

Data File : BF100731.D
Acq On : 20 Nov 2017 15:37
Operator : SJ/JU
Sample : PB104346BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Quant Time: Nov 21 03:25:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91975	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	370271	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	167185	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	317434	20.00	ng	0.00
75) Chrysene-d12	14.03	240	171249	20.00	ng	-0.01
86) Perylene-d12	15.50	264	193530	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729693	127.17	ng	0.01
7) Phenol-d6	6.51	99	879326	124.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	562718	100.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	235286	138.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1122966	102.28	ng	0.00
78) Terphenyl-d14	12.98	244	929148	124.67	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.75	88	104319	37.31 ng	97
3) Pyridine	3.50	79	308204	40.40 ng	96
4) n-Nitrosodimethylamine	3.47	42	144668	39.06 ng	# 97
6) Aniline	6.54	93	304654	30.48 ng	99
8) 2-Chlorophenol	6.66	128	296786	48.89 ng	95
9) Benzaldehyde	6.42	77	101521	20.09 ng	98
10) Phenol	6.52	94	360682	48.56 ng	99
11) bis(2-Chloroethyl)ether	6.61	93	270591	43.37 ng	95
12) 1,3-Dichlorobenzene	6.82	146	334003	47.73 ng	98
13) 1,4-Dichlorobenzene	6.89	146	338697	47.82 ng	96
14) 1,2-Dichlorobenzene	7.05	146	315099	48.11 ng	97
15) Benzyl Alcohol	7.02	79	250136	45.30 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	476381	47.74 ng	99
17) 2-Methylphenol	7.12	107	254058	48.98 ng	98
18) Hexachloroethane	7.39	117	113296	48.51 ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	202994	41.37 ng	96
20) 3+4-Methylphenols	7.27	107	302272	46.05 ng	# 87
22) Acetophenone	7.29	105	393742	43.61 ng	# 98
24) Nitrobenzene	7.46	77	300211	52.08 ng	97
25) Isophorone	7.70	82	556330	47.27 ng	99
26) 2-Nitrophenol	7.77	139	168919	60.88 ng	93
27) 2,4-Dimethylphenol	7.80	122	279318	52.94 ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	352139	45.74 ng	100
29) 2,4-Dichlorophenol	8.01	162	261541	51.93 ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	279465	51.30 ng	97
31) Naphthalene	8.18	128	861526	48.31 ng	99
32) Benzoic acid	7.92	122	93118	27.92 ng	96
33) 4-Chloroaniline	8.22	127	176588	23.79 ng	98
34) Hexachlorobutadiene	8.29	225	158133	48.82 ng	97
35) Caprolactam	8.60	113	46635	26.98 ng	96
36) 4-Chloro-3-methylphenol	8.70	107	258016	47.70 ng	98
37) 2-Methylnaphthalene	8.87	142	587148	49.59 ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	272563	49.16 ng	97
40) Hexachlorocyclopentadiene	9.02	237	261175	100.08 ng	99

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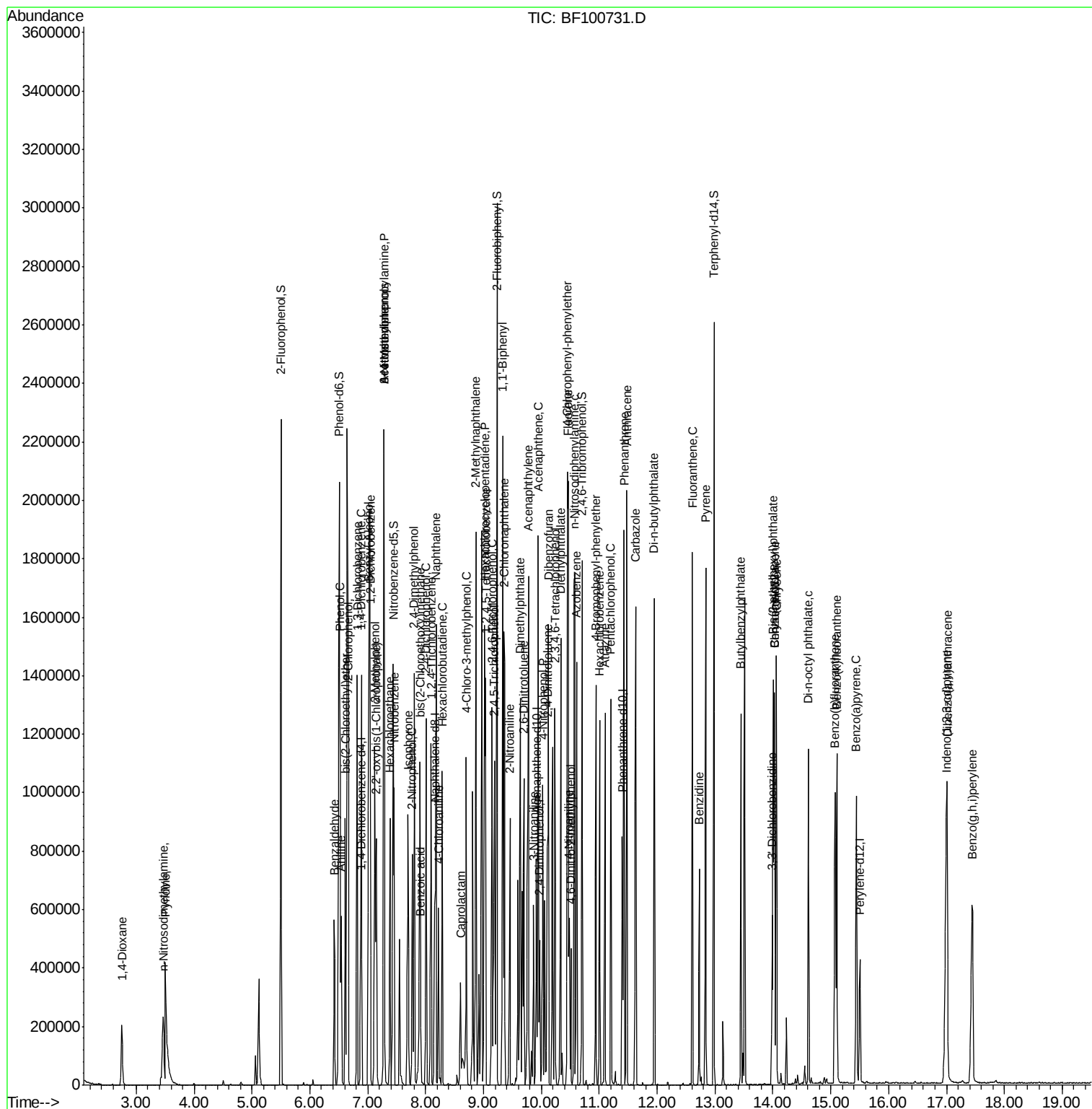
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	194427	55.33	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	198102	54.41	ng	94
45) 1,1'-Biphenyl	9.33	154	690816	47.77	ng	98
46) 2-Chloronaphthalene	9.36	162	546148	52.06	ng	95
47) 2-Nitroaniline	9.46	65	157949	50.79	ng	96
48) Acenaphthylene	9.77	152	828183	47.64	ng	100
49) Dimethylphthalate	9.63	163	617073	48.34	ng	99
50) 2,6-Dinitrotoluene	9.70	165	139686	55.28	ng	90
51) Acenaphthene	9.95	154	515957	48.80	ng	100
52) 3-Nitroaniline	9.86	138	99232	33.26	ng	99
53) 2,4-Dinitrophenol	9.97	184	69491	67.99	ng	# 17
54) Dibenzofuran	10.12	168	718964	48.52	ng	97
55) 4-Nitrophenol	10.03	139	199723	82.44	ng	93
56) 2,4-Dinitrotoluene	10.10	165	184452	57.87	ng	# 86
57) Fluorene	10.46	166	552097	50.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	155914	52.25	ng	# 84
59) Diethylphthalate	10.33	149	582236	45.58	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	267189	50.17	ng	93
61) 4-Nitroaniline	10.49	138	136946	48.41	ng	84
62) Azobenzene	10.61	77	527915	43.88	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	64178	41.46	ng	78
65) n-Nitrosodiphenylamine	10.57	169	517159	46.85	ng	96
66) 4-Bromophenyl-phenylether	10.94	248	173340	50.94	ng	90
67) Hexachlorobenzene	11.01	284	181366	50.96	ng	# 86
68) Atrazine	11.10	200	160467	48.03	ng	96
69) Pentachlorophenol	11.20	266	169101	66.26	ng	98
70) Phenanthrene	11.43	178	803153	48.05	ng	99
71) Anthracene	11.47	178	834799	49.23	ng	100
72) Carbazole	11.63	167	704501	45.03	ng	99
73) Di-n-butylphthalate	11.95	149	885826	48.38	ng	99
74) Fluoranthene	12.61	202	770896	43.52	ng	98
76) Benzidine	12.73	184	270499	39.44	ng	97
77) Pyrene	12.84	202	757771	62.08	ng	98
79) Butylbenzylphthalate	13.45	149	286834	57.62	ng	91
80) Benzo(a)anthracene	14.03	228	530337	51.43	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	129257	34.98	ng	# 96
82) Chrysene	14.06	228	484523	48.52	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	357899	54.66	ng	98
84) Di-n-octyl phthalate	14.62	149	539981	48.01	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	656467	81.27	ng	95
87) Benzo(b)fluoranthene	15.07	252	544550	47.49	ng	99
88) Benzo(k)fluoranthene	15.10	252	470825	43.46	ng	98
89) Benzo(a)pyrene	15.44	252	515511	50.72	ng	99
90) Dibenzo(a,h)anthracene	17.01	278	542382	65.25	ng	97
91) Benzo(g,h,i)perylene	17.44	276	570507	70.11	ng	94

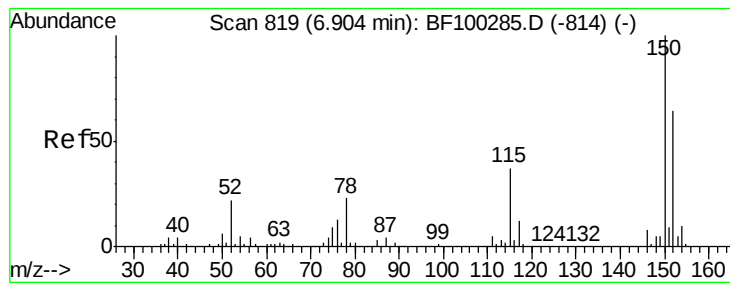
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

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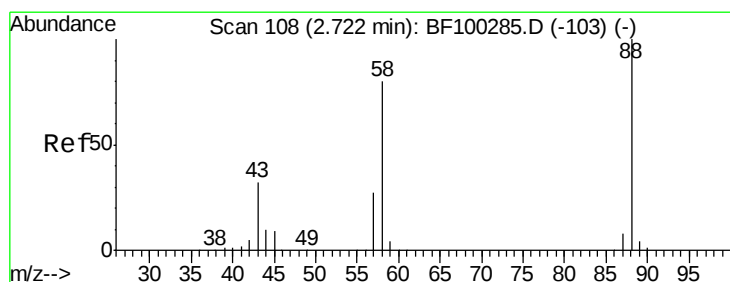
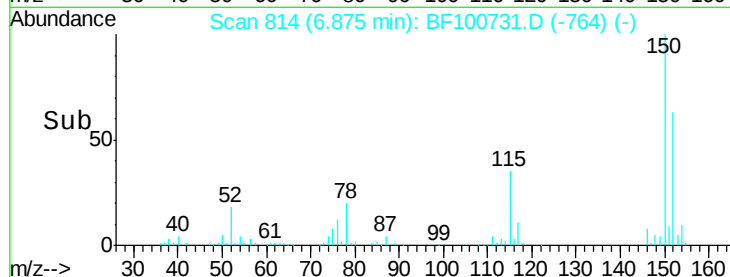
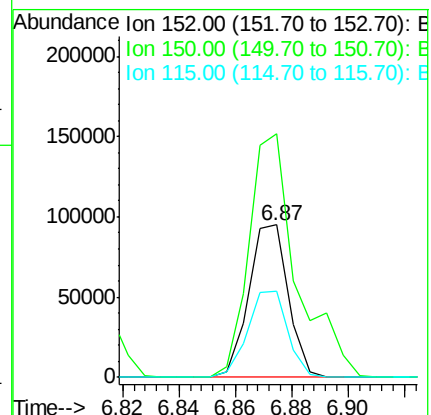
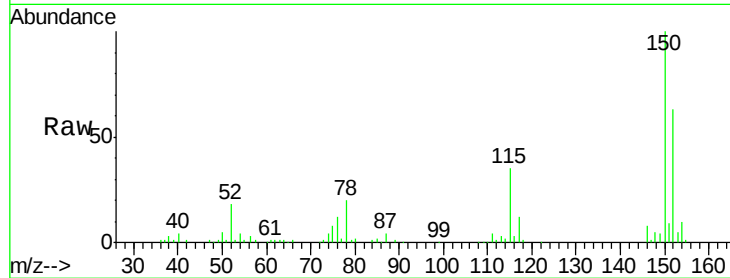
Tgt Ion:152 Resp: 91975

