

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100622.D
 Acq On : 16 Nov 2017 11:19
 Operator : SJ/JU
 Sample : PB104248BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Quant Time: Nov 16 12:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102291	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	416029	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	196548	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	389516	20.00	ng	0.00
75) Chrysene-d12	14.04	240	296076	20.00	ng	0.00
86) Perylene-d12	15.51	264	221061	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	667960	104.68	ng	0.01
7) Phenol-d6	6.51	99	810406	102.99	ng	0.00
23) Nitrobenzene-d5	7.45	82	512246	81.40	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	232004	115.84	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1018111	78.88	ng	0.00
78) Terphenyl-d14	12.99	244	1018973	79.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	94059	30.246	ng	96
3) Pyridine	3.52	79	258048	30.415	ng	96
4) n-Nitrosodimethylamine	3.47	42	120737	29.310	ng	98
6) Aniline	6.55	93	146033	13.136	ng	99
8) 2-Chlorophenol	6.67	128	245101	36.307	ng	97
9) Benzaldehyde	6.43	77	100164	17.824	ng	93
10) Phenol	6.52	94	292431	35.400	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	229436	33.066	ng	95
12) 1,3-Dichlorobenzene	6.82	146	278635	35.800	ng	98
13) 1,4-Dichlorobenzene	6.90	146	279655	35.501	ng	98
14) 1,2-Dichlorobenzene	7.05	146	265651	36.473	ng	98
15) Benzyl Alcohol	7.02	79	210993	34.356	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	415072	37.402	ng	99
17) 2-Methylphenol	7.13	107	212056	36.758	ng	99
18) Hexachloroethane	7.39	117	96179	37.030	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	170804	31.299	ng	98
20) 3+4-Methylphenols	7.28	107	256135	35.086	ng	# 87
22) Acetophenone	7.29	105	332798	32.805	ng	# 99
24) Nitrobenzene	7.46	77	257067	39.691	ng	99
25) Isophorone	7.70	82	470818	35.605	ng	100
26) 2-Nitrophenol	7.78	139	137733	45.653	ng	92
27) 2,4-Dimethylphenol	7.81	122	237755	40.108	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	302849	35.013	ng	99
29) 2,4-Dichlorophenol	8.02	162	219835	38.847	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	229506	37.493	ng	96
31) Naphthalene	8.19	128	709263	35.396	ng	99
32) Benzoic acid	7.90	122	53583	18.870	ng	98
33) 4-Chloroaniline	8.23	127	73712	8.837	ng	98
34) Hexachlorobutadiene	8.30	225	130240	35.784	ng	99
35) Caprolactam	8.60	113	44764	23.050	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	224012	36.858	ng	94
37) 2-Methylnaphthalene	8.87	142	493601	37.103	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	224488	34.439	ng	98
40) Hexachlorocyclopentadiene	9.03	237	228912	74.614	ng	99

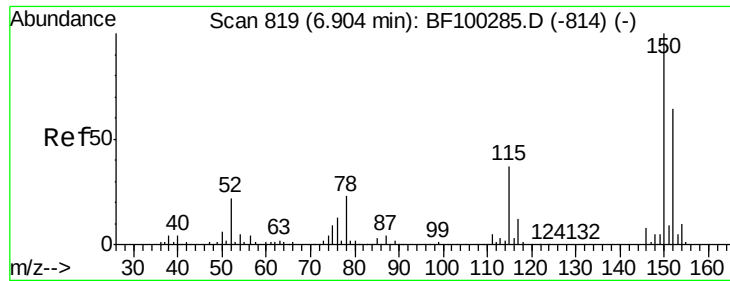
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100622.D
 Acq On : 16 Nov 2017 11:19
 Operator : SJ/JU
 Sample : PB104248BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	163575	39.594	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	167829	39.209	ng	# 91
45) 1,1'-Biphenyl	9.34	154	590765	34.752	ng	98
46) 2-Chloronaphthalene	9.37	162	463327	37.570	ng	95
47) 2-Nitroaniline	9.46	65	143400	39.854	ng	93
48) Acenaphthylene	9.78	152	718782	35.169	ng	99
49) Dimethylphthalate	9.64	163	536338	35.740	ng	99
50) 2,6-Dinitrotoluene	9.70	165	123533	41.587	ng	97
51) Acenaphthene	9.95	154	449133	36.134	ng	99
52) 3-Nitroaniline	9.87	138	60595	17.275	ng	# 90
53) 2,4-Dinitrophenol	9.97	184	63084	57.085	ng	# 16
54) Dibenzofuran	10.13	168	631544	36.252	ng	97
55) 4-Nitrophenol	10.03	139	203357	71.398	ng	95
56) 2,4-Dinitrotoluene	10.10	165	163590	43.654	ng	93
57) Fluorene	10.47	166	481558	37.733	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	142601	40.649	ng	# 84
59) Diethylphthalate	10.34	149	533834	35.547	ng	96
60) 4-Chlorophenyl-phenylether	10.46	204	237864	37.993	ng	91
61) 4-Nitroaniline	10.49	138	125841	37.835	ng	85
62) Azobenzene	10.62	77	491502	34.750	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	59709	33.509	ng	83
65) n-Nitrosodiphenylamine	10.57	169	467369	34.508	ng	94
66) 4-Bromophenyl-phenylether	10.95	248	152284	36.470	ng	90
67) Hexachlorobenzene	11.02	284	162565	37.225	ng	# 85
68) Atrazine	11.10	200	152318	37.153	ng	97
69) Pentachlorophenol	11.20	266	164484	52.526	ng	98
70) Phenanthrene	11.43	178	738998	36.034	ng	99
71) Anthracene	11.48	178	761452	36.596	ng	99
72) Carbazole	11.63	167	684566	35.657	ng	99
73) Di-n-butylphthalate	11.96	149	858588	38.215	ng	# 98
74) Fluoranthene	12.62	202	794044	36.533	ng	98
76) Benzidine	12.73	184	206135	17.385	ng	98
77) Pyrene	12.84	202	814026	38.569	ng	99
79) Butylbenzylphthalate	13.46	149	354874	41.230	ng	94
80) Benzo(a)anthracene	14.03	228	661542	37.104	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	110624	17.317	ng	# 95
82) Chrysene	14.07	228	622003	36.026	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	479893	42.392	ng	99
84) Di-n-octyl phthalate	14.62	149	707576	36.384	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	510349	36.544	ng	95
87) Benzo(b)fluoranthene	15.08	252	513491	39.208	ng	100
88) Benzo(k)fluoranthene	15.11	252	448567	36.249	ng	98
89) Benzo(a)pyrene	15.45	252	443996	38.240	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	414977	43.703	ng	97
91) Benzo(g,h,i)perylene	17.45	276	438511	47.178	ng	# 93

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

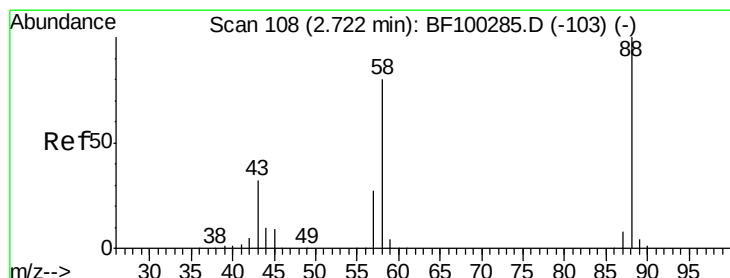
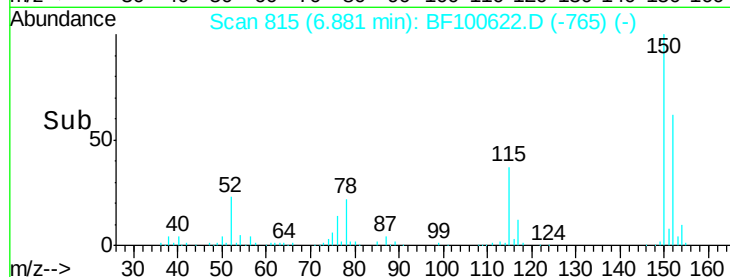
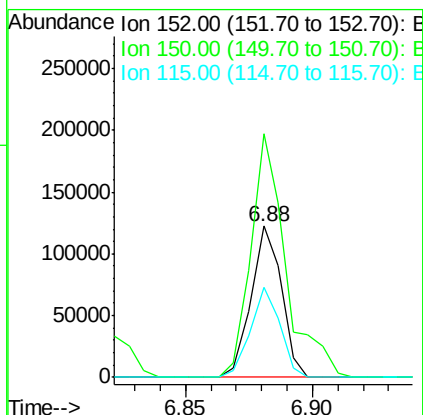
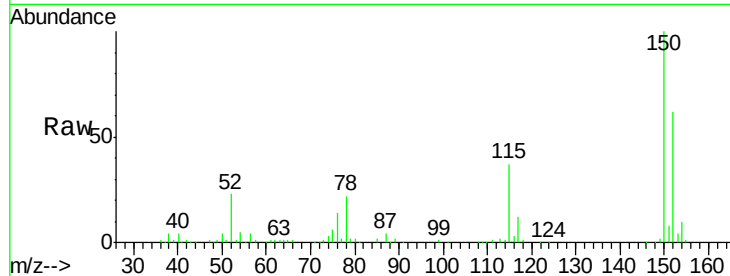


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

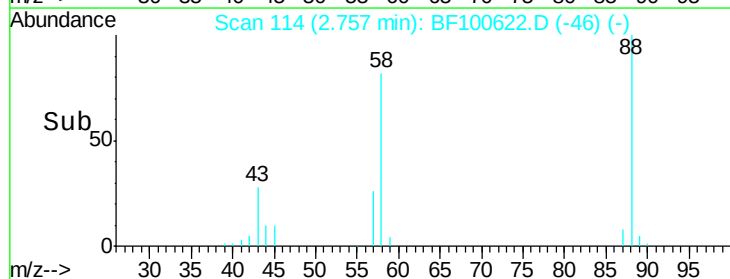
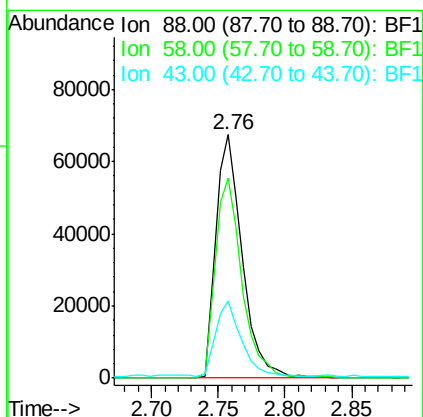
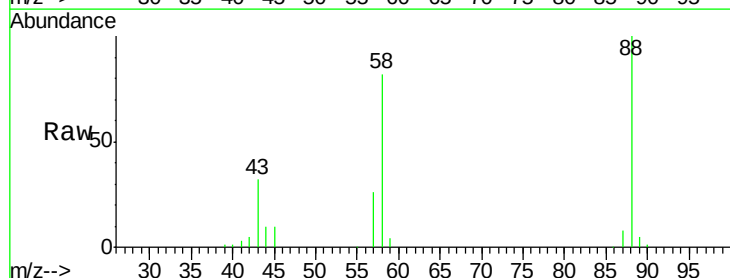
Tgt Ion:152 Resp: 102291
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 59.5 50.1 75.1

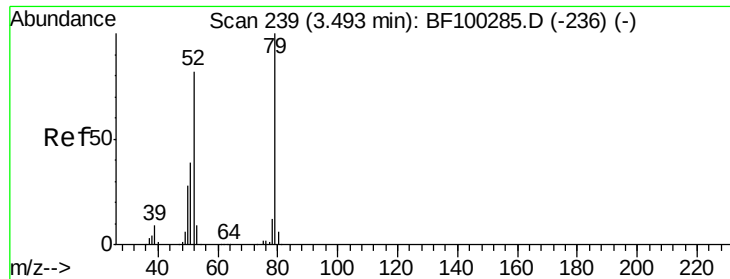


#2

1,4-Dioxane
Concen: 30.246 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.10 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion: 88 Resp: 94059
Ion Ratio Lower Upper
88 100
58 83.0 62.6 93.8
43 30.2 24.6 37.0

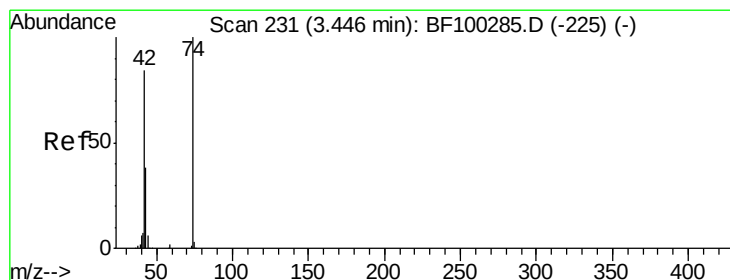
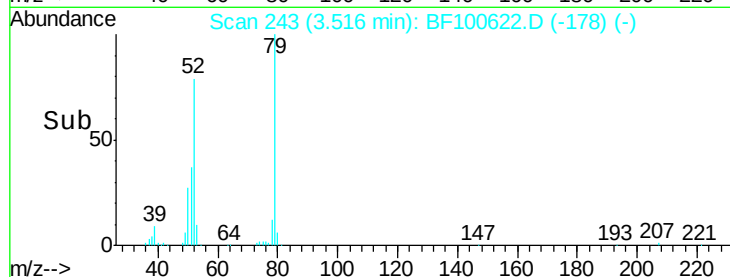
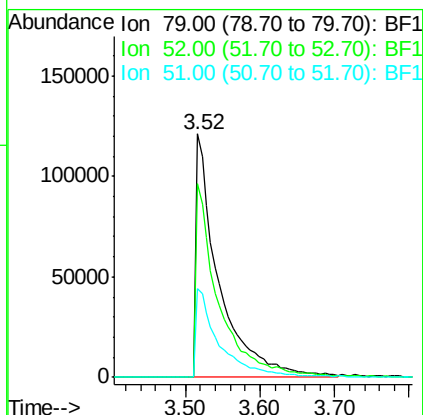
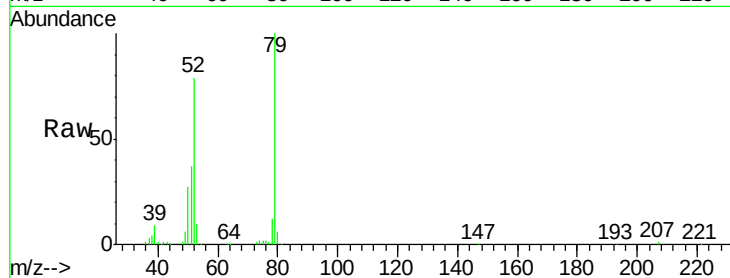




#3
 Pyridine
 Concen: 30.415 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.08 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

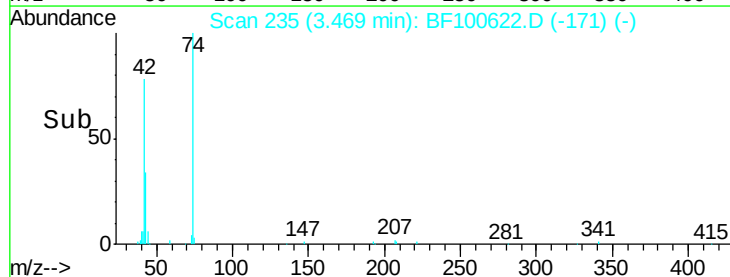
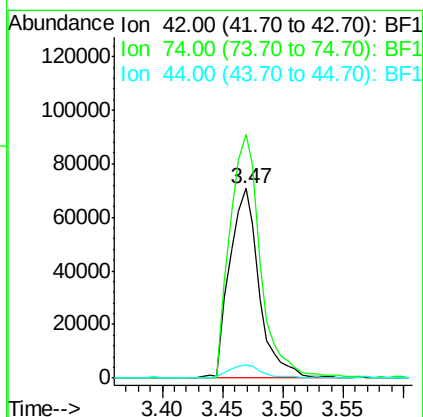
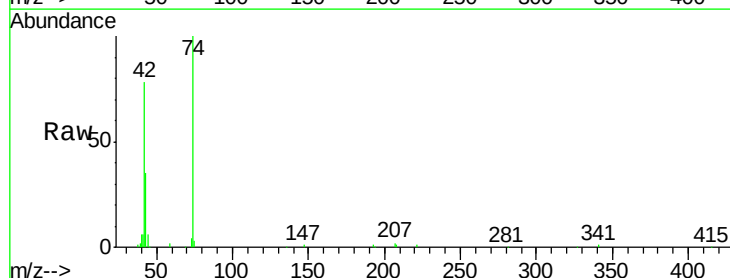
Instrument :
 BNA_F
 ClientSampleId :
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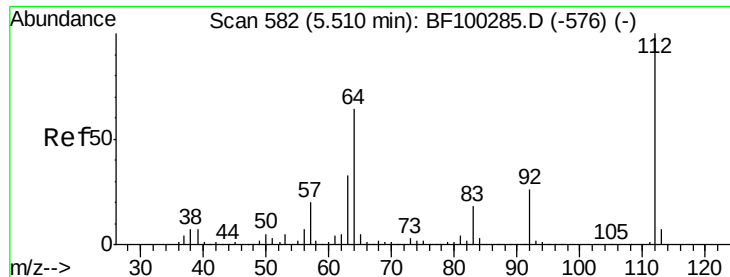
Tgt Ion: 79 Resp: 258048
 Ion Ratio Lower Upper
 79 100
 52 79.5 59.8 89.6
 51 36.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.310 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.08 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion: 42 Resp: 120737
 Ion Ratio Lower Upper
 42 100
 74 128.5 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 104.675 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

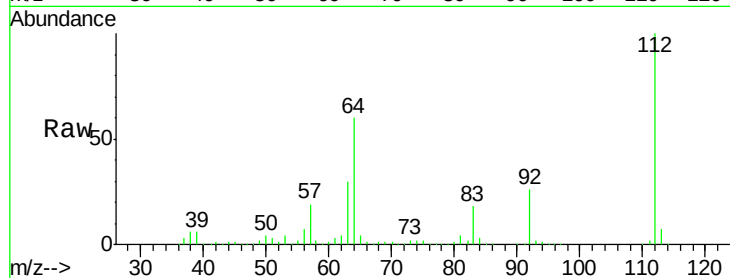
Tgt Ion: 112 Resp: 667960

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

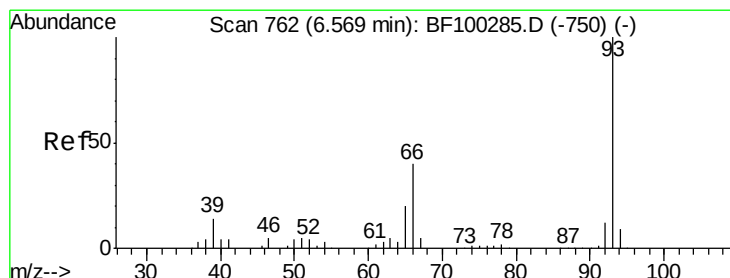
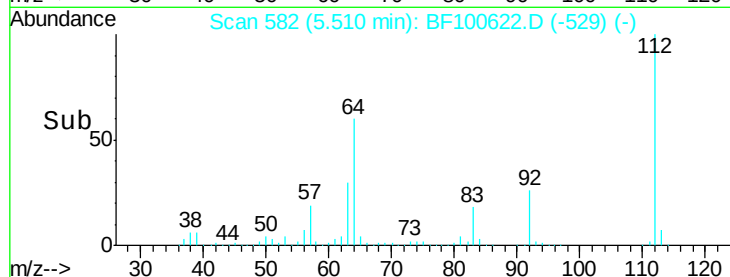
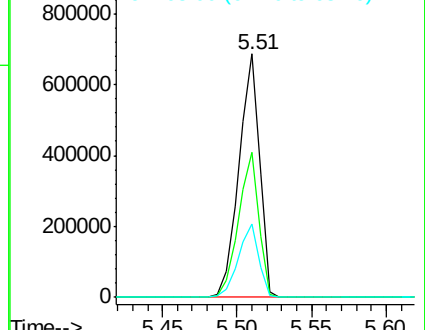
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.136 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

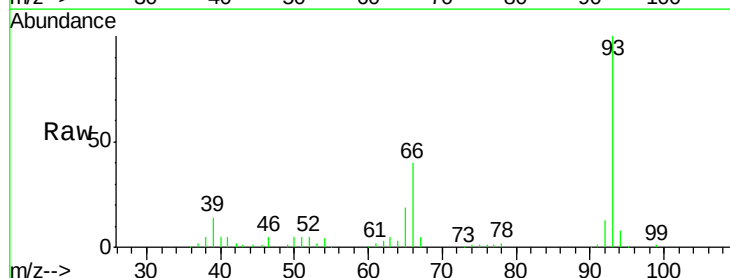
Tgt Ion: 93 Resp: 146033

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

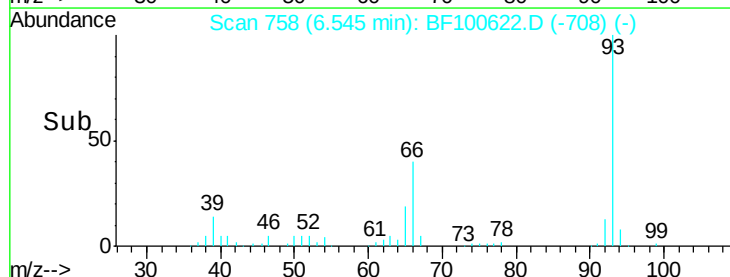
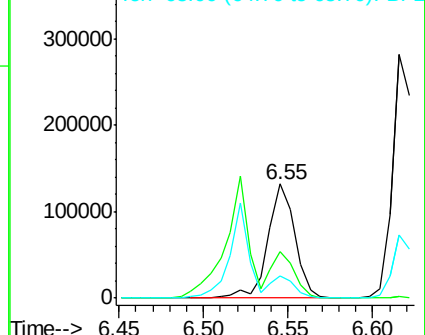
65 19.0 16.4 24.6

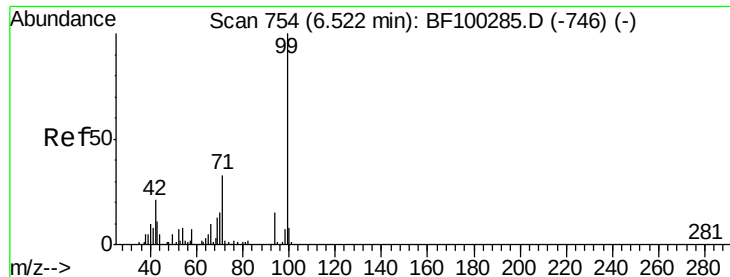


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.988 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

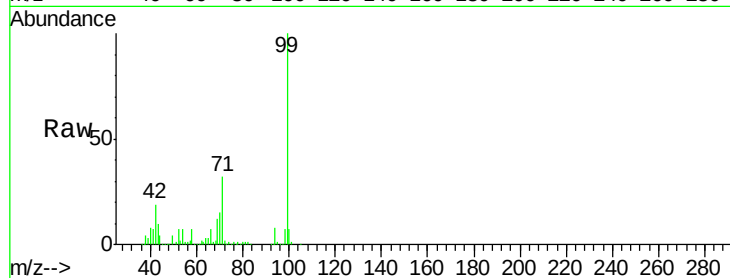
Tgt Ion: 99 Resp: 810406

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

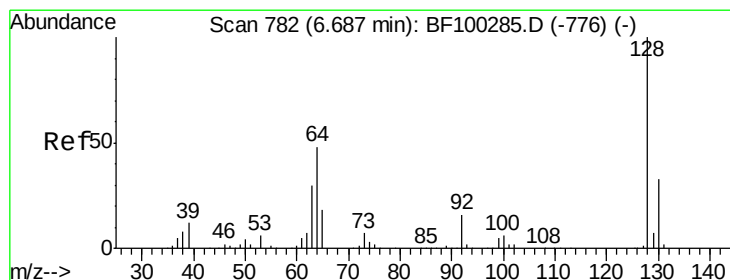
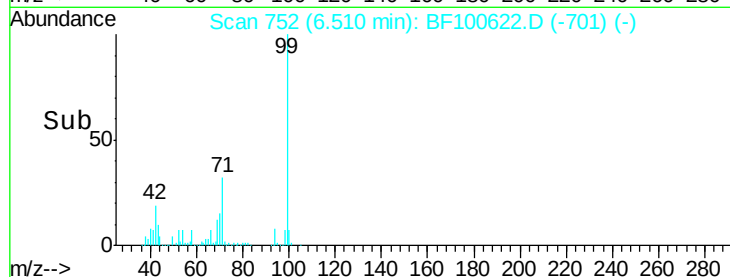
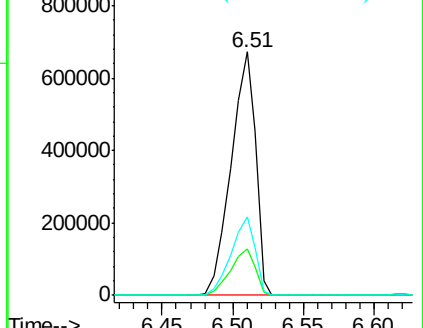
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.307 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

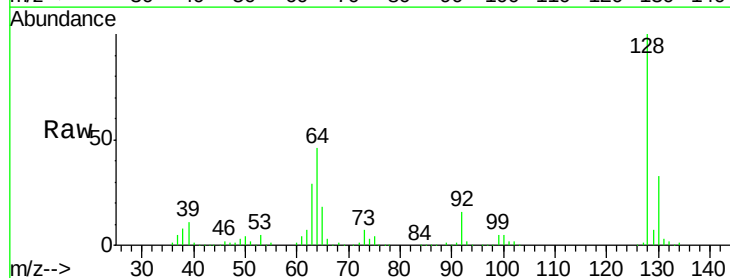
Tgt Ion: 128 Resp: 245101

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

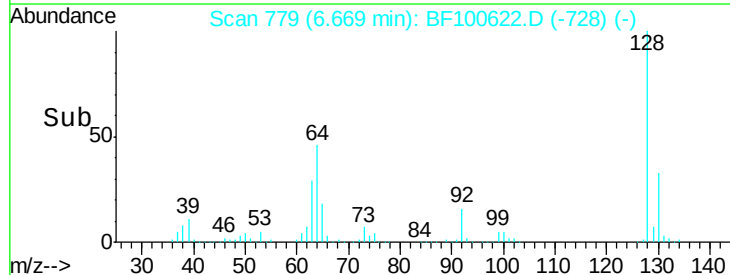
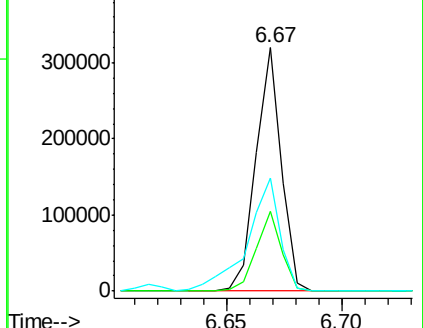
64 46.4 29.4 69.4

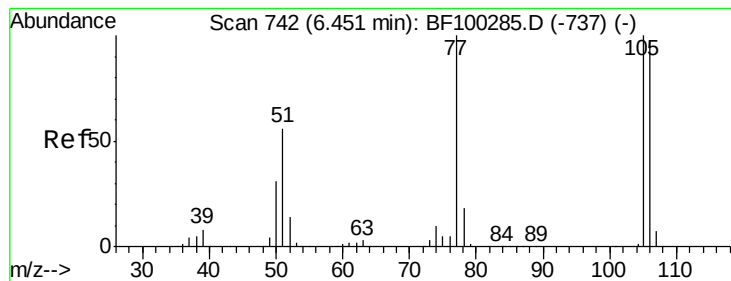


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.824 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

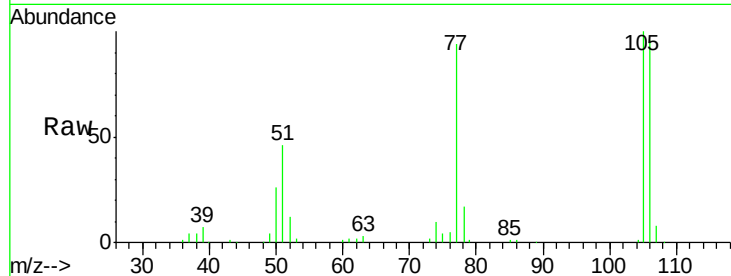
Tgt Ion: 77 Resp: 100164

Ion Ratio Lower Upper

77 100

105 106.8 81.1 121.1

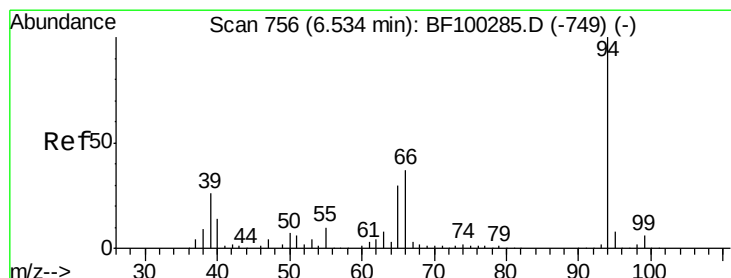
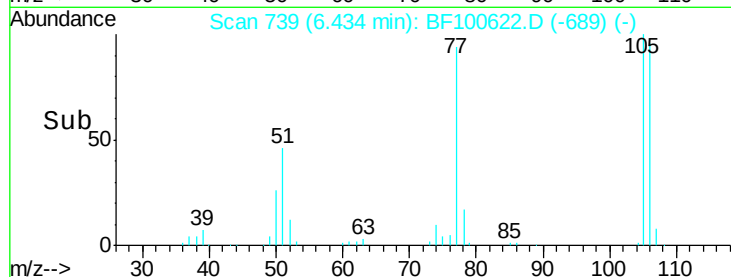
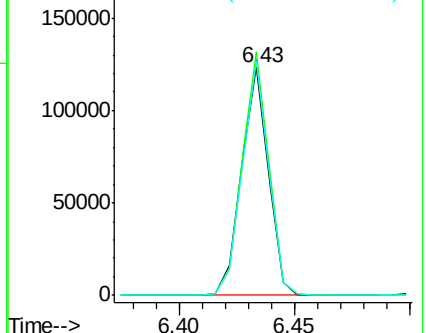
106 102.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.400 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

