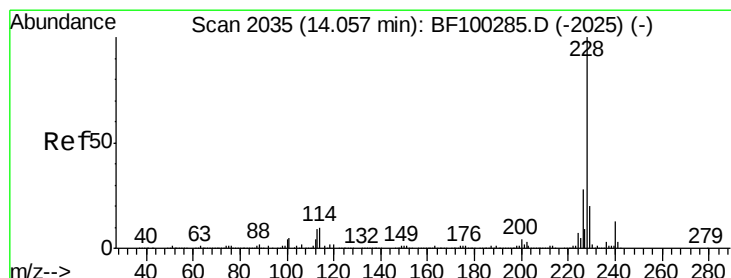
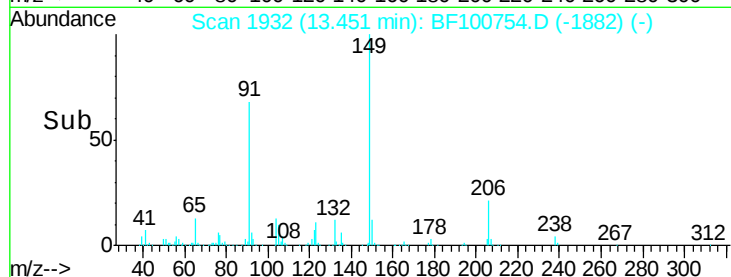
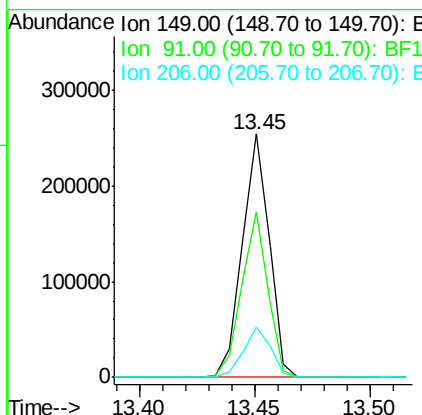
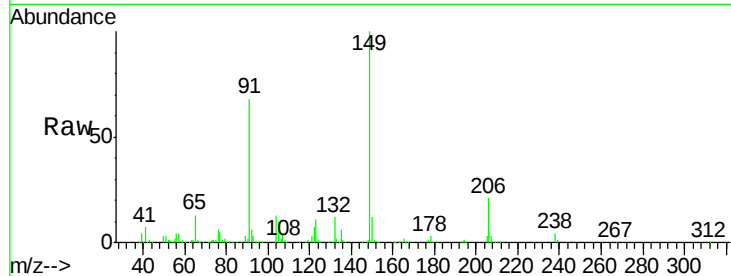




#79
Butylbenzylphthalate
Concen: 38.16 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

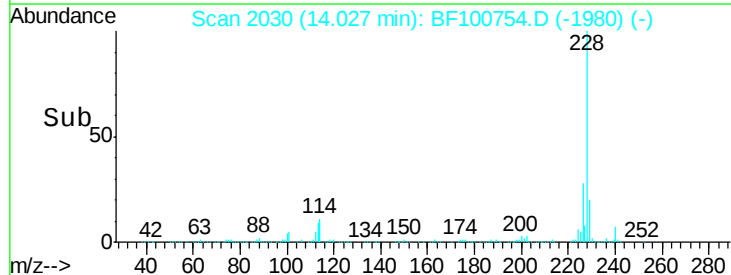
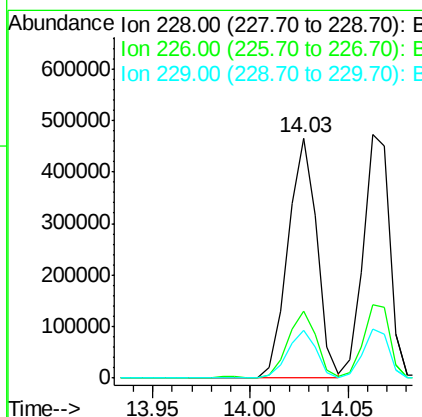
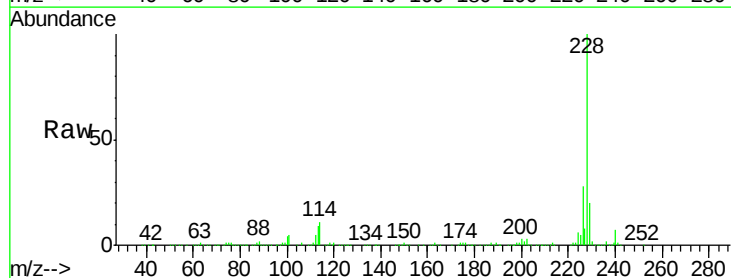
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

