

Data File : BF100646.D
Acq On : 16 Nov 2017 23:11
Operator : SJ/JU
Sample : PB104306BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Quant Time: Nov 17 01:12:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118175	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	454089	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	194523	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	315061	20.00	ng	0.00
75) Chrysene-d12	14.04	240	217278	20.00	ng	0.00
86) Perylene-d12	15.52	264	187210	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	568540	77.12	ng	0.01
7) Phenol-d6	6.52	99	696163	76.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	648512	94.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	158508	79.97	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1221668	95.63	ng	0.00
78) Terphenyl-d14	12.99	244	769887	81.42	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.77	88	134507	37.44	ng	94
3) Pyridine	3.53	79	398465	40.65	ng	94
4) n-Nitrosodimethylamine	3.50	42	188346	39.58	ng	99
6) Aniline	6.55	93	271640	21.15	ng	98
8) 2-Chlorophenol	6.67	128	376399	48.26	ng	95
9) Benzaldehyde	6.43	77	138682	21.36	ng	98
10) Phenol	6.53	94	453121	47.48	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	353128	44.05	ng	97
12) 1,3-Dichlorobenzene	6.83	146	419016	46.60	ng	97
13) 1,4-Dichlorobenzene	6.90	146	425336	46.74	ng	97
14) 1,2-Dichlorobenzene	7.06	146	392767	46.68	ng	97
15) Benzyl Alcohol	7.03	79	316954	44.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	643036	50.16	ng	99
17) 2-Methylphenol	7.13	107	328747	49.33	ng	98
18) Hexachloroethane	7.40	117	131874	43.95	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	256998	40.76	ng	96
20) 3+4-Methylphenols	7.29	107	379175	44.96	ng	# 87
22) Acetophenone	7.30	105	491079	44.35	ng	# 98
24) Nitrobenzene	7.47	77	383991	54.32	ng	98
25) Isophorone	7.71	82	724675	50.21	ng	98
26) 2-Nitrophenol	7.79	139	200359	59.05	ng	88
27) 2,4-Dimethylphenol	7.82	122	360524	55.72	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	464732	49.22	ng	99
29) 2,4-Dichlorophenol	8.02	162	333719	54.03	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	340866	51.02	ng	95
31) Naphthalene	8.19	128	1060844	48.50	ng	99
32) Benzoic acid	7.93	122	128308	30.21	ng	96
33) 4-Chloroaniline	8.23	127	133270	14.64	ng	98
34) Hexachlorobutadiene	8.30	225	198502	49.97	ng	100
35) Caprolactam	8.62	113	74991	35.38	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	330086	49.76	ng	98
37) 2-Methylnaphthalene	8.88	142	724163	49.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	337931	52.38	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	119392	39.32	ng	99

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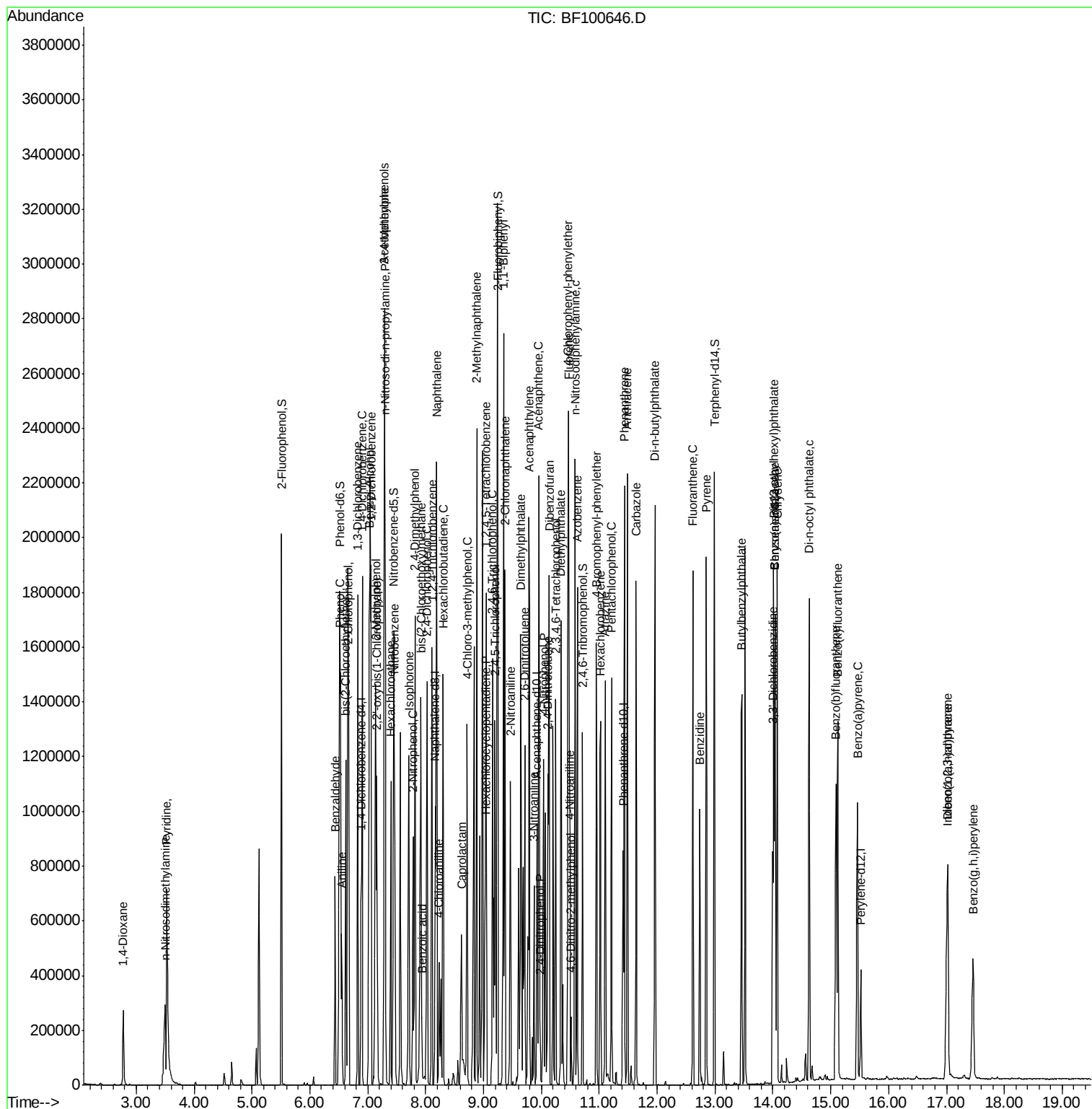
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	230360	56.34	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	236977	55.94	ng	95
45) 1,1'-Biphenyl	9.35	154	847137	50.35	ng	99
46) 2-Chloronaphthalene	9.37	162	660884	54.15	ng	95
47) 2-Nitroaniline	9.47	65	204527	56.21	ng	96
48) Acenaphthylene	9.79	152	980403	48.47	ng	99
49) Dimethylphthalate	9.65	163	789843	53.18	ng	99
50) 2,6-Dinitrotoluene	9.71	165	165902	56.43	ng	91
51) Acenaphthene	9.96	154	582154	47.32	ng	98
52) 3-Nitroaniline	9.87	138	106735	30.75	ng	97
53) 2,4-Dinitrophenol	9.98	184	32388	36.63	ng	# 13
54) Dibenzofuran	10.13	168	847887	49.18	ng	98
55) 4-Nitrophenol	10.04	139	246496	87.45	ng	87
56) 2,4-Dinitrotoluene	10.12	165	210794	56.84	ng	# 84
57) Fluorene	10.47	166	621220	49.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	172762	49.76	ng	# 85
59) Diethylphthalate	10.34	149	733926	49.38	ng	95
60) 4-Chlorophenyl-phenylether	10.46	204	316818	51.13	ng	91
61) 4-Nitroaniline	10.49	138	149015	45.27	ng	88
62) Azobenzene	10.62	77	633075	45.22	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	30039	24.08	ng	89
65) n-Nitrosodiphenylamine	10.58	169	604156	55.15	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	195631	57.92	ng	# 88
67) Hexachlorobenzene	11.02	284	191293	54.15	ng	# 85
68) Atrazine	11.10	200	190417	57.42	ng	98
69) Pentachlorophenol	11.21	266	180281	71.18	ng	97
70) Phenanthrene	11.43	178	827392	49.88	ng	100
71) Anthracene	11.49	178	844425	50.17	ng	99
72) Carbazole	11.64	167	733105	47.21	ng	99
73) Di-n-butylphthalate	11.96	149	1013933	55.79	ng	99
74) Fluoranthene	12.62	202	767320	43.65	ng	96
76) Benzidine	12.74	184	372023	42.75	ng	98
77) Pyrene	12.85	202	760294	49.09	ng	100
79) Butylbenzylphthalate	13.46	149	353532	55.97	ng	# 89
80) Benzo(a)anthracene	14.04	228	696829	53.26	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	229169	48.88	ng	# 97
82) Chrysene	14.07	228	634179	50.05	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	491403	59.15	ng	100
84) Di-n-octyl phthalate	14.63	149	806978	56.54	ng	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	479247	46.76	ng	95
87) Benzo(b)fluoranthene	15.09	252	616317	55.57	ng	99
88) Benzo(k)fluoranthene	15.12	252	576807	55.04	ng	97
89) Benzo(a)pyrene	15.46	252	535469	54.46	ng	99
90) Dibenzo(a,h)anthracene	17.03	278	410039	50.99	ng	97
91) Benzo(g,h,i)perylene	17.46	276	390558	49.62	ng	95

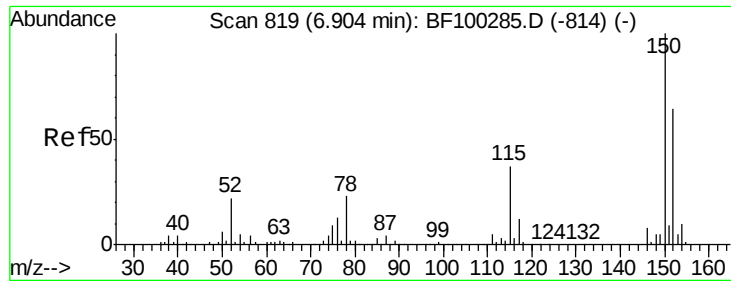
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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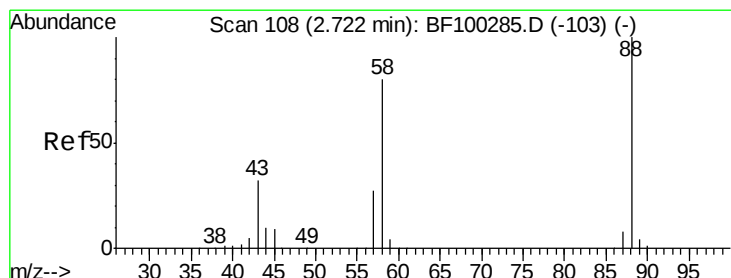
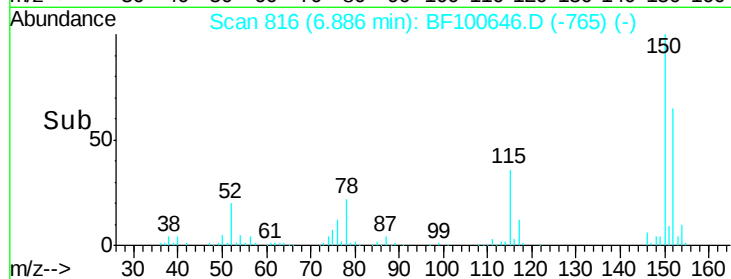
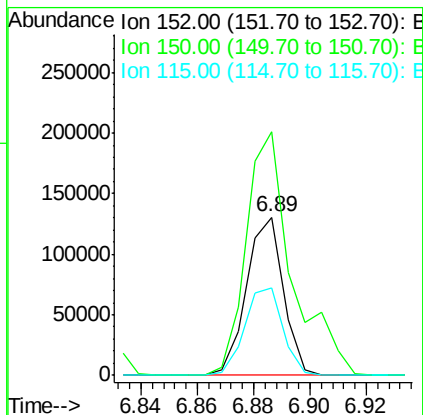
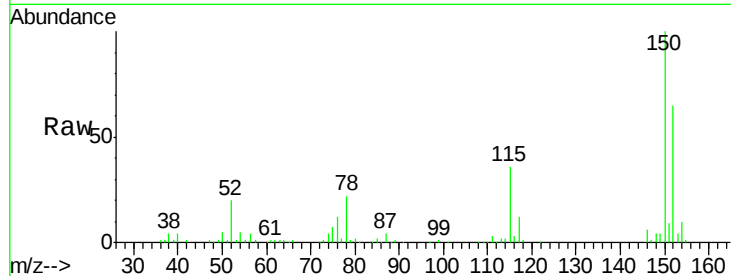


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
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Acq: 16 Nov 2017 23:11

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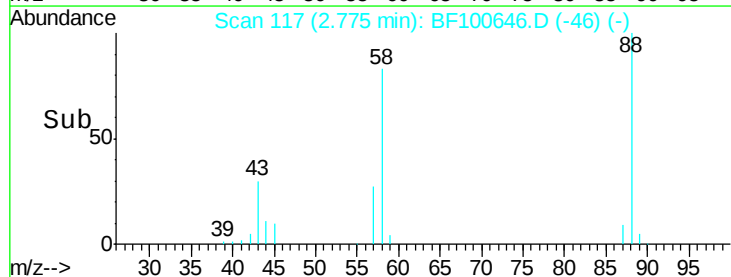
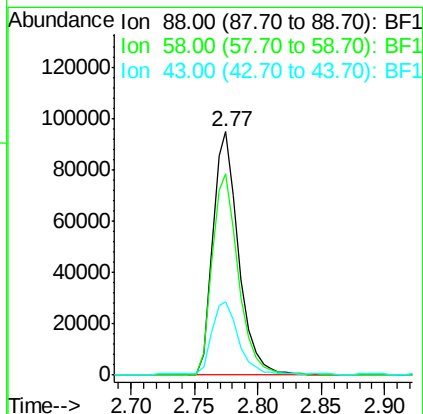
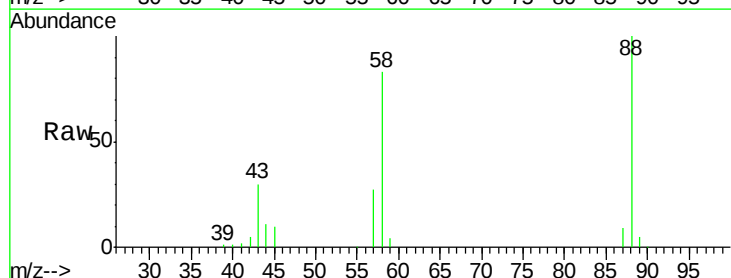
Tgt Ion:152 Resp: 118175
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 55.7 50.1 75.1

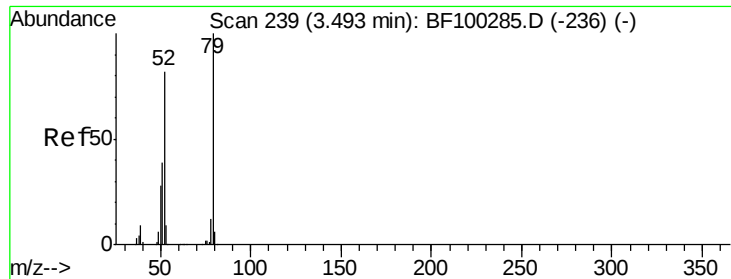


#2

1,4-Dioxane
Concen: 37.44 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.12 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion: 88 Resp: 134507
Ion Ratio Lower Upper
88 100
58 84.2 62.6 93.8
43 31.9 24.6 37.0





#3

Pyridine

Concen: 40.65 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

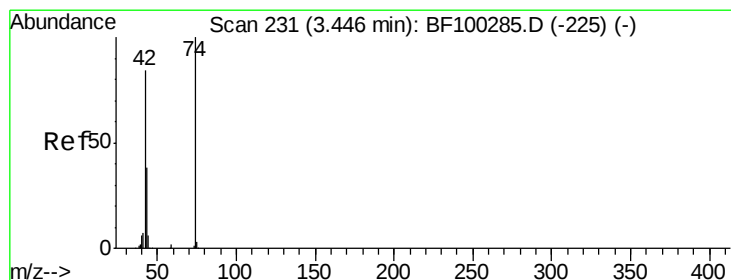
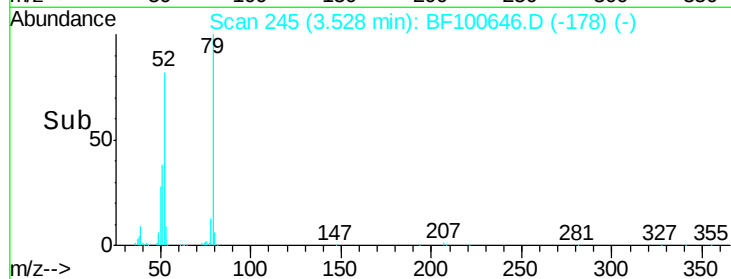
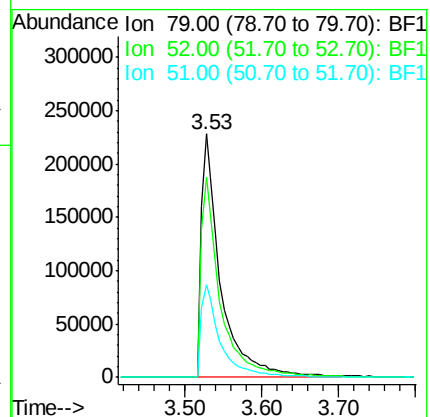
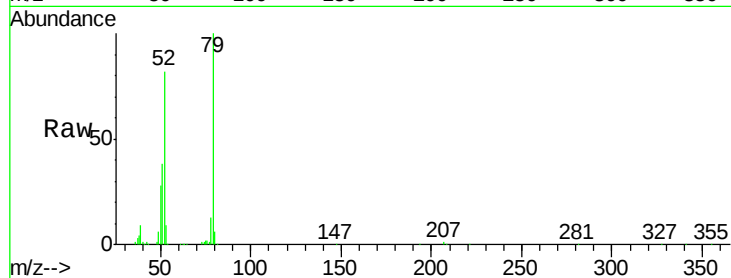
Tgt Ion: 79 Resp: 398465

Ion Ratio Lower Upper

79 100

52 82.2 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.58 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

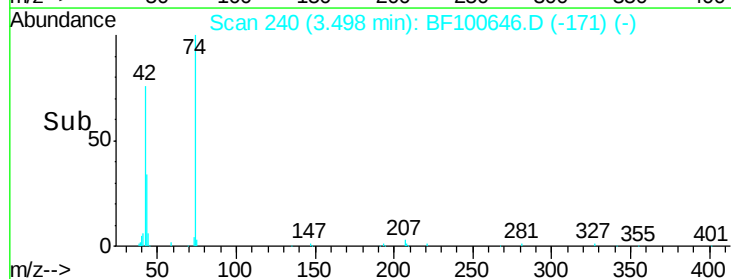
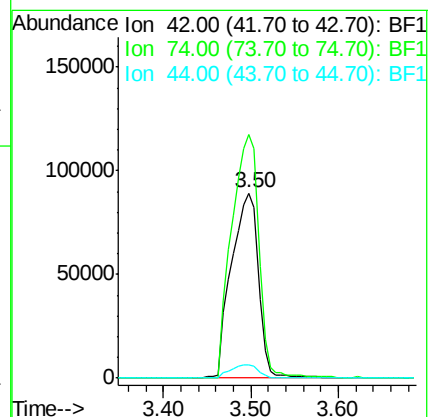
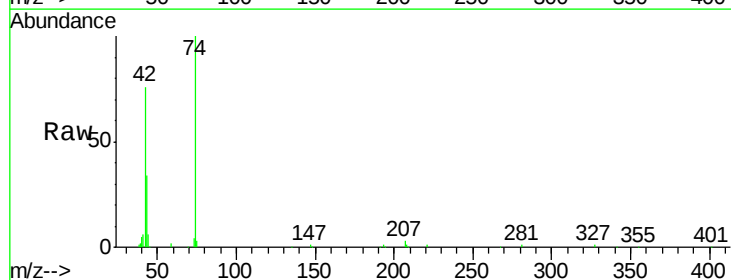
Tgt Ion: 42 Resp: 188346

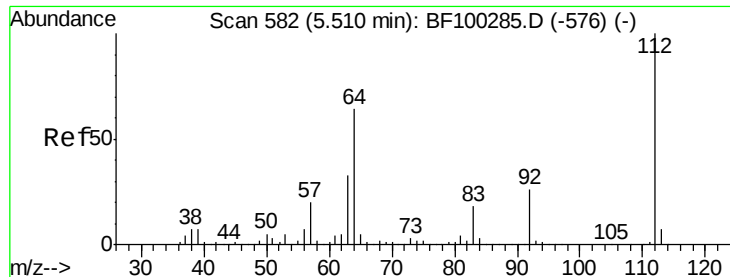
Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 77.12 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

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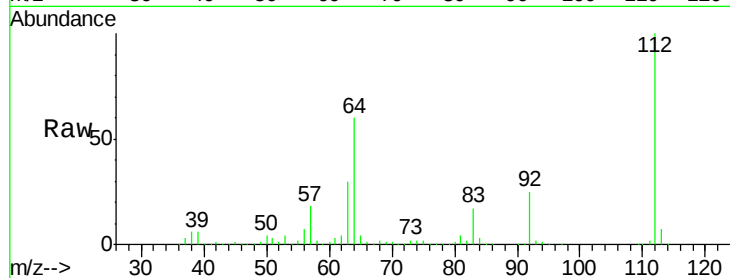
Tgt Ion: 112 Resp: 568540

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

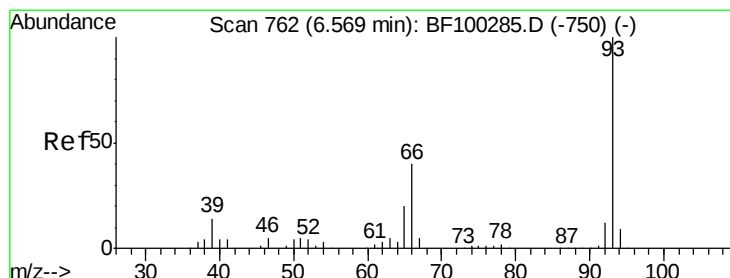
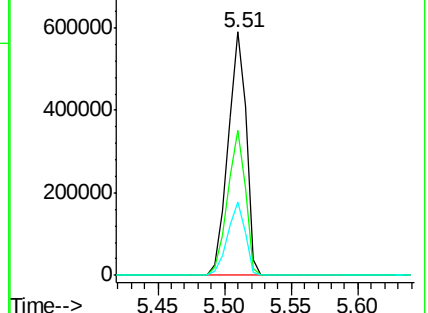
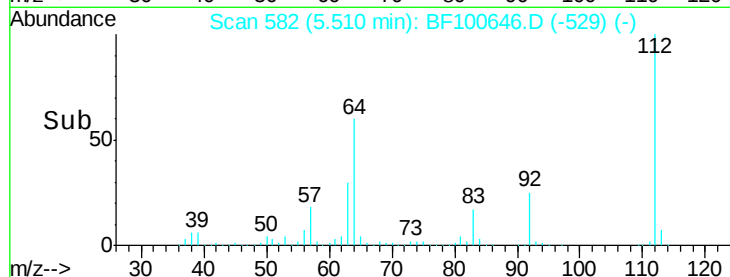
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.15 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

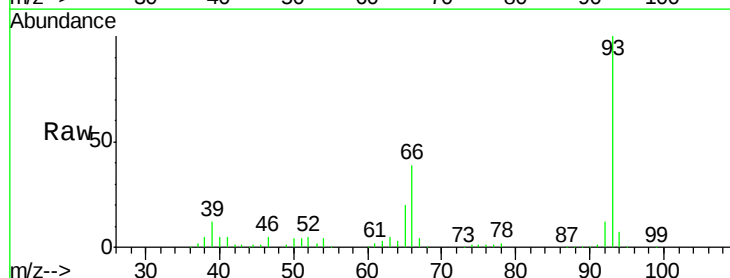
Tgt Ion: 93 Resp: 271640

Ion Ratio Lower Upper

93 100

66 38.6 32.2 48.2

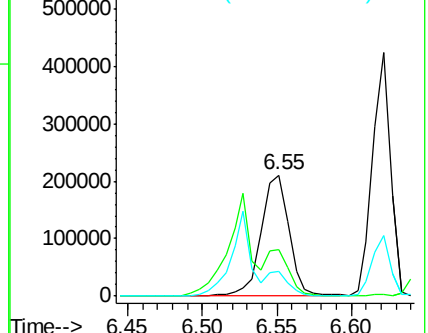
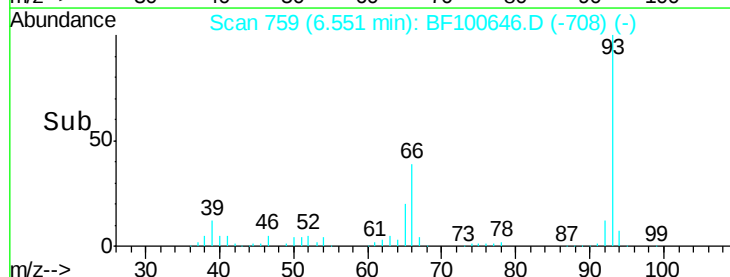
65 20.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.58 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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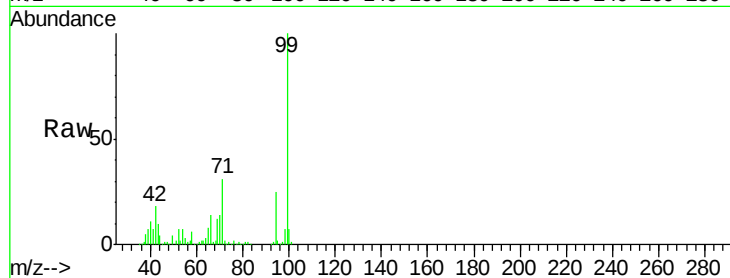
Tgt Ion: 99 Resp: 696163

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

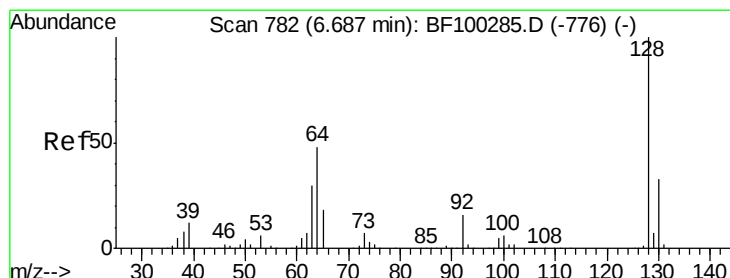
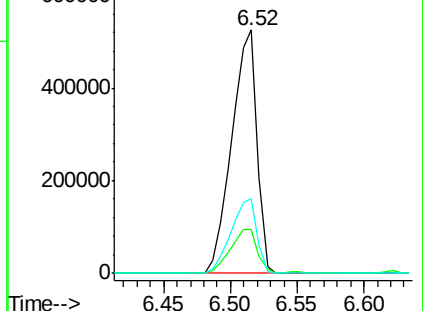
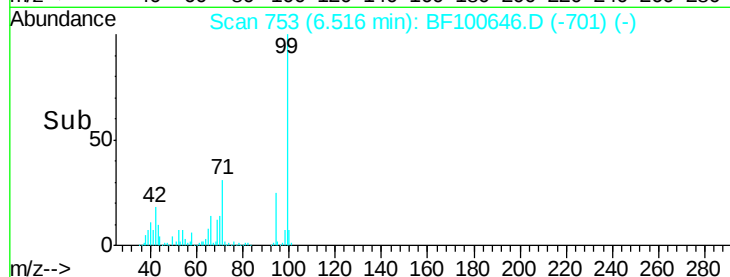
71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.26 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

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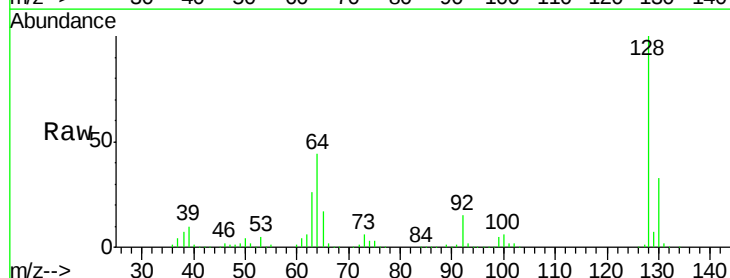
Tgt Ion: 128 Resp: 376399

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

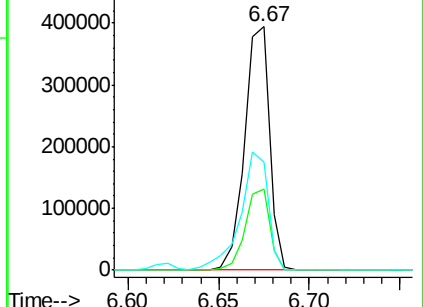
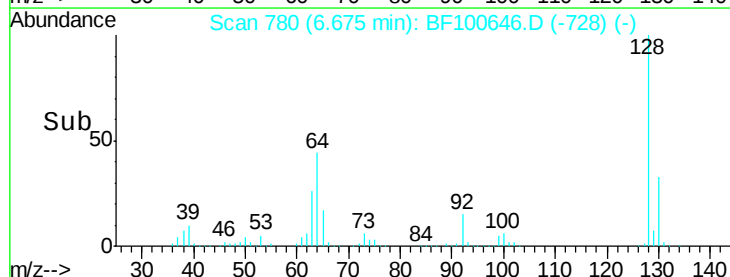
64 44.4 29.4 69.4

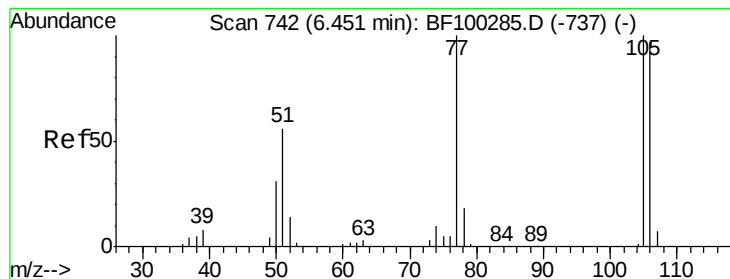


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.36 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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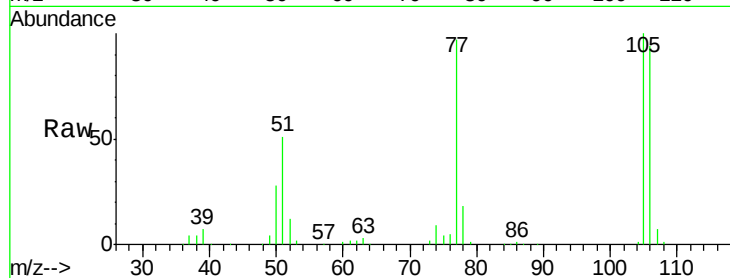
Tgt Ion: 77 Resp: 138682