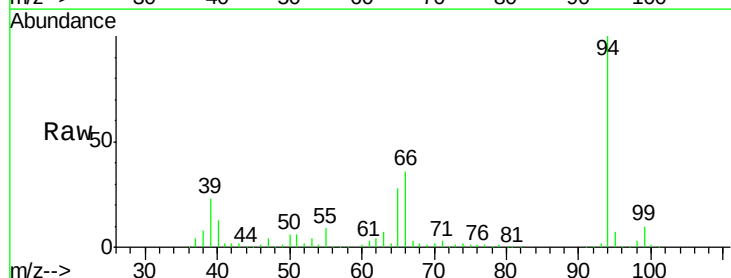
Tgt Ion: 94 Resp: 292431

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

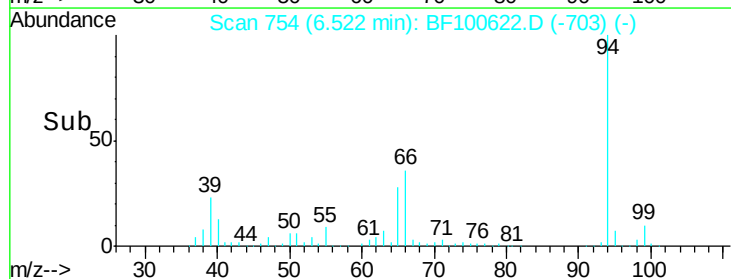
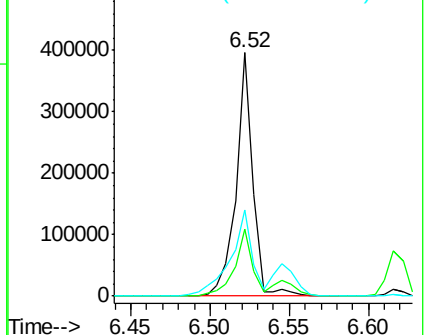
66 35.6 16.2 56.2

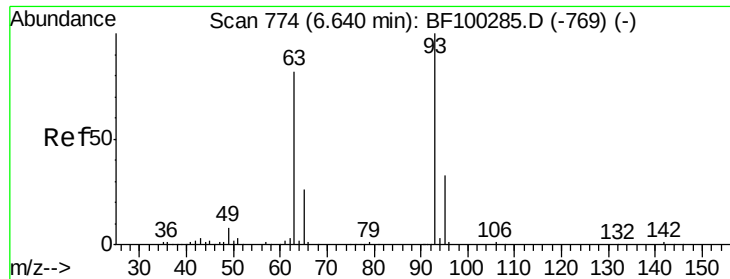


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

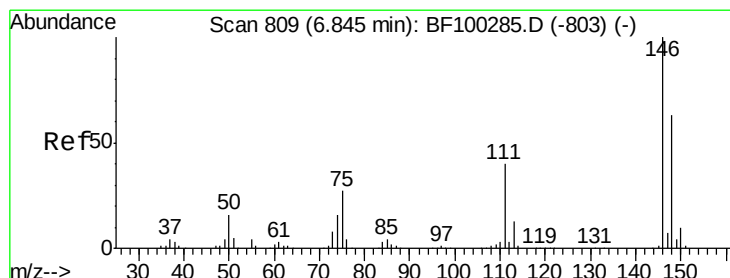
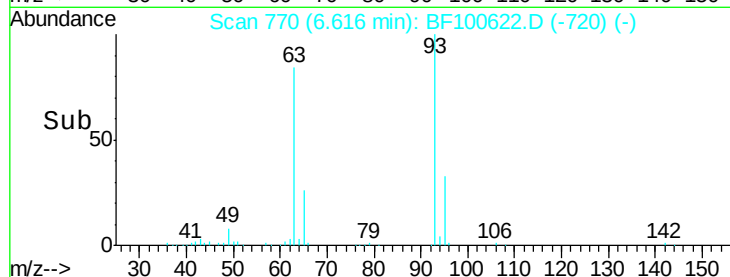
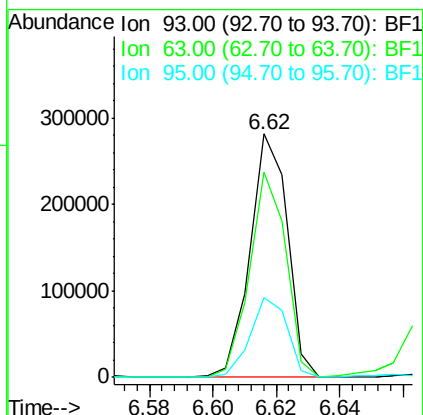
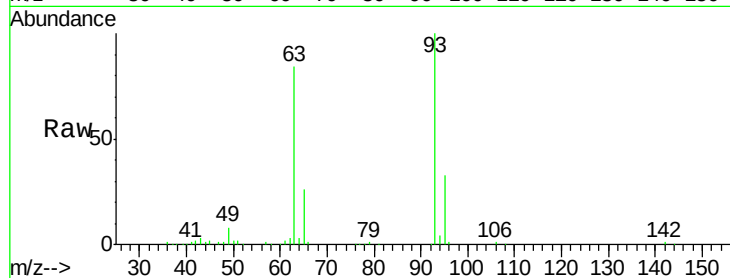




#11
bis(2-Chloroethyl)ether
Concen: 33.066 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

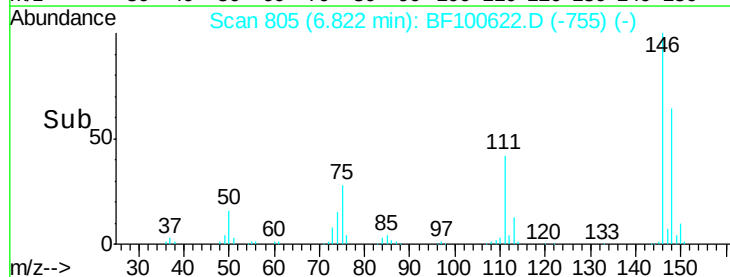
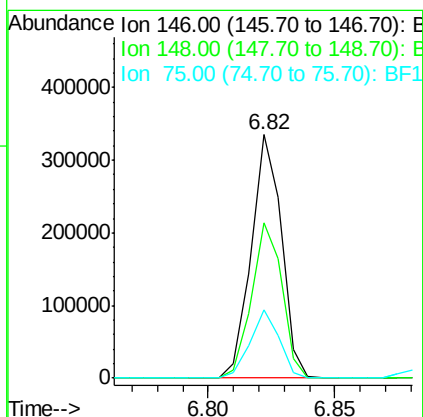
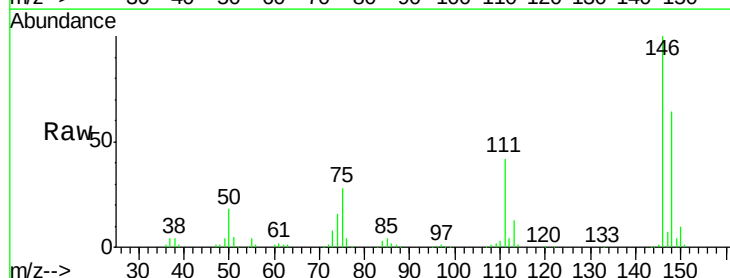
Instrument :
BNA_F
ClientSampleId :
PB104248BS

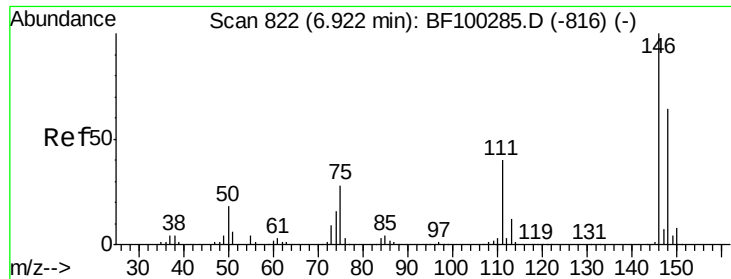
Tgt Ion: 93 Resp: 229436
Ion Ratio Lower Upper
93 100
63 84.2 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.800 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion: 146 Resp: 278635
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 28.2 24.2 36.4

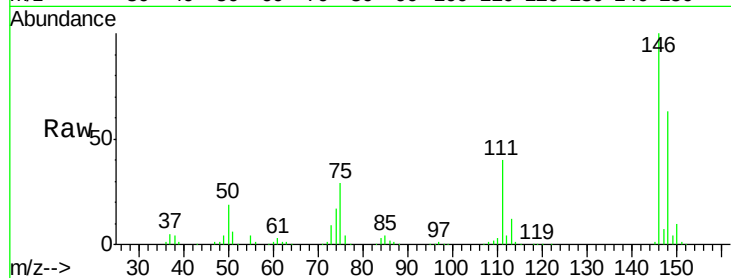




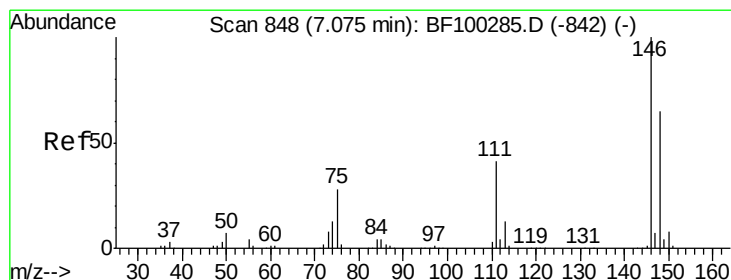
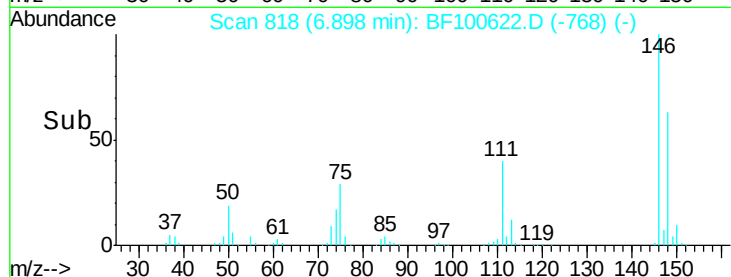
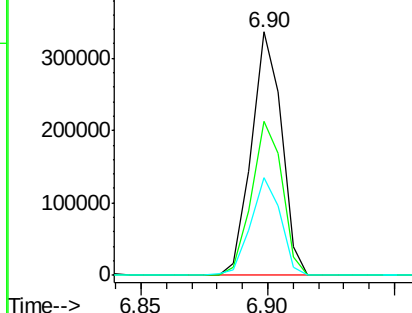
#13
 1,4-Dichlorobenzene
 Concen: 35.501 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Tgt Ion:146 Resp: 279655
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 40.2 34.2 51.2

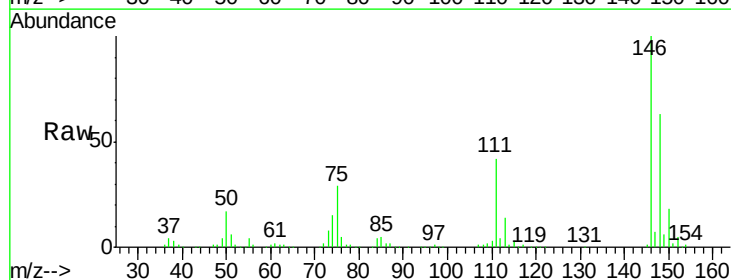


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

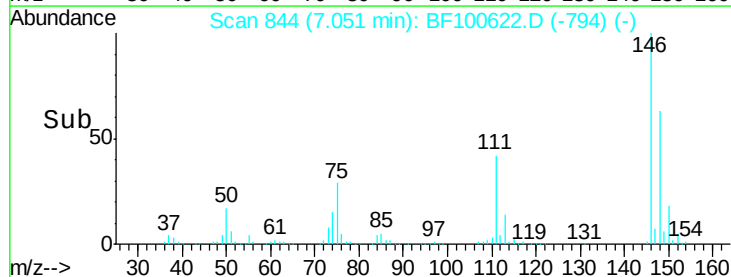
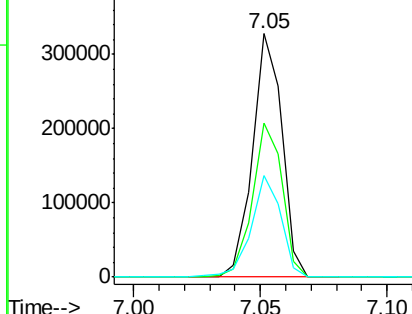


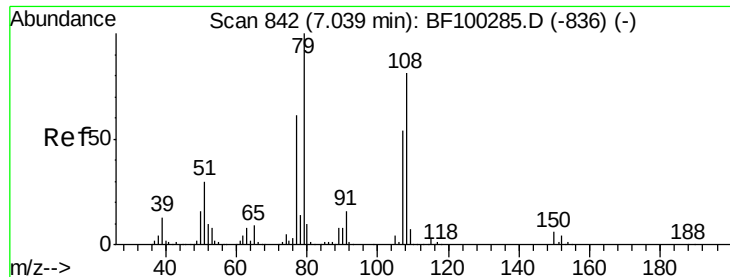
#14
 1,2-Dichlorobenzene
 Concen: 36.473 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:146 Resp: 265651
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 41.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 34.356 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

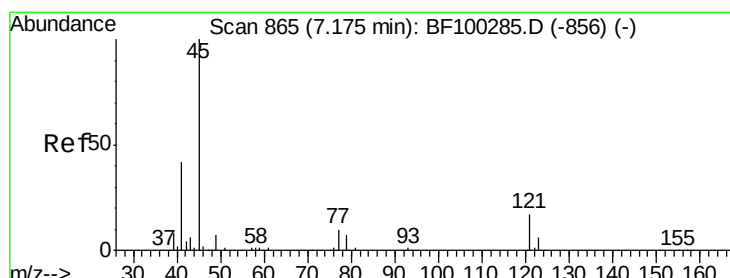
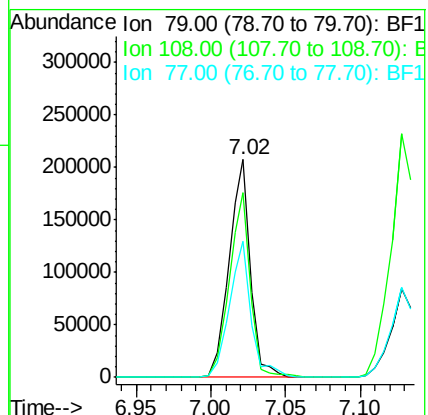
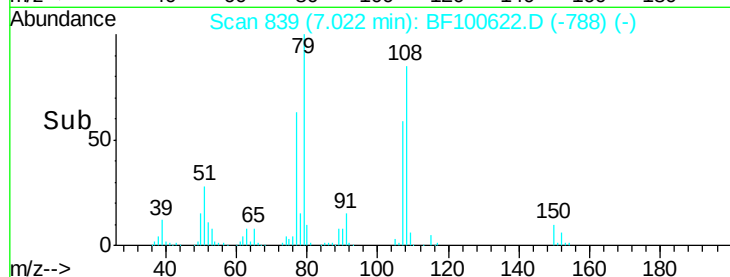
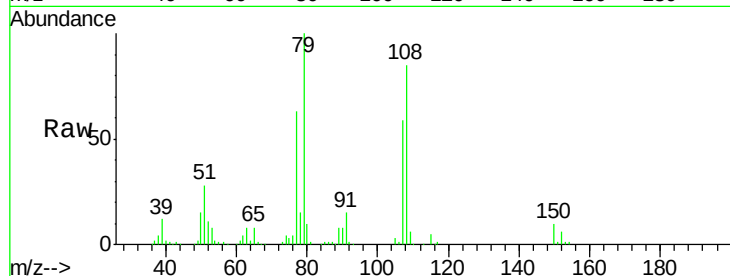
Tgt Ion: 79 Resp: 210993

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.402 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

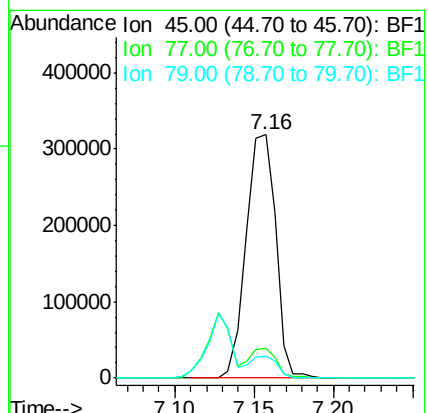
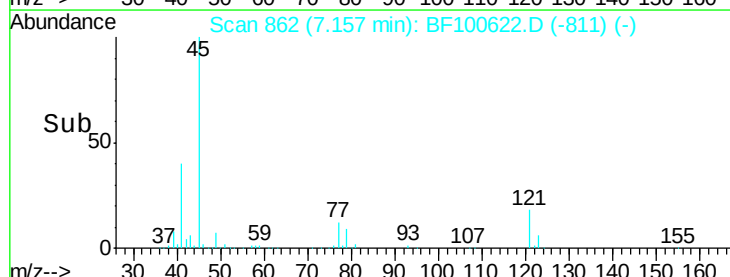
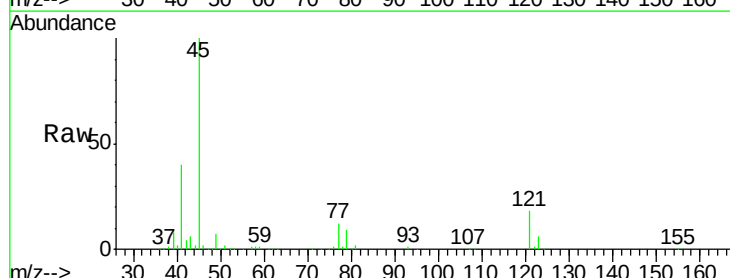
Tgt Ion: 45 Resp: 415072

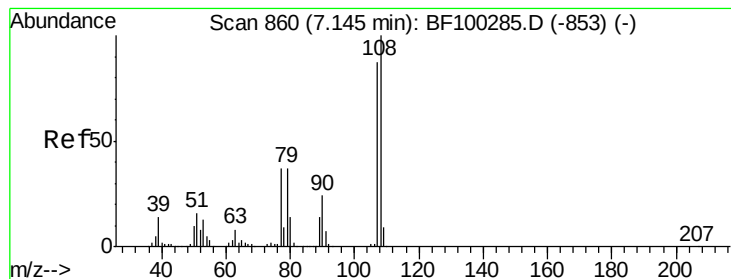
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.2 0.0 29.6





#17

2-Methylphenol

Concen: 36.758 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

Tgt Ion:107 Resp: 212056

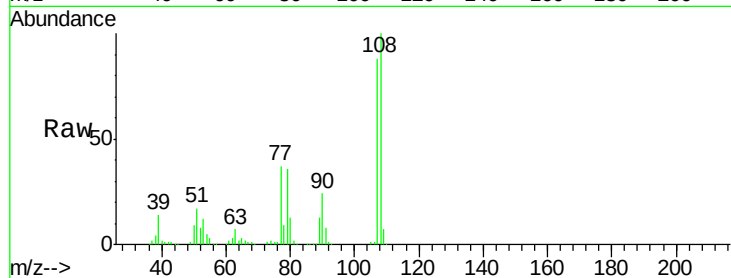
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 42.2 33.8 50.8

79 41.3 33.8 50.8

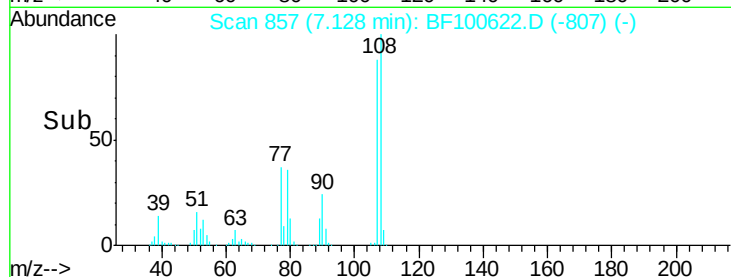


Abundance Ion 107.00 (106.70 to 107.70): E

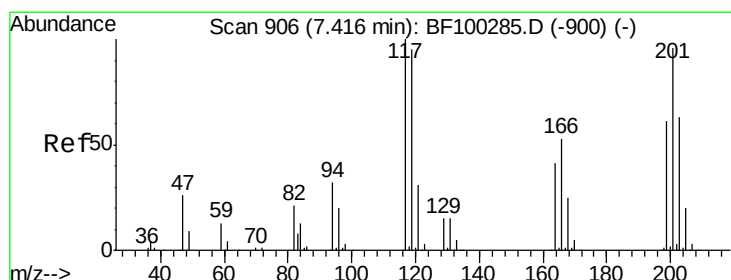
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 37.030 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

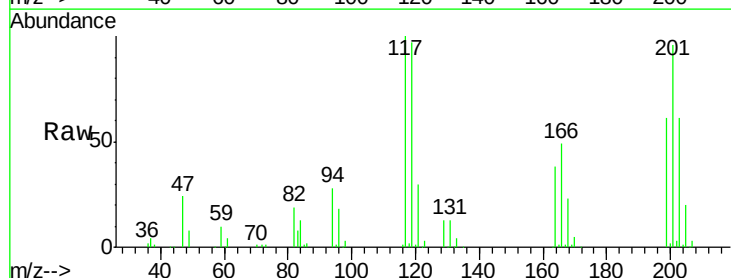
Tgt Ion:117 Resp: 96179

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

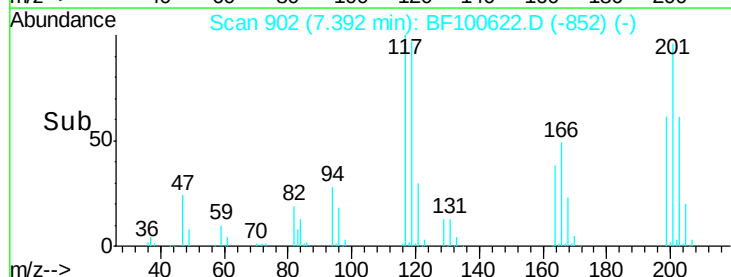
201 96.3 75.7 113.5



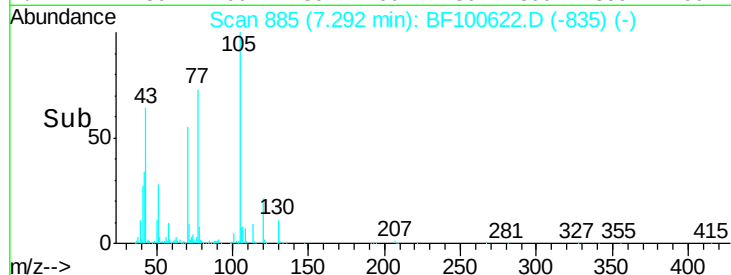
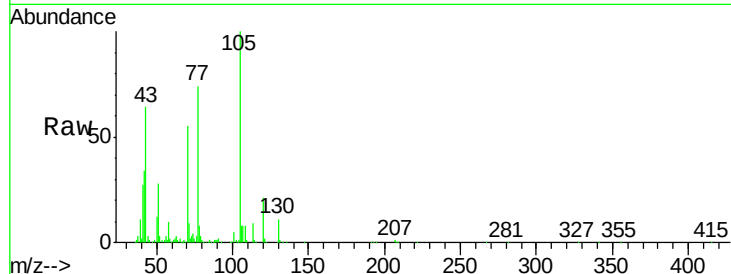
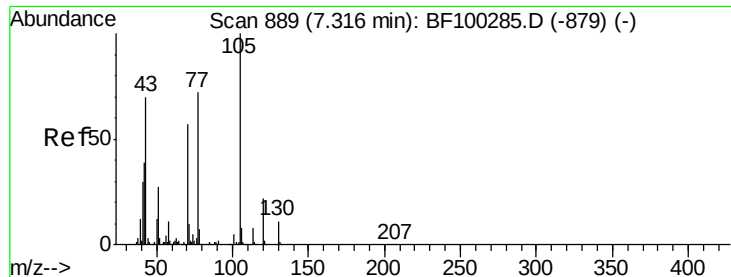
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



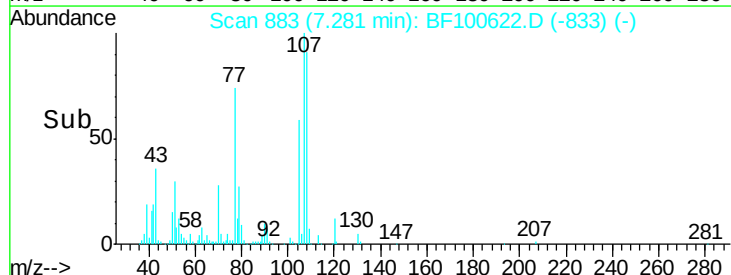
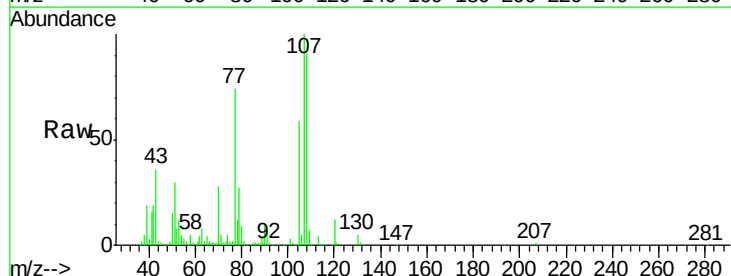
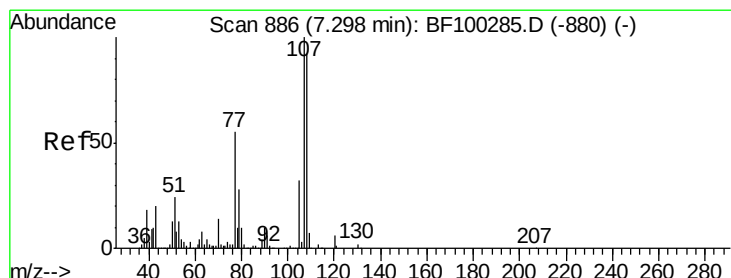
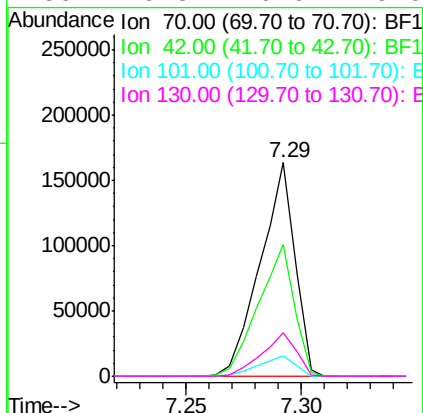
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 31.299 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

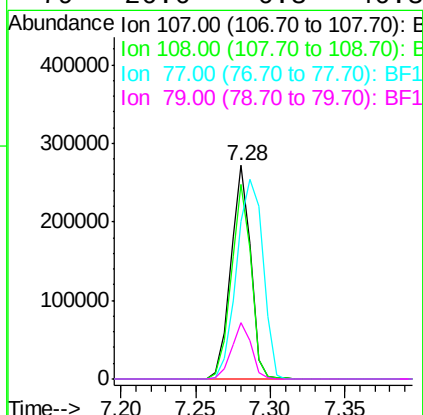
Instrument :
BNA_F
ClientSampleId :
PB104248BS

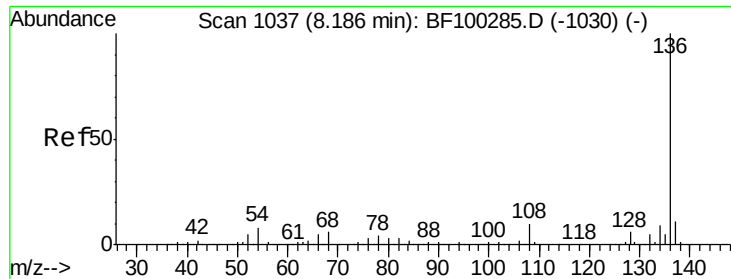
Tgt Ion:	70	Resp:	170804
Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	9.5	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.086 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:	107	Resp:	256135
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	73.7	26.7	66.7#
79	26.6	6.3	46.3

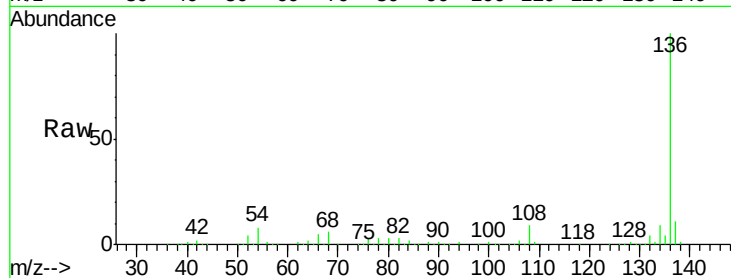




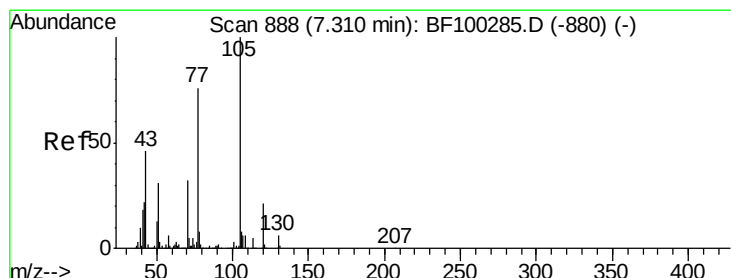
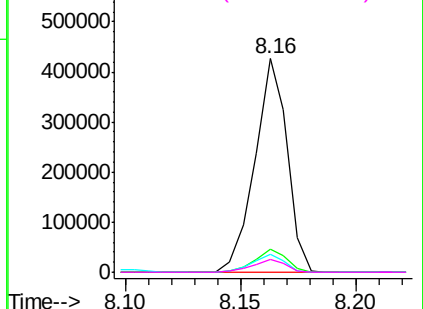
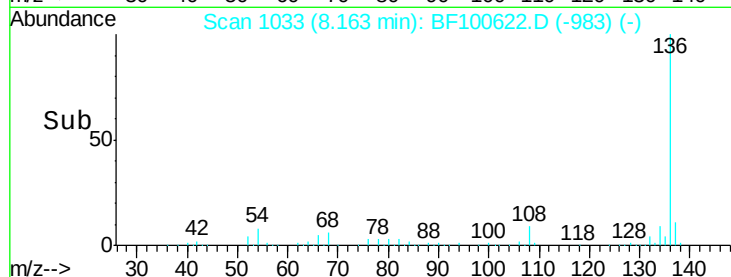
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Tgt Ion:	136	Resp:	416029
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	5.8	5.0	7.4

