

Data File : BF100563.D
Acq On : 15 Nov 2017 2:34
Operator : SJ/JU
Sample : IPB104235BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104235BS

Quant Time: Nov 15 03:22:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115120	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	427522	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	168057	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	264313	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223089	20.00	ng	0.00
86) Perylene-d12	15.52	264	175889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	599381	83.46	ng	0.01
7) Phenol-d6	6.51	99	724703	81.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	637857	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	134710	78.66	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1077686	97.65	ng	0.00
78) Terphenyl-d14	12.99	244	735642	75.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	128820	36.81	ng	96
3) Pyridine	3.51	79	377153	39.50	ng	95
4) n-Nitrosodimethylamine	3.47	42	182735	39.42	ng	# 97
6) Aniline	6.55	93	305396	24.41	ng	100
8) 2-Chlorophenol	6.67	128	333460	43.89	ng	98
9) Benzaldehyde	6.43	77	143193	22.64	ng	99
10) Phenol	6.53	94	413904	44.52	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	321145	41.13	ng	97
12) 1,3-Dichlorobenzene	6.83	146	368413	42.06	ng	98
13) 1,4-Dichlorobenzene	6.90	146	376939	42.52	ng	97
14) 1,2-Dichlorobenzene	7.06	146	348437	42.51	ng	98
15) Benzyl Alcohol	7.02	79	281238	40.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	575583	46.09	ng	98
17) 2-Methylphenol	7.13	107	282082	43.45	ng	99
18) Hexachloroethane	7.40	117	104325	35.69	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	221892	36.13	ng	94
20) 3+4-Methylphenols	7.29	107	330065	40.17	ng	# 86
22) Acetophenone	7.29	105	427711	41.03	ng	# 93
24) Nitrobenzene	7.47	77	342267	51.43	ng	100
25) Isophorone	7.70	82	625244	46.01	ng	99
26) 2-Nitrophenol	7.78	139	154269	49.28	ng	97
27) 2,4-Dimethylphenol	7.82	122	302766	49.70	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	394010	44.33	ng	98
29) 2,4-Dichlorophenol	8.02	162	267350	45.97	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	282951	44.98	ng	96
31) Naphthalene	8.19	128	890043	43.22	ng	100
32) Benzoic acid	7.92	122	121311	30.30	ng	97
33) 4-Chloroaniline	8.23	127	174081	20.31	ng	99
34) Hexachlorobutadiene	8.30	225	165817	44.33	ng	97
35) Caprolactam	8.60	113	74887	37.52	ng	# 89
36) 4-Chloro-3-methylphenol	8.72	107	263255	42.15	ng	96
37) 2-Methylnaphthalene	8.88	142	583081	42.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	268735	48.22	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	63218	24.10	ng	99

Data File : BF100563.D
Acq On : 15 Nov 2017 2:34
Operator : SJ/JU
Sample : IPB104235BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104235BS

Quant Time: Nov 15 03:22:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

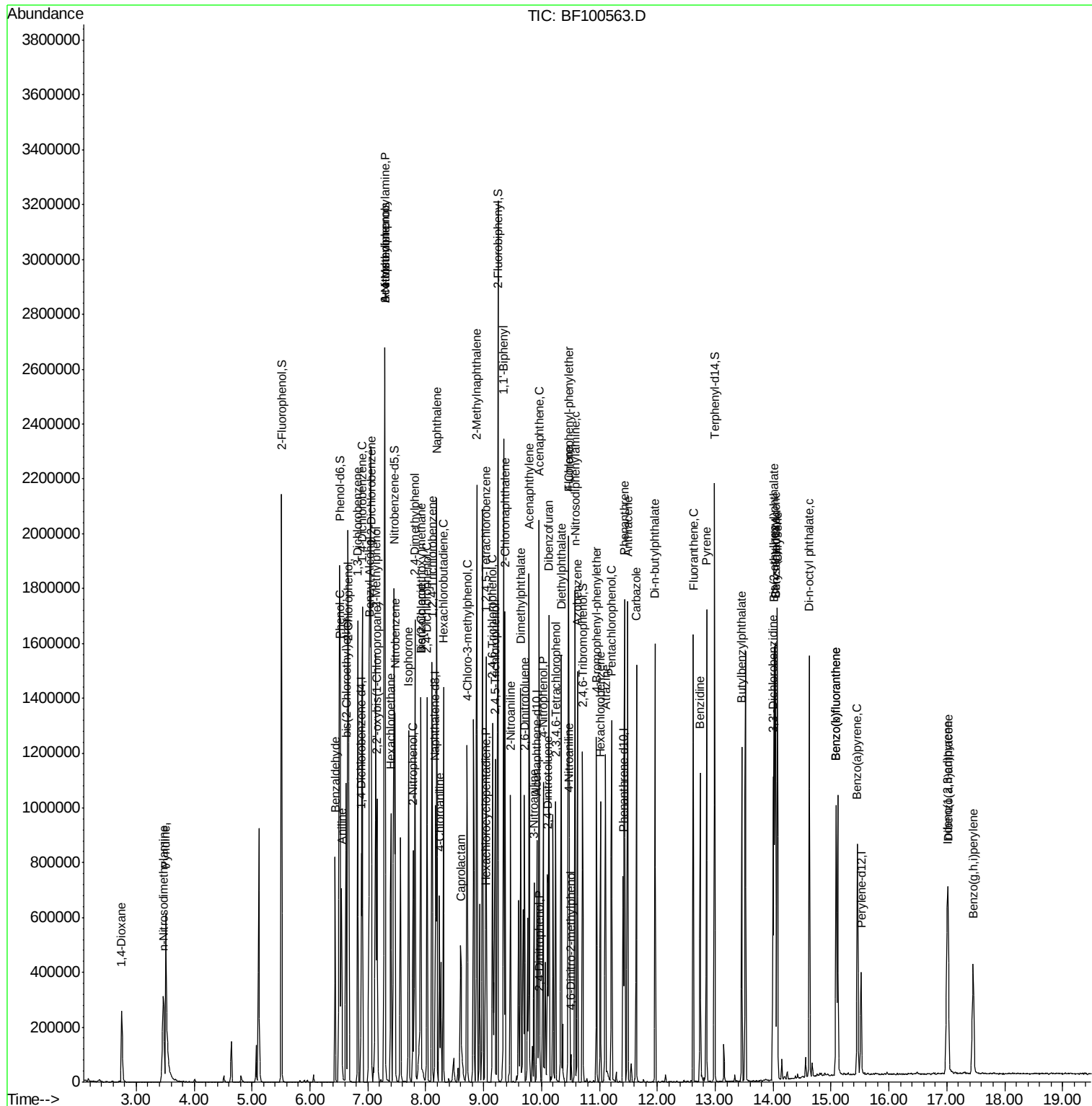
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	176398	49.94	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	175108	47.84	ng #	92
45) 1,1'-Biphenyl	9.35	154	667914	45.95	ng	99
46) 2-Chloronaphthalene	9.37	162	511324	48.49	ng	97
47) 2-Nitroaniline	9.46	65	166214	53.04	ng	94
48) Acenaphthylene	9.79	152	758908	43.43	ng	100
49) Dimethylphthalate	9.64	163	606754	47.29	ng	99
50) 2,6-Dinitrotoluene	9.70	165	121682	47.91	ng	96
51) Acenaphthene	9.96	154	447406	42.10	ng	99
52) 3-Nitroaniline	9.87	138	115027	38.35	ng	94
53) 2,4-Dinitrophenol	9.97	184	12921	22.41	ng #	20
54) Dibenzofuran	10.13	168	652761	43.82	ng	99
55) 4-Nitrophenol	10.03	139	184317	75.68	ng	96
56) 2,4-Dinitrotoluene	10.11	165	146764	45.80	ng #	85
57) Fluorene	10.47	166	461540	42.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	127350	42.46	ng #	86
59) Diethylphthalate	10.34	149	559617	43.58	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	240418	44.91	ng	90
61) 4-Nitroaniline	10.49	138	117832	41.43	ng	89
62) Azobenzene	10.62	77	490900	40.59	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	11395	15.58	ng	95
65) n-Nitrosodiphenylamine	10.58	169	443659	48.27	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	143114	50.51	ng #	88
67) Hexachlorobenzene	11.02	284	138988	46.90	ng	93
68) Atrazine	11.10	200	129049	46.39	ng	97
69) Pentachlorophenol	11.21	266	145505	68.48	ng	98
70) Phenanthrene	11.43	178	625450	44.94	ng	99
71) Anthracene	11.49	178	639697	45.31	ng	100
72) Carbazole	11.64	167	572594	43.95	ng	98
73) Di-n-butylphthalate	11.96	149	743571	48.77	ng	98
74) Fluoranthene	12.62	202	643373	43.62	ng	96
76) Benzidine	12.75	184	488791	54.71	ng	99
77) Pyrene	12.85	202	664723	41.80	ng	100
79) Butylbenzylphthalate	13.46	149	286687	44.21	ng	92
80) Benzo(a)anthracene	14.04	228	617027	45.93	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	227884	47.34	ng #	98
82) Chrysene	14.07	228	579446	44.54	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	399828	46.87	ng	99
84) Di-n-octyl phthalate	14.63	149	726239	49.56	ng	100
85) Indeno(1,2,3-cd)pyrene	17.01	276	419487	39.87	ng	96
87) Benzo(b)fluoranthene	15.09	252	497579	47.75	ng	99
88) Benzo(k)fluoranthene	15.09	252	497579	50.54	ng	98
89) Benzo(a)pyrene	15.46	252	430977	46.65	ng	100
90) Dibenzo(a,h)anthracene	17.03	278	351643	46.54	ng	96
91) Benzo(g,h,i)perylene	17.46	276	340315	46.02	ng	95

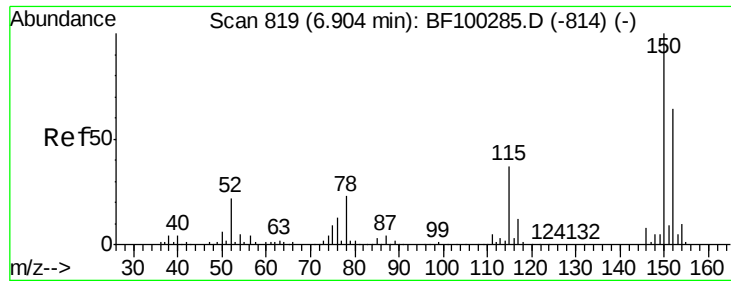
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 26 Sample Multiplier: 1

PB104235BS

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

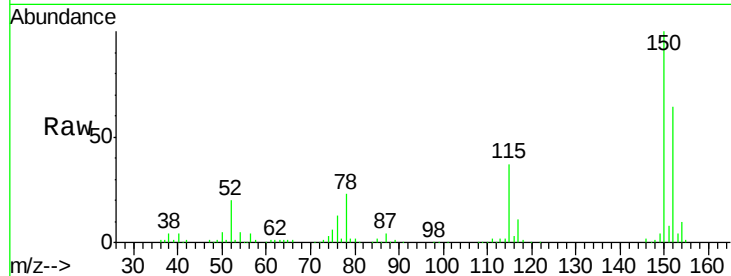
Tgt Ion:152 Resp: 115120

Ion Ratio Lower Upper

152 100

150 157.0 124.6 186.8

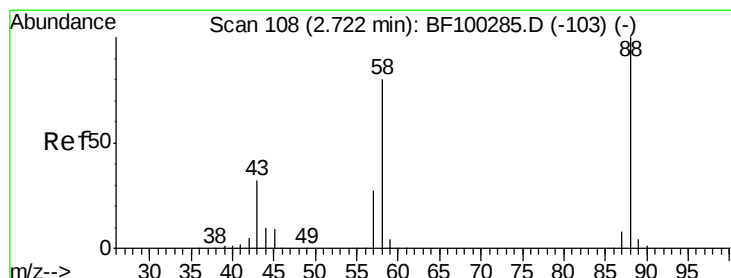
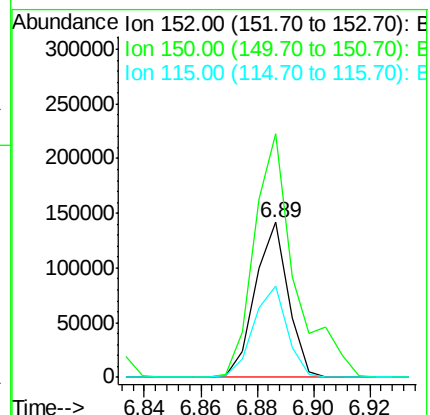
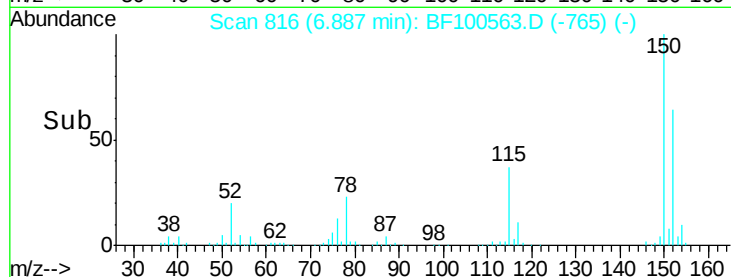
115 58.6 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.81 ng

RT: 2.75 min Scan# 112

Delta R.T. 0.08 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

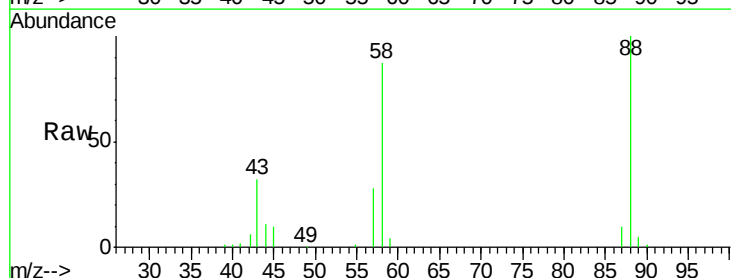
Tgt Ion: 88 Resp: 128820

Ion Ratio Lower Upper

88 100

58 82.2 62.6 93.8

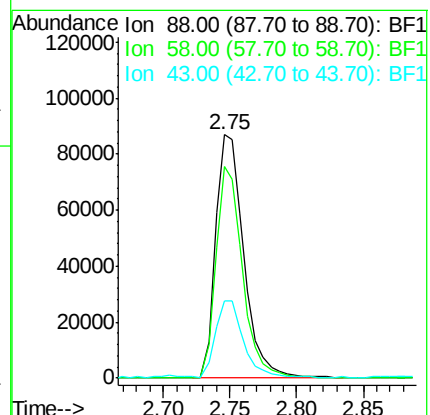
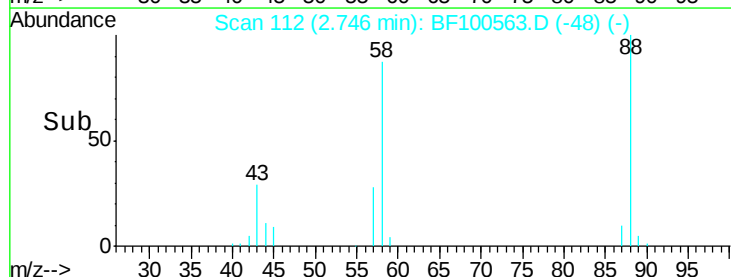
43 32.2 24.6 37.0

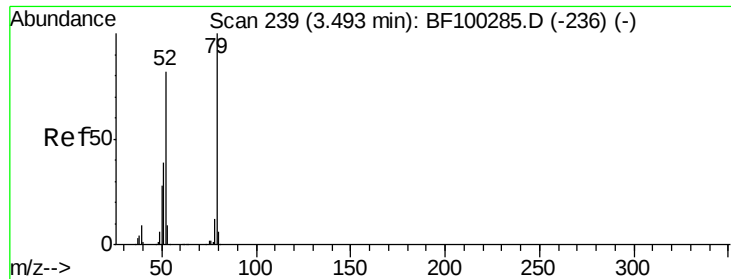


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 39.50 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.07 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

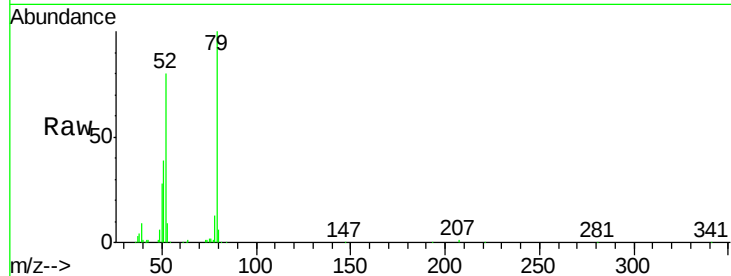
Tgt Ion: 79 Resp: 377153

Ion Ratio Lower Upper

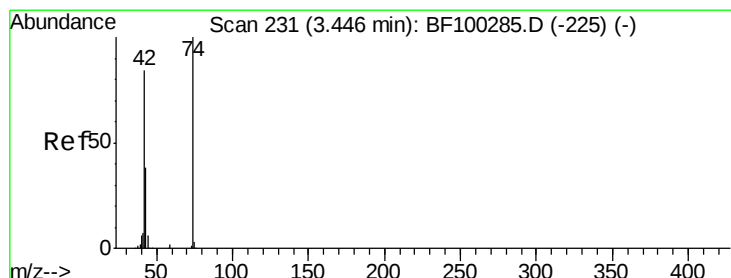
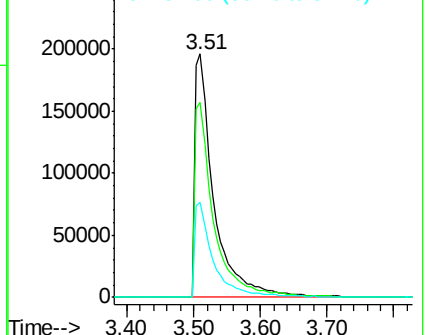
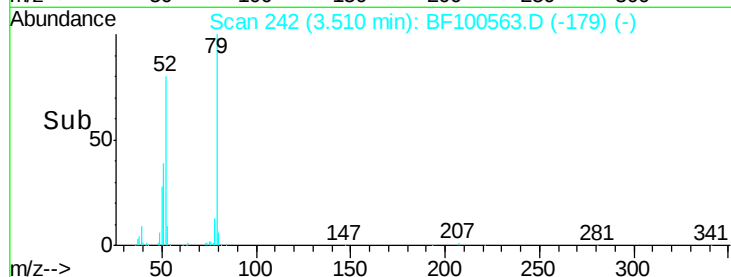
79 100

52 80.0 59.8 89.6

51 39.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.42 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.07 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

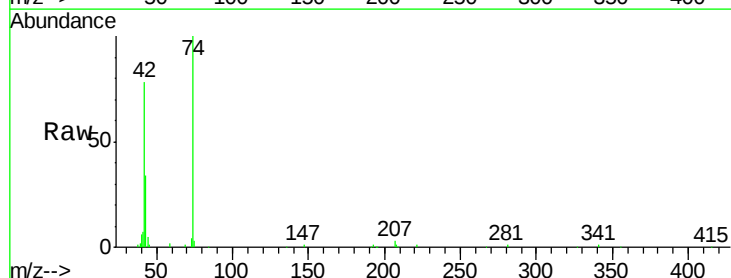
Tgt Ion: 42 Resp: 182735

Ion Ratio Lower Upper

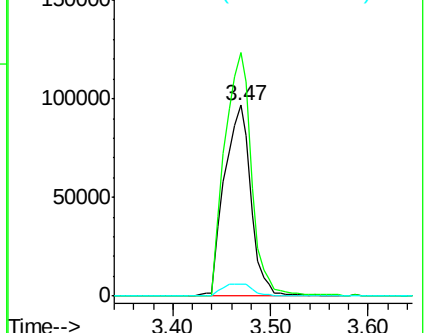
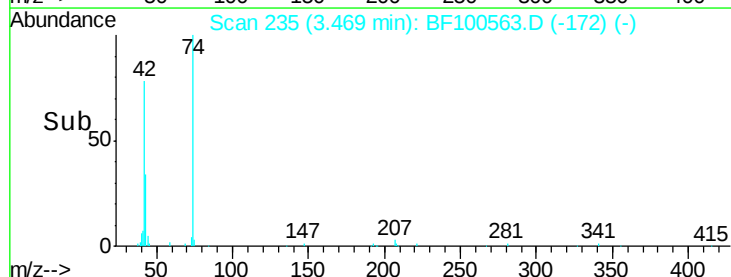
42 100

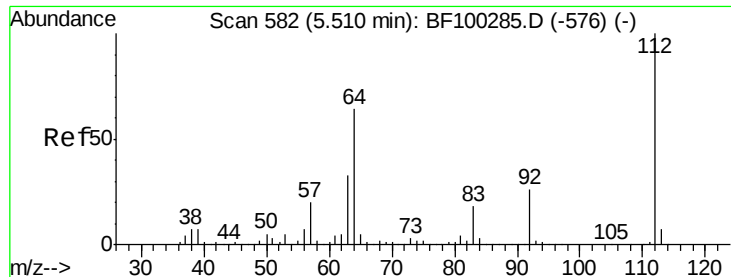
74 127.7 104.9 157.3

44 6.1 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

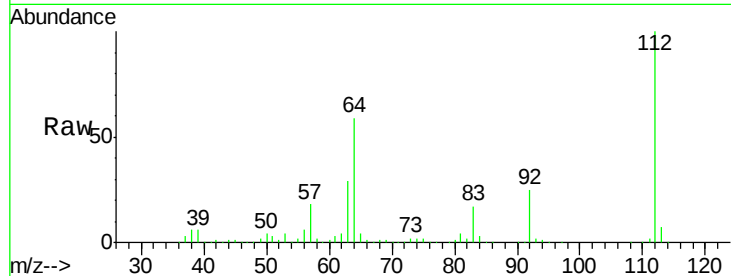




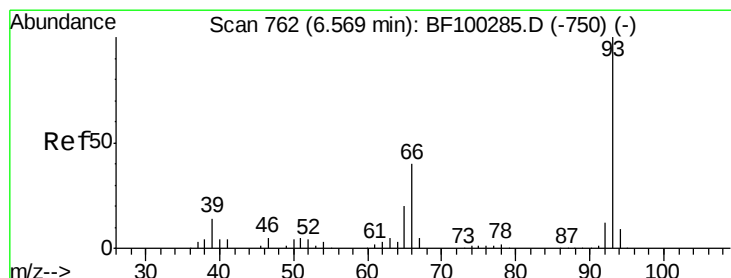
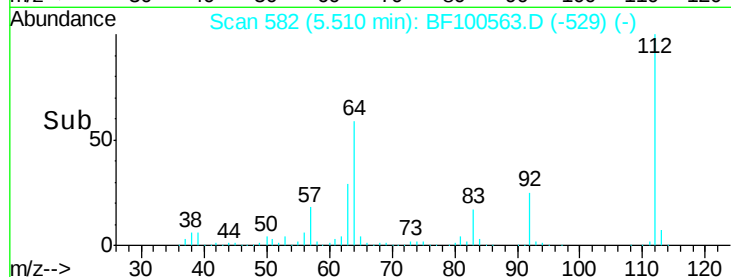
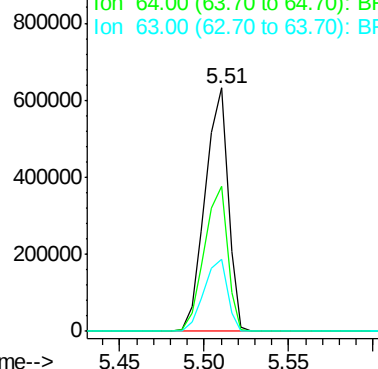
#5
 2-Fluorophenol
 Concen: 83.46 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	29.5	23.7	35.5

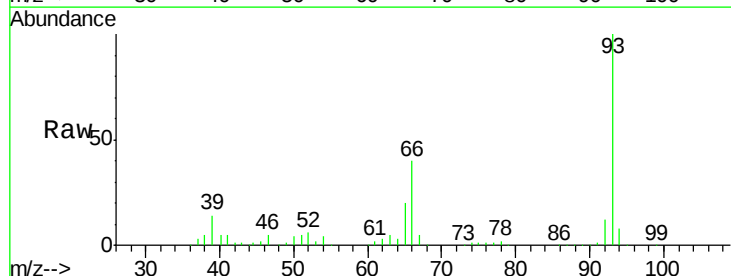


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

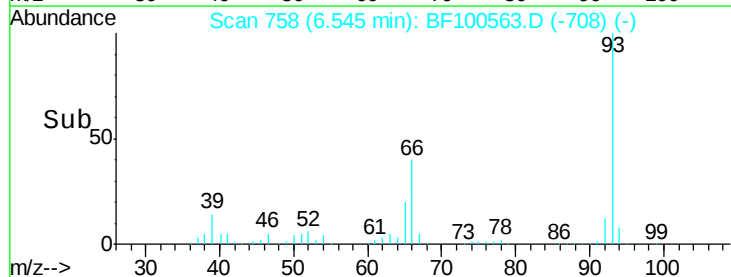
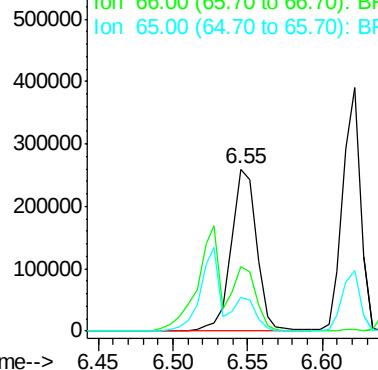


#6
 Aniline
 Concen: 24.41 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.2	48.2
65	20.4	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.83 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

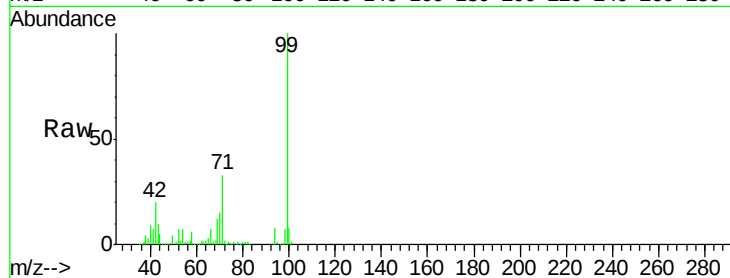
Tgt Ion: 99 Resp: 724703

Ion Ratio Lower Upper

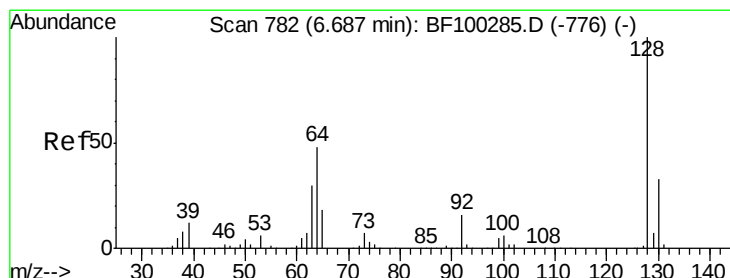
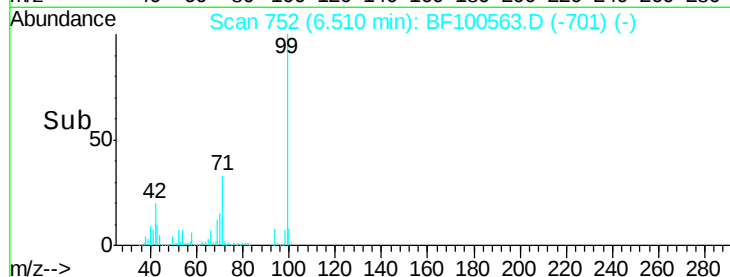
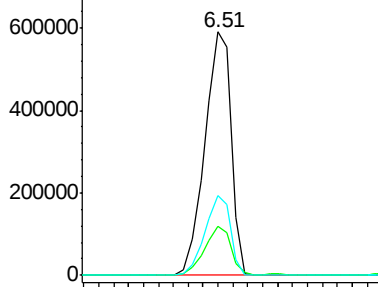
99 100

42 20.1 14.5 21.7

71 32.6 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: 43.89 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

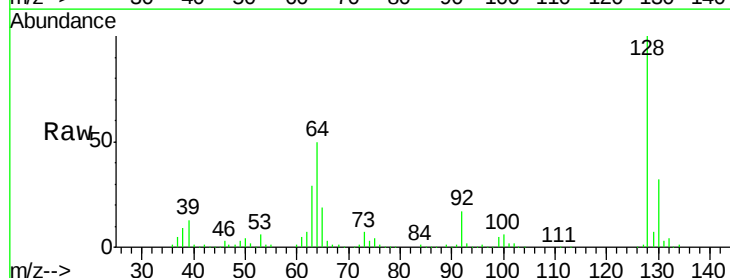
Tgt Ion: 128 Resp: 333460

Ion Ratio Lower Upper

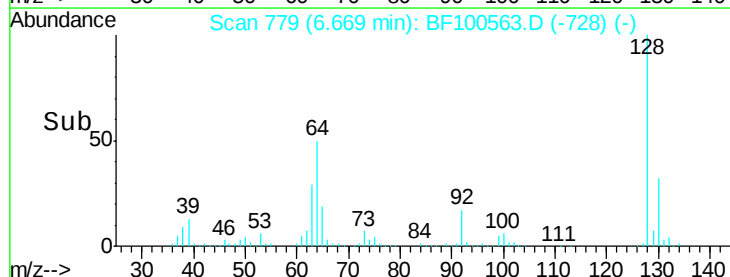
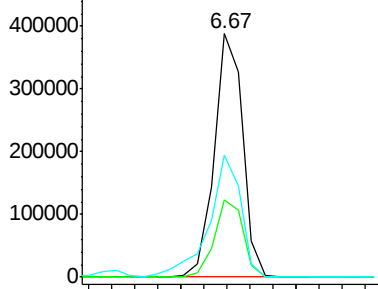
128 100