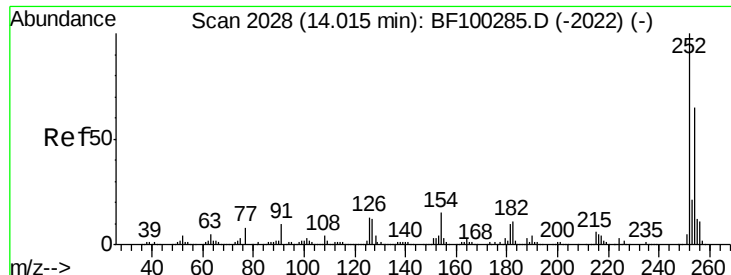
Tgt Ion:149 Resp: 207831
Ion Ratio Lower Upper
149 100
91 67.9 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.97 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:228 Resp: 473584
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 15.8 23.6

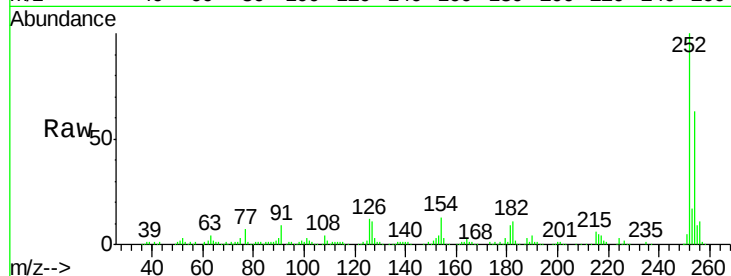




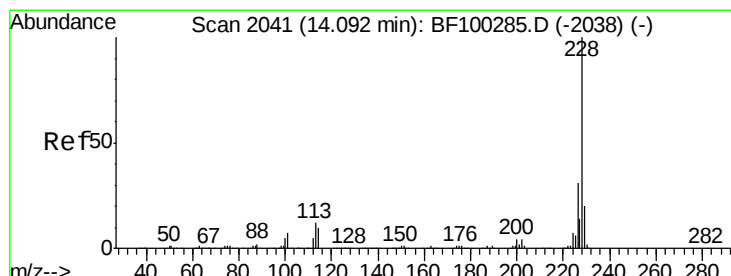
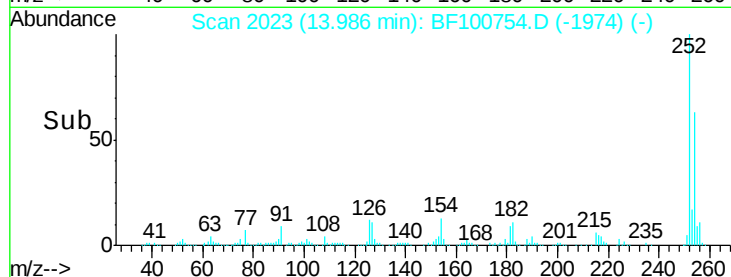
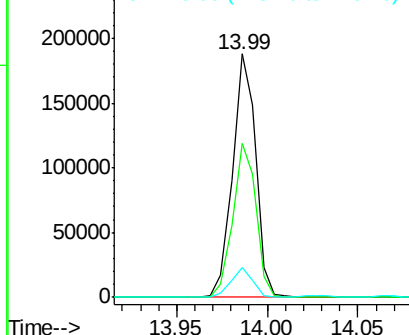
#81
 3,3'-Dichlorobenzidine
 Concen: 41.21 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	12.1	11.3	16.9