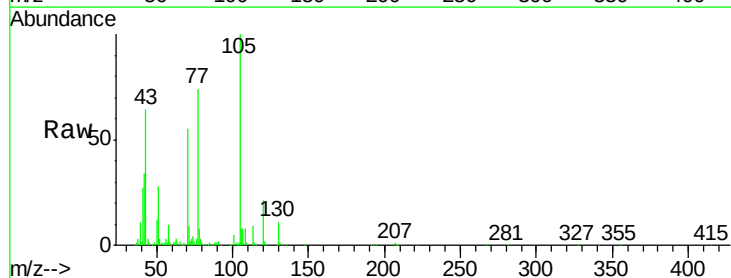


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

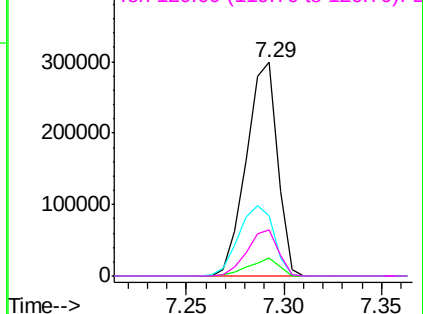
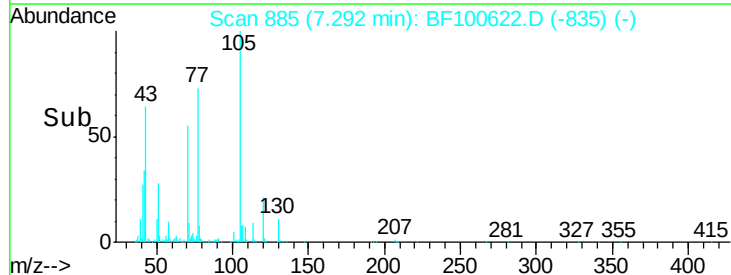


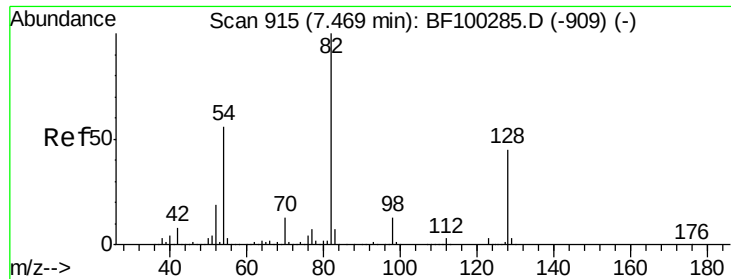
#22
Acetophenone
Concen: 32.805 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:	105	Resp:	332798
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	28.0	22.3	33.5
120	21.5	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

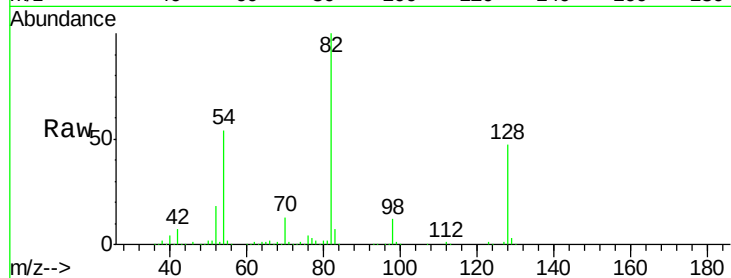




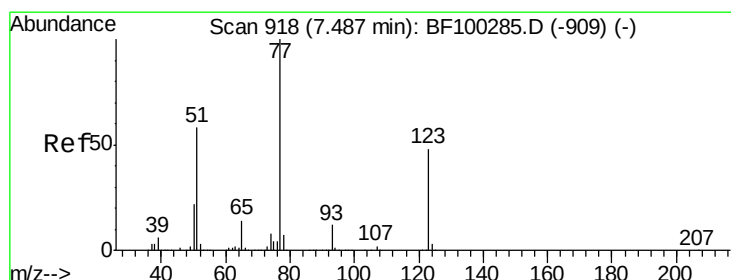
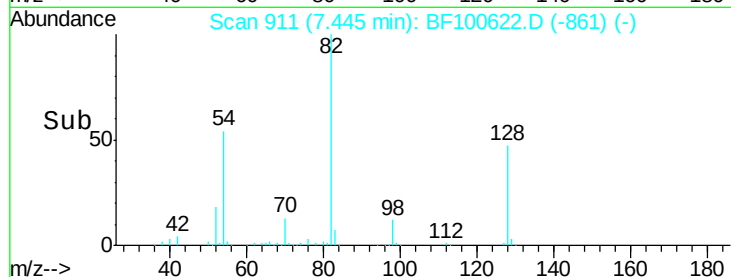
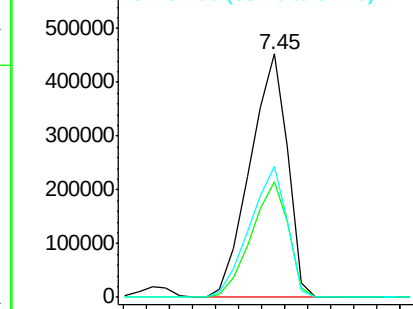
#23
 Nitrobenzene-d5
 Concen: 81.404 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	53.9	41.4	62.2

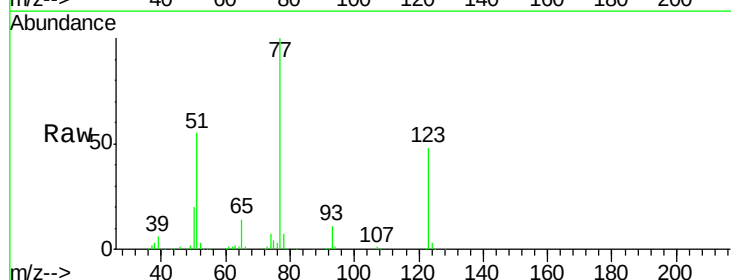


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

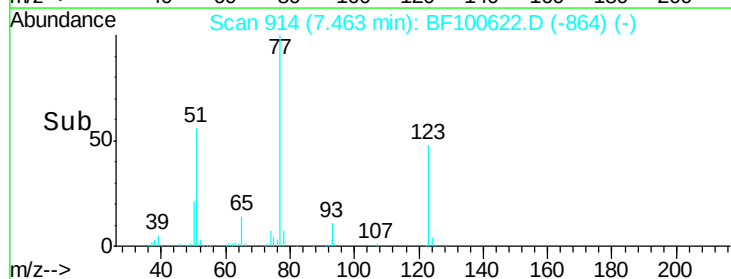
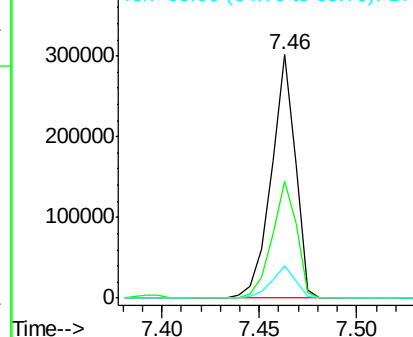


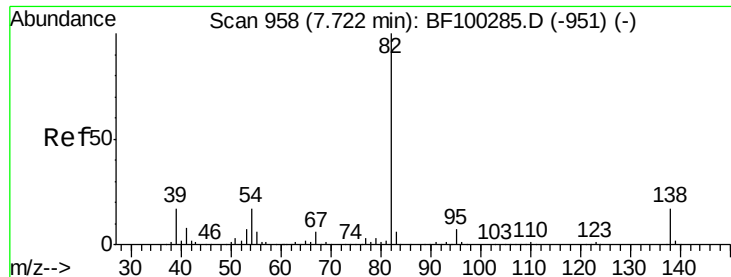
#24
 Nitrobenzene
 Concen: 39.691 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	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: 35.605 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampled :

PB104248BS

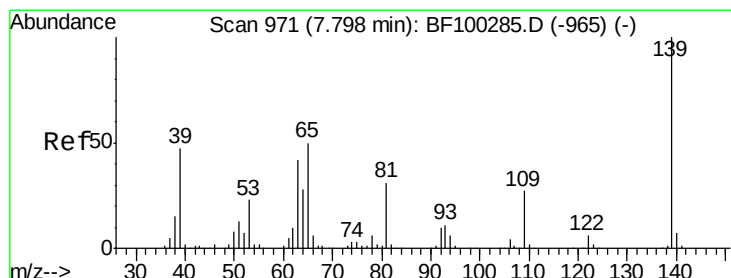
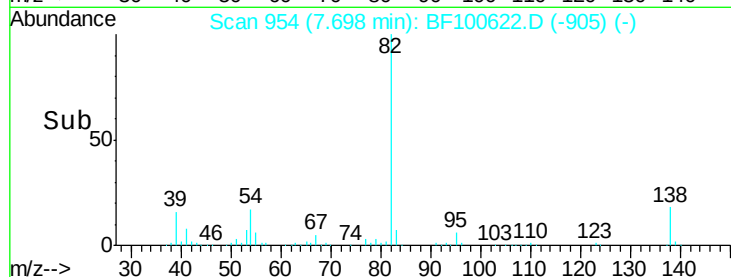
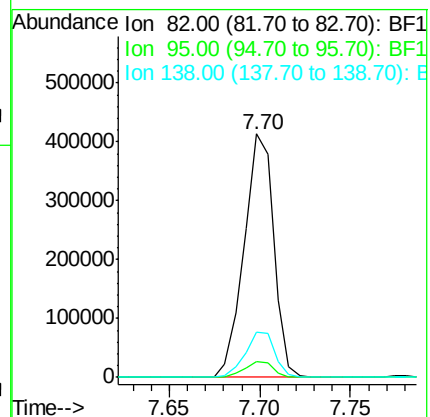
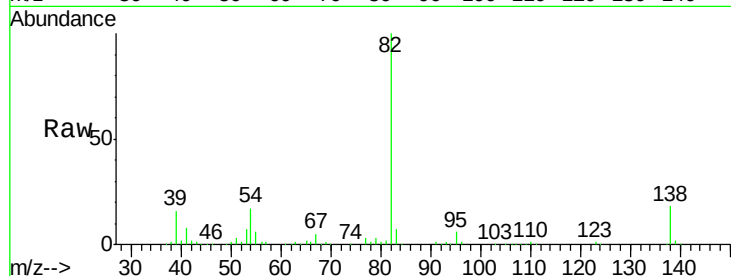
Tgt Ion: 82 Resp: 470818

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 45.653 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

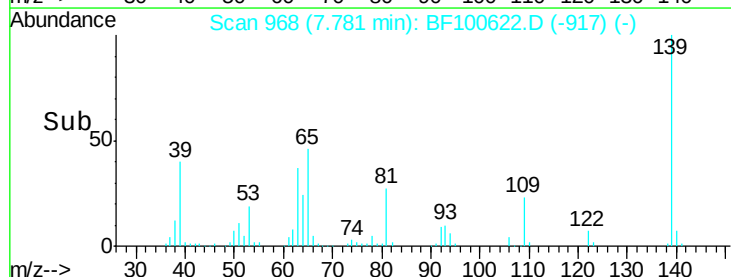
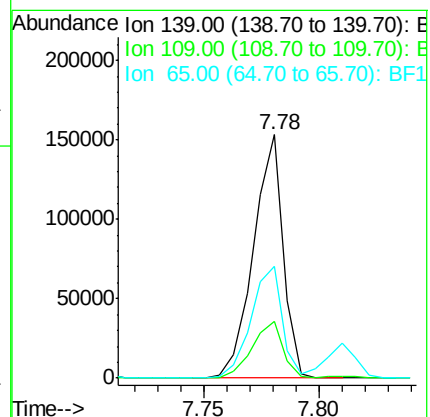
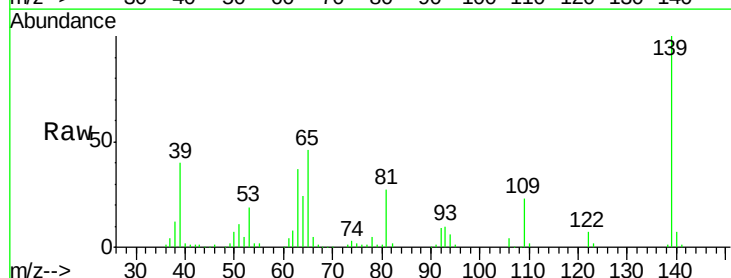
Tgt Ion: 139 Resp: 137733

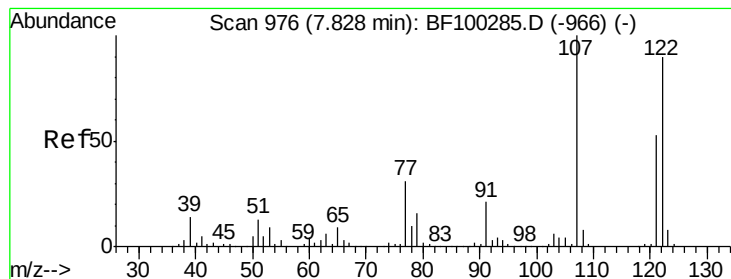
Ion Ratio Lower Upper

139 100

109 23.3 22.7 34.1

65 45.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.108 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

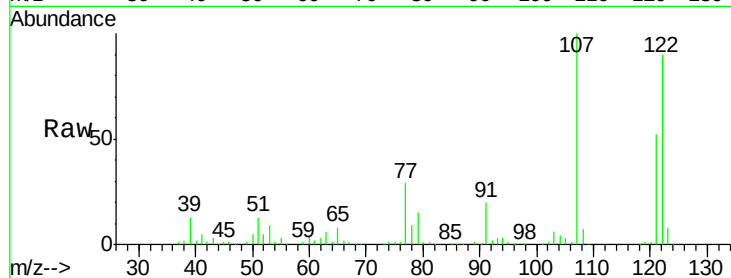
Tgt Ion: 122 Resp: 237755

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

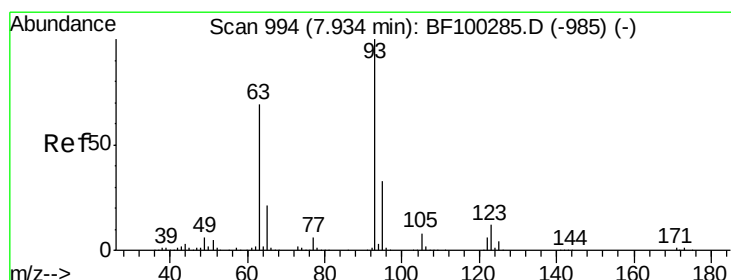
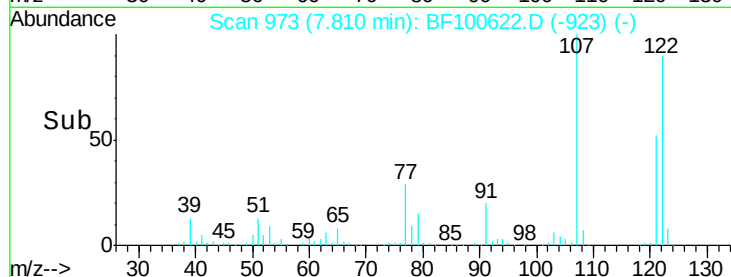
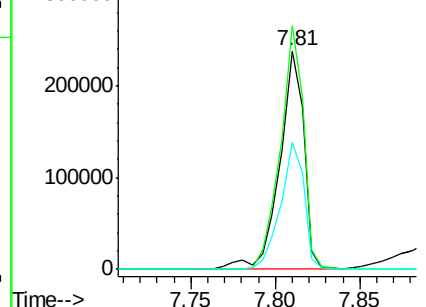
121 58.0 47.2 70.8



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: 35.013 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

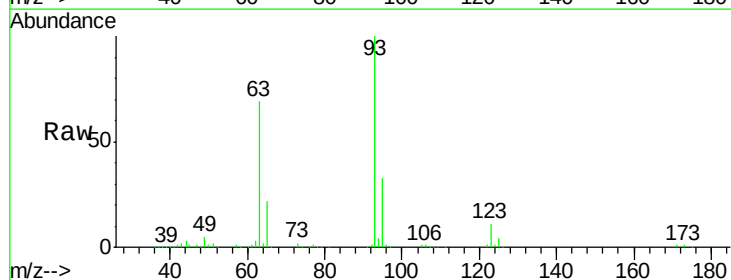
Tgt Ion: 93 Resp: 302849

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

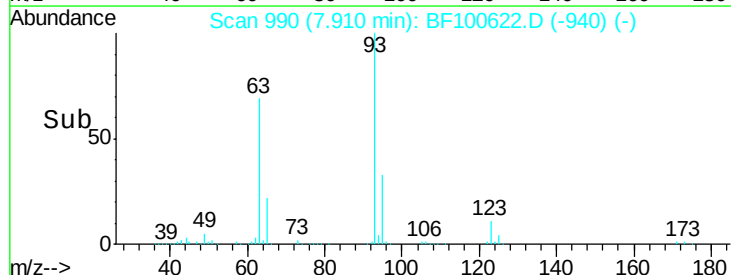
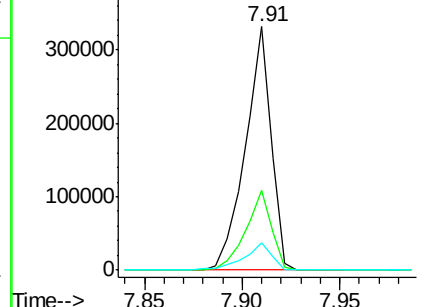
123 11.4 9.8 14.6

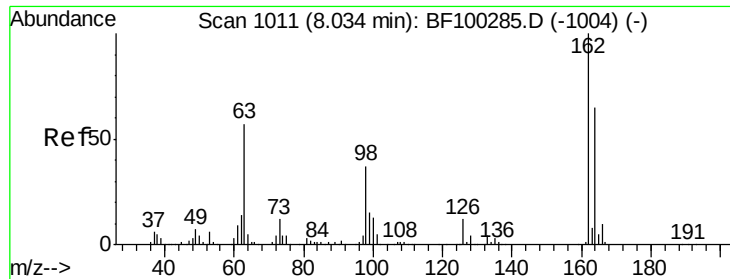


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

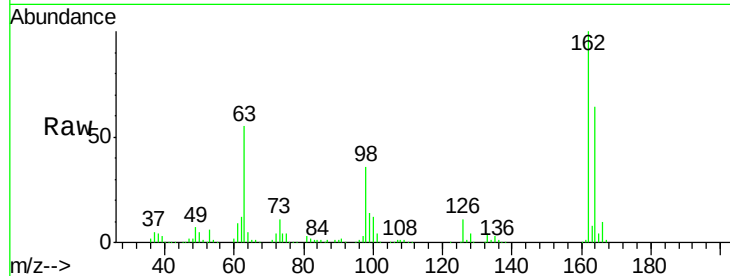




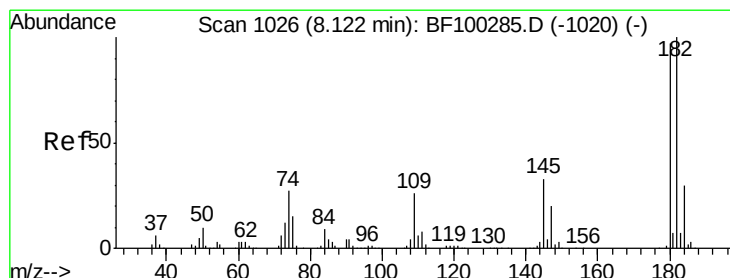
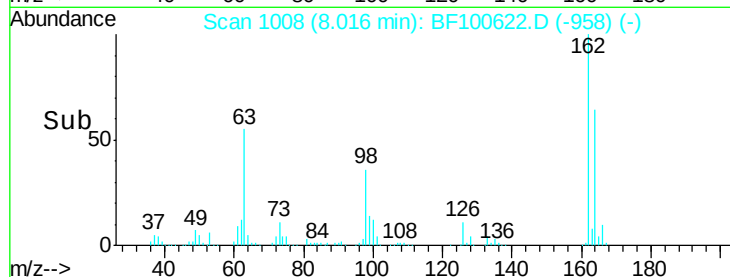
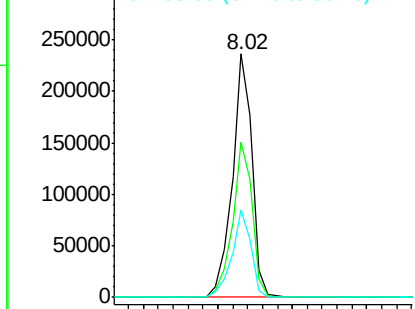
#29
2,4-Dichlorophenol
Concen: 38.847 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	35.7	18.1	58.1

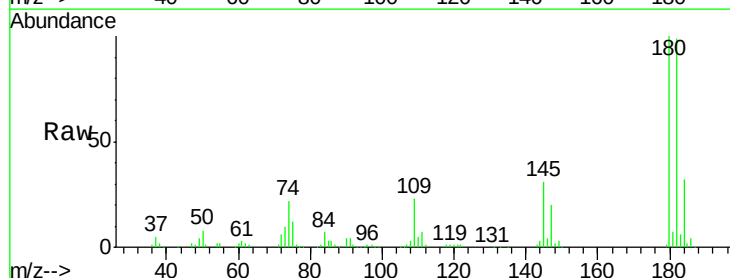


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

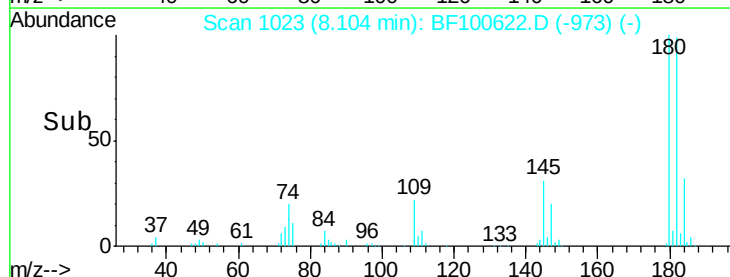
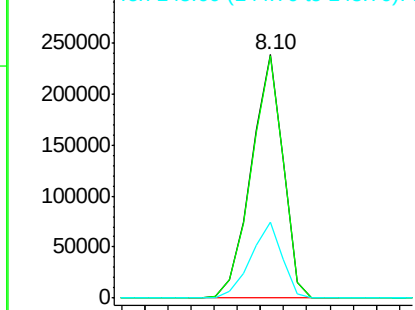


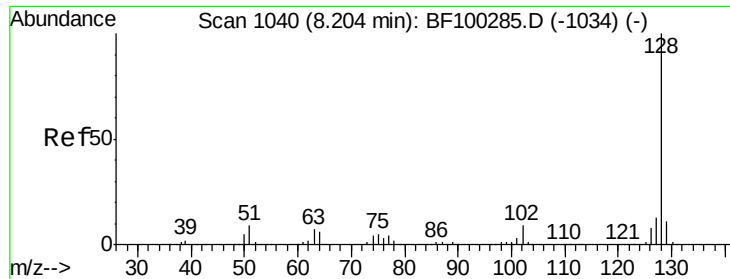
#30
1,2,4-Trichlorobenzene
Concen: 37.493 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	31.0	26.5	39.7



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

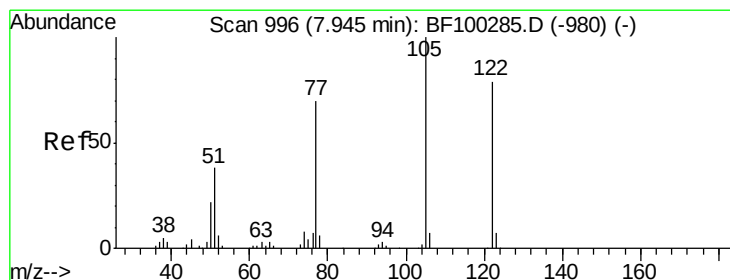
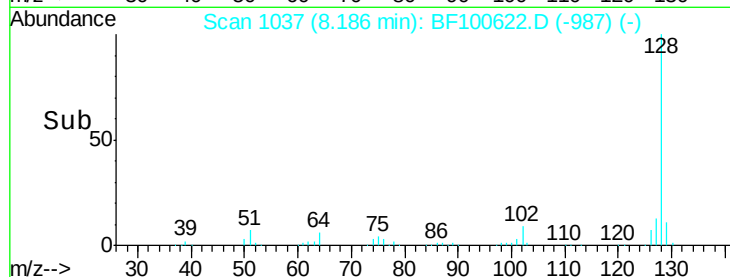
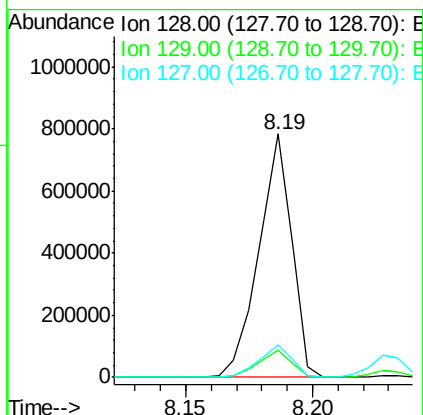
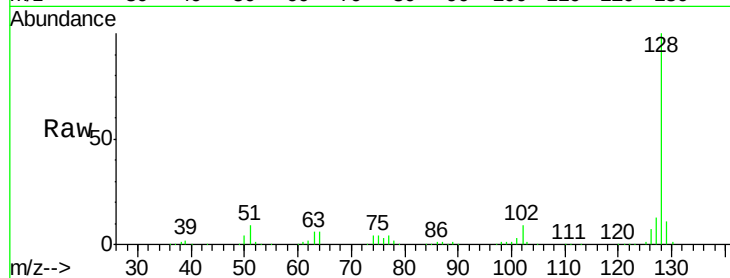




#31
Naphthalene
Concen: 35.396 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

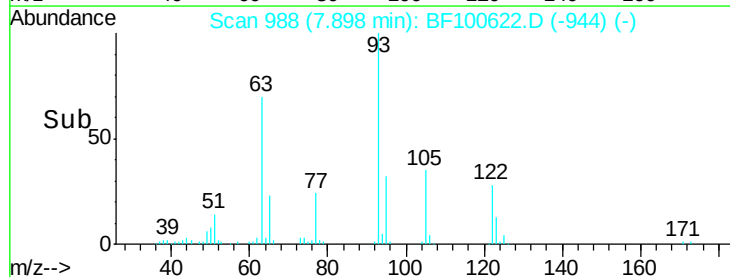
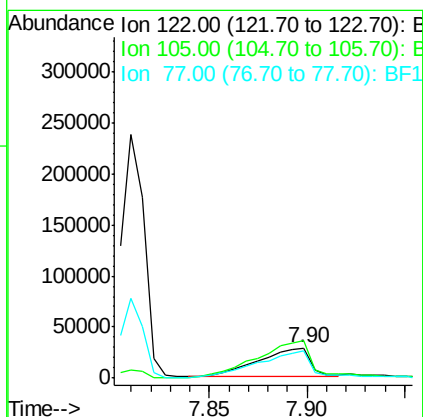
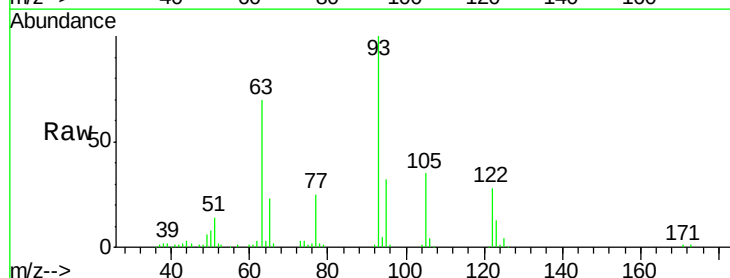
Instrument :
BNA_F
ClientSampleId :
PB104248BS

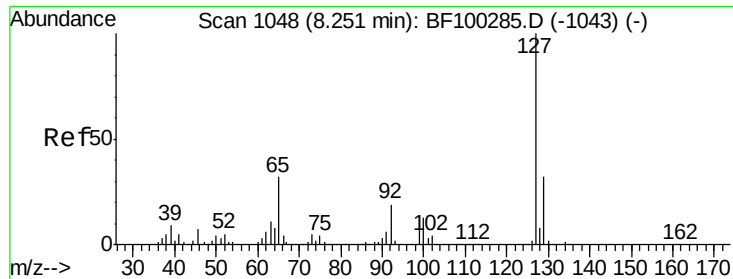
Tgt Ion:128 Resp: 709263
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 18.870 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:122 Resp: 53583
Ion Ratio Lower Upper
122 100
105 124.7 101.1 141.1
77 89.4 70.7 110.7