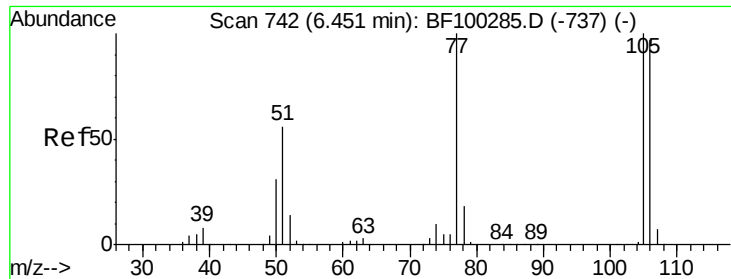
130 31.6 13.0 53.0

64 50.4 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

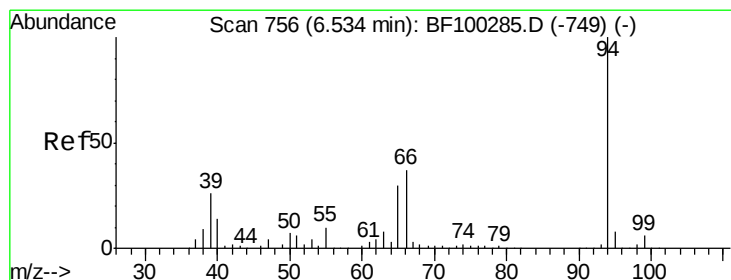
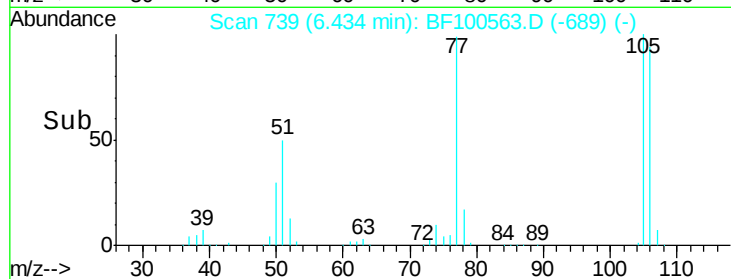
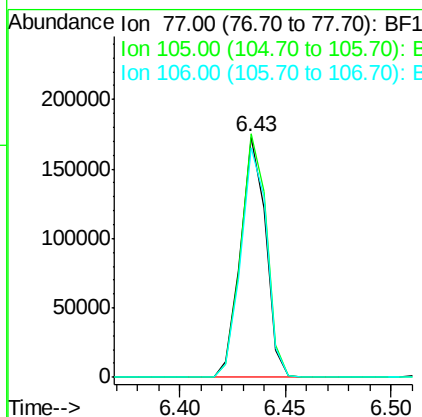
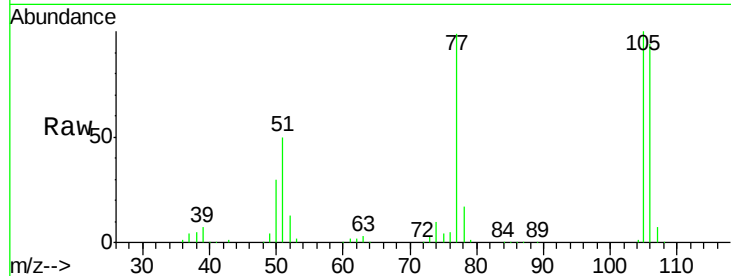




#9
Benzaldehyde
Concen: 22.64 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

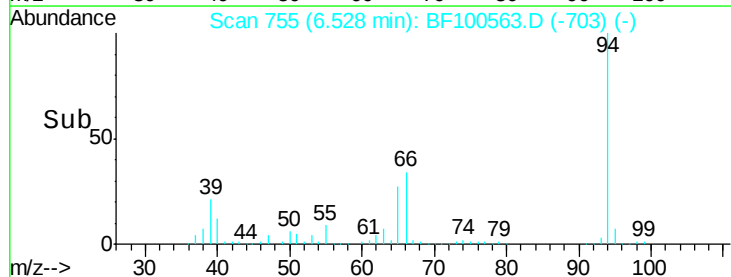
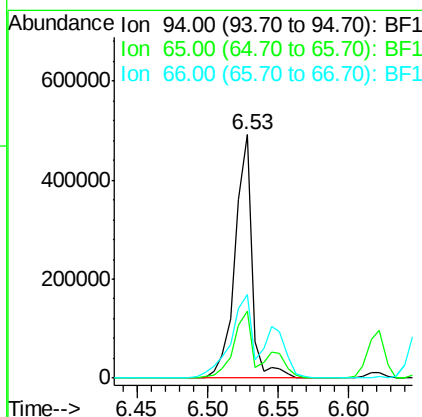
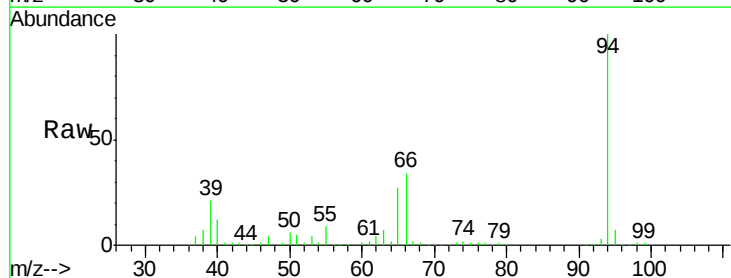
Instrument :
BNA_F
ClientSampleId :
PB104235BS

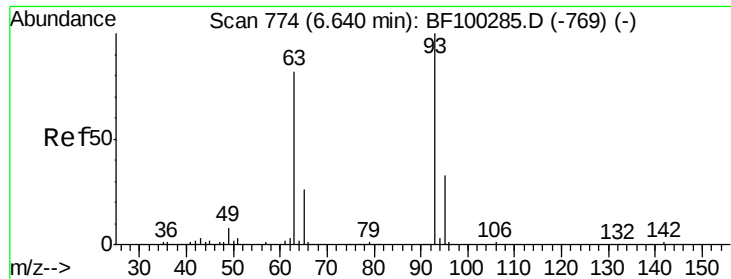
Tgt Ion: 77 Resp: 143193
Ion Ratio Lower Upper
77 100
105 101.3 81.1 121.1
106 95.5 74.5 114.5



#10
Phenol
Concen: 44.52 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion: 94 Resp: 413904
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 34.2 16.2 56.2

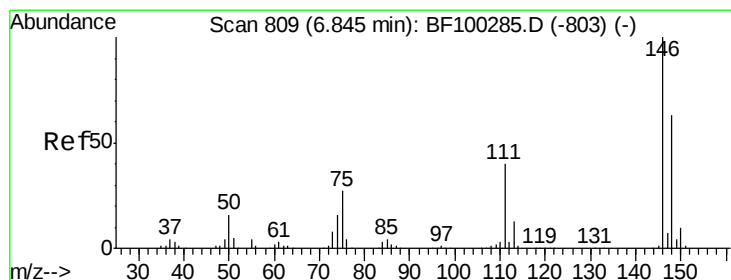
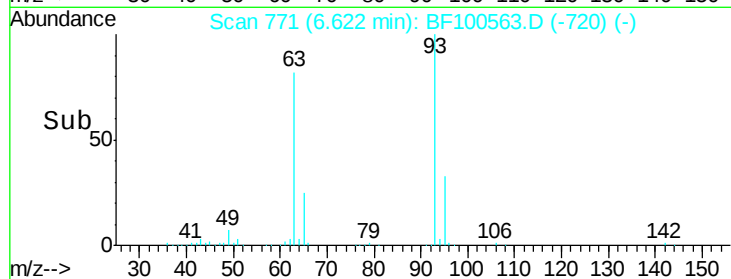
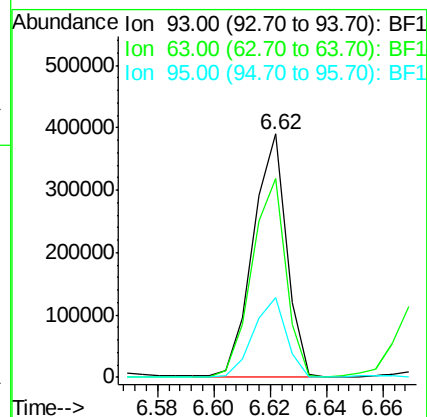
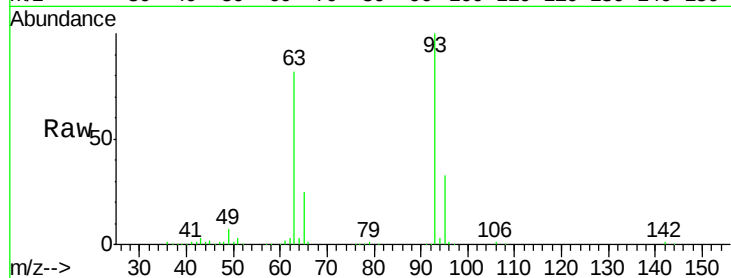




#11
bis(2-Chloroethyl)ether
Concen: 41.13 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

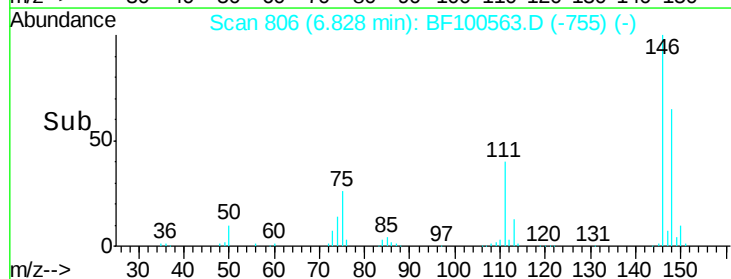
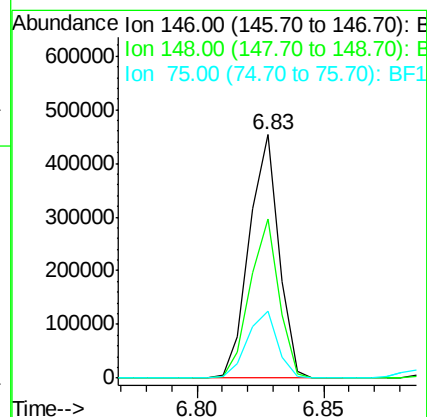
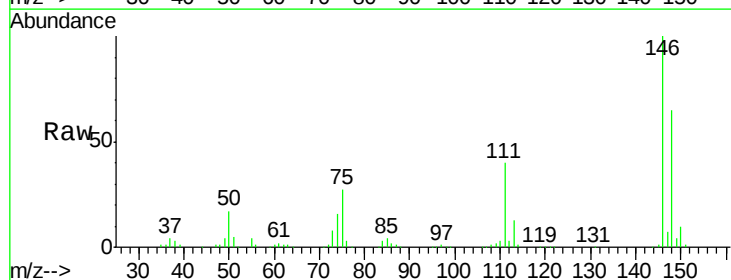
Instrument :
BNA_F
ClientSampleId :
PB104235BS

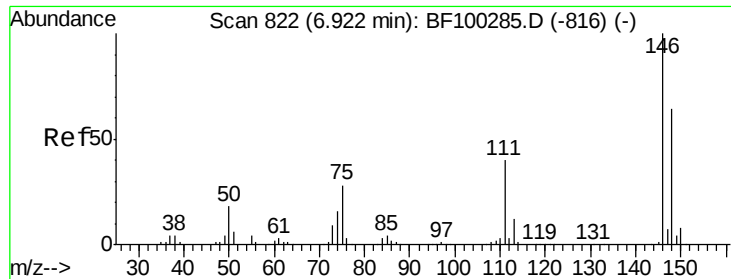
Tgt Ion: 93 Resp: 321145
Ion Ratio Lower Upper
93 100
63 81.5 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.06 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion: 146 Resp: 368413
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 27.3 24.2 36.4

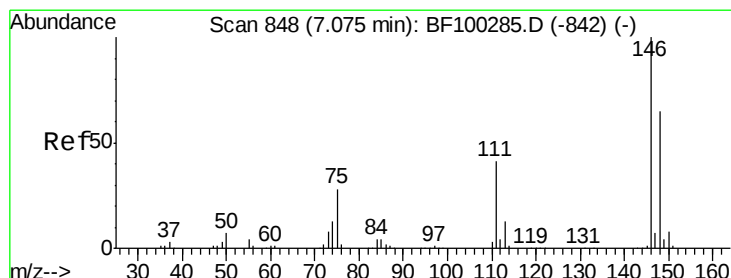
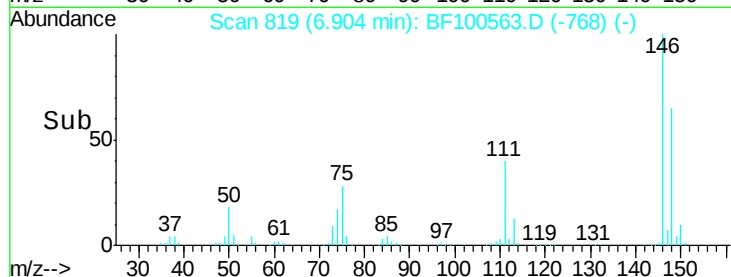
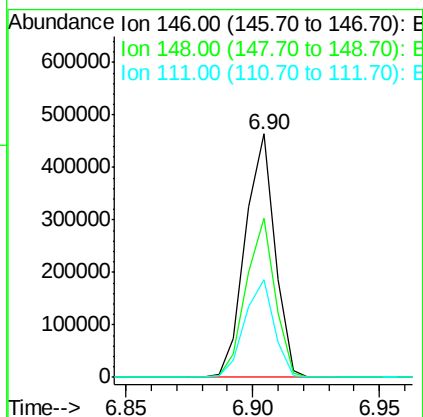
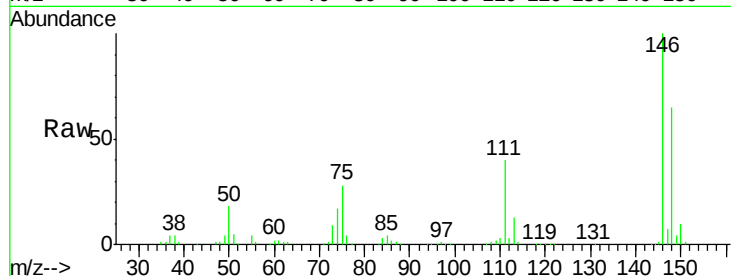




#13
 1,4-Dichlorobenzene
 Concen: 42.52 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

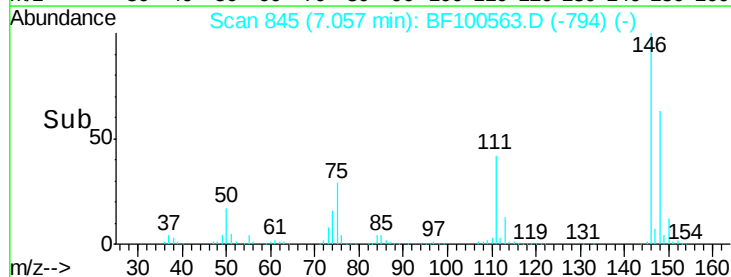
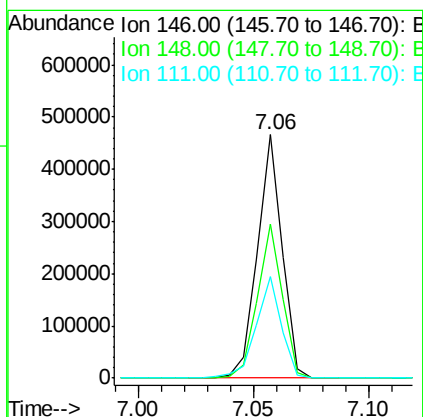
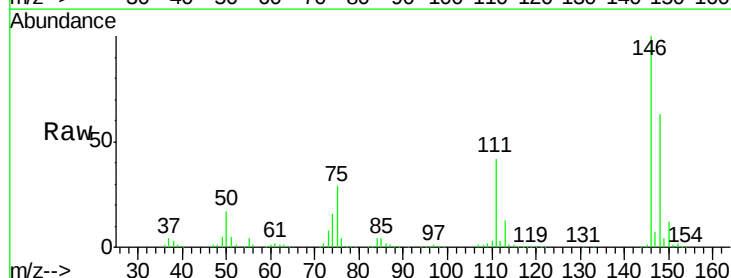
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

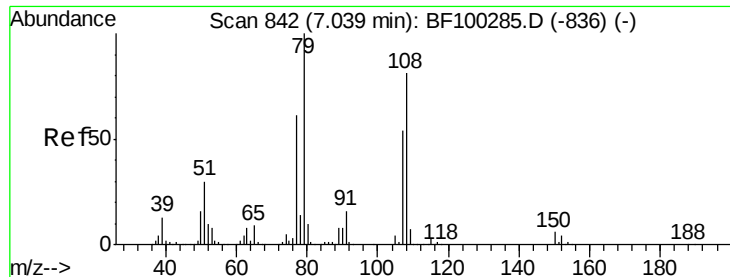
Tgt Ion:146 Resp: 376939
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.51 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:146 Resp: 348437
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 41.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.69 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

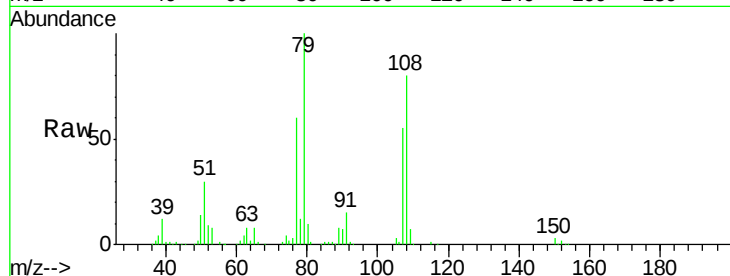
Tgt Ion: 79 Resp: 281238

Ion Ratio Lower Upper

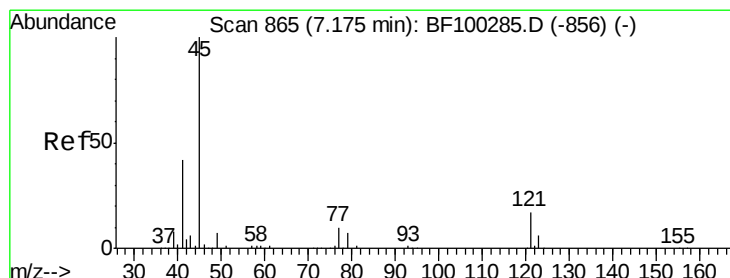
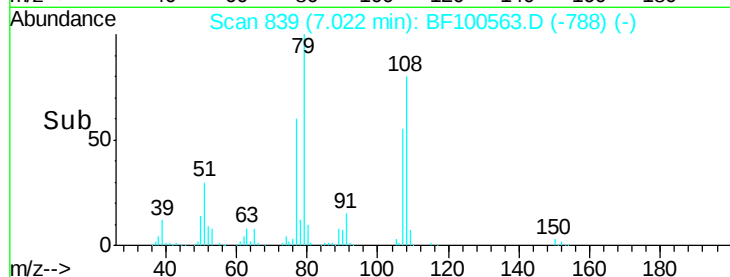
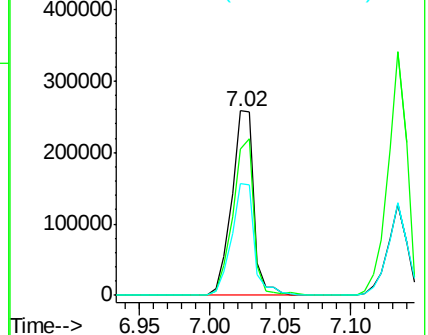
79 100

108 79.7 65.1 97.7

77 60.3 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.09 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

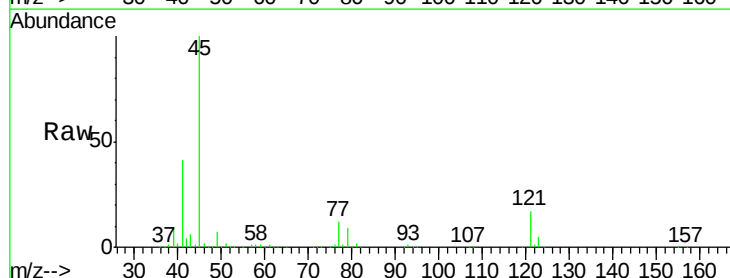
Tgt Ion: 45 Resp: 575583

Ion Ratio Lower Upper

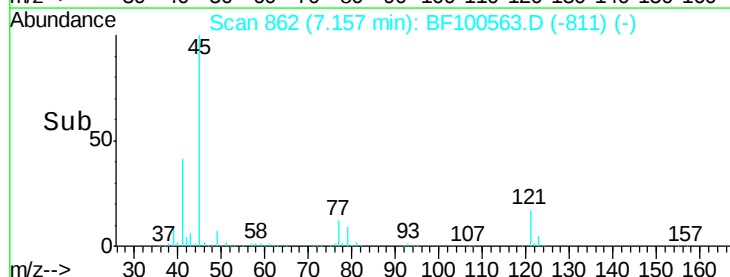
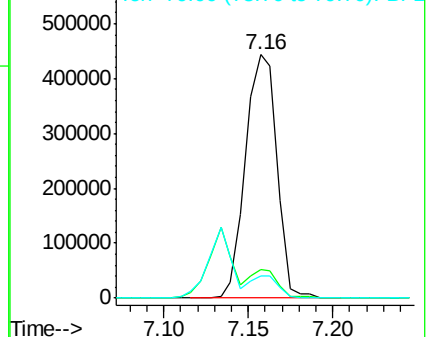
45 100

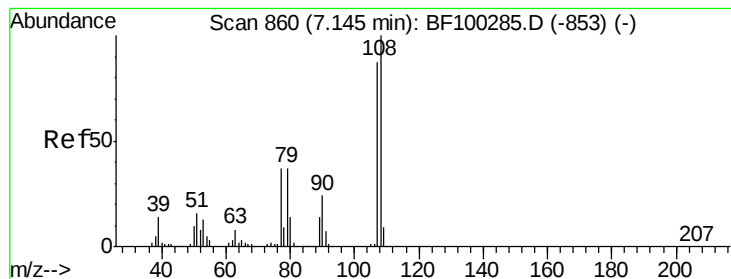
77 11.7 0.0 32.9

79 9.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.45 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

Tgt Ion:107 Resp: 282082

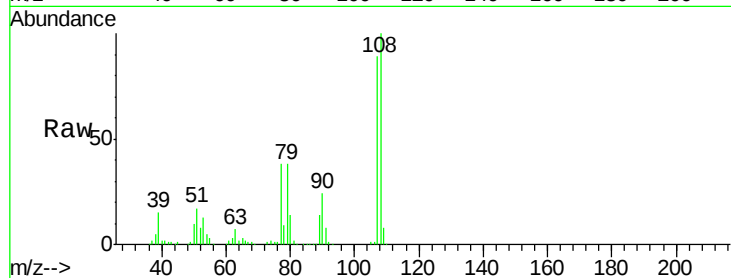
Ion Ratio Lower Upper

107 100

108 112.8 91.7 137.5

77 42.6 33.8 50.8

79 42.5 33.8 50.8

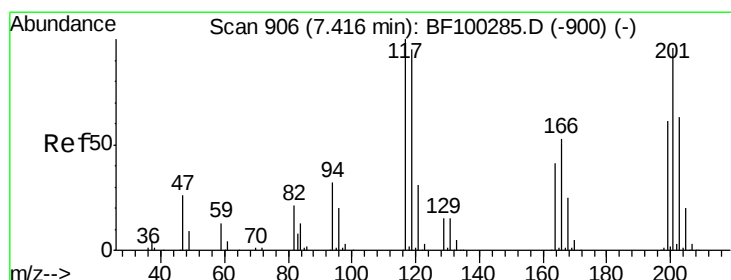
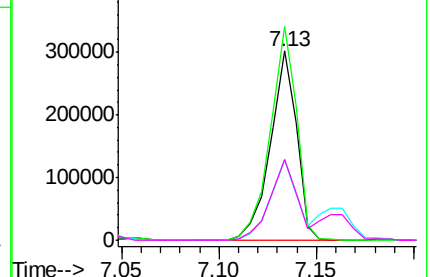
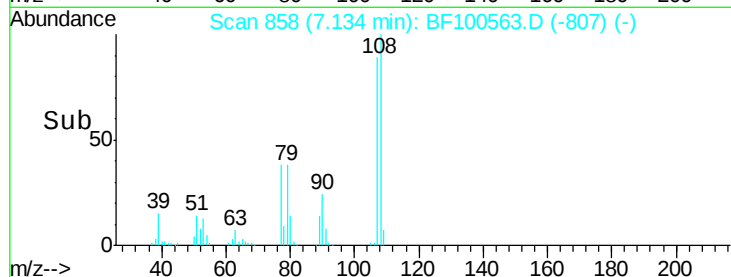


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.69 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

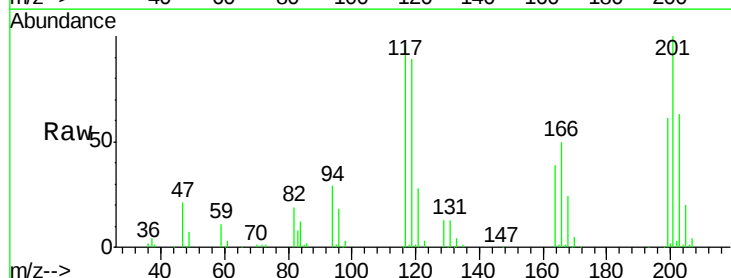
Tgt Ion:117 Resp: 104325

Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.8

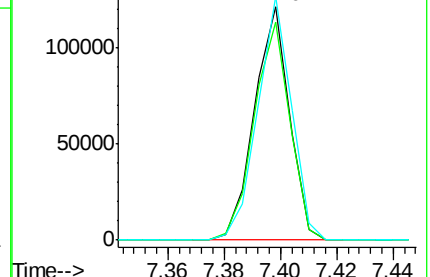
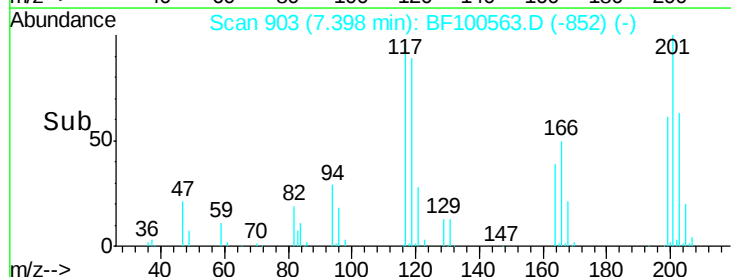
201 104.2 75.7 113.5

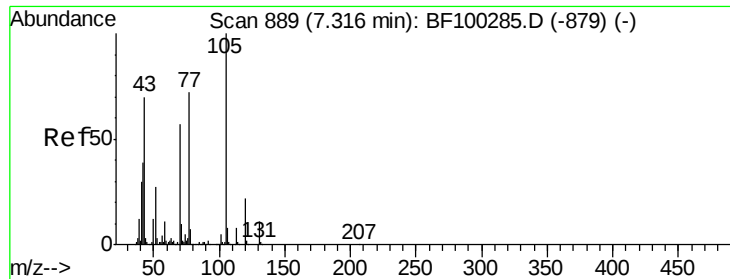


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

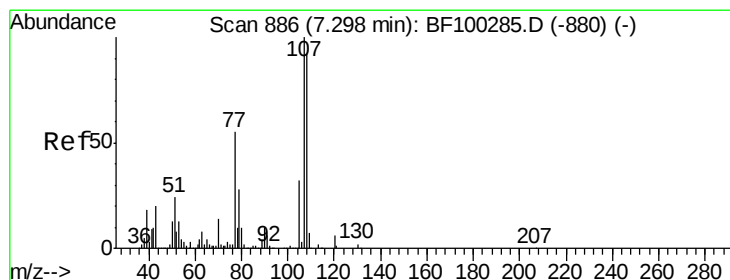
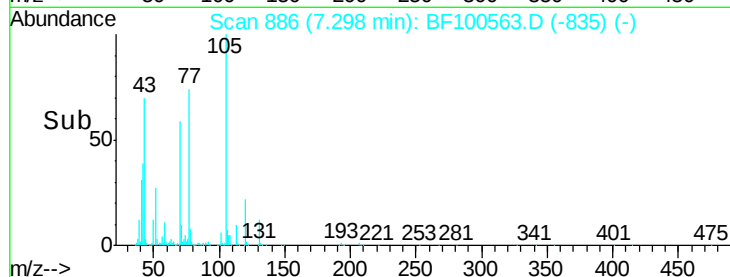
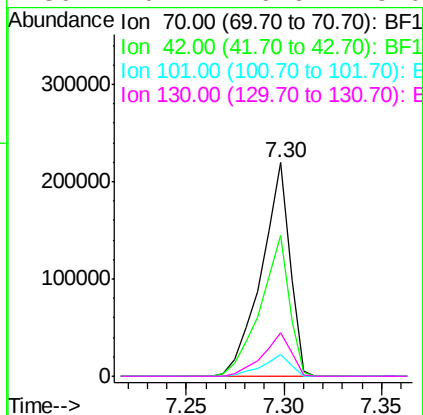
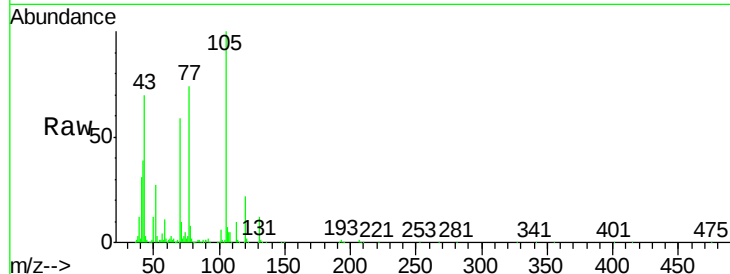




#19
n-Nitroso-di-n-propylamine
Concen: 36.13 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

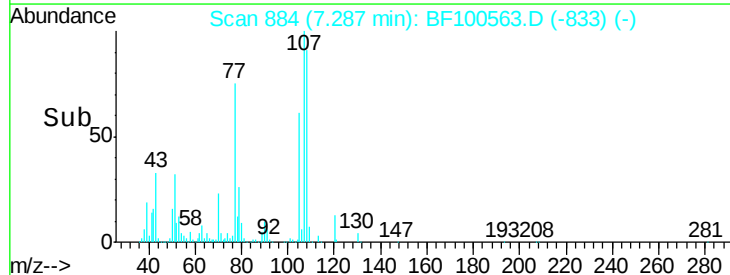
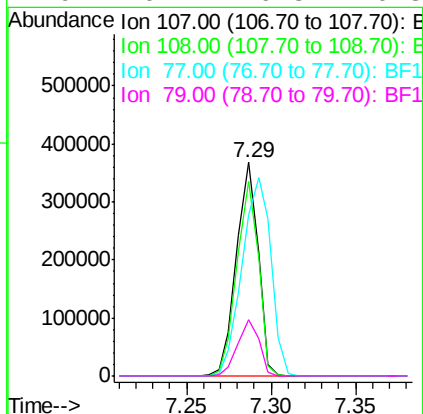
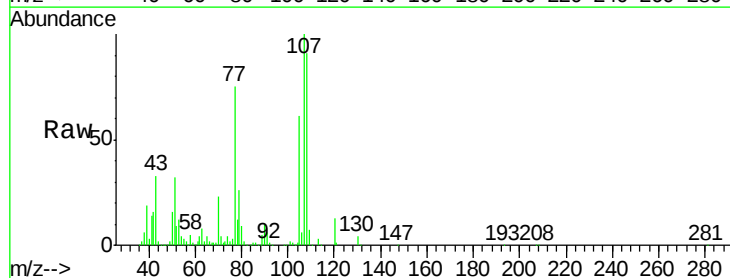
Instrument :
BNA_F
ClientSampleId :
PB104235BS