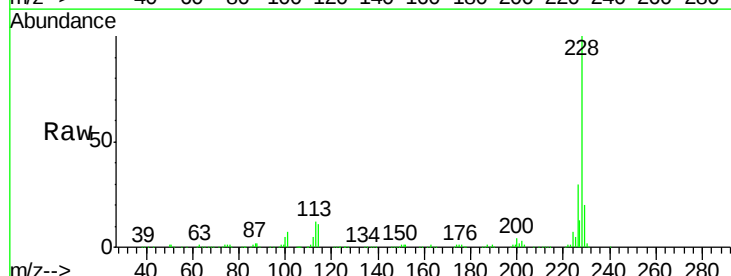


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

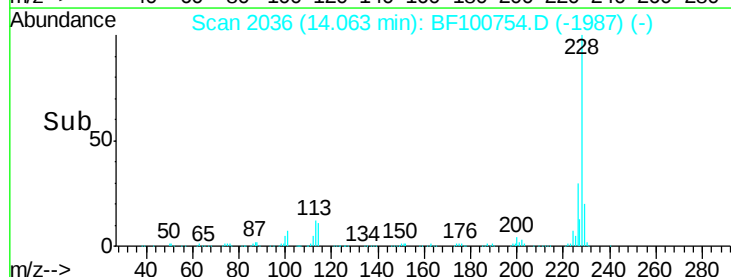
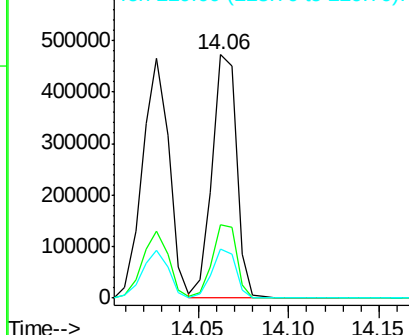


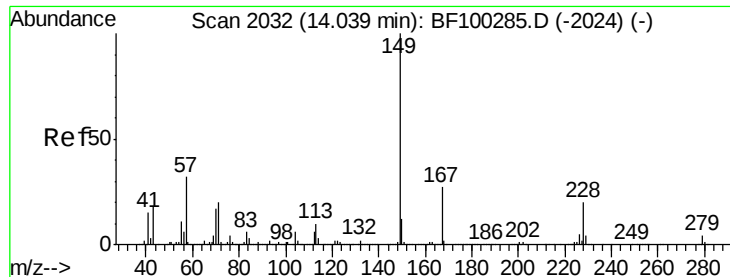
#82
 Chrysene
 Concen: 40.73 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.0	16.2	24.4



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

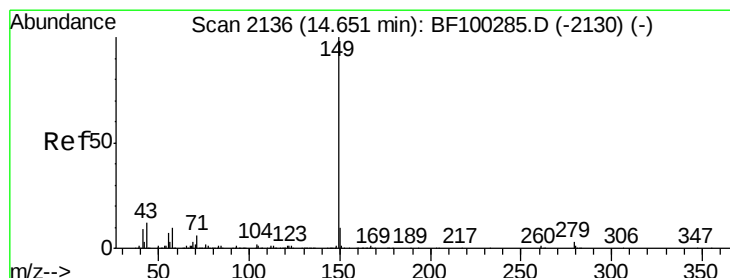
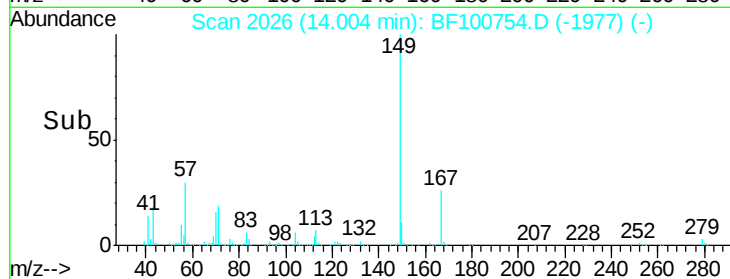
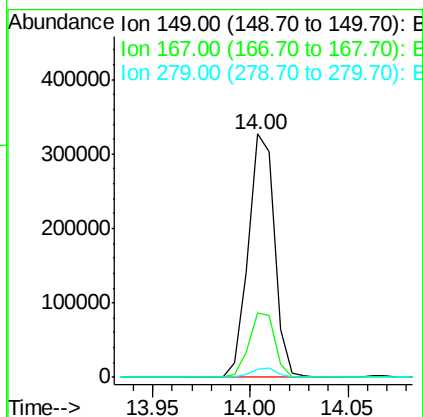
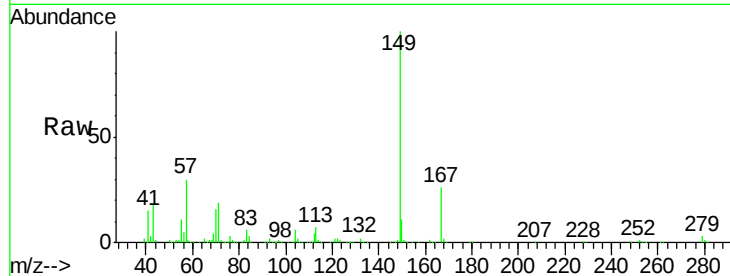