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

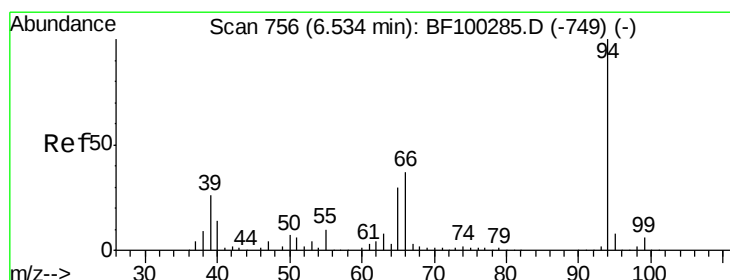
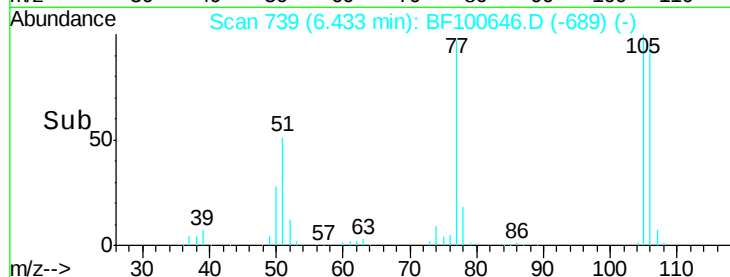
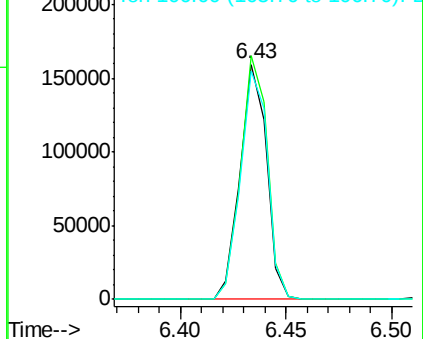
106 96.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.48 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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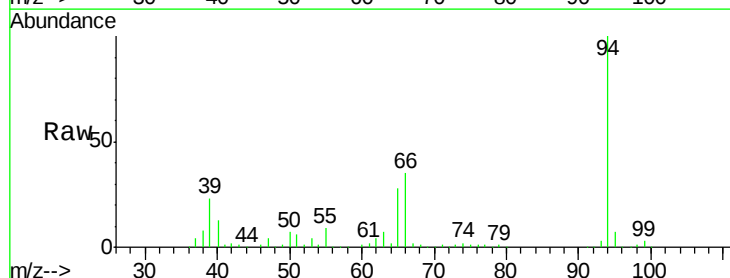
Tgt Ion: 94 Resp: 453121

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

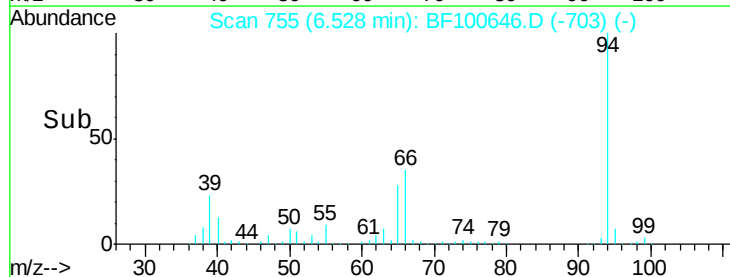
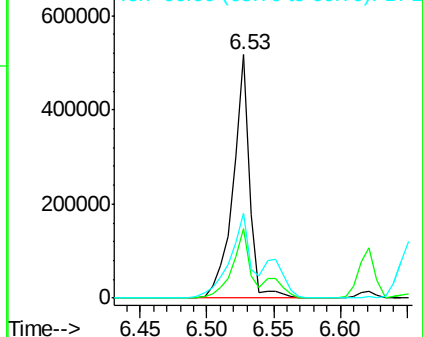
66 34.8 16.2 56.2

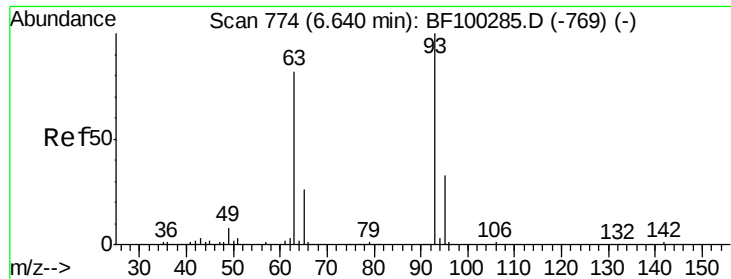


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

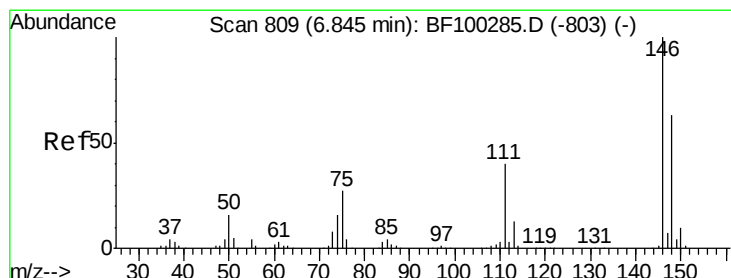
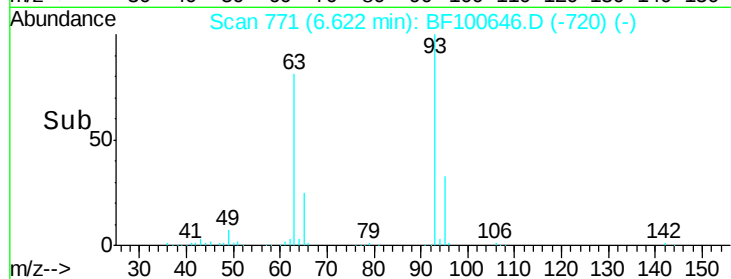
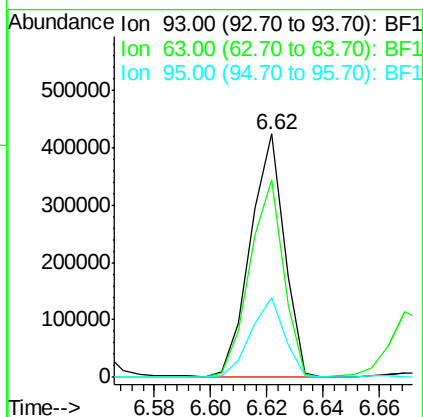
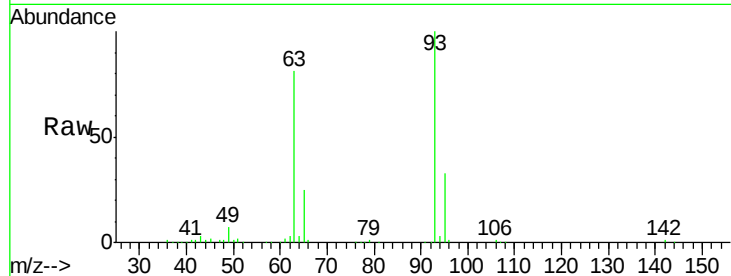




#11
bis(2-Chloroethyl)ether
Concen: 44.05 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

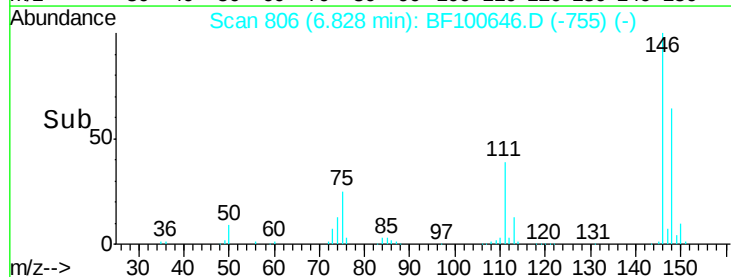
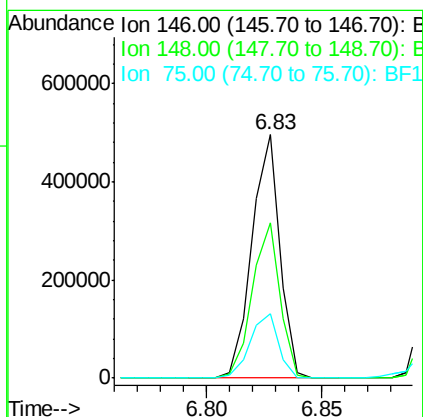
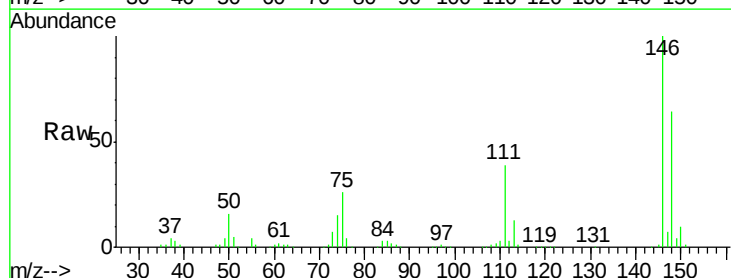
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

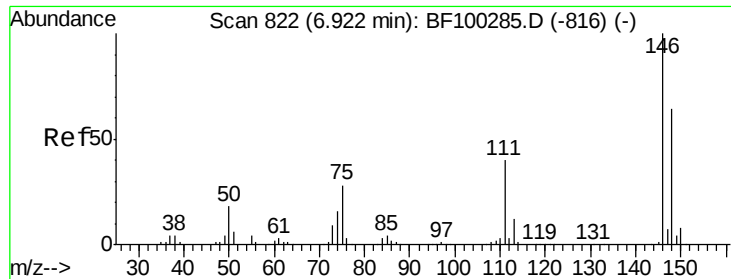
Tgt Ion: 93 Resp: 353128
Ion Ratio Lower Upper
93 100
63 81.4 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.60 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion: 146 Resp: 419016
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 26.4 24.2 36.4

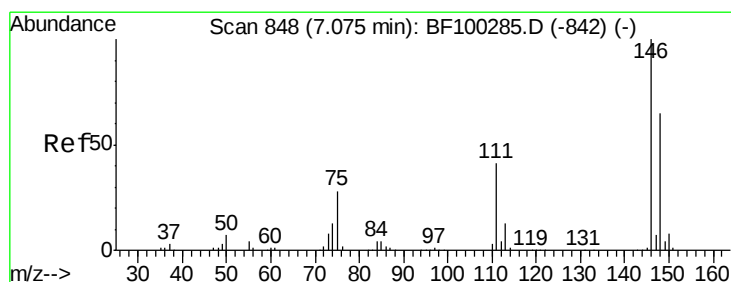
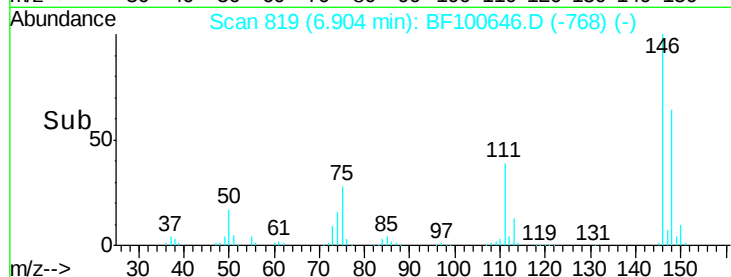
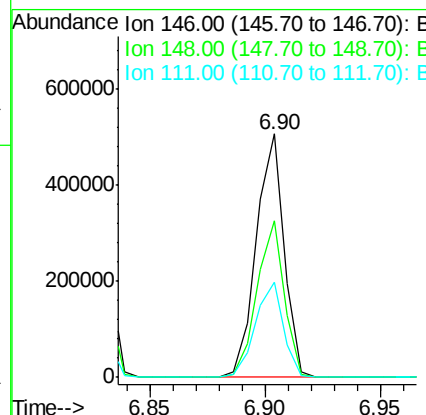
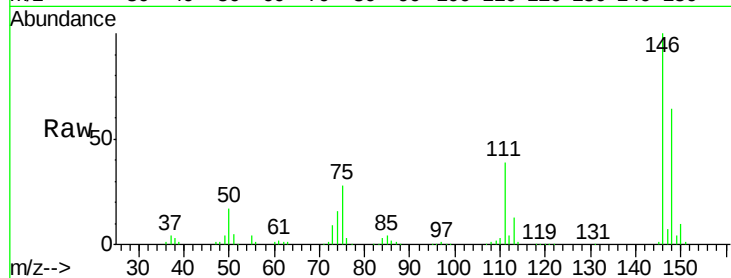




#13
 1,4-Dichlorobenzene
 Concen: 46.74 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

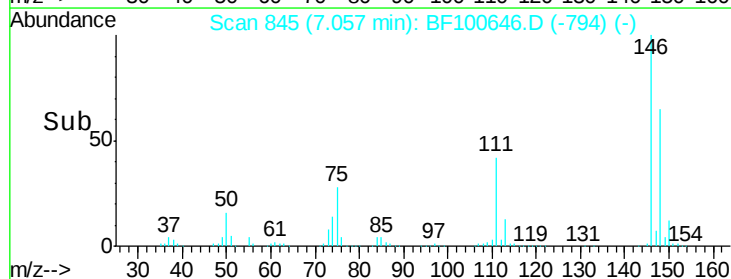
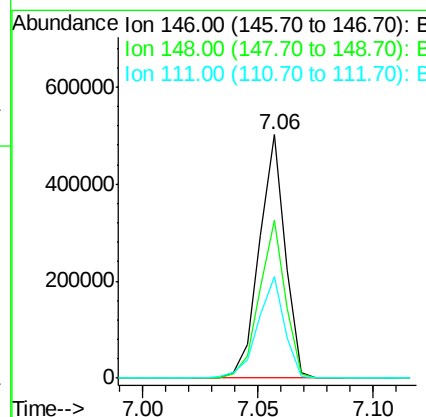
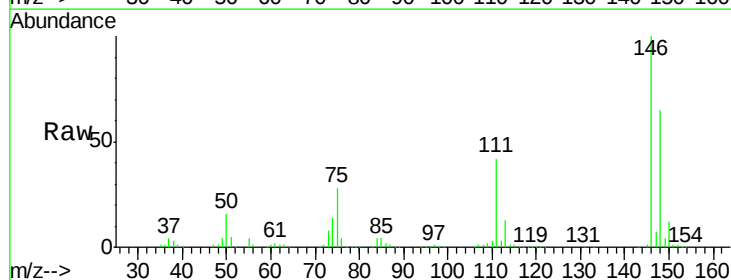
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

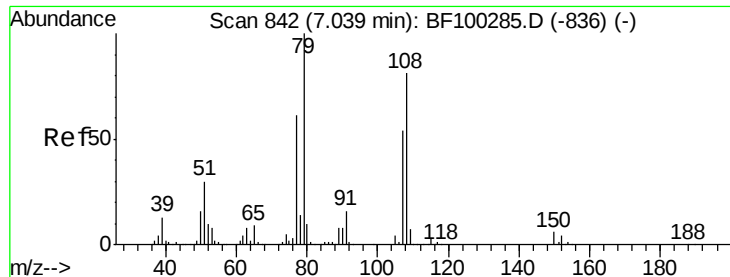
Tgt Ion:146 Resp: 425336
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 38.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 46.68 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:146 Resp: 392767
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 44.67 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

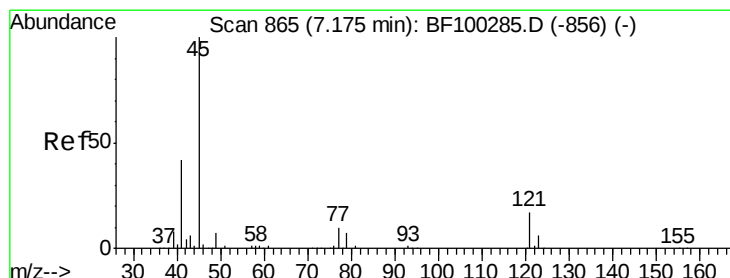
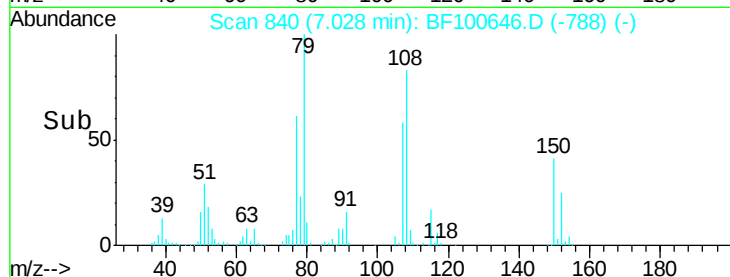
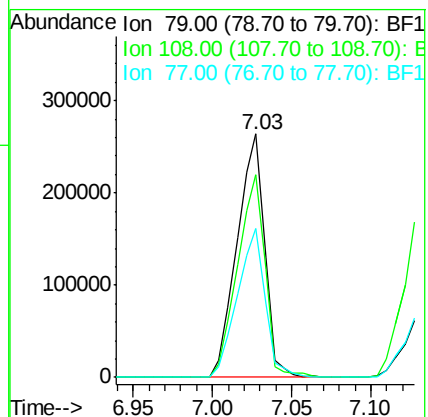
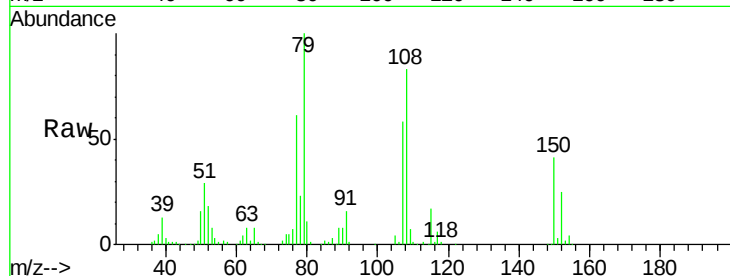
Tgt Ion: 79 Resp: 316954

Ion Ratio Lower Upper

79 100

108 83.2 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.16 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

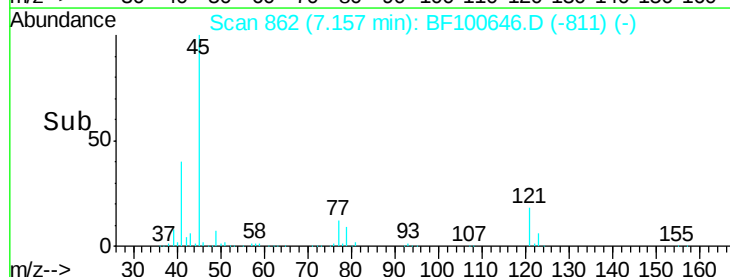
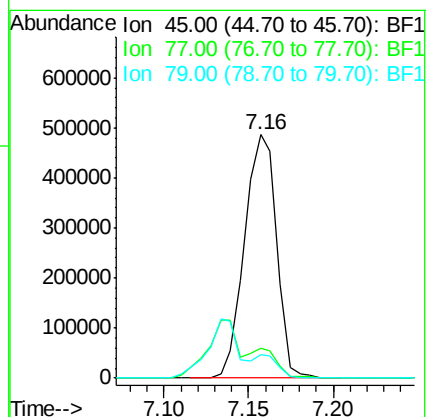
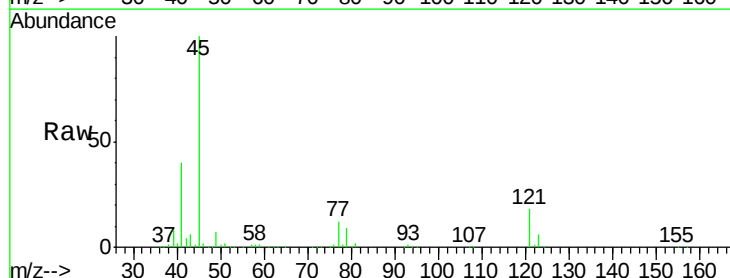
Tgt Ion: 45 Resp: 643036

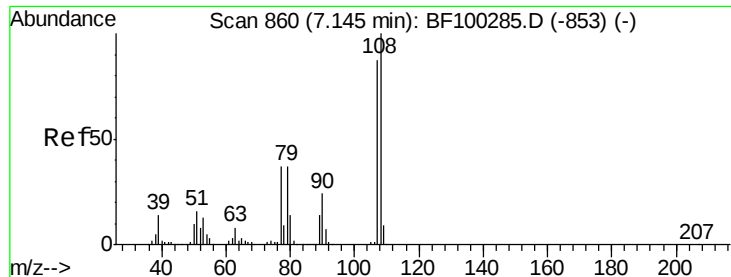
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.5 0.0 29.6





#17

2-Methylphenol

Concen: 49.33 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

Tgt Ion:107 Resp: 328747

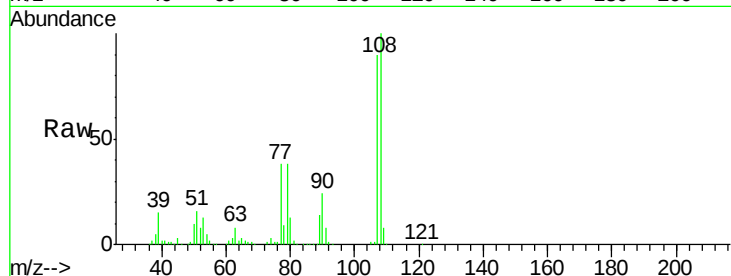
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 41.8 33.8 50.8

79 42.2 33.8 50.8

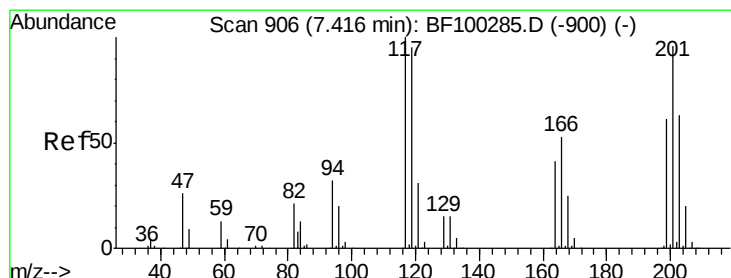
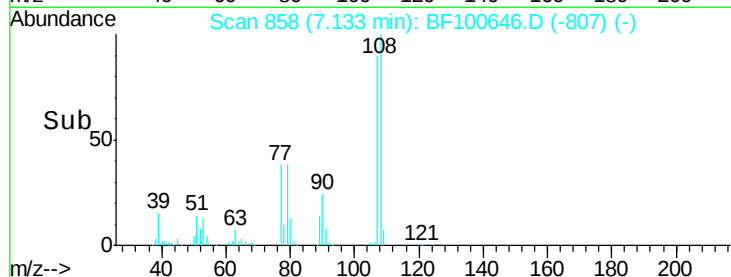
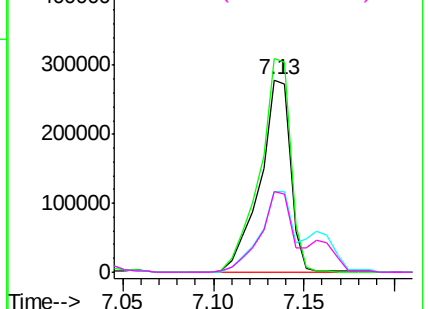


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.95 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

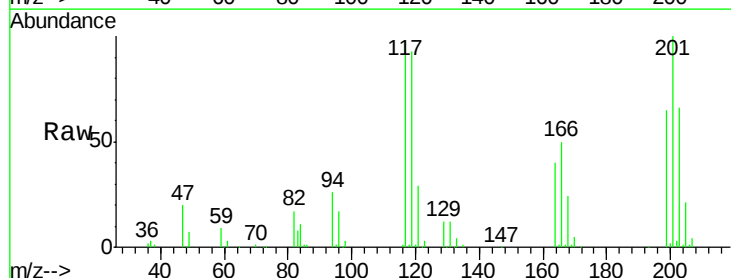
Tgt Ion:117 Resp: 131874

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

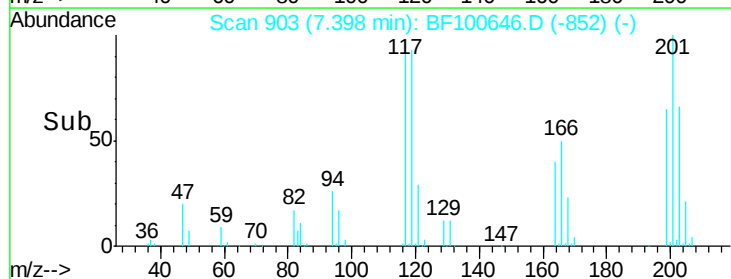
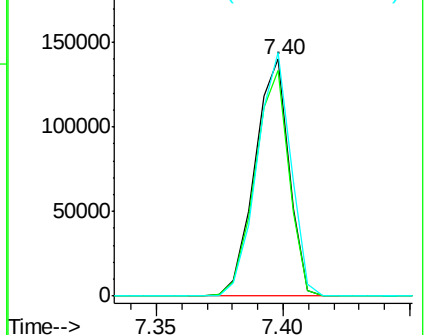
201 102.9 75.7 113.5

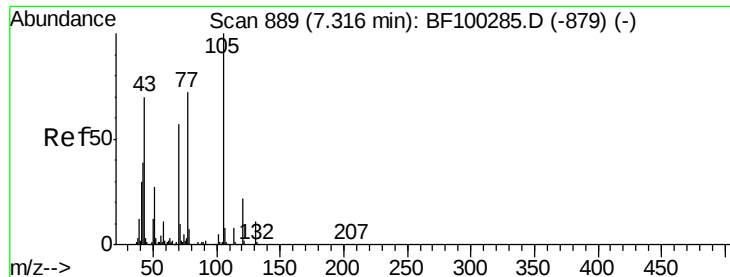


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

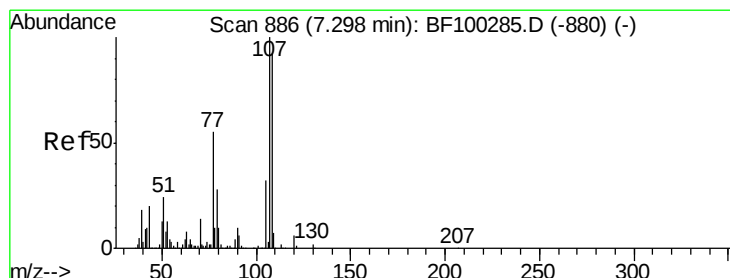
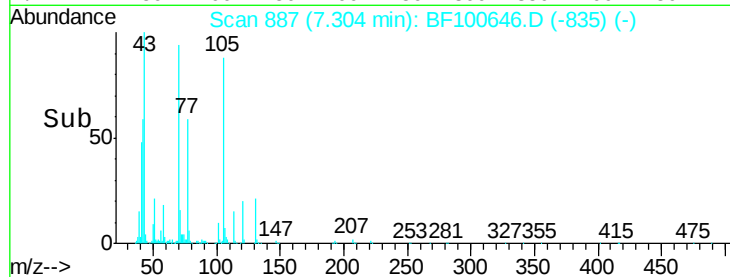
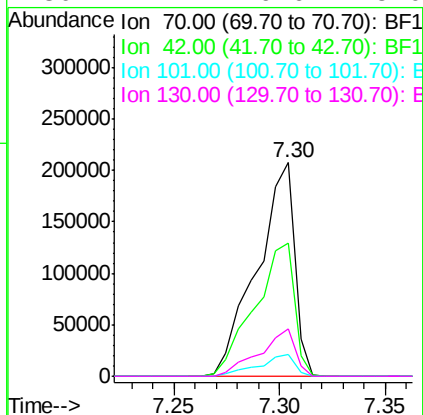
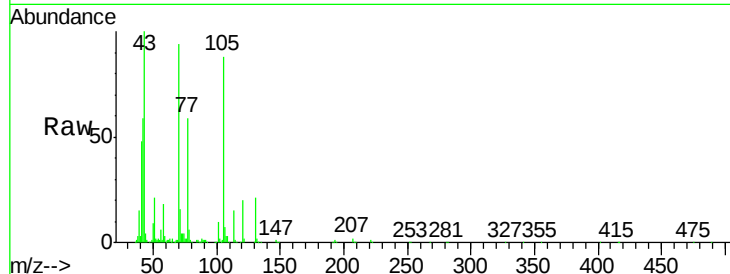




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.76 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

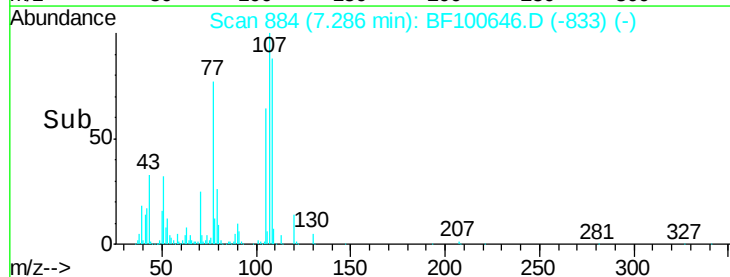
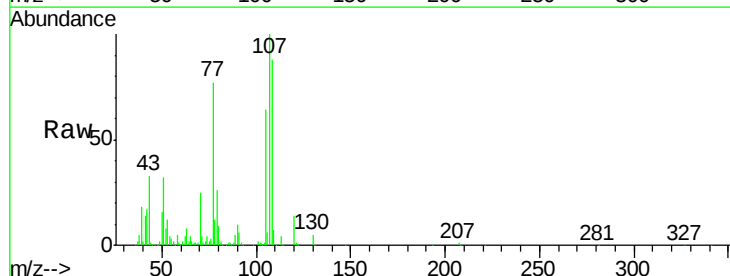
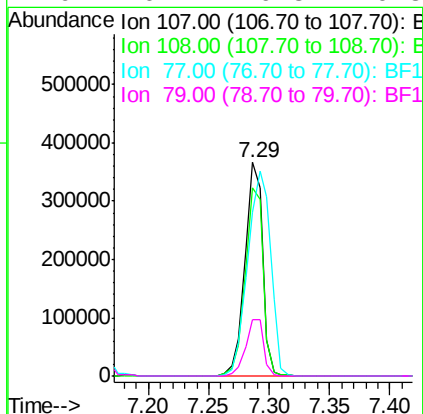
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion: 70 Resp: 256998
 Ion Ratio Lower Upper
 70 100
 42 62.3 47.5 71.3
 101 10.4 7.4 11.2
 130 22.1 16.6 25.0