Ion Ratio Lower Upper

152 100

150 159.5 124.6 186.8

115 56.5 50.1 75.1



#2

1,4-Dioxane

Concen: 37.31 ng

RT: 2.75 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

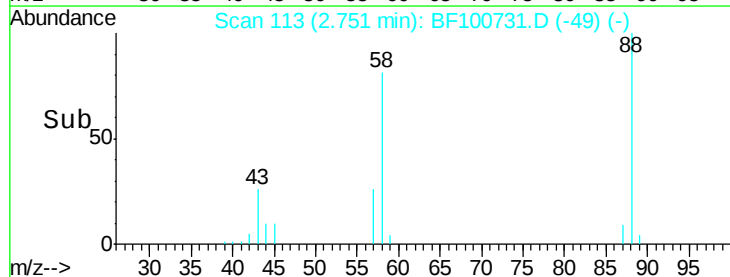
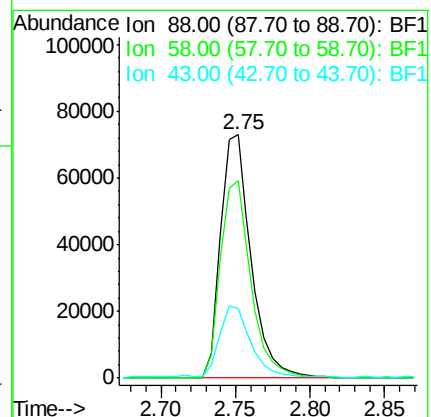
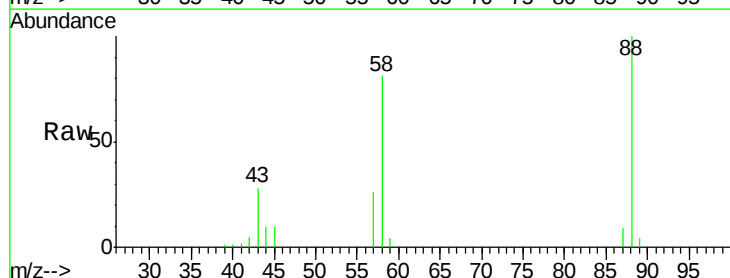
Tgt Ion: 88 Resp: 104319

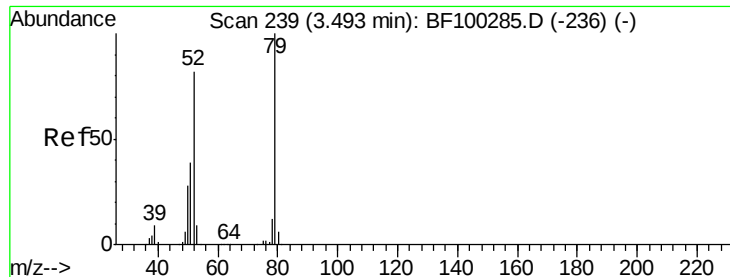
Ion Ratio Lower Upper

88 100

58 81.3 62.6 93.8

43 31.4 24.6 37.0

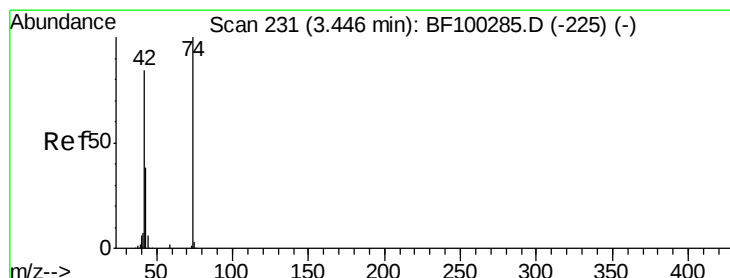
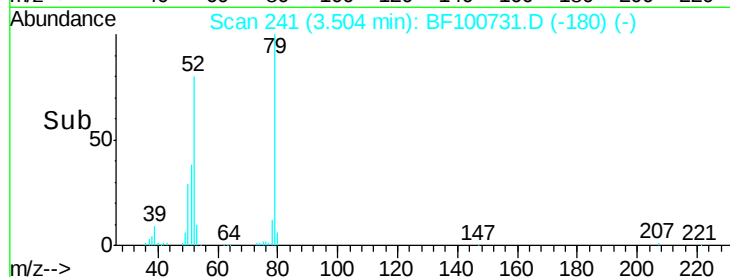
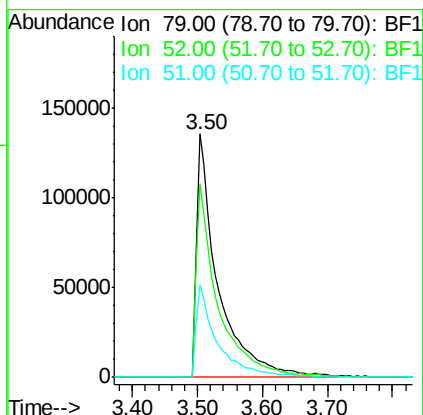
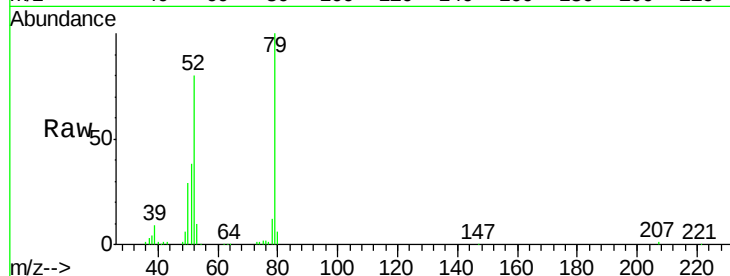




#3
 Pyridine
 Concen: 40.40 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.06 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

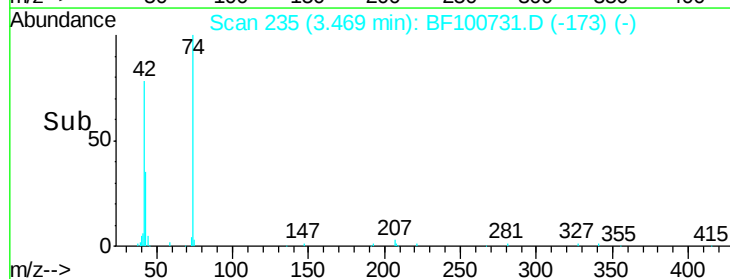
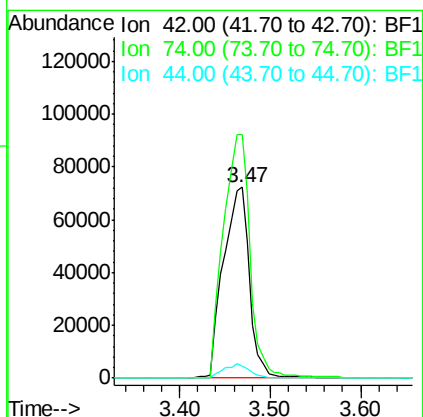
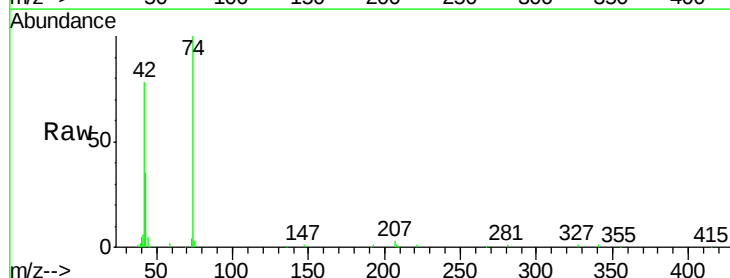
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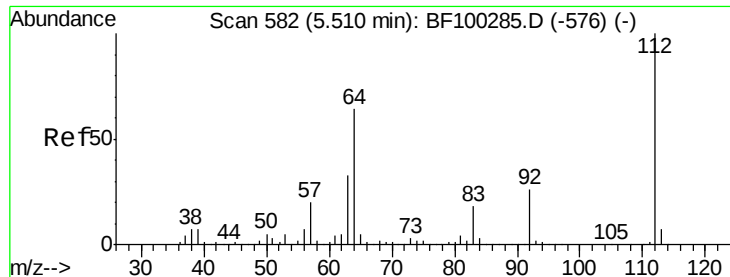
Tgt Ion: 79 Resp: 308204
 Ion Ratio Lower Upper
 79 100
 52 79.8 59.8 89.6
 51 37.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.06 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.06 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion: 42 Resp: 144668
 Ion Ratio Lower Upper
 42 100
 74 127.4 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 127.17 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

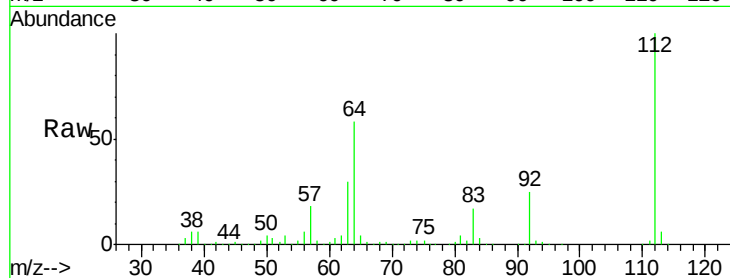
Tgt Ion: 112 Resp: 729693

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

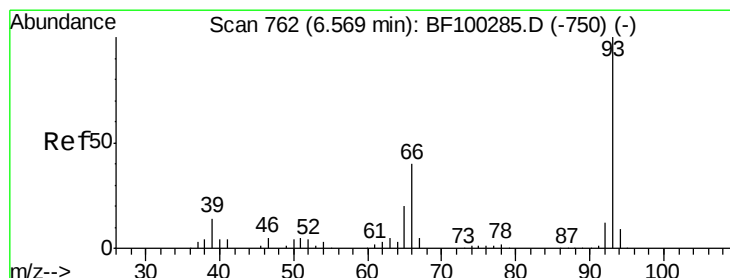
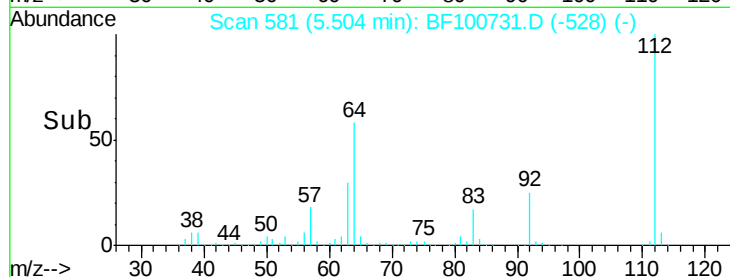
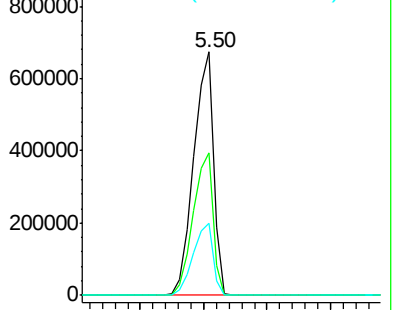
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.48 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

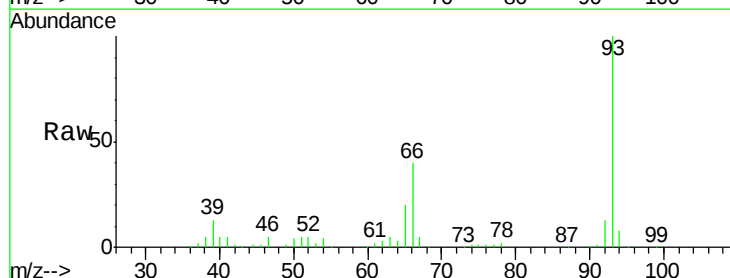
Tgt Ion: 93 Resp: 304654

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

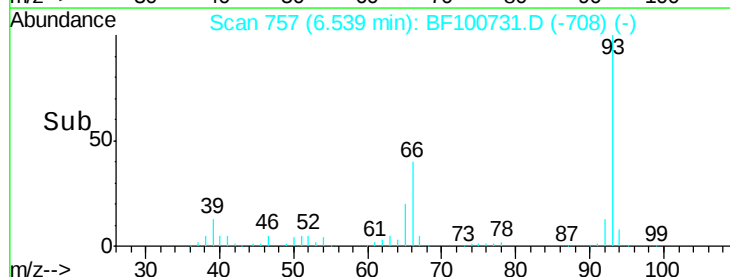
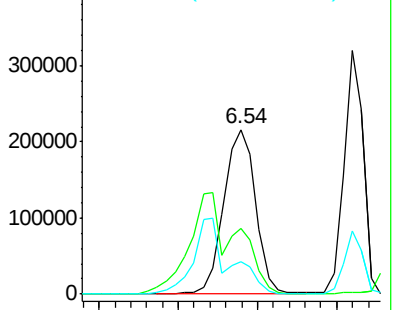
65 19.5 16.4 24.6

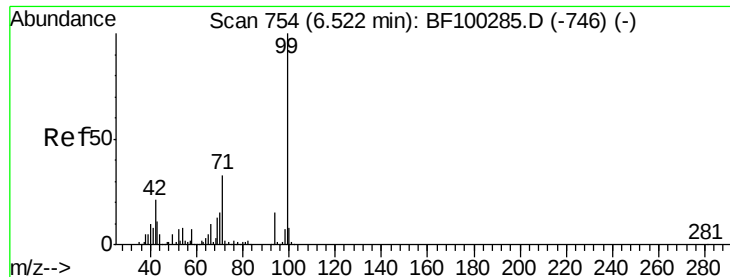


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.28 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

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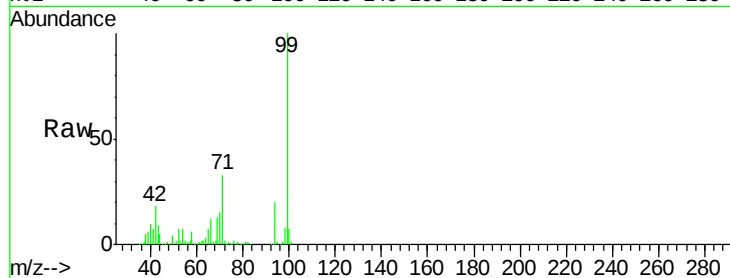
Tgt Ion: 99 Resp: 879326