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.69 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

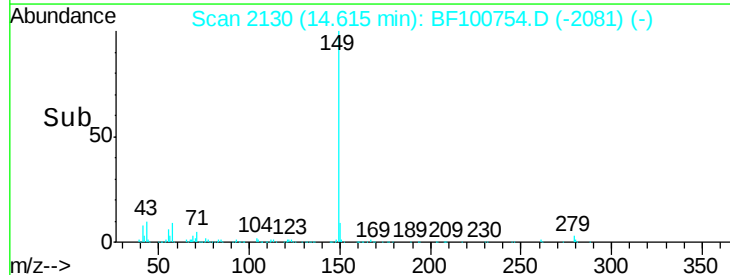
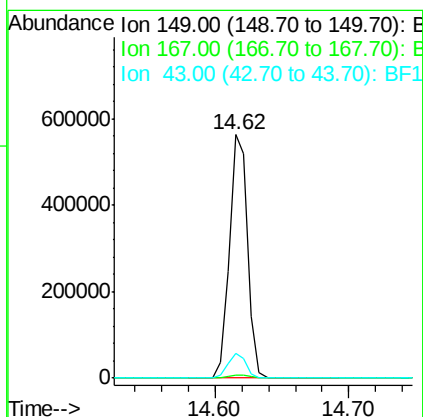
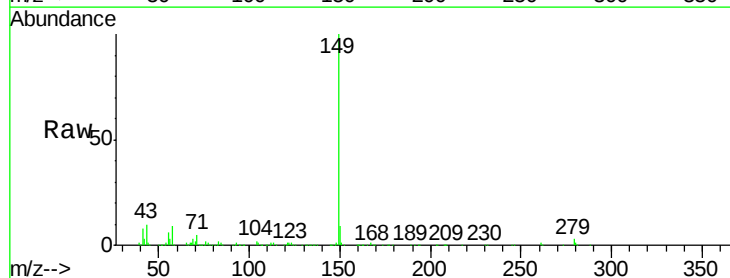
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

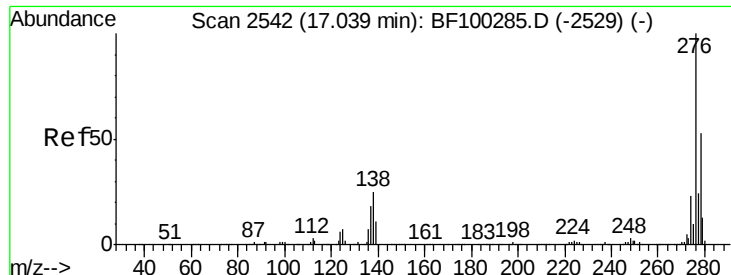
Tgt Ion:149 Resp: 305807
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 43.88 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion:149 Resp: 539957
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.8 8.4 12.6