#20
 3+4-Methylphenols
 Concen: 44.96 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion: 107 Resp: 379175
 Ion Ratio Lower Upper
 107 100
 108 88.1 68.2 108.2
 77 76.8 26.7 66.7#
 79 26.1 6.3 46.3

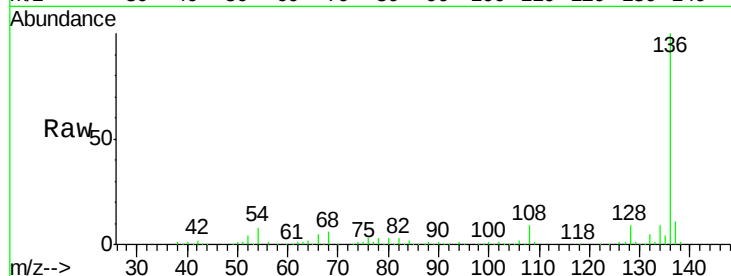




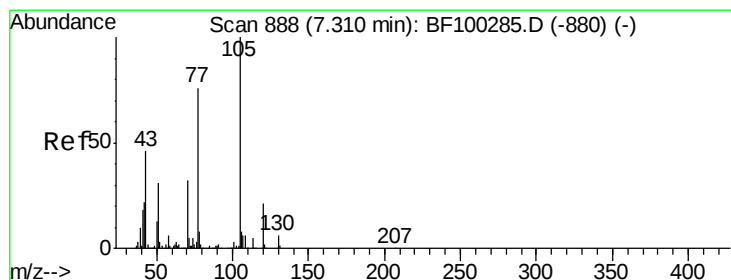
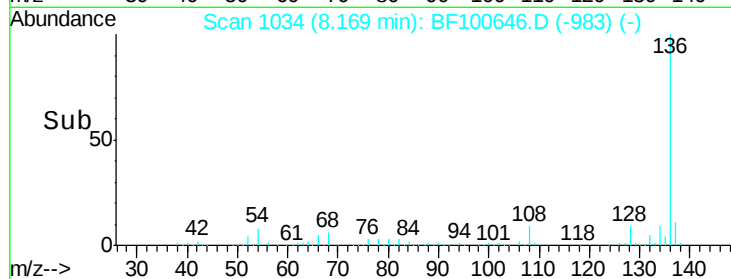
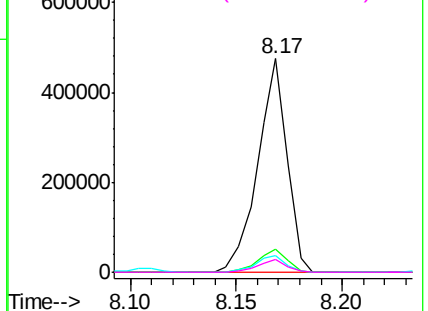
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Tgt Ion:	136	Resp:	454089
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	6.0	5.0	7.4

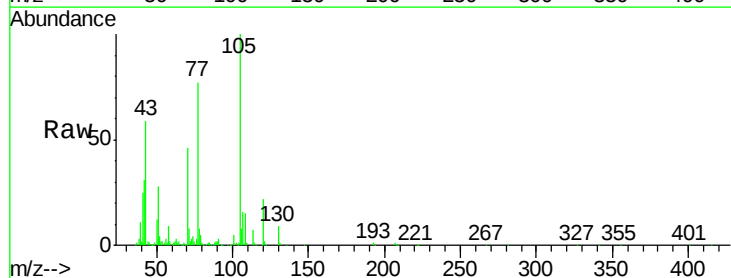


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

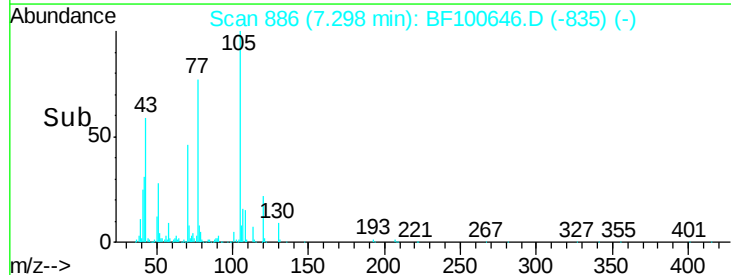
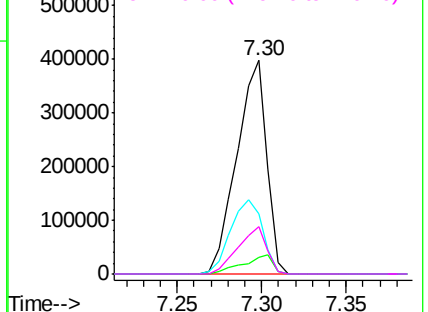


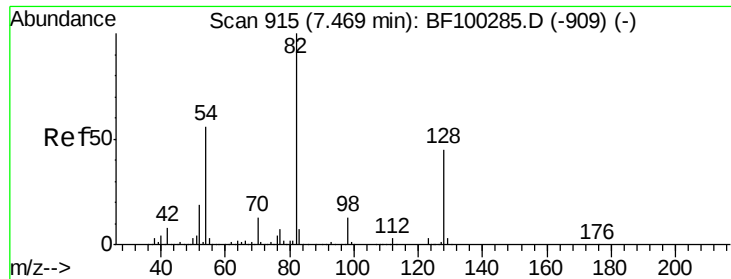
#22
Acetophenone
Concen: 44.35 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:	105	Resp:	491079
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	28.3	22.3	33.5
120	22.1	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

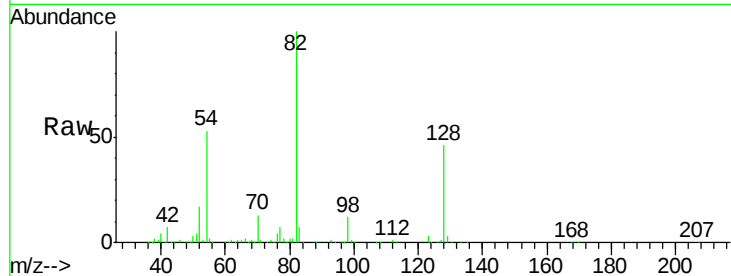




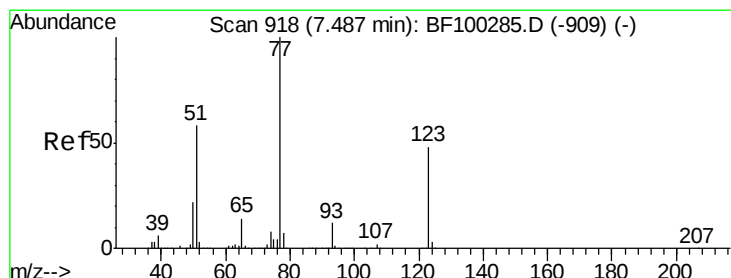
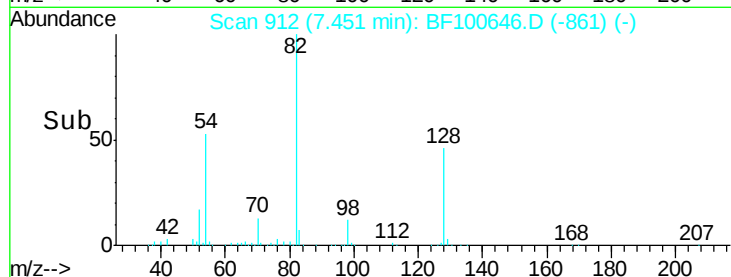
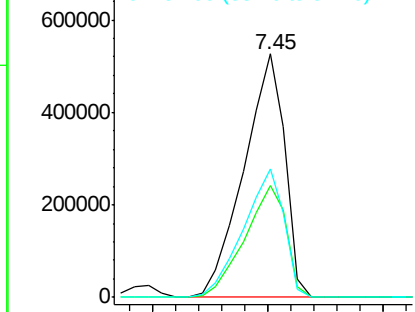
#23
 Nitrobenzene-d5
 Concen: 94.42 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion: 82 Resp: 648512
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 52.7 41.4 62.2

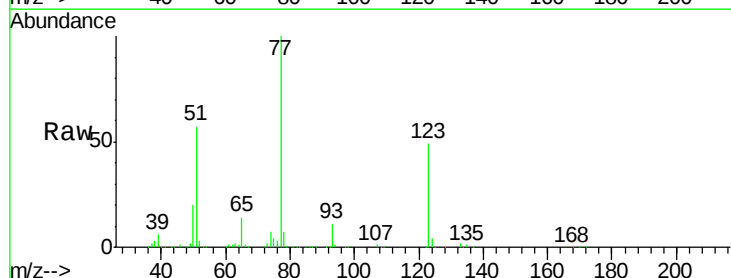


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

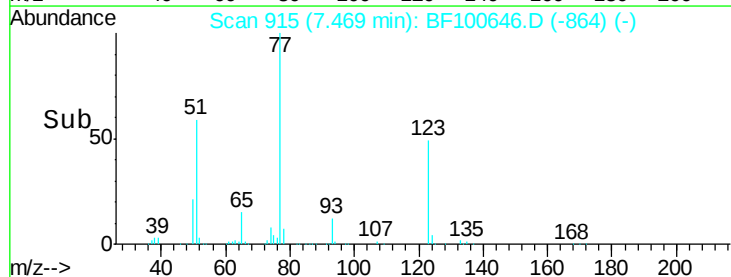
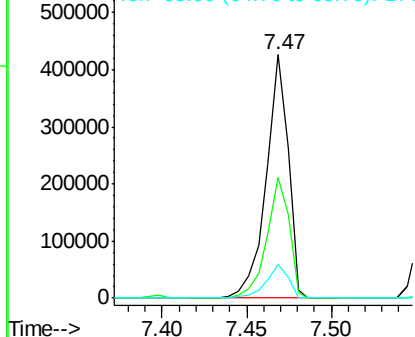


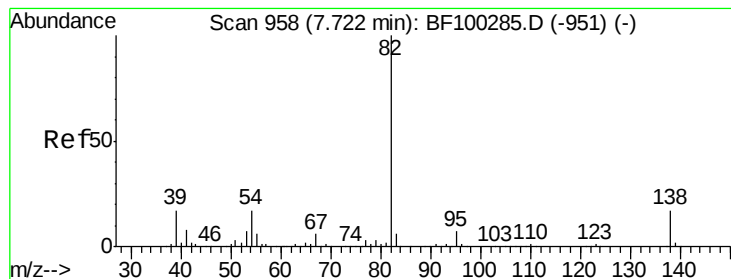
#24
 Nitrobenzene
 Concen: 54.32 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion: 77 Resp: 383991
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 50.21 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

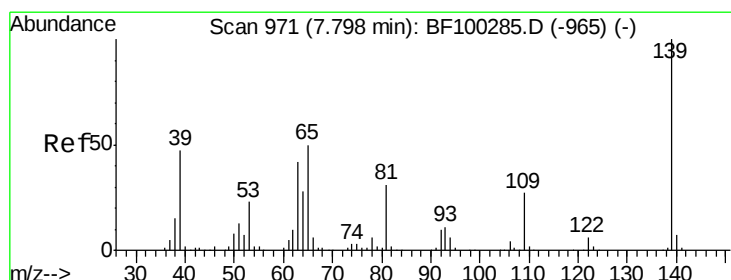
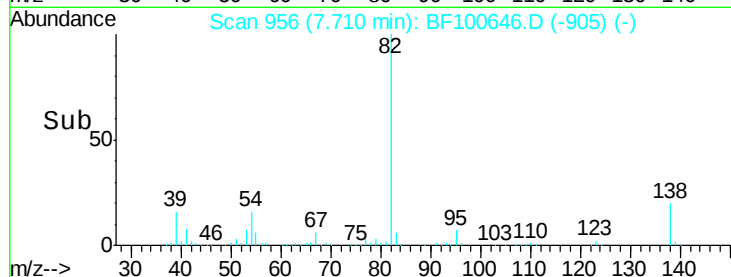
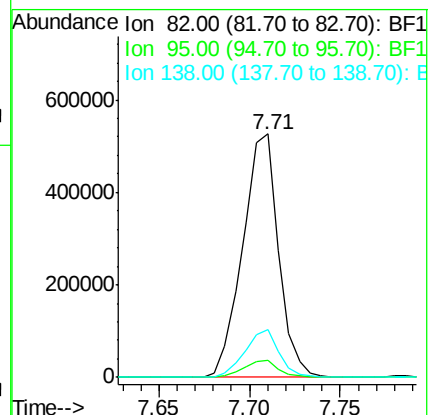
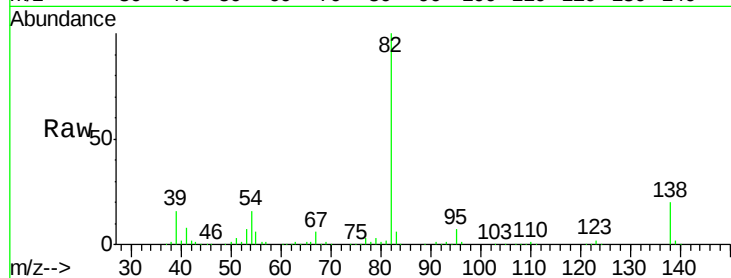
Tgt Ion: 82 Resp: 724675

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 59.05 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

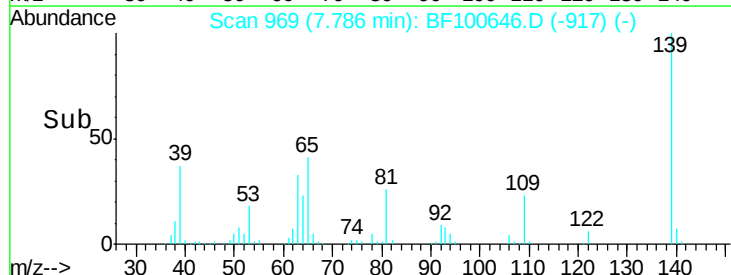
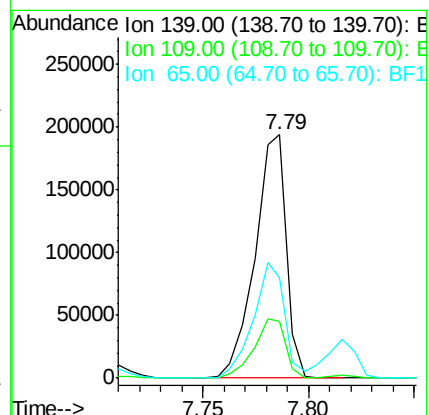
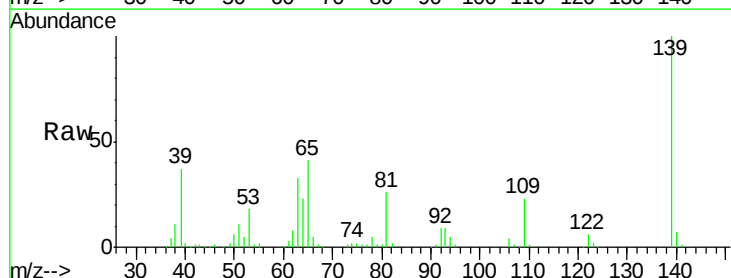
Tgt Ion: 139 Resp: 200359

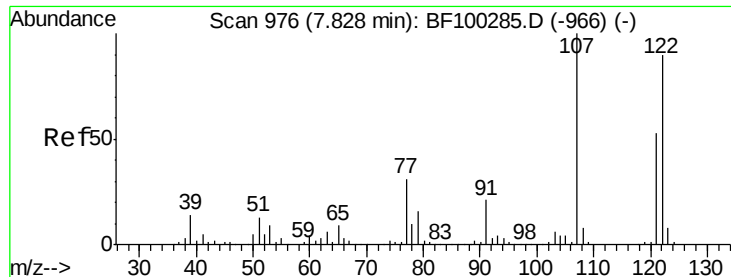
Ion Ratio Lower Upper

139 100

109 23.4 22.7 34.1

65 41.4 40.5 60.7

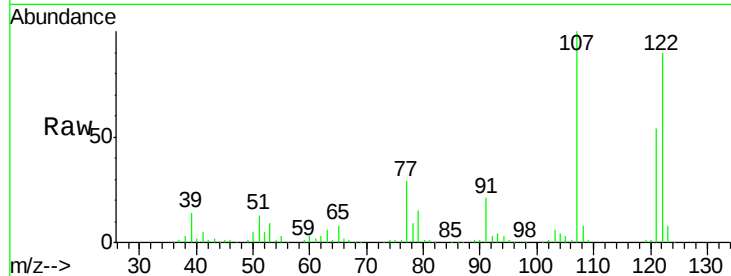




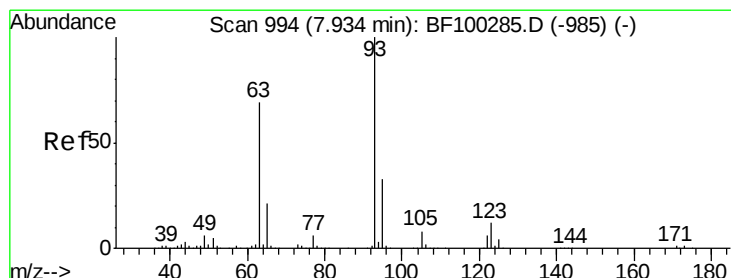
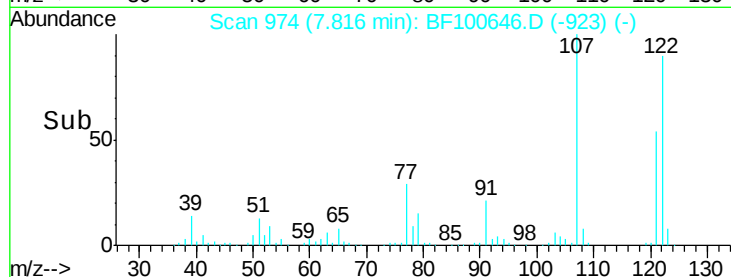
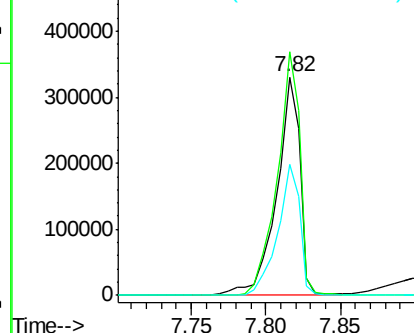
#27
 2,4-Dimethylphenol
 Concen: 55.72 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion:122 Resp: 360524
 Ion Ratio Lower Upper
 122 100
 107 111.6 91.2 136.8
 121 60.3 47.2 70.8

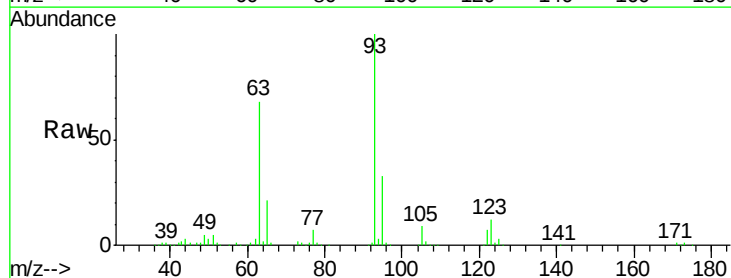


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

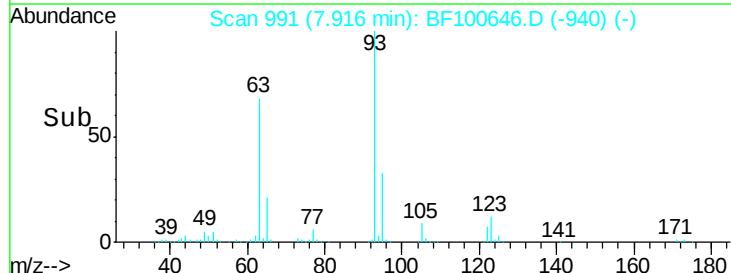
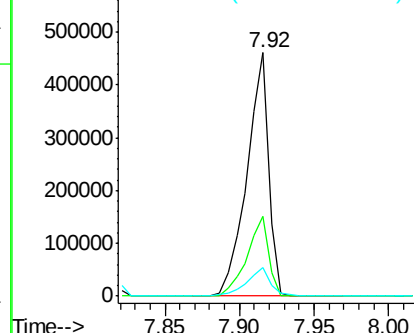


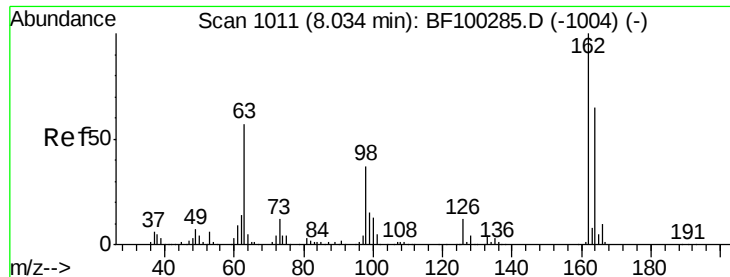
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.22 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion: 93 Resp: 464732
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.7 9.8 14.6



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

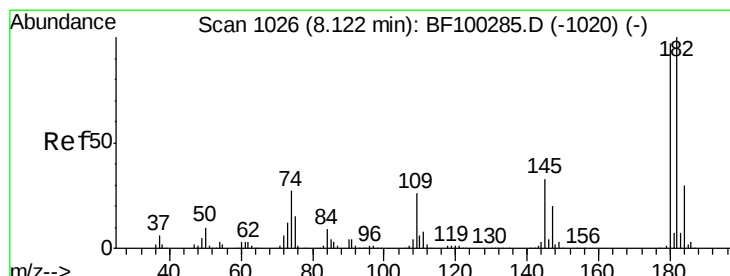
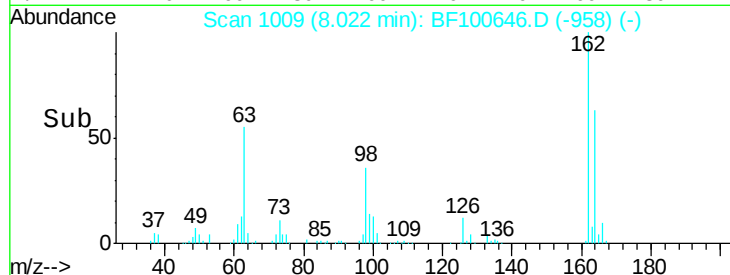
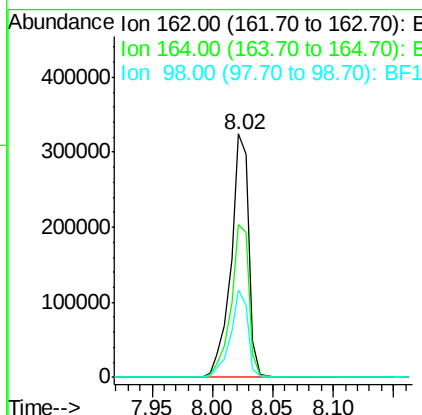
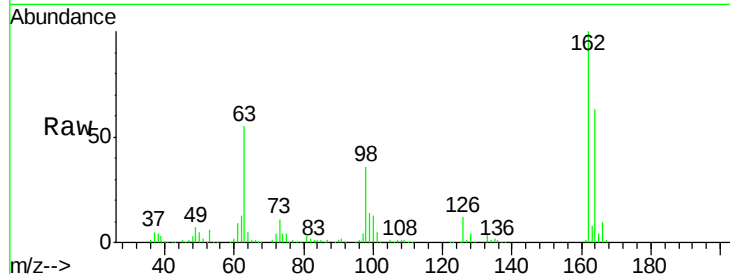




#29
 2,4-Dichlorophenol
 Concen: 54.03 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

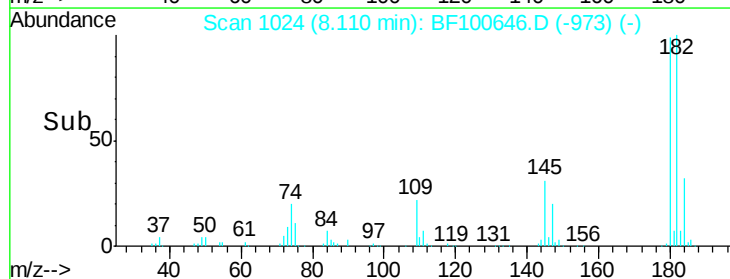
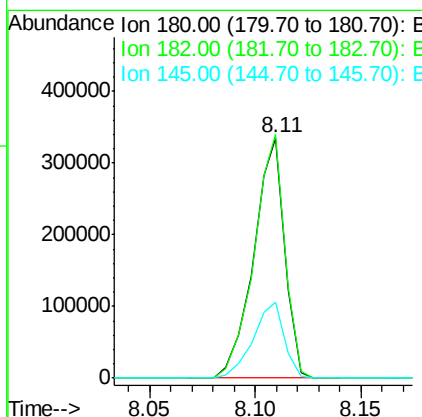
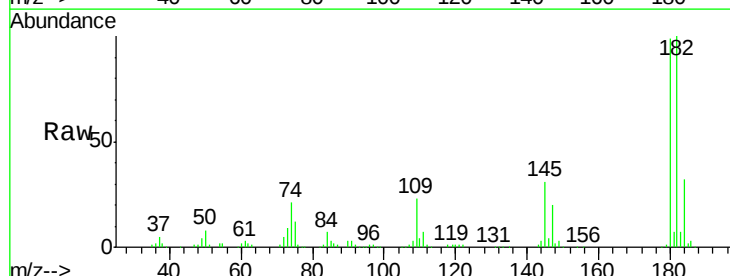
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

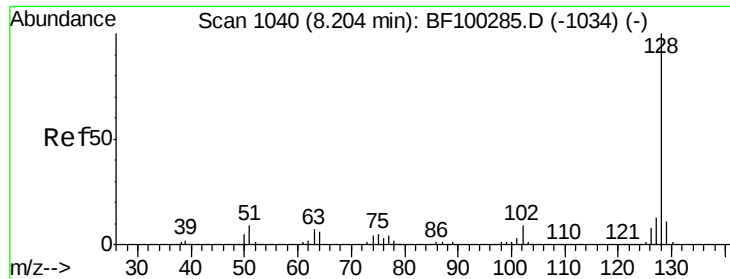
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	36.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.02 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	76.8	115.2
145	31.4	26.5	39.7

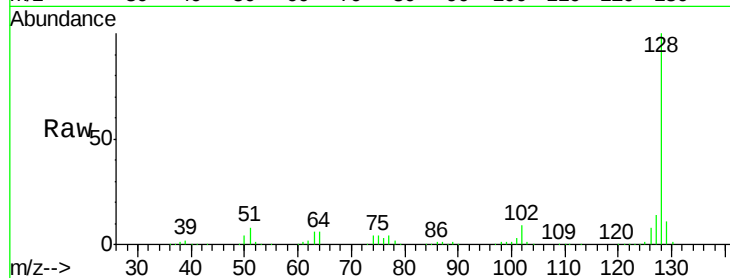




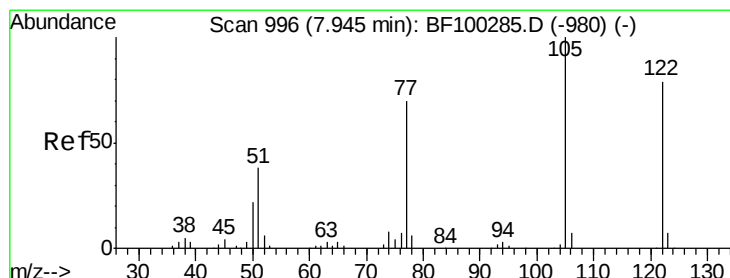
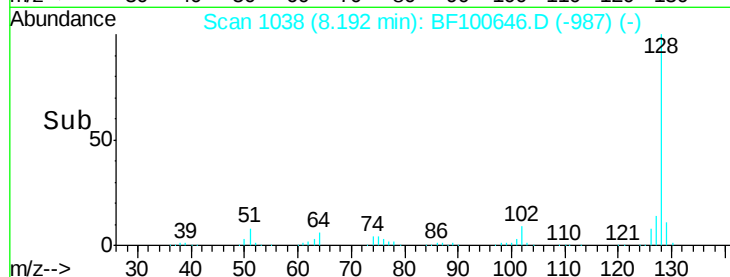
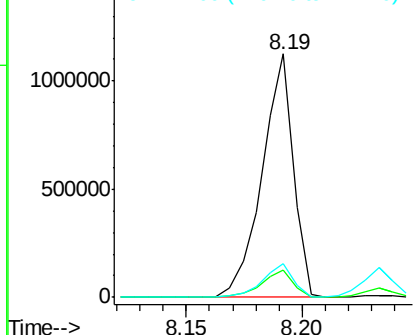
#31
Naphthalene
Concen: 48.50 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Tgt Ion:128 Resp: 1060844
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.0 10.9 16.3

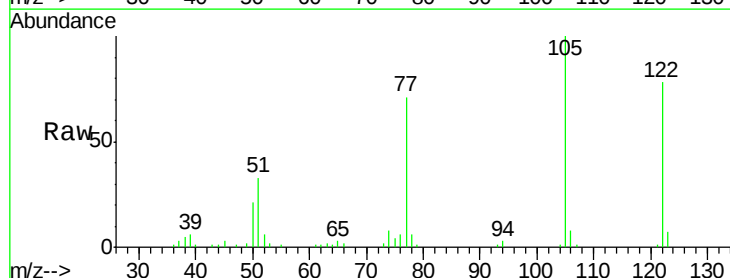


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

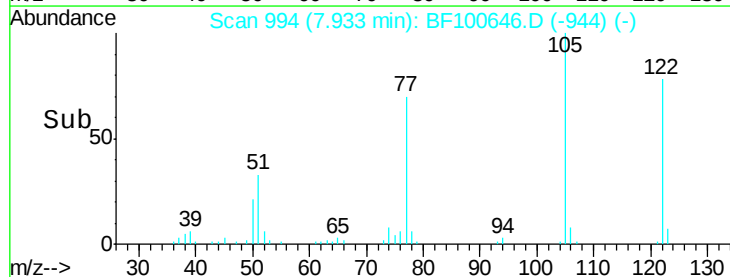
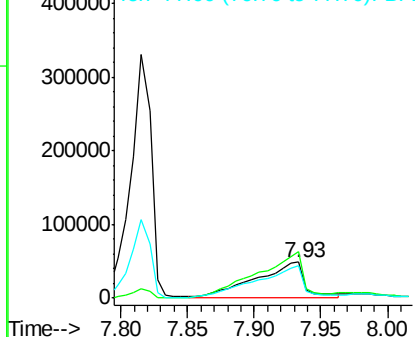