Tgt Ion:	70	Resp:	221892
Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	10.0	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.17 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:	107	Resp:	330065
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	75.4	26.7	66.7#
79	26.4	6.3	46.3

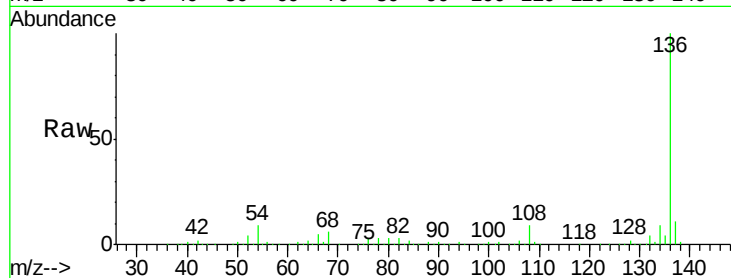




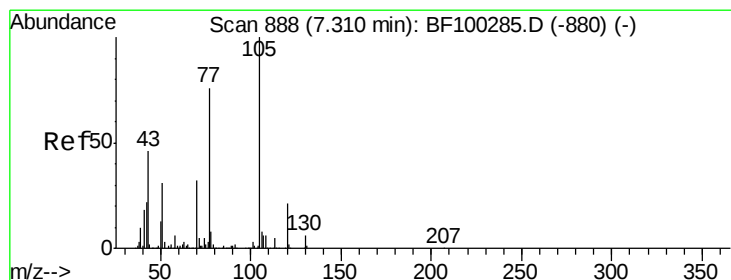
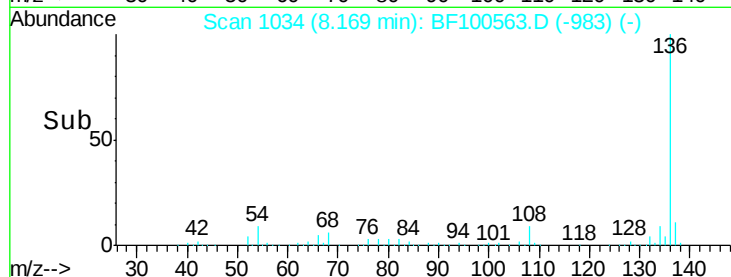
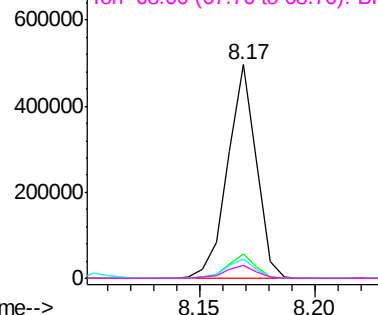
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :
PB104235BS

Tgt Ion:	136	Resp:	427522
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

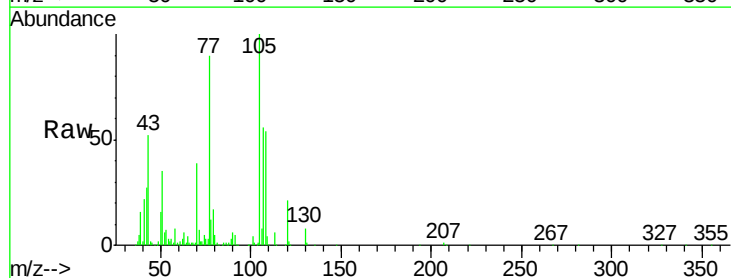


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

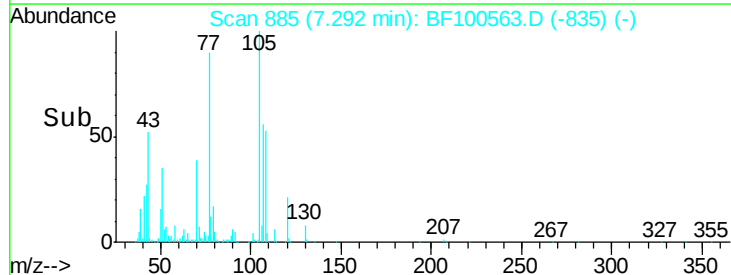
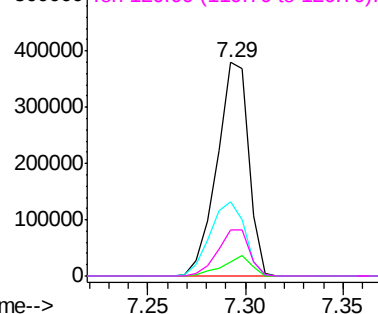


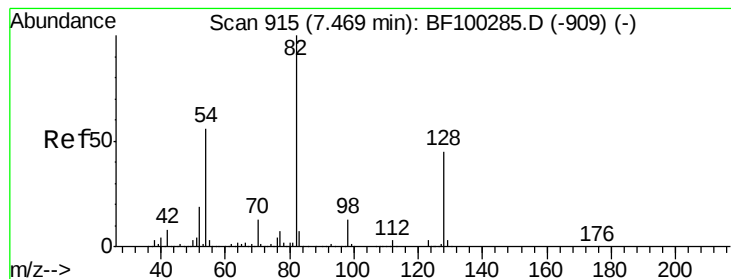
#22
Acetophenone
Concen: 41.03 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:	105	Resp:	427711
Ion Ratio	Lower	Upper	
105	100		
71	6.8	4.4	6.6#
51	34.7	22.3	33.5#
120	21.3	16.9	25.3



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





#23

Nitrobenzene-d5

Concen: 98.64 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

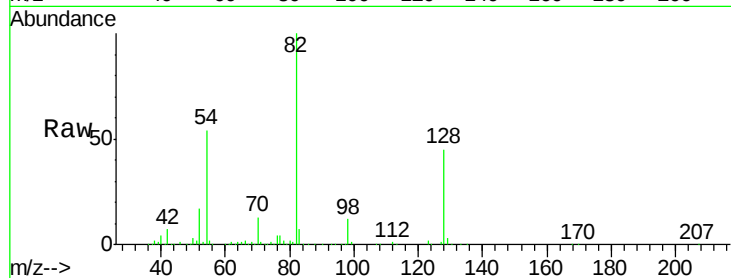
Tgt Ion: 82 Resp: 637857

Ion Ratio Lower Upper

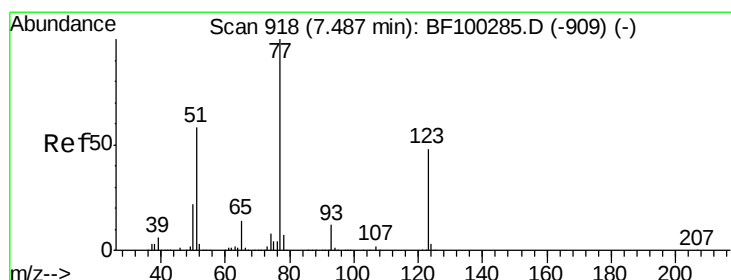
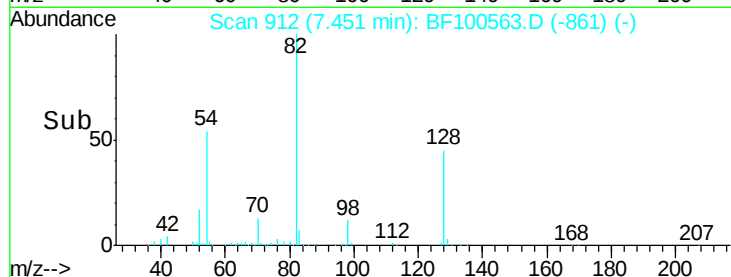
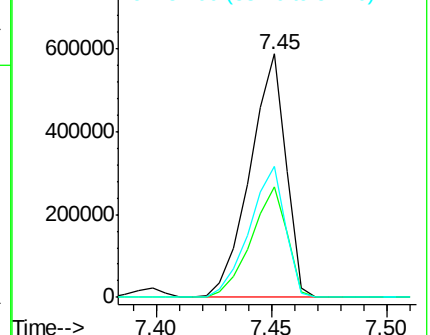
82 100

128 45.3 36.1 54.1

54 54.0 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: 51.43 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

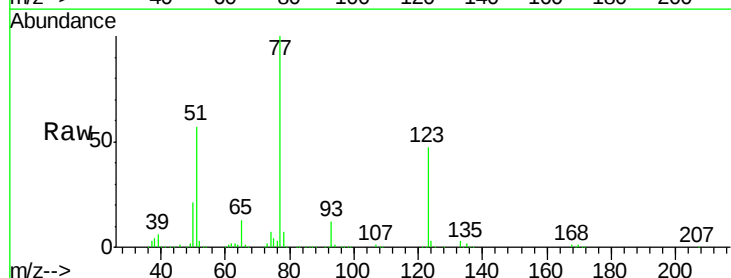
Tgt Ion: 77 Resp: 342267

Ion Ratio Lower Upper

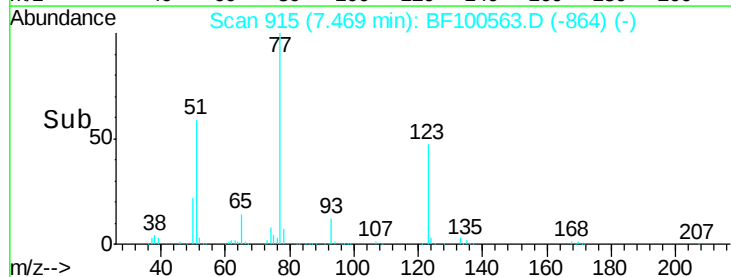
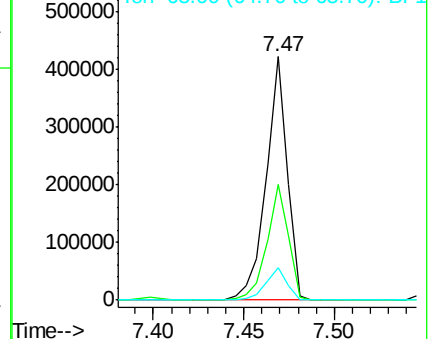
77 100

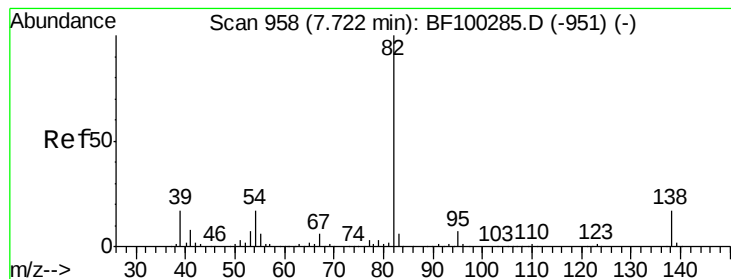
123 47.2 37.9 56.9

65 13.5 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: 46.01 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

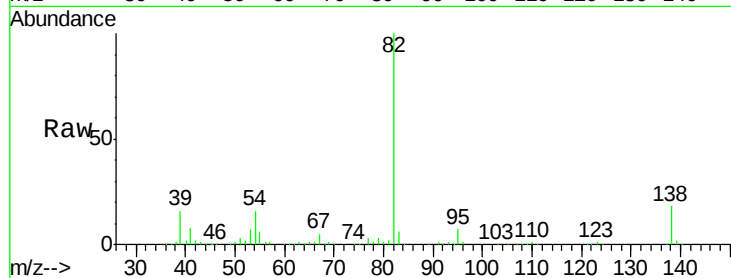
Tgt Ion: 82 Resp: 625244

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

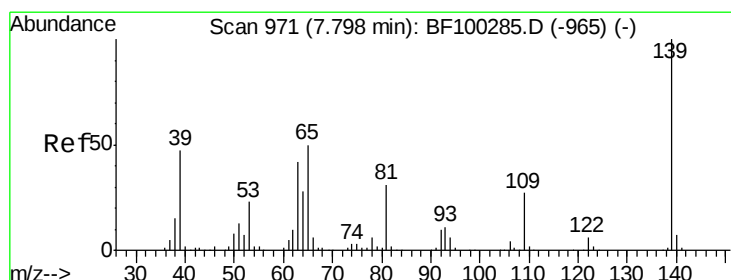
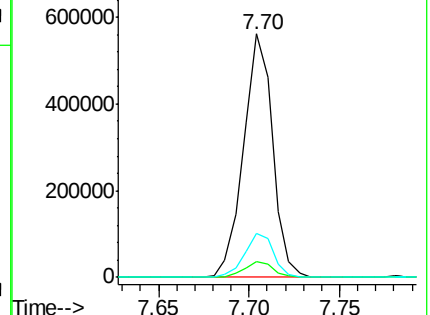
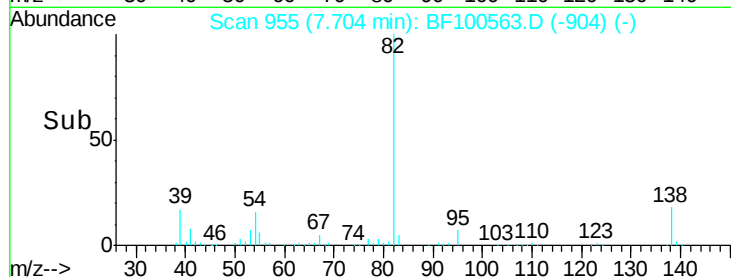
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.28 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

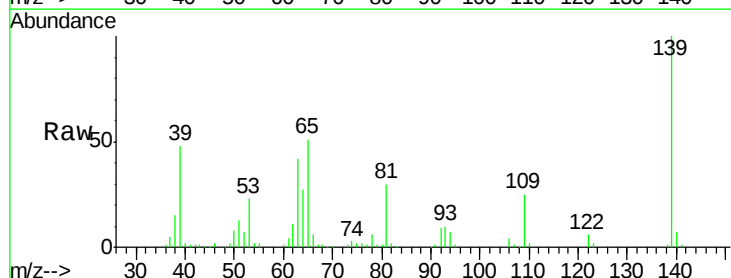
Tgt Ion: 139 Resp: 154269

Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

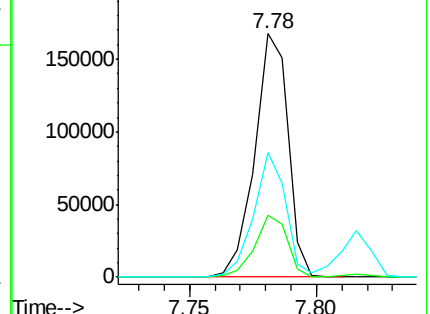
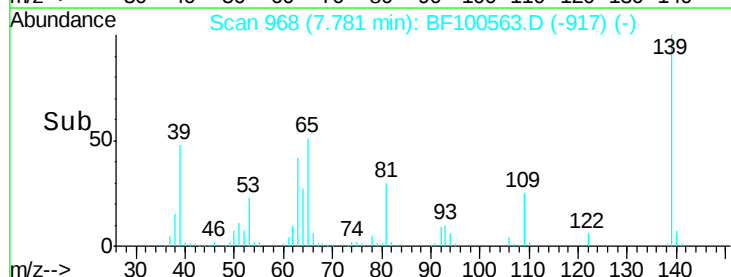
65 51.2 40.5 60.7

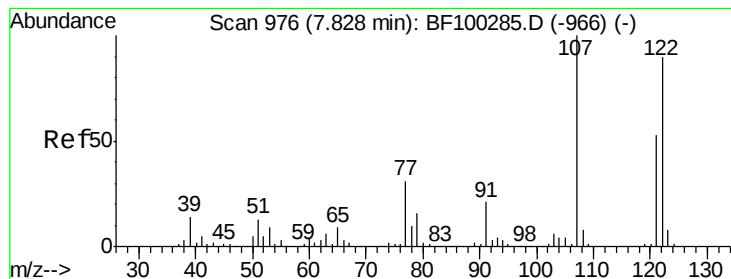


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.70 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

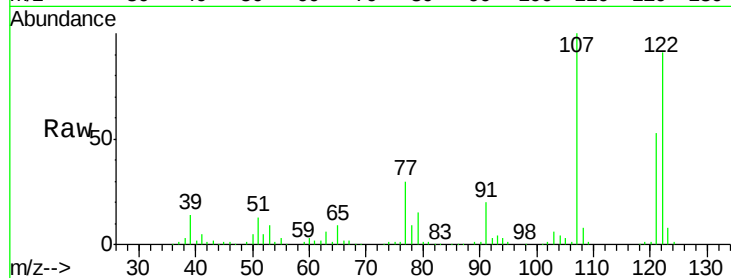
Tgt Ion: 122 Resp: 302766

Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

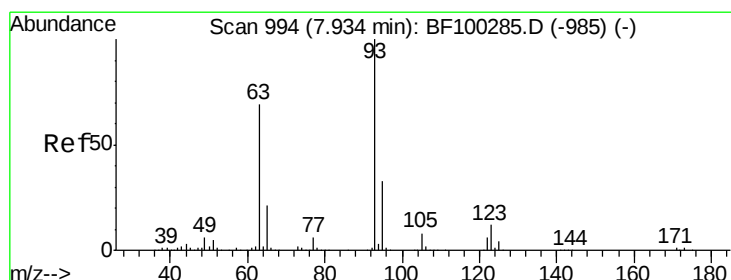
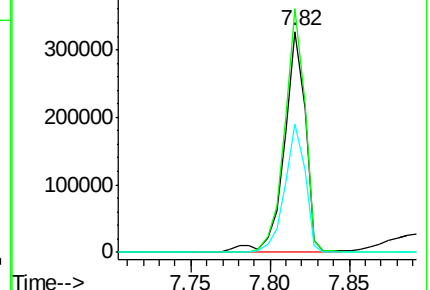
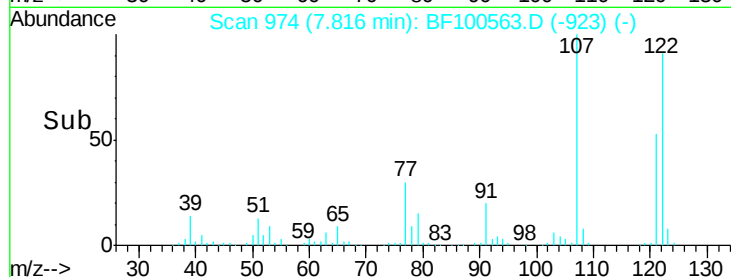
121 57.9 47.2 70.8



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: 44.33 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

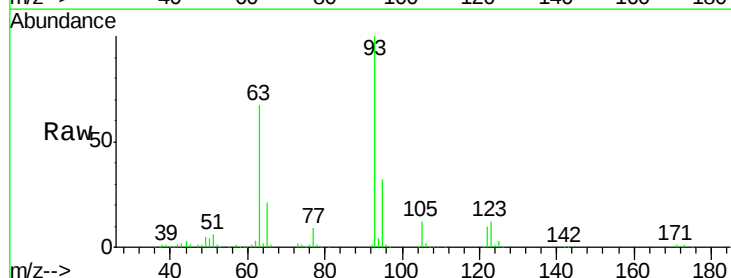
Tgt Ion: 93 Resp: 394010

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

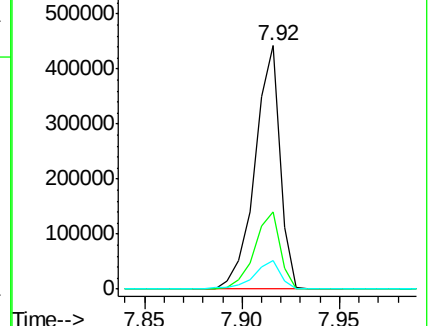
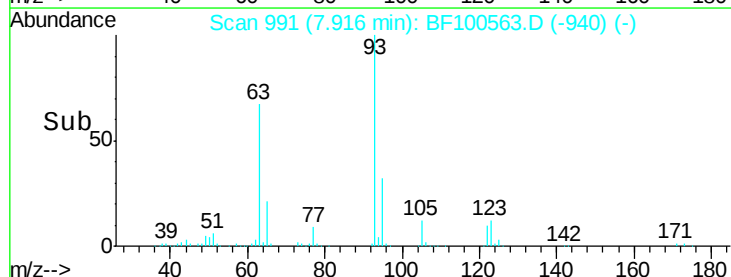
123 11.7 9.8 14.6

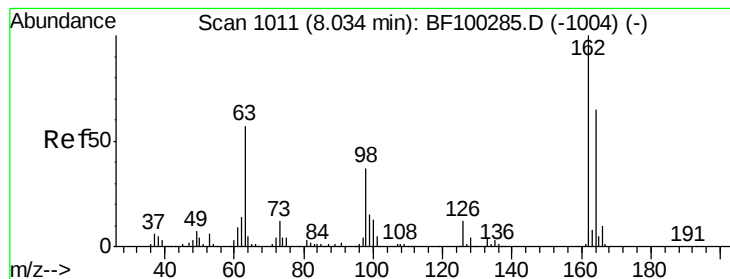


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.97 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

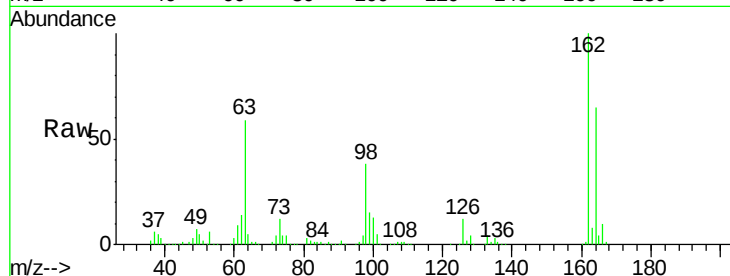
Tgt Ion:162 Resp: 267350

Ion Ratio Lower Upper

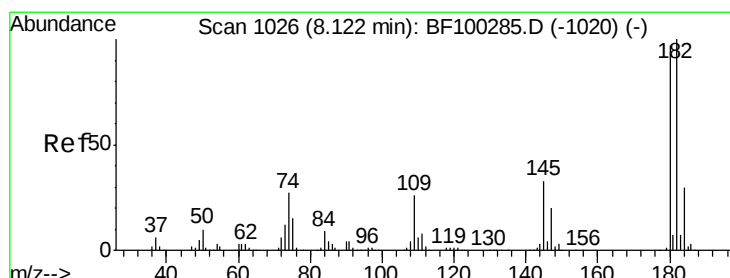
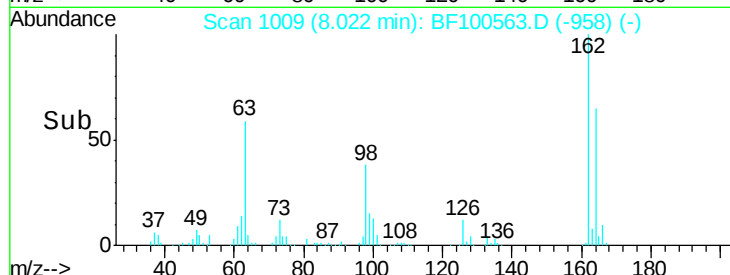
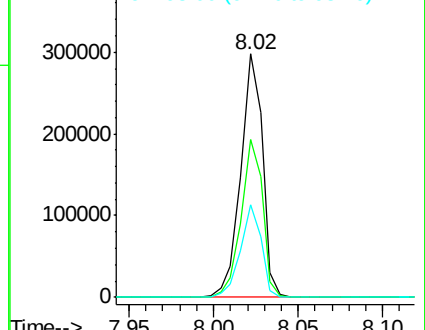
162 100

164 64.8 42.7 82.7

98 38.1 18.1 58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 44.98 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

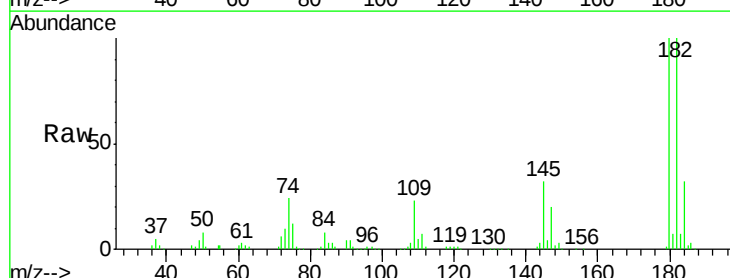
Tgt Ion:180 Resp: 282951

Ion Ratio Lower Upper

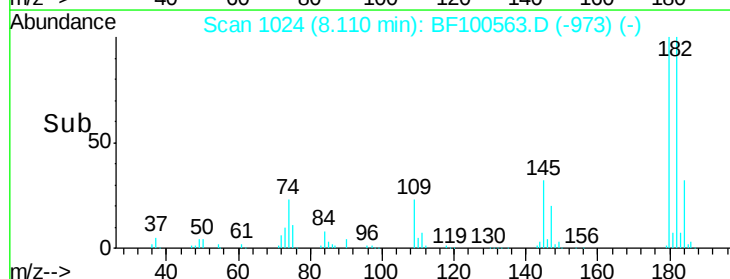
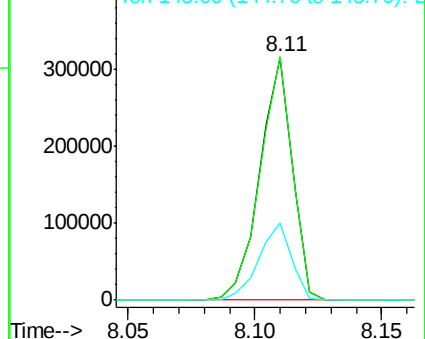
180 100

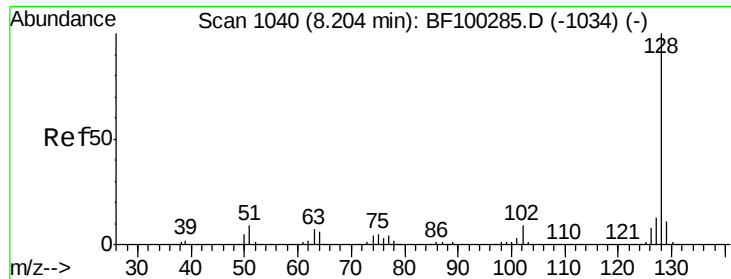
182 100.3 76.8 115.2

145 31.8 26.5 39.7



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

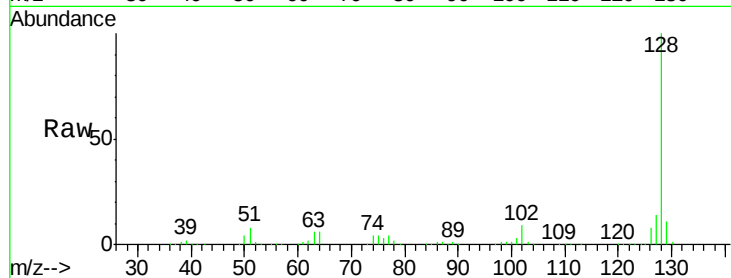




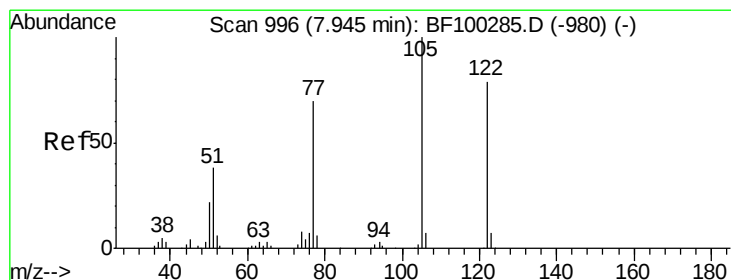
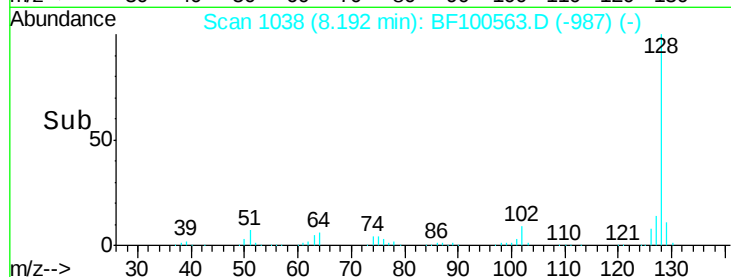
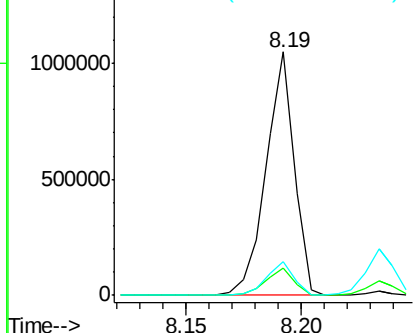
#31
Naphthalene
Concen: 43.22 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :
PB104235BS

Tgt Ion:128 Resp: 890043
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.7 10.9 16.3

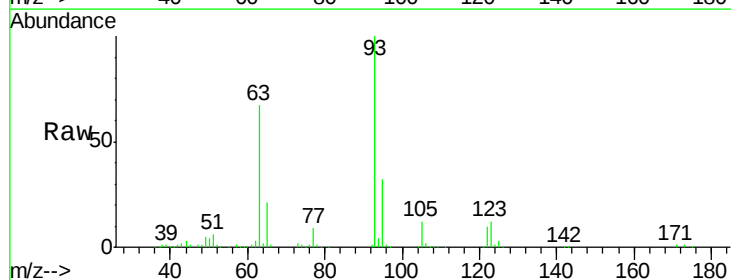


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

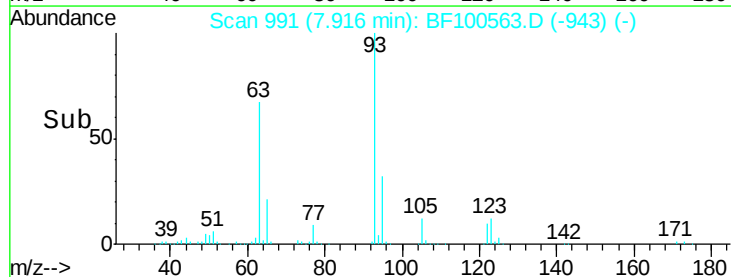
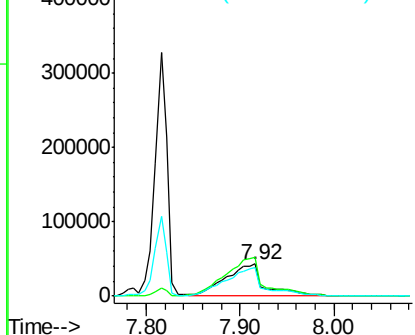


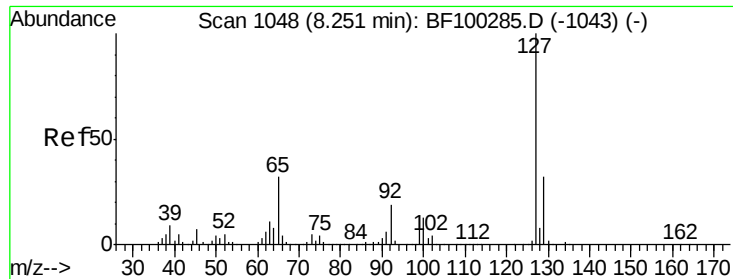
#32
Benzoic acid
Concen: 30.30 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:122 Resp: 121311
Ion Ratio Lower Upper
122 100
105 118.4 101.1 141.1
77 88.2 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