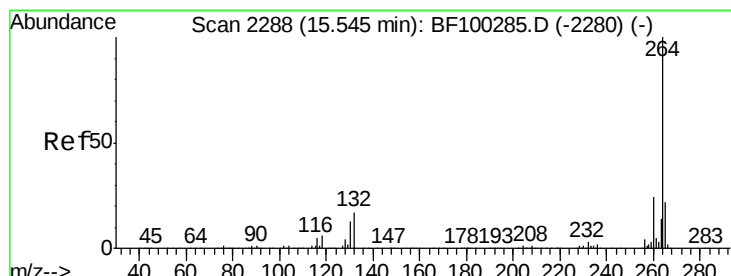
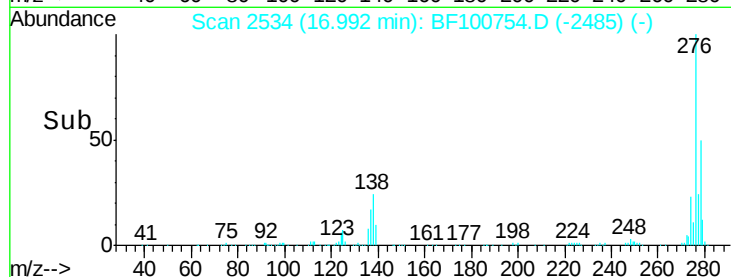
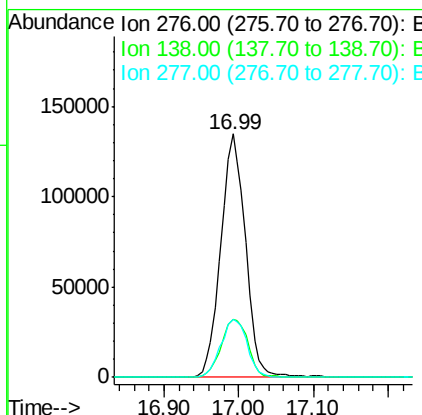
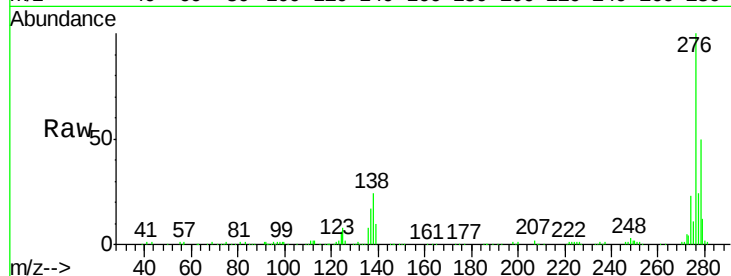




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.21 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

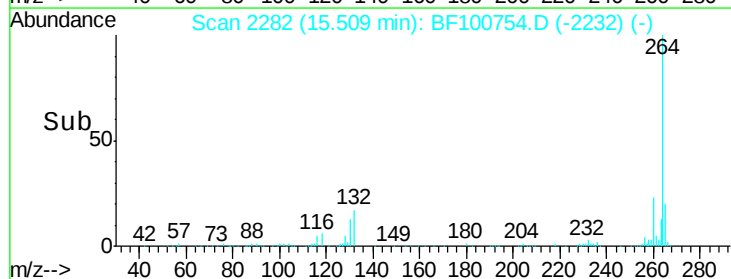
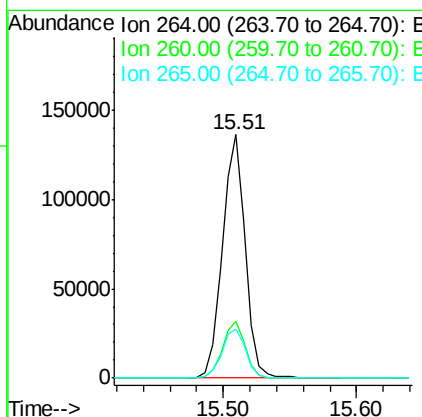
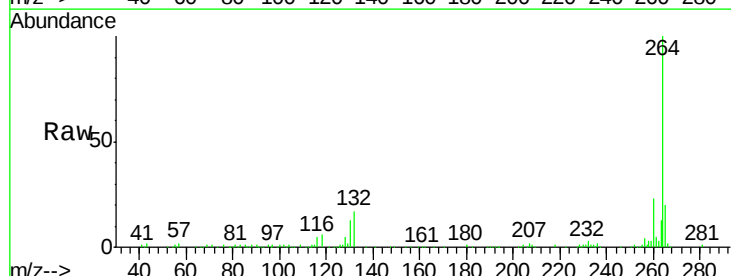
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342MS