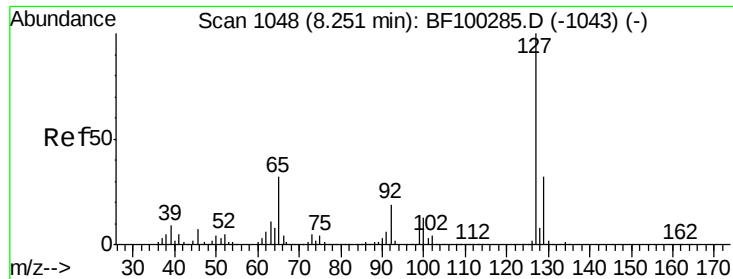
#32
Benzoic acid
Concen: 30.21 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:122 Resp: 128308
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 90.8 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

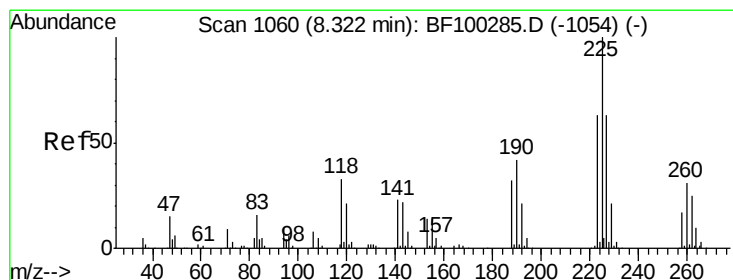
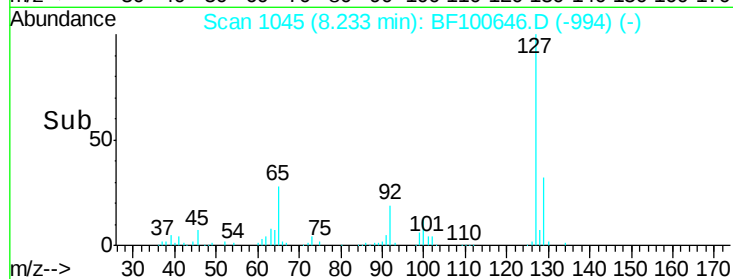
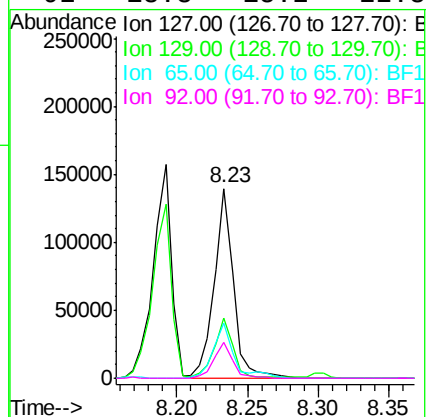
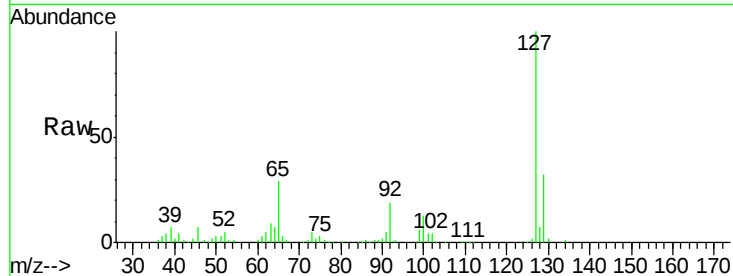




#33
4-Chloroaniline
Concen: 14.64 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

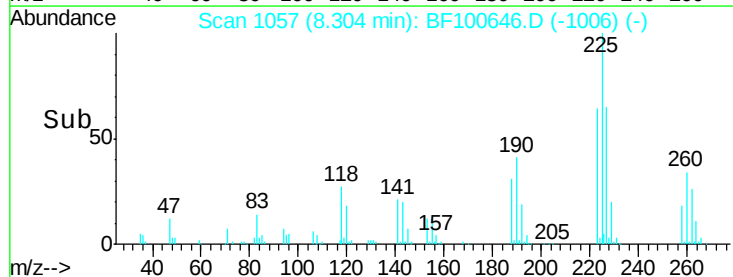
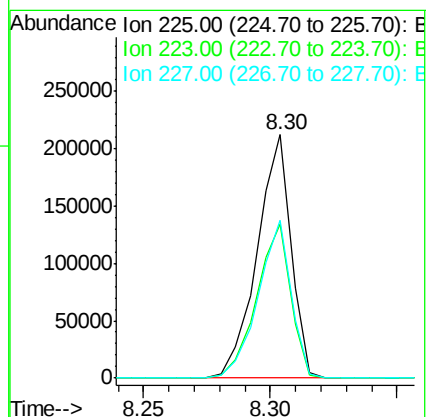
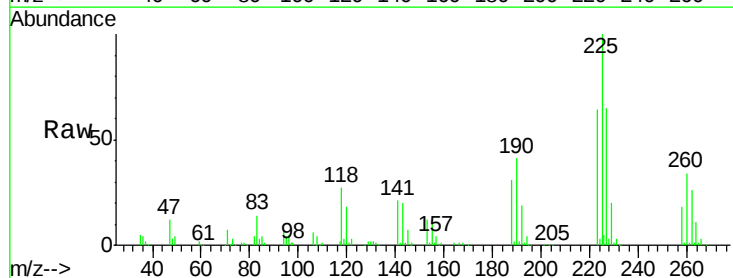
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

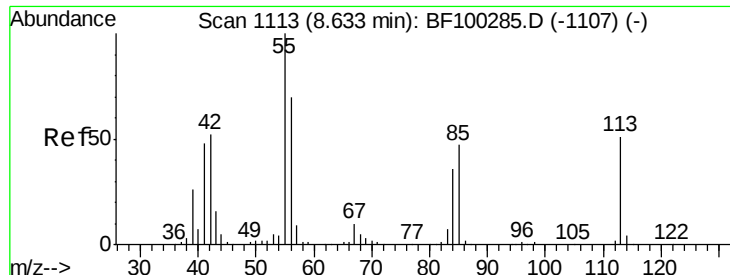
Tgt Ion:	127	Resp:	133270
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.1	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 49.97 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:	225	Resp:	198502
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	65.0	51.9	77.9

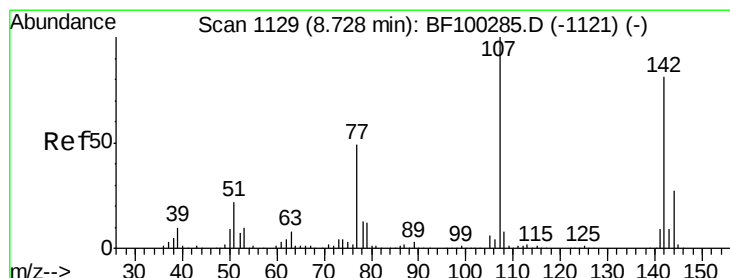
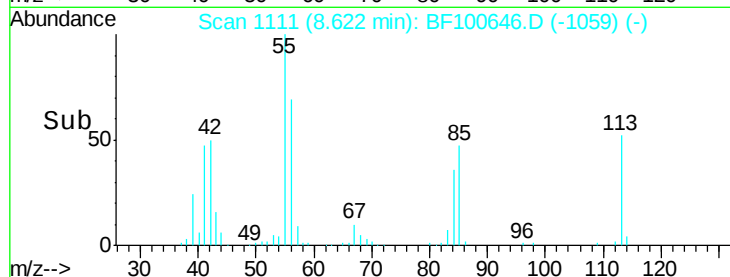
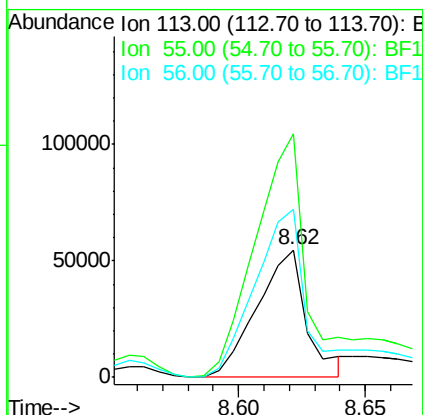
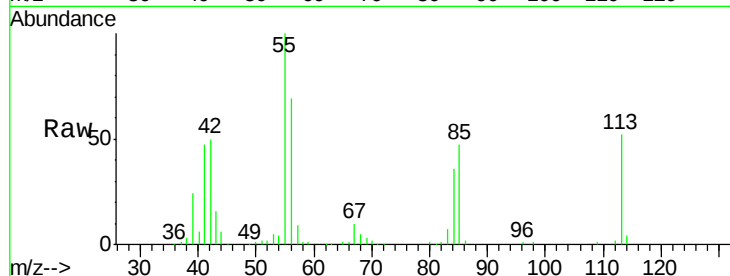




#35
 Caprolactam
 Concen: 35.38 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

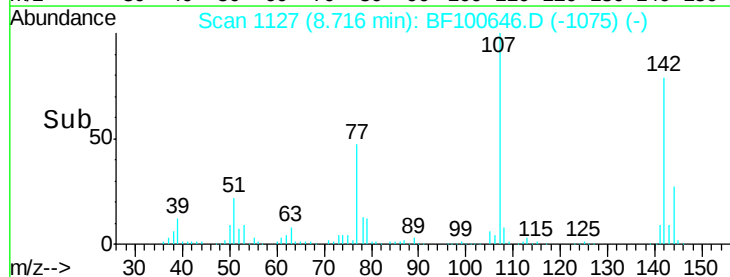
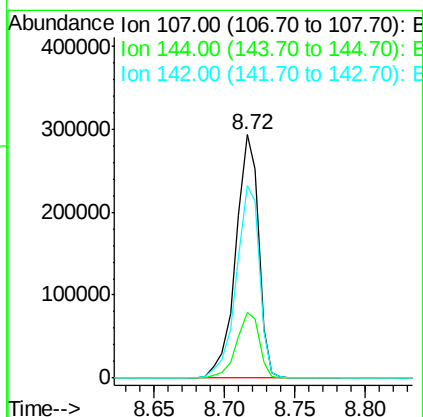
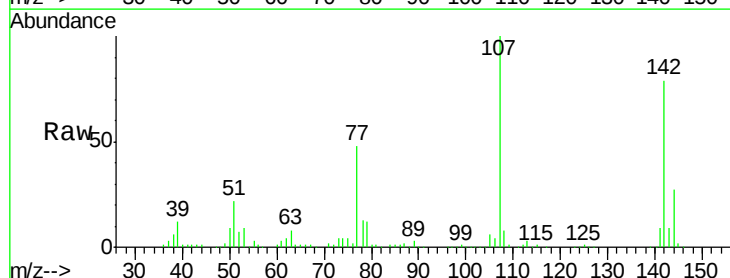
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

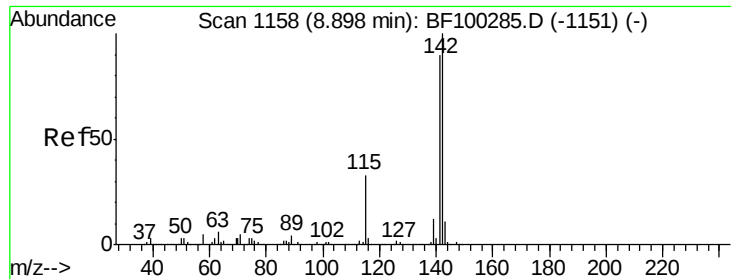
Tgt Ion:113 Resp: 74991
 Ion Ratio Lower Upper
 113 100
 55 191.1 163.3 203.3
 56 131.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.76 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:107 Resp: 330086
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 79.1 62.0 93.0

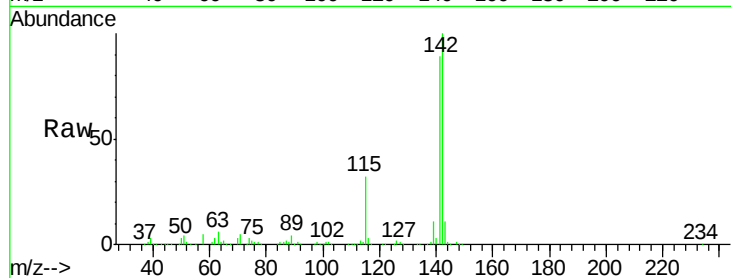




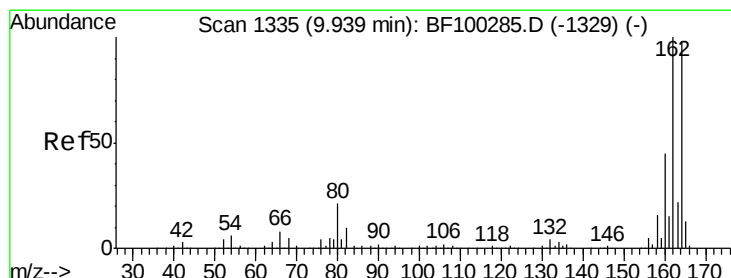
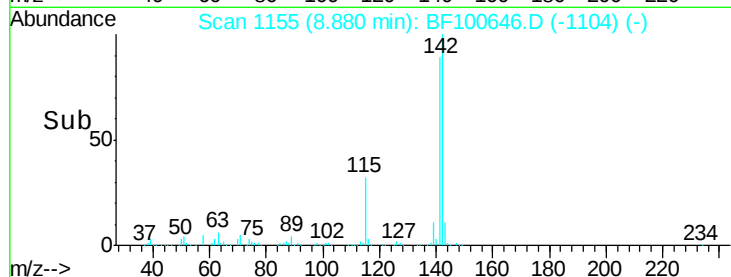
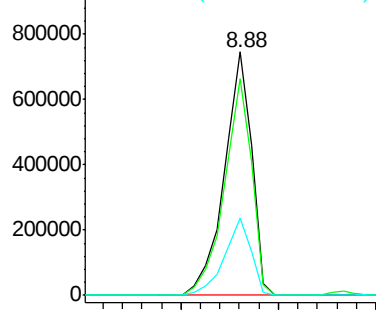
#37
2-Methylnaphthalene
Concen: 49.87 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	31.6	26.1	39.1

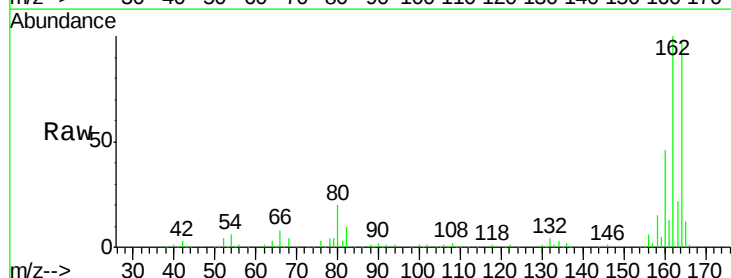


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

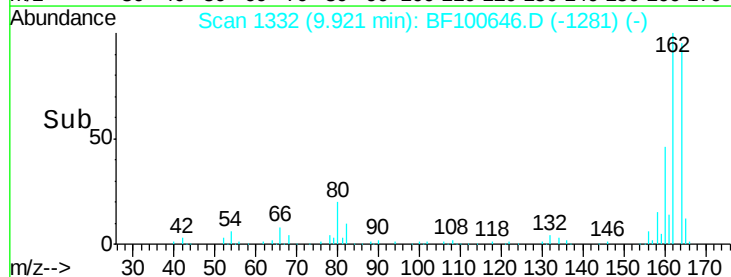
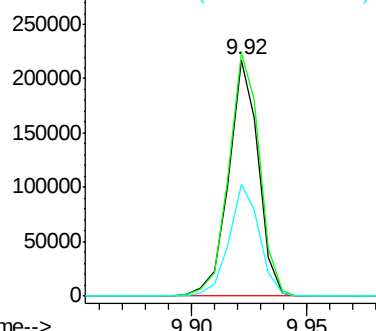


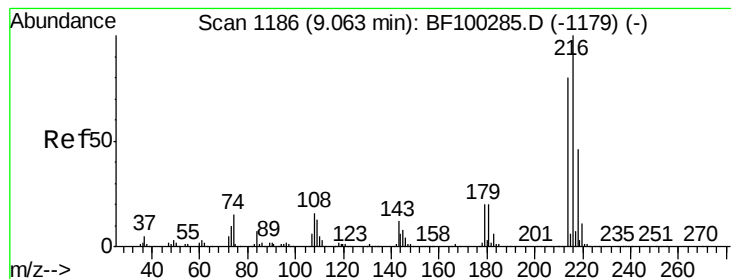
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.1	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.38 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

Tgt Ion:216 Resp: 337931

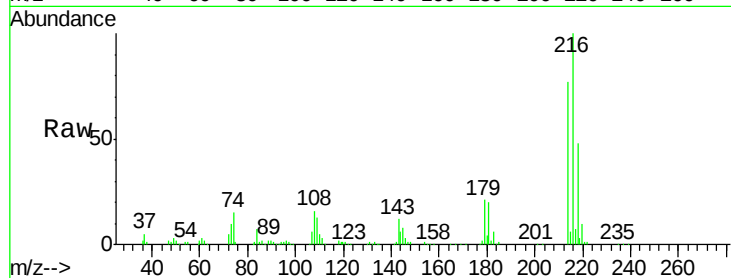
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 20.3 18.1 27.1

108 16.5 17.2 25.8#

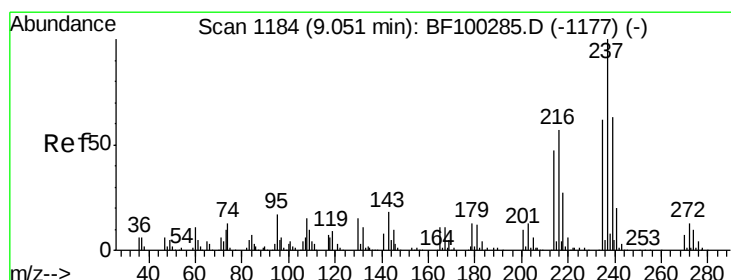
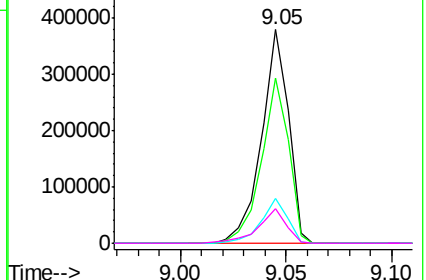
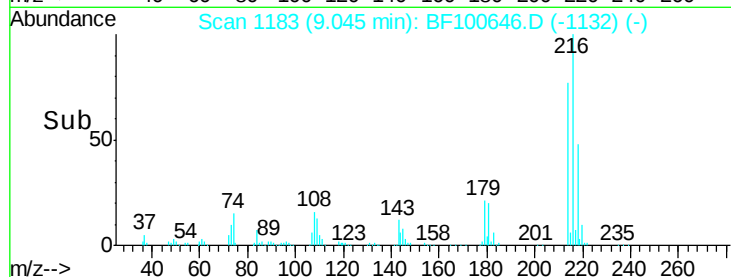


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.32 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

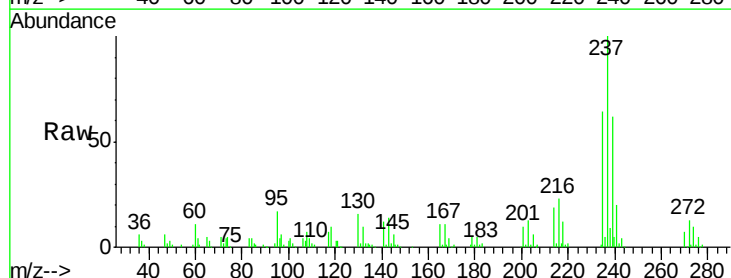
Tgt Ion:237 Resp: 119392

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

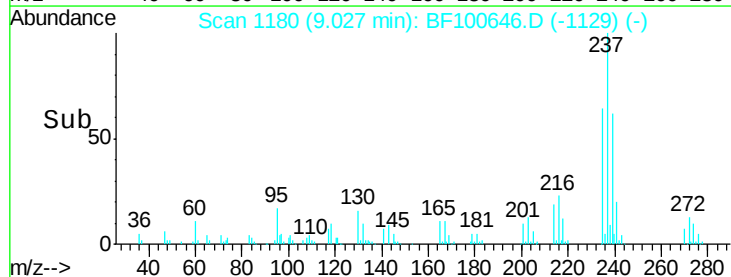
272 13.2 0.0 33.3



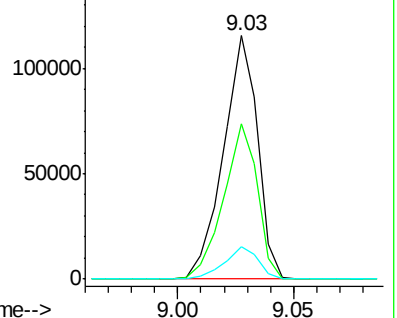
Abundance Ion 236.80 (236.50 to 237.50): E

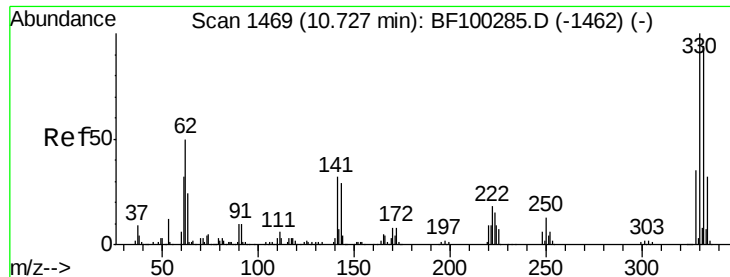
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

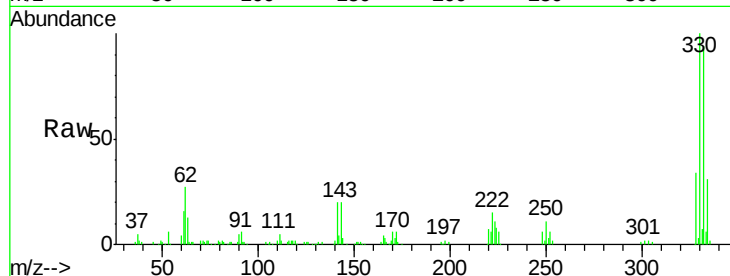




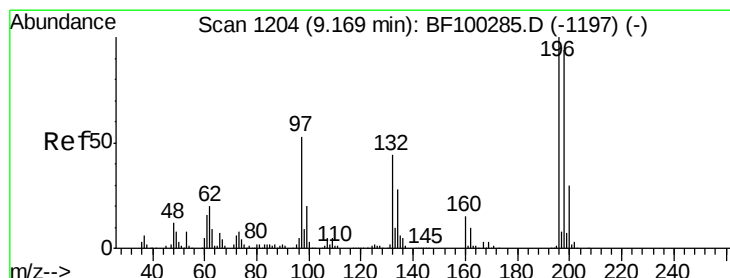
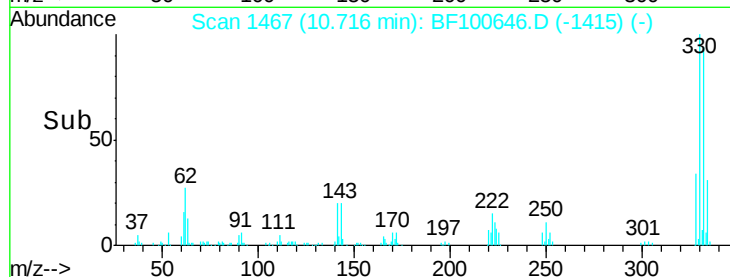
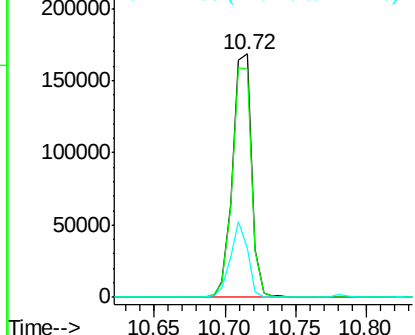
#41
 2,4,6-Tribromophenol
 Concen: 79.97 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion:330 Resp: 158508
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 28.0 29.9 44.9#

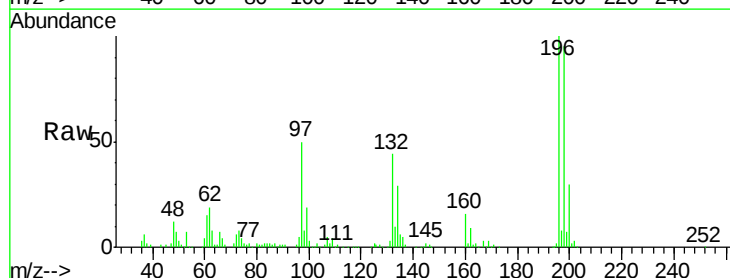


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

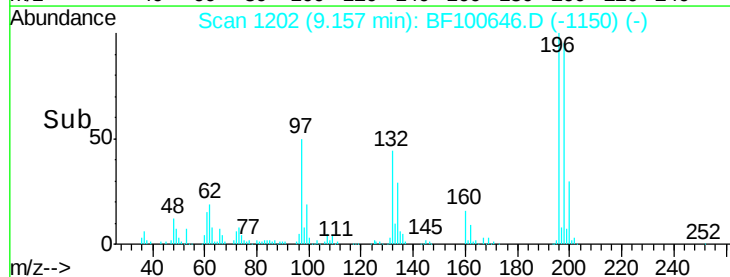
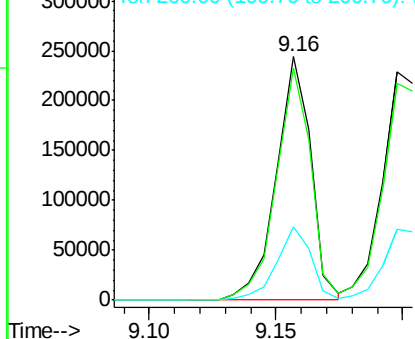


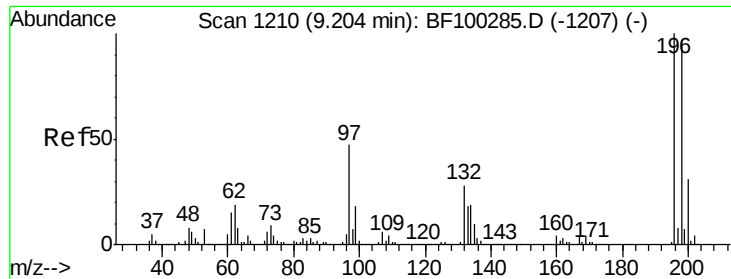
#42
 2,4,6-Trichlorophenol
 Concen: 56.34 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:196 Resp: 230360
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 29.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

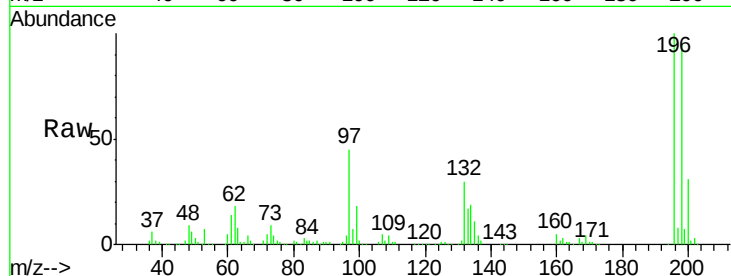




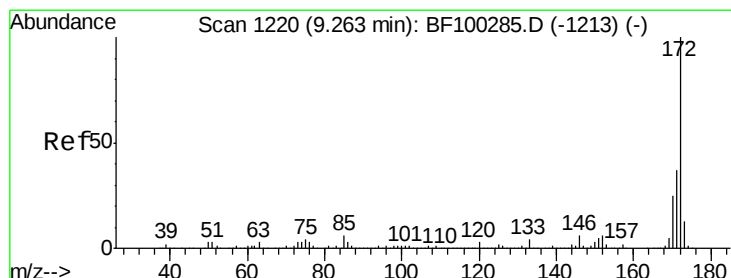
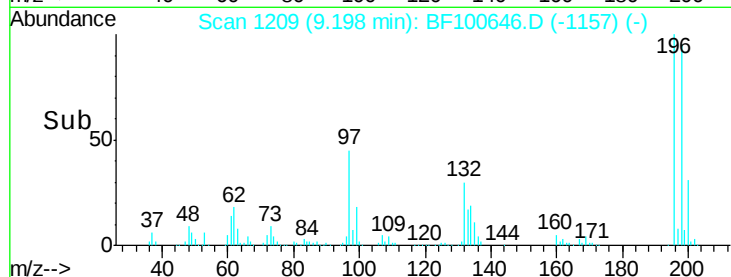
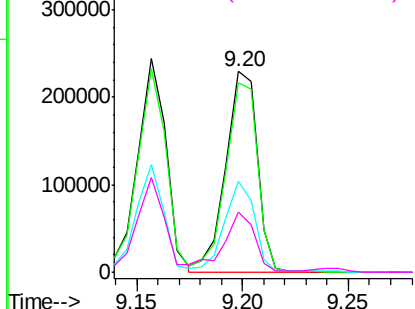
#43
 2,4,5-Trichlorophenol
 Concen: 55.94 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	45.3	42.9	64.3
132	29.8	26.3	39.5

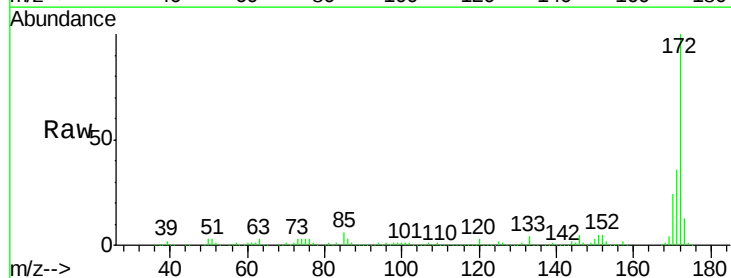


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

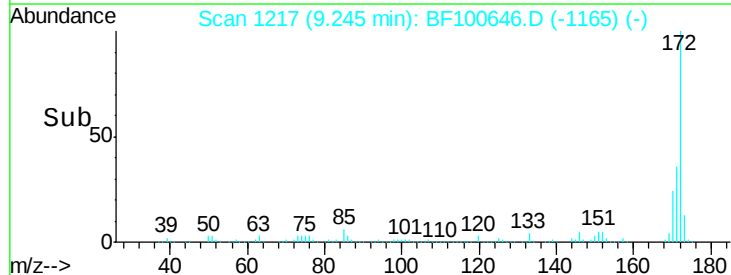
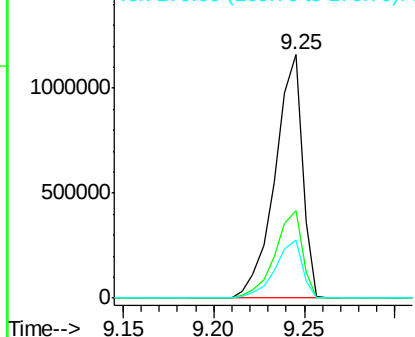