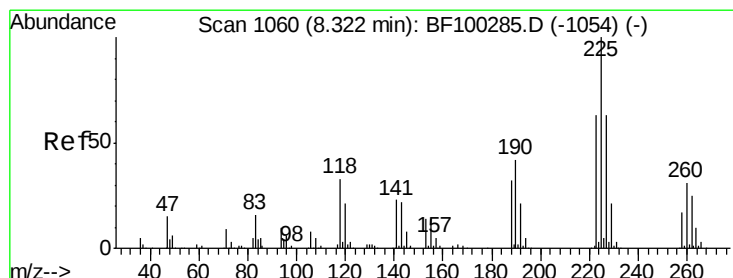
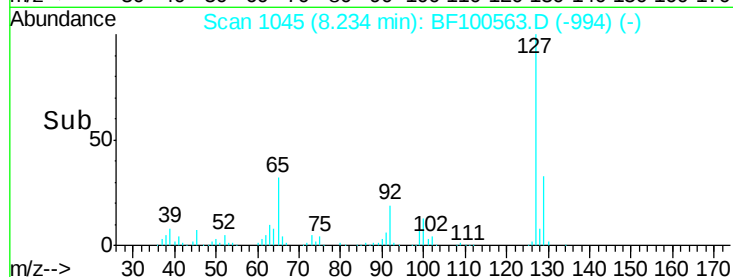
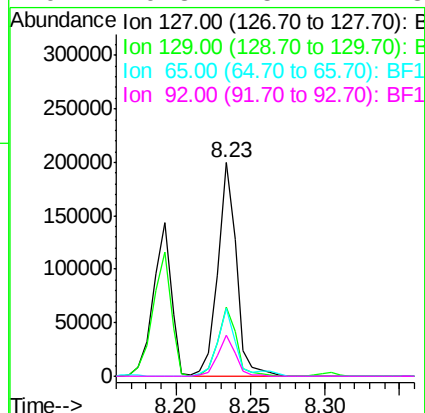
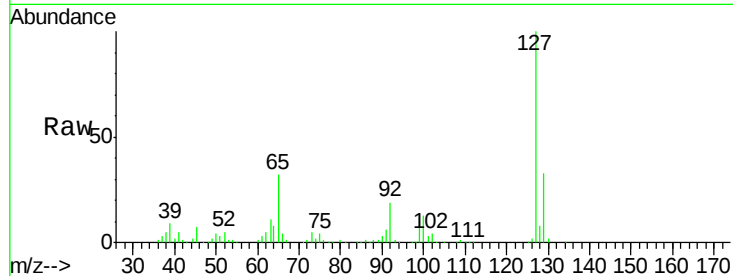




#33
4-Chloroaniline
Concen: 20.31 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

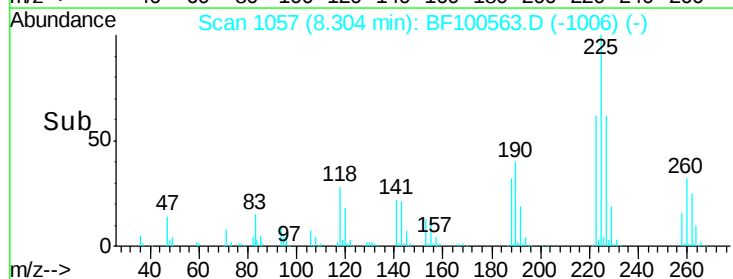
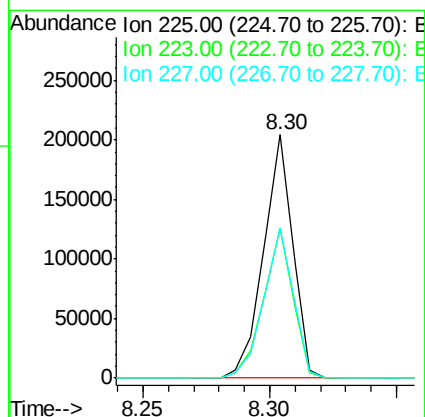
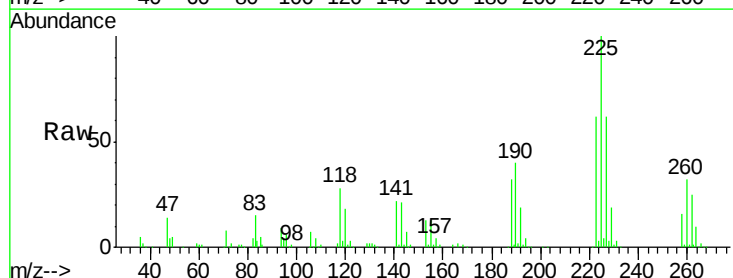
Instrument :
BNA_F
ClientSampleId :
PB104235BS

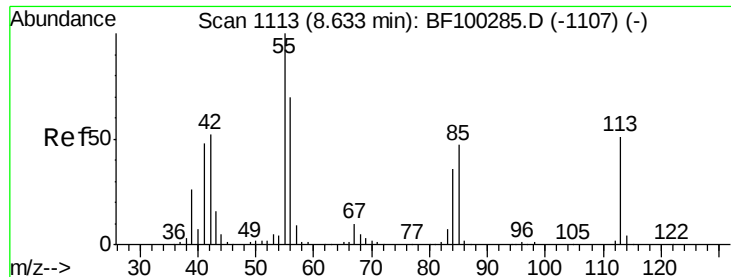
Tgt Ion:	127	Resp:	174081
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.0	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.33 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:	225	Resp:	165817
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	61.9	51.9	77.9

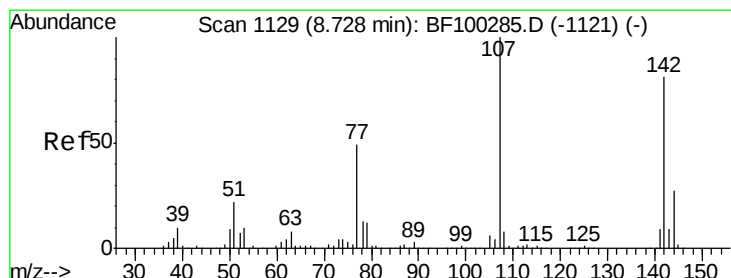
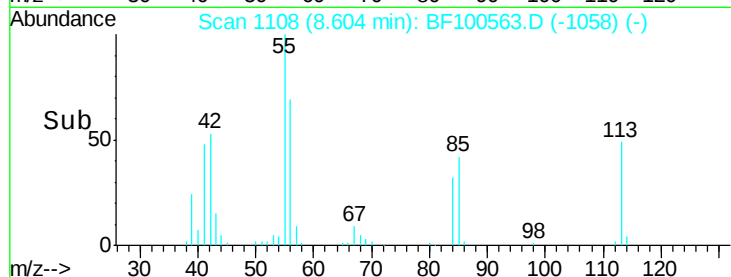
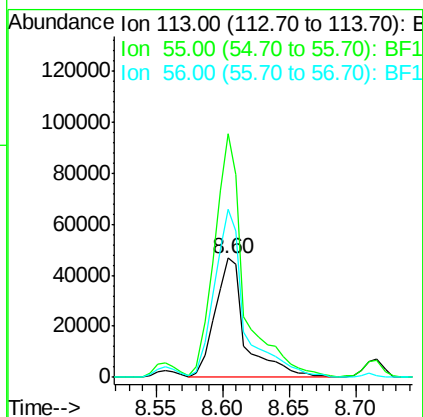
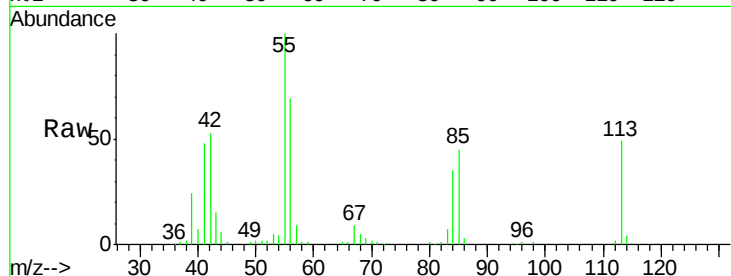




#35
 Caprolactam
 Concen: 37.52 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

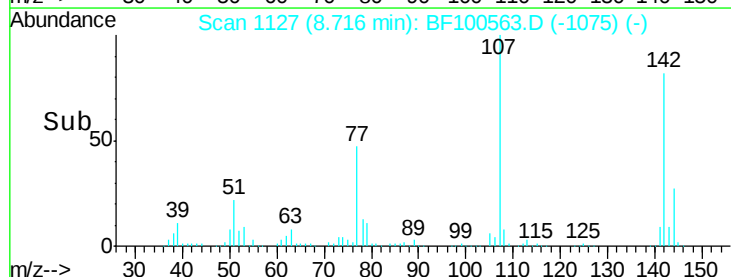
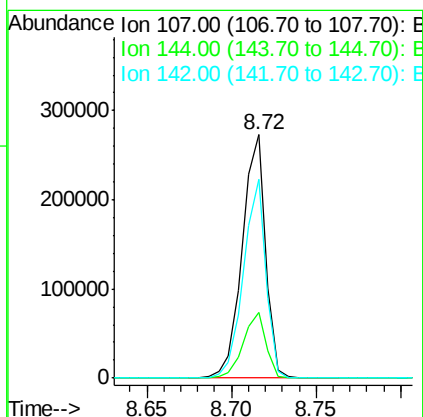
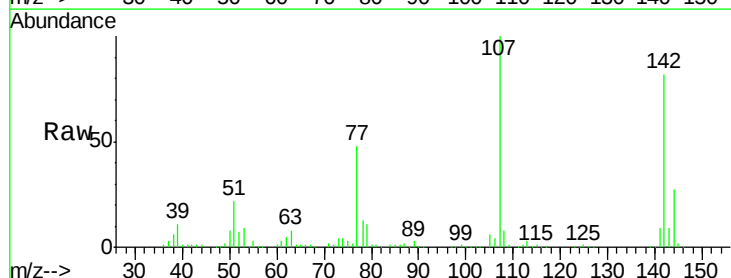
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

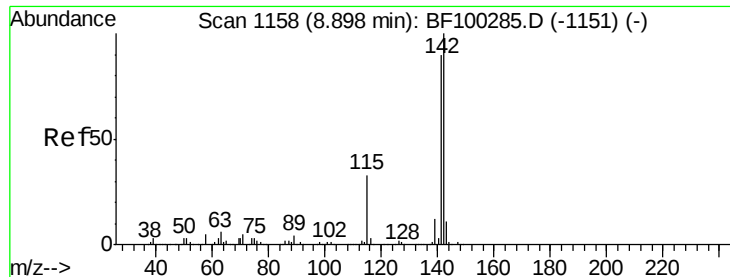
Tgt Ion:113 Resp: 74887
 Ion Ratio Lower Upper
 113 100
 55 204.8 163.3 203.3#
 56 141.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.15 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:107 Resp: 263255
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 81.7 62.0 93.0

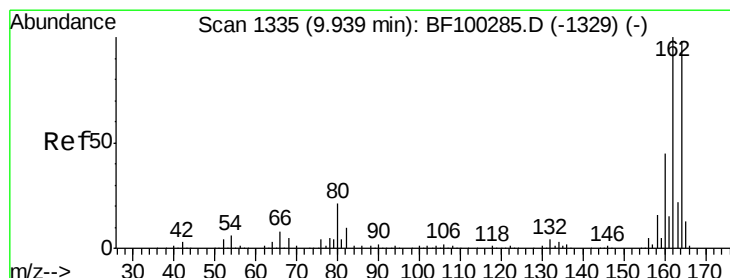
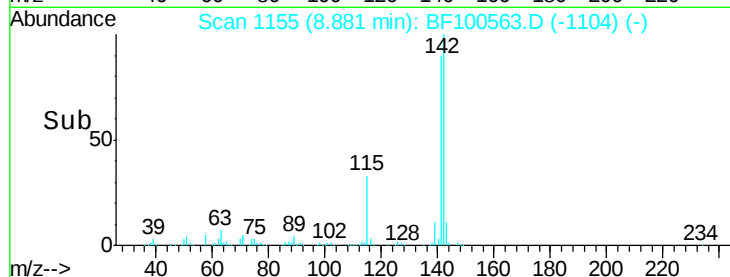
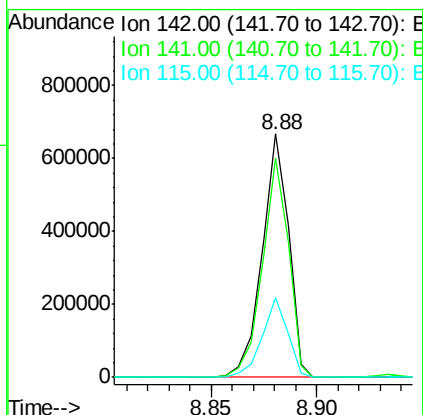
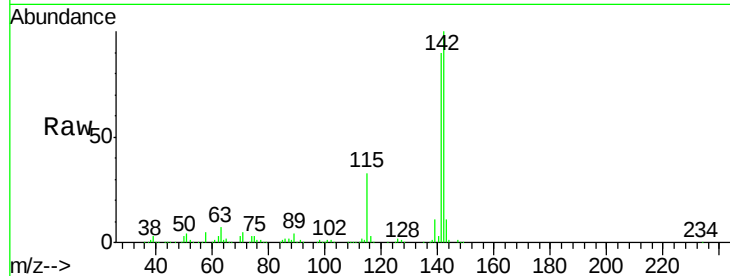




#37
 2-Methylnaphthalene
 Concen: 42.65 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

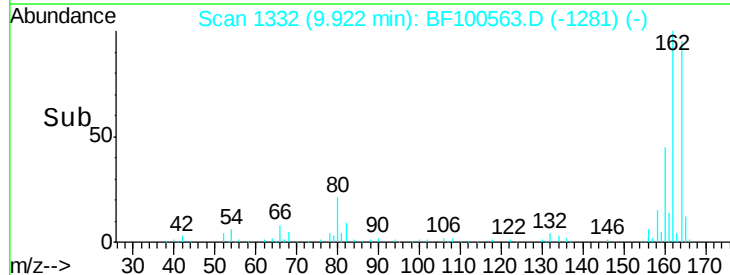
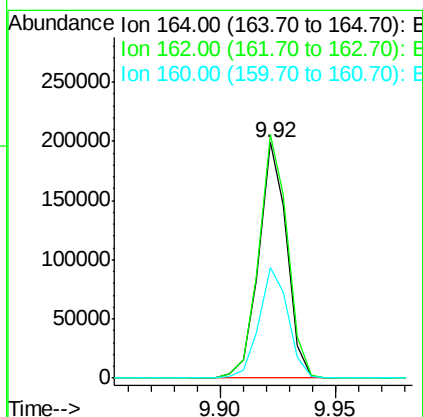
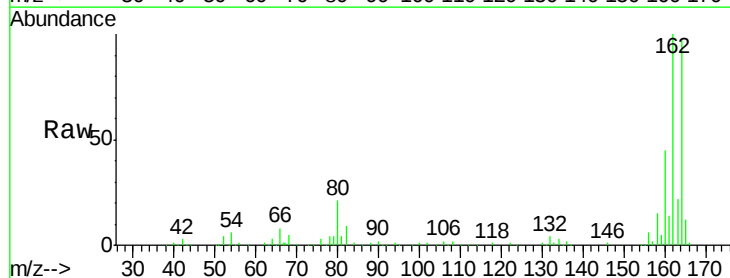
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

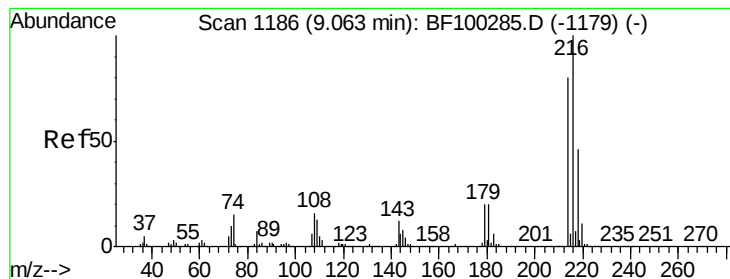
Tgt Ion:142 Resp: 583081
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.8 106.2
 115 32.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:164 Resp: 168057
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.22 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

Tgt Ion:216 Resp: 268735

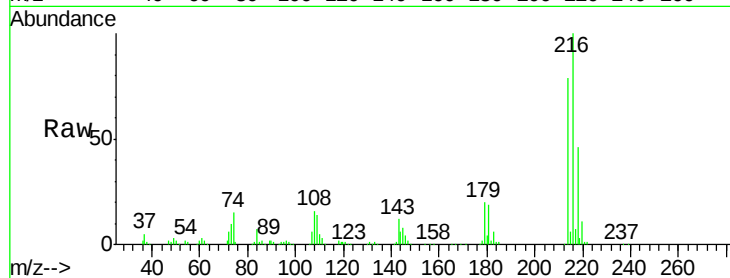
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 19.8 18.1 27.1

108 16.6 17.2 25.8#

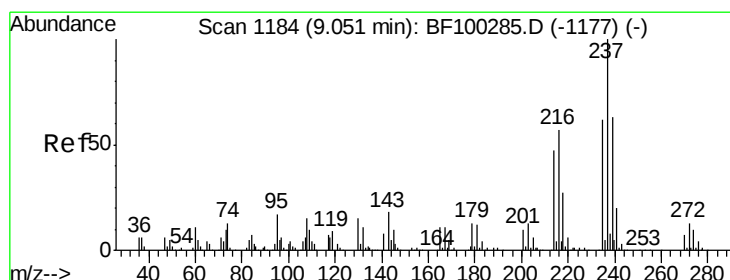
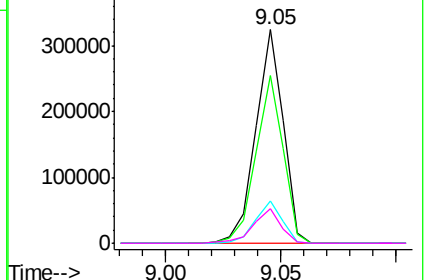
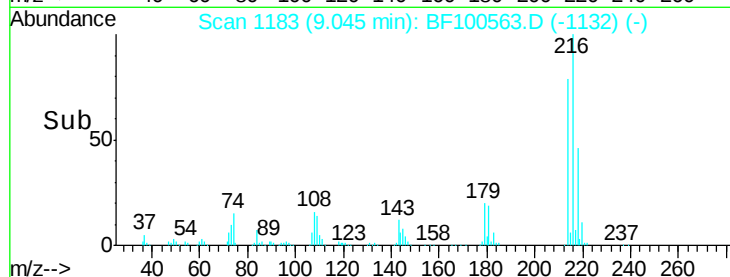


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.10 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

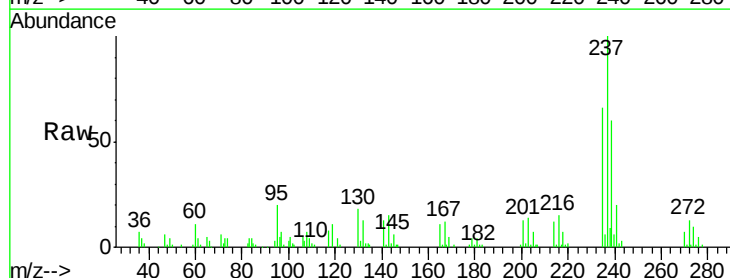
Tgt Ion:237 Resp: 63218

Ion Ratio Lower Upper

237 100

235 65.8 44.8 84.8

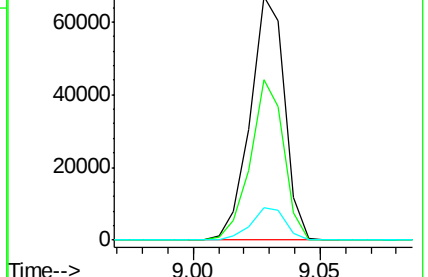
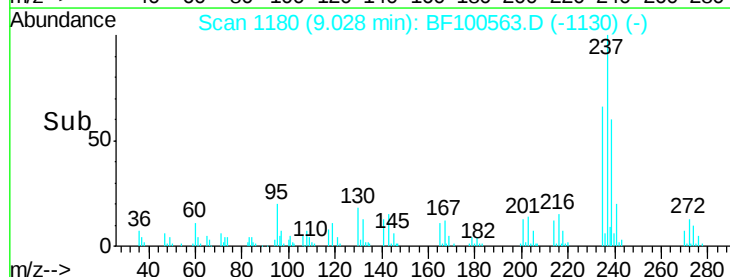
272 13.4 0.0 33.3

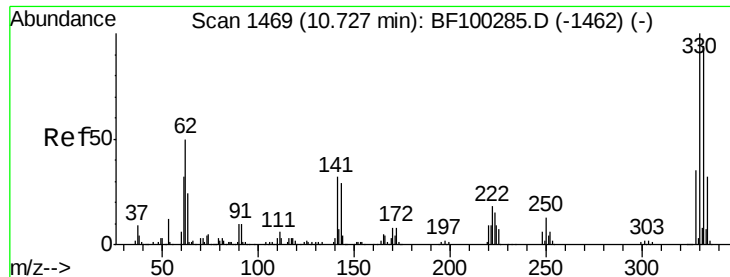


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

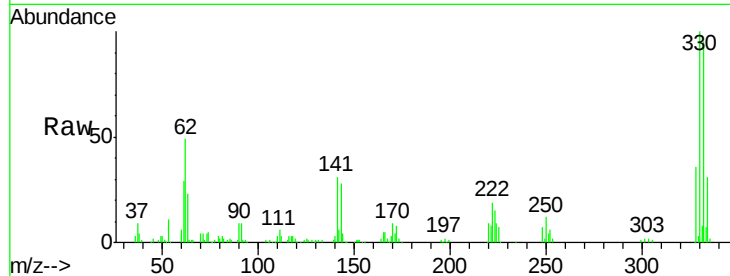




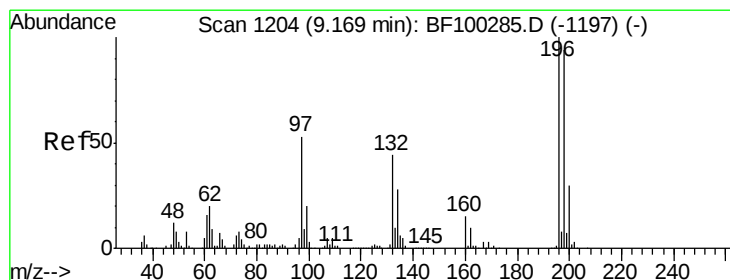
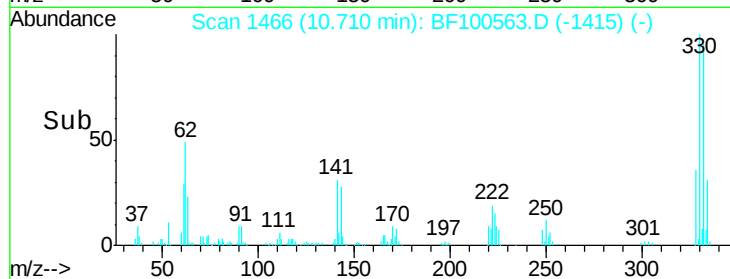
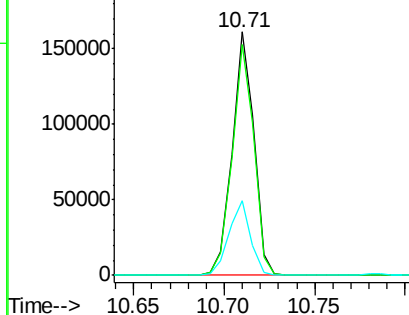
#41
 2,4,6-Tribromophenol
 Concen: 78.66 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion:330 Resp: 134710
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 30.4 29.9 44.9

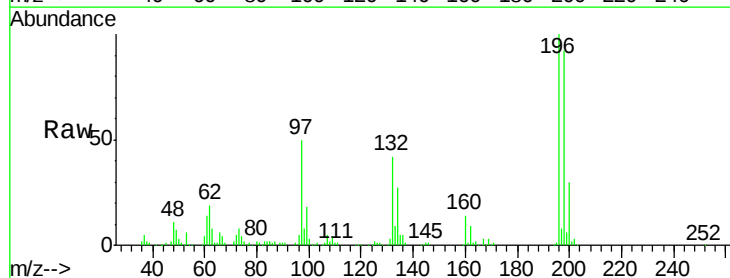


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

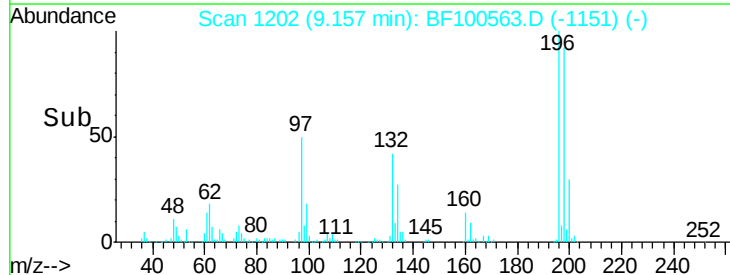
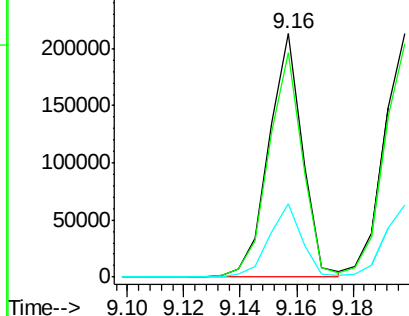


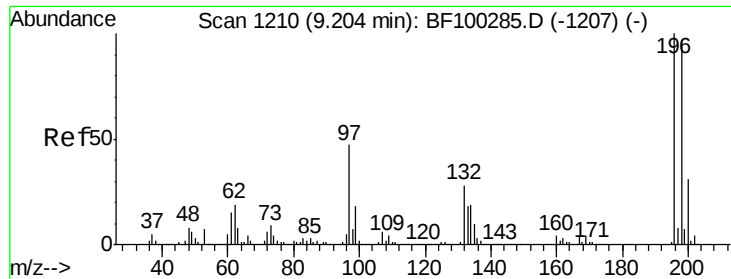
#42
 2,4,6-Trichlorophenol
 Concen: 49.94 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:196 Resp: 176398
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.7 113.5
 200 30.1 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

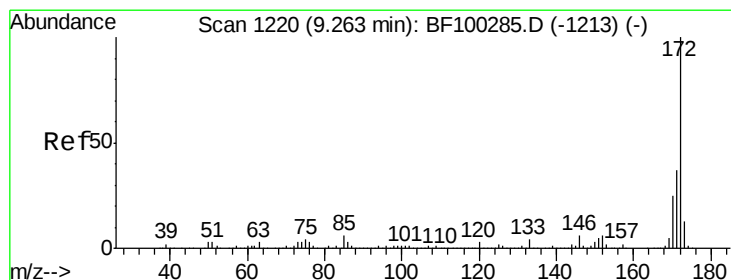
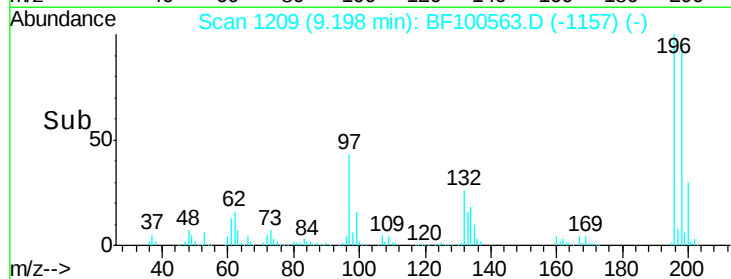
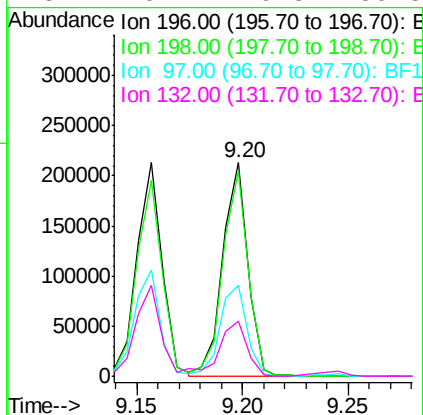
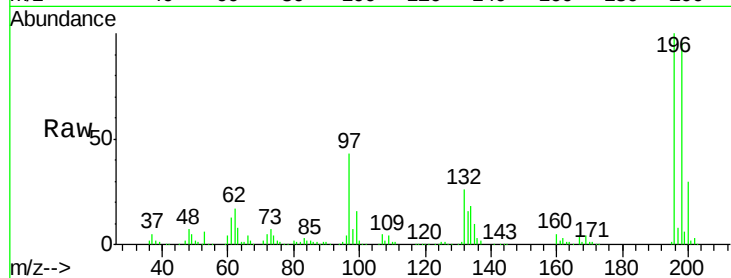




#43
 2,4,5-Trichlorophenol
 Concen: 47.84 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

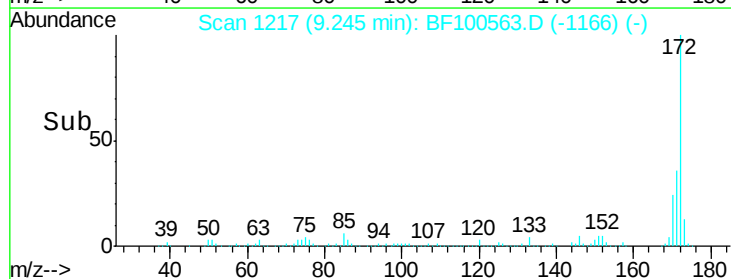
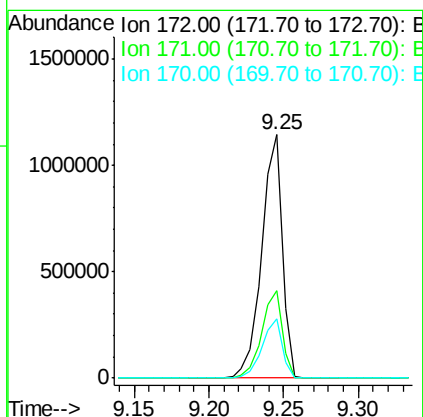
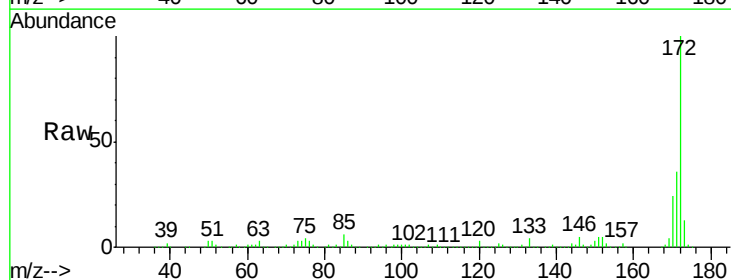
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