Ion Ratio Lower Upper

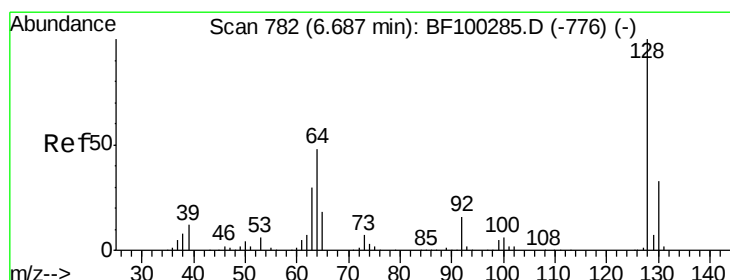
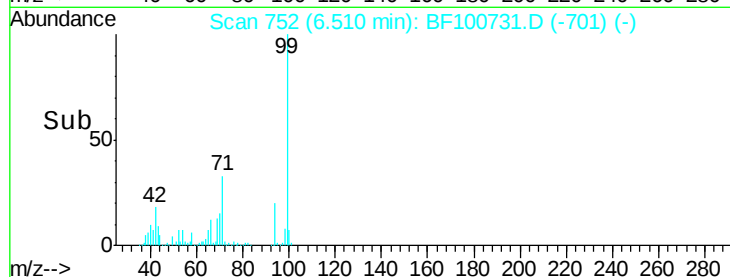
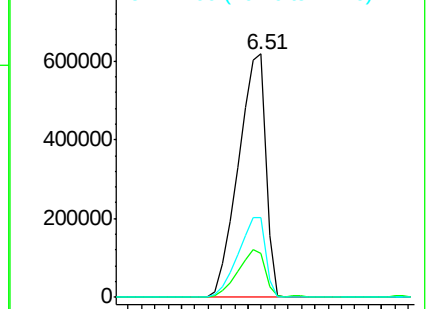
99 100

42 18.2 14.5 21.7

71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.89 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

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Acq: 20 Nov 2017 15:37

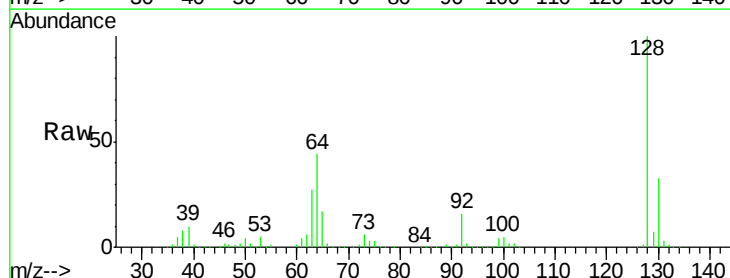
Tgt Ion: 128 Resp: 296786

Ion Ratio Lower Upper

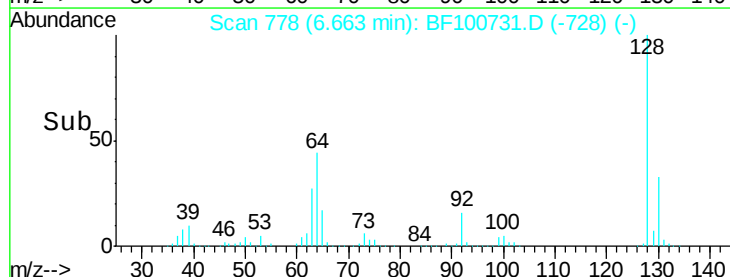
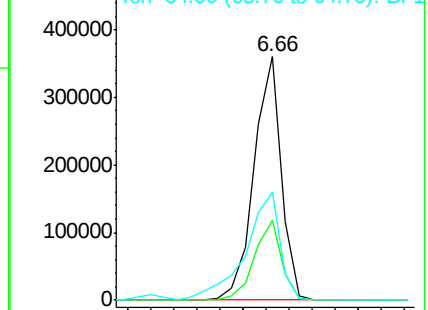
128 100

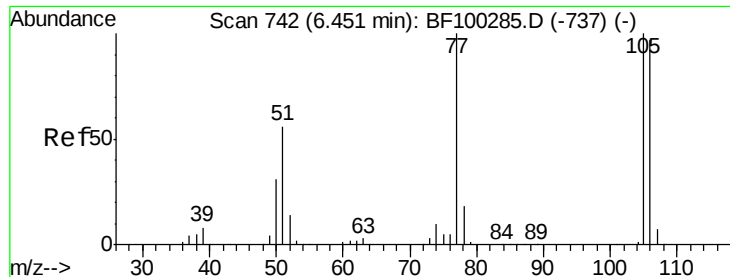
130 32.7 13.0 53.0

64 44.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.09 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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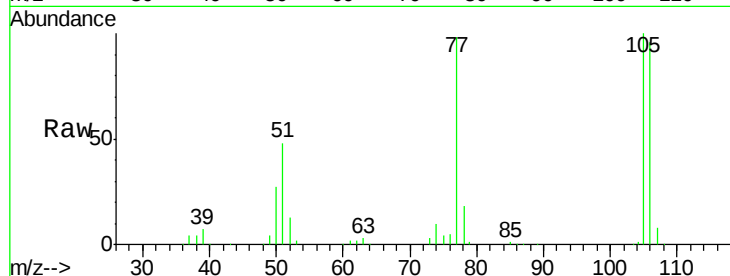
Tgt Ion: 77 Resp: 101521

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

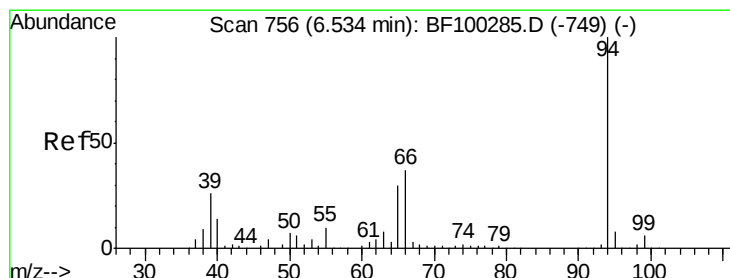
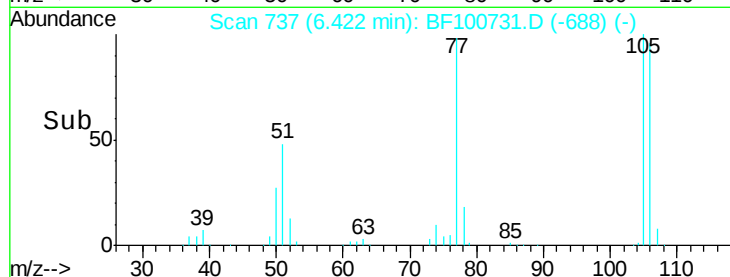
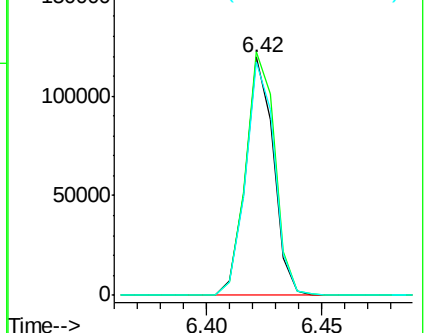
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.56 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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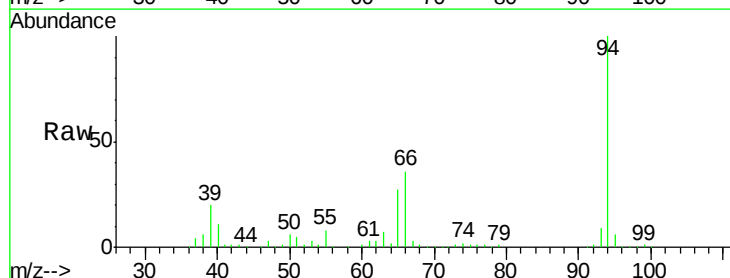
Tgt Ion: 94 Resp: 360682

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

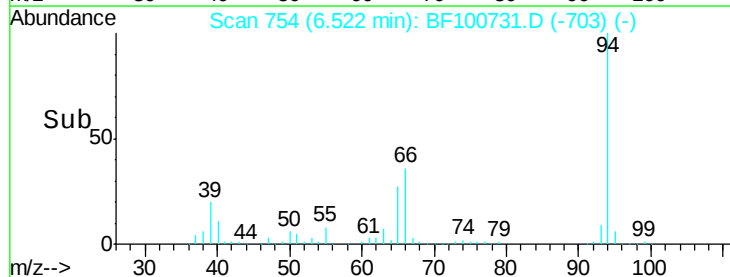
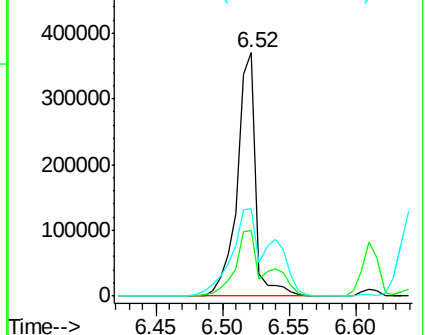
66 35.9 16.2 56.2

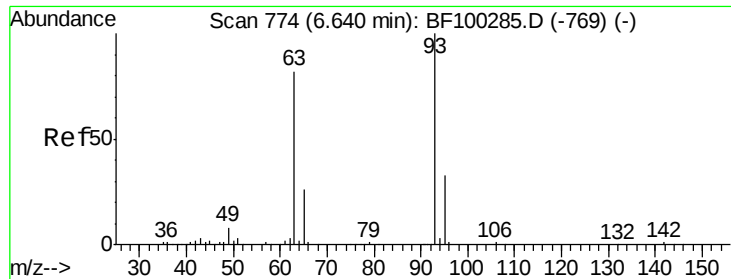


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

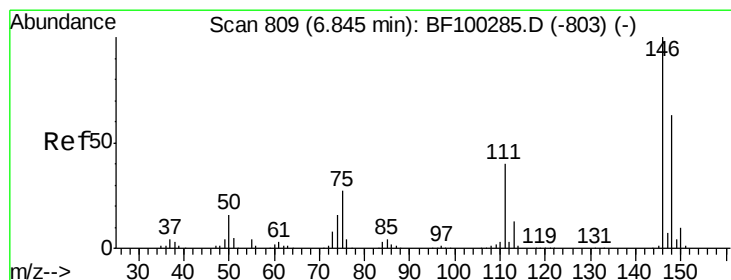
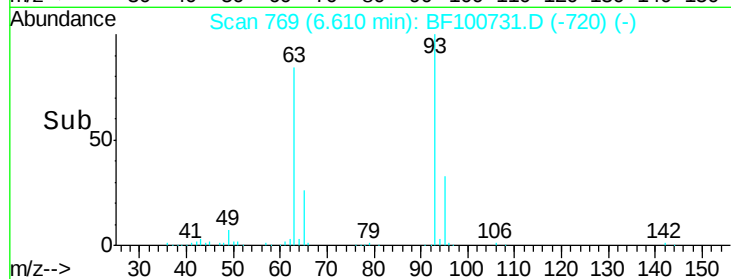
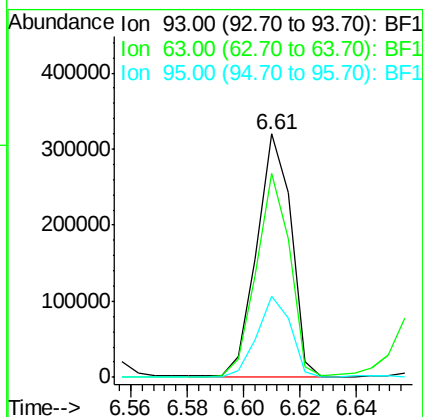
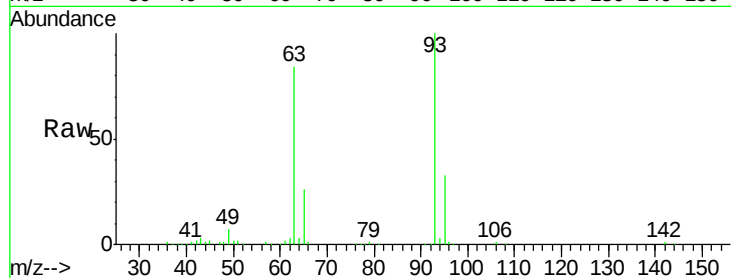




#11
bis(2-Chloroethyl)ether
Concen: 43.37 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

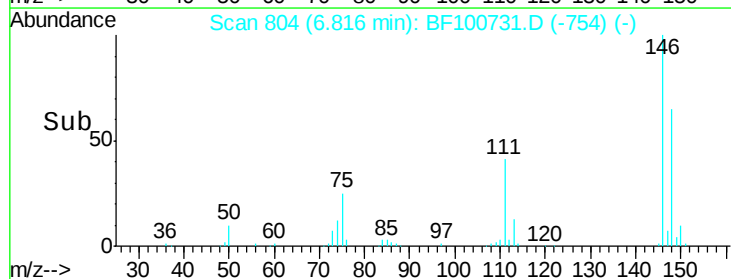
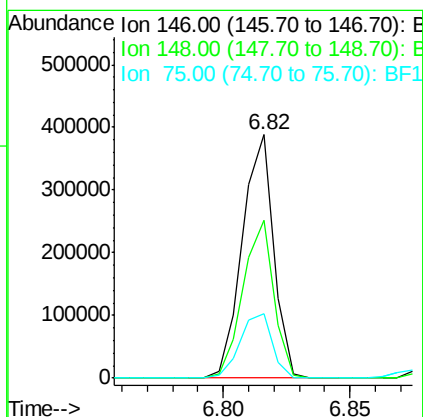
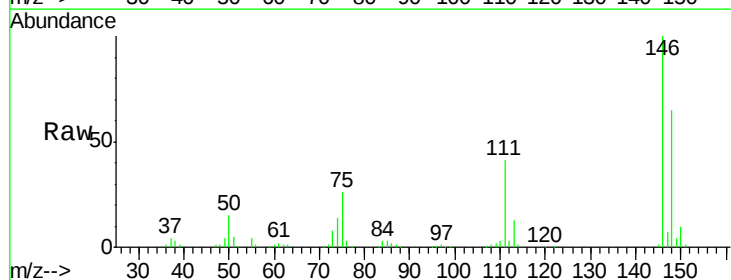
Instrument :
BNA_F
ClientSampleId :
PB104346BS