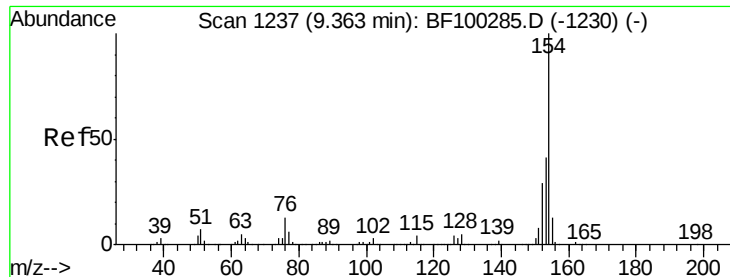
#44
 2-Fluorobiphenyl
 Concen: 95.63 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

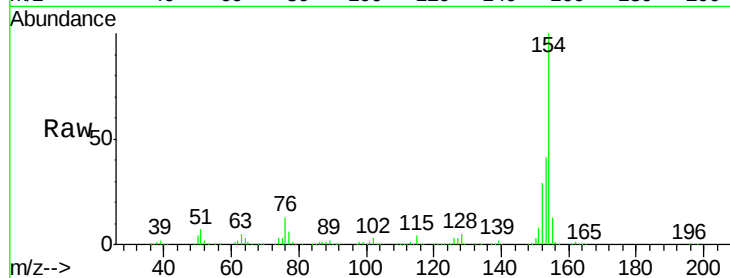




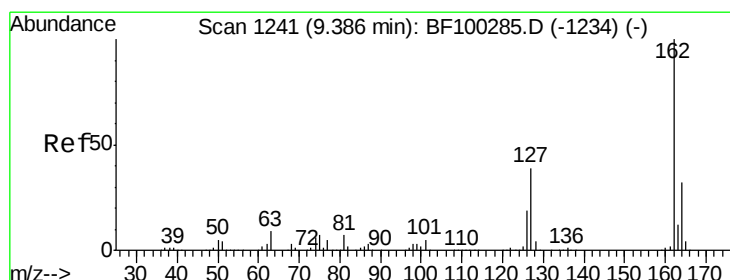
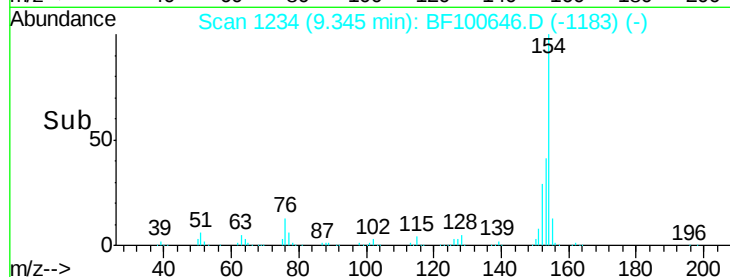
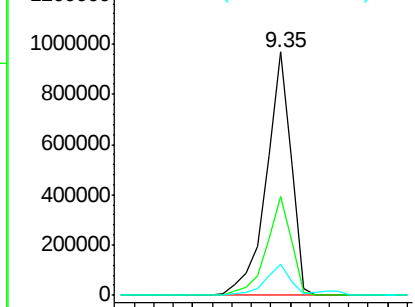
#45
 1,1'-Biphenyl
 Concen: 50.35 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.7	0.0	34.0

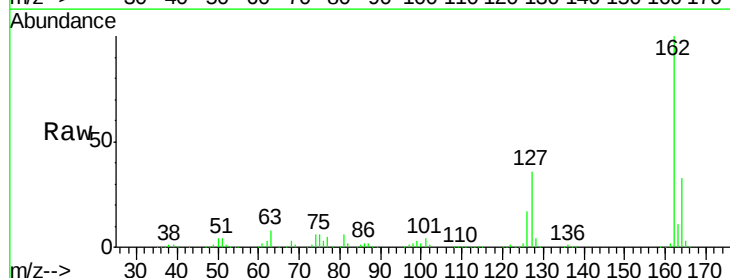


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

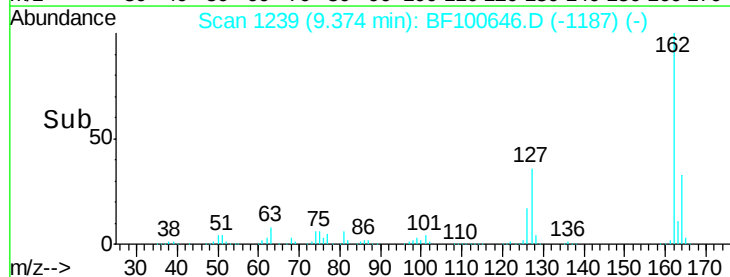
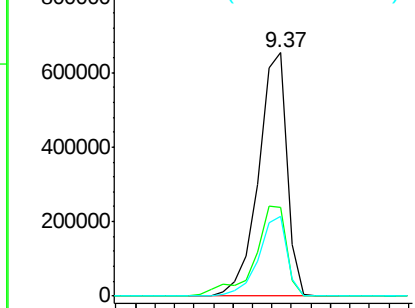


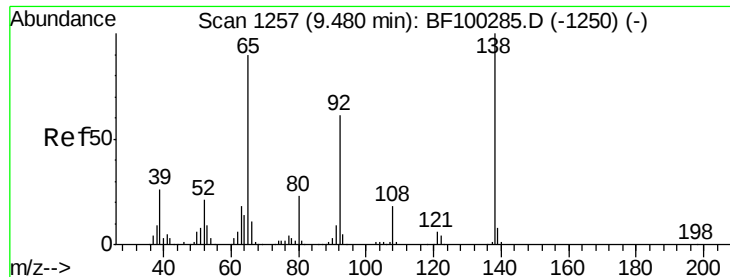
#46
 2-Chloronaphthalene
 Concen: 54.15 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	33.9	50.9
164	32.9	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

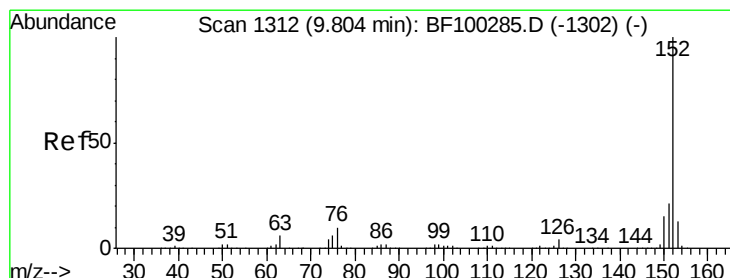
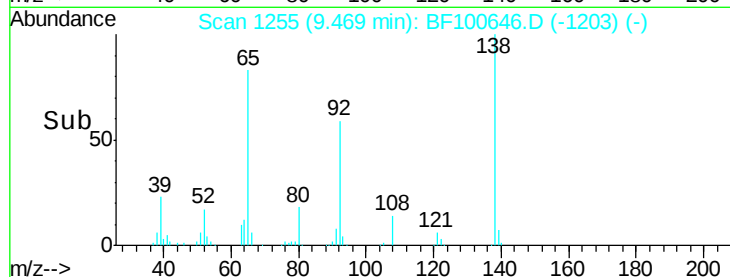
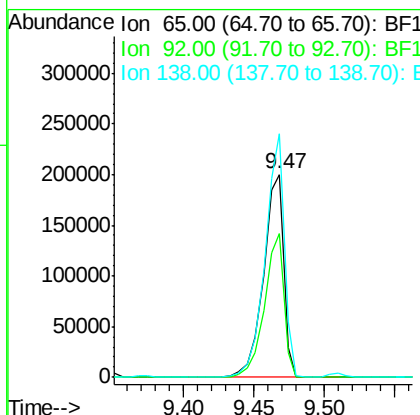
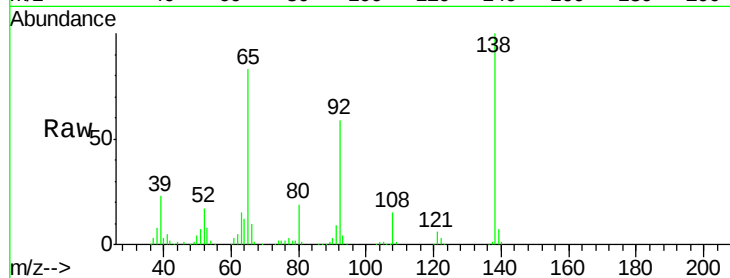




#47
 2-Nitroaniline
 Concen: 56.21 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

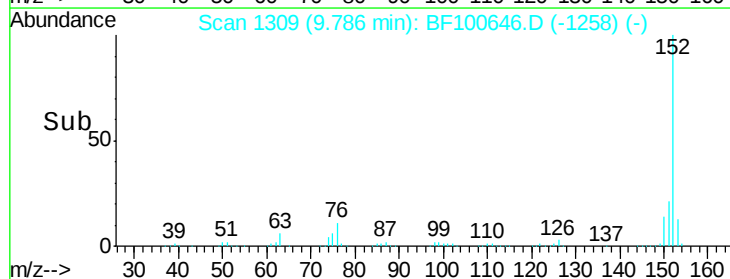
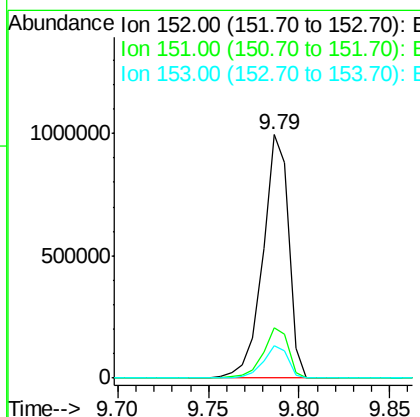
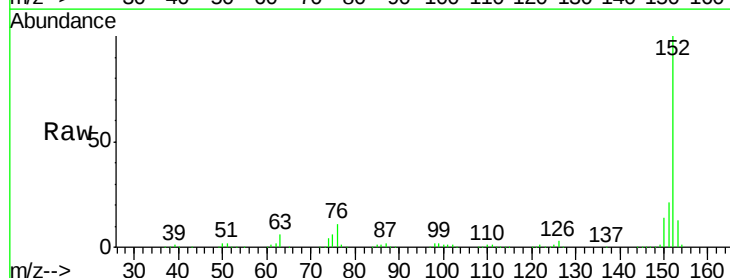
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

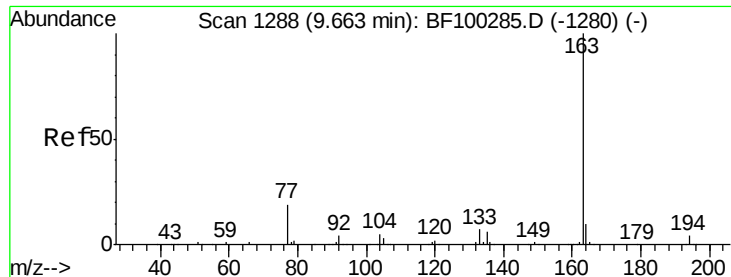
Tgt Ion: 65 Resp: 204527
 Ion Ratio Lower Upper
 65 100
 92 70.8 55.8 83.6
 138 119.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 48.47 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion: 152 Resp: 980403
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.5 10.7 16.1

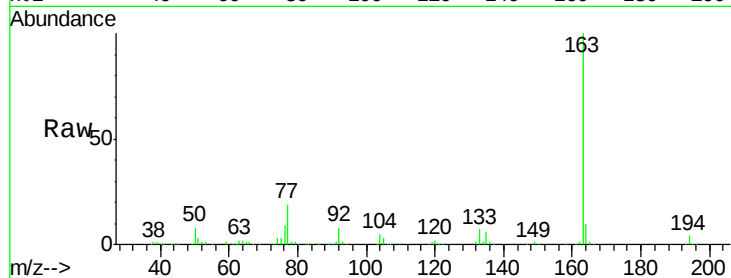




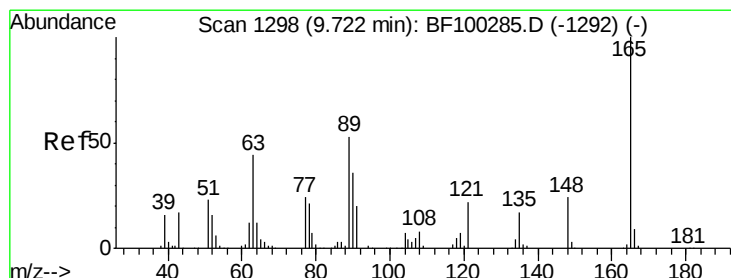
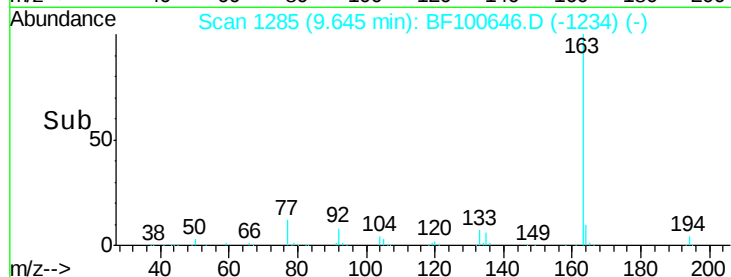
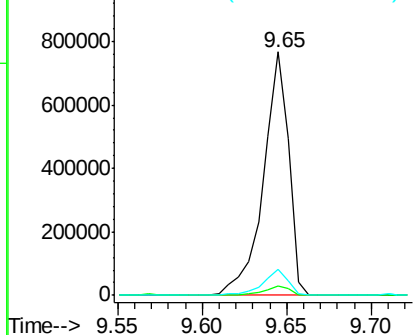
#49
Dimethylphthalate
Concen: 53.18 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Tgt Ion:163 Resp: 789843
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

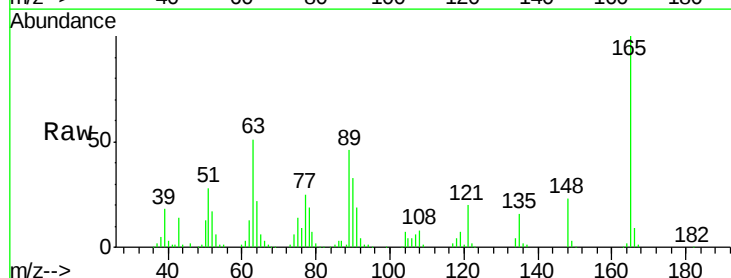


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

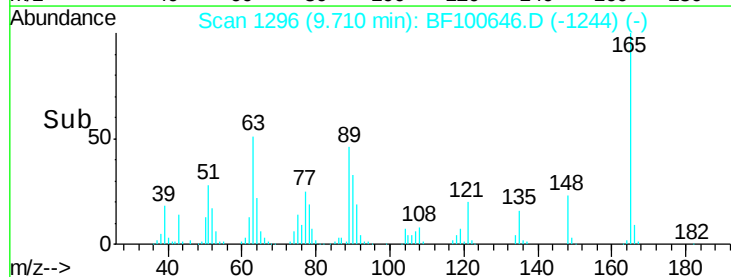
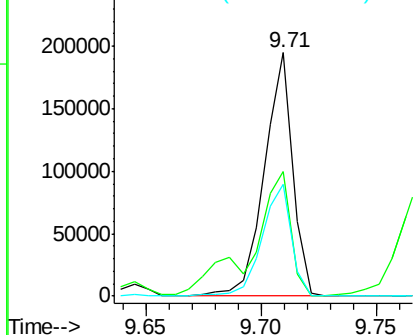


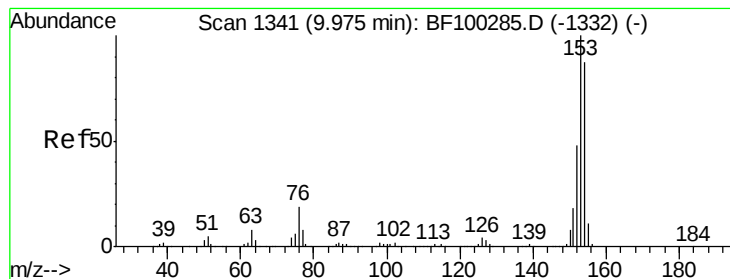
#50
2,6-Dinitrotoluene
Concen: 56.43 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:165 Resp: 165902
Ion Ratio Lower Upper
165 100
63 51.1 44.7 67.1
89 46.2 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: 47.32 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

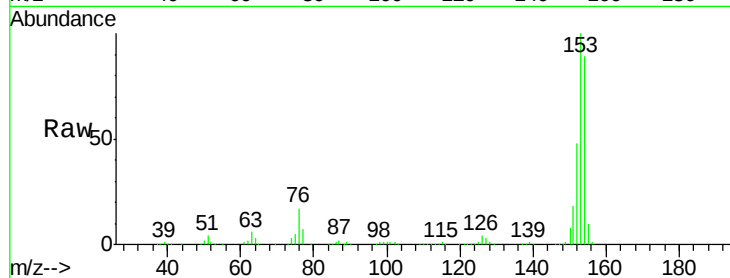
Tgt Ion:154 Resp: 582154

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

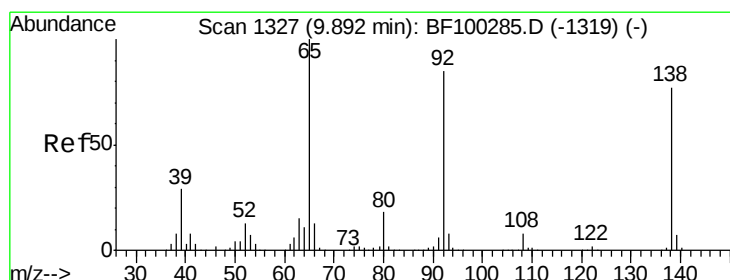
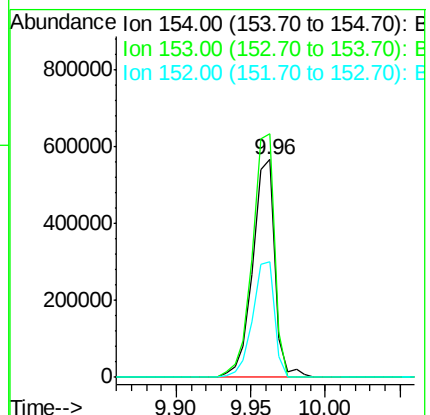
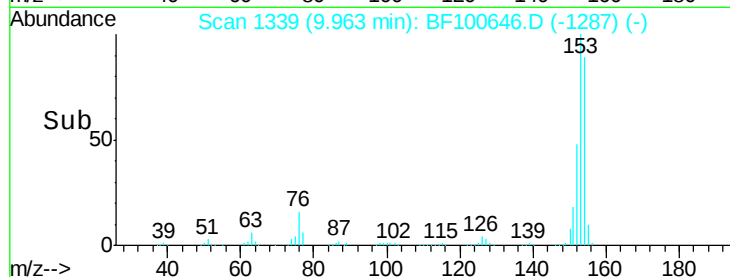
152 53.2 43.8 65.8



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: 30.75 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

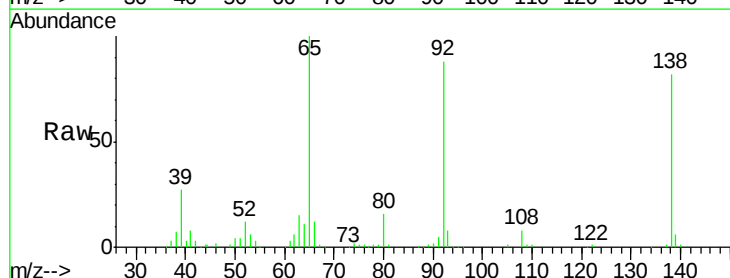
Tgt Ion:138 Resp: 106735

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

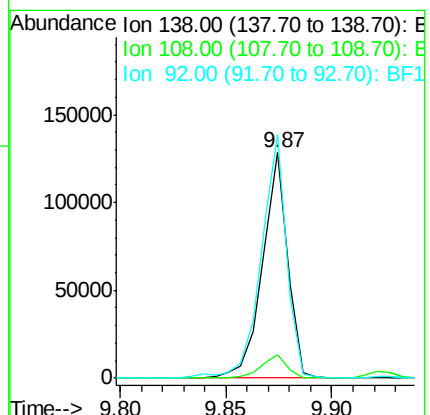
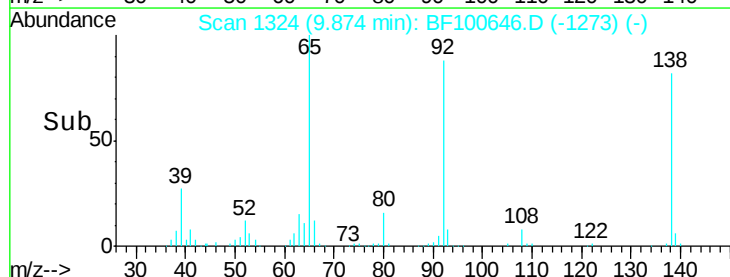
92 108.1 89.4 134.2

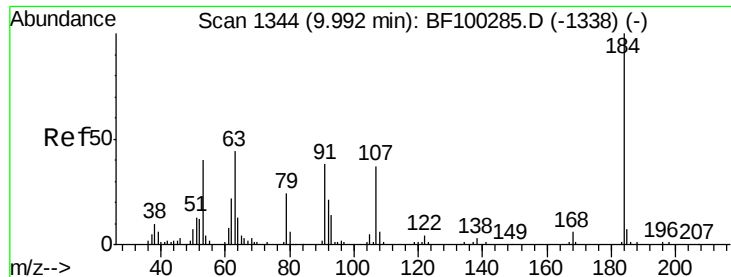


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

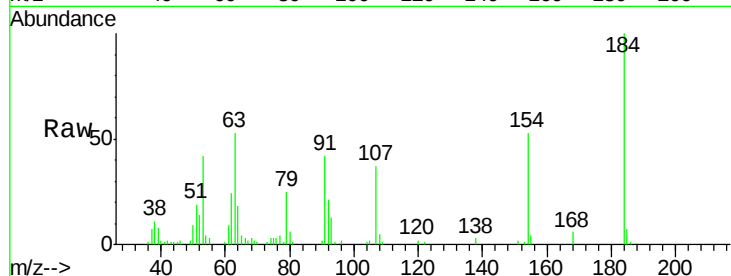




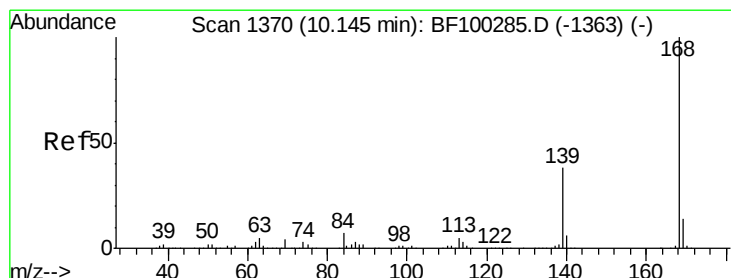
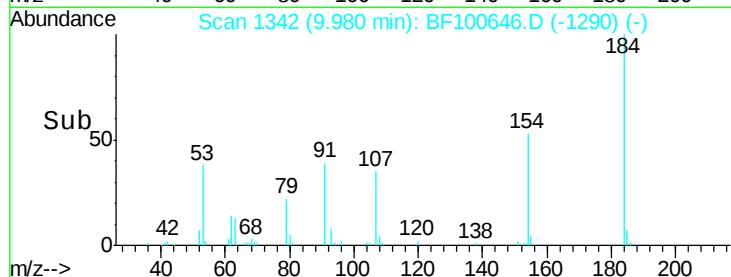
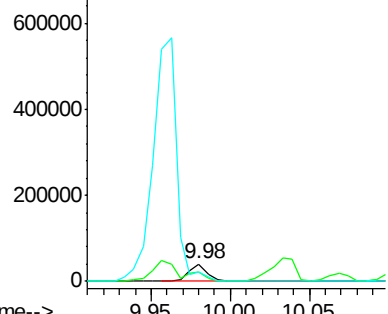
#53
2,4-Dinitrophenol
Concen: 36.63 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
PB104306BSD

Tgt Ion:184 Resp: 32388
Ion Ratio Lower Upper
184 100
63 53.4 54.2 81.2#
154 52.8 184.0 276.0#

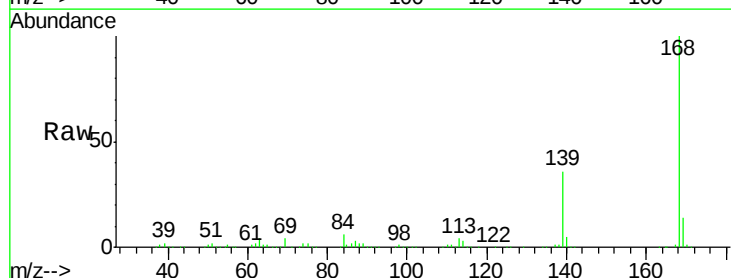


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

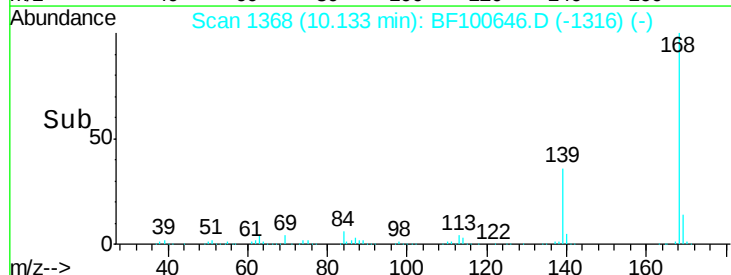
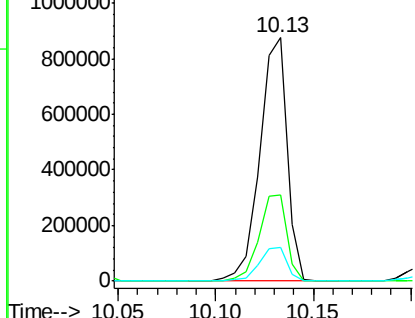


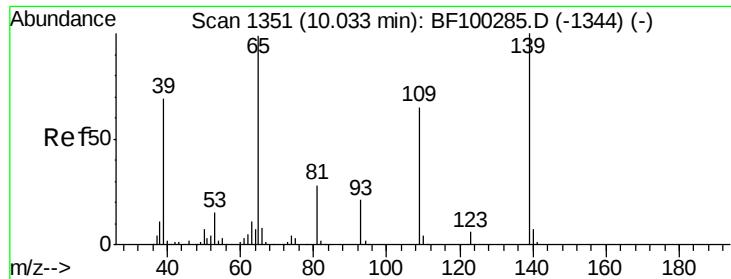
#54
Dibenzofuran
Concen: 49.18 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:168 Resp: 847887
Ion Ratio Lower Upper
168 100
139 35.6 30.1 45.1
169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 87.45 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

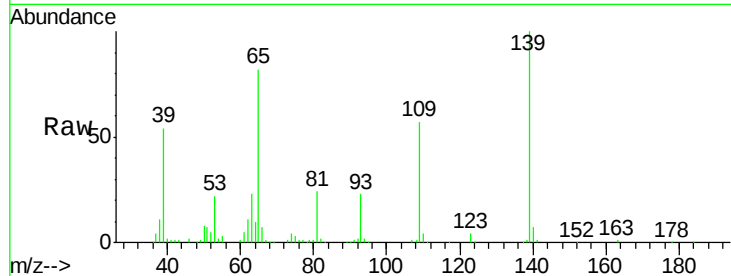
Tgt Ion:139 Resp: 246496

Ion Ratio Lower Upper

139 100

109 56.9 48.4 88.4

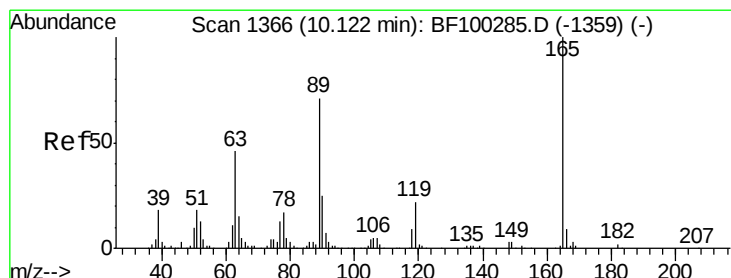
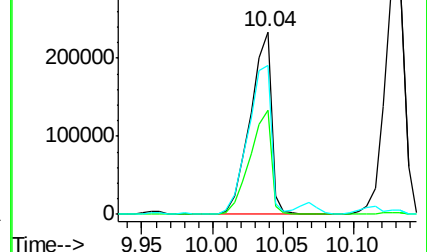
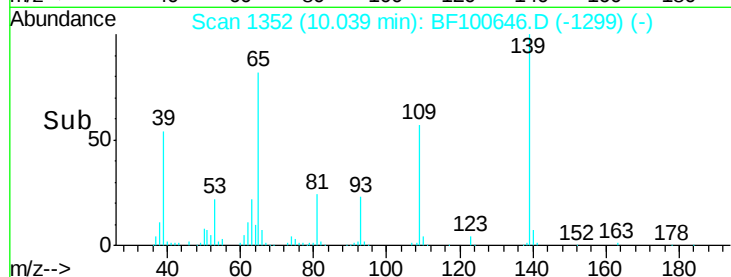
65 81.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 56.84 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Tgt Ion:165 Resp: 210794

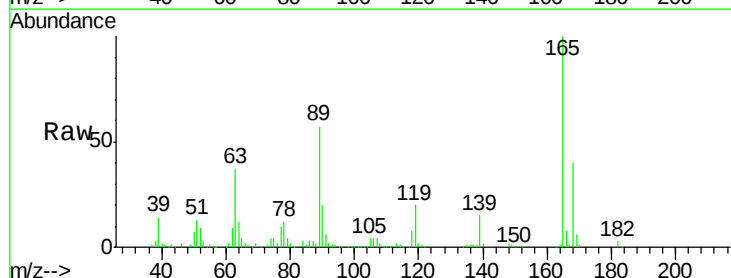
Ion Ratio Lower Upper

165 100

63 36.8 36.4 54.6

89 57.2 57.8 86.6#

182 2.8 1.6 2.4#

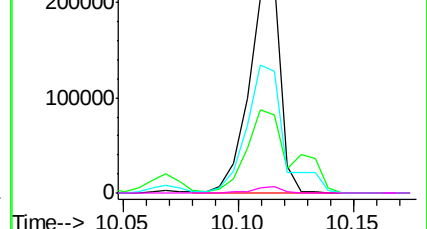
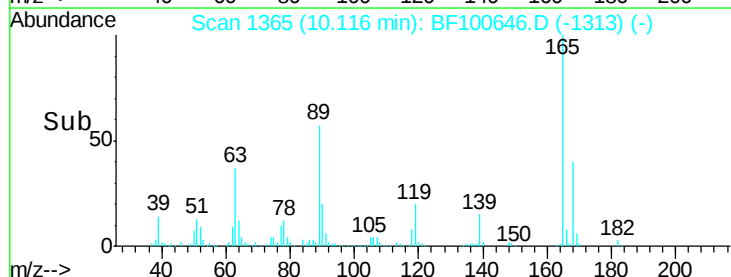