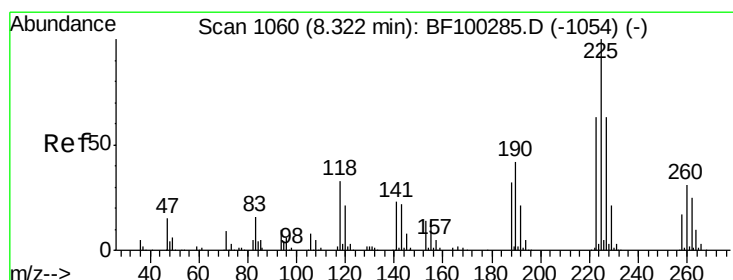
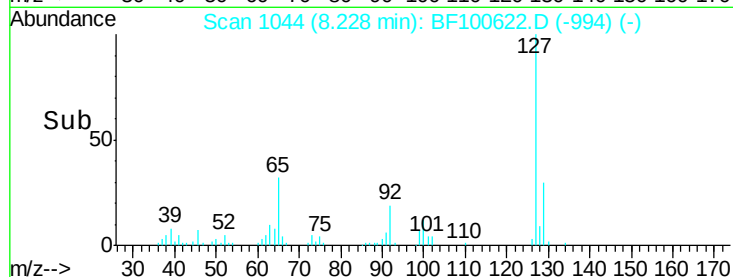
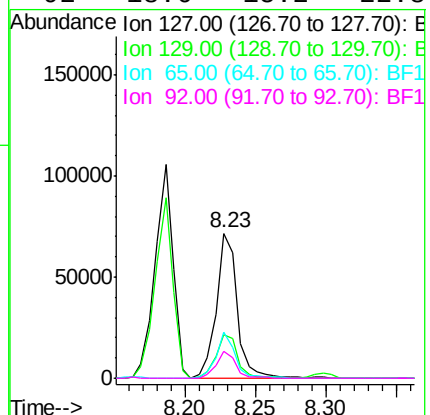
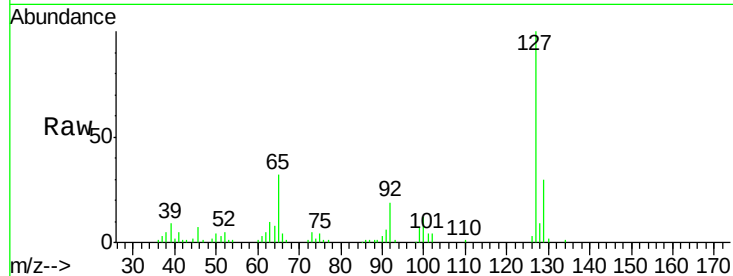




#33
4-Chloroaniline
Concen: 8.837 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

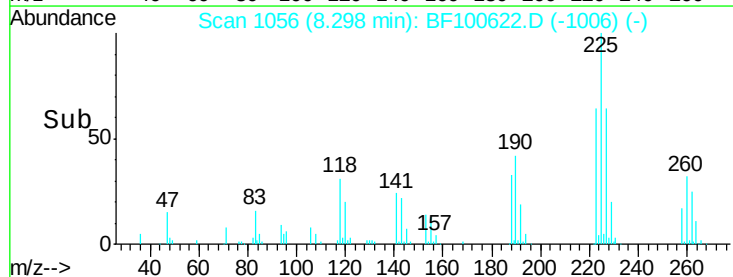
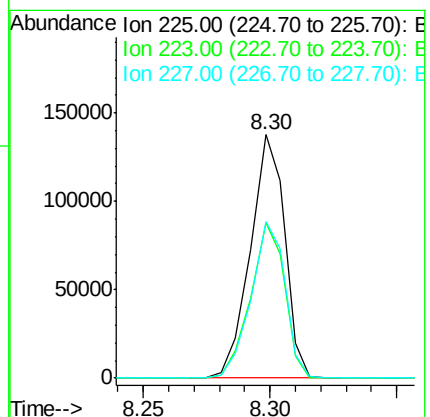
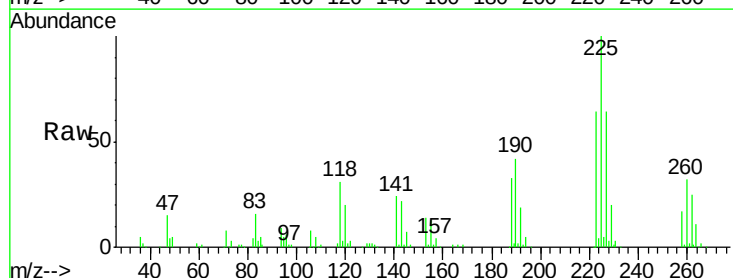
Instrument :
BNA_F
ClientSampleId :
PB104248BS

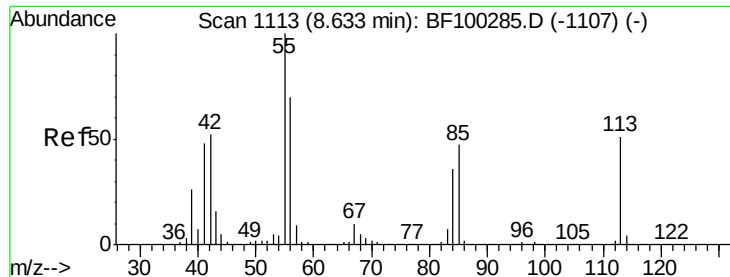
Tgt Ion:	127	Resp:	73712
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	32.2	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.784 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:	225	Resp:	130240
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.2	51.9	77.9

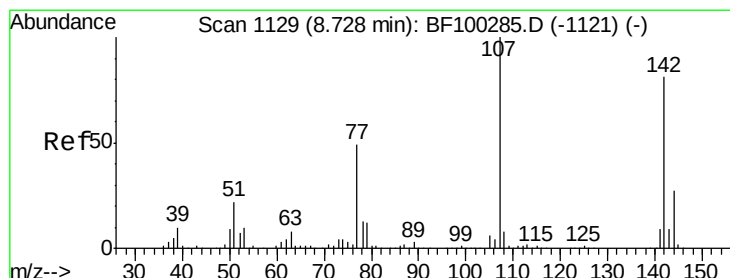
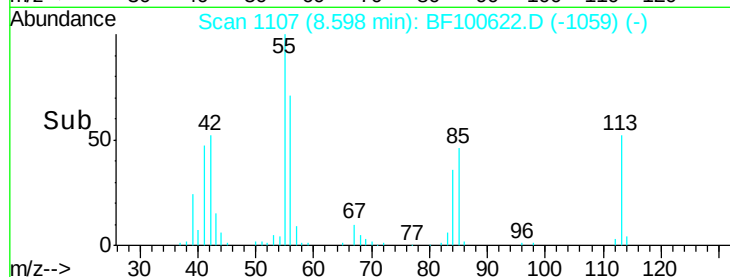
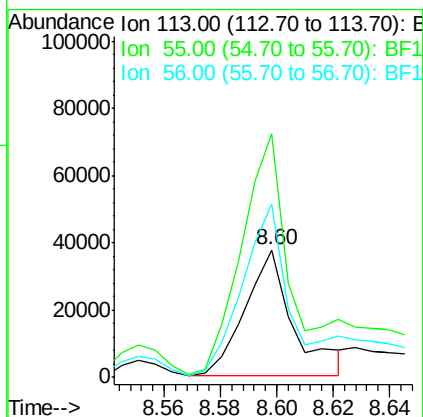
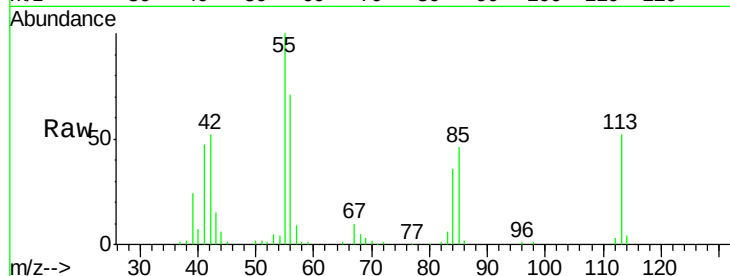




#35
 Caprolactam
 Concen: 23.050 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

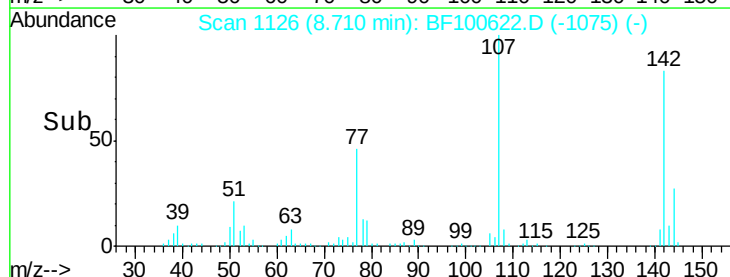
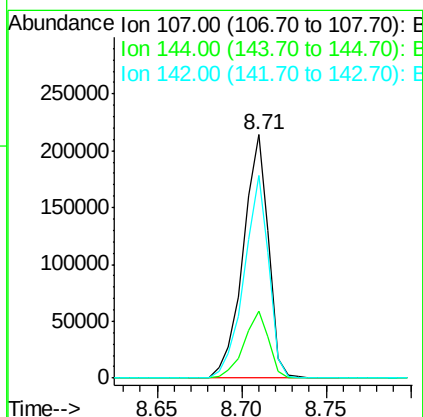
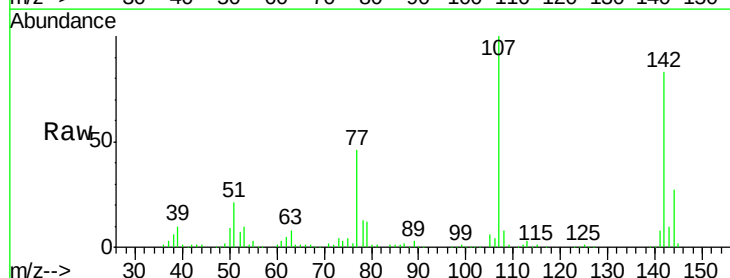
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

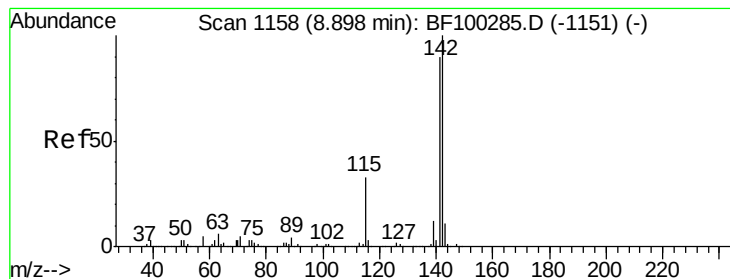
Tgt Ion:113 Resp: 44764
 Ion Ratio Lower Upper
 113 100
 55 191.4 163.3 203.3
 56 136.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.858 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:107 Resp: 224012
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.5 30.7
 142 83.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.103 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

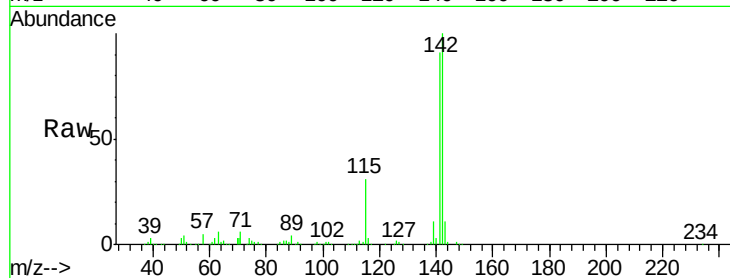
Tgt Ion:142 Resp: 493601

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

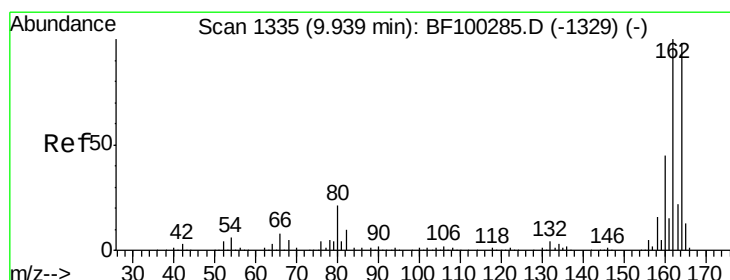
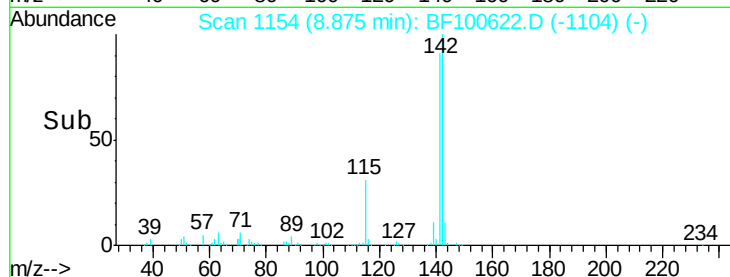
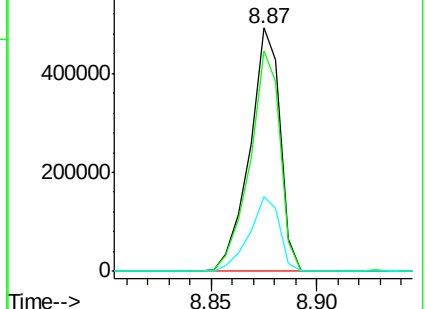
115 30.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

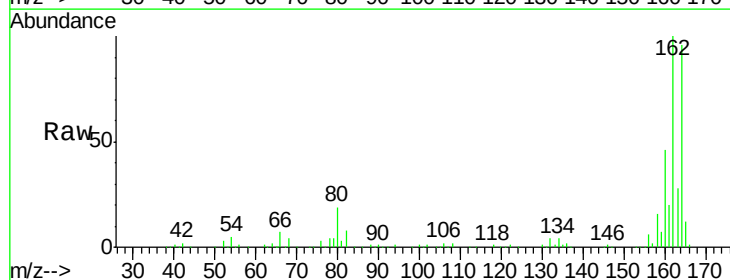
Tgt Ion:164 Resp: 196548

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

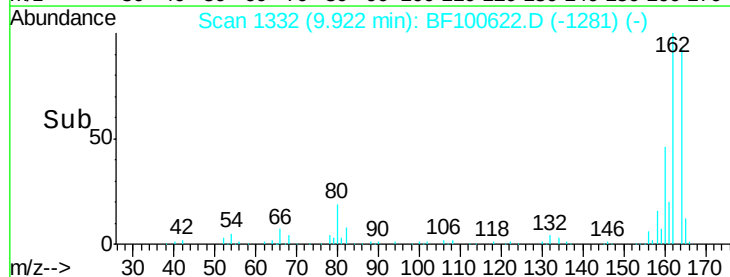
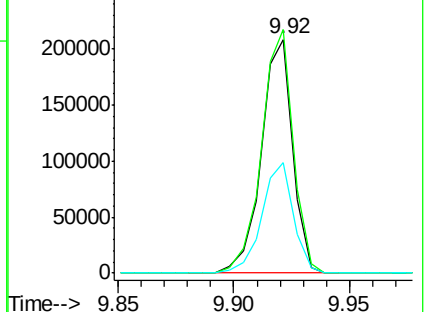
160 47.5 38.3 57.5

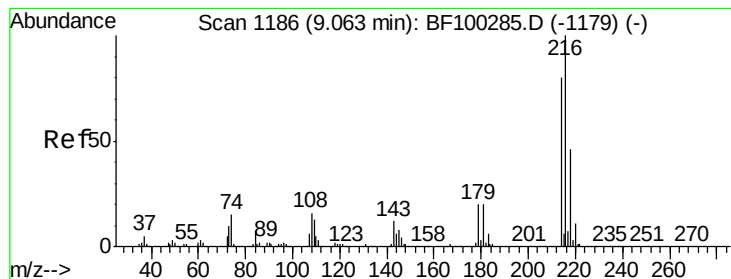


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.439 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

Tgt Ion:216 Resp: 224488

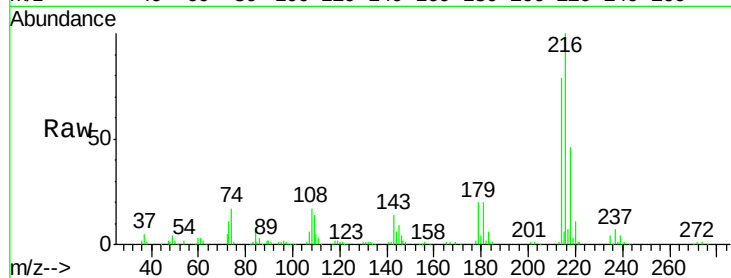
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 19.9 18.1 27.1

108 18.7 17.2 25.8

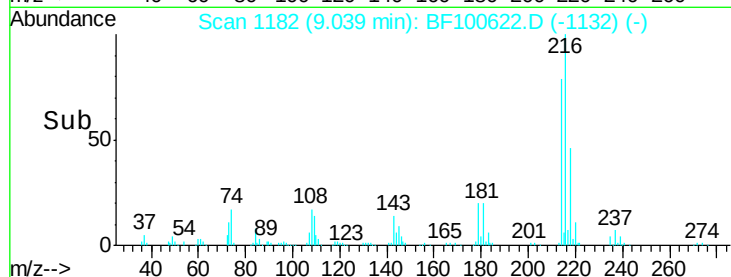


Abundance Ion 216.00 (215.70 to 216.70): E

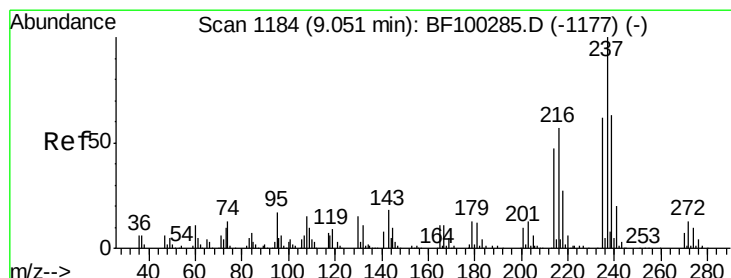
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 74.614 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

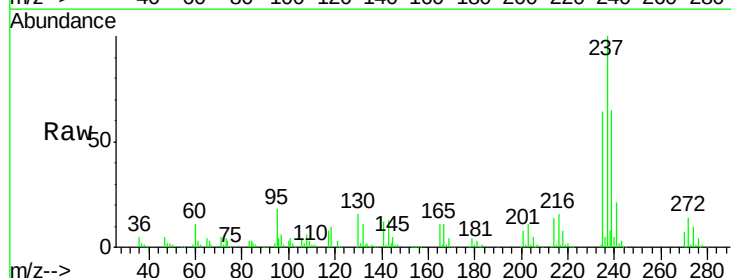
Tgt Ion:237 Resp: 228912

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

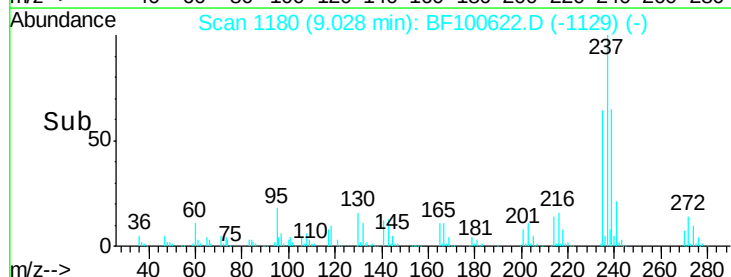
272 13.7 0.0 33.3



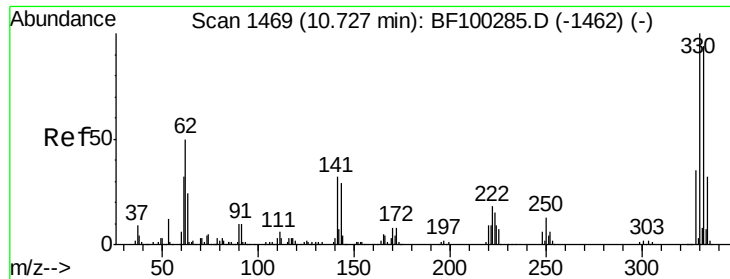
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



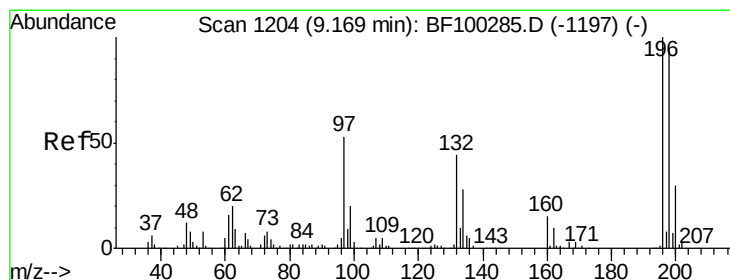
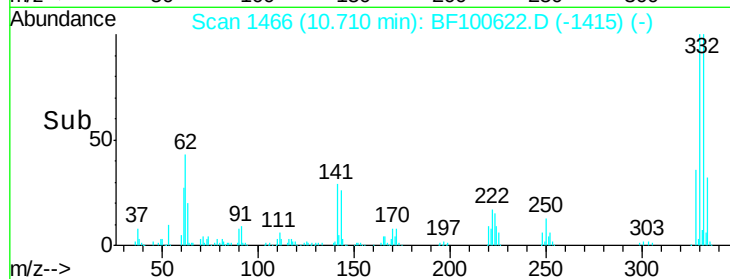
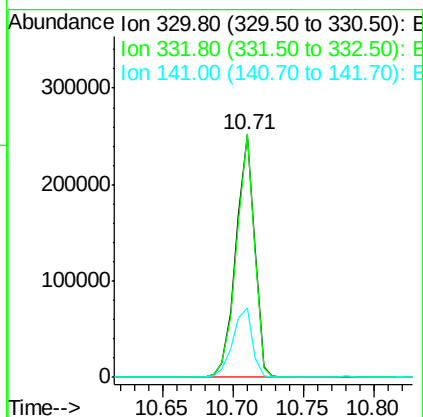
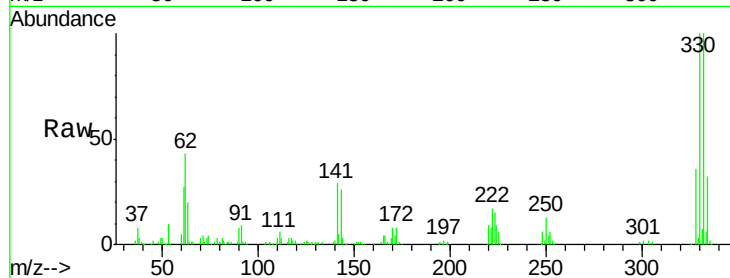
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 115.838 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

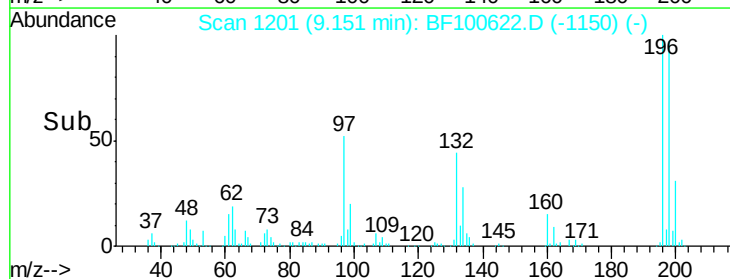
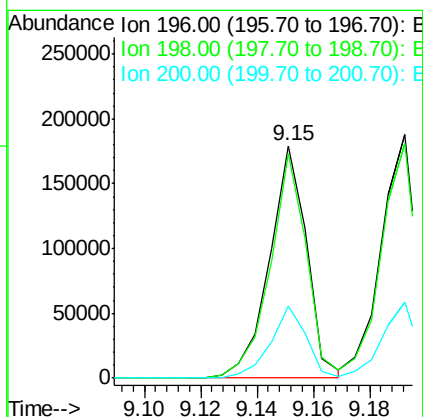
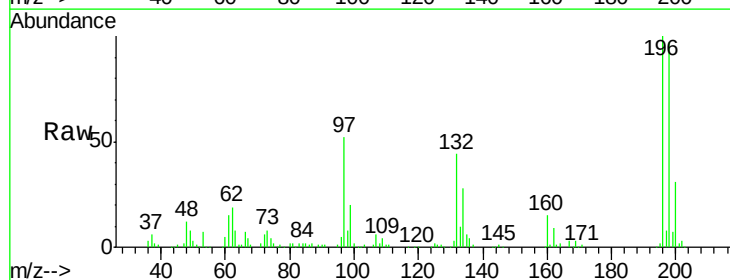
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

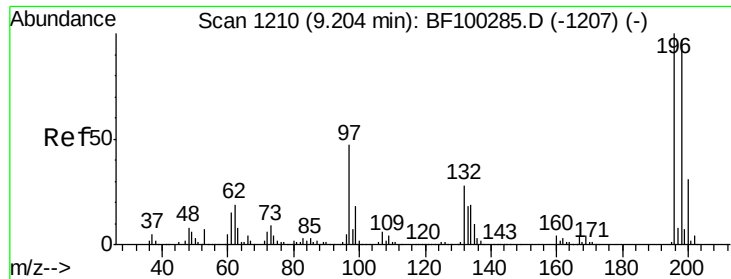
Tgt Ion:330 Resp: 232004
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 39.594 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:196 Resp: 163575
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.7 113.5
 200 30.8 24.5 36.7

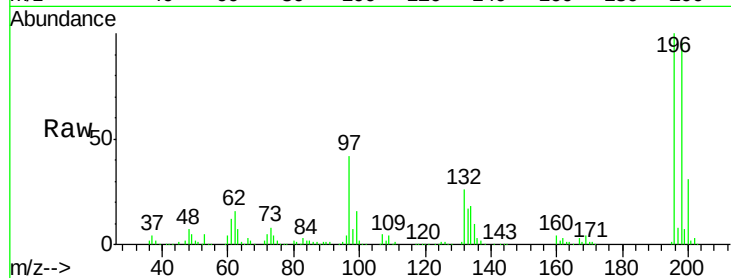




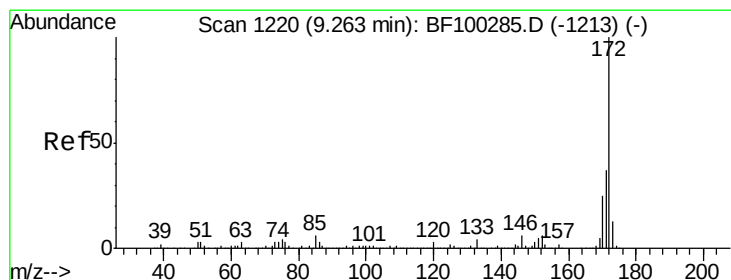
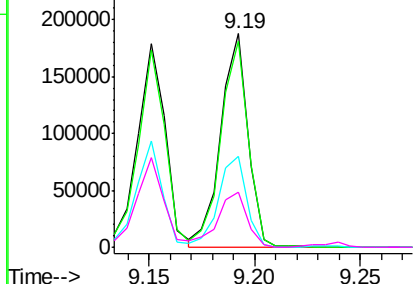
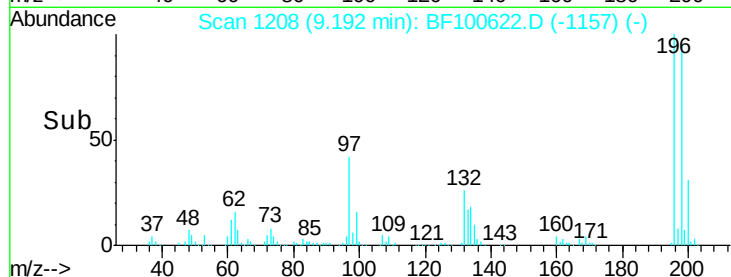
#43
 2,4,5-Trichlorophenol
 Concen: 39.209 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	42.3	42.9	64.3#
132	25.9	26.3	39.5#

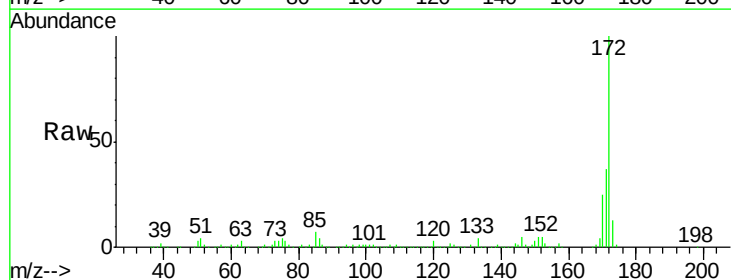


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

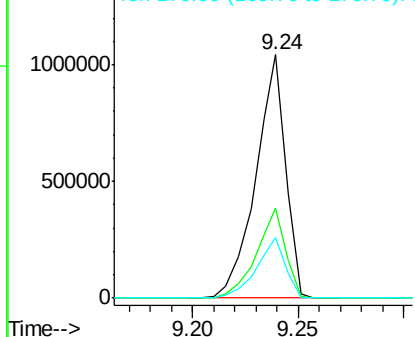
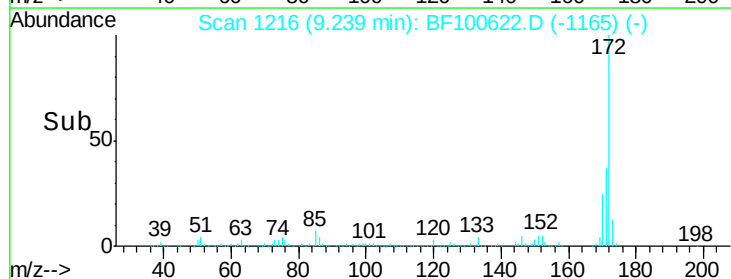


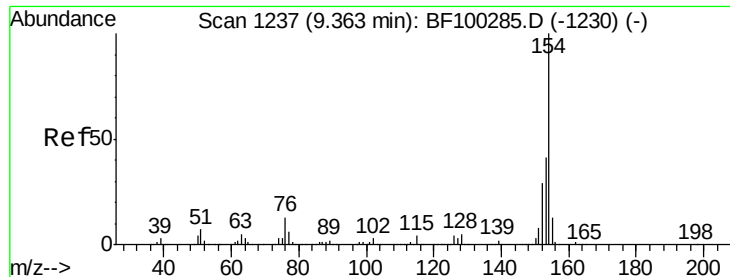
#44
 2-Fluorobiphenyl
 Concen: 78.876 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