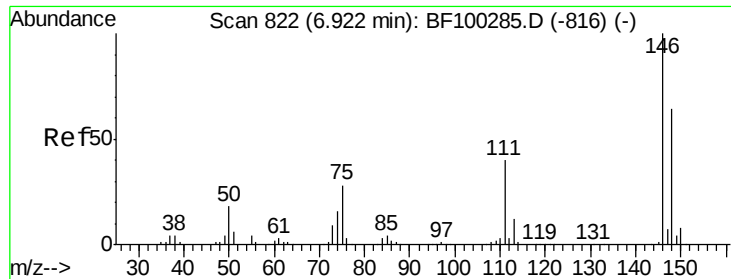
Tgt Ion: 93 Resp: 270591
Ion Ratio Lower Upper
93 100
63 84.0 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.73 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion: 146 Resp: 334003
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 26.2 24.2 36.4

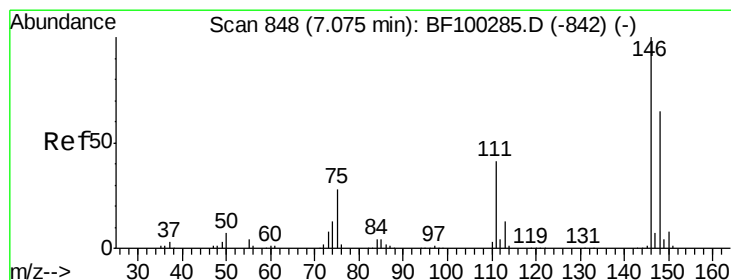
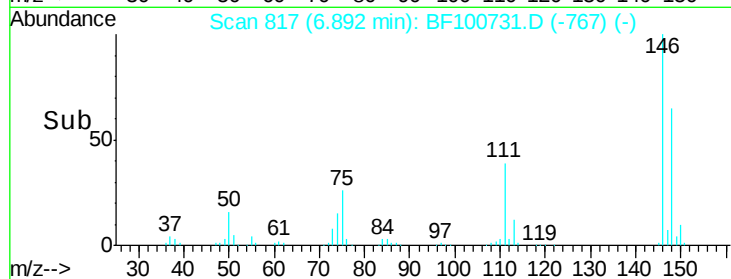
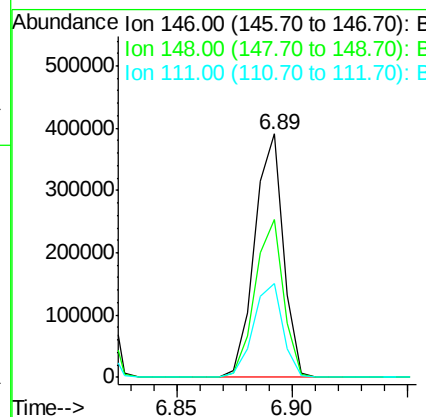
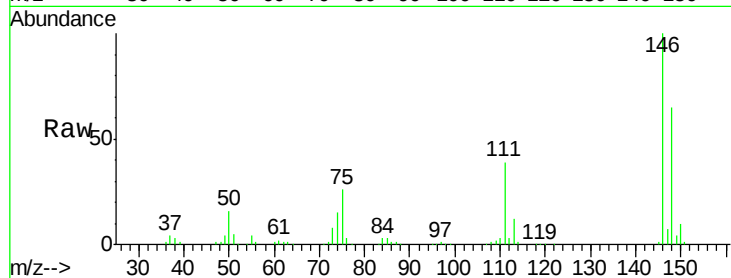




#13
 1,4-Dichlorobenzene
 Concen: 47.82 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

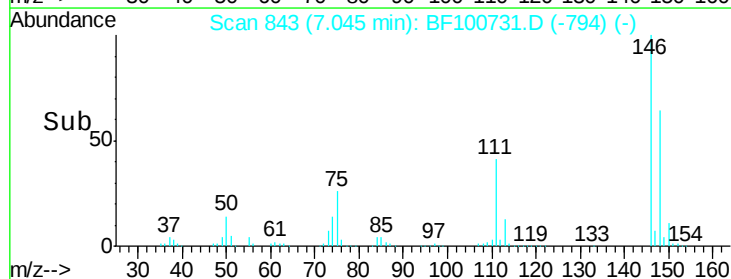
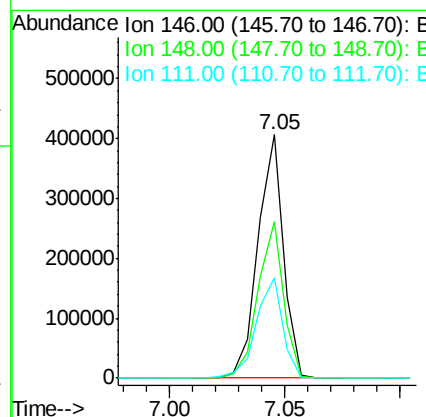
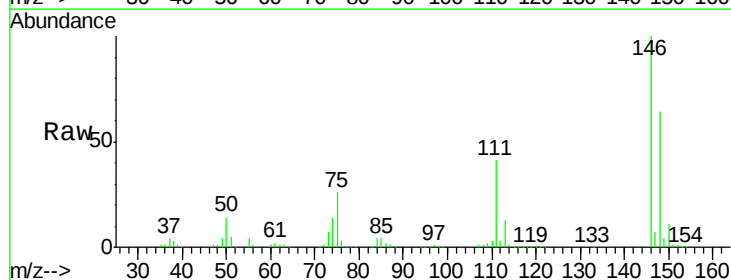
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

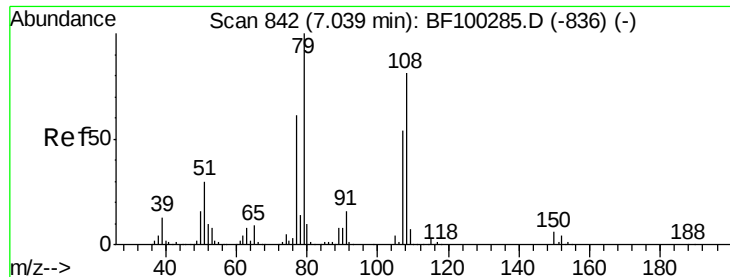
Tgt Ion:146 Resp: 338697
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 38.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 48.11 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:146 Resp: 315099
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 41.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 45.30 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

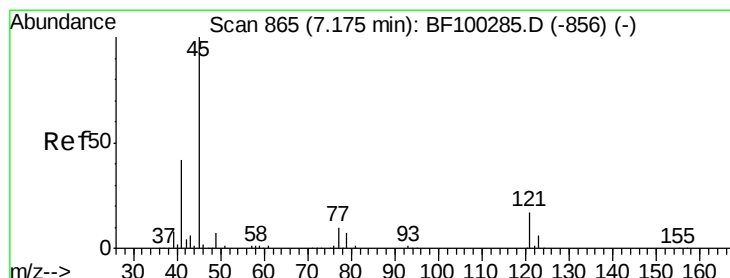
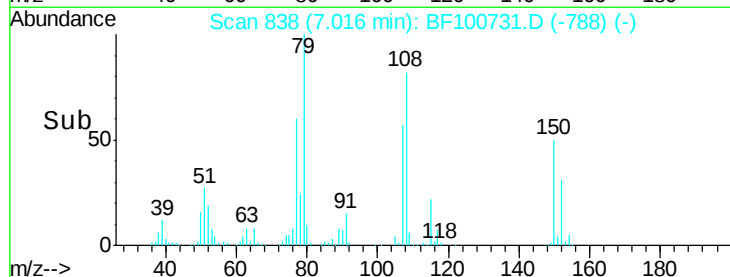
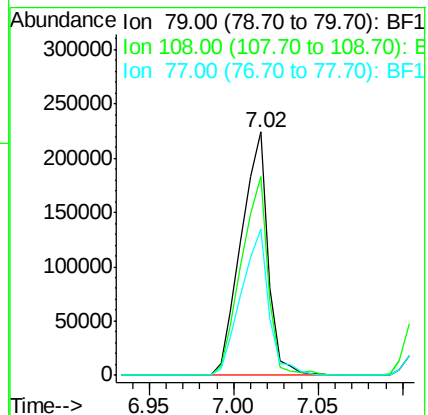
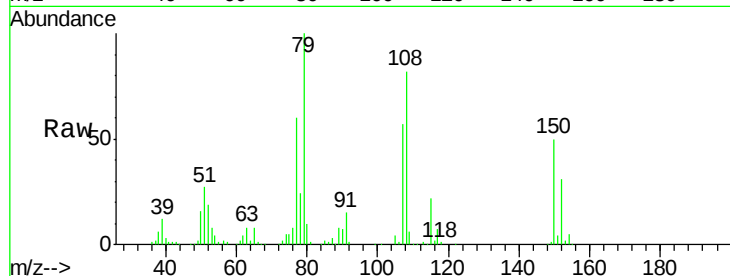
Tgt Ion: 79 Resp: 250136

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

77 59.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.74 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

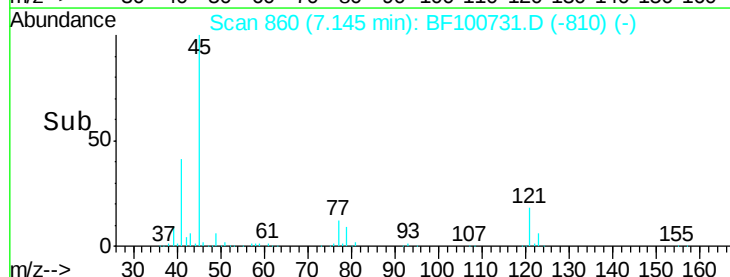
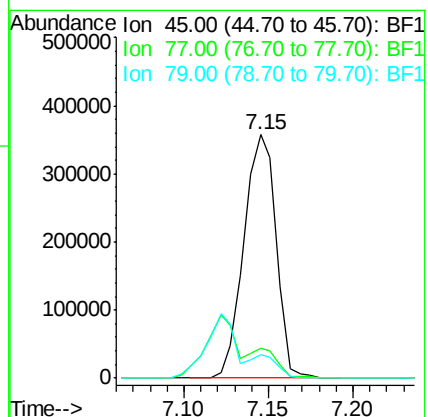
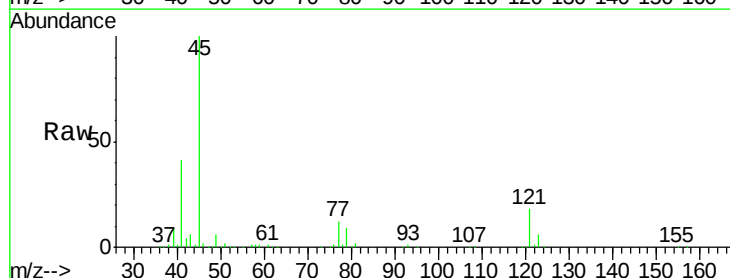
Tgt Ion: 45 Resp: 476381

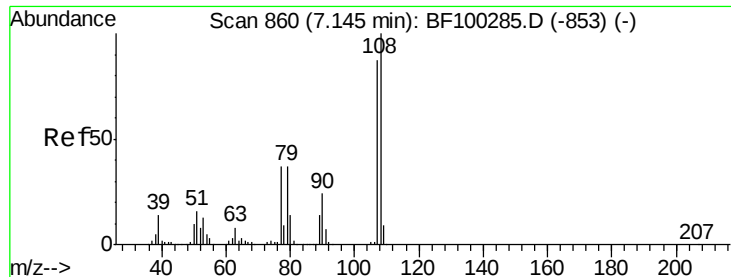
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.5 0.0 29.6