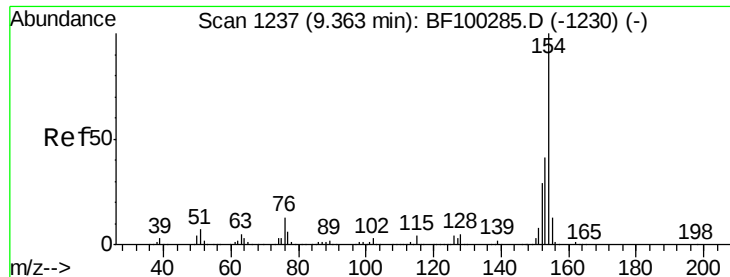
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	42.7	42.9	64.3#
132	26.1	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 97.65 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

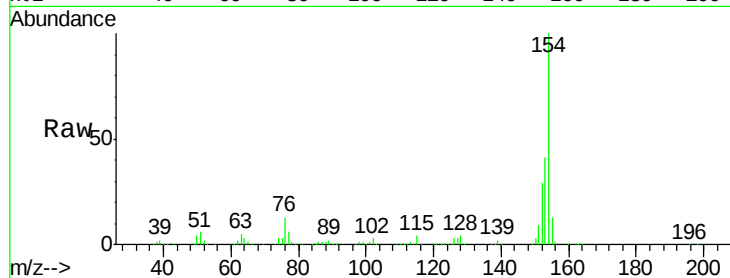




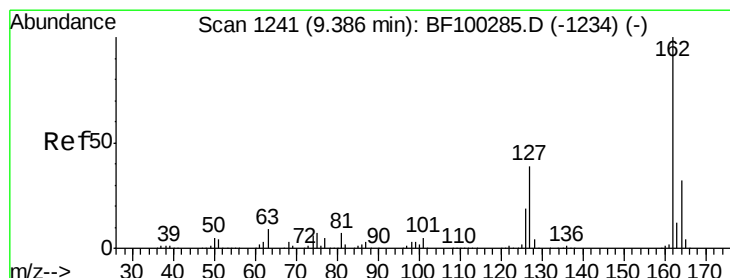
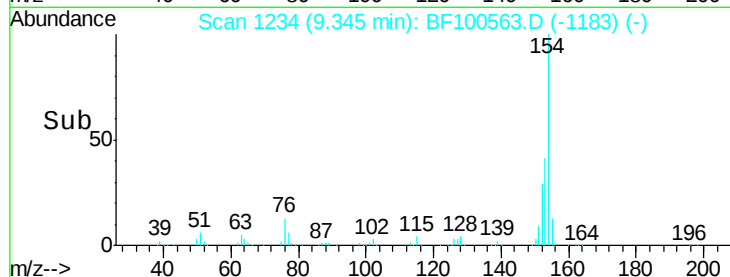
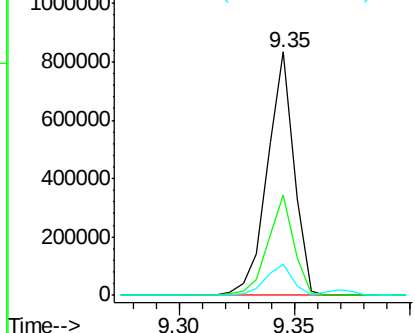
#45
 1,1'-Biphenyl
 Concen: 45.95 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion:154 Resp: 667914
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 12.8 0.0 34.0

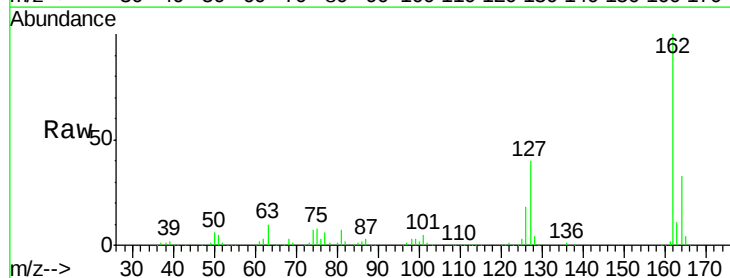


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

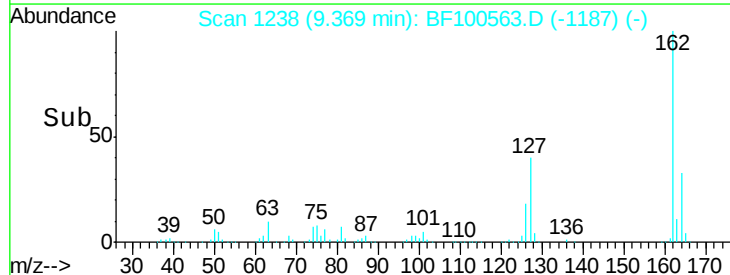
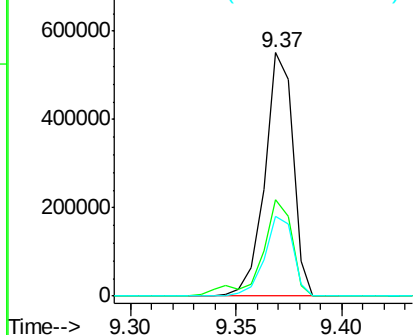


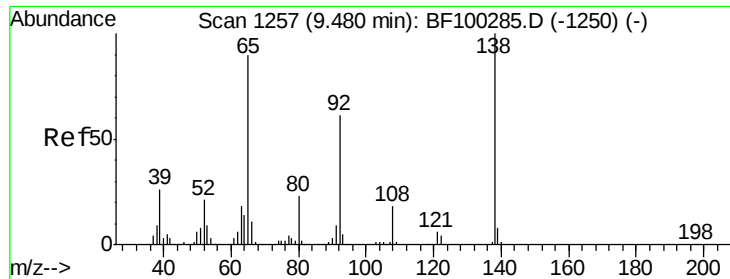
#46
 2-Chloronaphthalene
 Concen: 48.49 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:162 Resp: 511324
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.9 50.9
 164 32.6 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

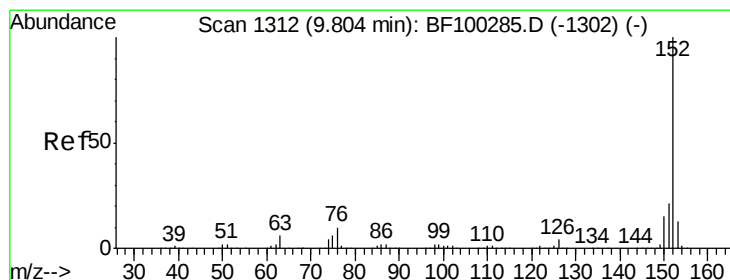
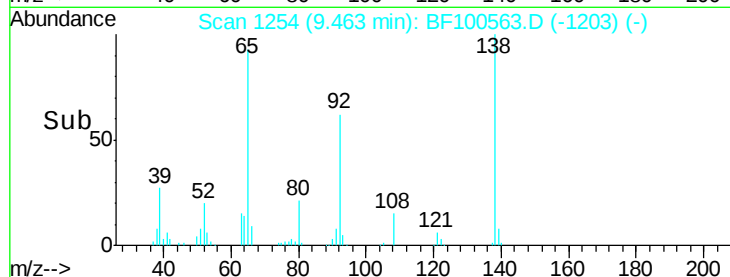
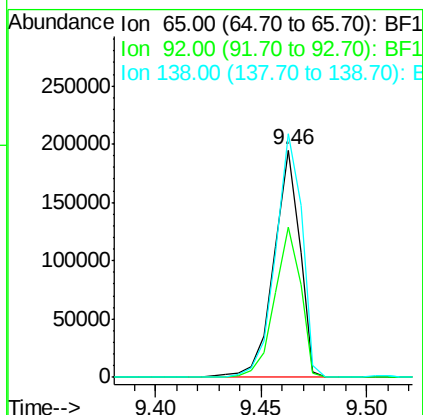
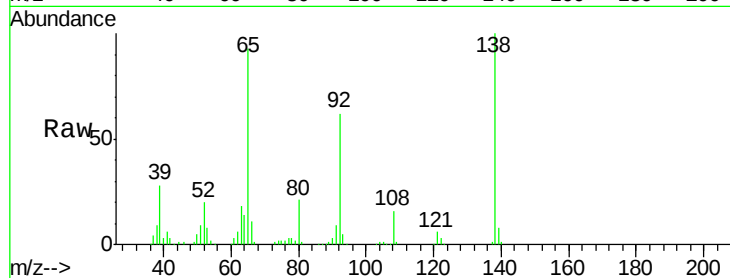




#47
2-Nitroaniline
Concen: 53.04 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

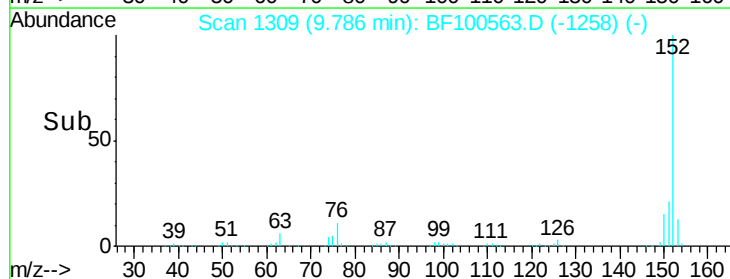
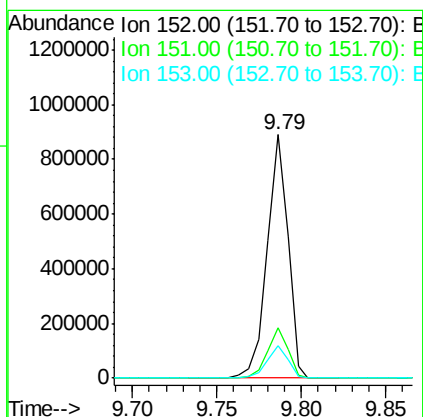
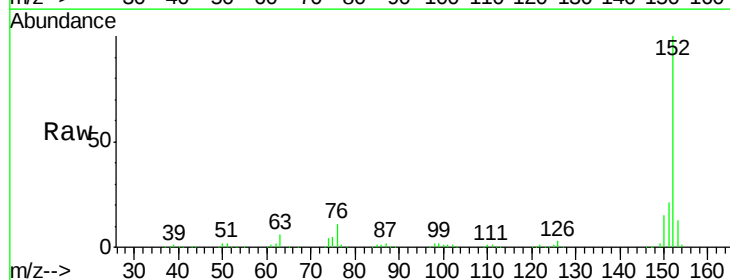
Instrument :
BNA_F
ClientSampleId :
PB104235BS

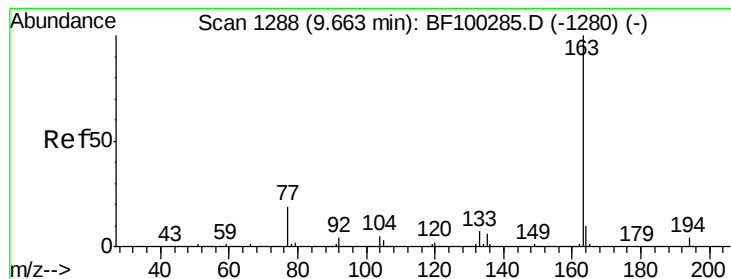
Tgt Ion: 65 Resp: 166214
Ion Ratio Lower Upper
65 100
92 66.0 55.8 83.6
138 107.1 91.2 136.8



#48
Acenaphthylene
Concen: 43.43 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion: 152 Resp: 758908
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 47.29 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

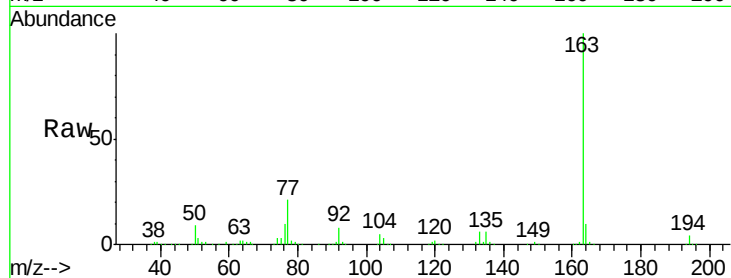
Tgt Ion:163 Resp: 606754

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

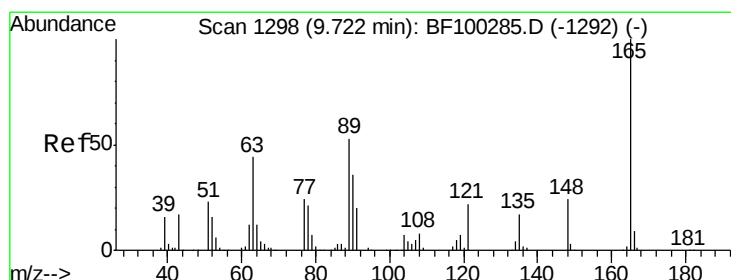
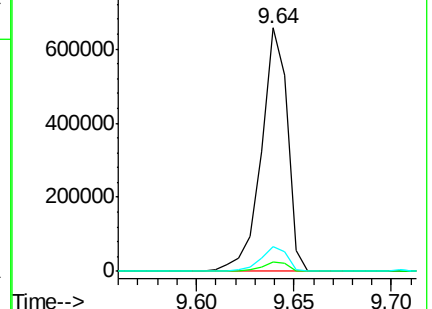
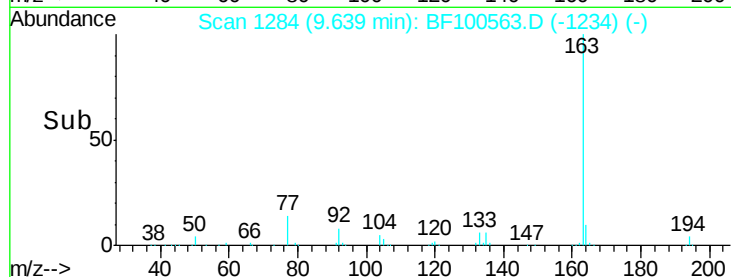
164 10.4 8.2 12.2



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: 47.91 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

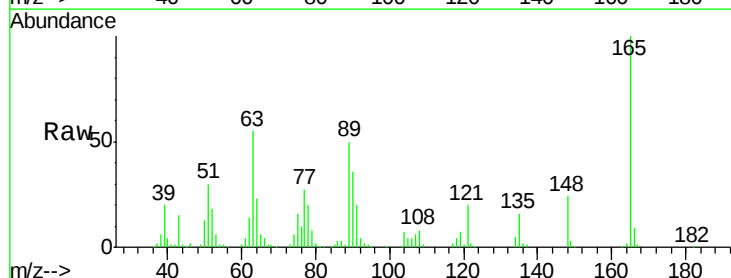
Tgt Ion:165 Resp: 121682

Ion Ratio Lower Upper

165 100

63 55.3 44.7 67.1

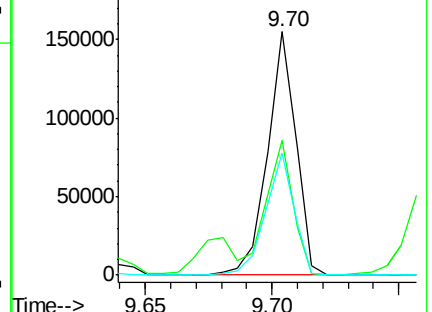
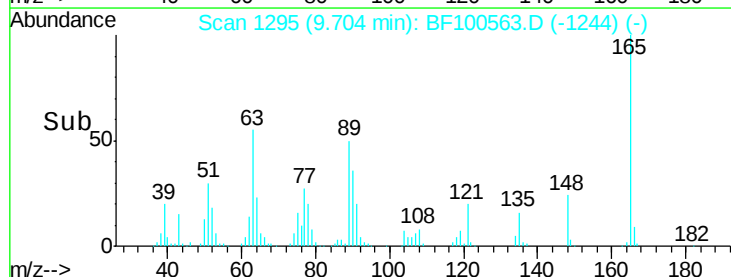
89 49.9 44.0 66.0

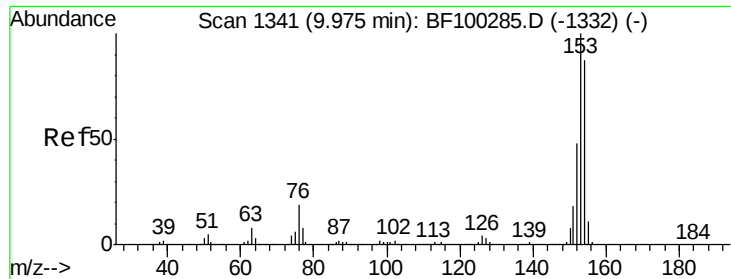


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.10 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

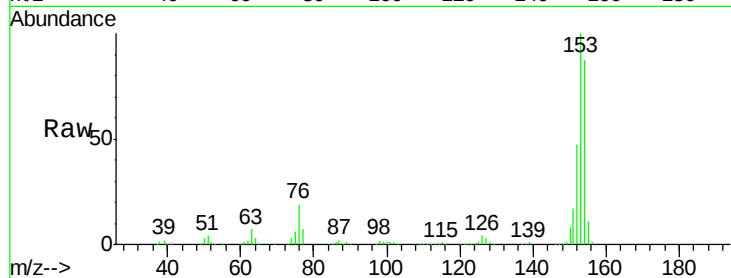
Tgt Ion:154 Resp: 447406

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

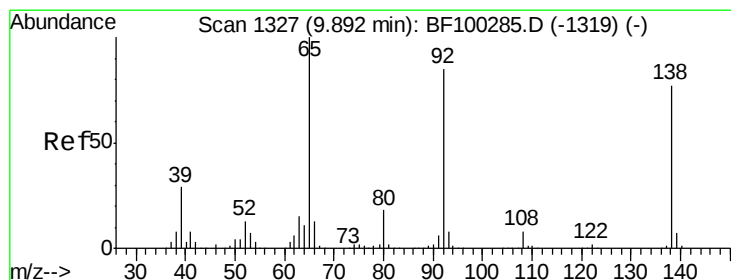
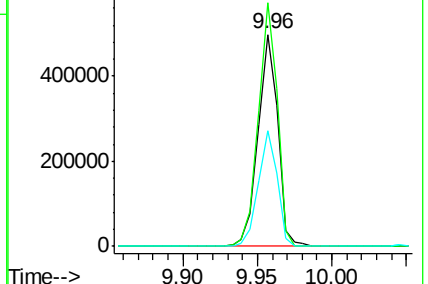
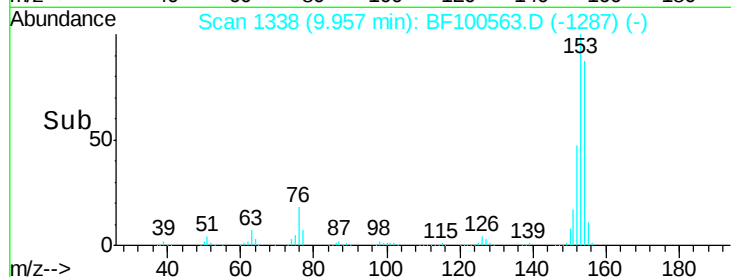
152 54.4 43.8 65.8



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: 38.35 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

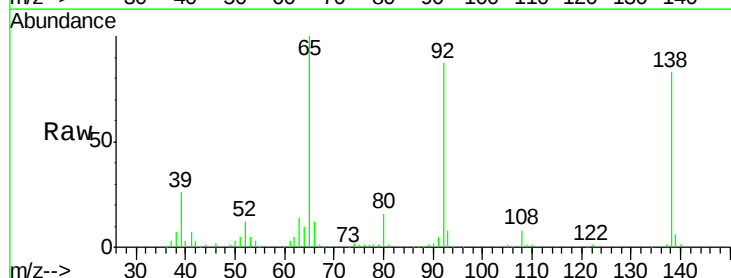
Tgt Ion:138 Resp: 115027

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

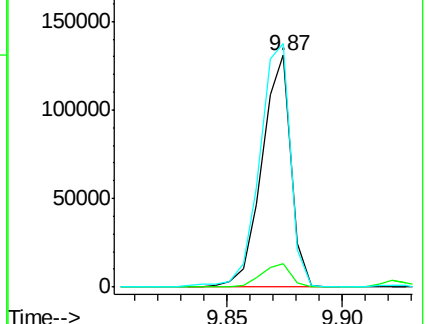
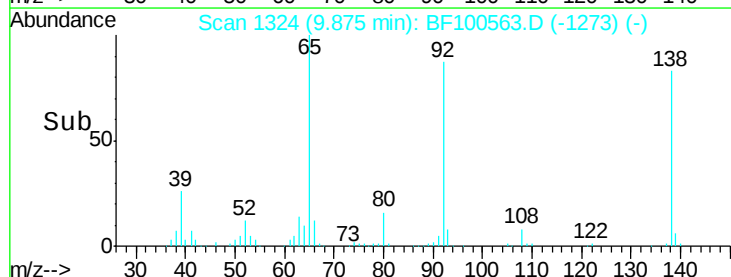
92 105.0 89.4 134.2

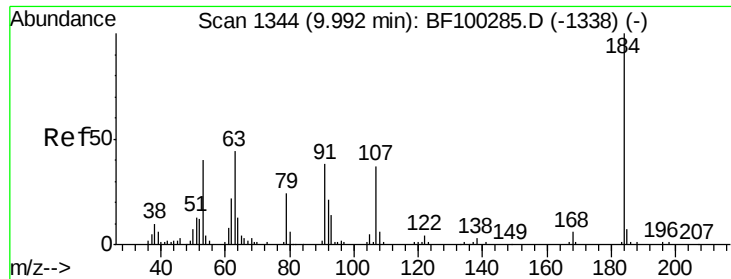


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

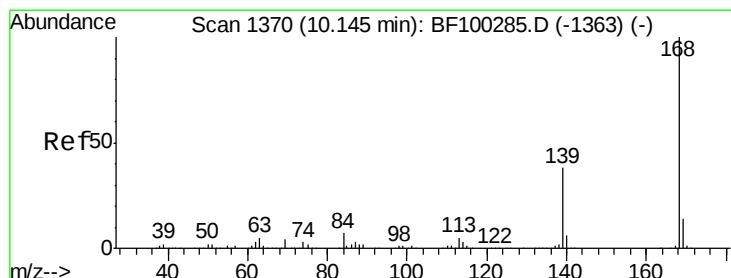
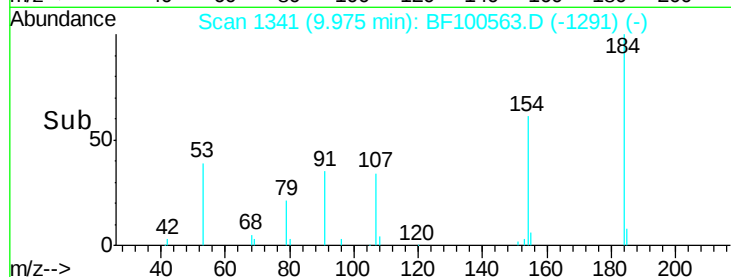
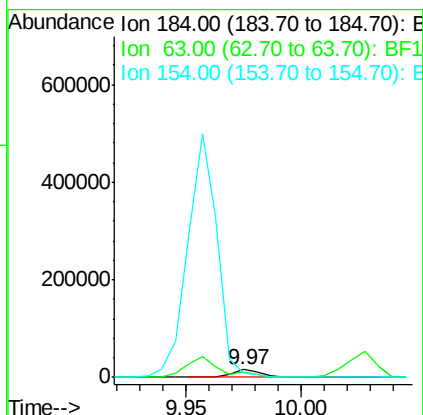
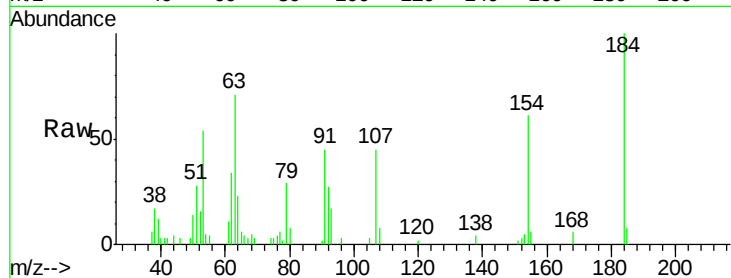




#53
2,4-Dinitrophenol
Concen: 22.41 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

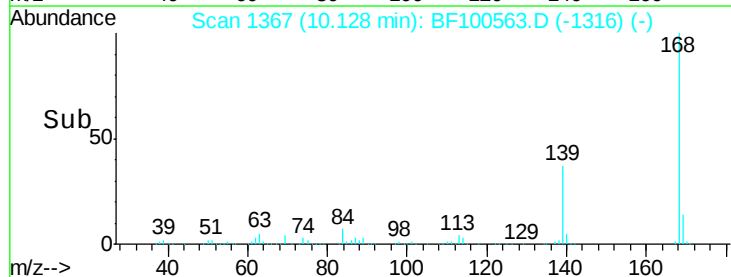
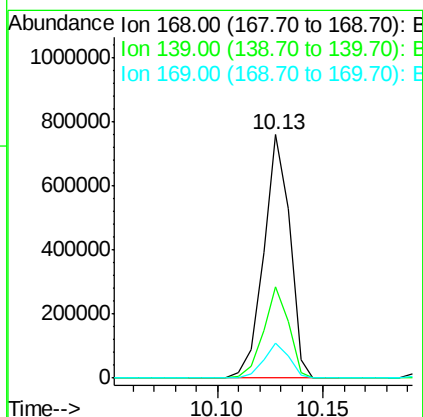
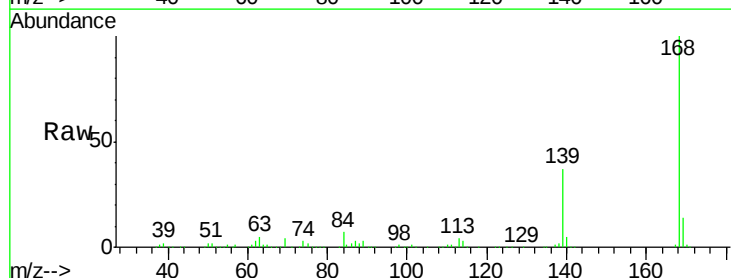
Instrument :
BNA_F
ClientSampleId :
PB104235BS

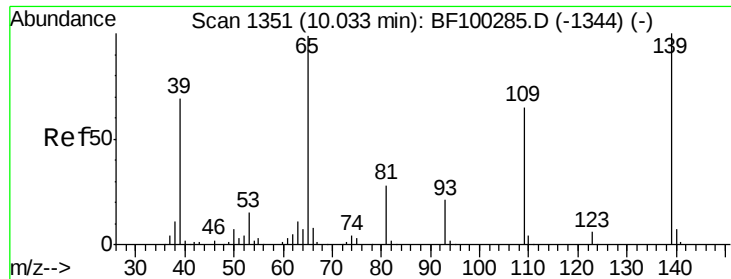
Tgt Ion:184 Resp: 12921
Ion Ratio Lower Upper
184 100
63 70.8 54.2 81.2
154 60.8 184.0 276.0#



#54
Dibenzofuran
Concen: 43.82 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:168 Resp: 652761
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 14.4 10.9 16.3

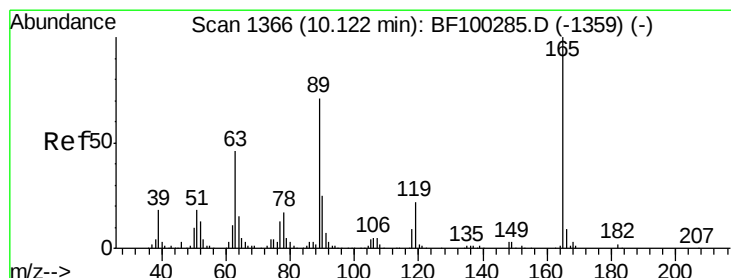
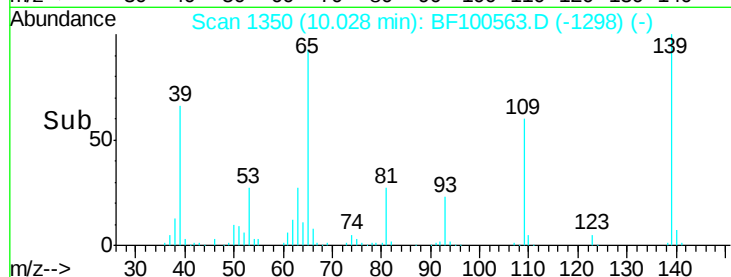
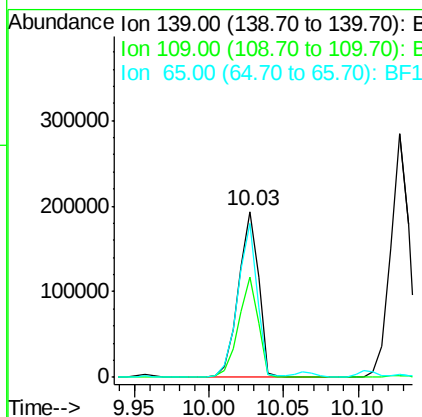
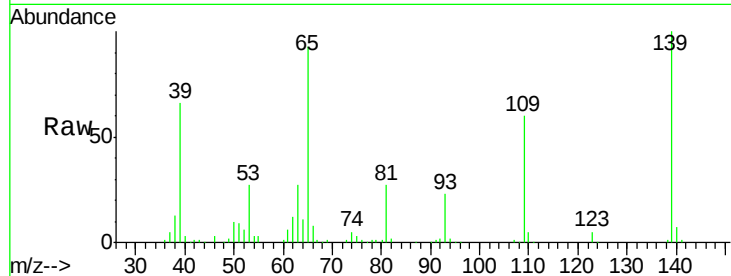




#55
4-Nitrophenol
Concen: 75.68 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