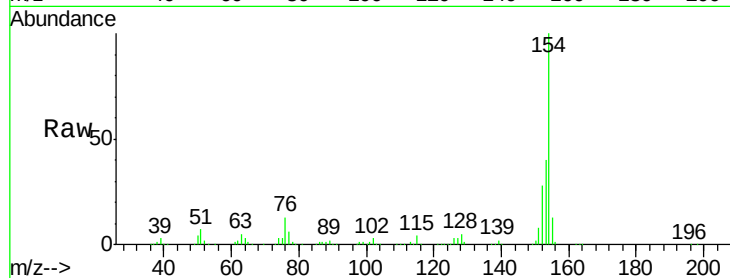




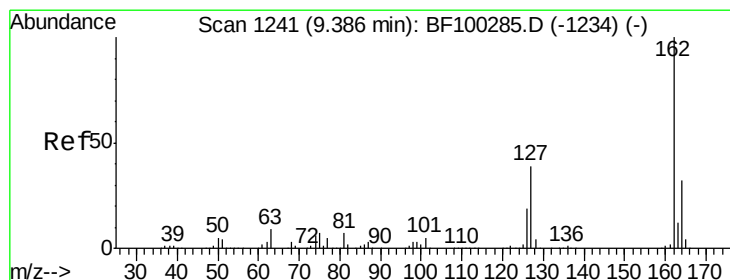
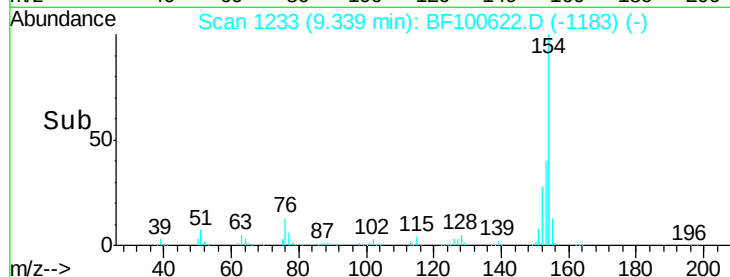
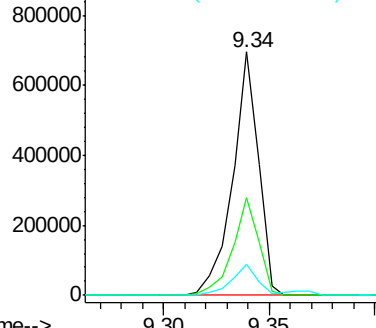
#45
 1,1'-Biphenyl
 Concen: 34.752 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Tgt Ion:	154	Resp:	590765
Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	12.8	0.0	34.0

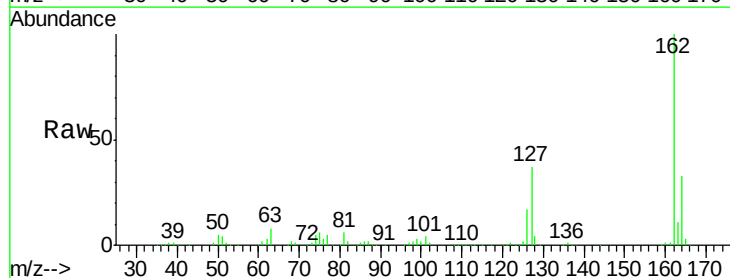


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

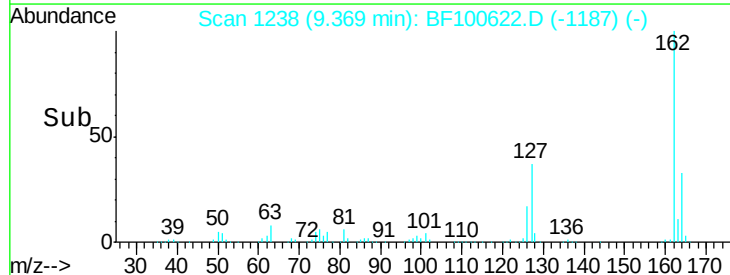
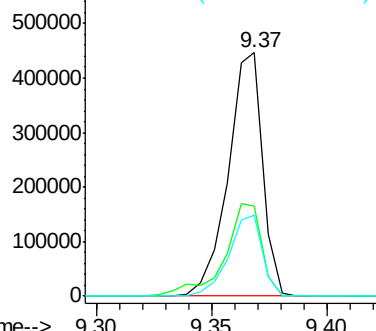


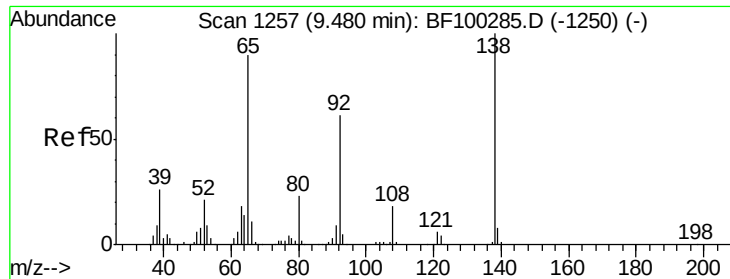
#46
 2-Chloronaphthalene
 Concen: 37.570 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:	162	Resp:	463327
Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.9	50.9
164	33.4	26.5	39.7



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

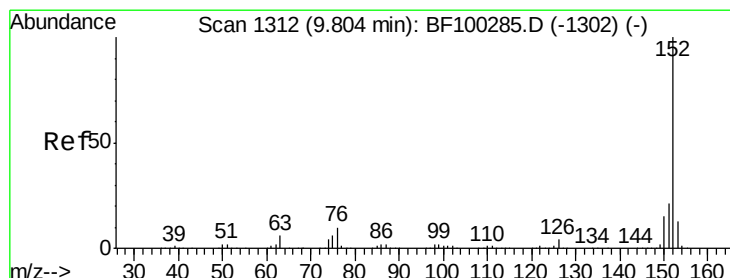
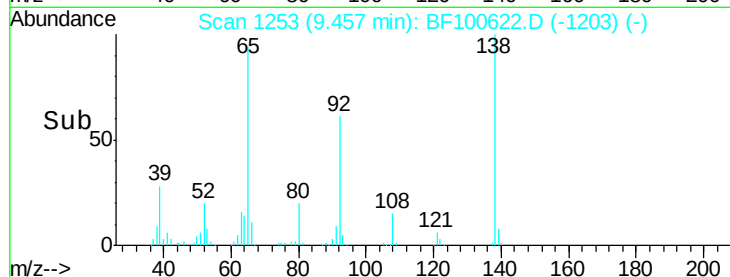
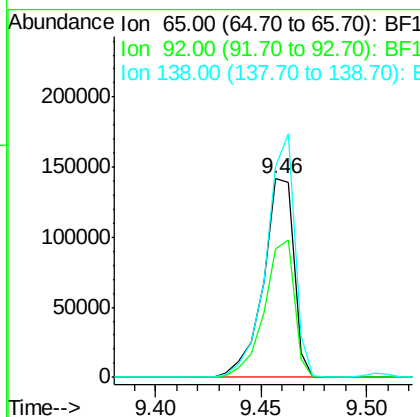
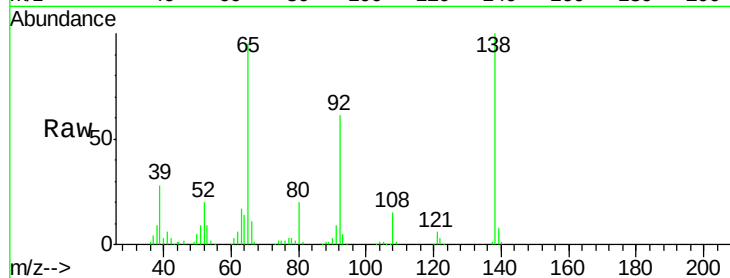




#47
 2-Nitroaniline
 Concen: 39.854 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

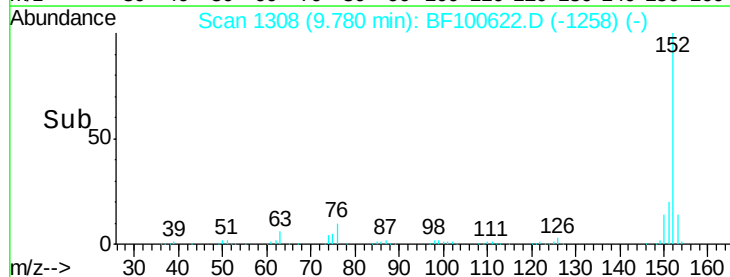
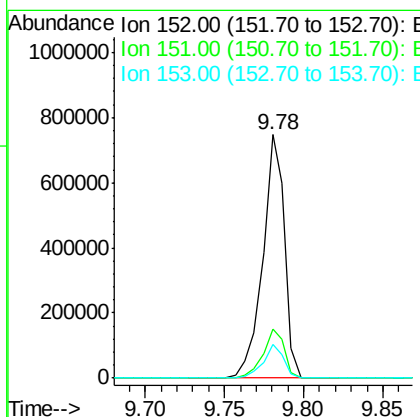
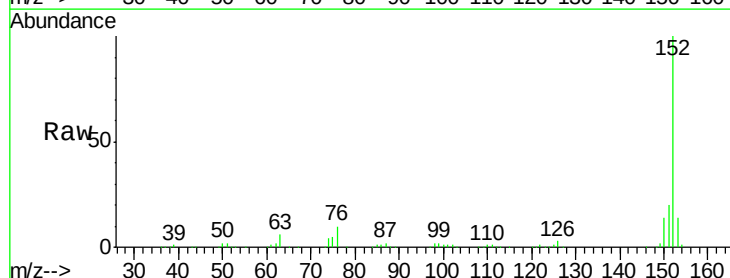
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

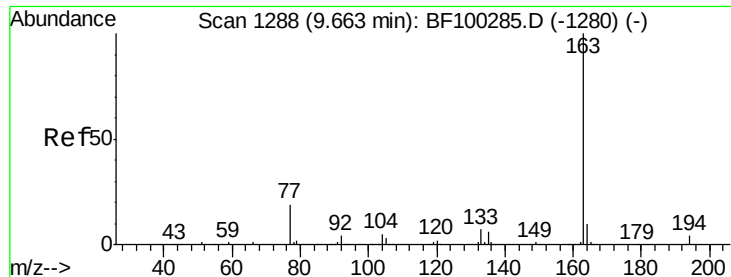
Tgt Ion: 65 Resp: 143400
 Ion Ratio Lower Upper
 65 100
 92 64.7 55.8 83.6
 138 105.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.169 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion: 152 Resp: 718782
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.7 10.7 16.1

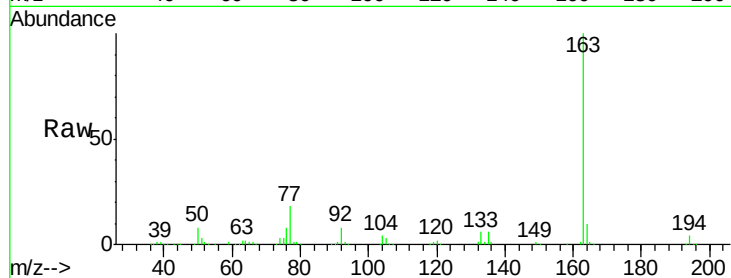




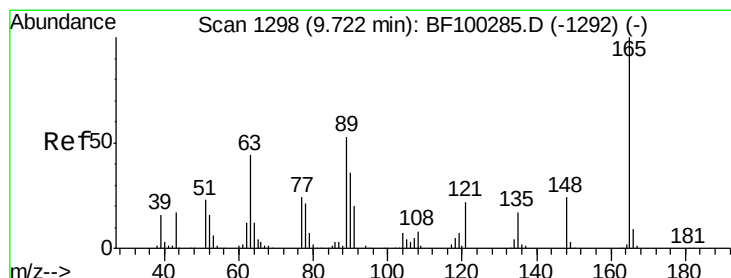
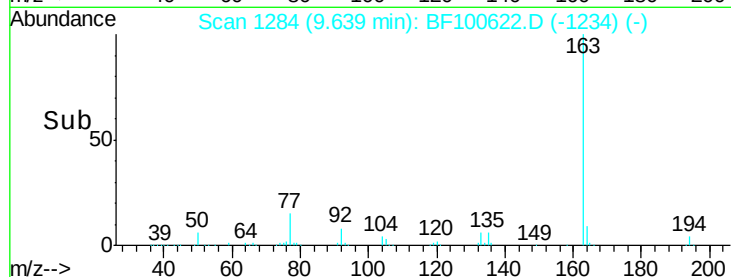
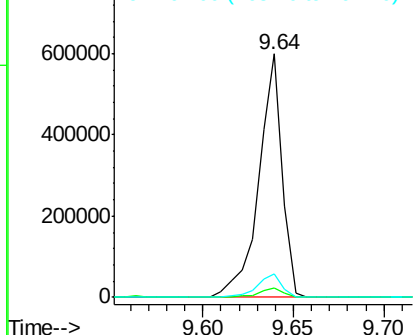
#49
Dimethylphthalate
Concen: 35.740 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Tgt Ion:163 Resp: 536338
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

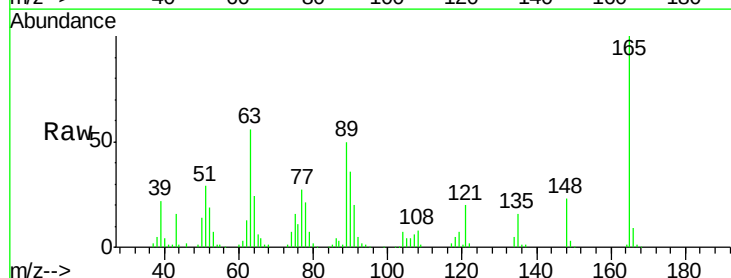


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

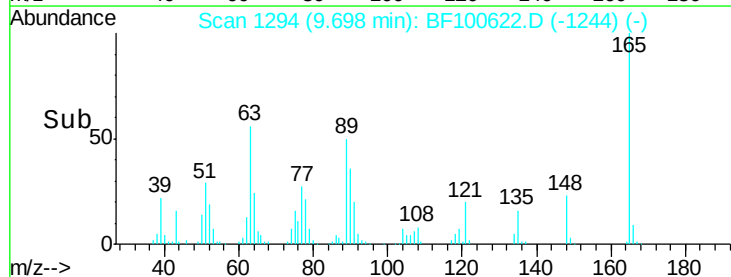
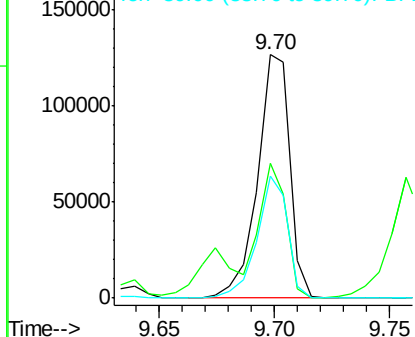


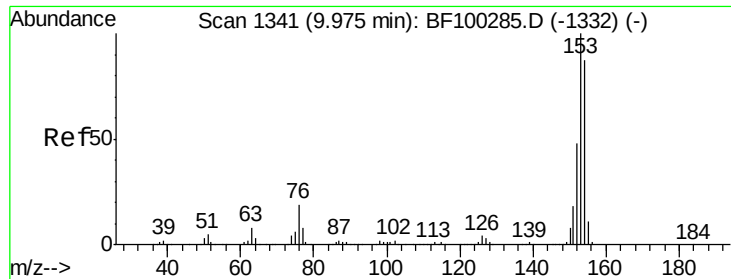
#50
2,6-Dinitrotoluene
Concen: 41.587 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:165 Resp: 123533
Ion Ratio Lower Upper
165 100
63 55.6 44.7 67.1
89 50.2 44.0 66.0



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





#51

Acenaphthene

Concen: 36.134 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

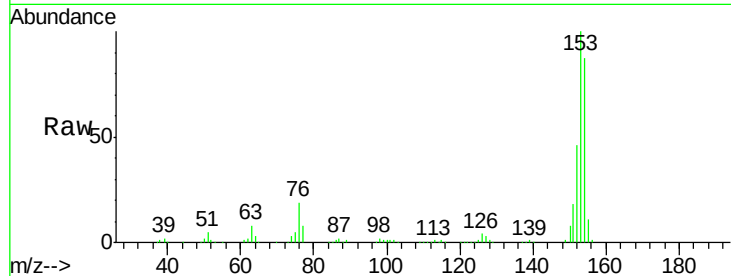
Tgt Ion:154 Resp: 449133

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

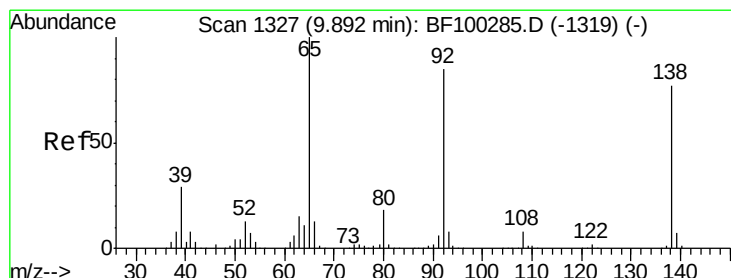
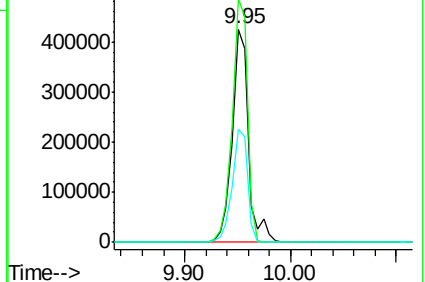
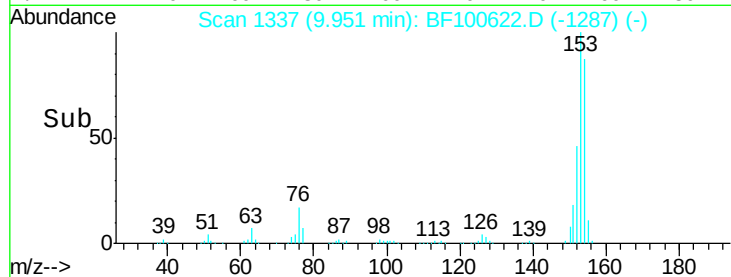
152 53.1 43.8 65.8



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: 17.275 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

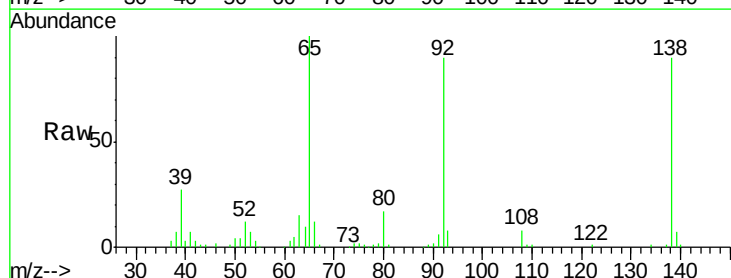
Tgt Ion:138 Resp: 60595

Ion Ratio Lower Upper

138 100

108 9.0 9.4 14.0#

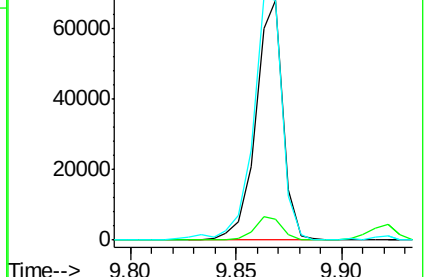
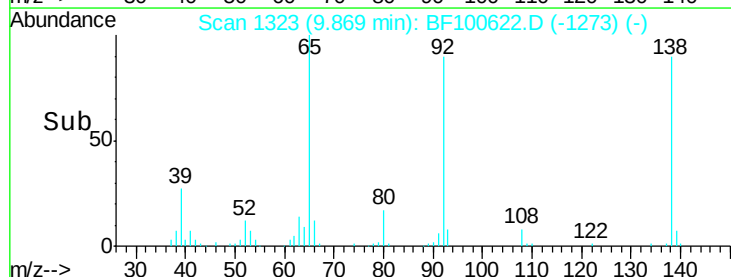
92 100.4 89.4 134.2

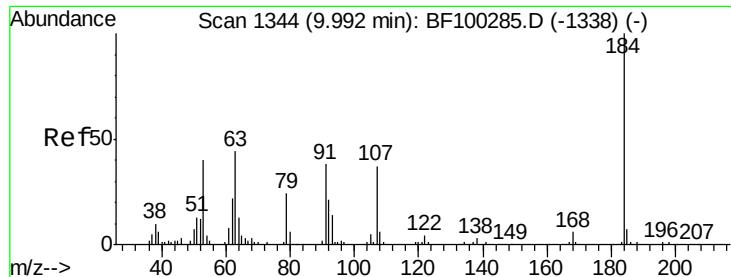


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

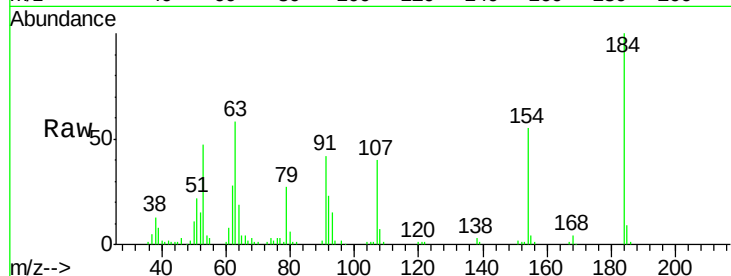




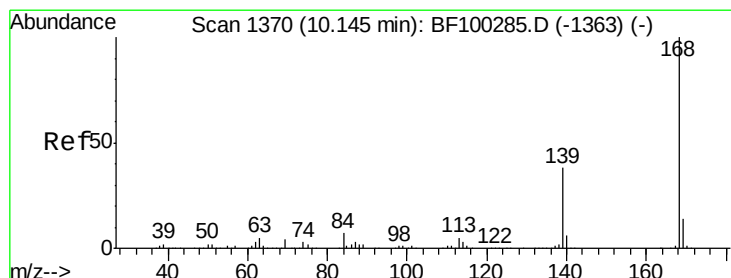
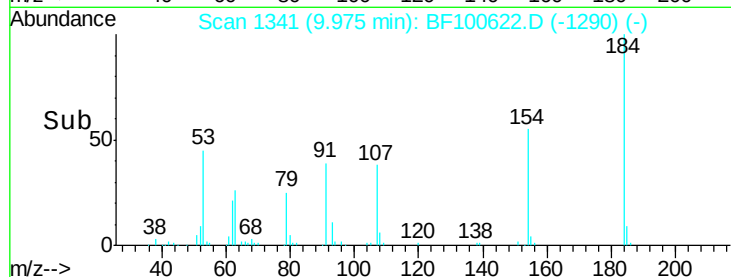
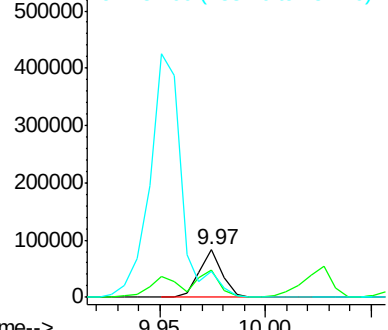
#53
2,4-Dinitrophenol
Concen: 57.085 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Tgt Ion:184 Resp: 63084
Ion Ratio Lower Upper
184 100
63 58.0 54.2 81.2
154 55.4 184.0 276.0#

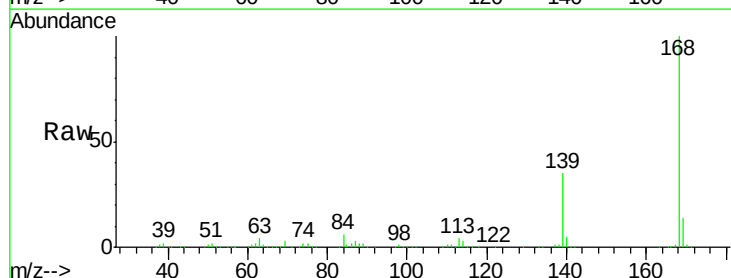


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

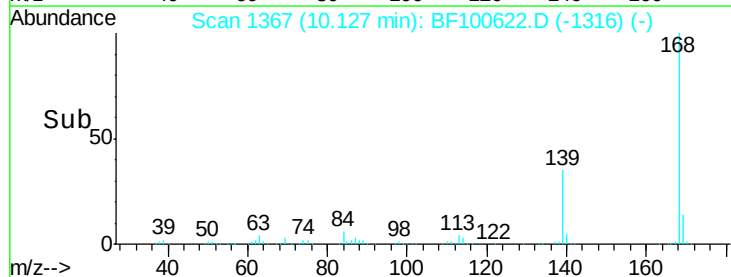
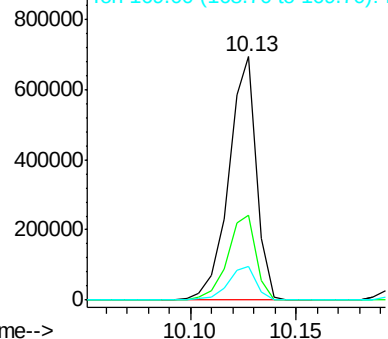


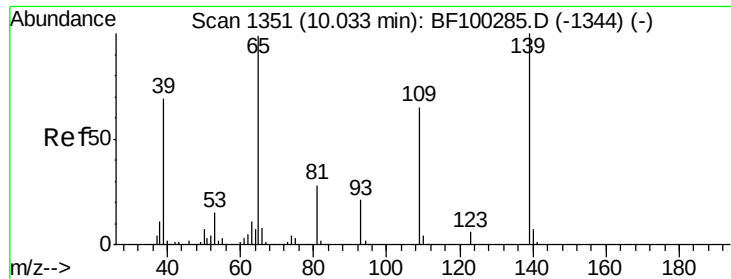
#54
Dibenzofuran
Concen: 36.252 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:168 Resp: 631544
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.9 10.9 16.3



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

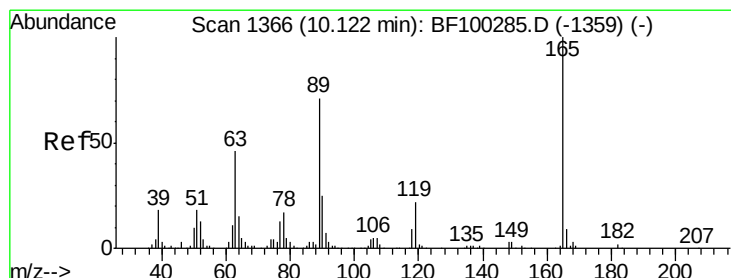
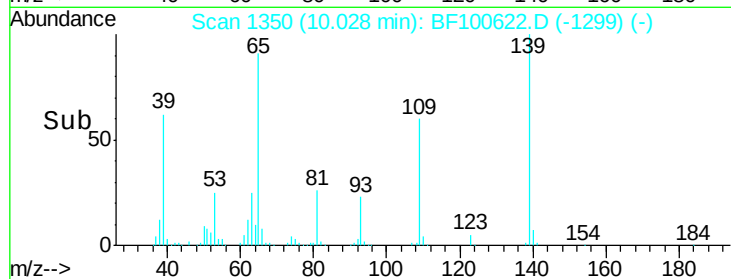
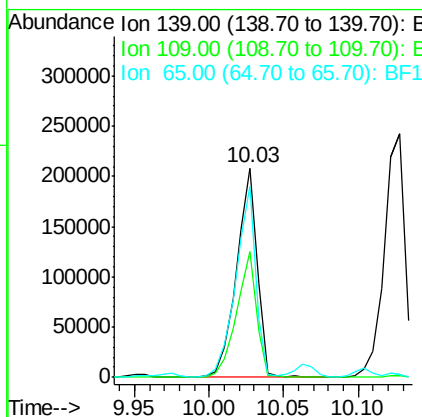
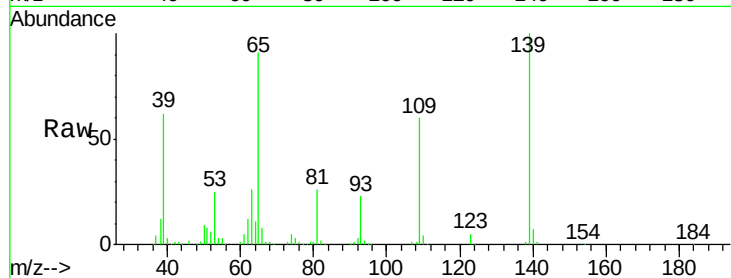




#55
4-Nitrophenol
Concen: 71.398 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

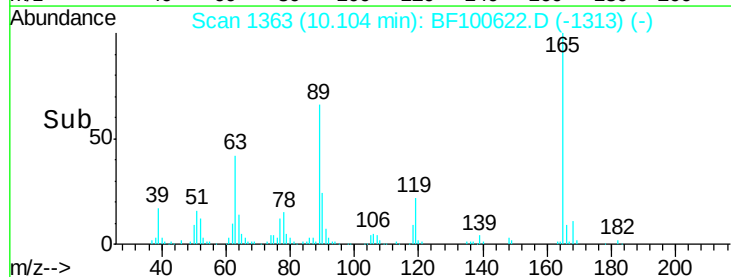
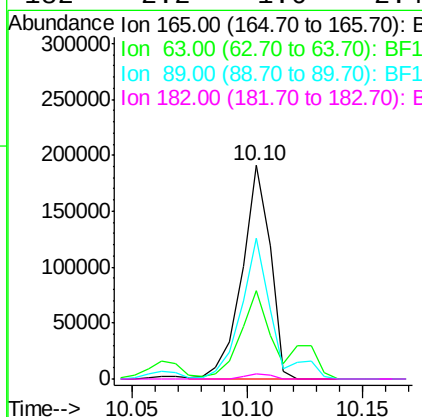
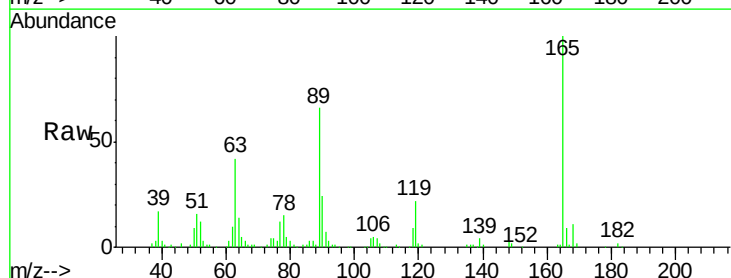
Instrument :
BNA_F
ClientSampleId :
PB104248BS