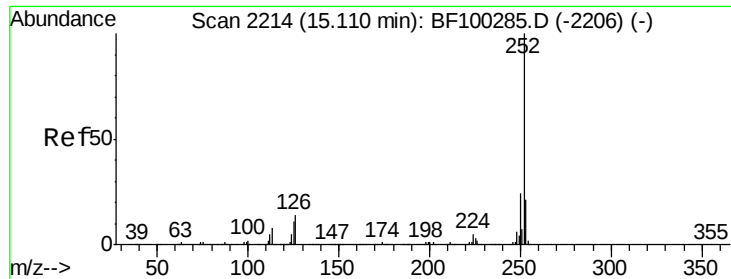
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100754.D
 Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.1	17.5	26.3

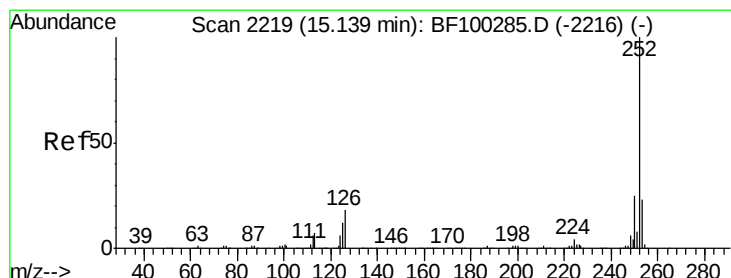
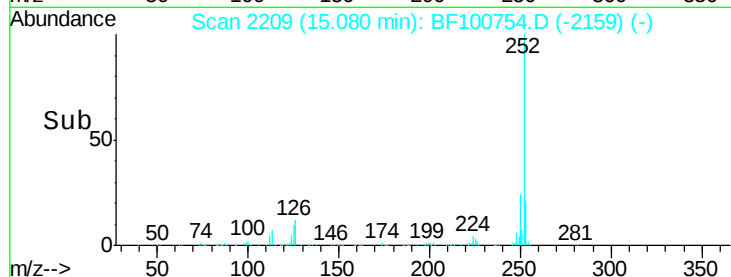
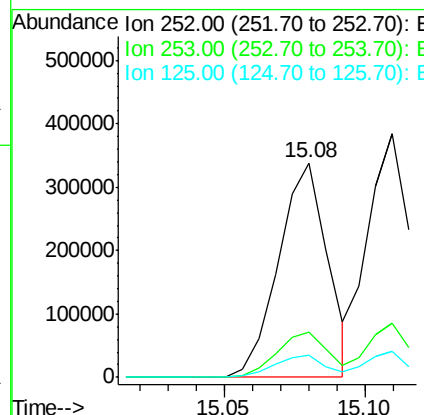
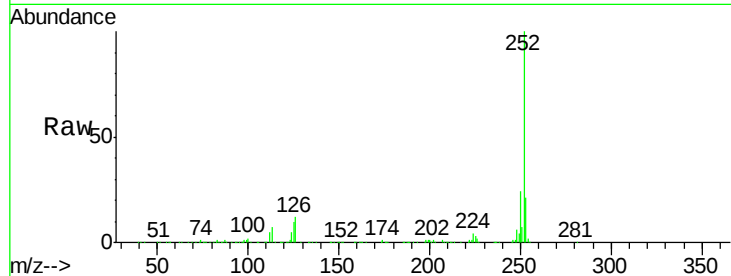




#87
Benzo(b)fluoranthene
Concen: 42.13 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

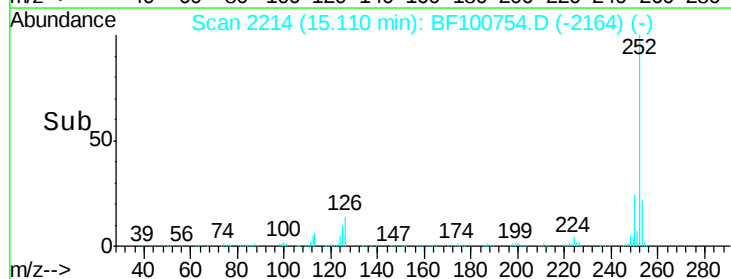
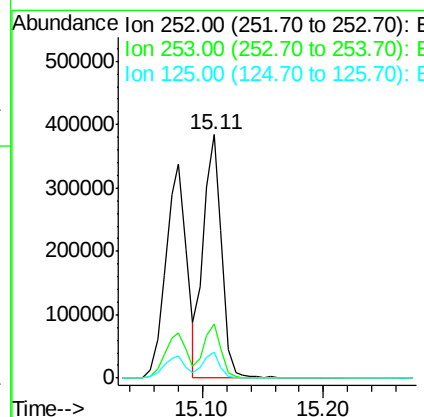
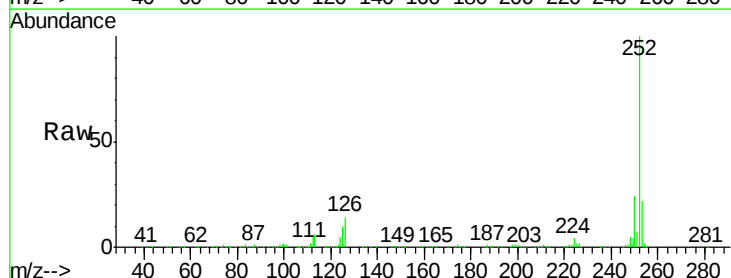
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