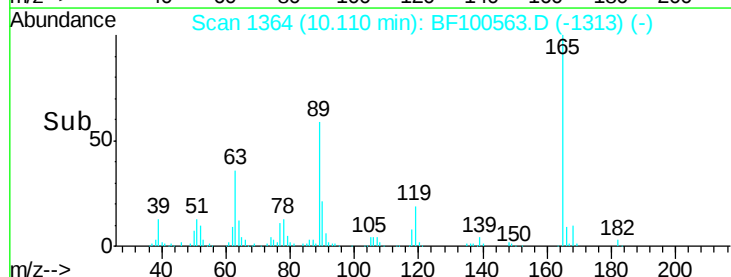
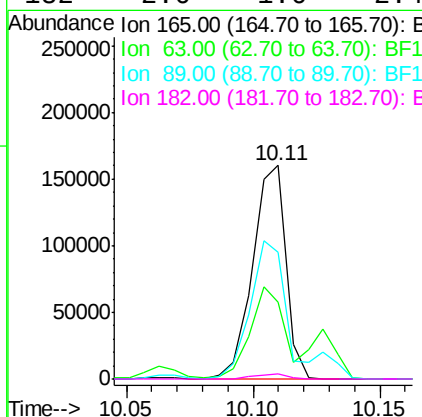
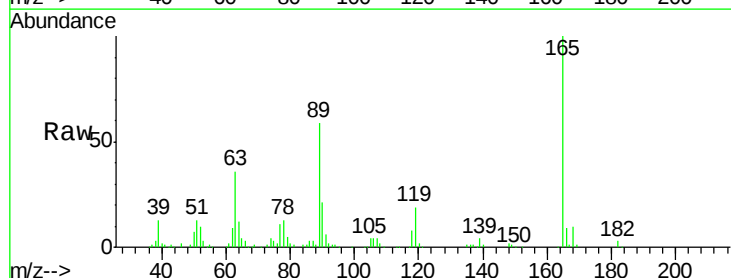
Instrument :
BNA_F
ClientSampleId :
PB104235BS

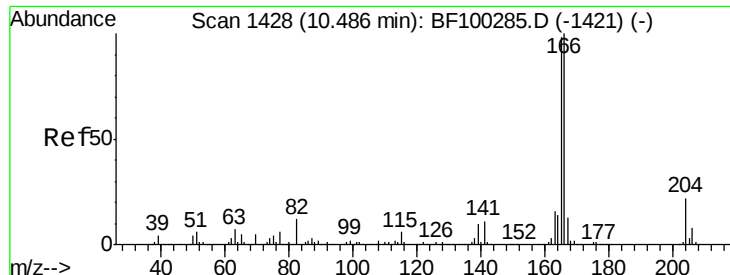
Tgt Ion:139 Resp: 184317
Ion Ratio Lower Upper
139 100
109 60.1 48.4 88.4
65 92.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.80 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:165 Resp: 146764
Ion Ratio Lower Upper
165 100
63 35.9 36.4 54.6#
89 59.1 57.8 86.6
182 2.6 1.6 2.4#

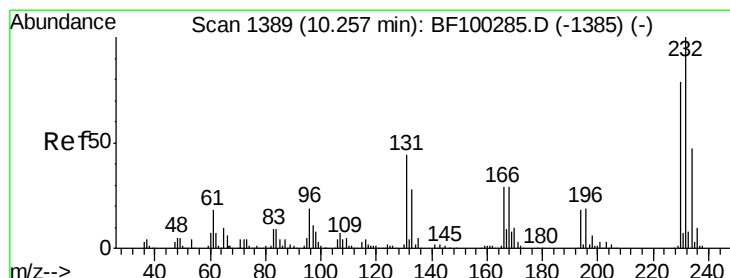
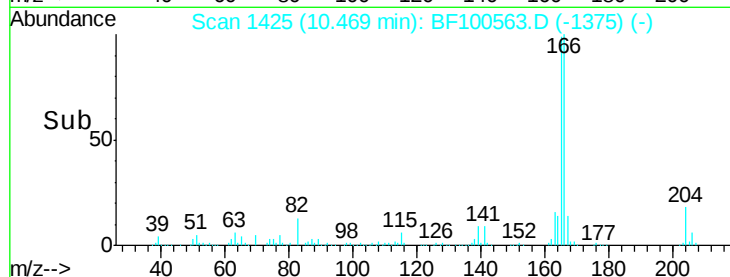
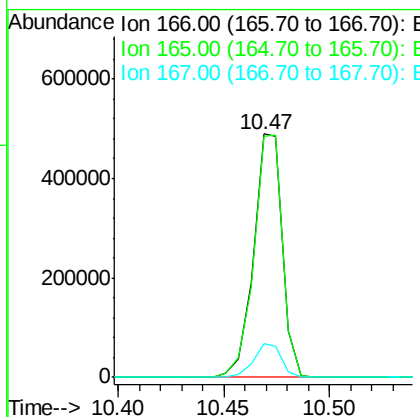
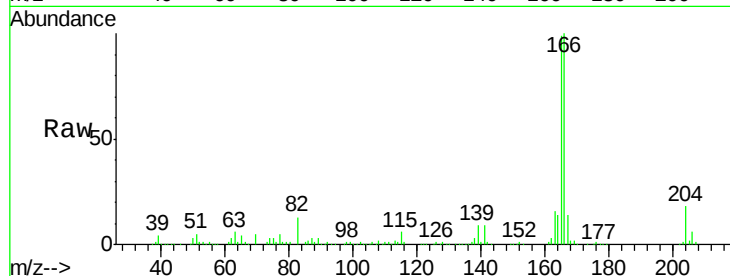




#57
Fluorene
 Concen: 42.30 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

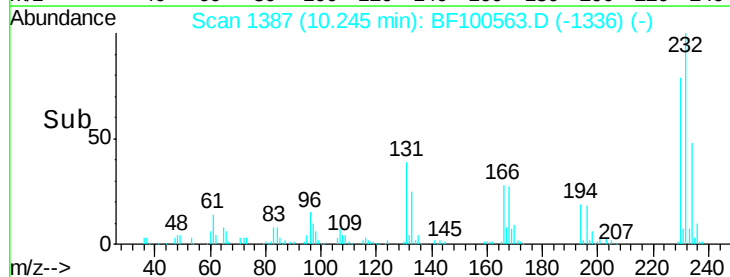
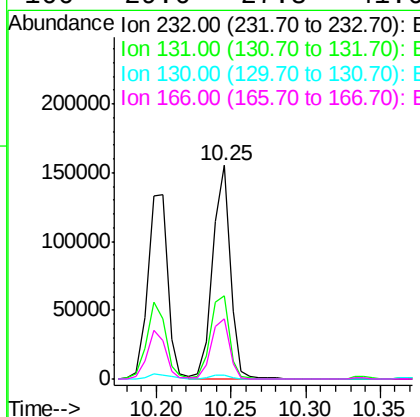
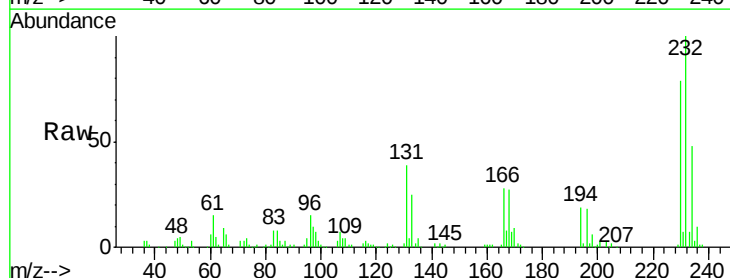
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

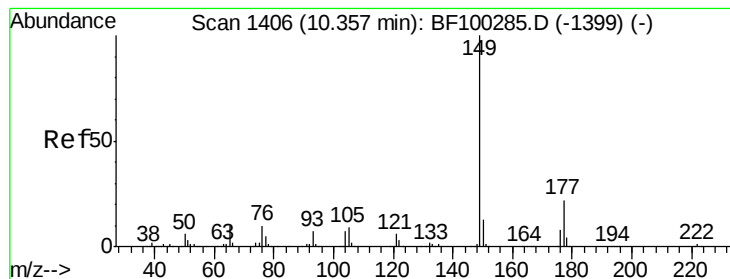
Tgt Ion:166 Resp: 461540
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.8
 167 13.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.46 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:232 Resp: 127350
 Ion Ratio Lower Upper
 232 100
 131 41.8 43.8 65.8#
 130 1.9 2.1 3.1#
 166 29.6 27.8 41.6





#59

Diethylphthalate

Concen: 43.58 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

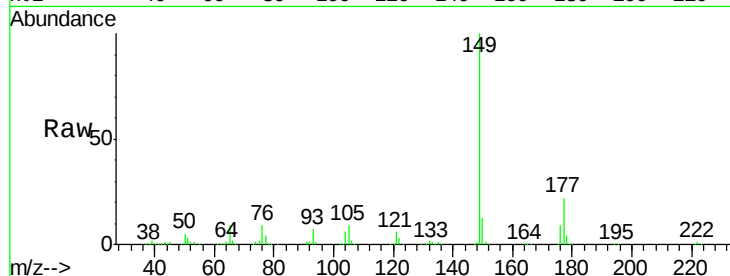
Tgt Ion:149 Resp: 559617

Ion Ratio Lower Upper

149 100

177 22.4 16.1 24.1

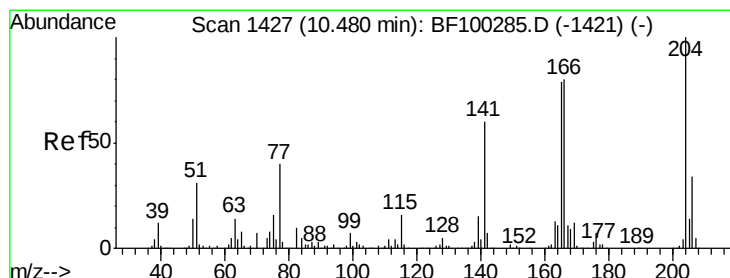
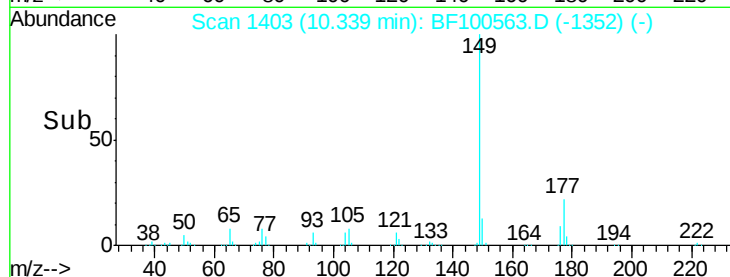
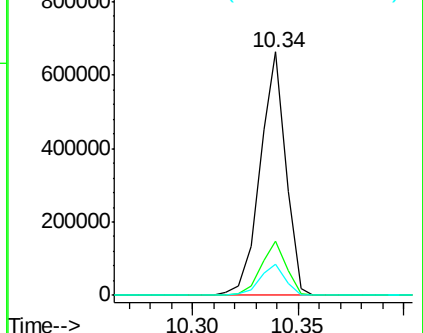
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.91 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

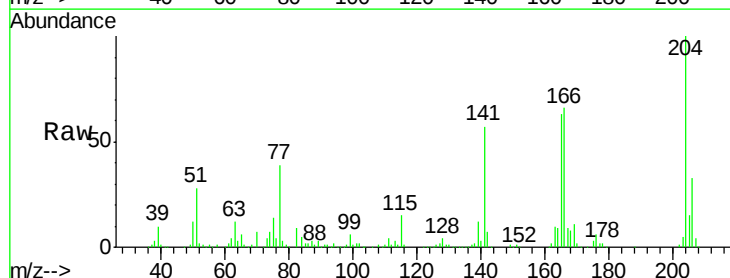
Tgt Ion:204 Resp: 240418

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

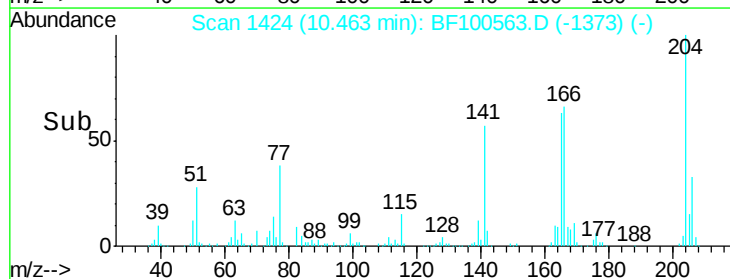
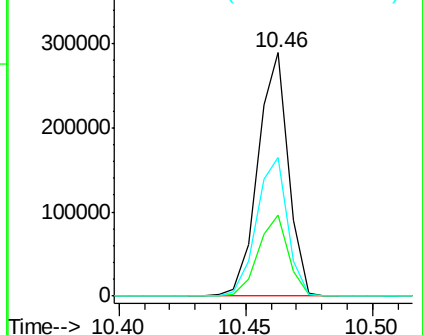
141 56.7 54.6 81.8

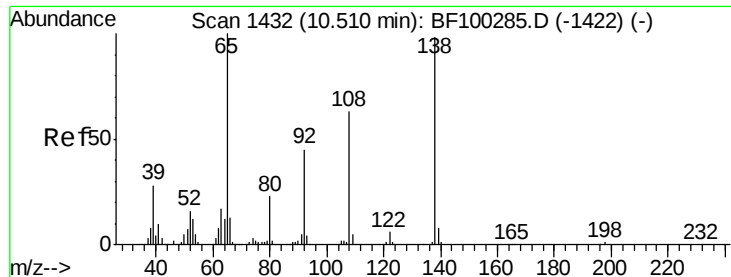


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

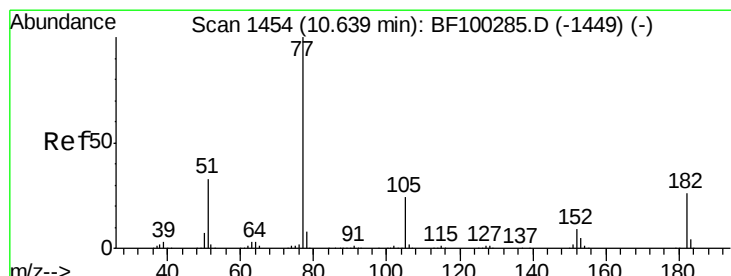
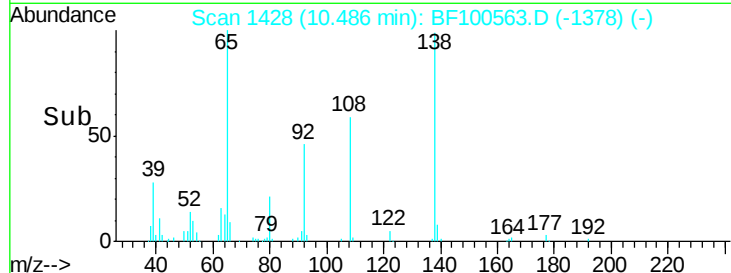
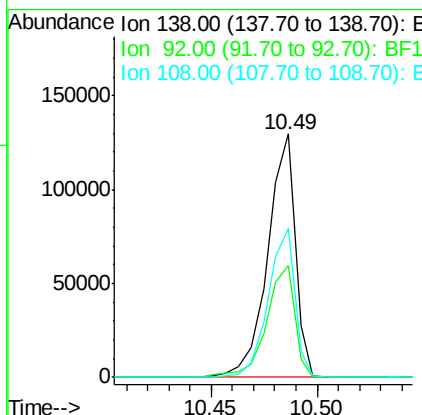
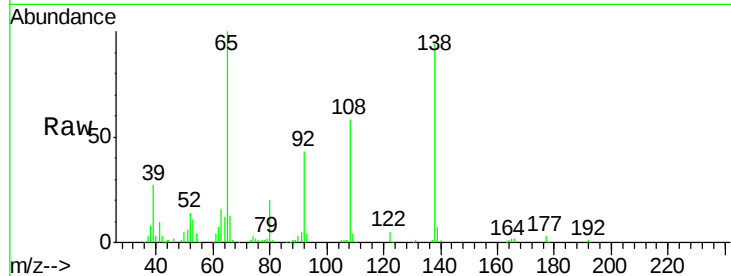




#61
4-Nitroaniline
Concen: 41.43 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

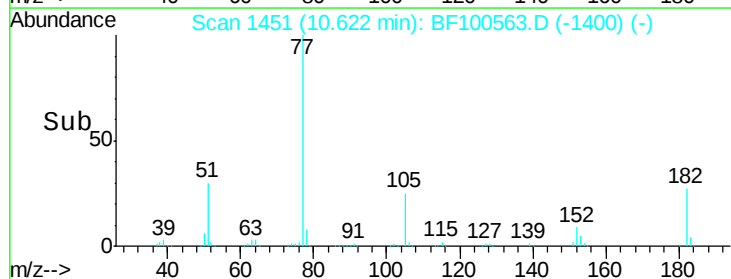
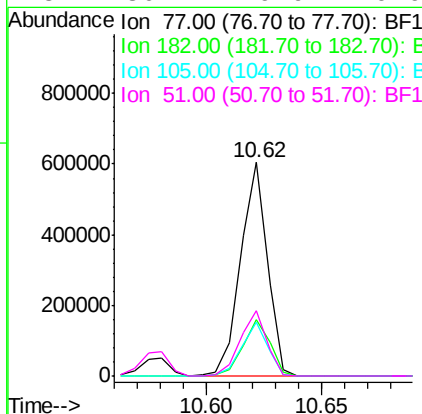
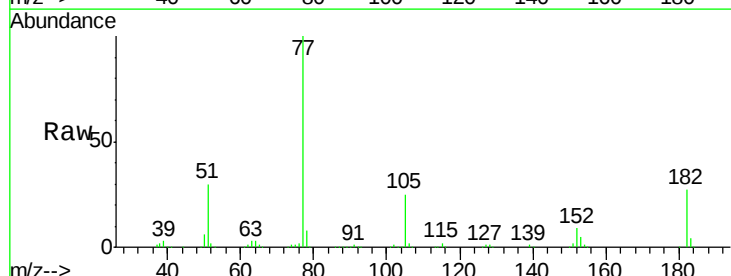
Instrument :
BNA_F
ClientSampleId :
PB104235BS

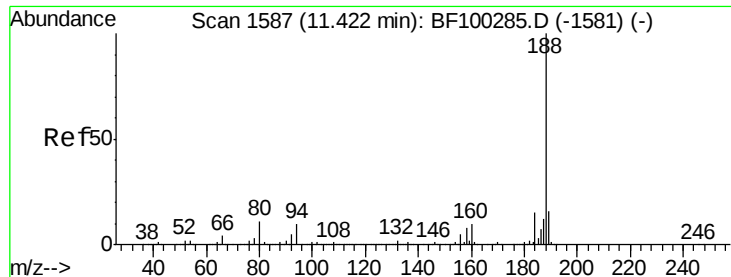
Tgt Ion: 138 Resp: 117832
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 61.0 52.5 92.5



#62
Azobenzene
Concen: 40.59 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion: 77 Resp: 490900
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 24.9 3.0 43.0
51 30.4 9.9 49.9

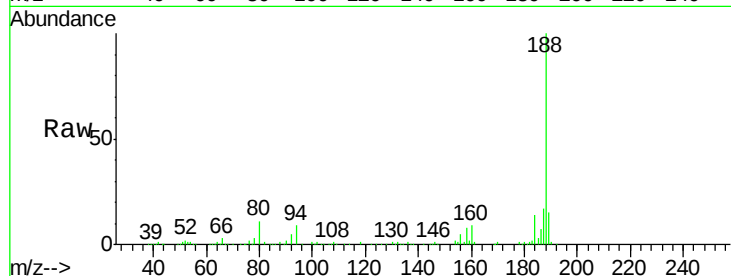




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :
PB104235BS

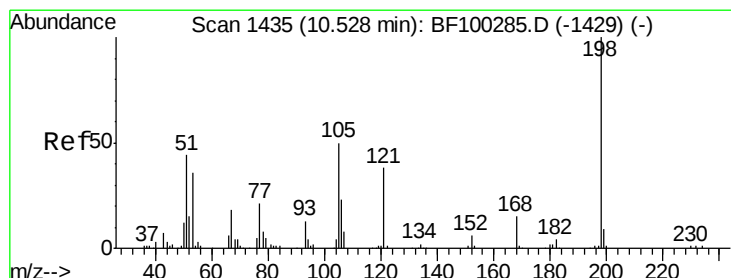
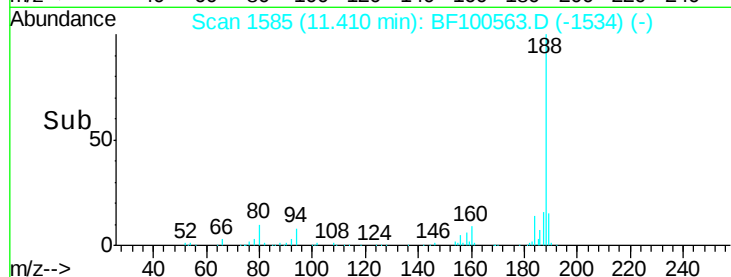
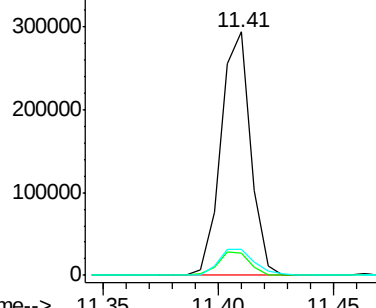
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

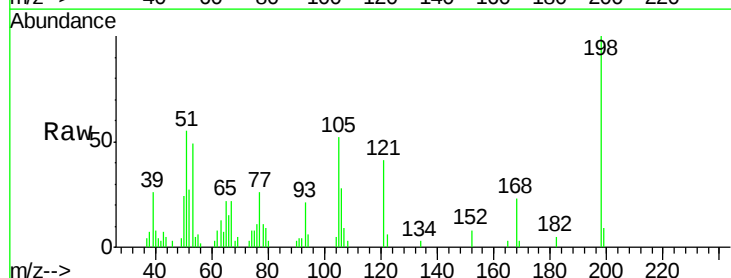
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 15.58 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

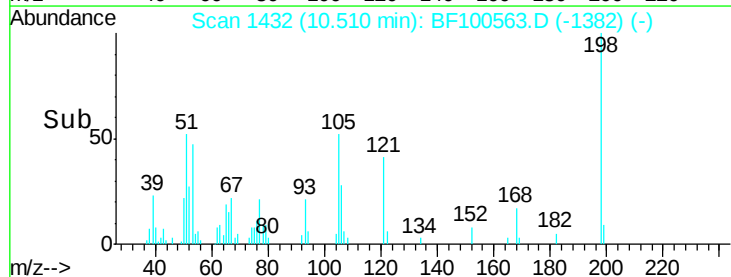
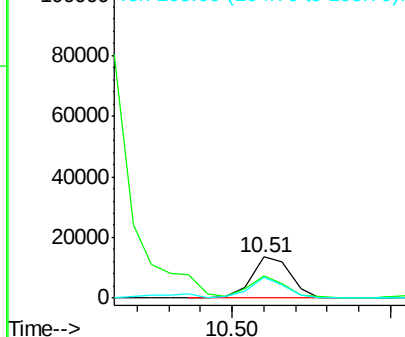
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.0	37.7	77.7
105	51.5	36.3	76.3

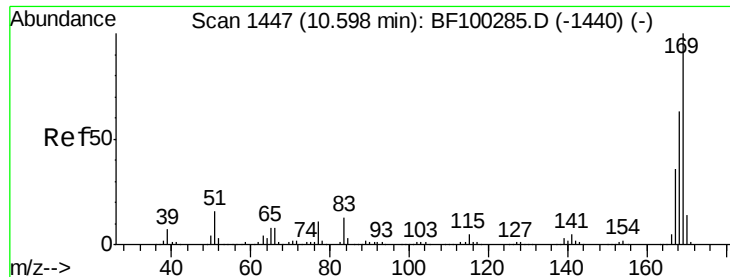


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

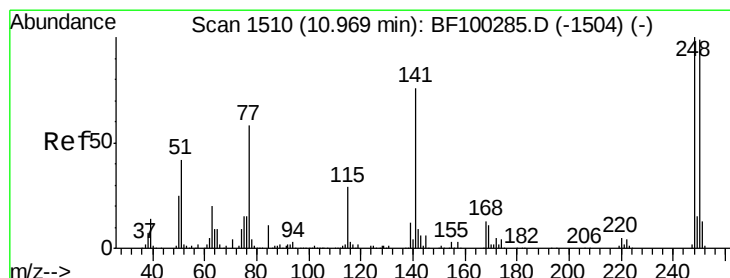
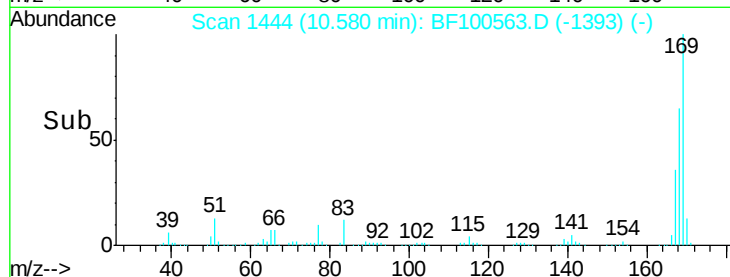
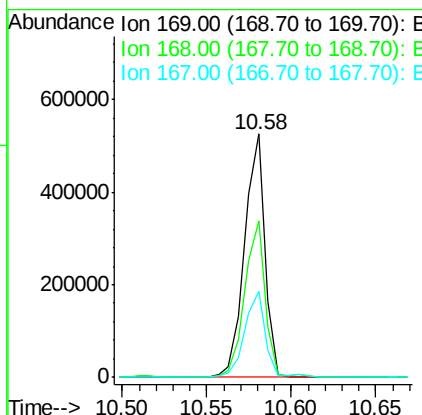
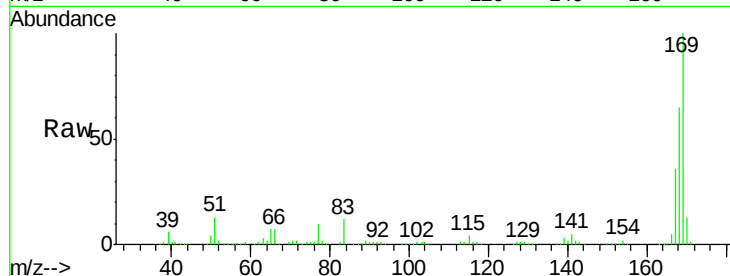




#65
n-Nitrosodiphenylamine
Concen: 48.27 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

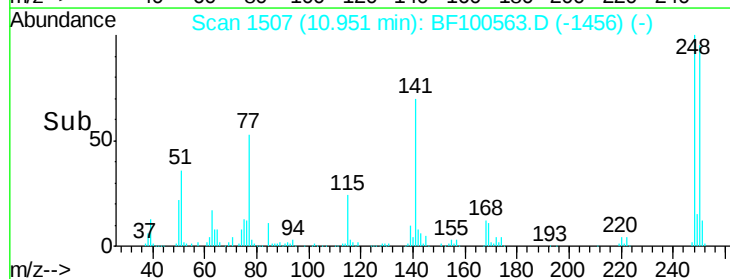
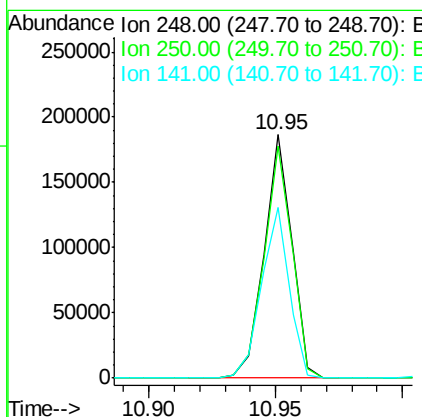
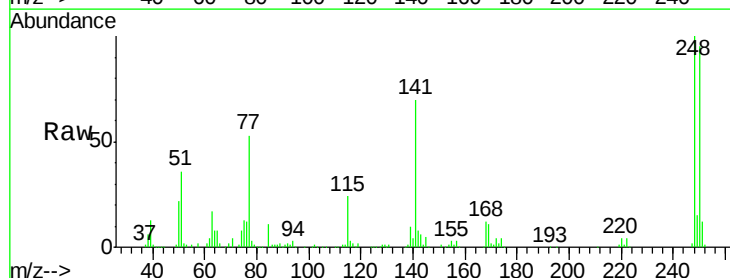
Instrument :
BNA_F
ClientSampleId :
PB104235BS

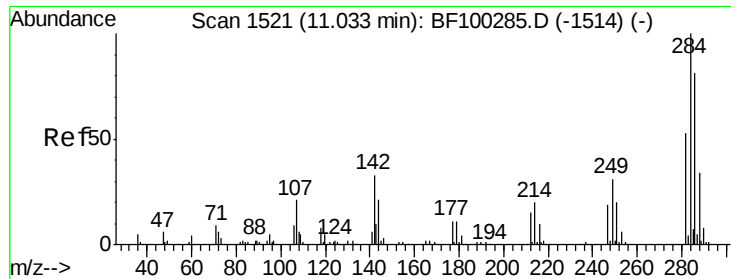
Tgt Ion:169 Resp: 443659
Ion Ratio Lower Upper
169 100
168 64.6 54.4 81.6
167 35.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 50.51 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:248 Resp: 143114
Ion Ratio Lower Upper
248 100
250 95.3 76.9 115.3
141 70.0 74.4 111.6#

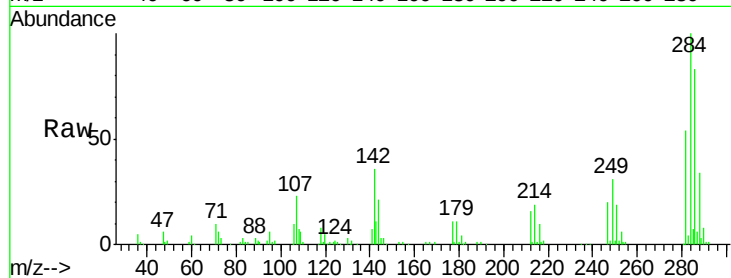




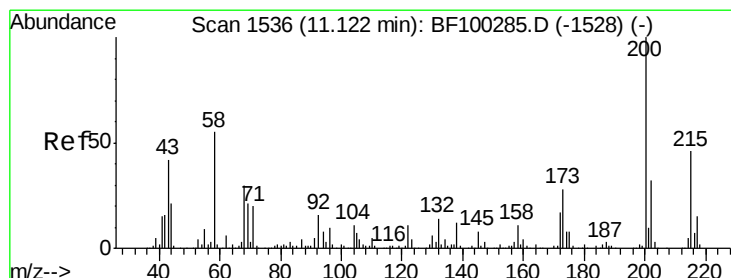
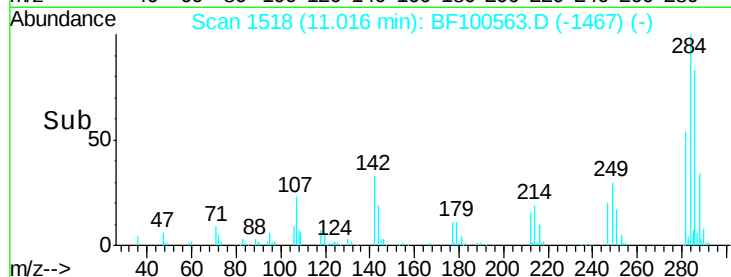
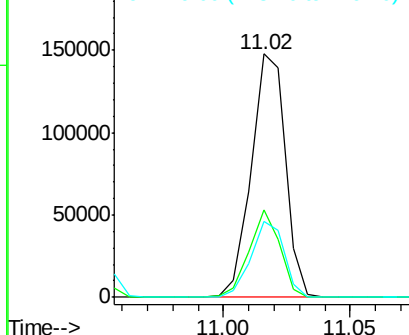
#67
Hexachlorobenzene
Concen: 46.90 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :
PB104235BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	34.6	52.0
249	31.4	24.8	37.2