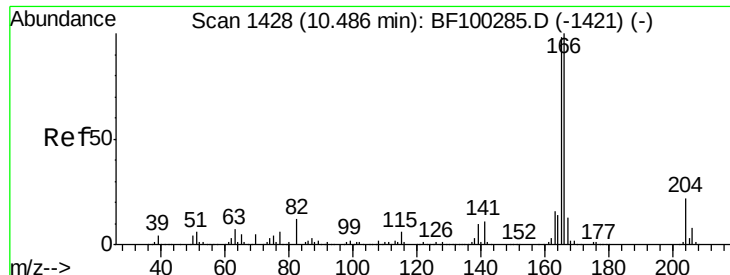
Tgt Ion:139 Resp: 203357
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 91.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.654 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:165 Resp: 163590
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 65.8 57.8 86.6
182 2.2 1.6 2.4

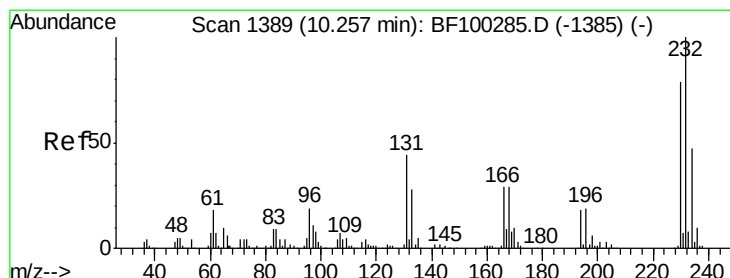
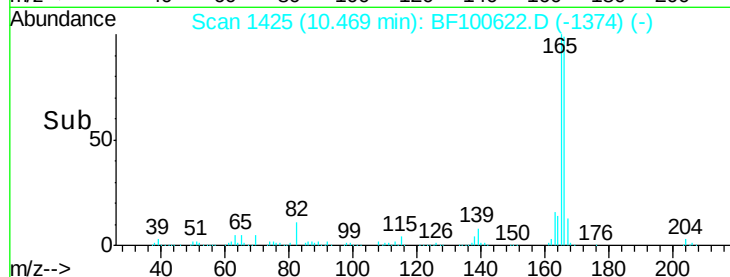
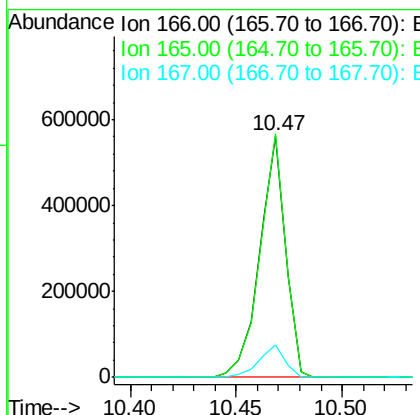
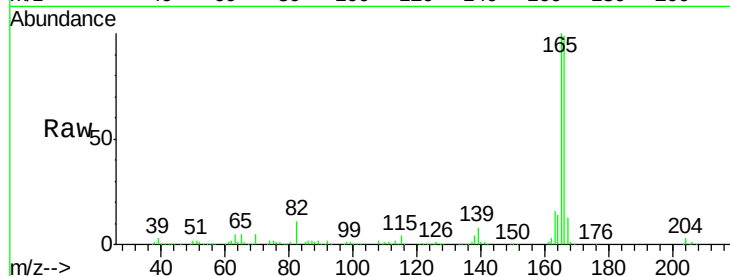




#57
 Fluorene
 Concen: 37.733 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

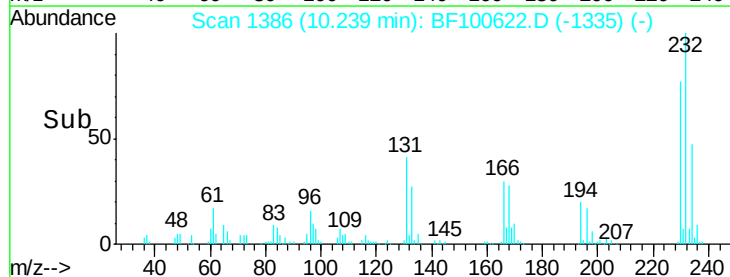
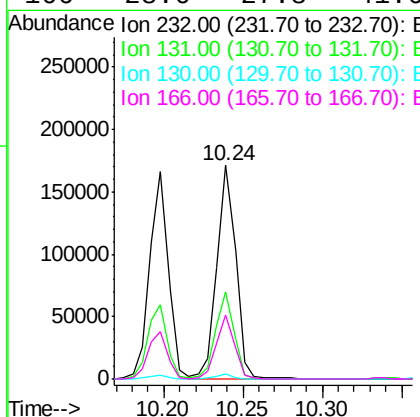
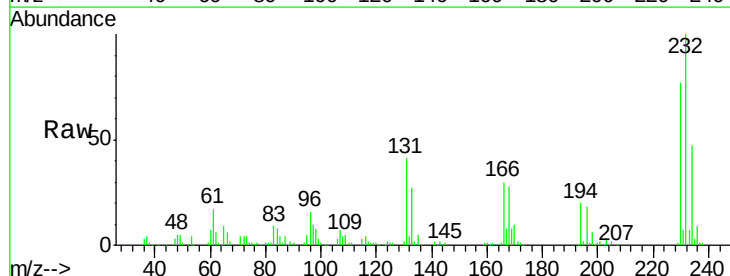
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

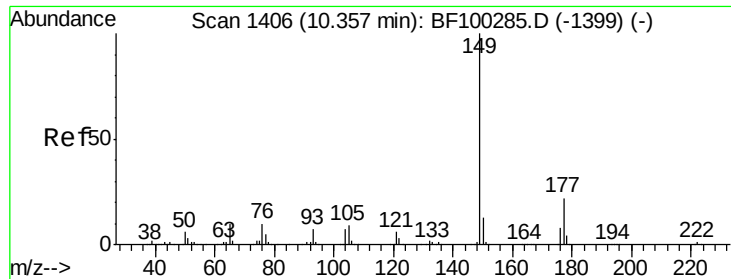
Tgt Ion:166 Resp: 481558
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.649 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:232 Resp: 142601
 Ion Ratio Lower Upper
 232 100
 131 40.1 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.6 27.8 41.6

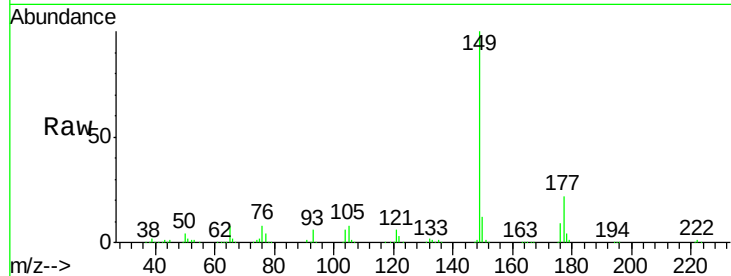




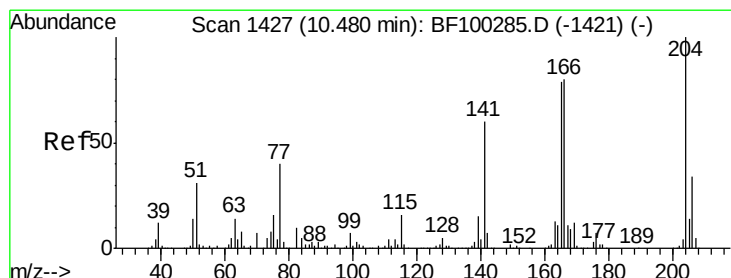
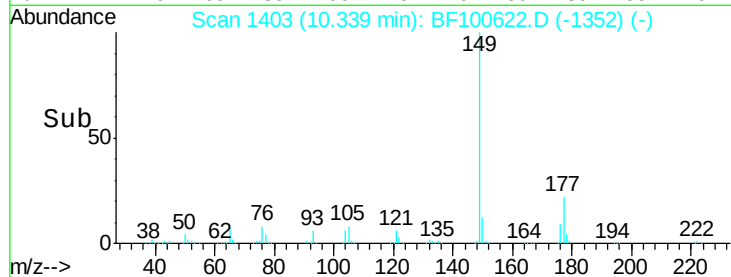
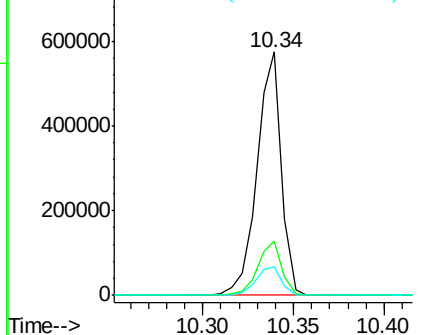
#59
Diethylphthalate
Concen: 35.547 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Tgt Ion:149 Resp: 533834
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 11.8 10.1 15.1

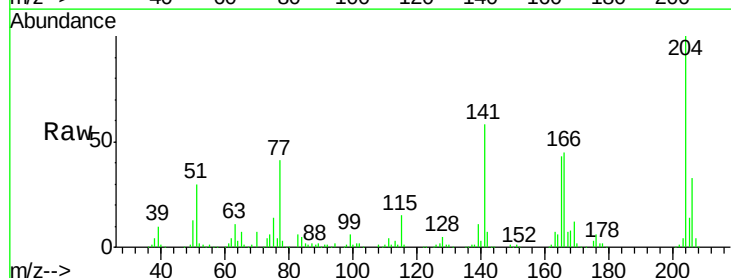


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

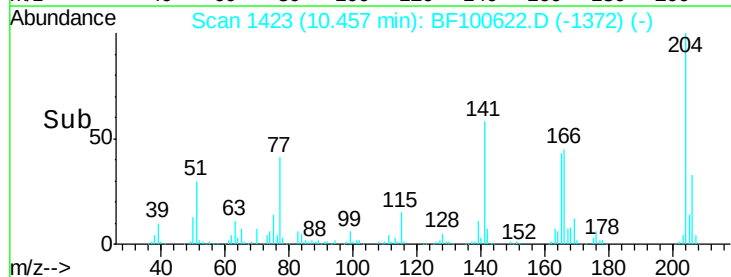
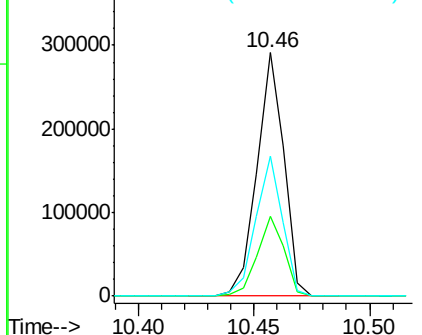


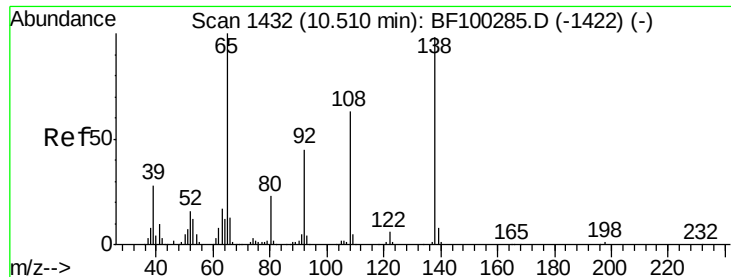
#60
4-Chlorophenyl-phenylether
Concen: 37.993 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:204 Resp: 237864
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.5 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: 37.835 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

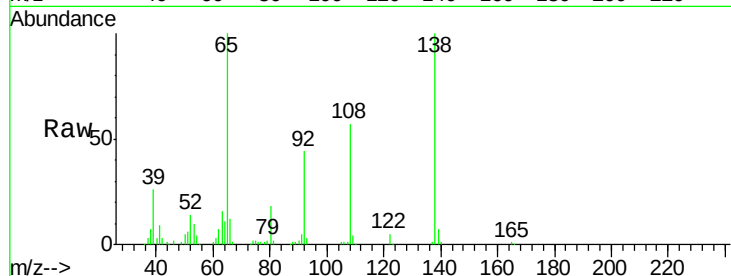
Tgt Ion:138 Resp: 125841

Ion Ratio Lower Upper

138 100

92 44.2 30.2 70.2

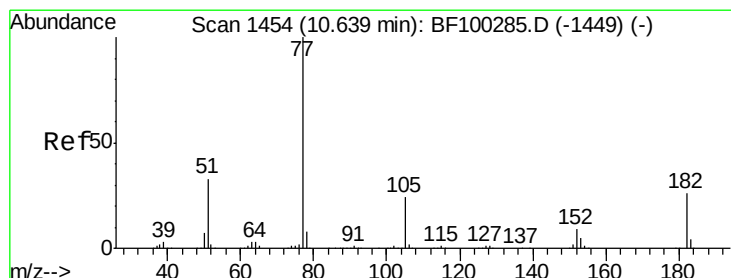
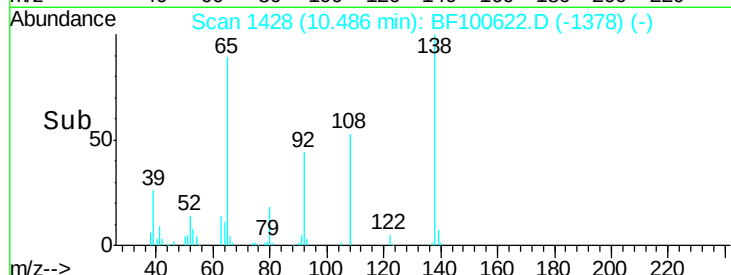
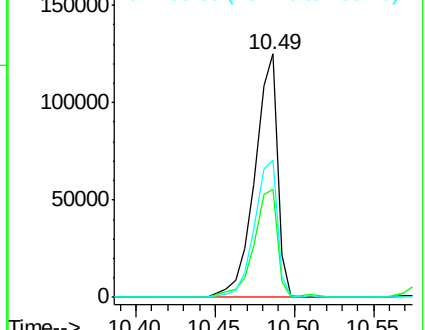
108 56.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.750 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Tgt Ion: 77 Resp: 491502

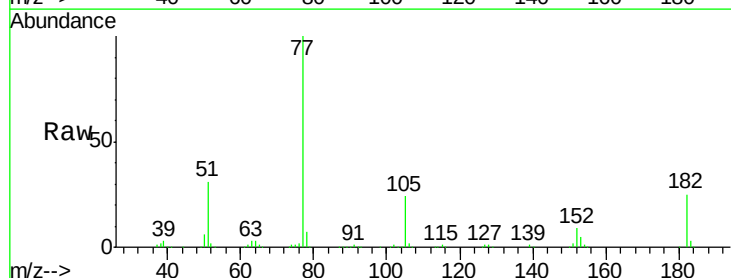
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 24.0 3.0 43.0

51 30.5 9.9 49.9

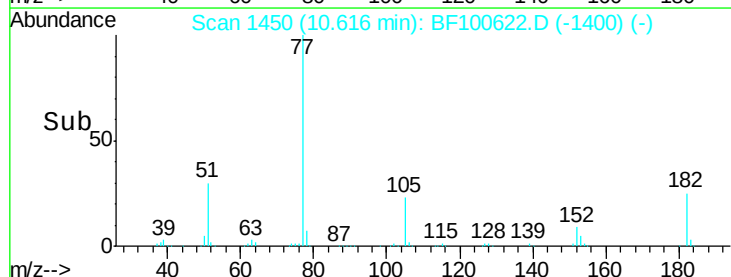
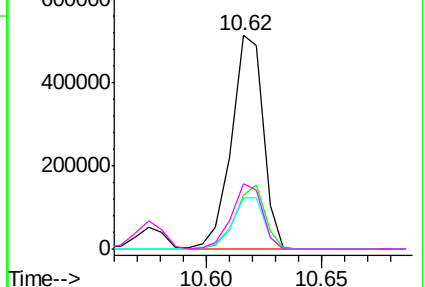


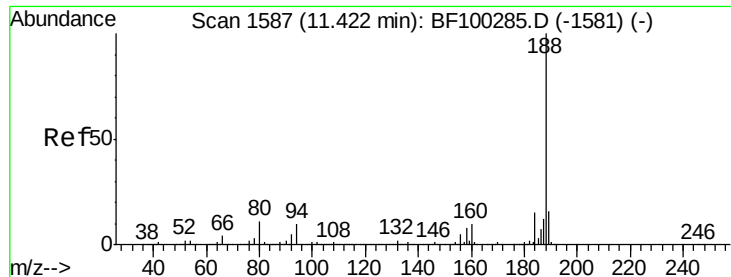
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

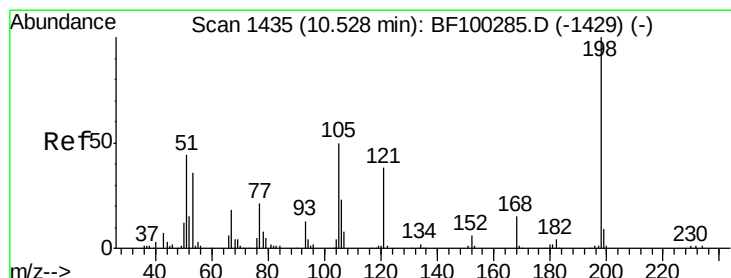
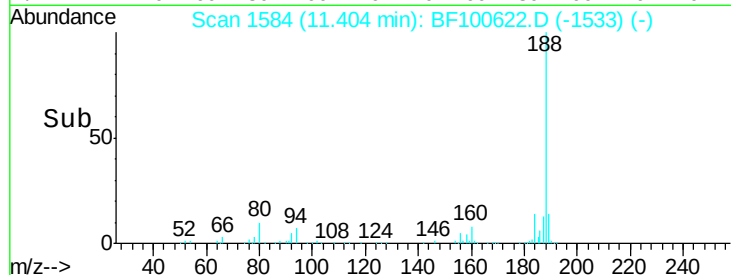
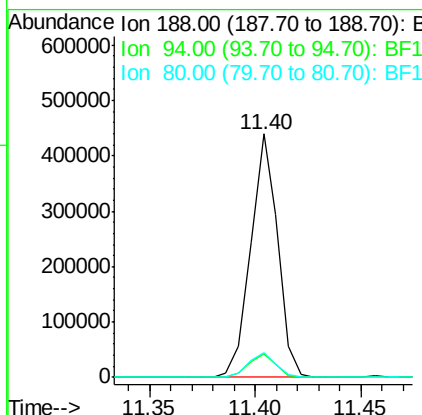
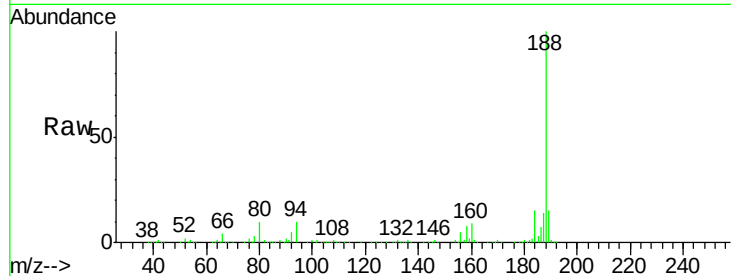




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

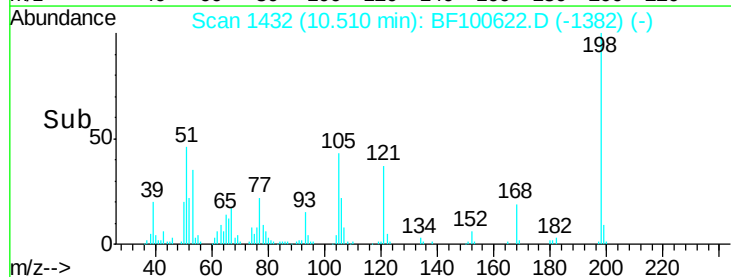
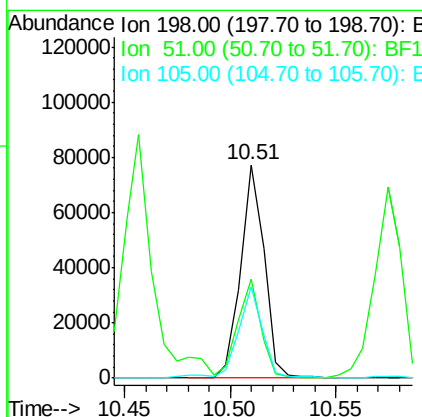
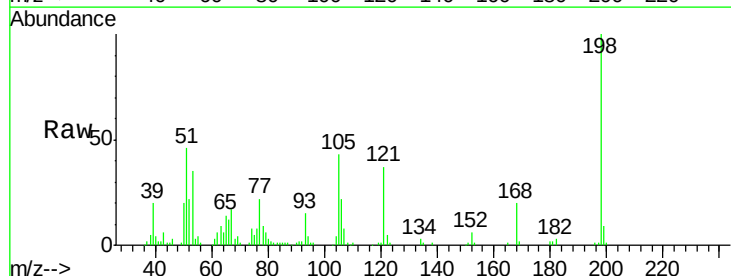
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

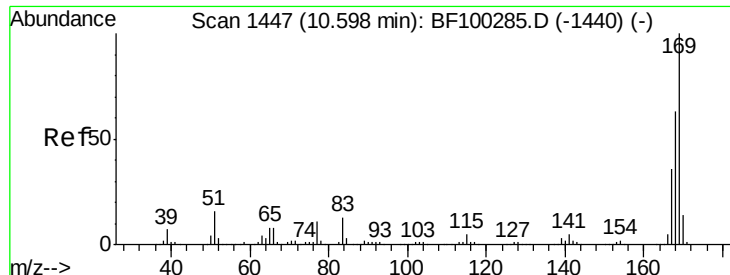
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.509 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.3	37.7	77.7
105	42.5	36.3	76.3

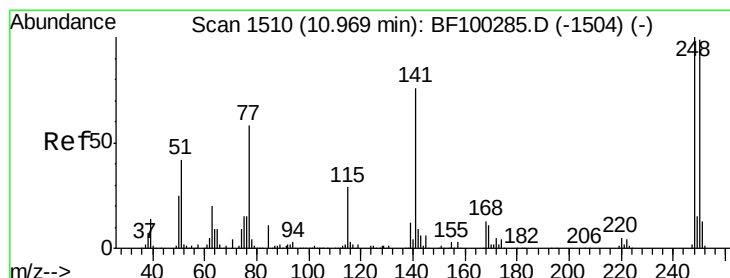
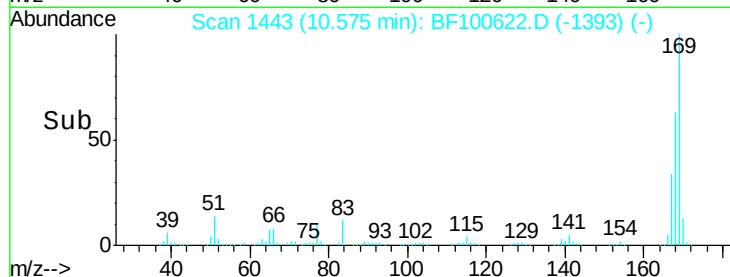
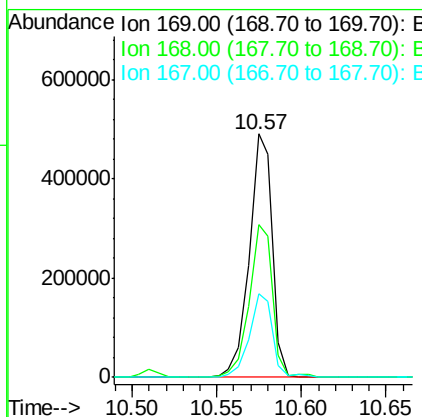
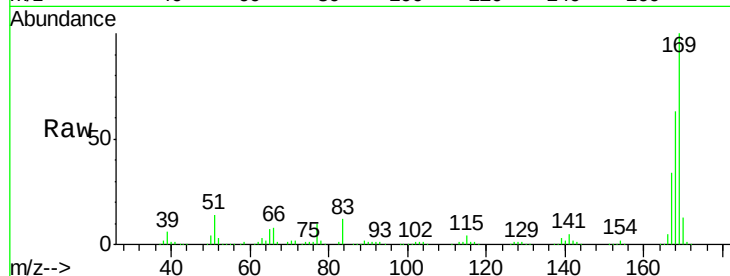




#65
 n-Nitrosodiphenylamine
 Concen: 34.508 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

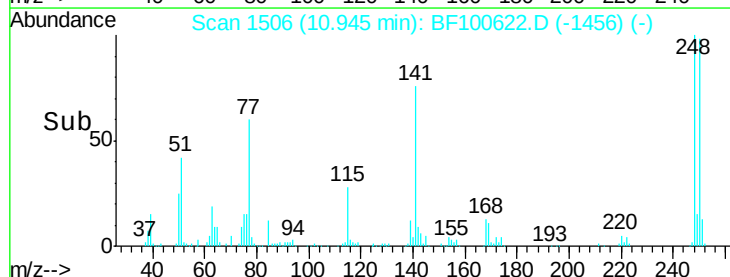
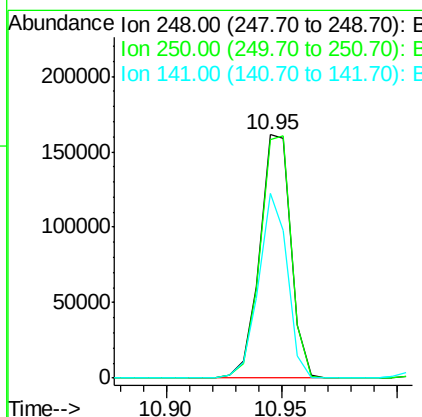
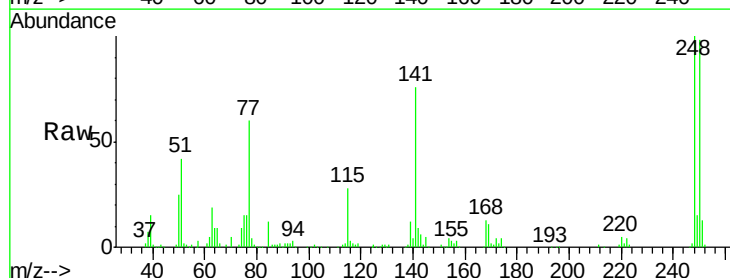
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

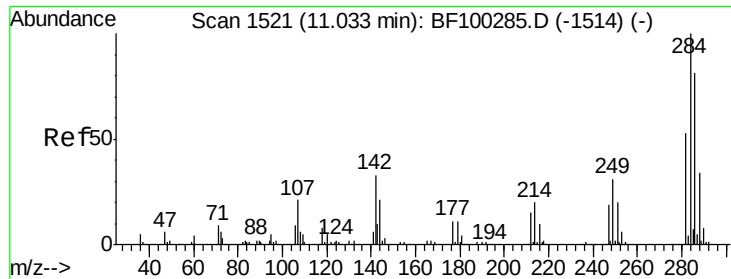
Tgt Ion:169 Resp: 467369
 Ion Ratio Lower Upper
 169 100
 168 62.6 54.4 81.6
 167 34.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.470 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion:248 Resp: 152284
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.9 115.3
 141 75.8 74.4 111.6

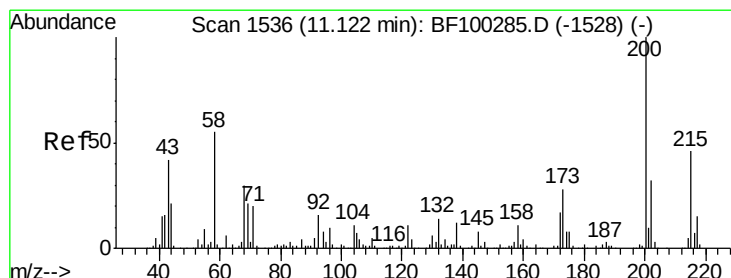
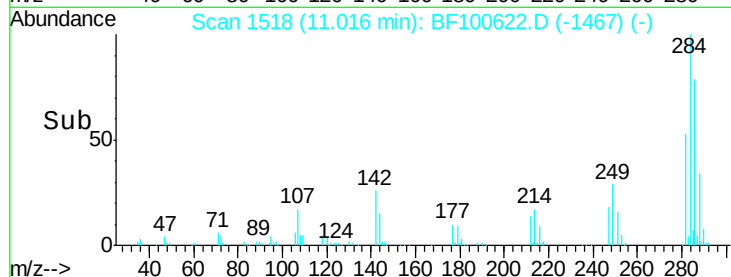
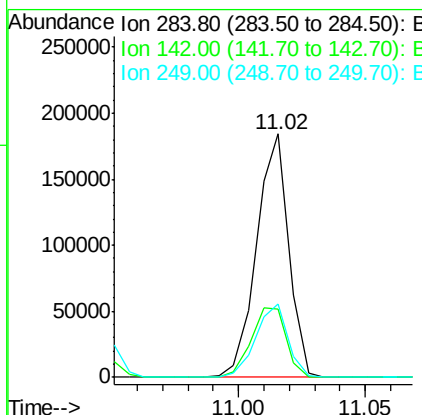
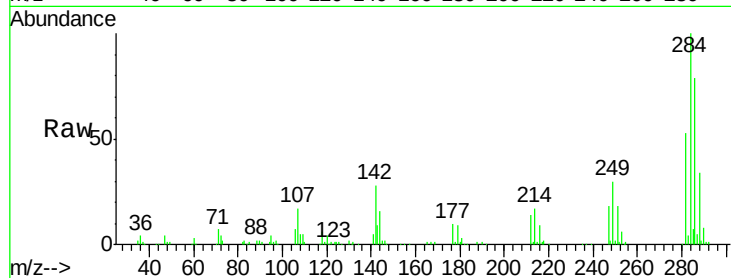




#67
Hexachlorobenzene
Concen: 37.225 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