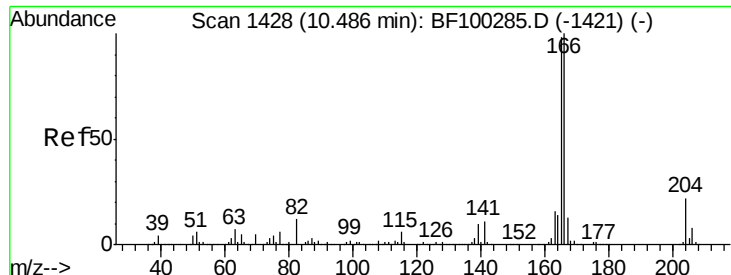
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

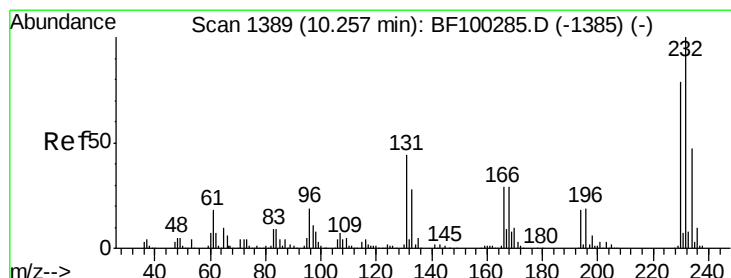
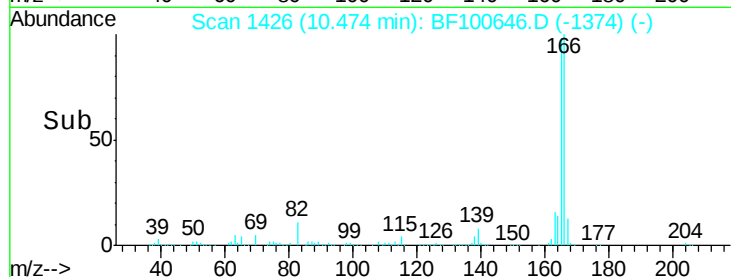
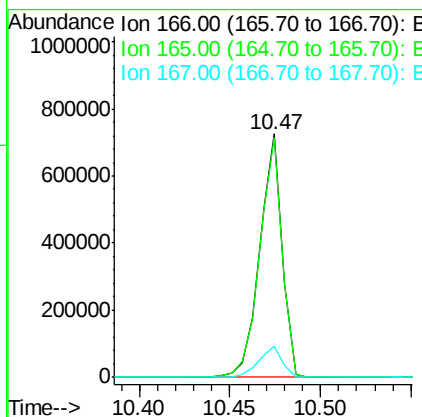
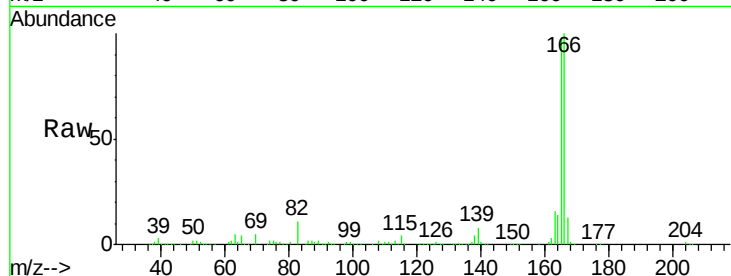




#57
 Fluorene
 Concen: 49.18 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

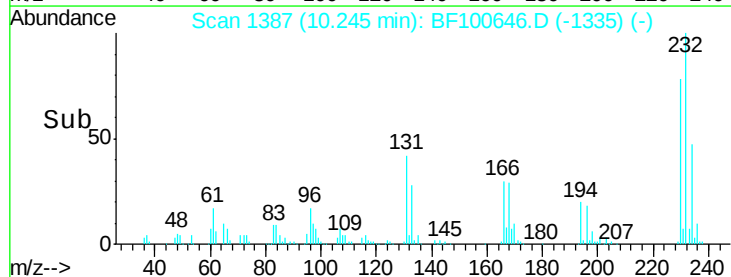
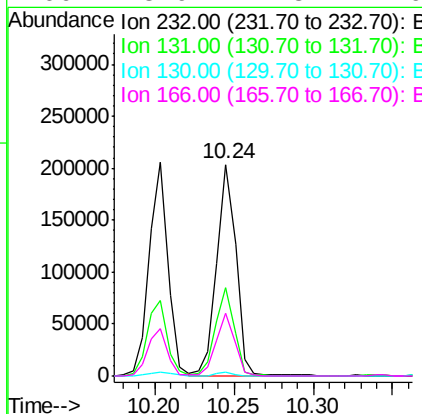
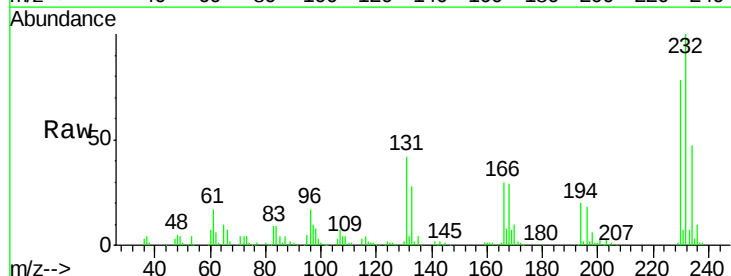
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

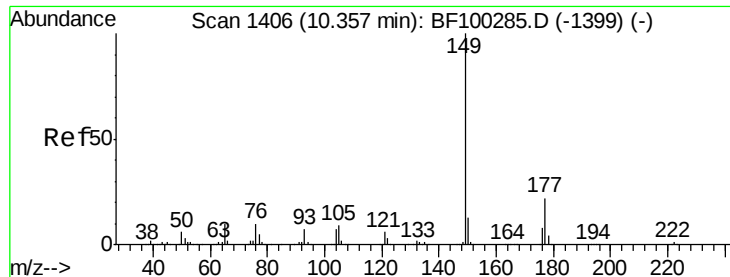
Tgt Ion:166 Resp: 621220
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.76 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:232 Resp: 172762
 Ion Ratio Lower Upper
 232 100
 131 41.1 43.8 65.8#
 130 1.8 2.1 3.1#
 166 28.9 27.8 41.6

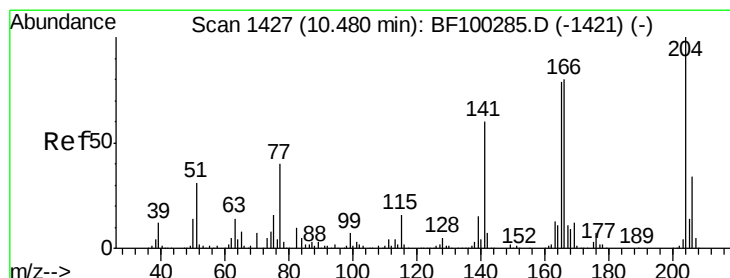
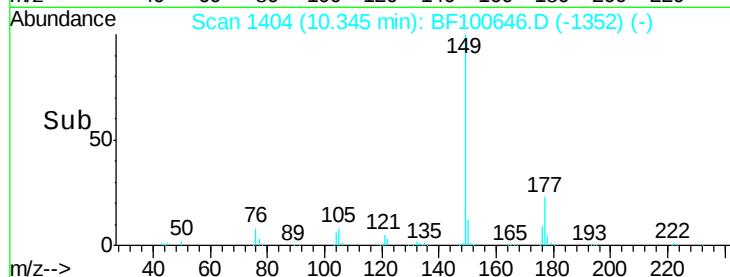
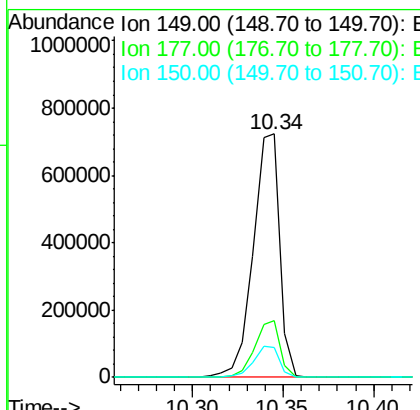
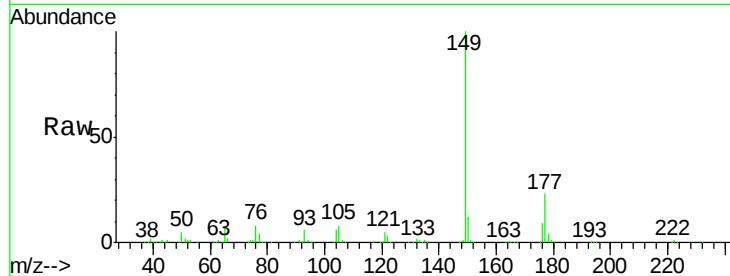




#59
Diethylphthalate
Concen: 49.38 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

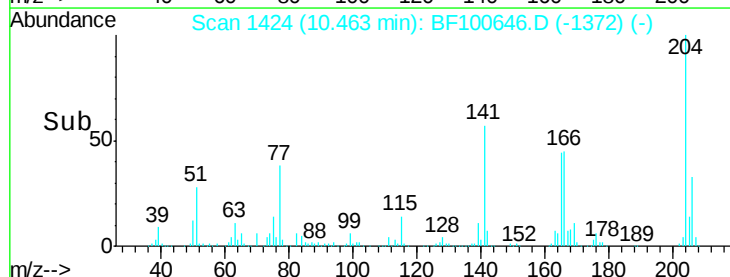
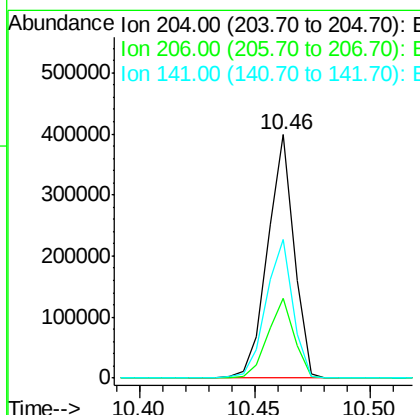
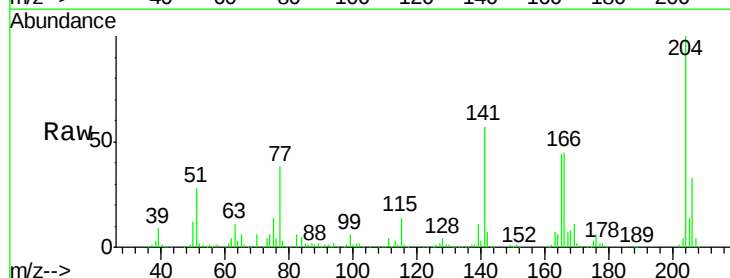
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

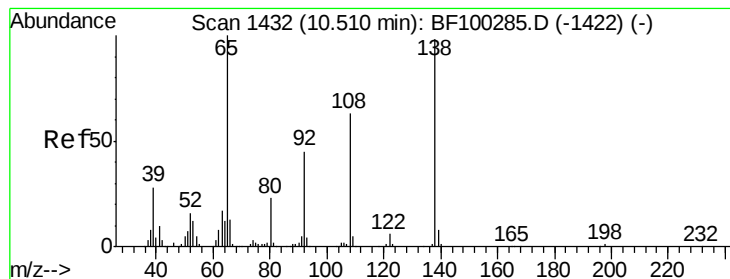
Tgt Ion:149 Resp: 733926
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 51.13 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:204 Resp: 316818
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 57.2 54.6 81.8





#61

4-Nitroaniline

Concen: 45.27 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

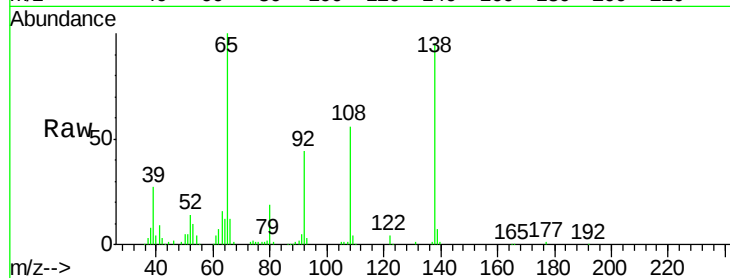
Tgt Ion: 138 Resp: 149015

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

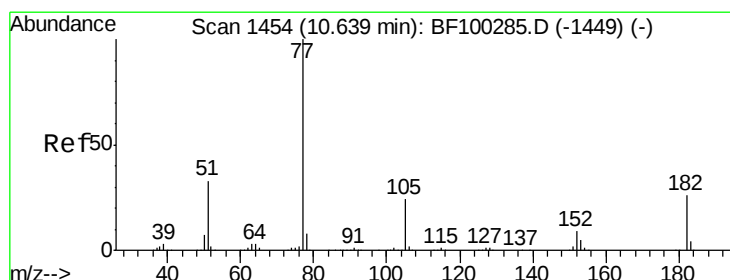
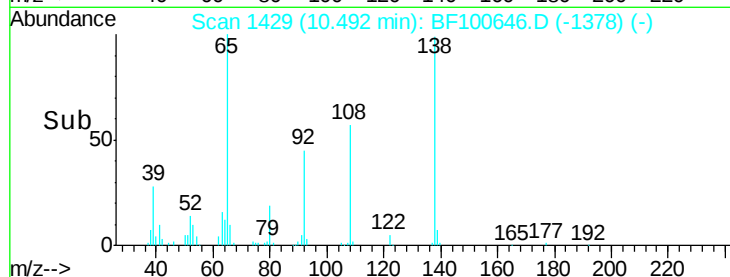
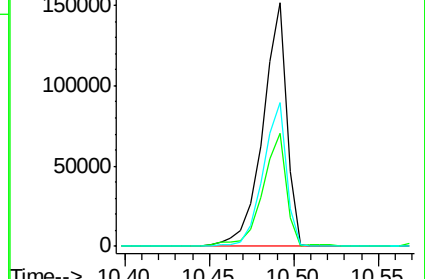
108 58.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.22 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Tgt Ion: 77 Resp: 633075

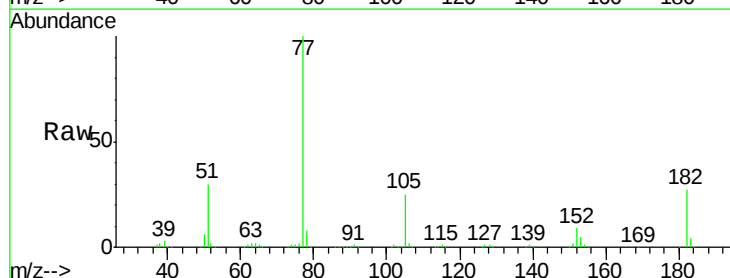
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.6 3.0 43.0

51 30.2 9.9 49.9

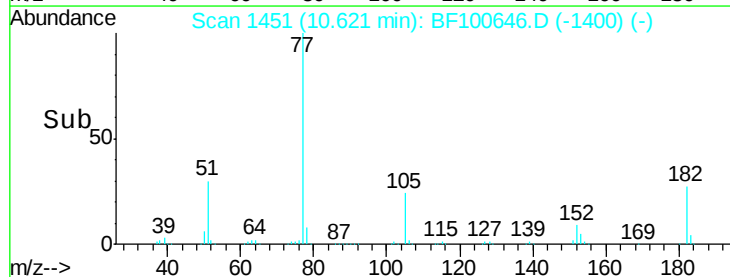
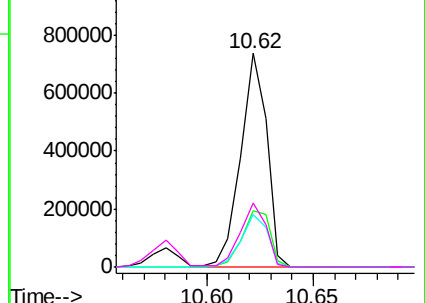


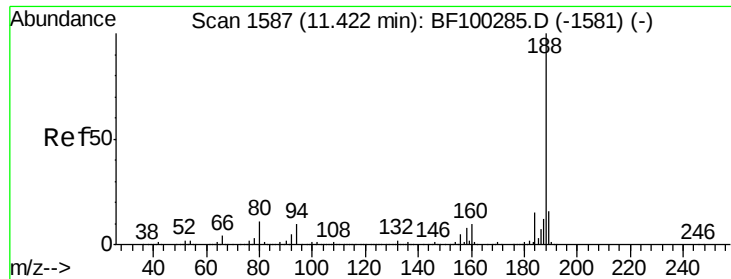
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

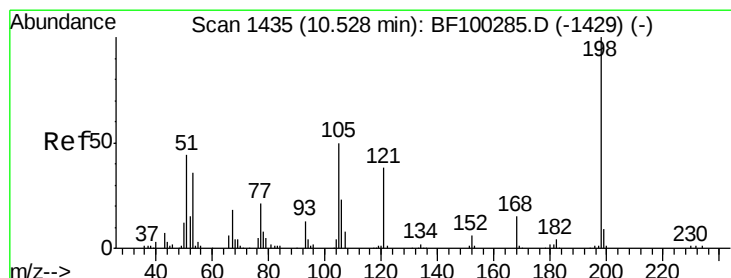
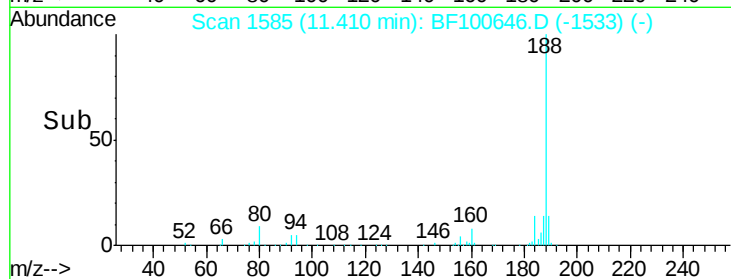
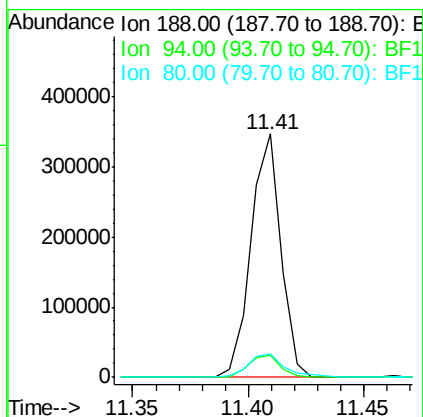
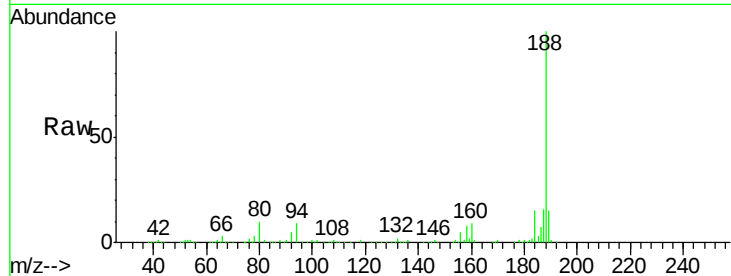




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

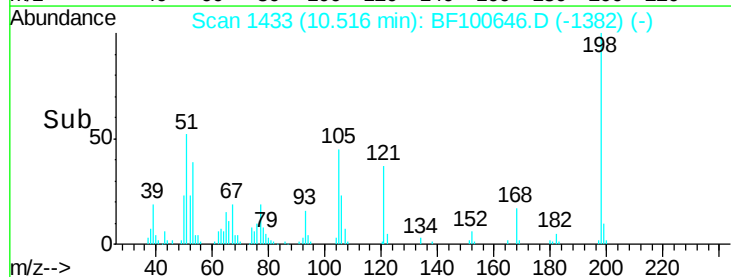
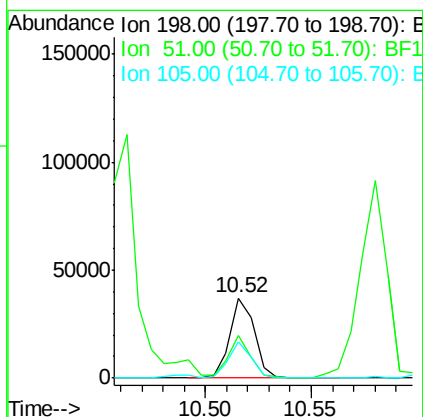
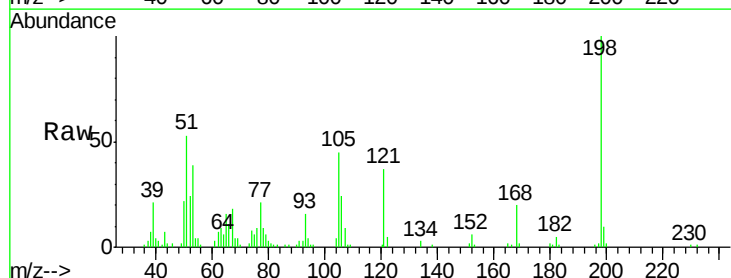
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

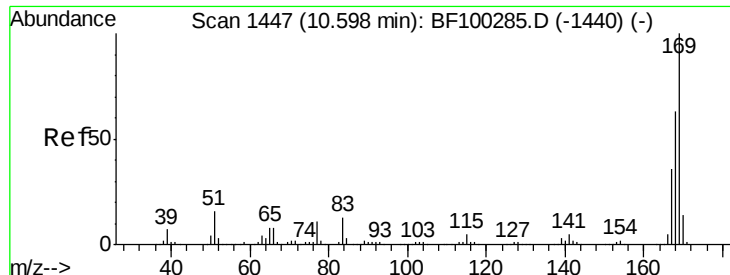
Tgt Ion:188 Resp: 315061
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.08 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:198 Resp: 30039
Ion Ratio Lower Upper
198 100
51 52.7 37.7 77.7
105 44.8 36.3 76.3

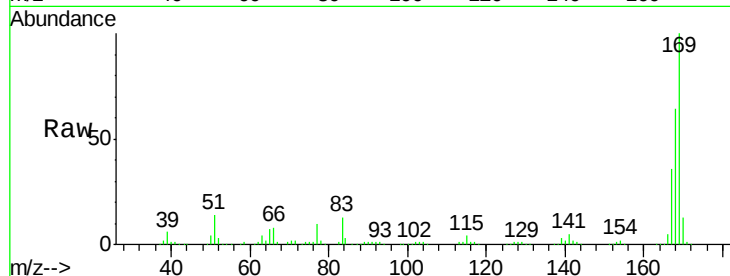




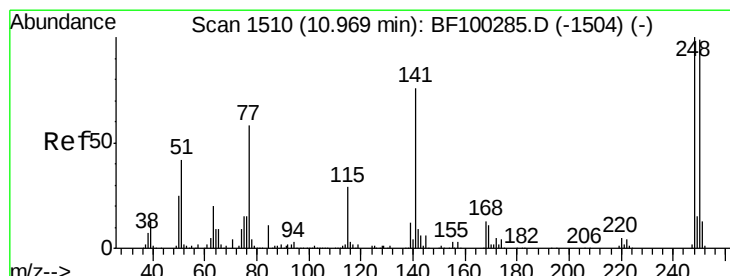
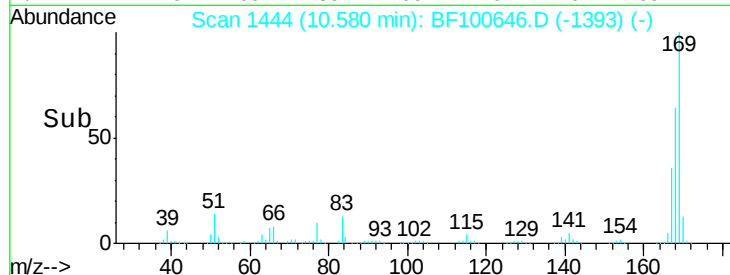
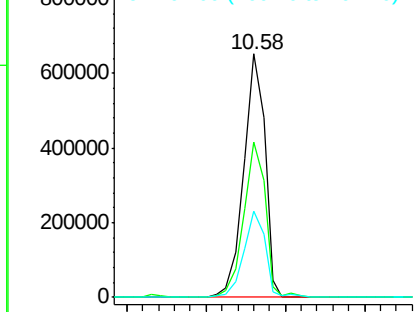
#65
 n-Nitrosodiphenylamine
 Concen: 55.15 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion:169 Resp: 604156
 Ion Ratio Lower Upper
 169 100
 168 63.6 54.4 81.6
 167 35.5 29.8 44.6

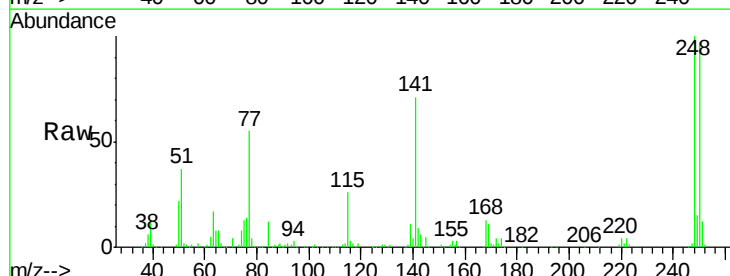


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

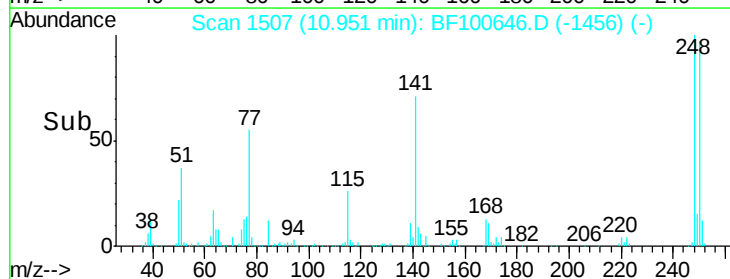
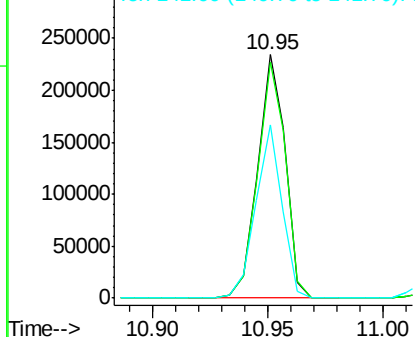


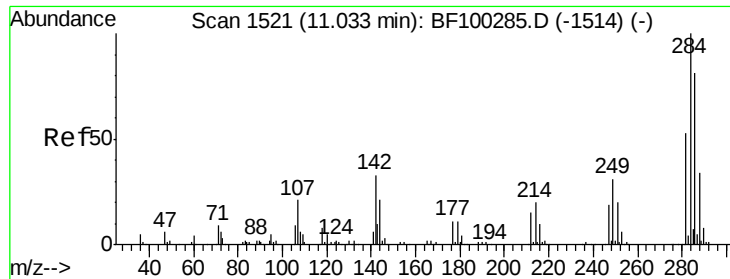
#66
 4-Bromophenyl-phenylether
 Concen: 57.92 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:248 Resp: 195631
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 71.3 74.4 111.6#



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

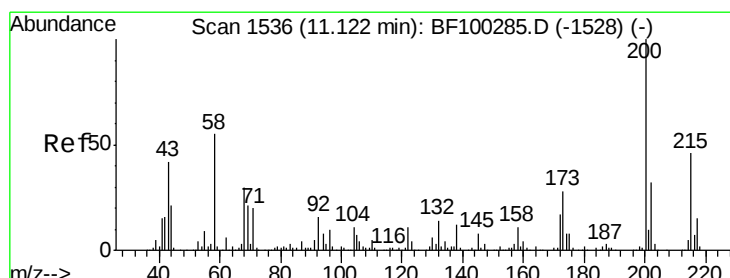
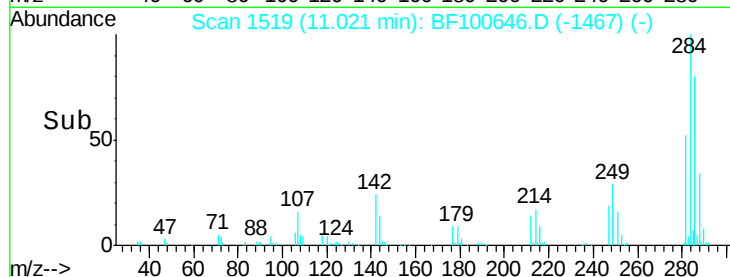
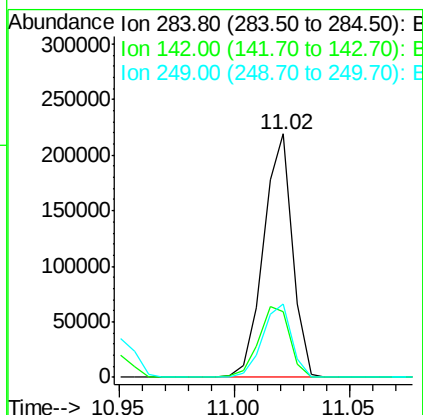
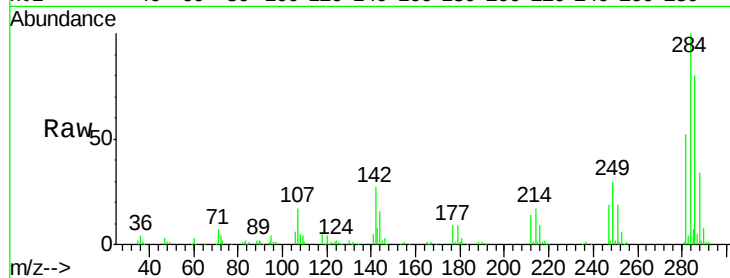




#67
Hexachlorobenzene
Concen: 54.15 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