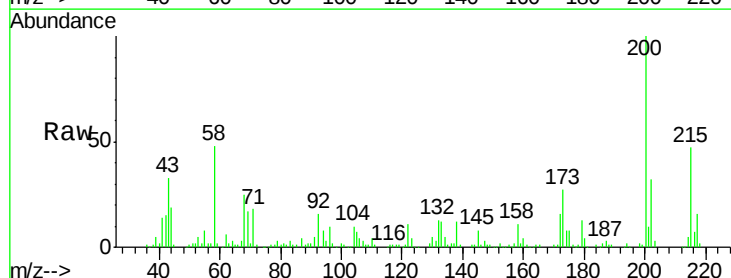


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

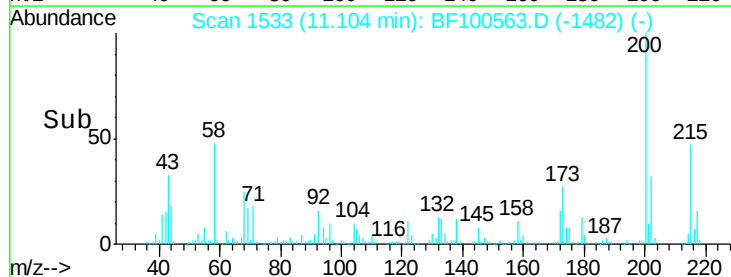
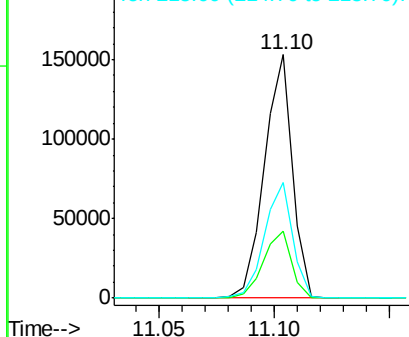


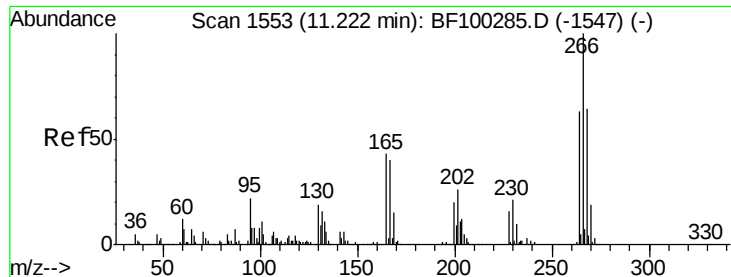
#68
Atrazine
Concen: 46.39 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	47.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

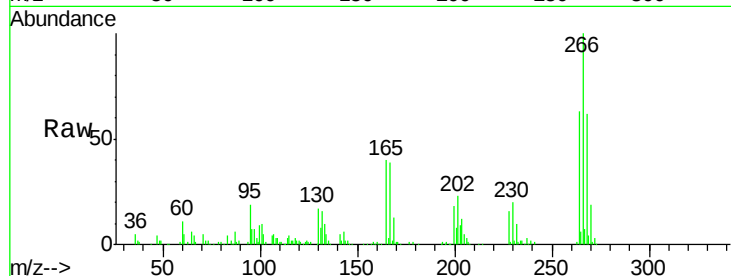




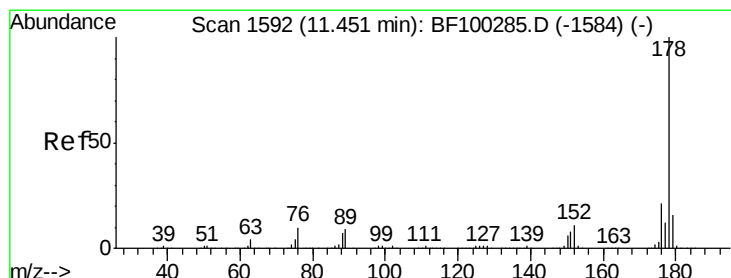
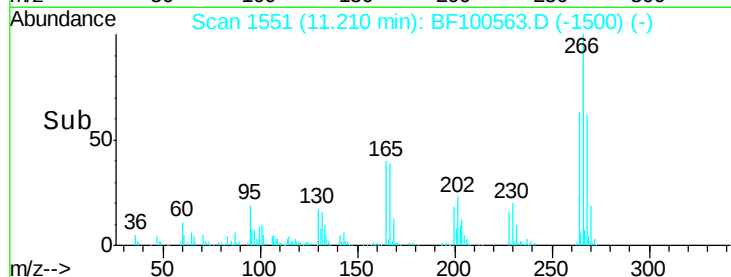
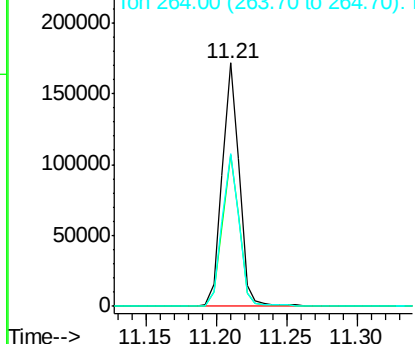
#69
 Pentachlorophenol
 Concen: 68.48 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion: 266 Resp: 145505
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.0 49.5 74.3

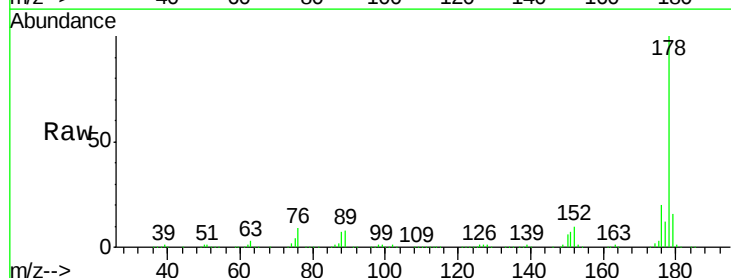


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

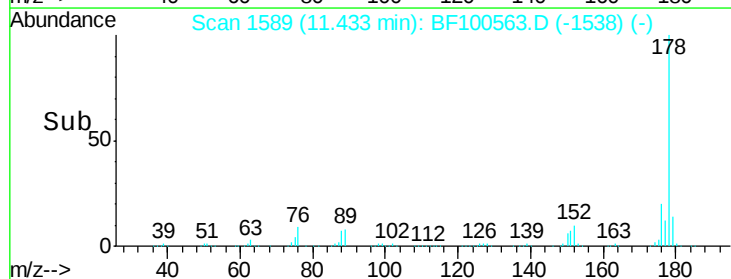
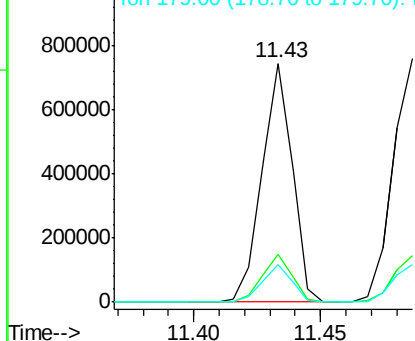


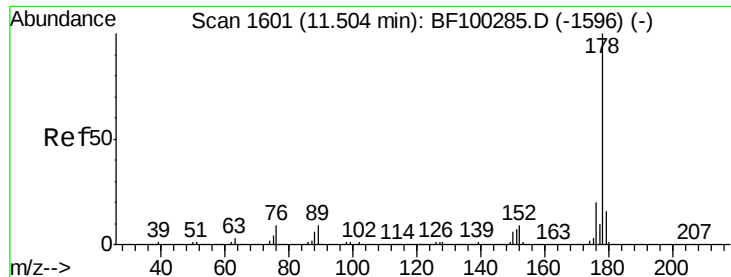
#70
 Phenanthrene
 Concen: 44.94 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion: 178 Resp: 625450
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 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

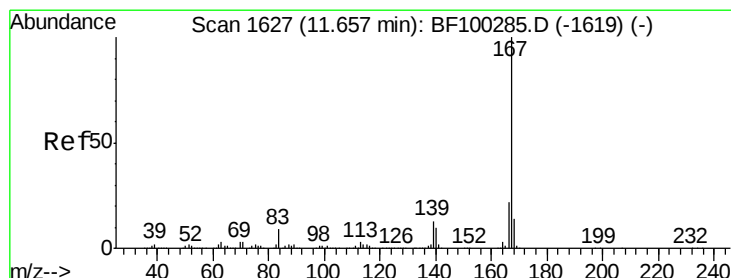
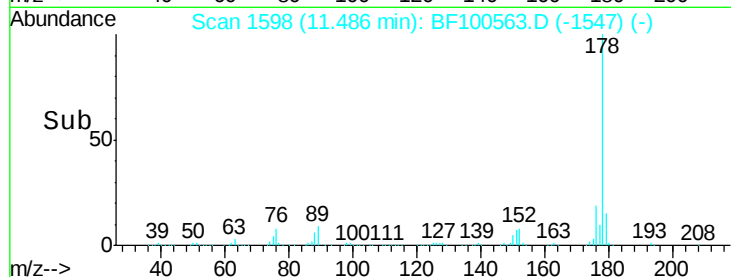
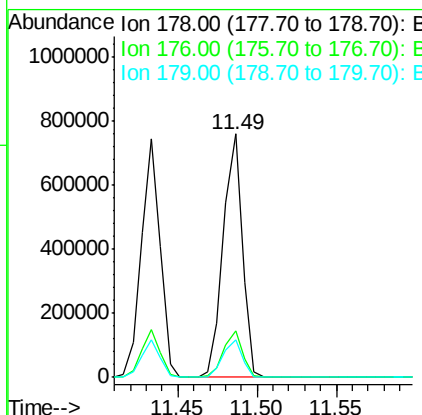
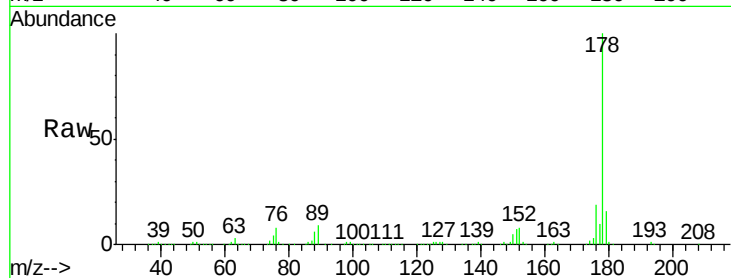




#71
 Anthracene
 Concen: 45.31 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

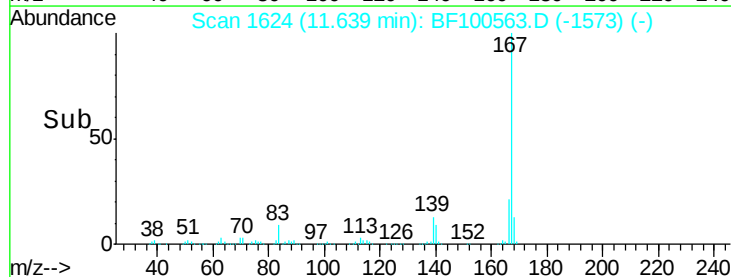
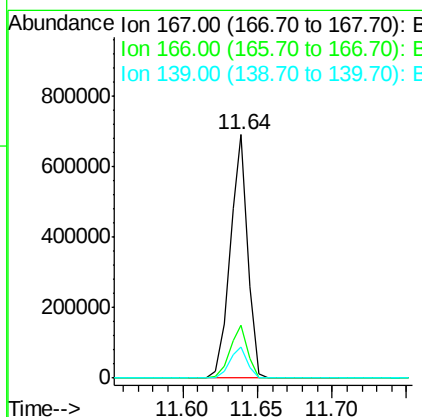
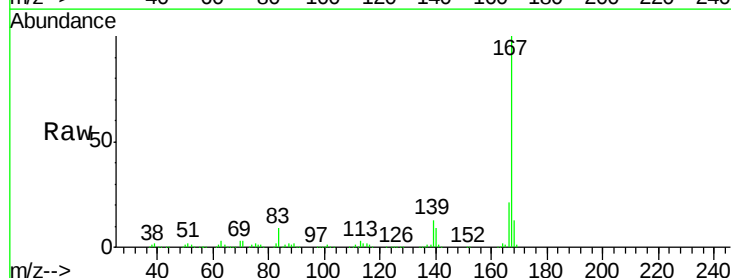
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion:178 Resp: 639697
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 43.95 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:167 Resp: 572594
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.6 10.9 16.3

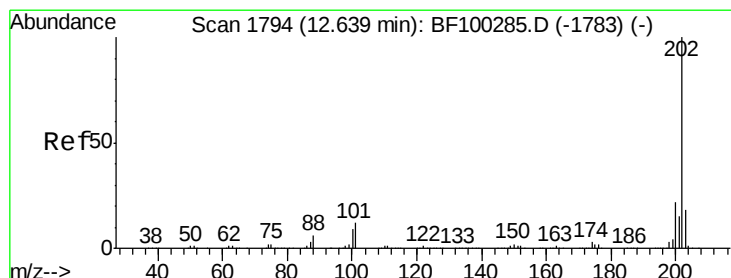
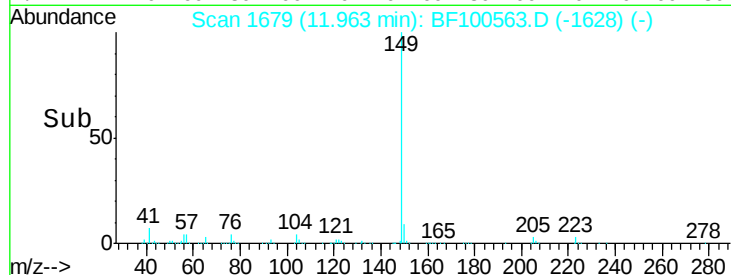
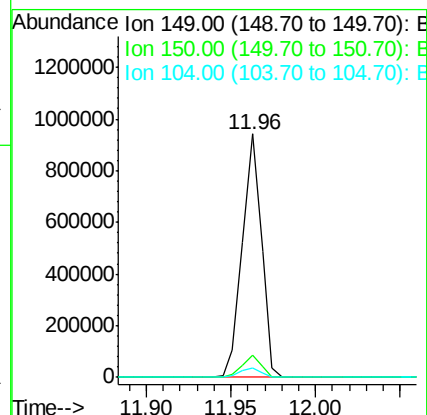
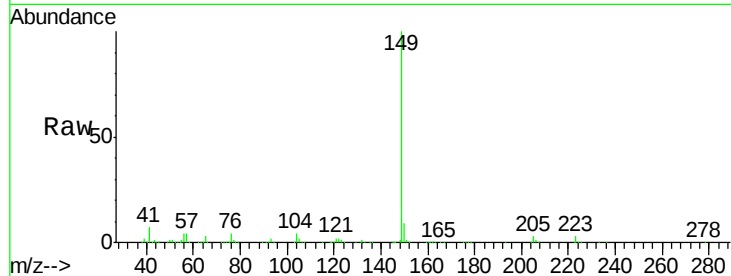




#73
Di-n-butylphthalate
Concen: 48.77 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

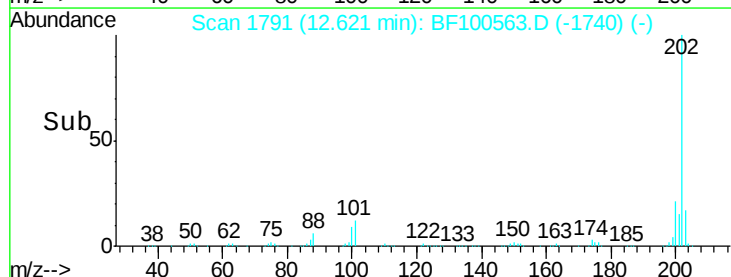
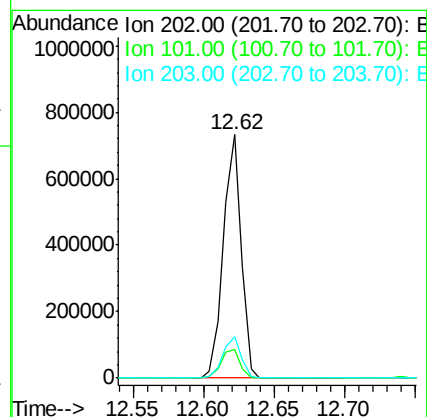
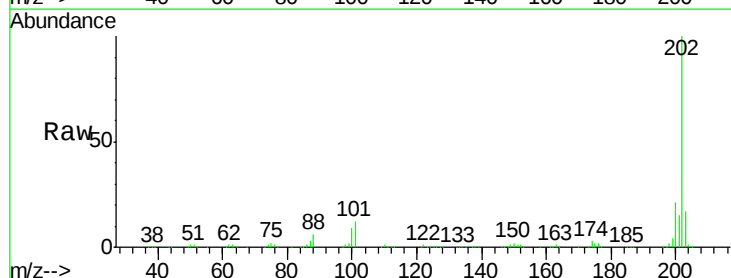
Instrument :
BNA_F
ClientSampleId :
PB104235BS

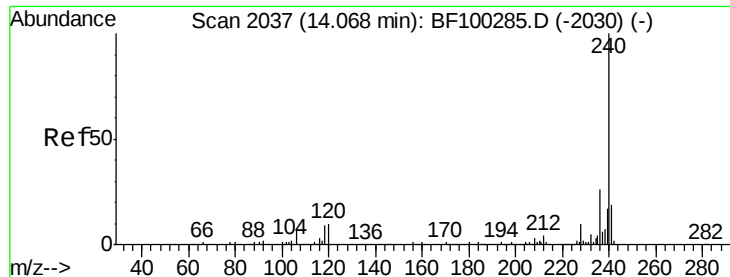
Tgt Ion:149 Resp: 743571
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 43.62 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF100563.D
Acq: 15 Nov 2017 2:34

Tgt Ion:202 Resp: 643373
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

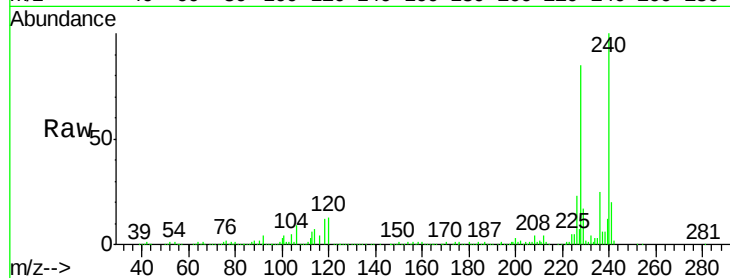
Tgt Ion:240 Resp: 223089

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

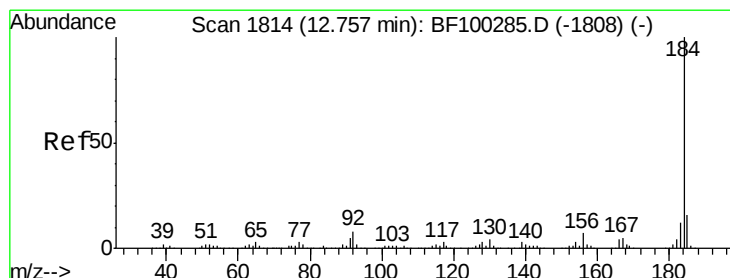
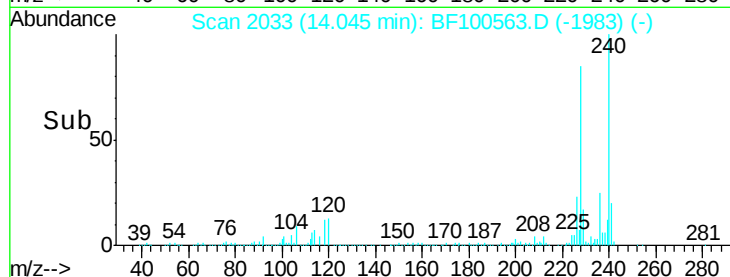
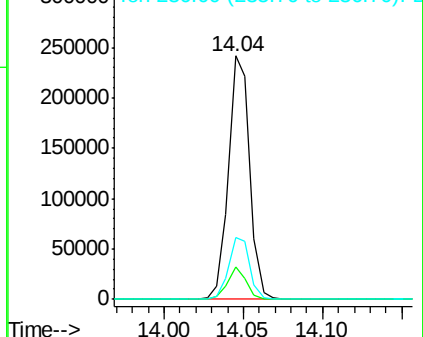
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.71 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

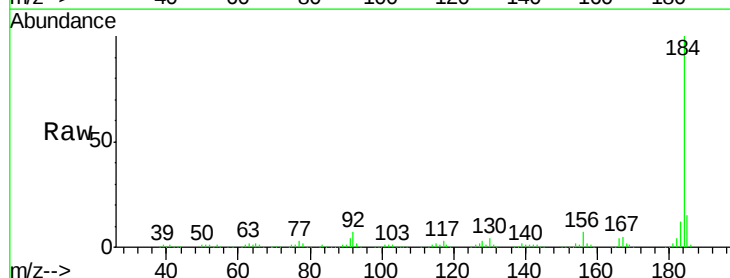
Tgt Ion:184 Resp: 488791

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

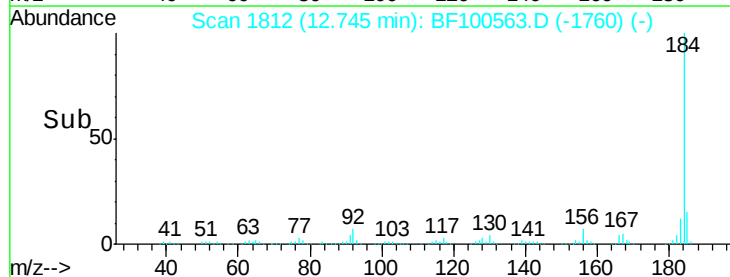
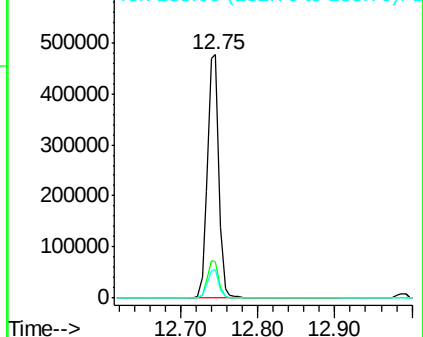
183 11.6 9.3 13.9

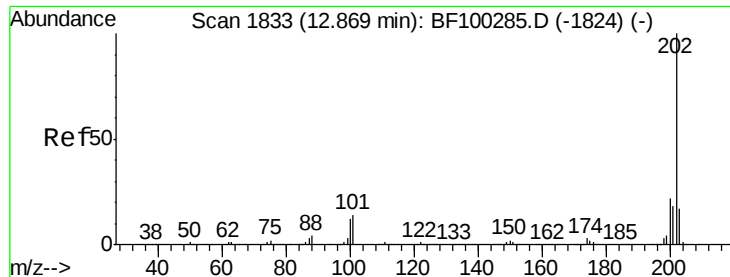


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

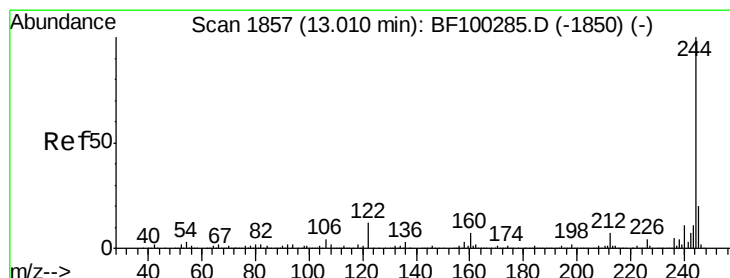
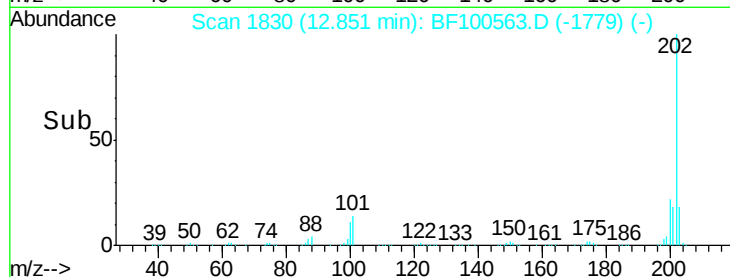
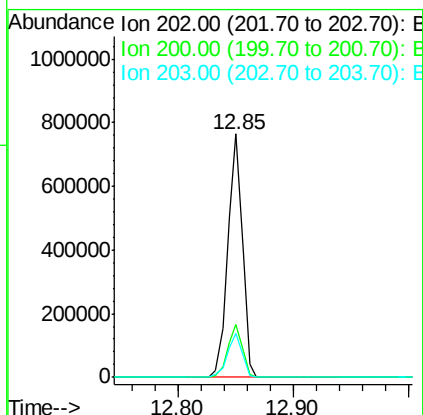
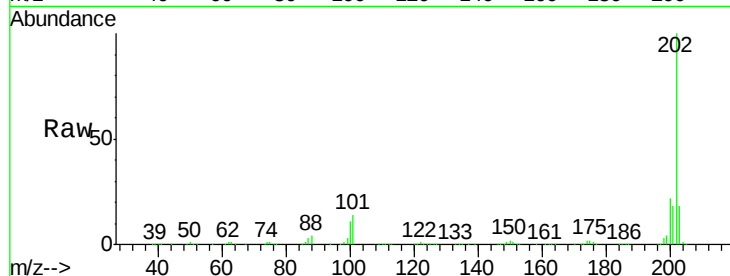




#77
 Pyrene
 Concen: 41.80 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

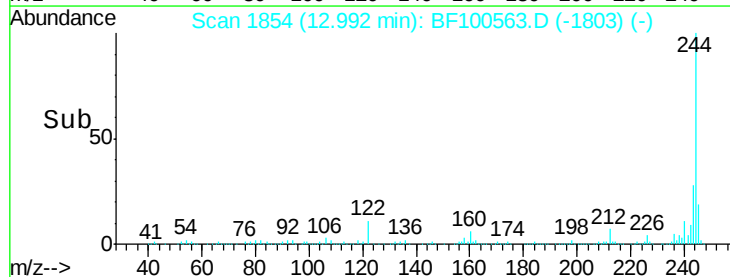
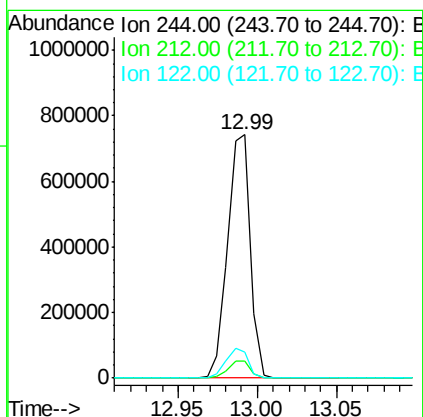
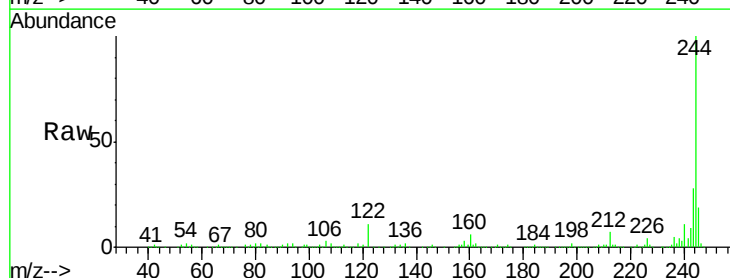
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

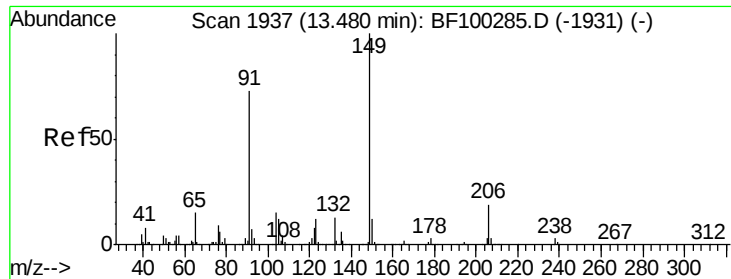
Tgt Ion: 202 Resp: 664723
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 75.77 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion: 244 Resp: 735642
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 11.0 16.4#

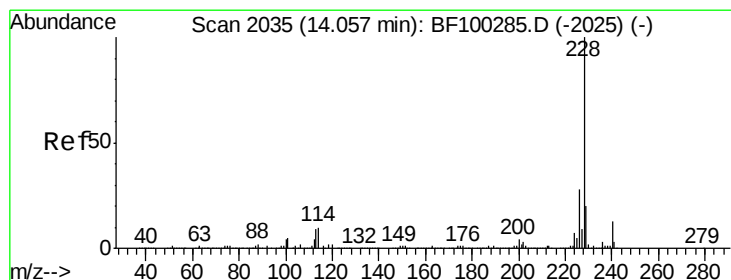
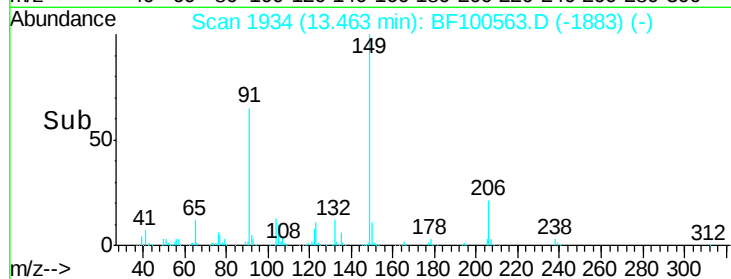
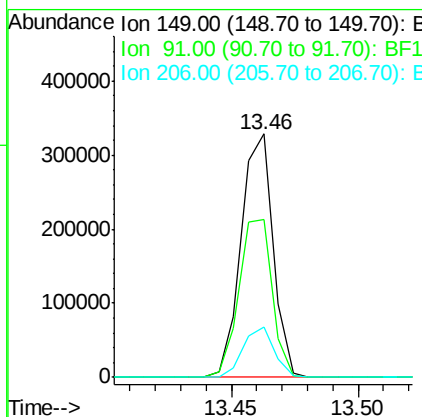
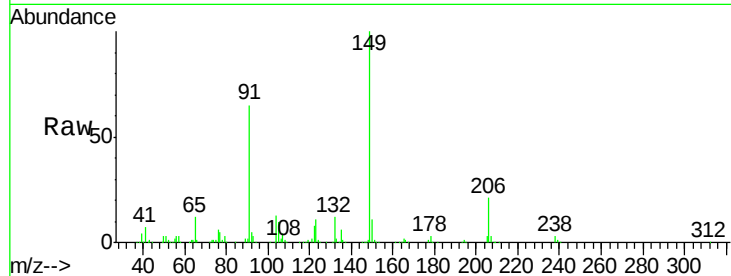