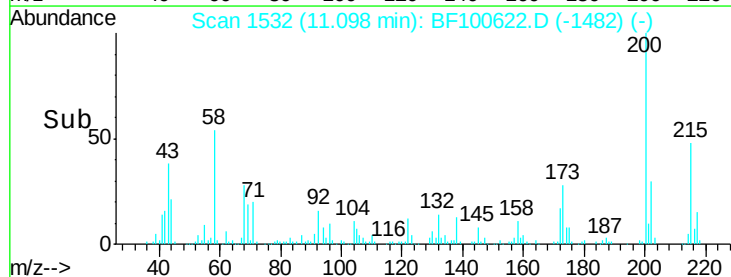
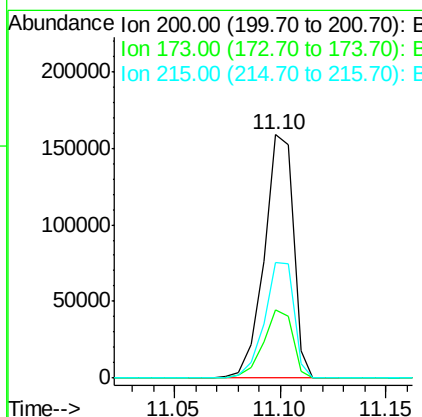
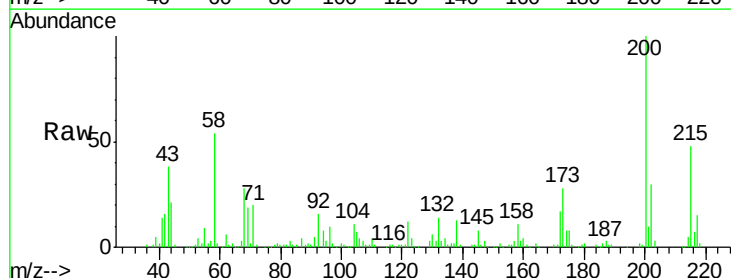
Instrument :
BNA_F
ClientSampleId :
PB104248BS

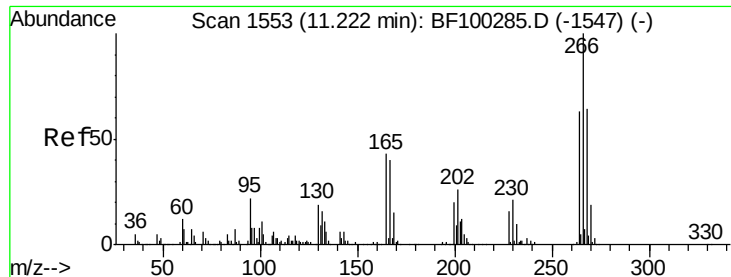
Tgt Ion:284 Resp: 162565
Ion Ratio Lower Upper
284 100
142 28.1 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 37.153 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:200 Resp: 152318
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 47.5 25.1 65.1





#69

Pentachlorophenol

Concen: 52.526 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

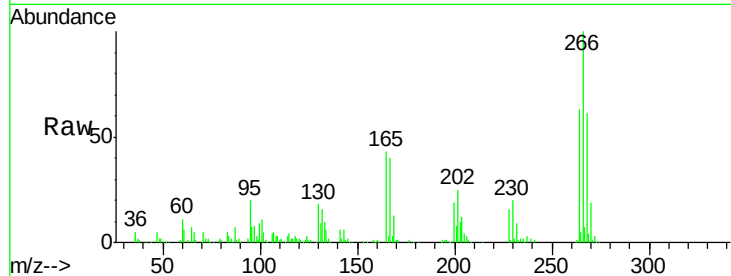
Tgt Ion:266 Resp: 164484

Ion Ratio Lower Upper

266 100

268 61.2 51.1 76.7

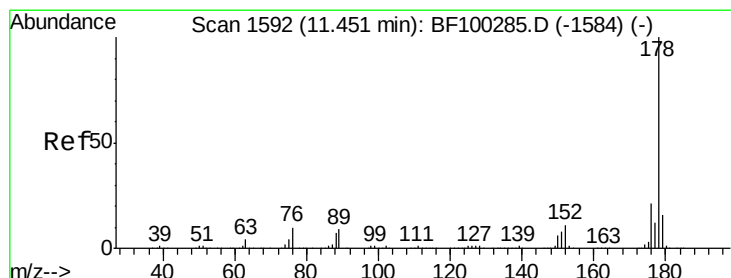
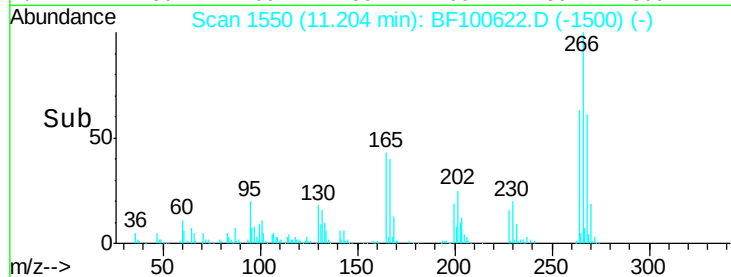
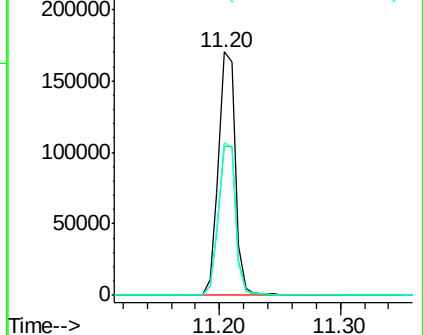
264 62.6 49.5 74.3



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: 36.034 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

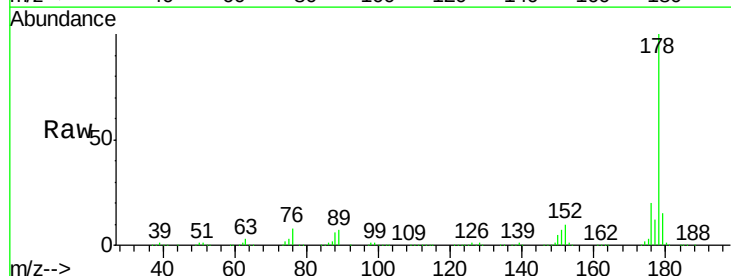
Tgt Ion:178 Resp: 738998

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

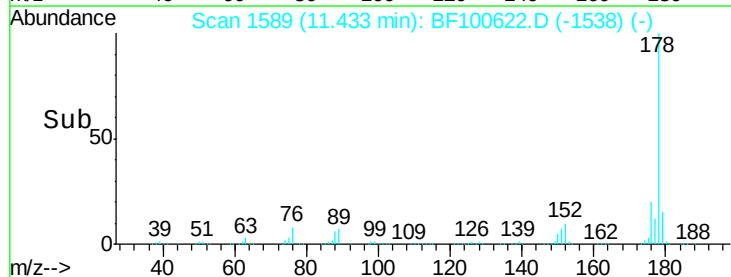
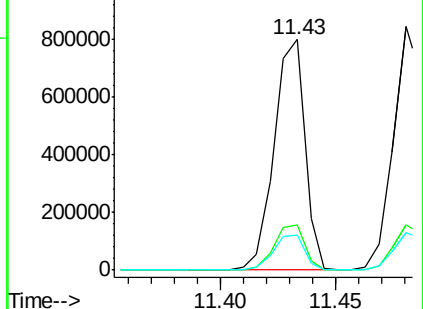
179 15.0 13.0 19.6

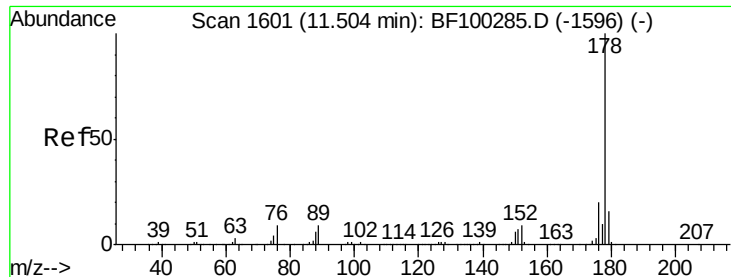


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.596 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

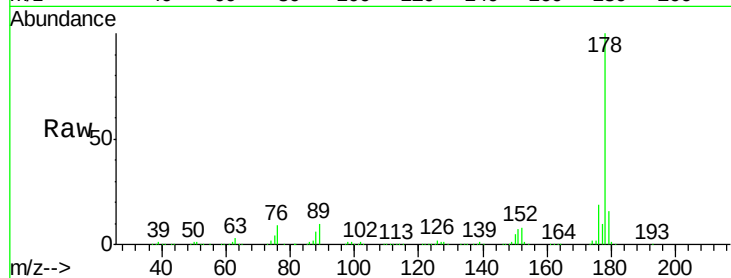
Tgt Ion:178 Resp: 761452

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

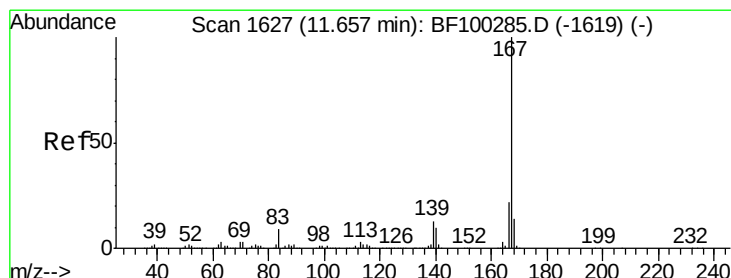
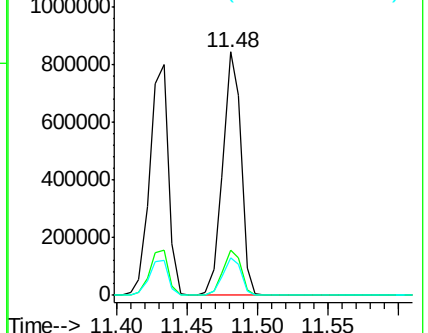
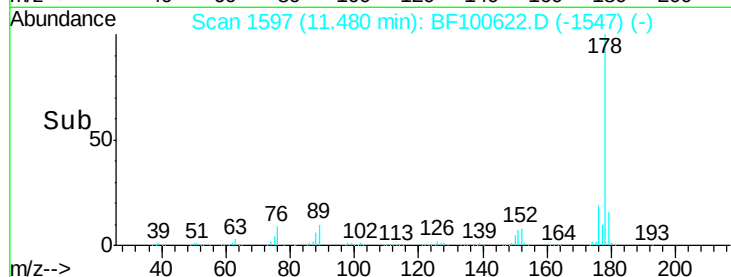
179 15.6 12.6 19.0



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



#72

Carbazole

Concen: 35.657 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

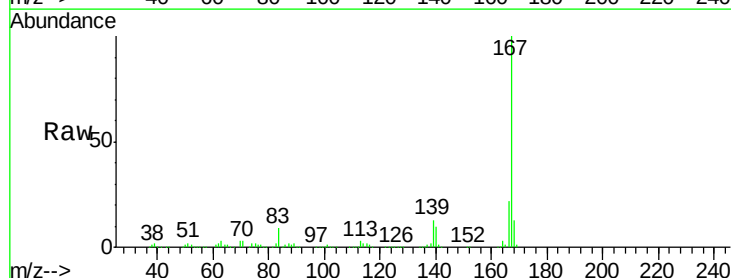
Tgt Ion:167 Resp: 684566

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

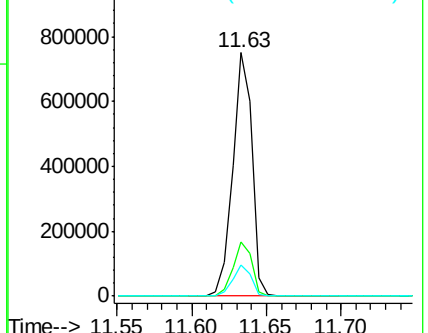
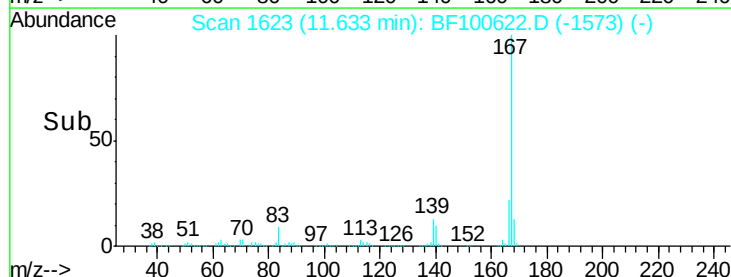
139 12.8 10.9 16.3

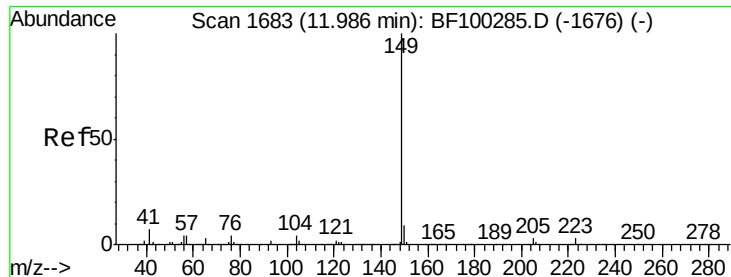


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.215 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

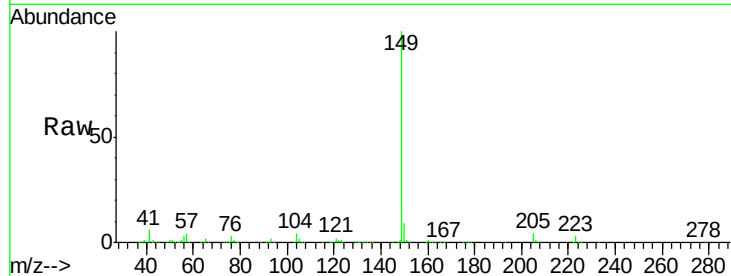
Tgt Ion:149 Resp: 858588

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

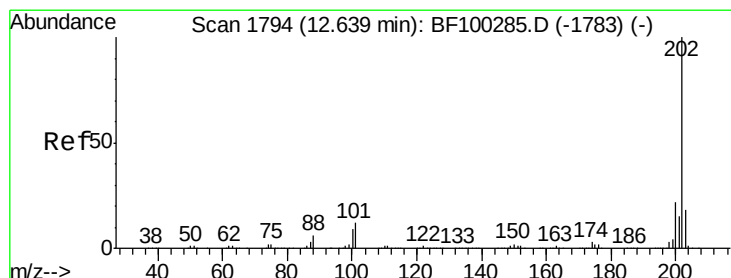
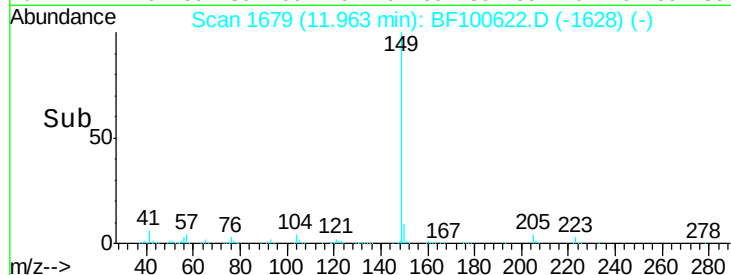
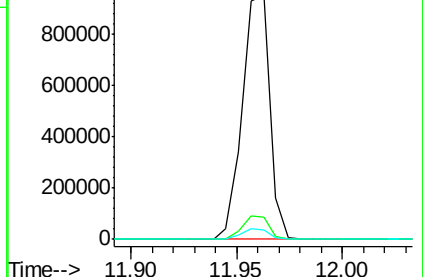
104 3.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.533 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

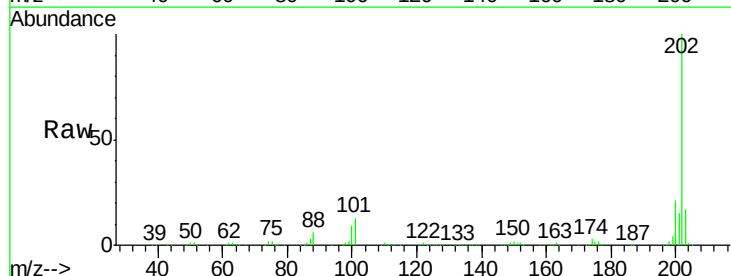
Tgt Ion:202 Resp: 794044

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

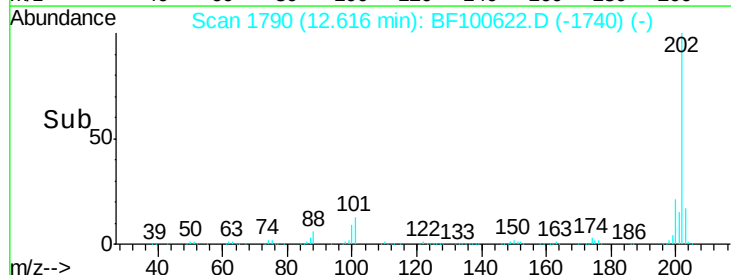
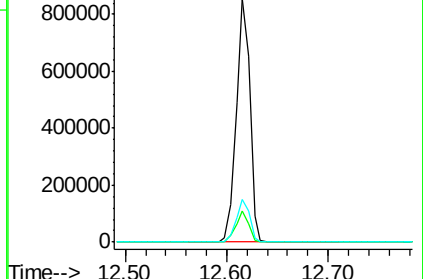
203 17.5 0.0 38.1

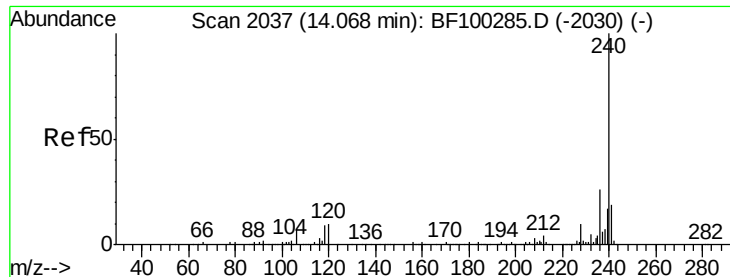


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

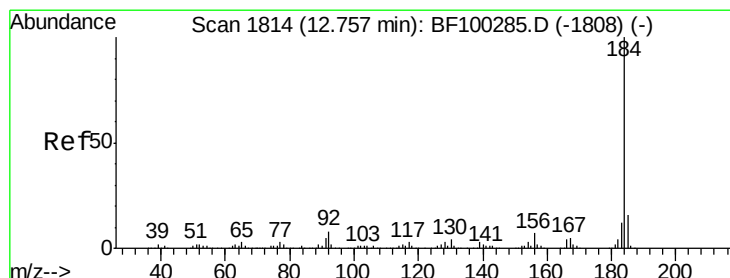
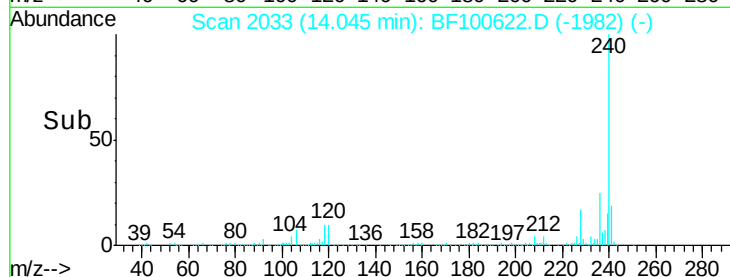
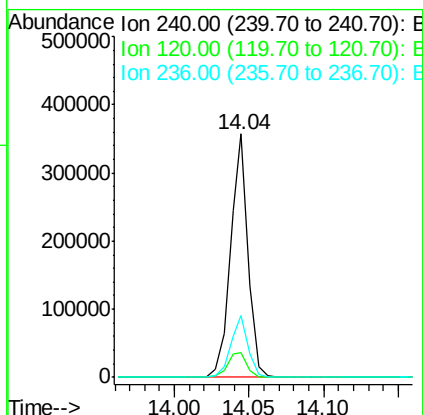
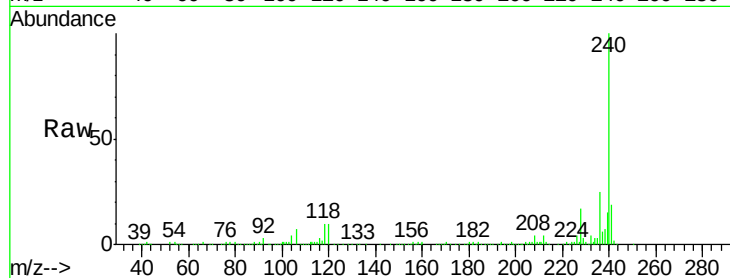
Instrument :

BNA_F

ClientSampleId :

PB104248BS

Tgt Ion:	240	Resp:	296076
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.3	20.7	31.1



#76

Benzidine

Concen: 17.385 ng

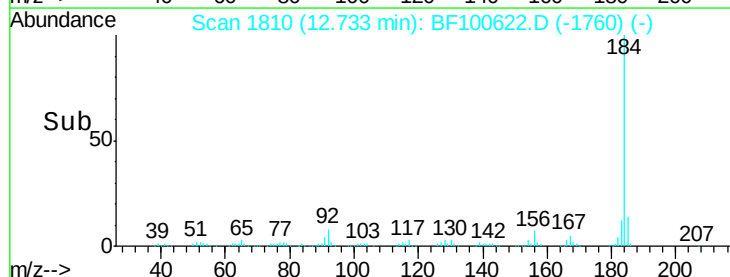
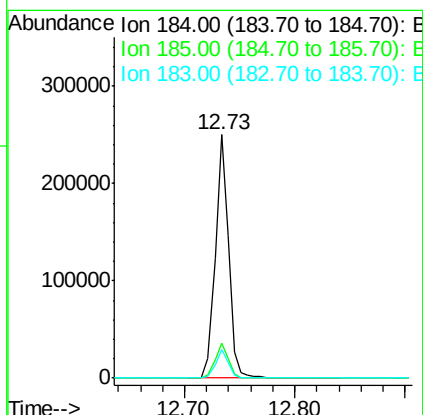
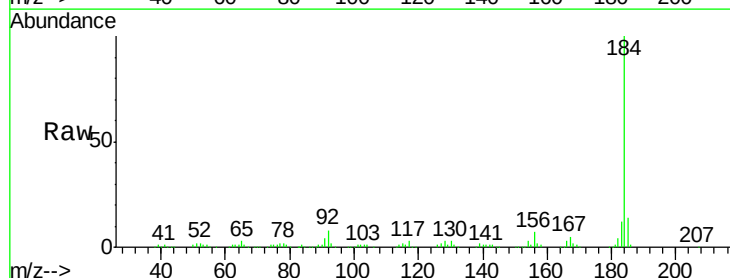
RT: 12.73 min Scan# 1810

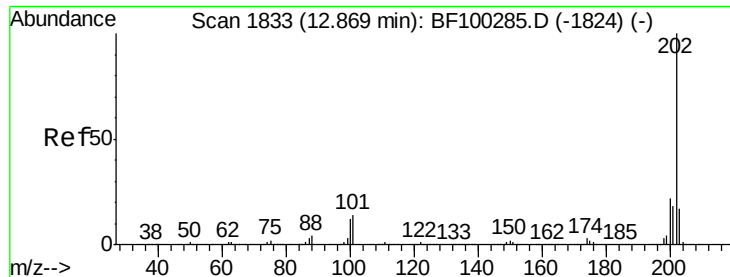
Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Tgt Ion:	184	Resp:	206135
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.7	9.3	13.9

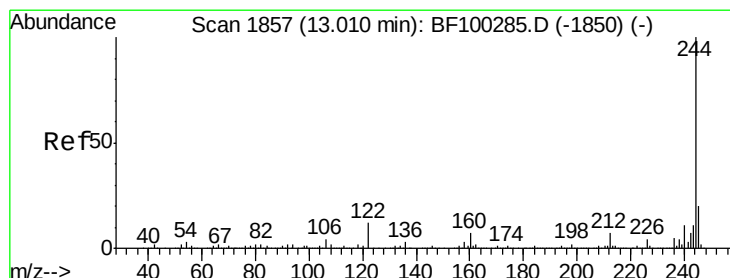
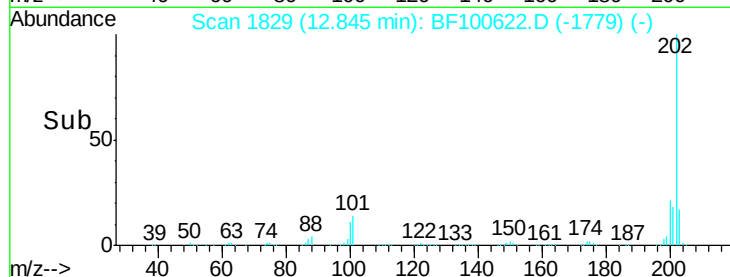
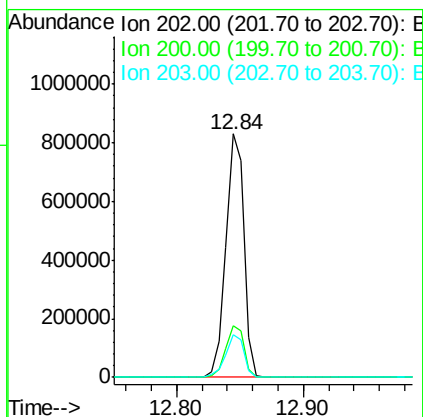
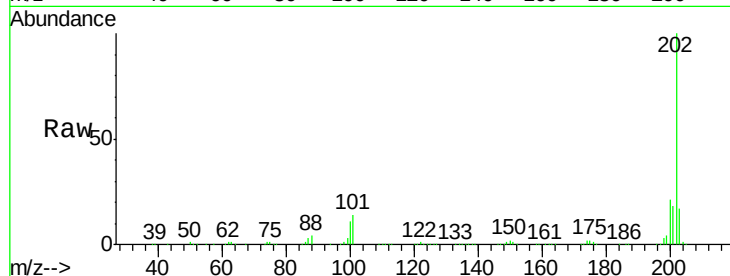




#77
 Pyrene
 Concen: 38.569 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

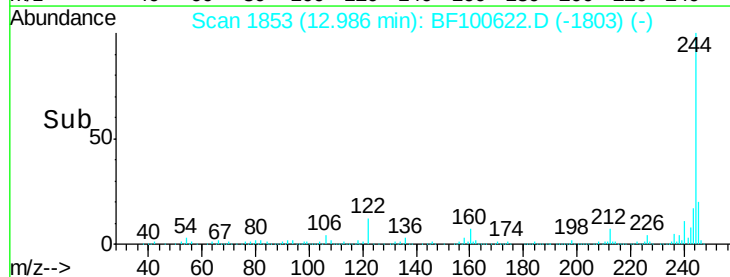
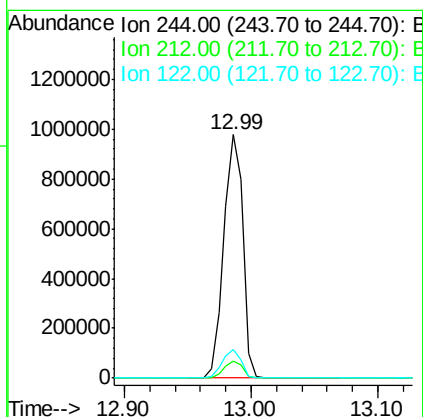
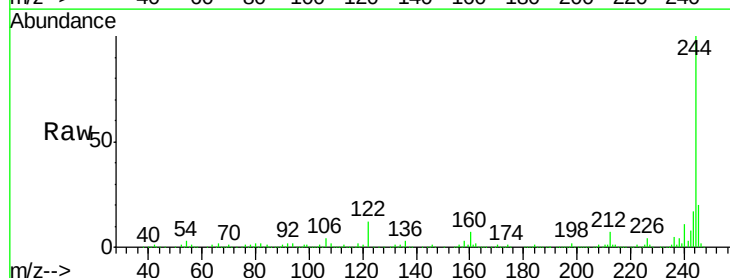
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

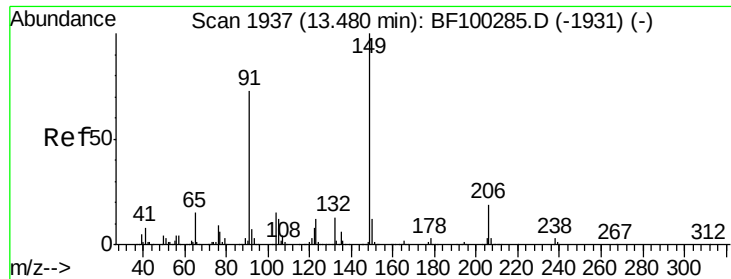
Tgt Ion: 202 Resp: 814026
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 79.078 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion: 244 Resp: 1018973
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 11.0 16.4

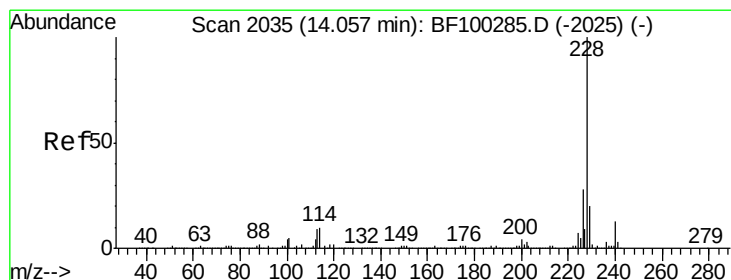
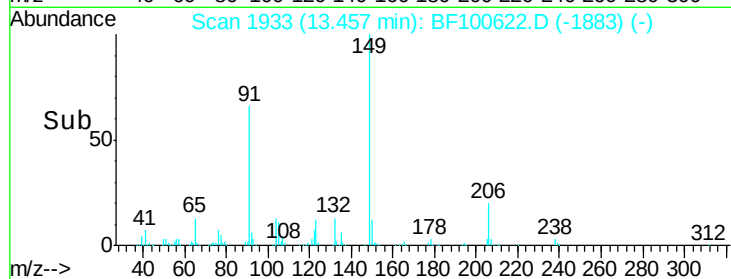
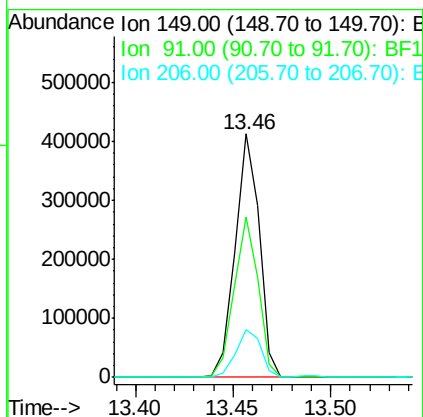
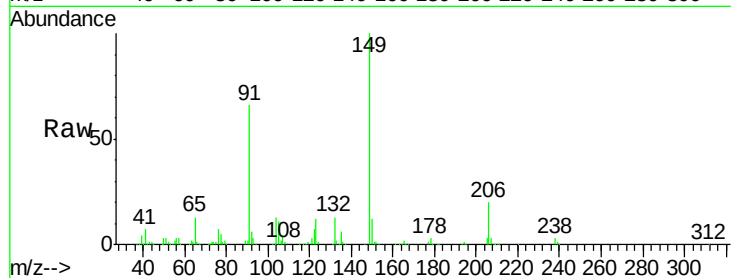