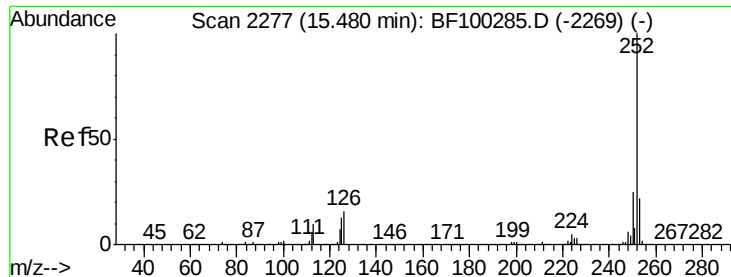
Tgt Ion:252 Resp: 408486
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.52 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion:252 Resp: 398763
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.4 10.2 15.2

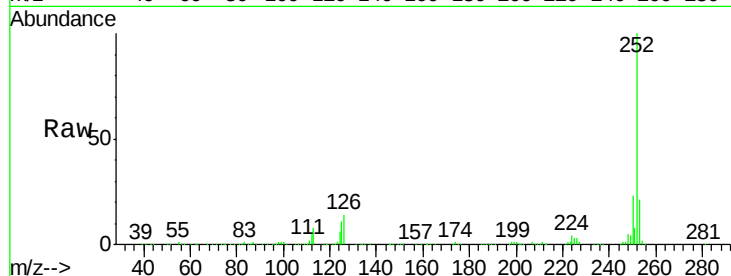




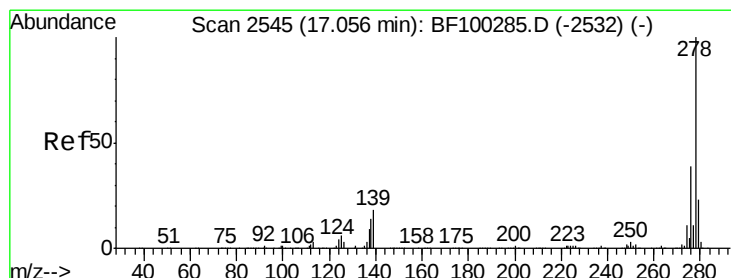
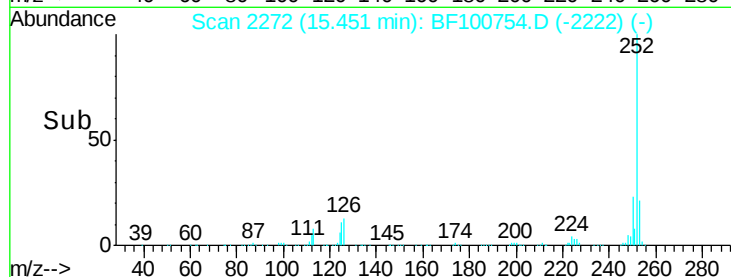
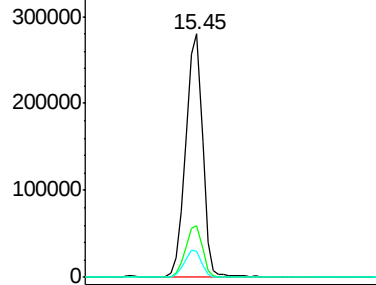
#89
Benzo(a)pyrene
Concen: 42.20 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	10.8	9.8	14.6