#17

2-Methylphenol

Concen: 48.98 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

Tgt Ion:107 Resp: 254058

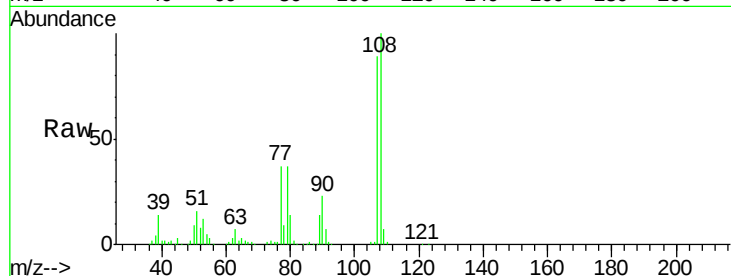
Ion Ratio Lower Upper

107 100

108 111.9 91.7 137.5

77 41.5 33.8 50.8

79 41.8 33.8 50.8

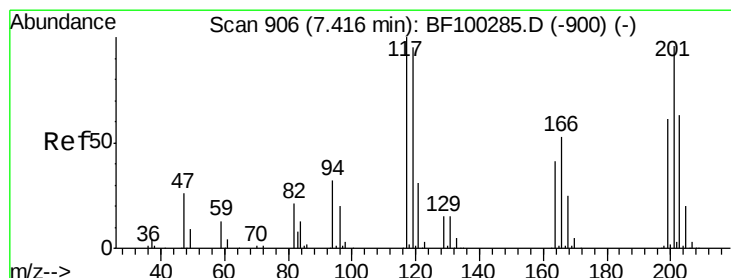
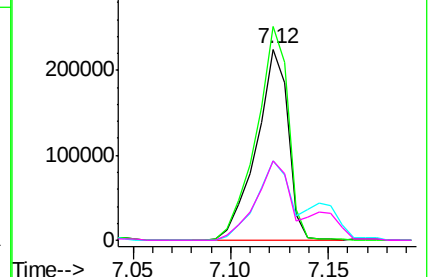
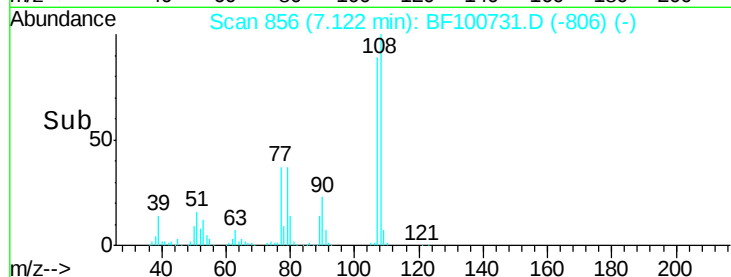


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 48.51 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

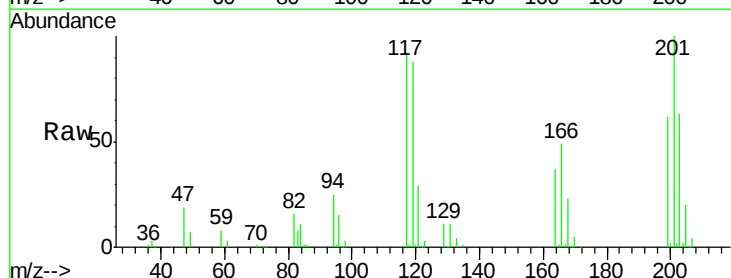
Tgt Ion:117 Resp: 113296

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

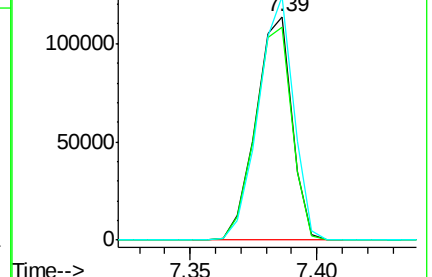
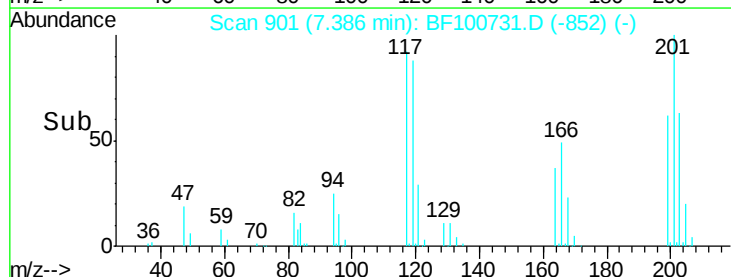
201 108.9 75.7 113.5

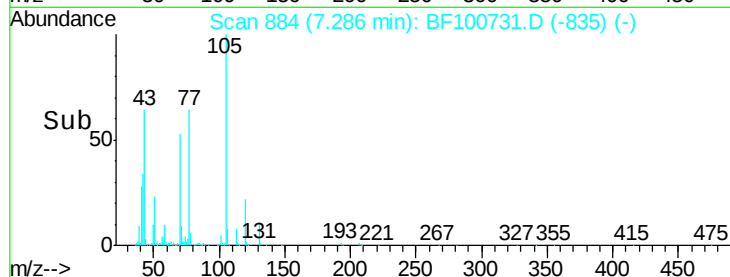
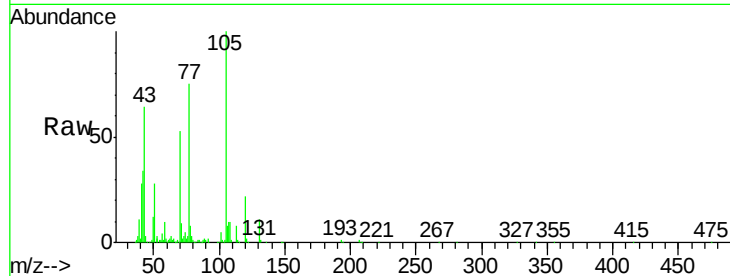
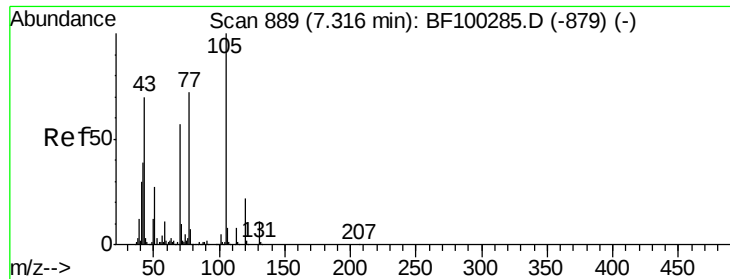


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

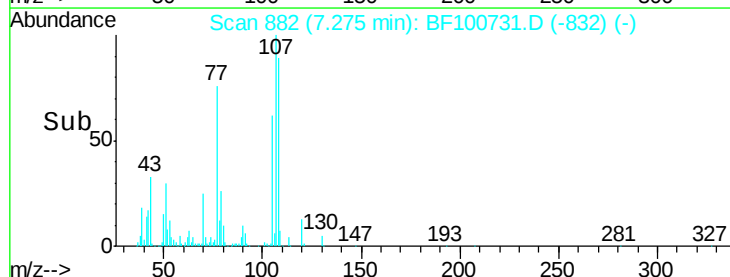
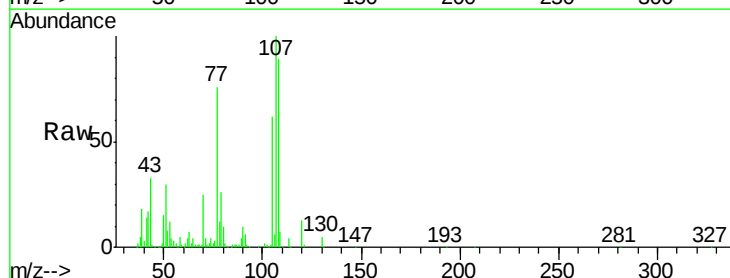
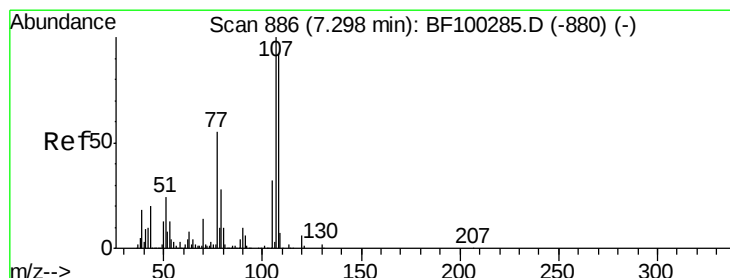
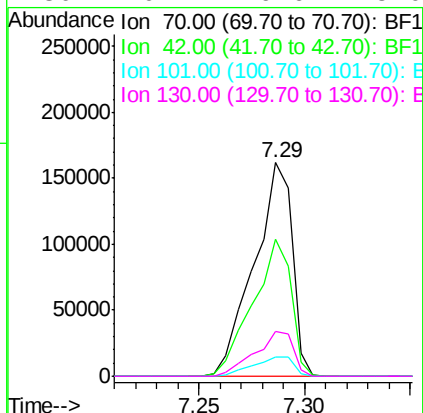




#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

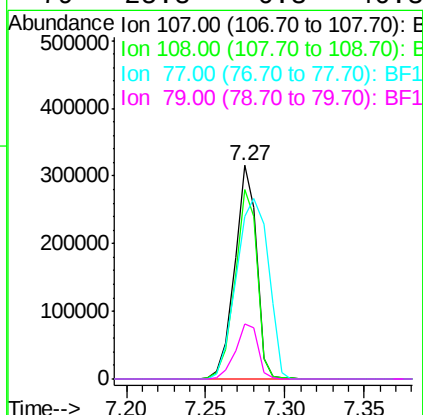
Instrument :
BNA_F
ClientSampleId :
PB104346BS

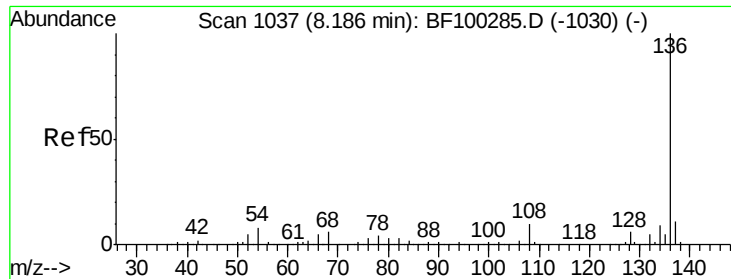
Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.5	71.3
101	9.2	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.05 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	76.3	26.7	66.7#
79	25.8	6.3	46.3

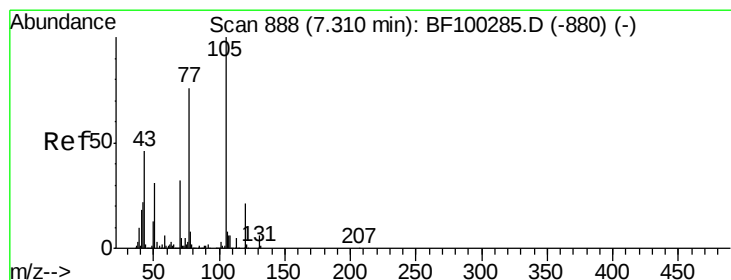
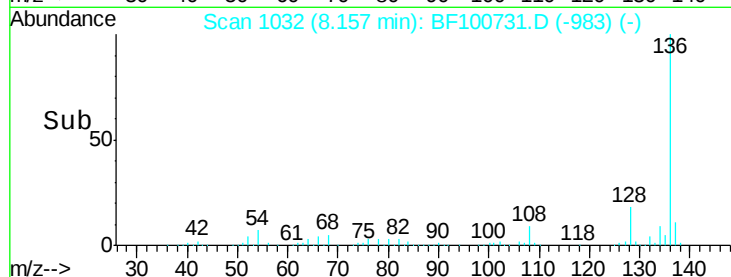
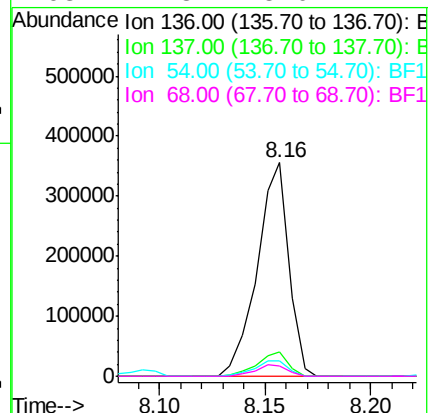
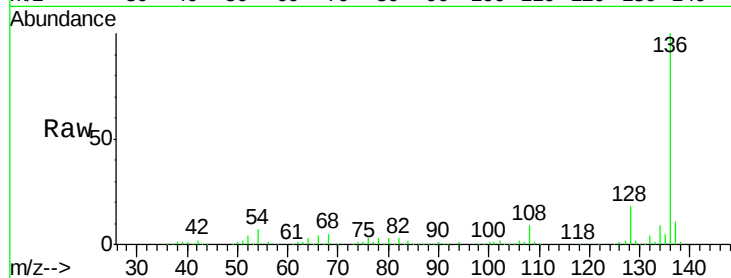




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

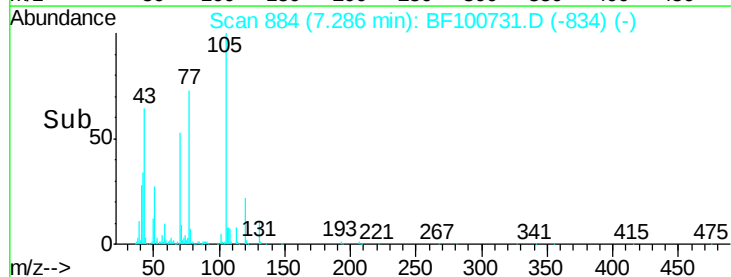
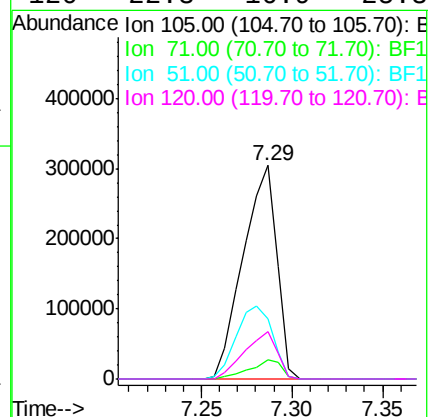
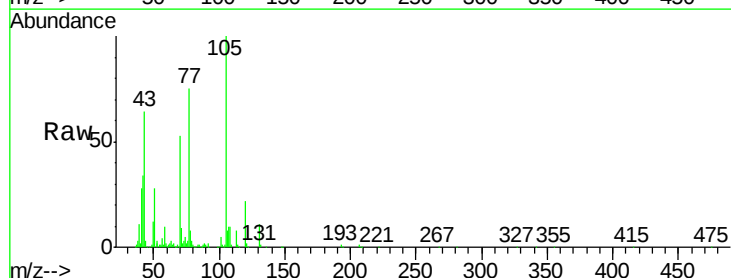
Instrument :
BNA_F
ClientSampleId :
PB104346BS