#79
 Butylbenzylphthalate
 Concen: 44.21 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

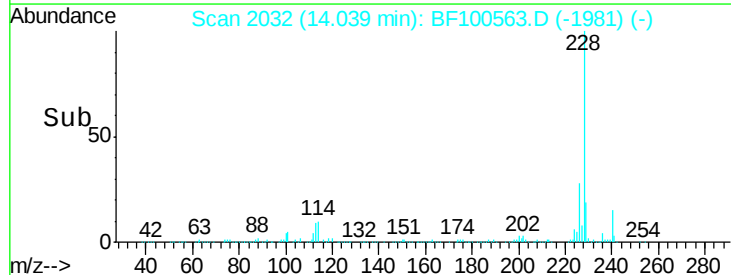
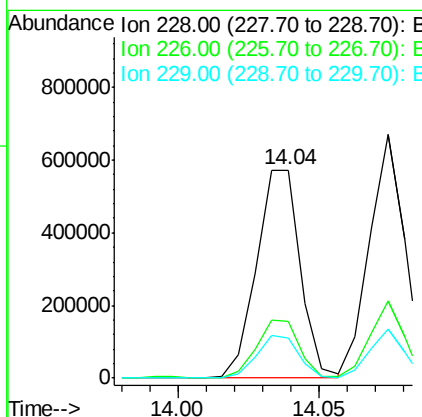
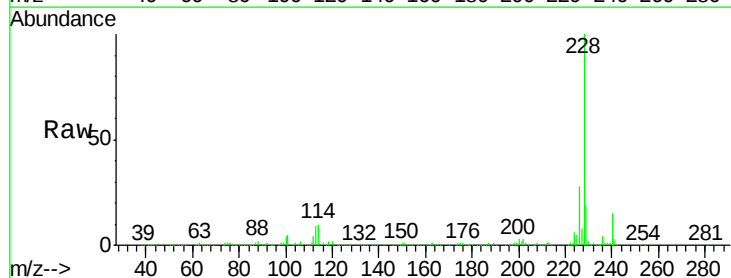
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

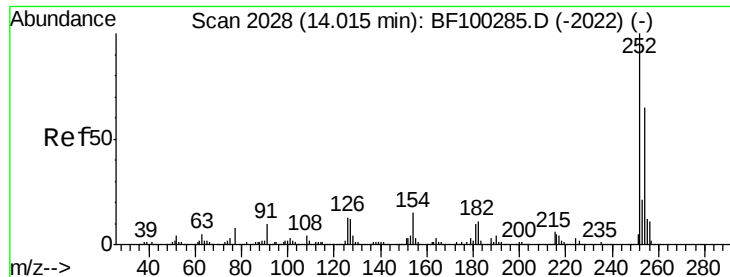
Tgt Ion:	149	Resp:	286687
Ion Ratio	Lower	Upper	
149	100		
91	64.7	56.8	85.2
206	20.7	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 45.93 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:	228	Resp:	617027
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.5	15.8	23.6

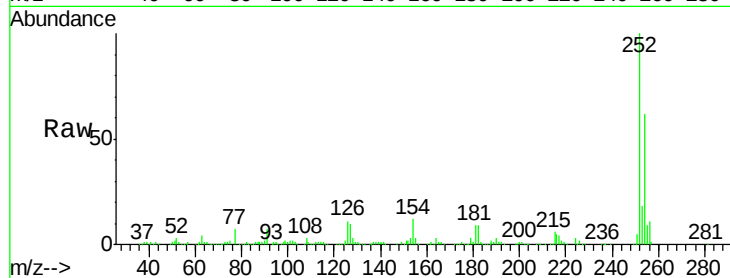




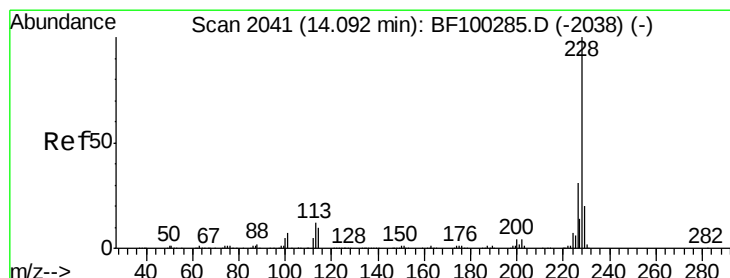
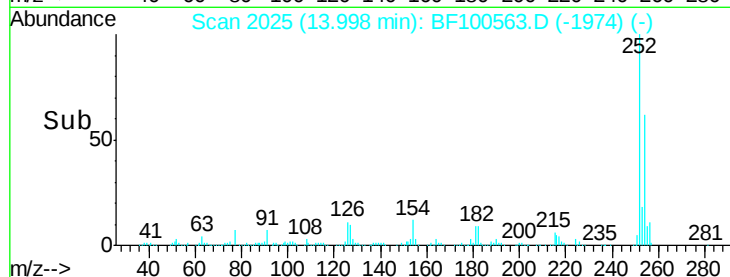
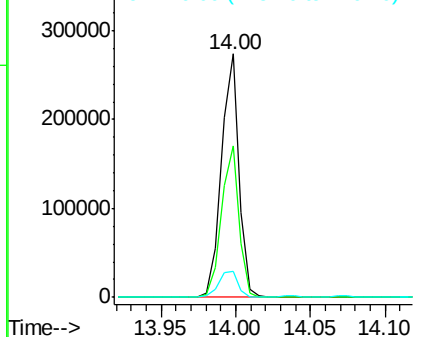
#81
 3,3'-Dichlorobenzidine
 Concen: 47.34 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	10.5	11.3	16.9#

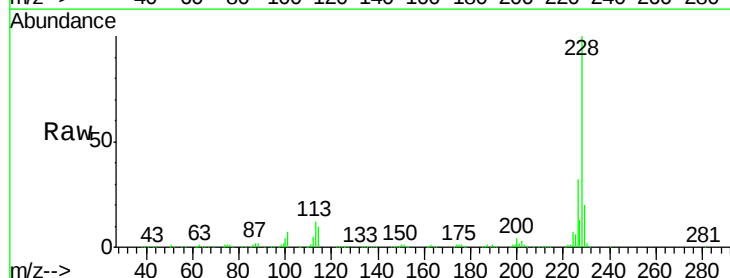


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

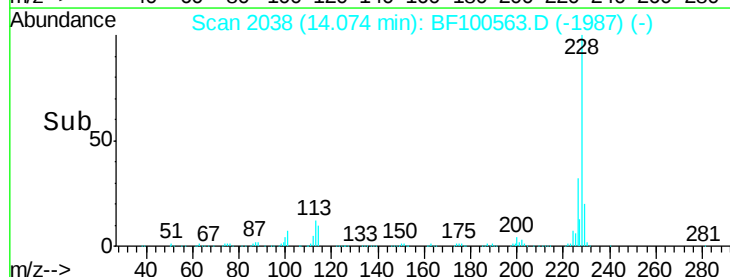
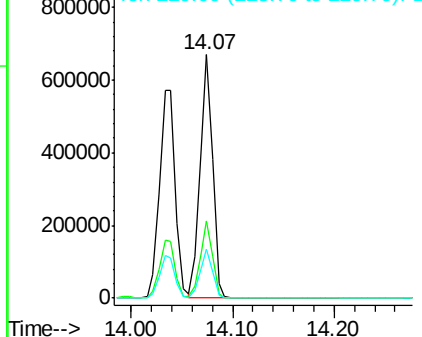


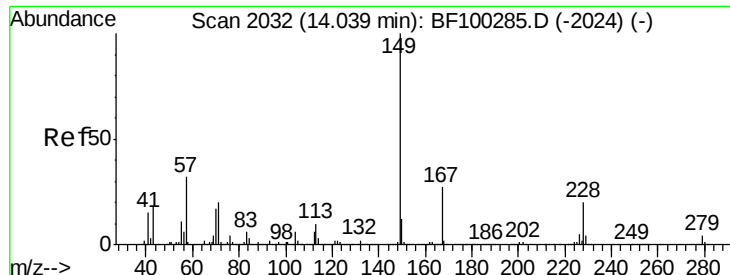
#82
 Chrysene
 Concen: 44.54 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	16.2	24.4



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

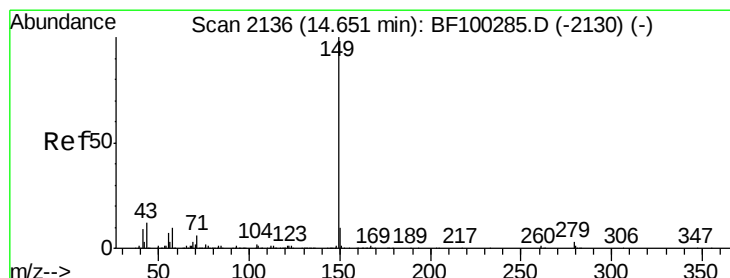
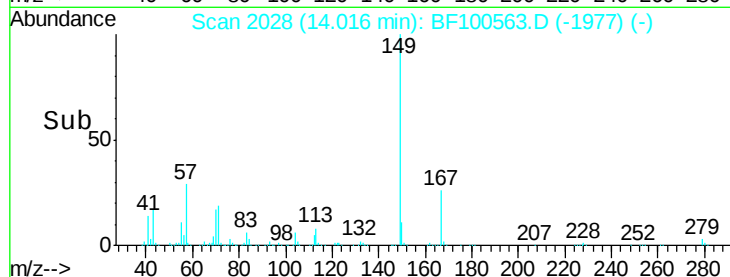
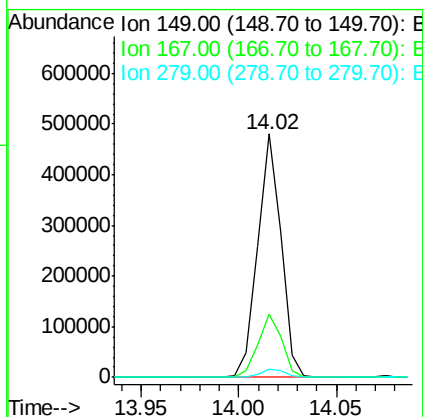
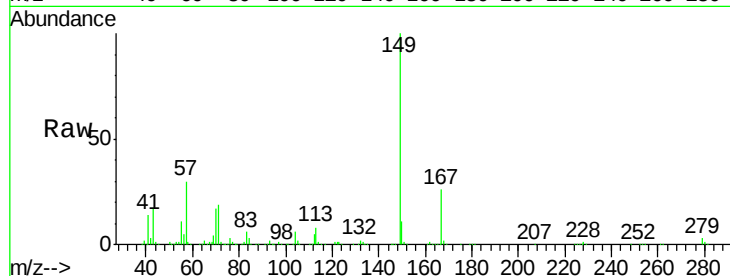




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.87 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

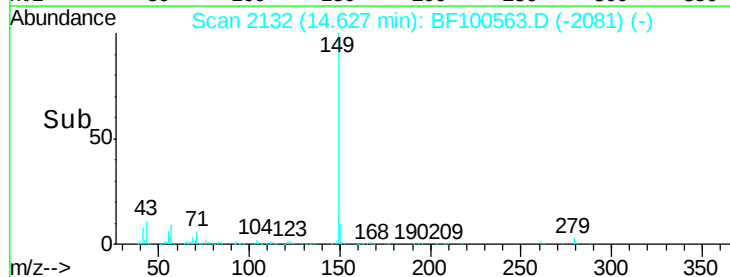
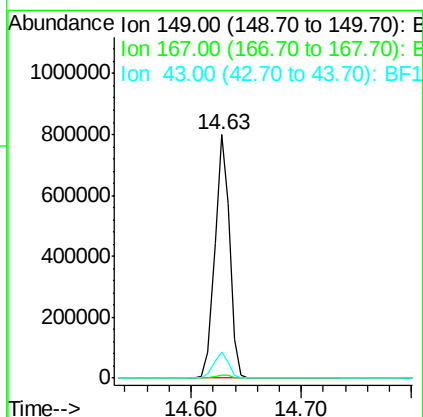
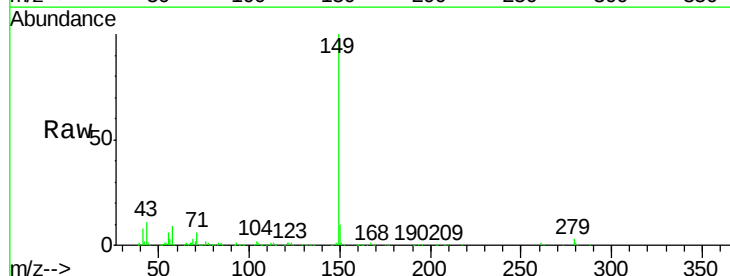
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BS

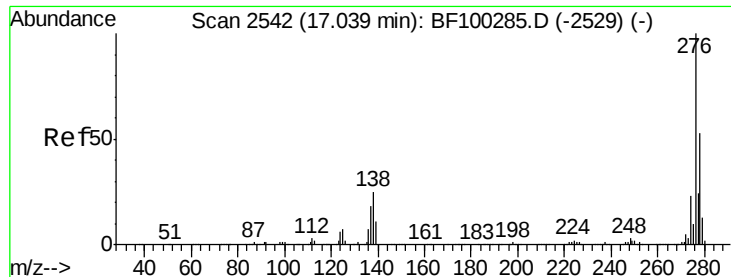
Tgt Ion:149 Resp: 399828
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 49.56 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF100563.D
 Acq: 15 Nov 2017 2:34

Tgt Ion:149 Resp: 726239
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.87 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

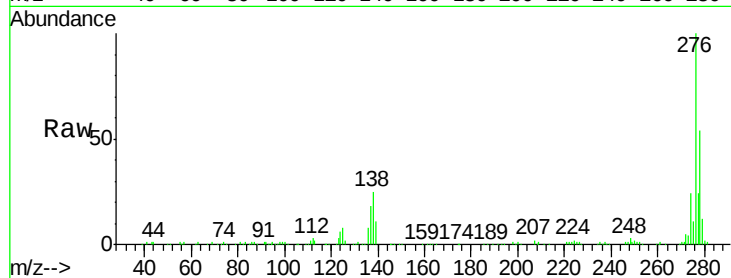
Tgt Ion:276 Resp: 419487

Ion Ratio Lower Upper

276 100

138 27.5 25.0 37.6

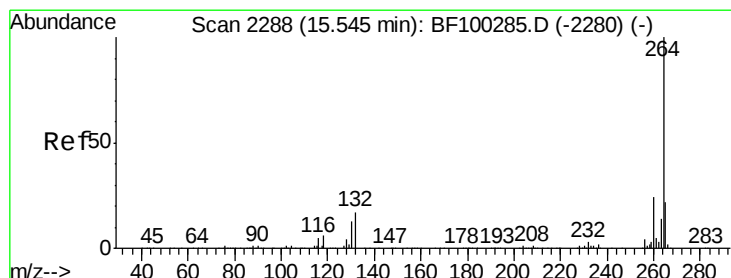
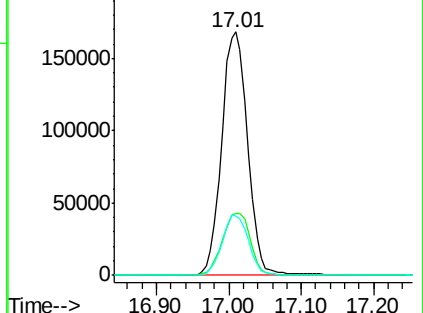
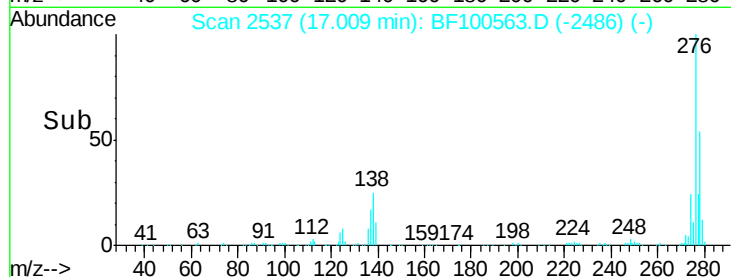
277 25.2 20.1 30.1



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. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

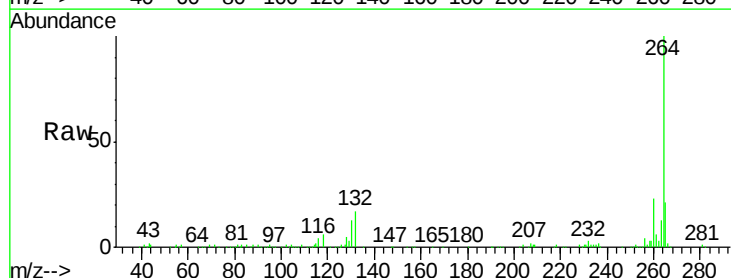
Tgt Ion:264 Resp: 175889

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

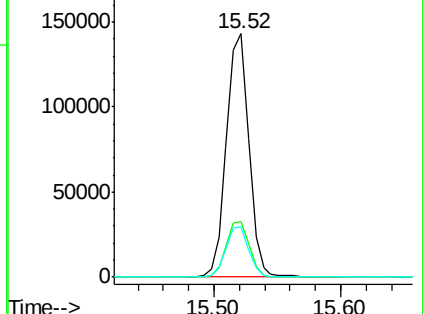
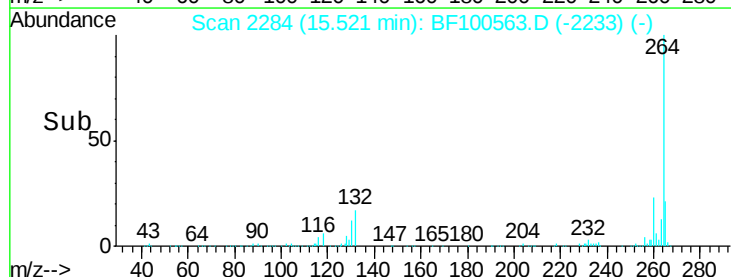
265 20.6 17.5 26.3

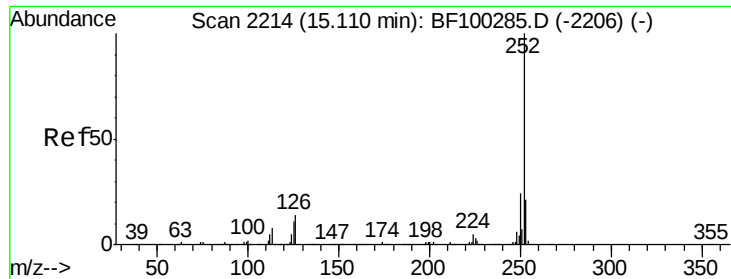


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.75 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

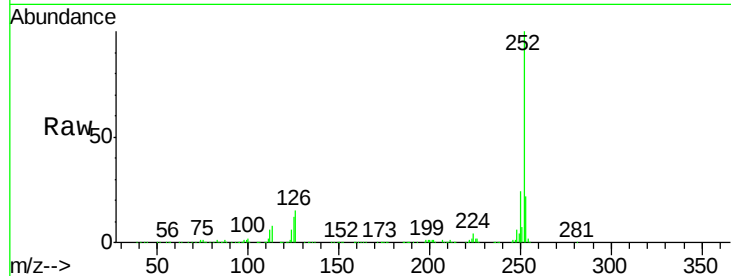
Tgt Ion:252 Resp: 497579

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

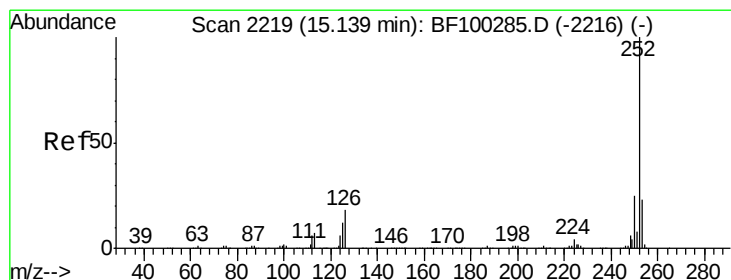
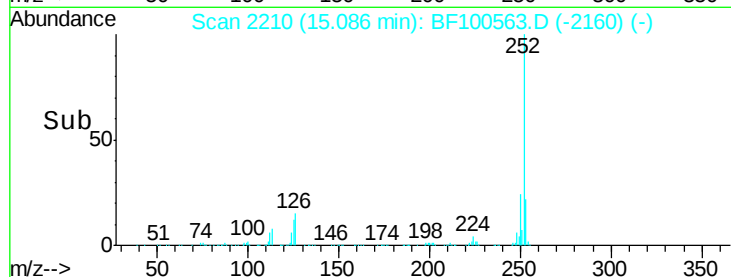
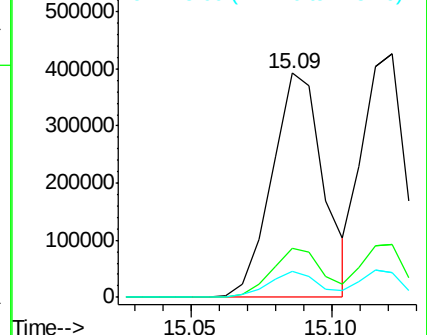
125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.54 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.04 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

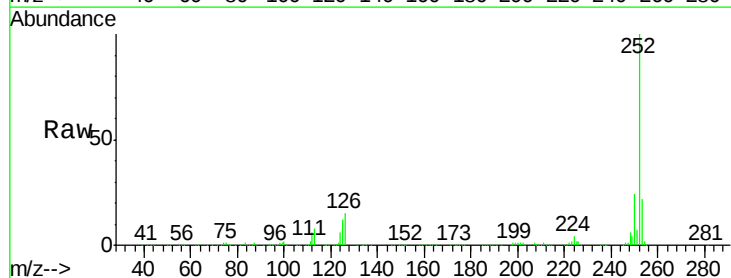
Tgt Ion:252 Resp: 497579

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

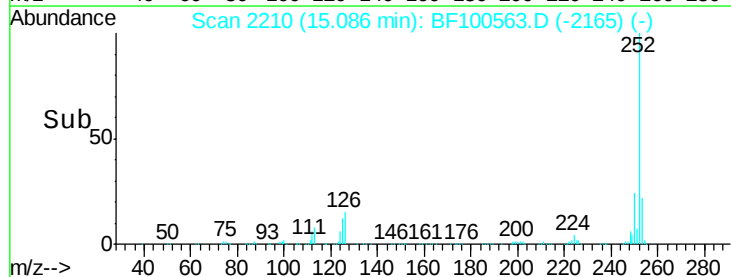
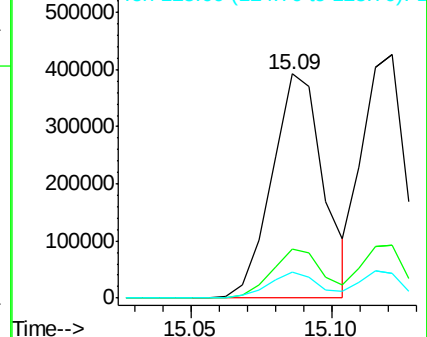
125 11.5 10.2 15.2

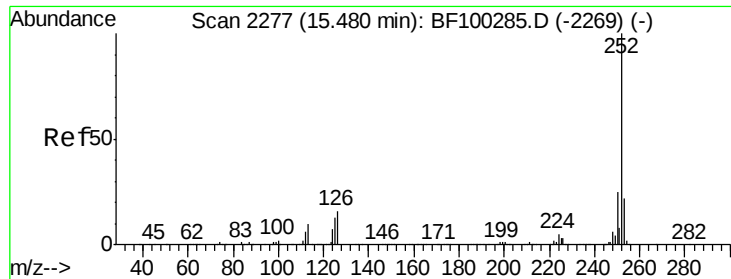


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.65 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

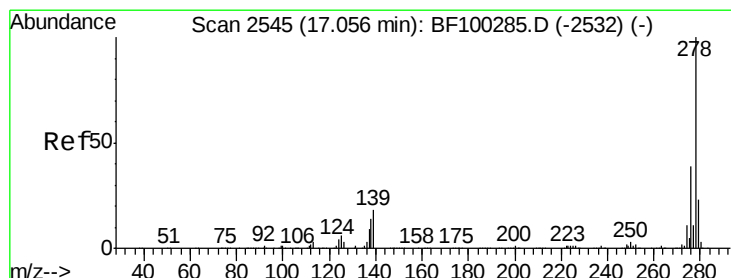
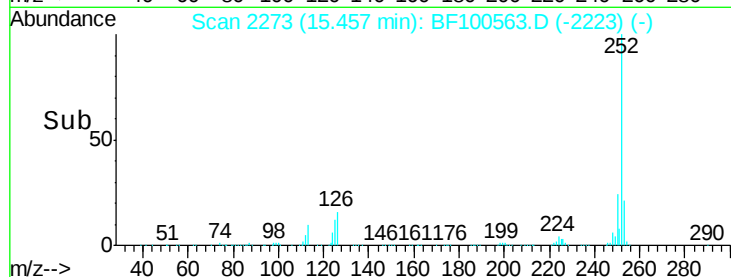
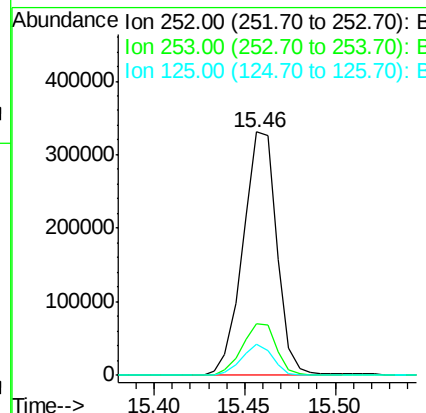
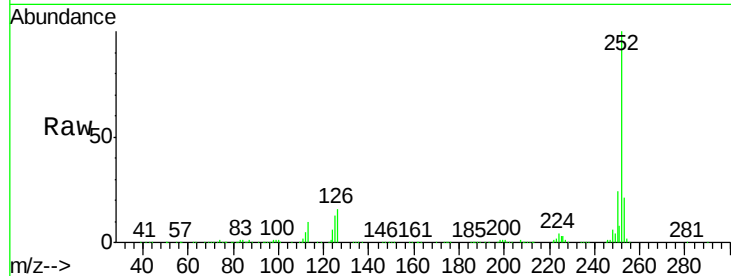
Instrument :

BNA_F

ClientSampleId :

PB104235BS

Tgt Ion:	252	Resp:	430977
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	12.6	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 46.54 ng

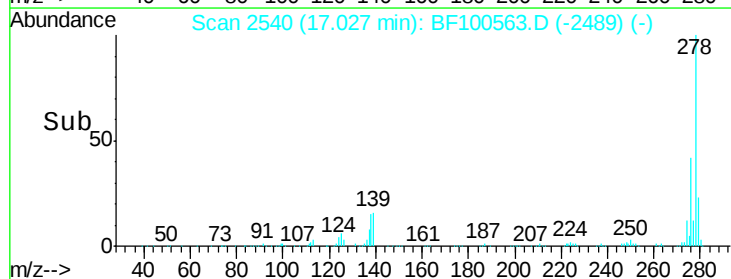
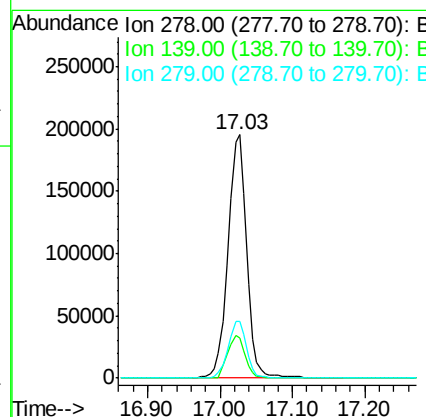
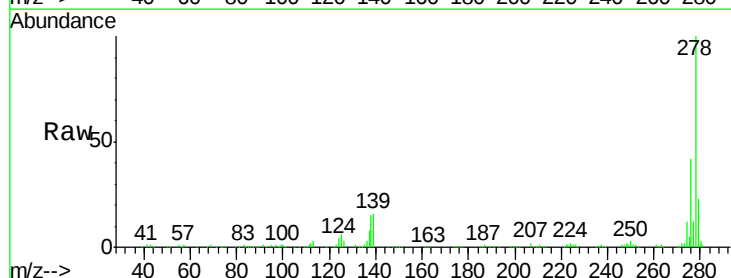
RT: 17.03 min Scan# 2540

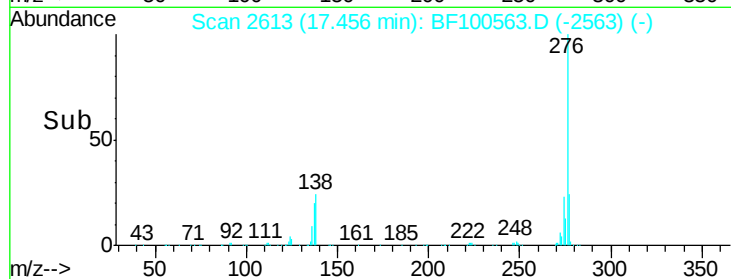
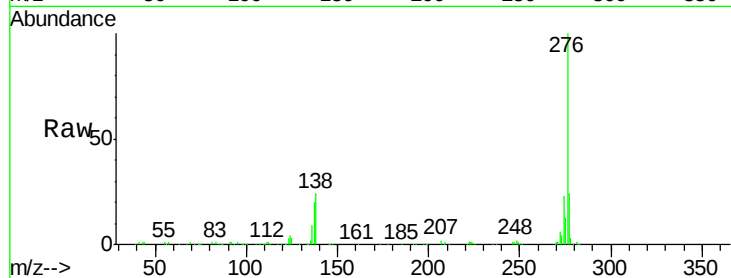
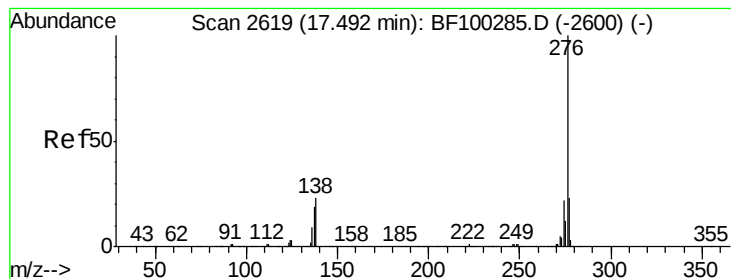
Delta R.T. 0.00 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Tgt Ion:	278	Resp:	351643
Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 46.02 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF100563.D

Acq: 15 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

PB104235BS

Tgt Ion: 276 Resp: 340315

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 24.3 21.8 32.8