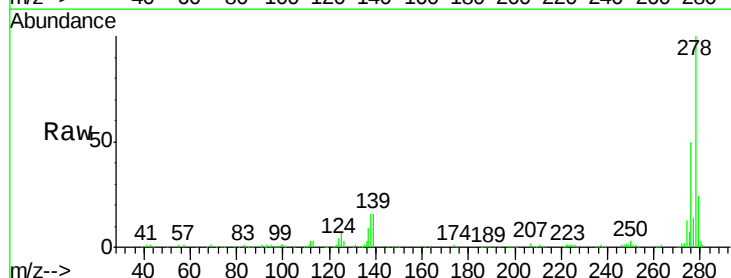


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

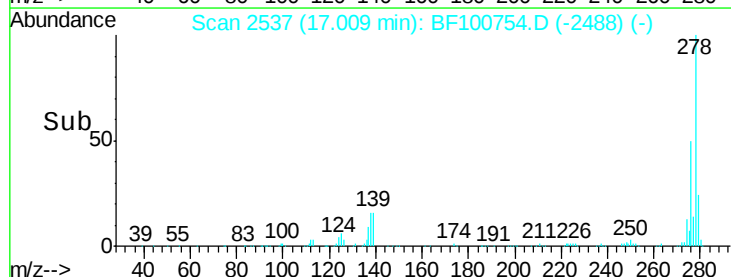
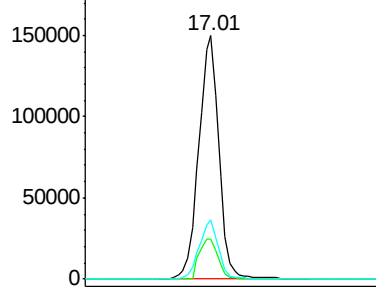


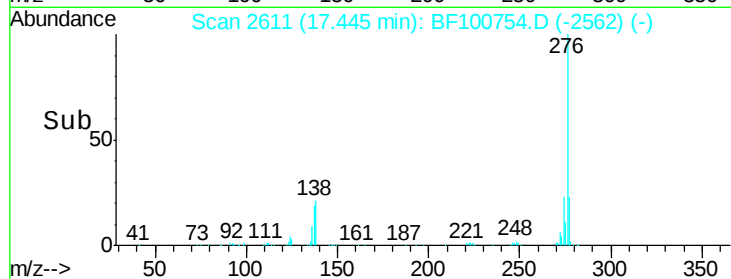
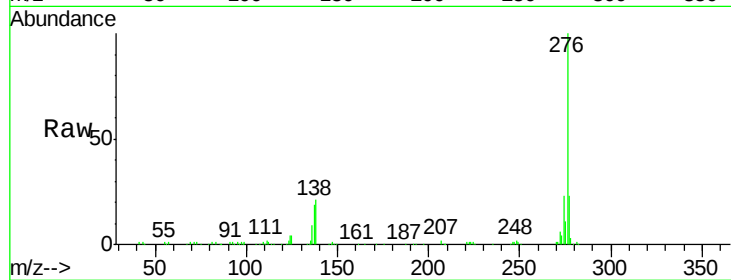
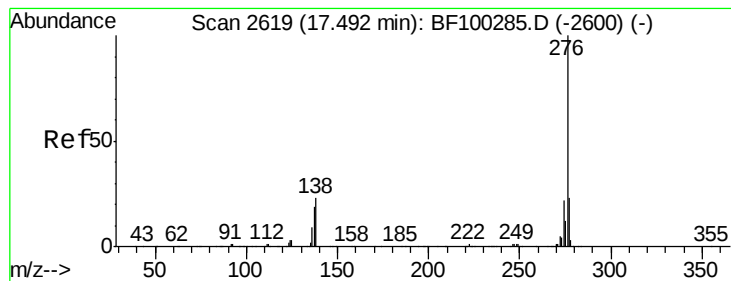
#90
Dibenzo(a,h)anthracene
Concen: 37.58 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100754.D
Acq: 21 Nov 2017 2:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	24.3	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.61 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100754.D

Acq: 21 Nov 2017 2:08

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342MS

Tgt Ion: 276 Resp: 251923

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 21.1 21.8 32.8#