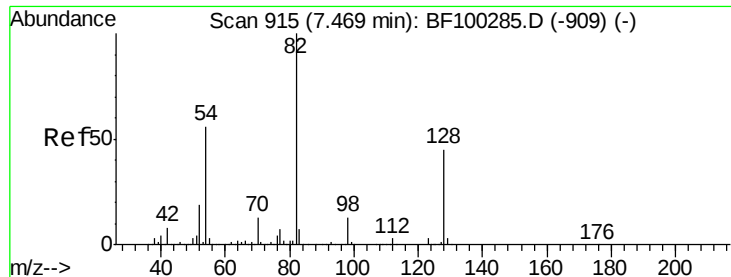
Tgt Ion:	136	Resp:	370271
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#



#22
Acetophenone
Concen: 43.61 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:	105	Resp:	393742
Ion Ratio	Lower	Upper	
105	100		
71	8.8	4.4	6.6#
51	28.3	22.3	33.5
120	22.3	16.9	25.3

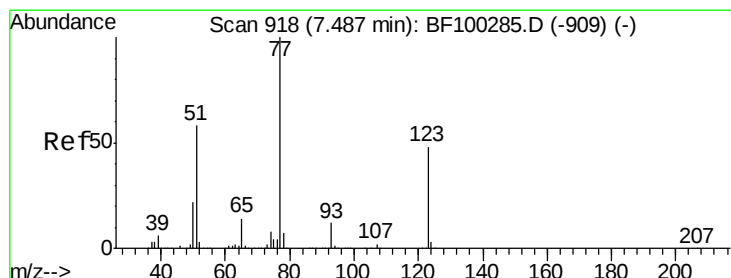
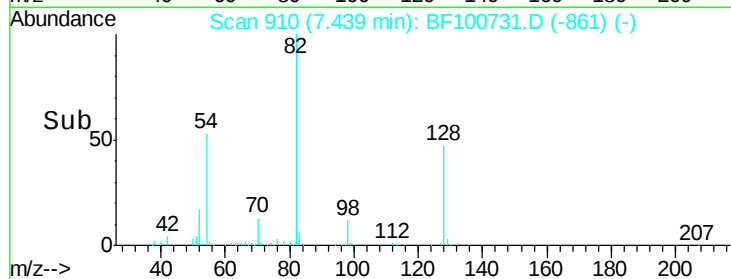
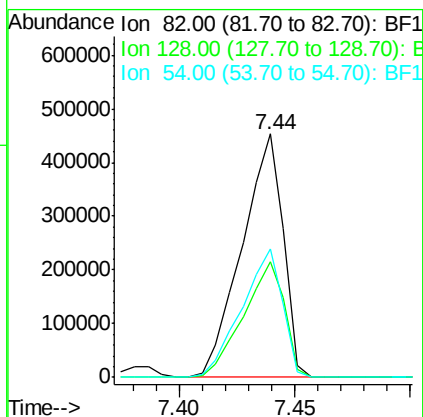
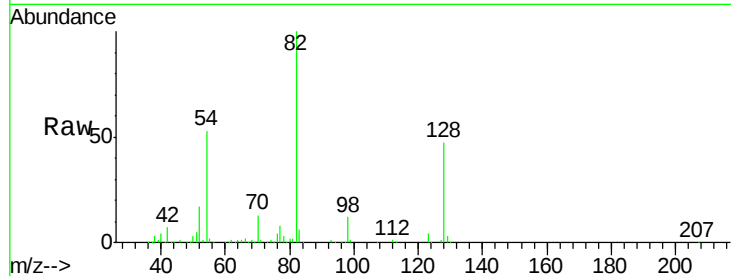




#23
 Nitrobenzene-d5
 Concen: 100.48 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

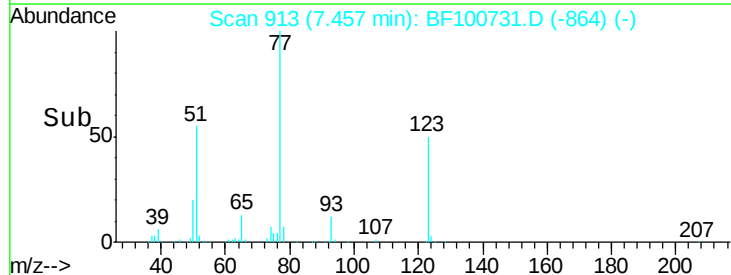
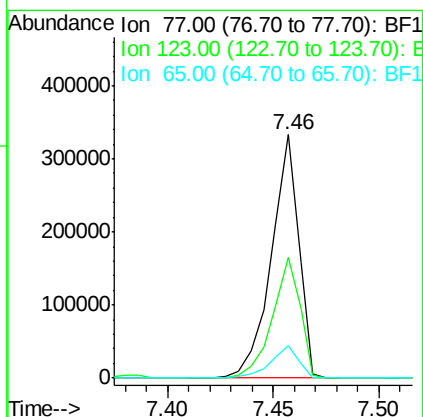
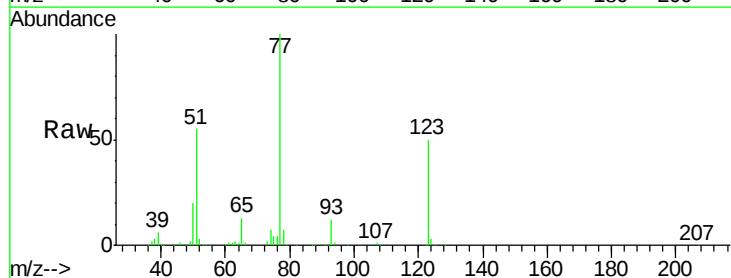
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

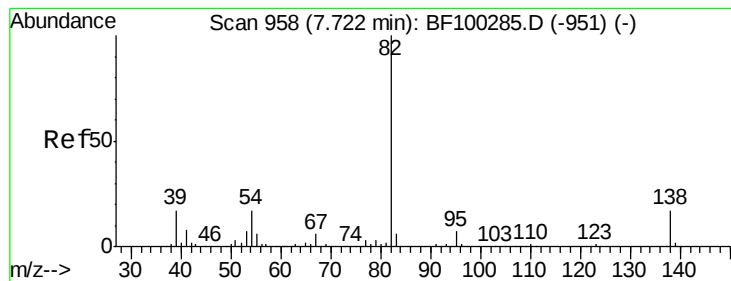
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	52.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 52.08 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 47.27 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

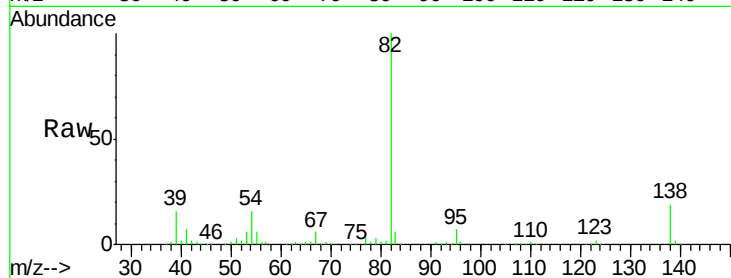
Tgt Ion: 82 Resp: 556330

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

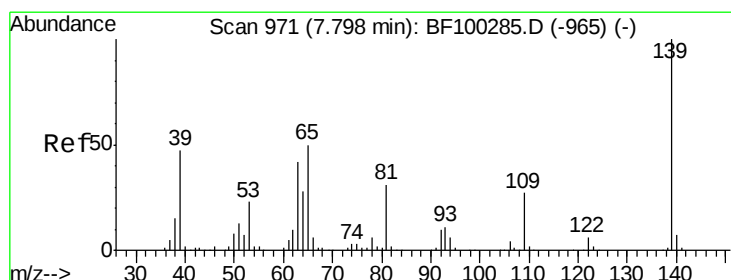
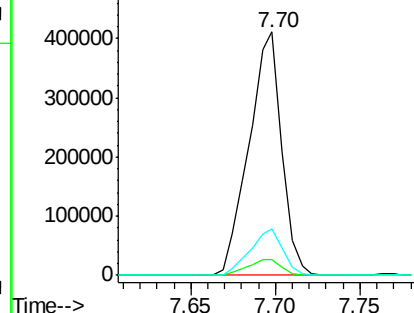
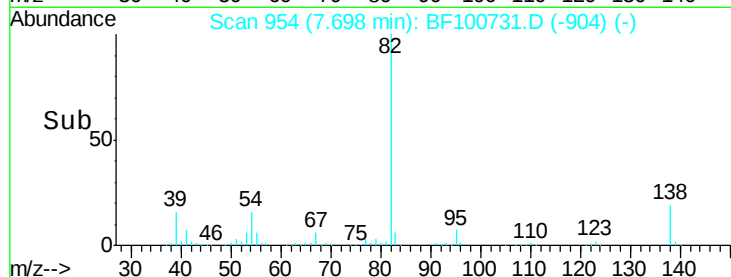
138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 60.88 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

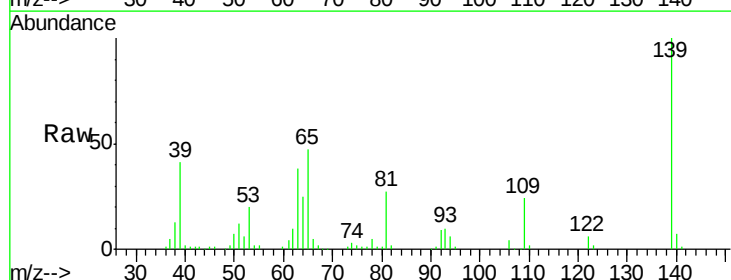
Tgt Ion: 139 Resp: 168919

Ion Ratio Lower Upper

139 100

109 24.0 22.7 34.1

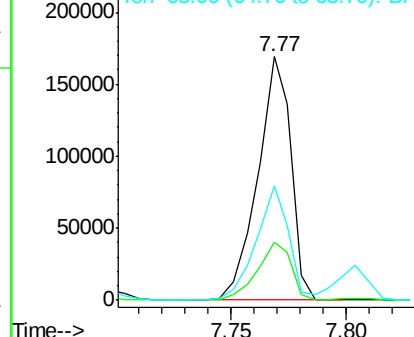
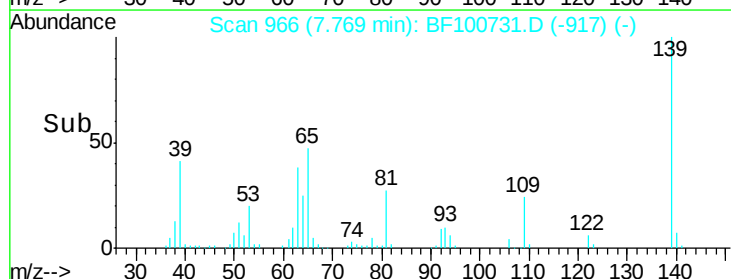
65 46.8 40.5 60.7

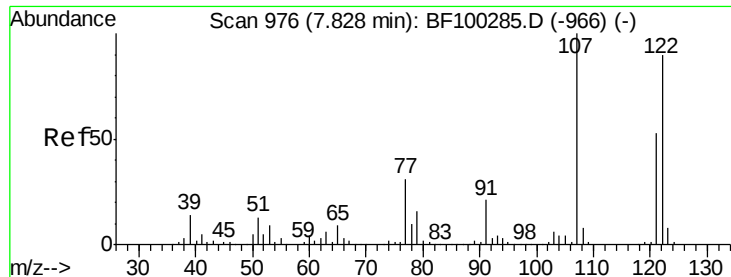


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

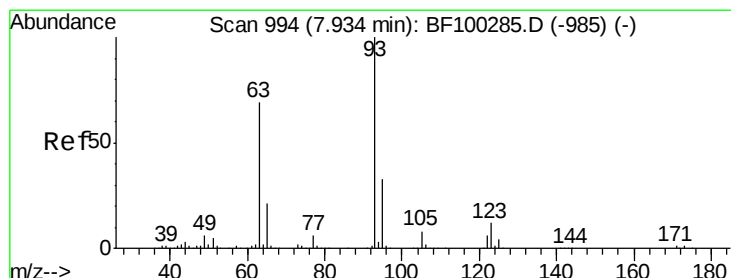
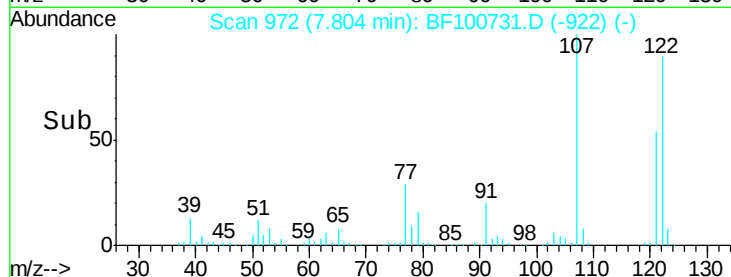
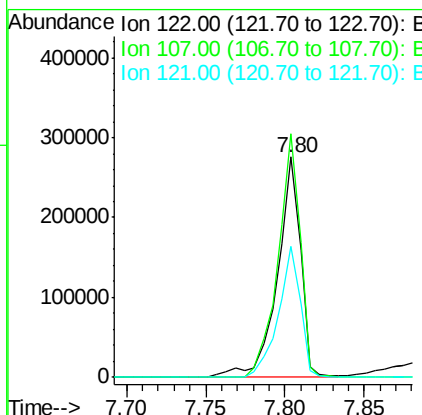
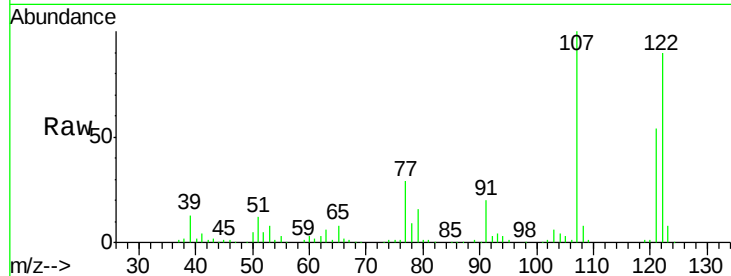