#79
Butylbenzylphthalate
Concen: 41.230 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

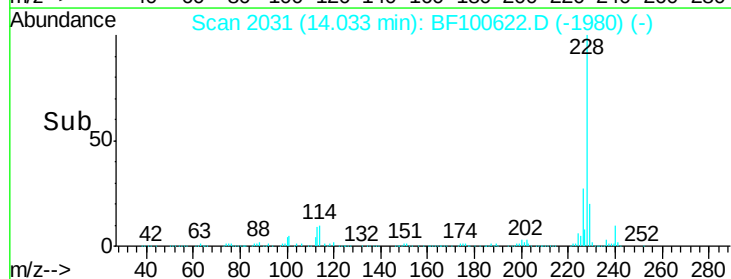
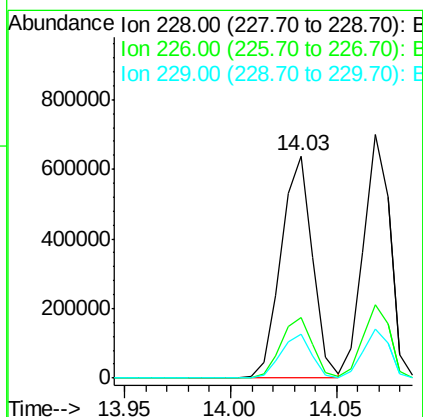
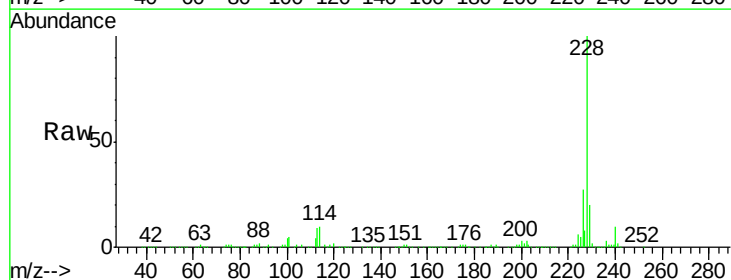
Instrument :
BNA_F
ClientSampleId :
PB104248BS

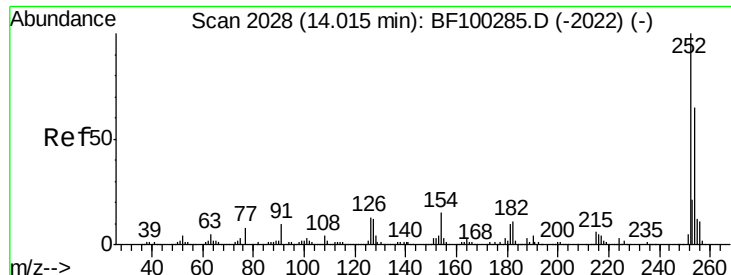
Tgt Ion:149 Resp: 354874
Ion Ratio Lower Upper
149 100
91 66.0 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.104 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:228 Resp: 661542
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 15.8 23.6

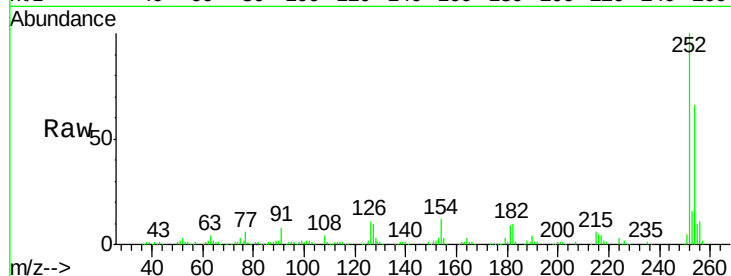




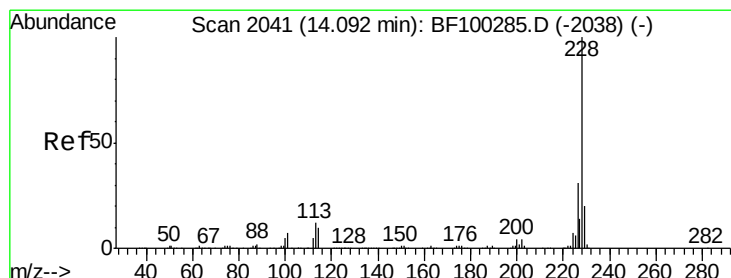
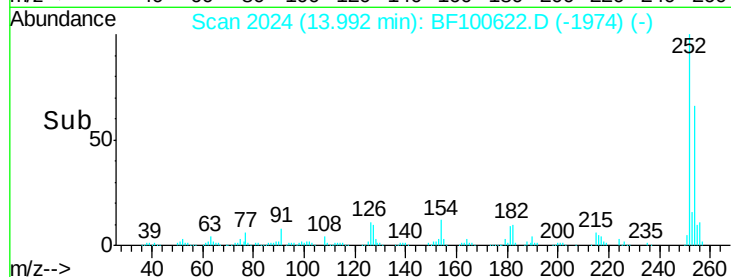
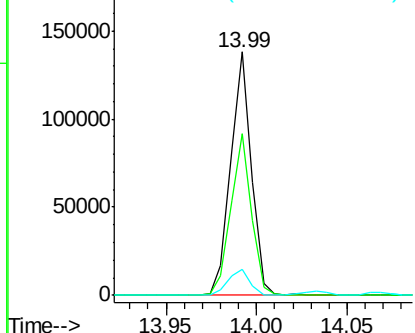
#81
 3,3'-Dichlorobenzidine
 Concen: 17.317 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.4	75.6
126	10.6	11.3	16.9#

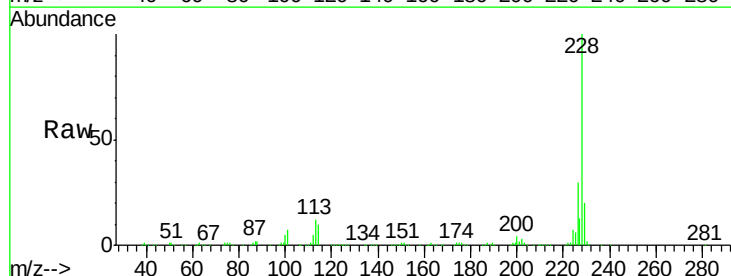


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

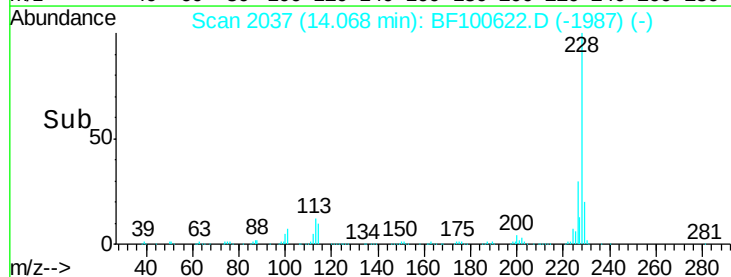
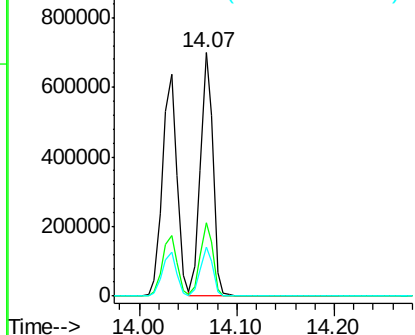


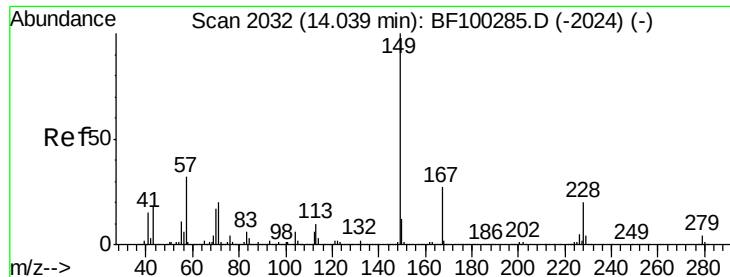
#82
 Chrysene
 Concen: 36.026 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.392 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

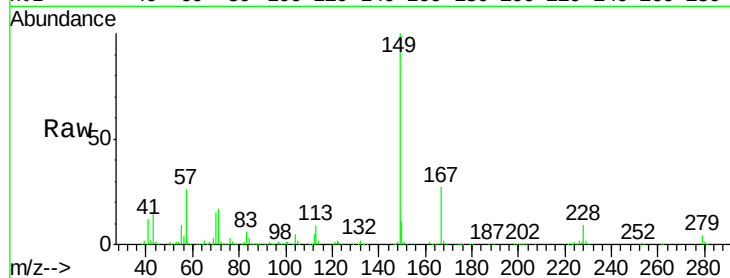
Tgt Ion:149 Resp: 479893

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

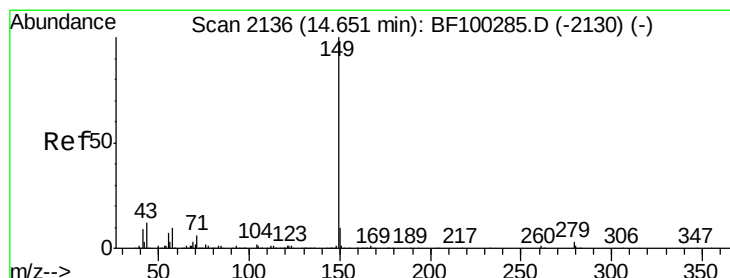
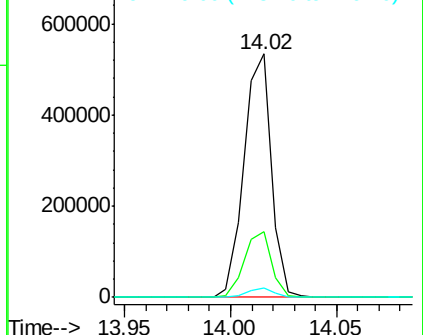
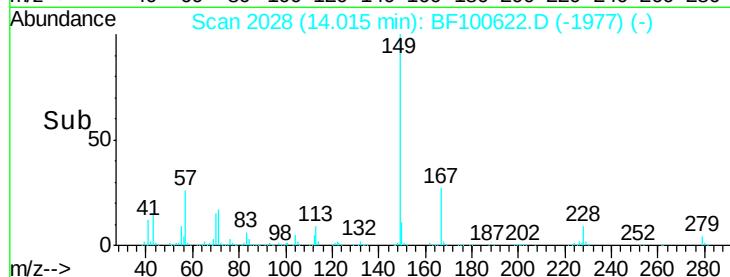
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.384 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

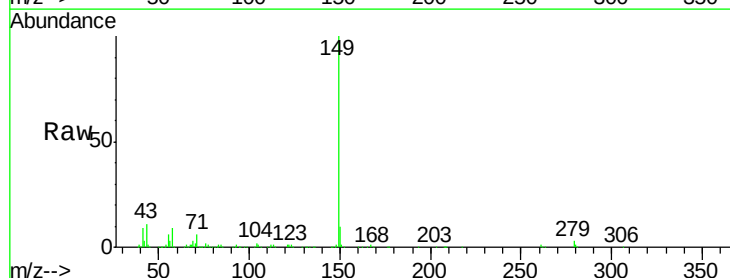
Tgt Ion:149 Resp: 707576

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

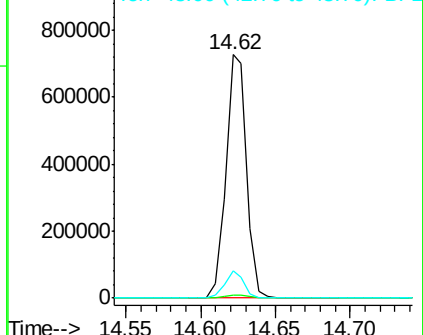
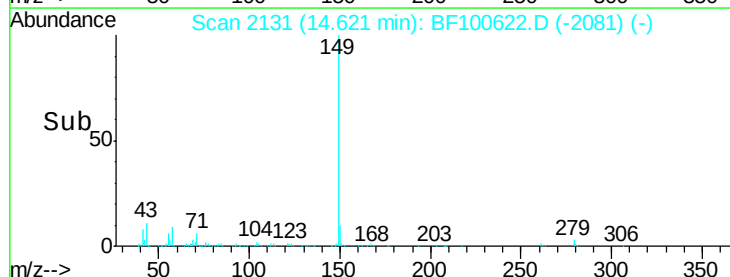
43 10.2 8.4 12.6

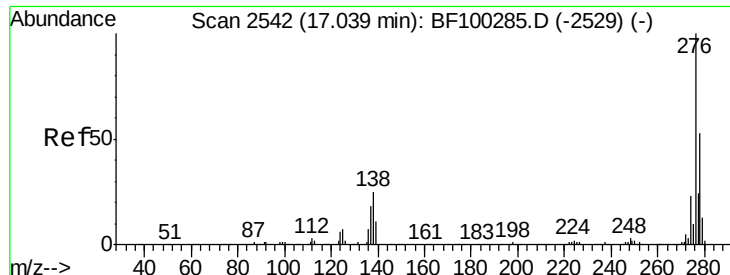


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

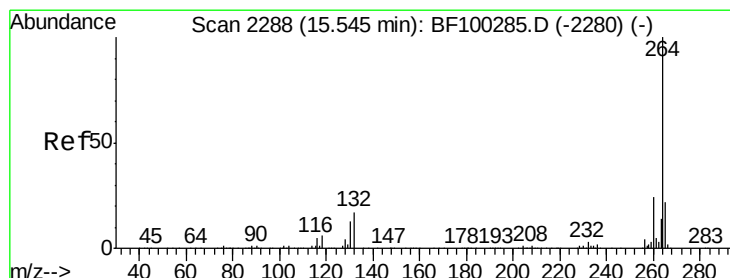
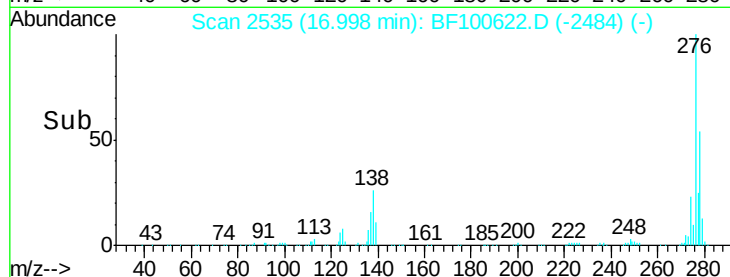
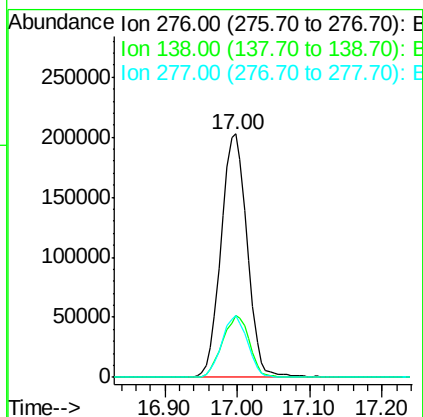
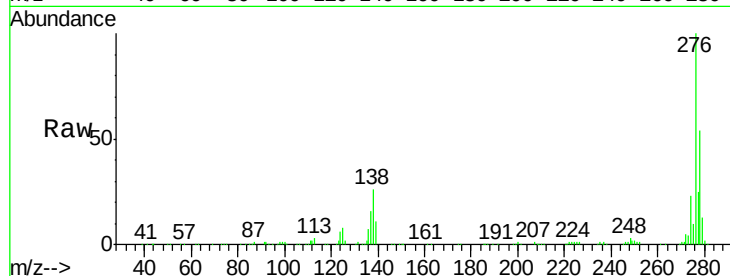




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.544 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

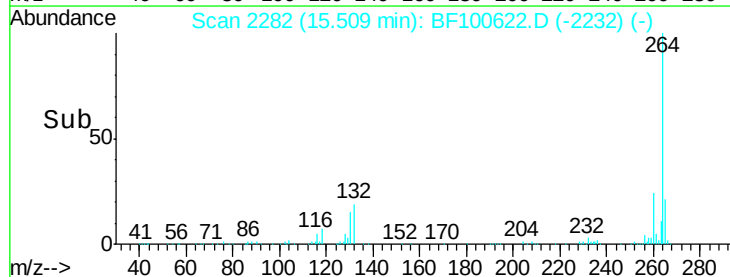
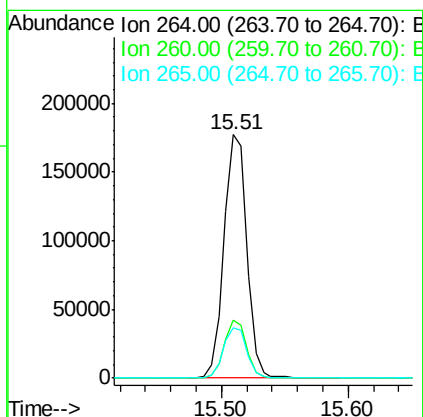
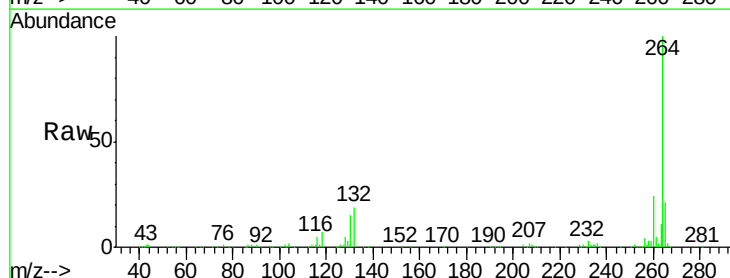
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BS

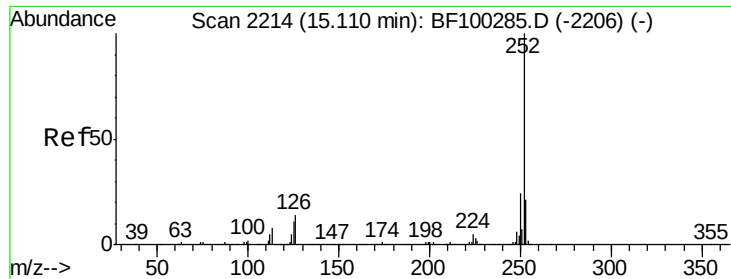
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100622.D
 Acq: 16 Nov 2017 11:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

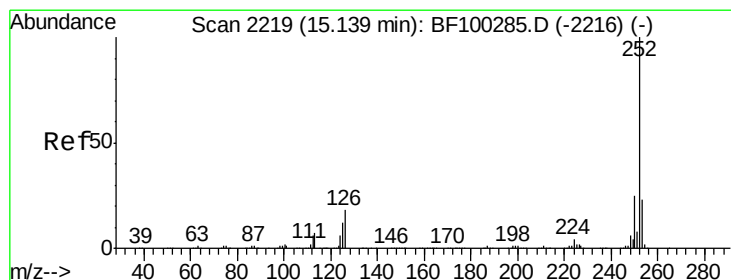
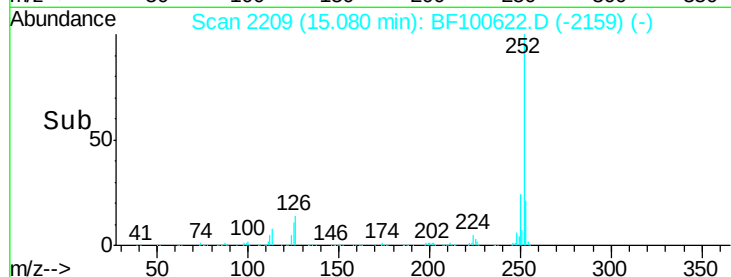
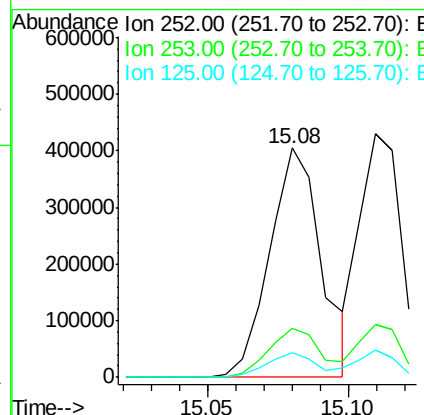
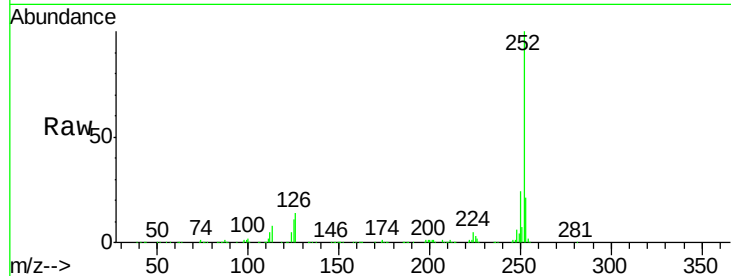




#87
Benzo(b)fluoranthene
Concen: 39.208 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

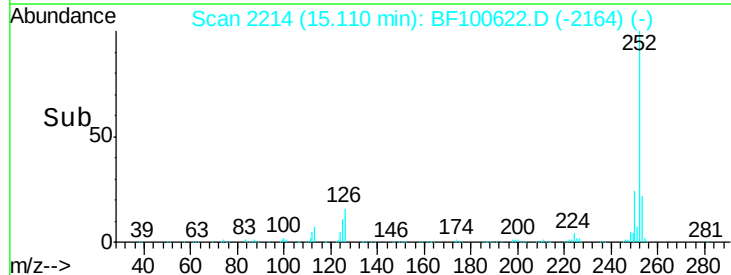
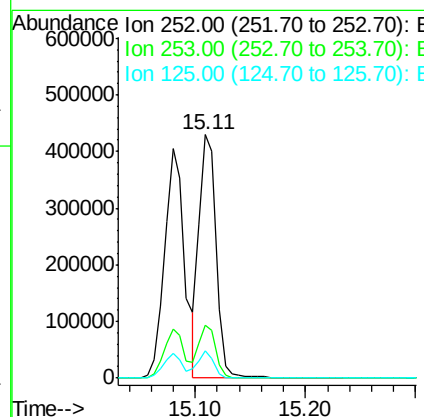
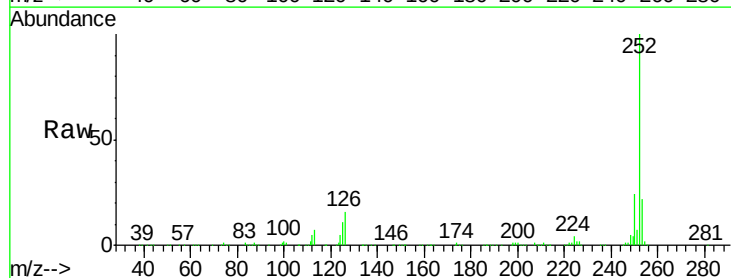
Instrument :
BNA_F
ClientSampleId :
PB104248BS

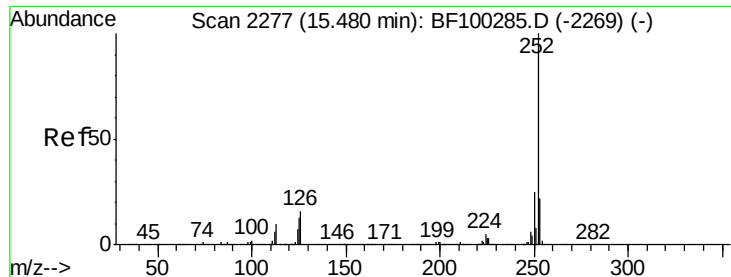
Tgt Ion:252 Resp: 513491
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.249 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100622.D
Acq: 16 Nov 2017 11:19

Tgt Ion:252 Resp: 448567
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.240 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

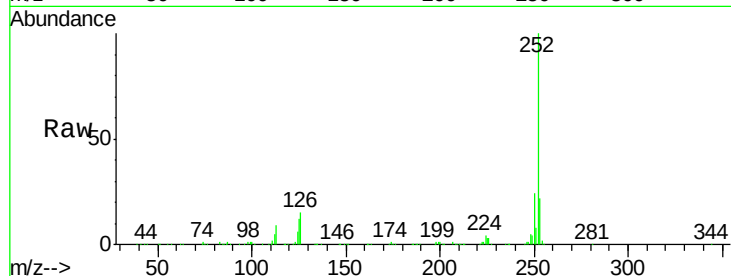
Tgt Ion:252 Resp: 443996

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

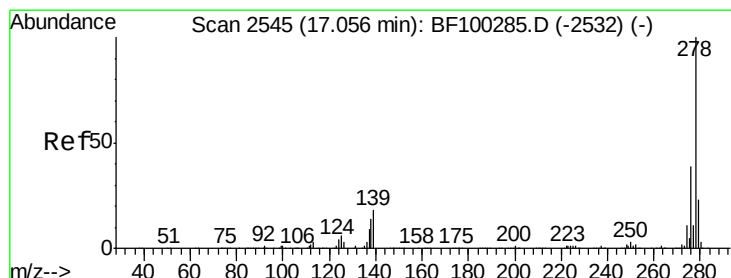
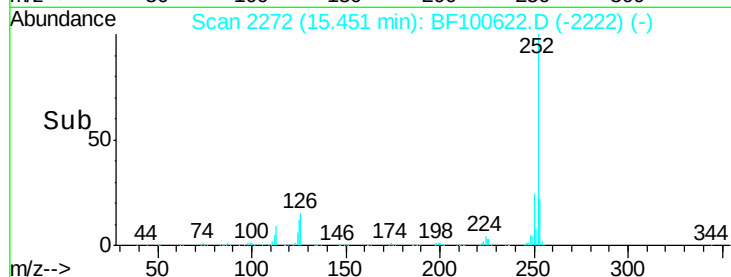
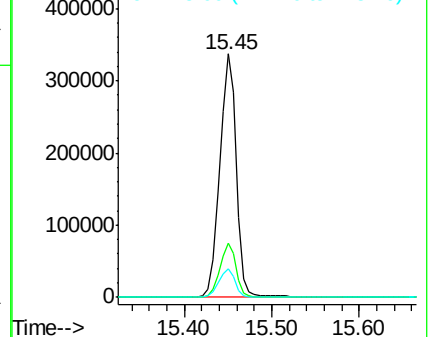
125 11.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.703 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

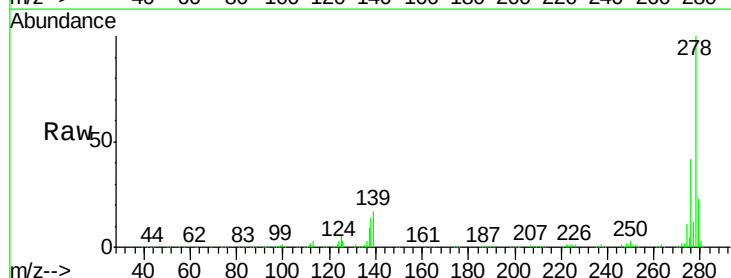
Tgt Ion:278 Resp: 414977

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

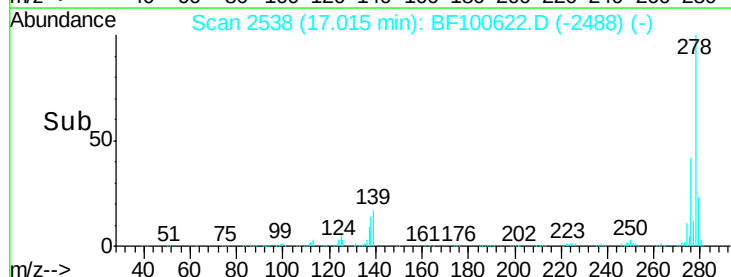
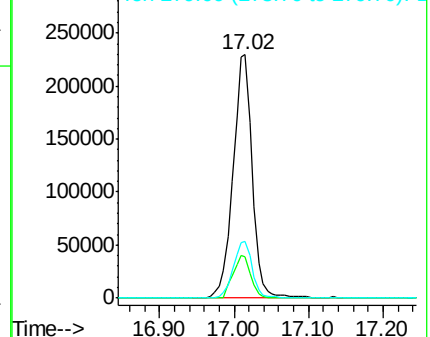
279 23.4 19.0 28.4

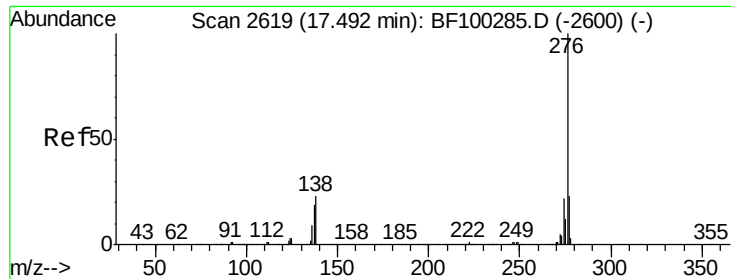


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.178 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BF100622.D

Acq: 16 Nov 2017 11:19

Instrument :

BNA_F

ClientSampleId :

PB104248BS

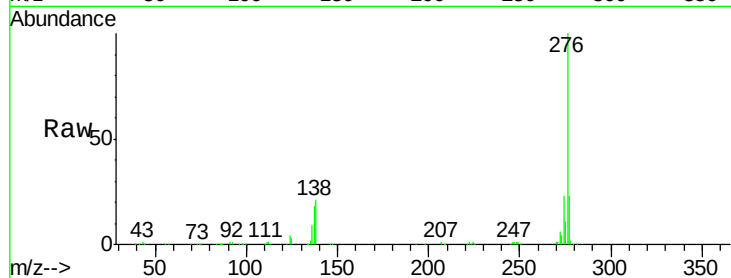
Tgt Ion:276 Resp: 438511

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 21.3 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