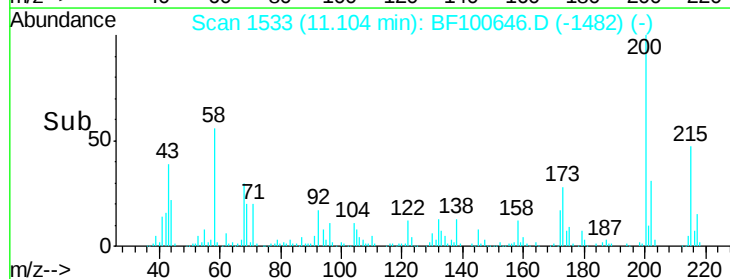
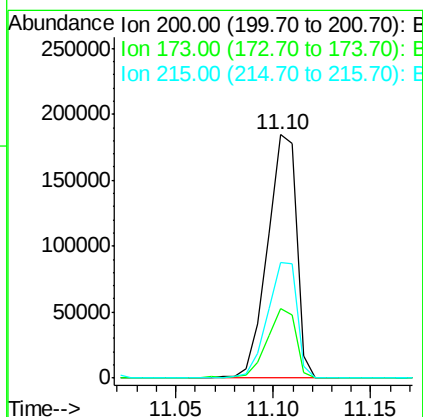
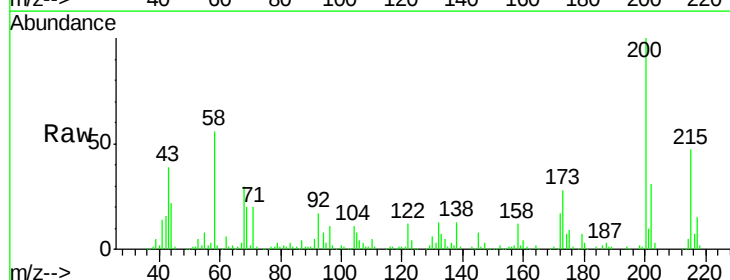
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

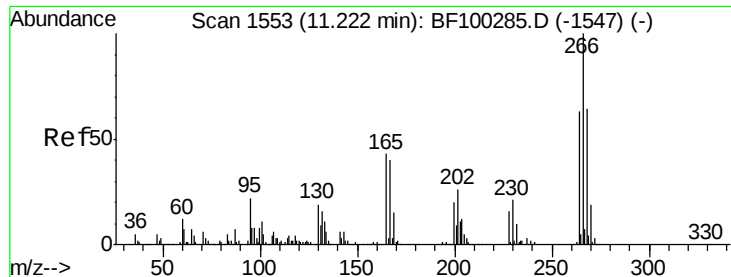
Tgt Ion: 284 Resp: 191293
Ion Ratio Lower Upper
284 100
142 27.1 34.6 52.0#
249 30.1 24.8 37.2



#68
Atrazine
Concen: 57.42 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion: 200 Resp: 190417
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 47.4 25.1 65.1

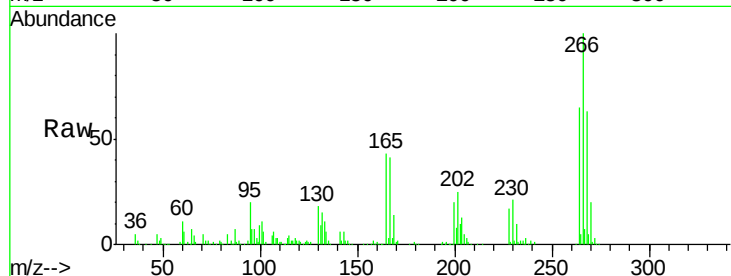




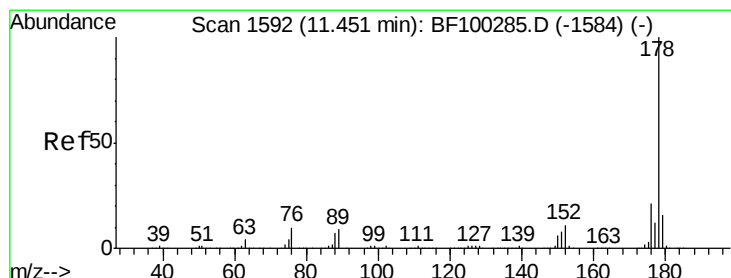
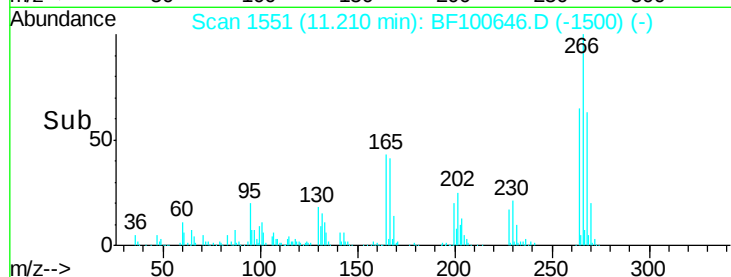
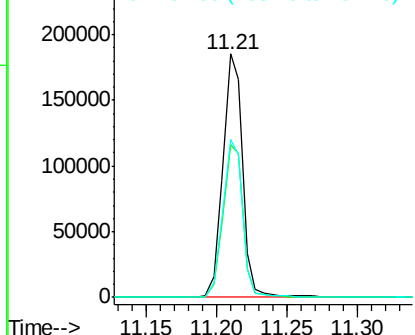
#69
 Pentachlorophenol
 Concen: 71.18 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	64.9	49.5	74.3

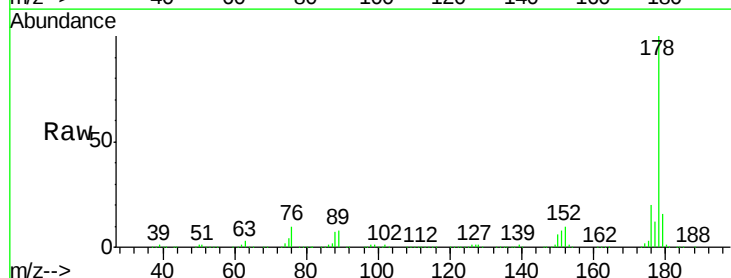


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

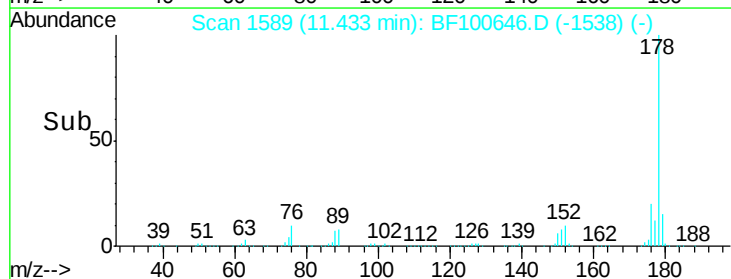
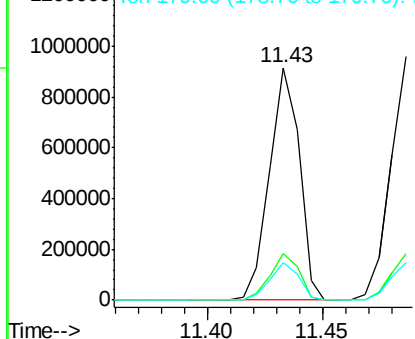


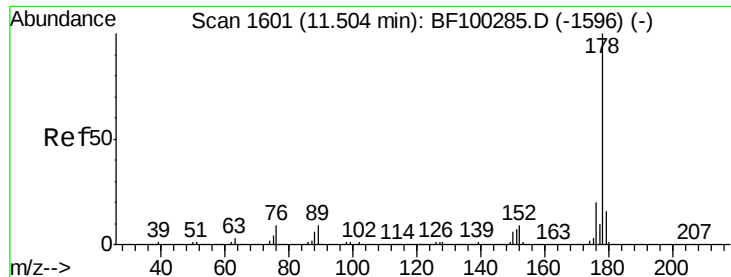
#70
 Phenanthrene
 Concen: 49.88 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.3	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

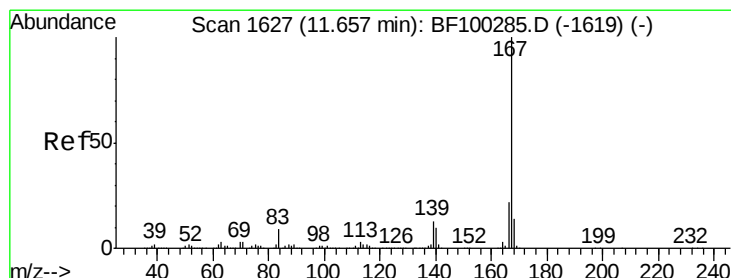
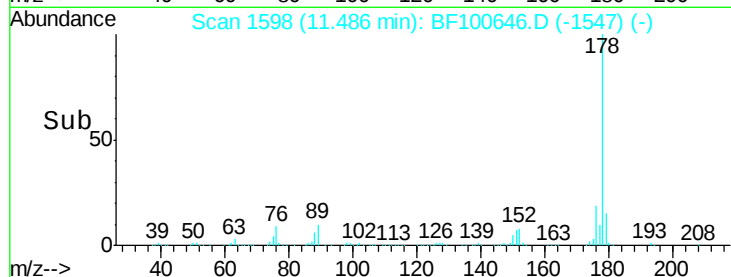
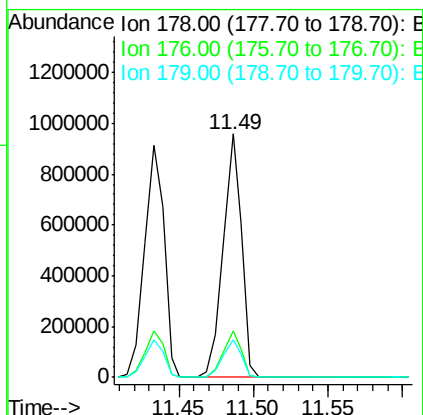
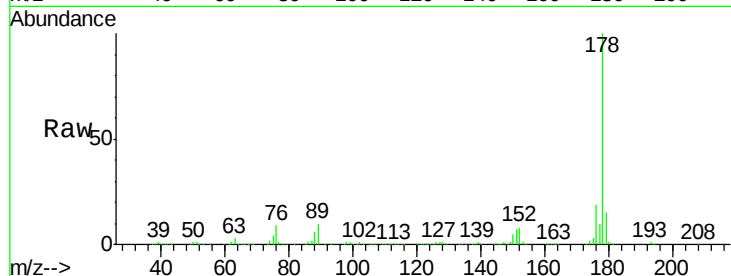




#71
 Anthracene
 Concen: 50.17 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

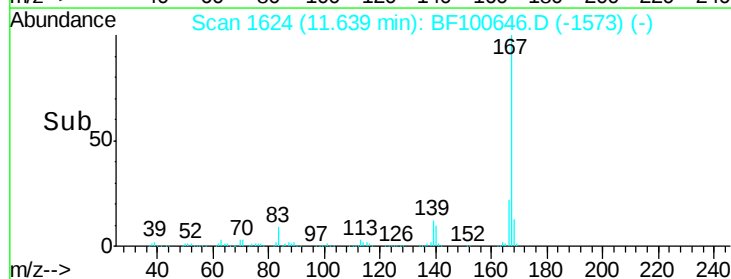
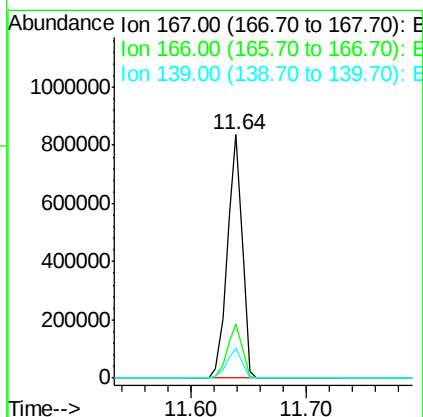
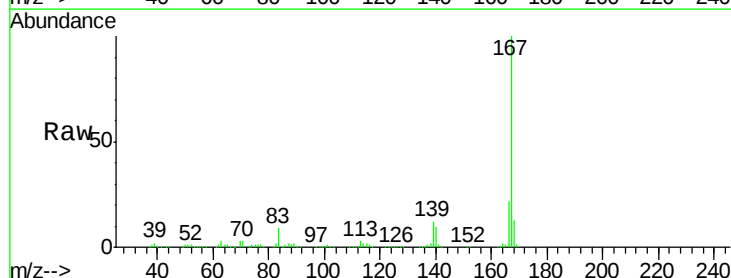
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

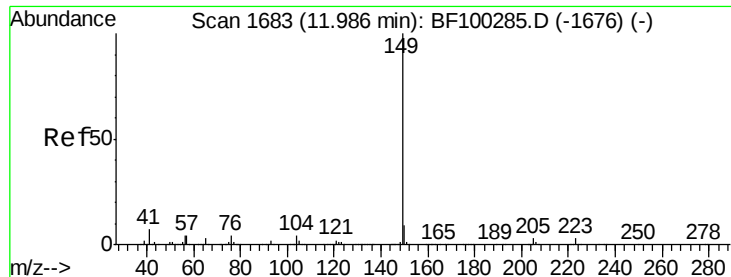
Tgt Ion:178 Resp: 844425
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 47.21 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:167 Resp: 733105
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.5 10.9 16.3

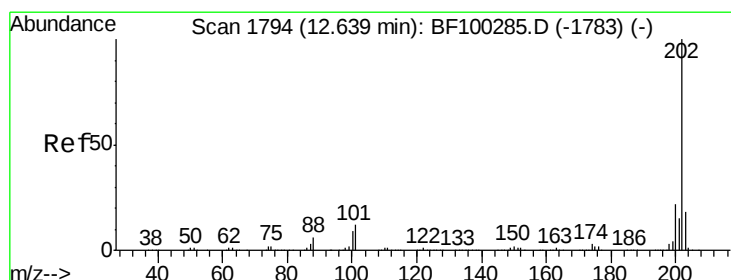
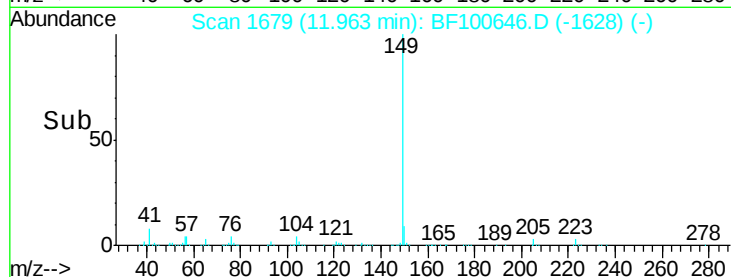
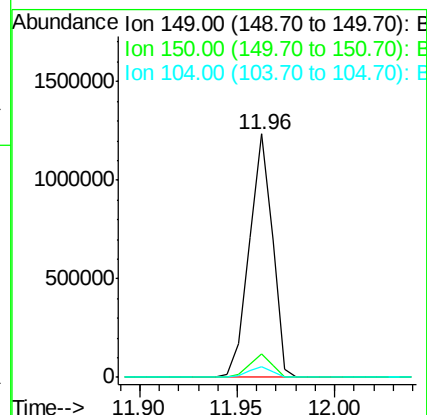
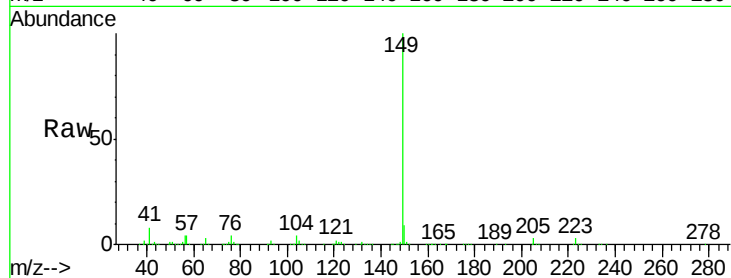




#73
Di-n-butylphthalate
Concen: 55.79 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

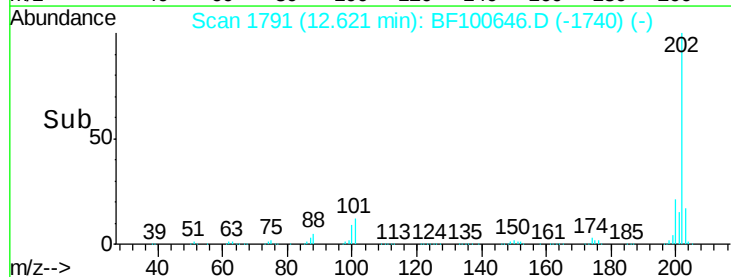
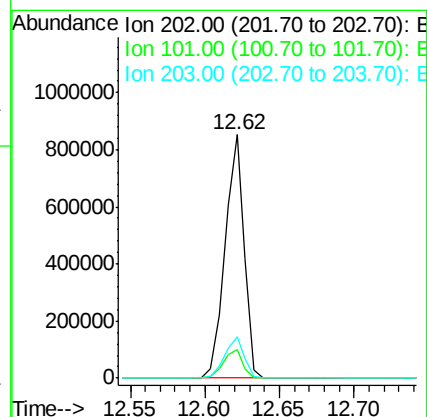
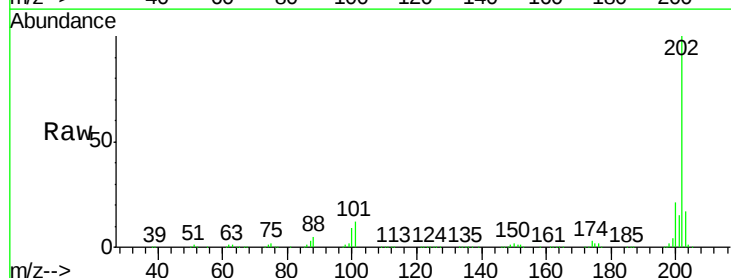
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

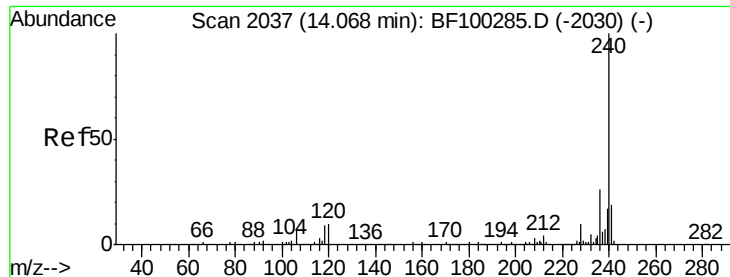
Tgt Ion:149 Resp: 1013933
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 43.65 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:202 Resp: 767320
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.1
203 17.2 0.0 38.1

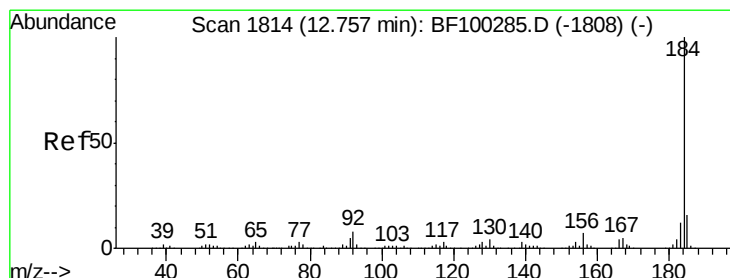
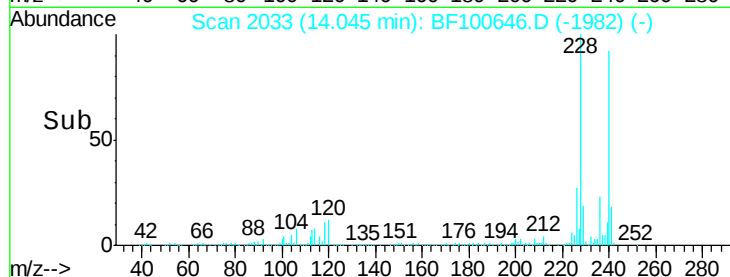
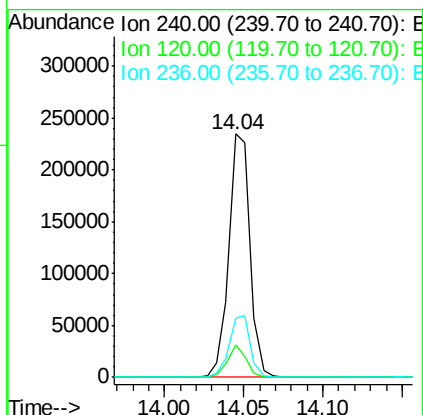
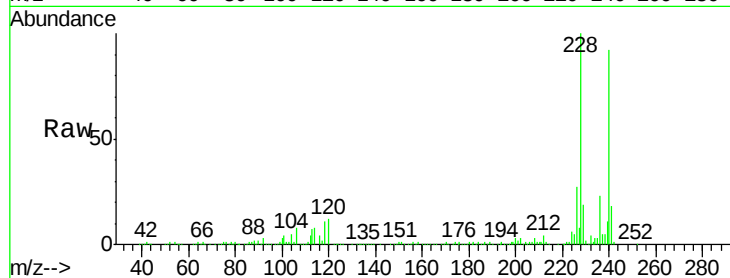




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

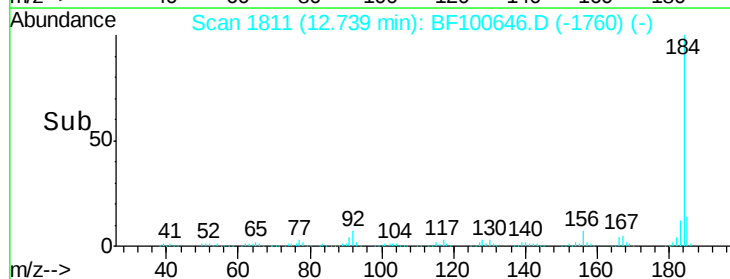
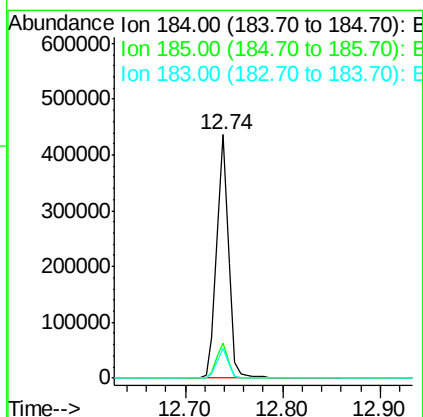
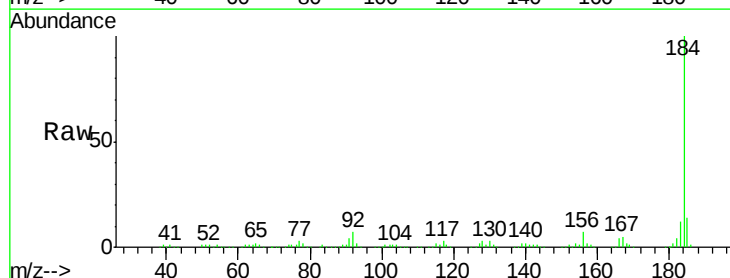
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

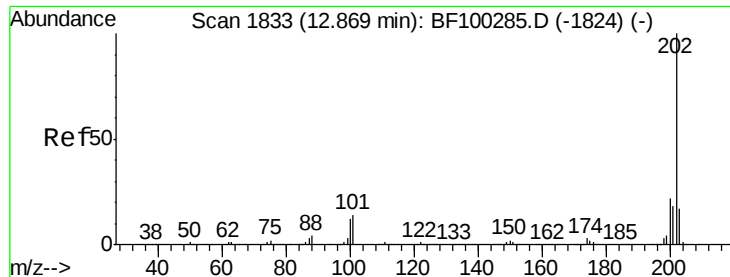
Tgt Ion:240 Resp: 217278
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 24.6 20.7 31.1



#76
Benzidine
Concen: 42.75 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:184 Resp: 372023
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 12.1 9.3 13.9

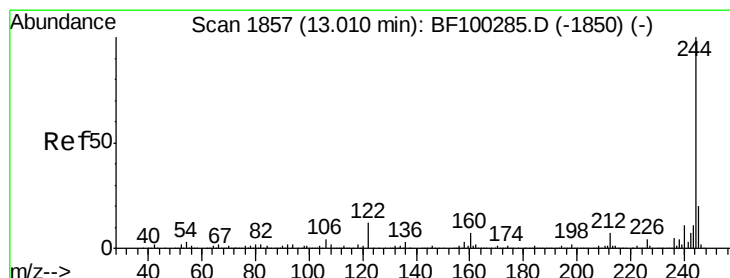
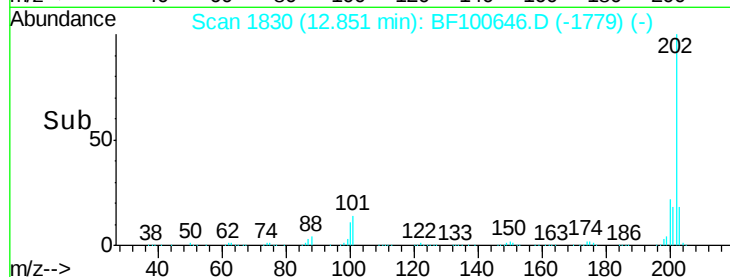
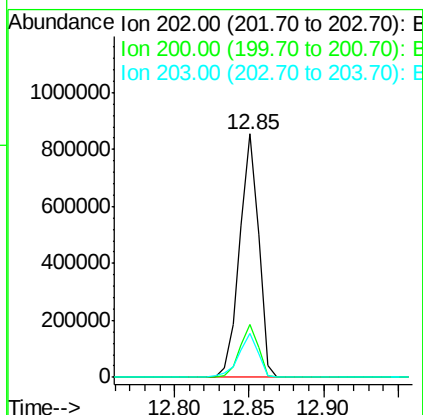
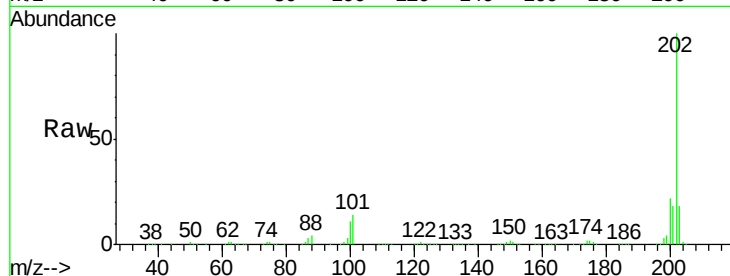




#77
 Pyrene
 Concen: 49.09 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

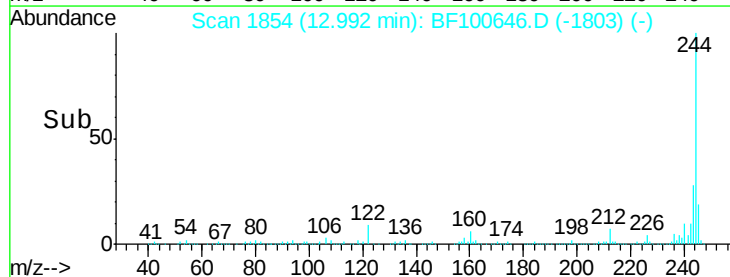
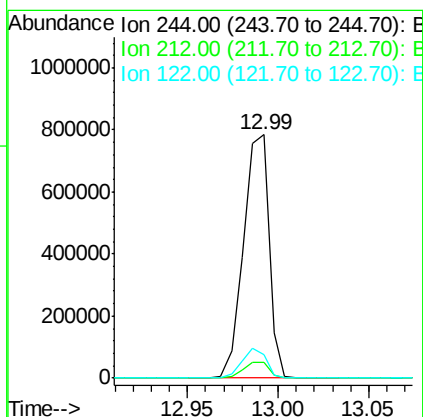
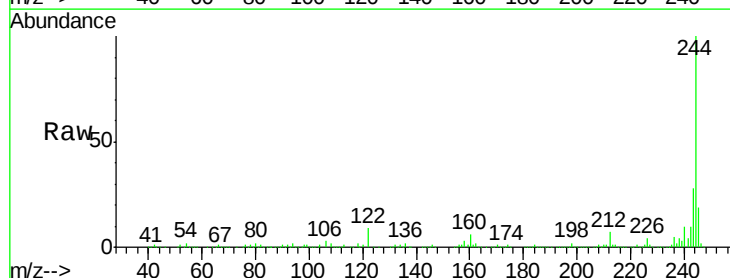
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

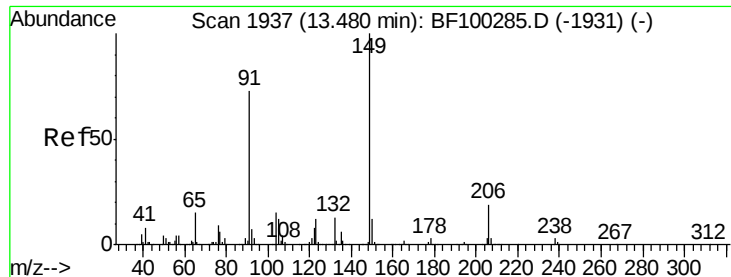
Tgt Ion:202 Resp: 760294
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 81.42 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:244 Resp: 769887
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.4 11.0 16.4#

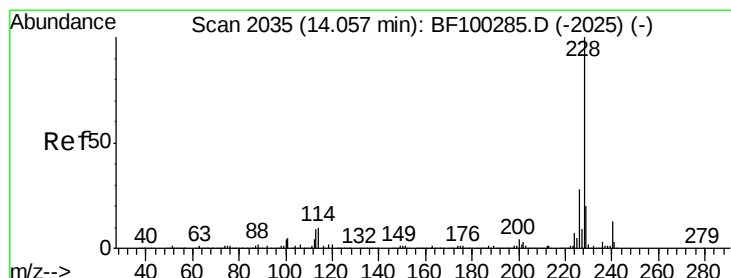
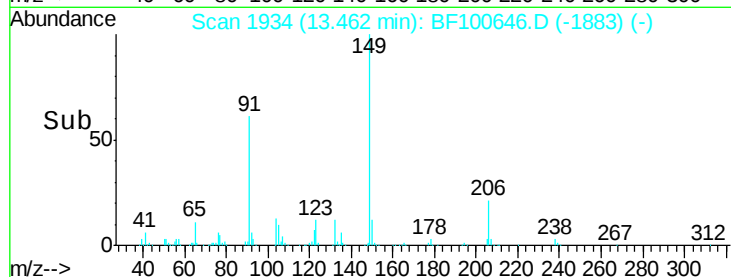
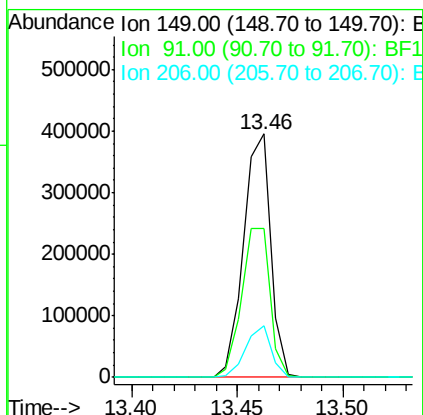
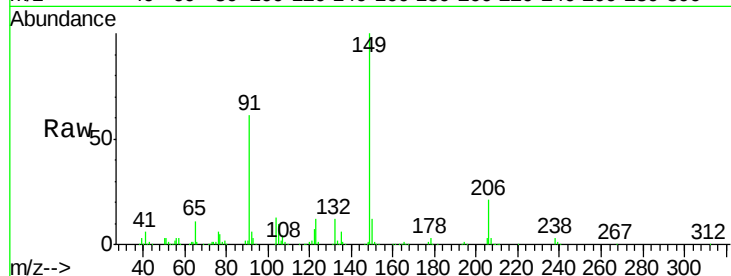