#27
 2,4-Dimethylphenol
 Concen: 52.94 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

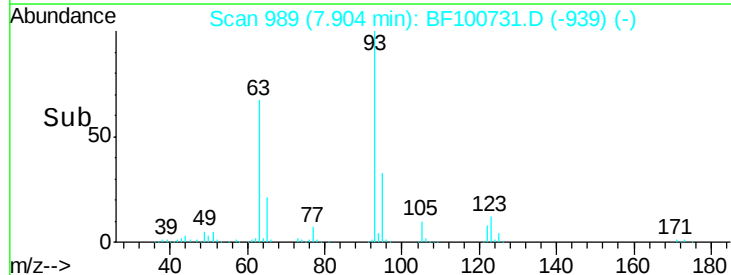
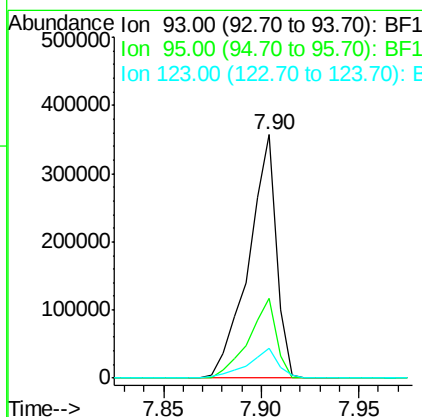
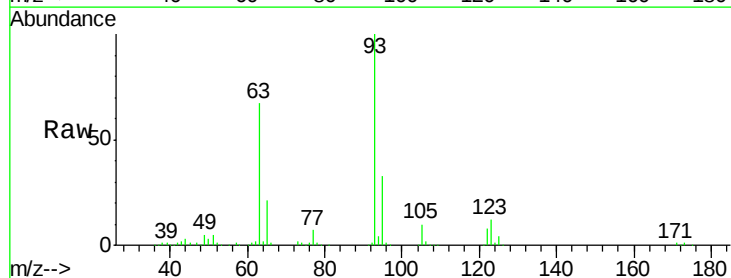
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

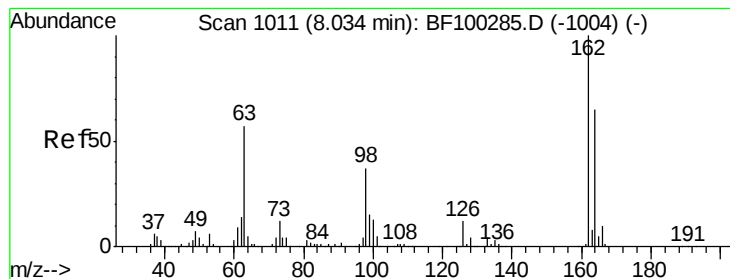
Tgt Ion: 122 Resp: 279318
 Ion Ratio Lower Upper
 122 100
 107 110.5 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.74 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion: 93 Resp: 352139
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 12.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 51.93 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

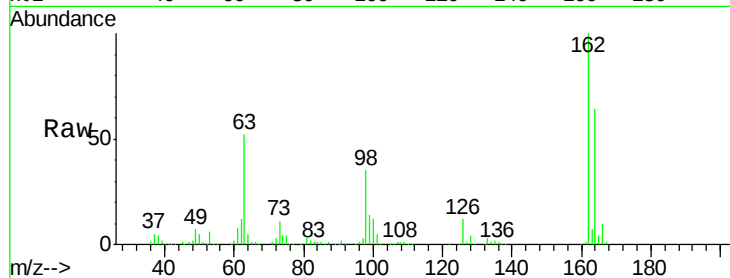
Tgt Ion:162 Resp: 261541

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

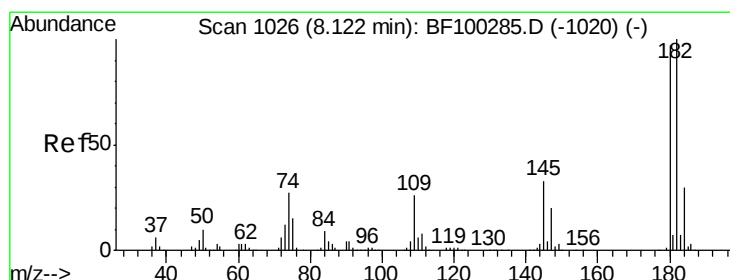
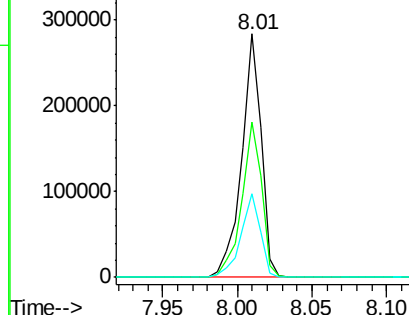
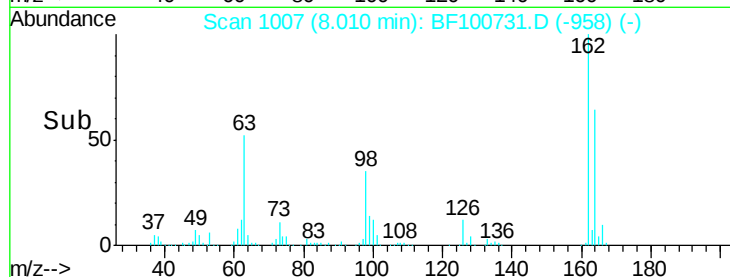
98 34.6 18.1 58.1



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: 51.30 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

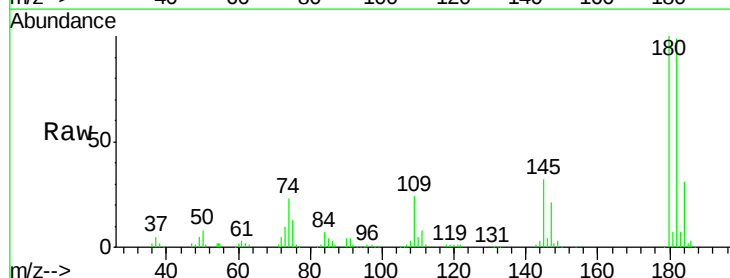
Tgt Ion:180 Resp: 279465

Ion Ratio Lower Upper

180 100

182 98.9 76.8 115.2

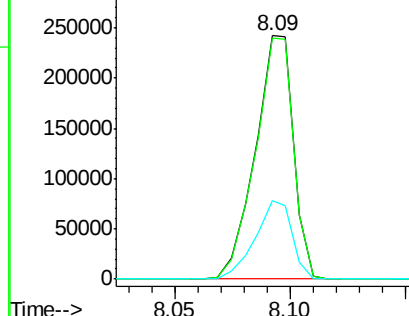
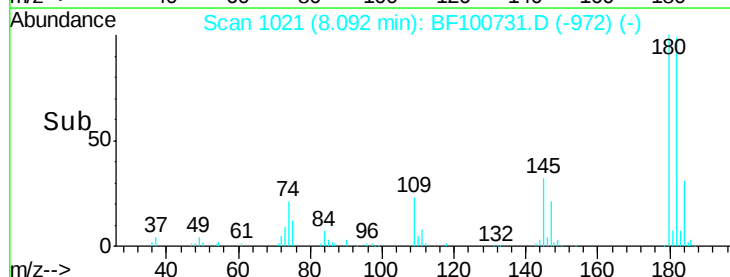
145 32.1 26.5 39.7

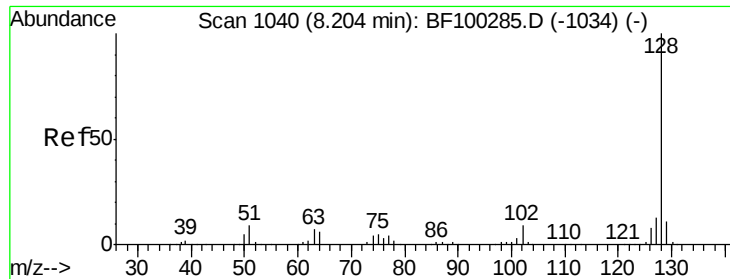


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

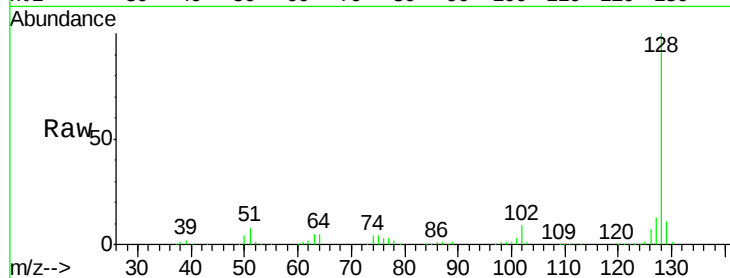




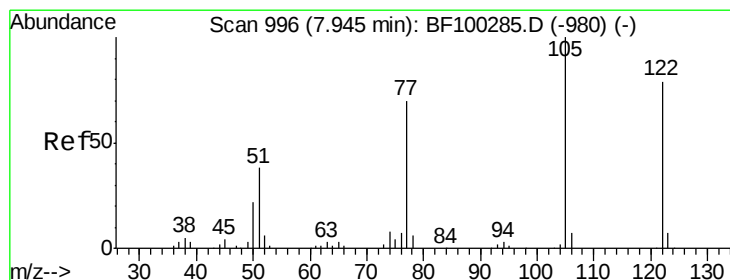
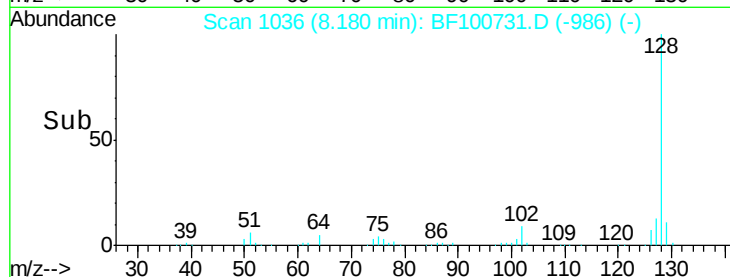
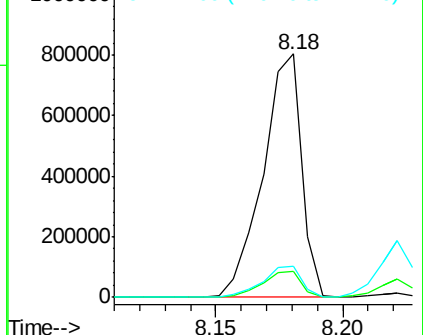
#31
Naphthalene
Concen: 48.31 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tgt Ion:128 Resp: 861526
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.9 16.3

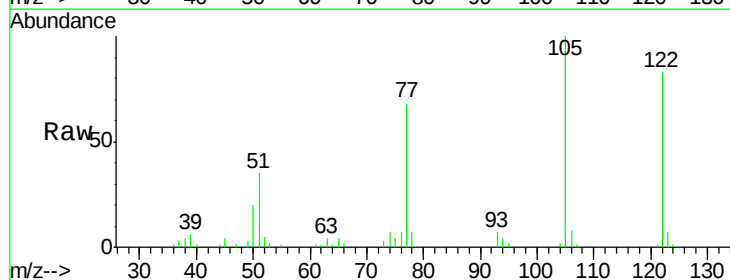


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

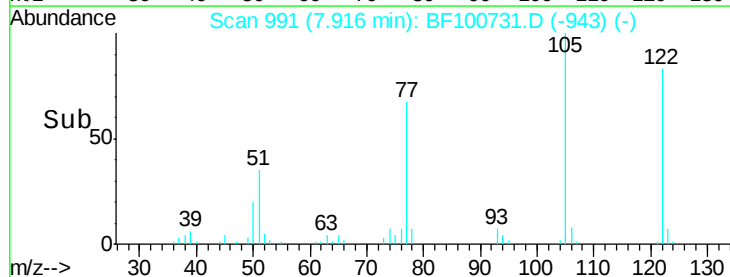
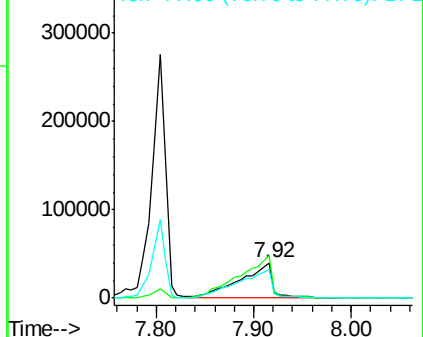