#79
Butylbenzylphthalate
Concen: 55.97 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

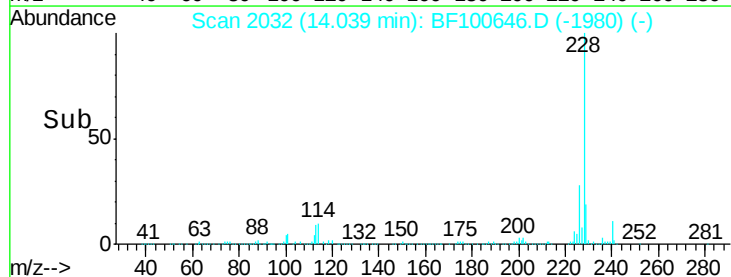
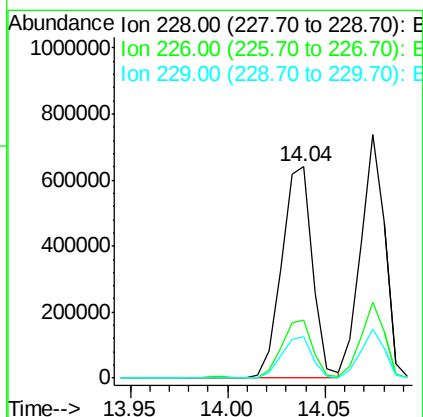
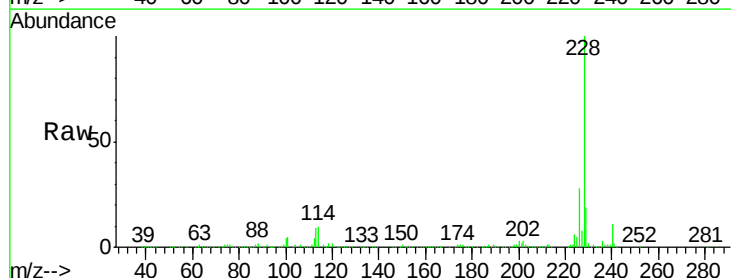
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

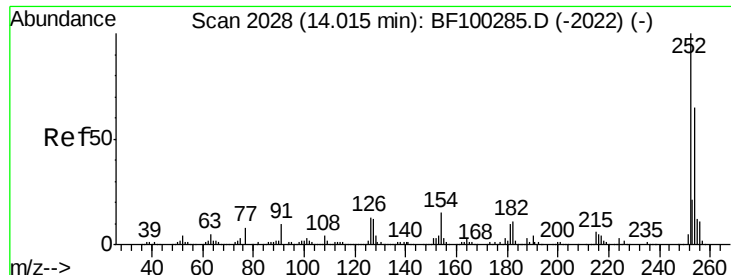
Tgt Ion:149 Resp: 353532
Ion Ratio Lower Upper
149 100
91 61.1 56.8 85.2
206 21.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 53.26 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:228 Resp: 696829
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.5 15.8 23.6

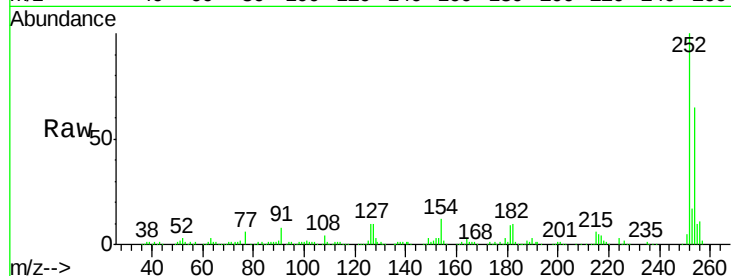




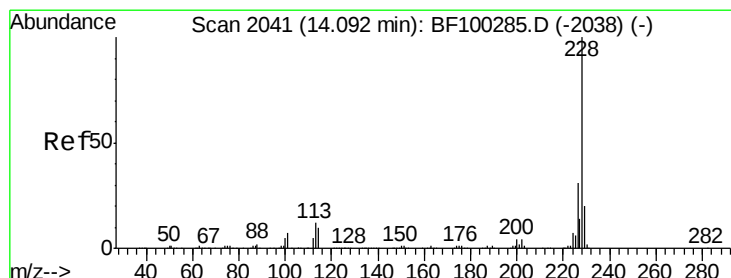
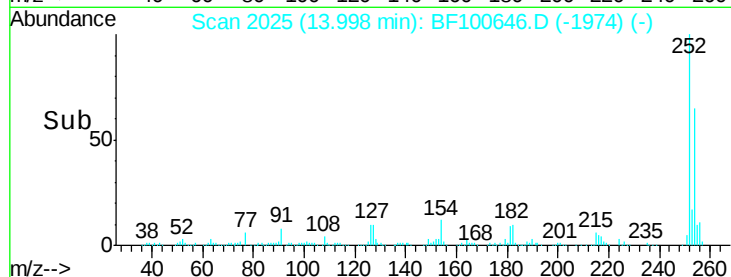
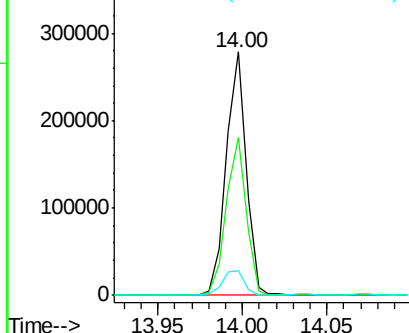
#81
 3,3'-Dichlorobenzidine
 Concen: 48.88 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.4	11.3	16.9#

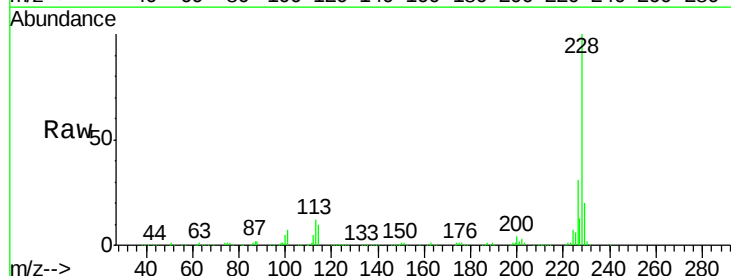


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

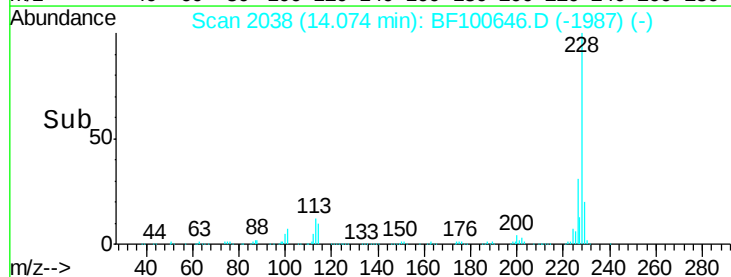
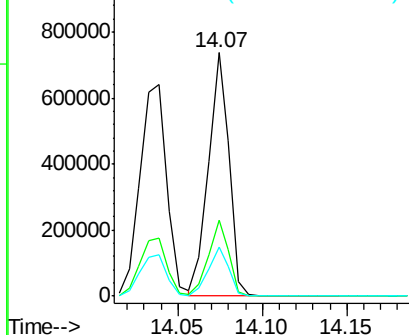


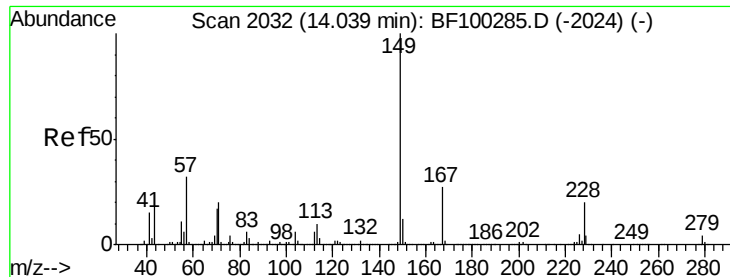
#82
 Chrysene
 Concen: 50.05 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	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

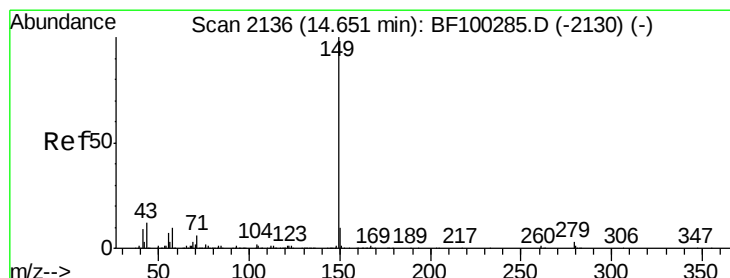
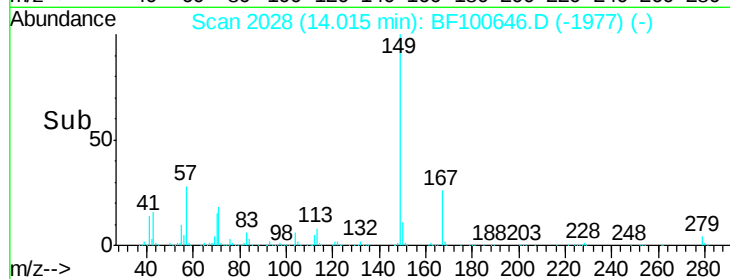
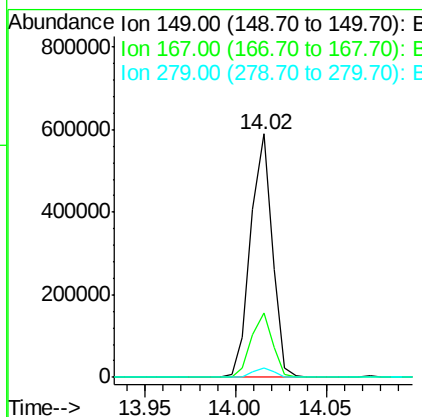
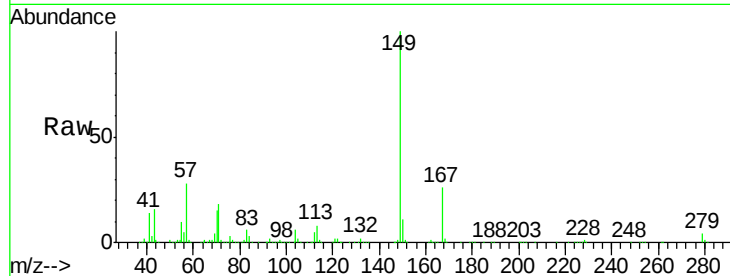




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.15 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

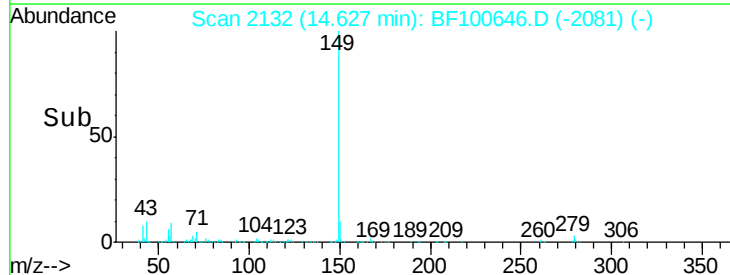
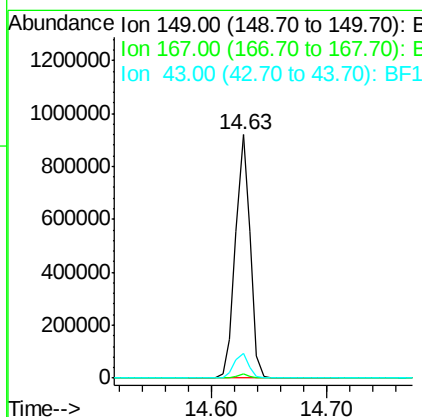
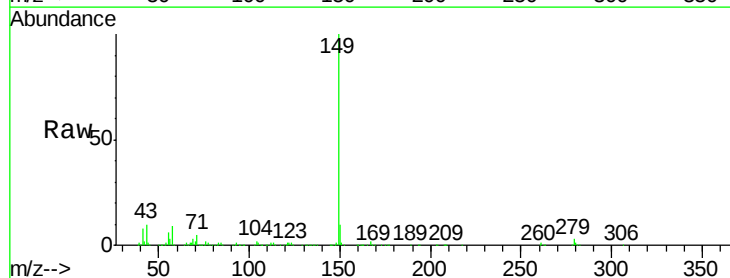
Instrument :
 BNA_F
 ClientSampleId :
 PB104306BSD

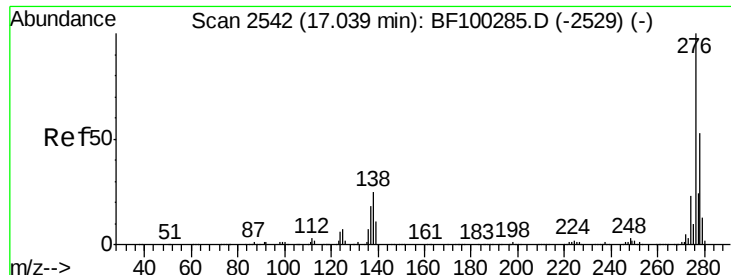
Tgt Ion:149 Resp: 491403
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 56.54 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF100646.D
 Acq: 16 Nov 2017 23:11

Tgt Ion:149 Resp: 806978
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.76 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

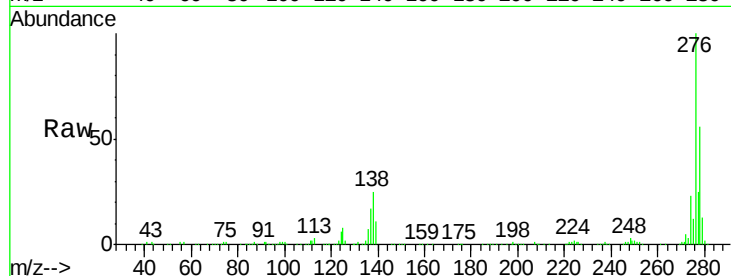
Tgt Ion:276 Resp: 479247

Ion Ratio Lower Upper

276 100

138 26.7 25.0 37.6

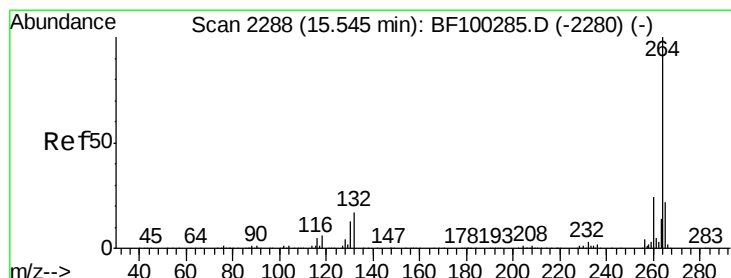
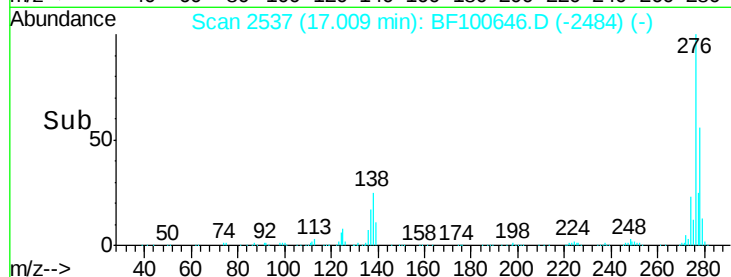
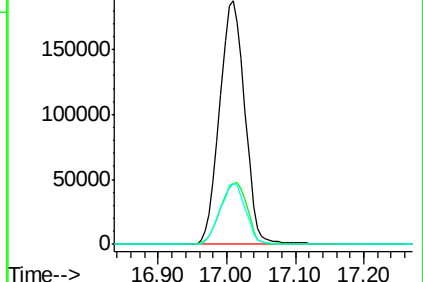
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

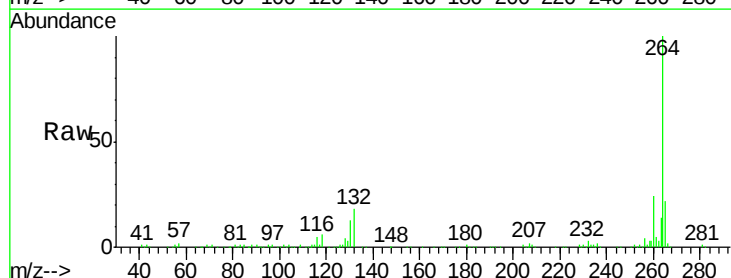
Tgt Ion:264 Resp: 187210

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

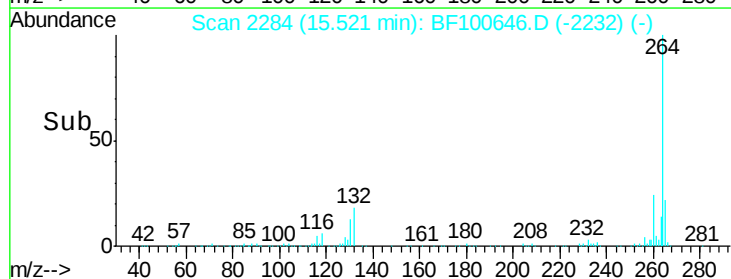
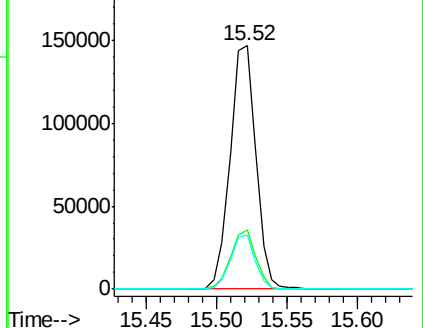
265 22.0 17.5 26.3

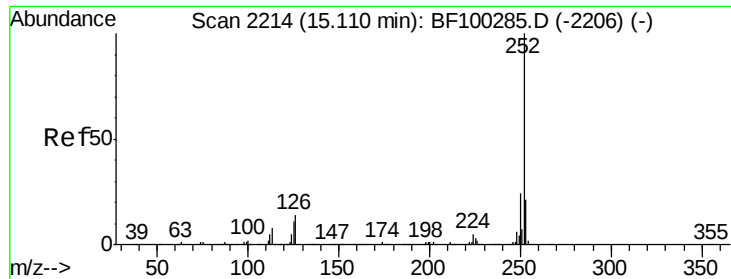


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

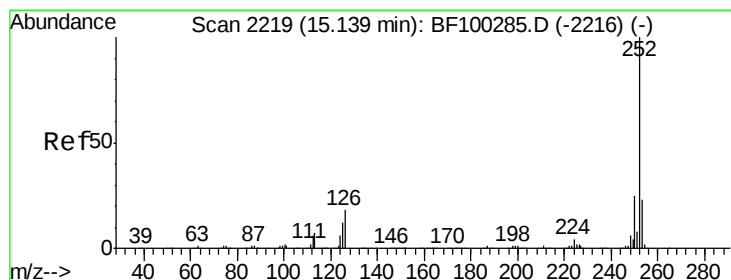
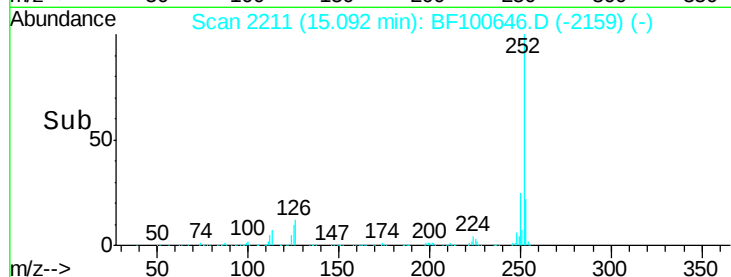
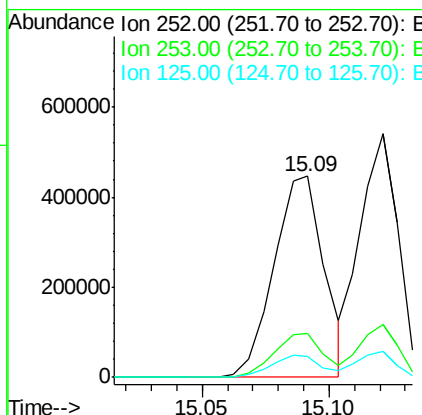
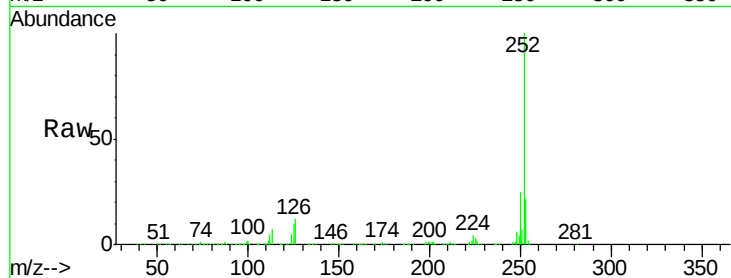




#87
Benzo(b)fluoranthene
Concen: 55.57 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

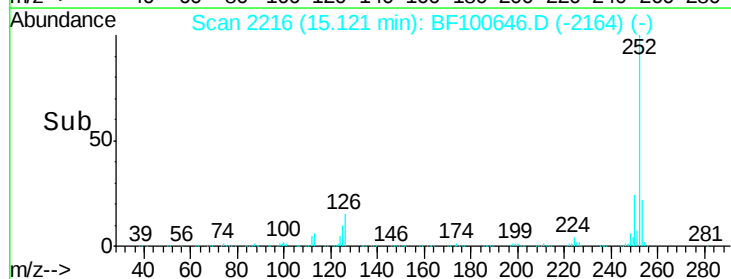
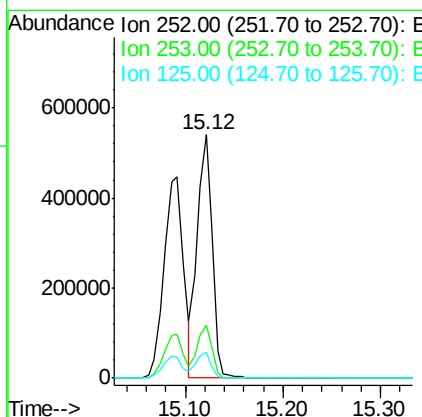
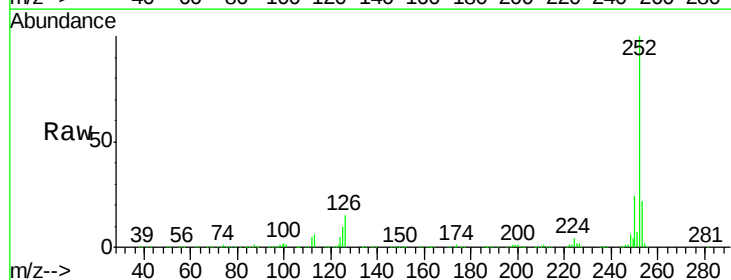
Instrument :
BNA_F
ClientSampleId :
PB104306BSD

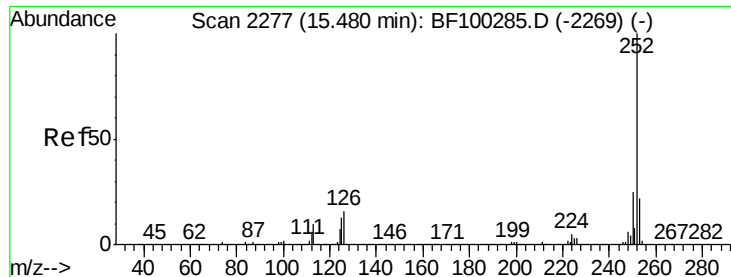
Tgt Ion:252 Resp: 616317
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 55.04 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF100646.D
Acq: 16 Nov 2017 23:11

Tgt Ion:252 Resp: 576807
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 54.46 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

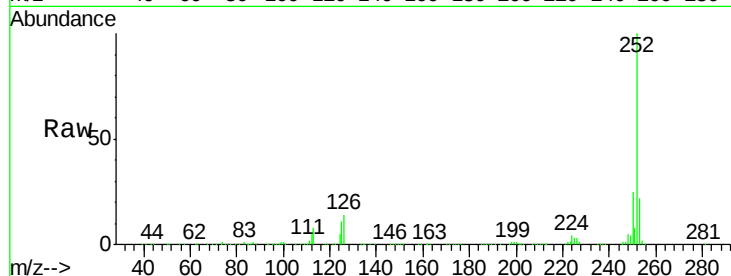
Tgt Ion:252 Resp: 535469

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

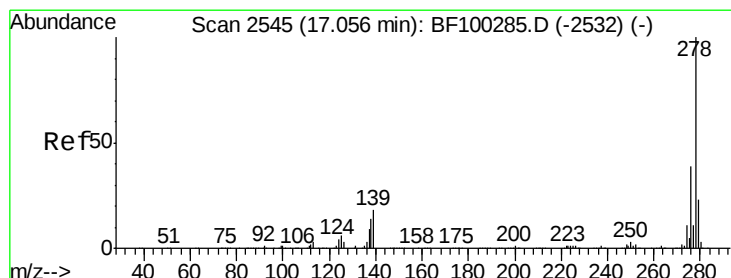
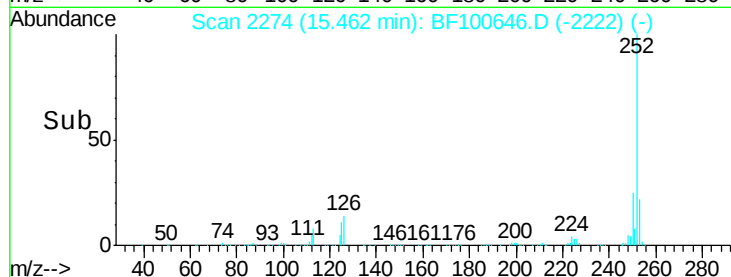
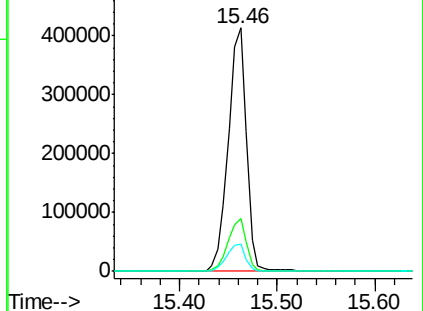
125 11.1 9.8 14.6



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: 50.99 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

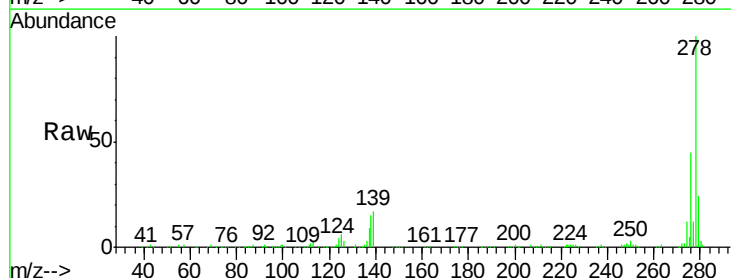
Tgt Ion:278 Resp: 410039

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

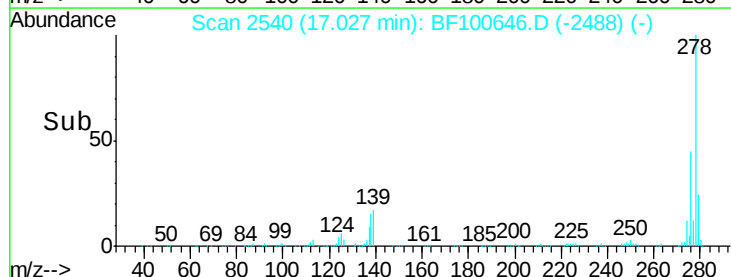
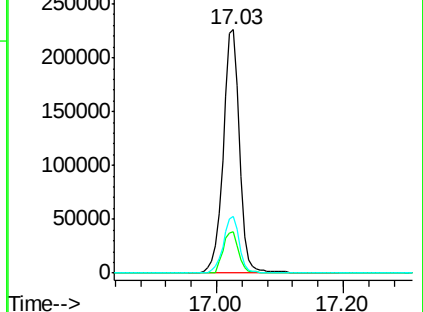
279 23.5 19.0 28.4

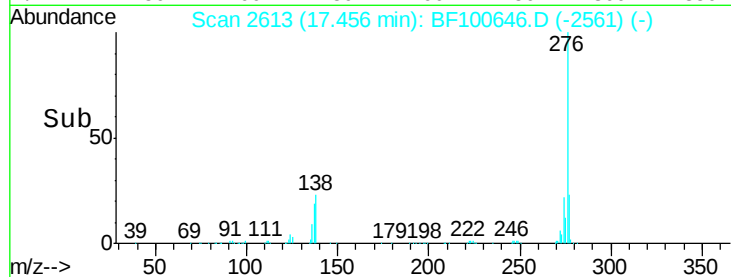
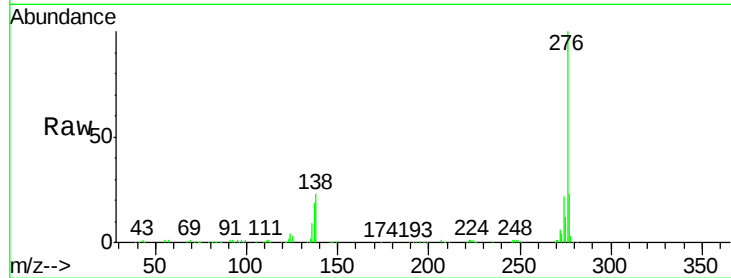
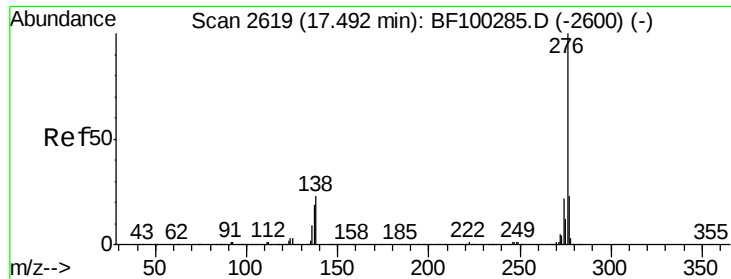


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.62 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF100646.D

Acq: 16 Nov 2017 23:11

Instrument :

BNA_F

ClientSampleId :

PB104306BSD

Tgt Ion: 276 Resp: 390558

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 22.9 21.8 32.8