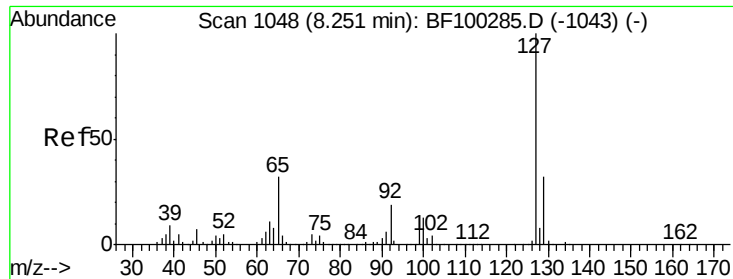
#32
Benzoic acid
Concen: 27.92 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:122 Resp: 93118
Ion Ratio Lower Upper
122 100
105 120.8 101.1 141.1
77 82.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

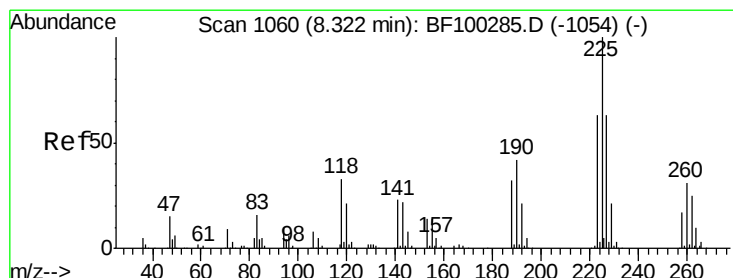
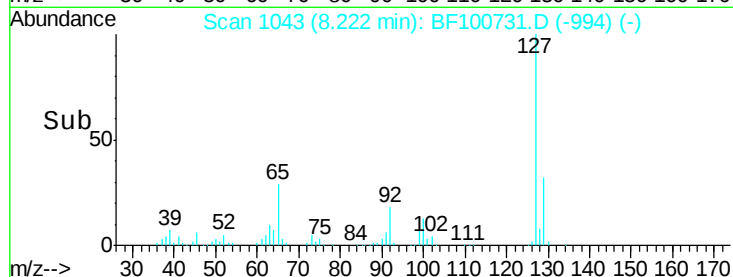
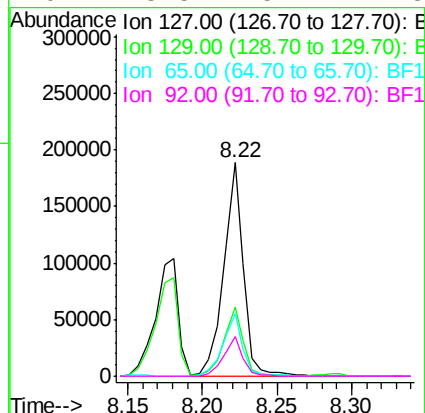
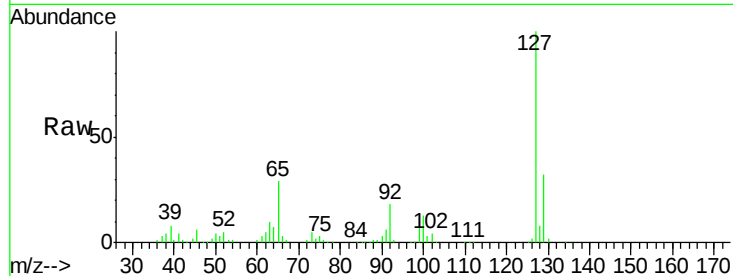




#33
4-Chloroaniline
Concen: 23.79 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

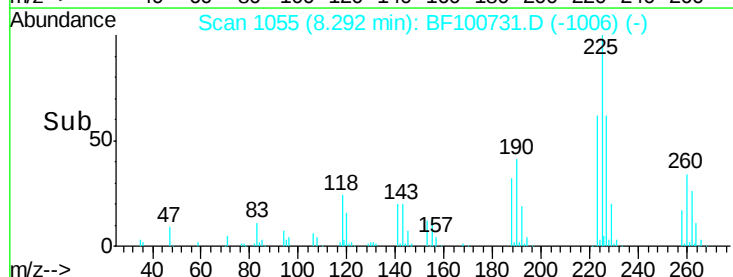
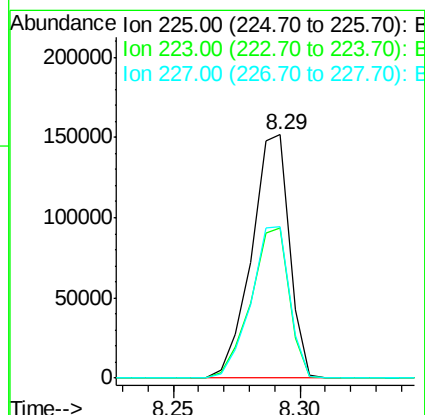
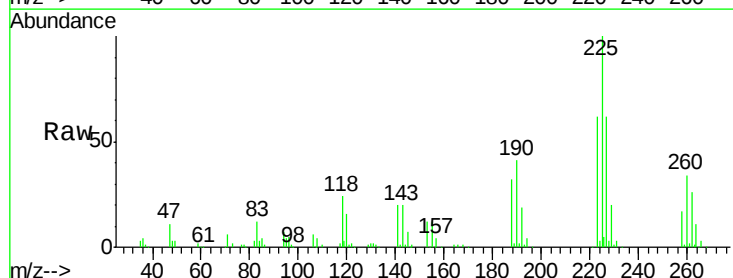
Instrument :
BNA_F
ClientSampleId :
PB104346BS

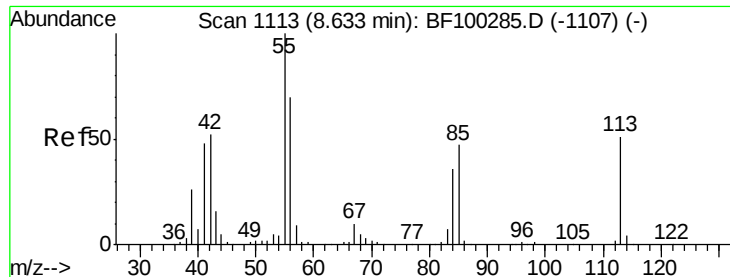
Tgt Ion:	127	Resp:	176588
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.1	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.82 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:	225	Resp:	158133
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.4	51.9	77.9

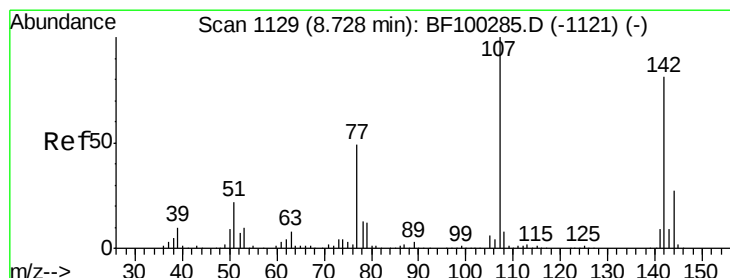
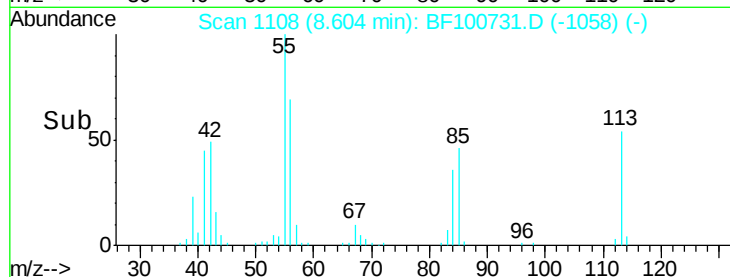
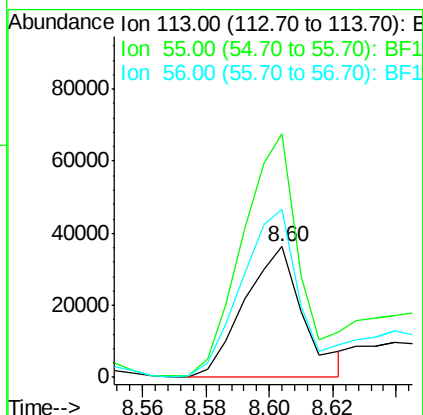
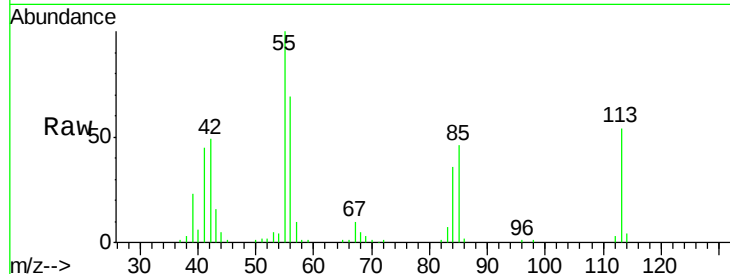




#35
 Caprolactam
 Concen: 26.98 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

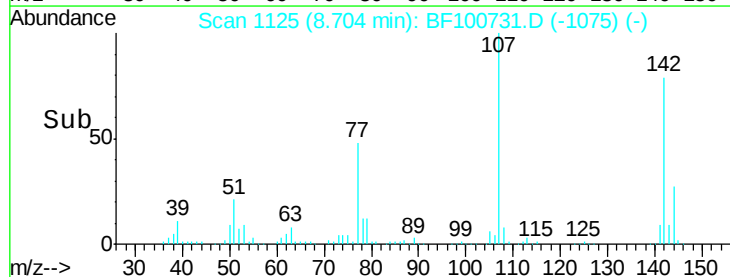
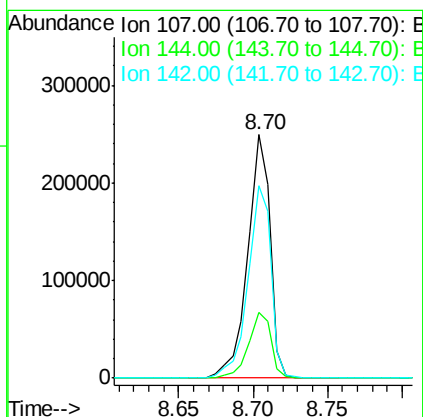
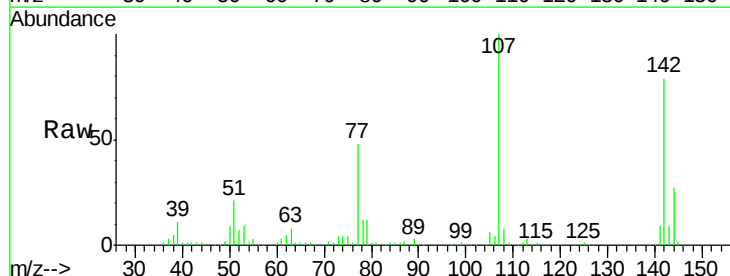
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

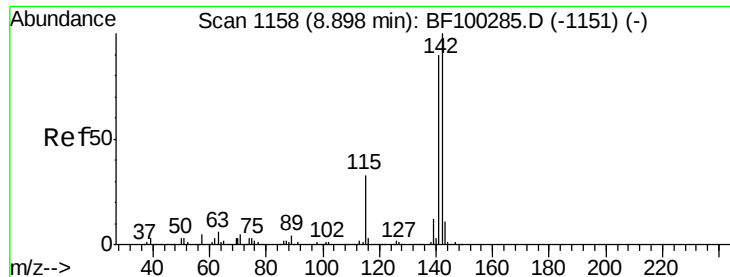
Tgt Ion:113 Resp: 46635
 Ion Ratio Lower Upper
 113 100
 55 186.4 163.3 203.3
 56 128.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.70 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:107 Resp: 258016
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 79.0 62.0 93.0

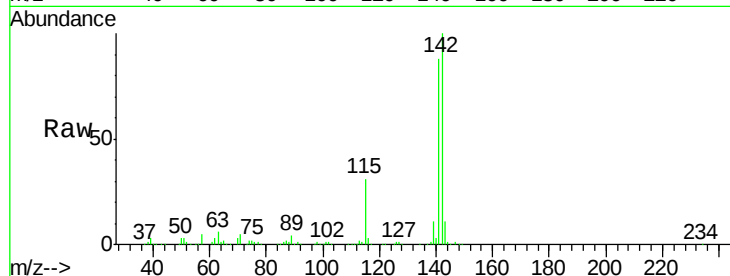




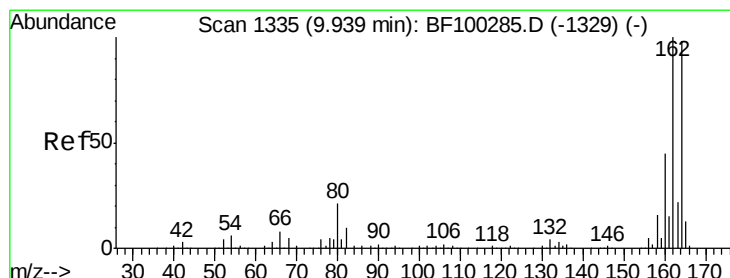
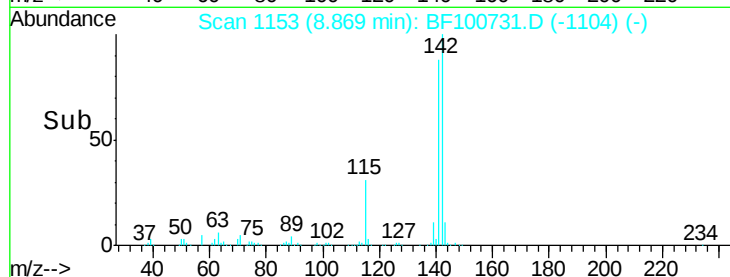
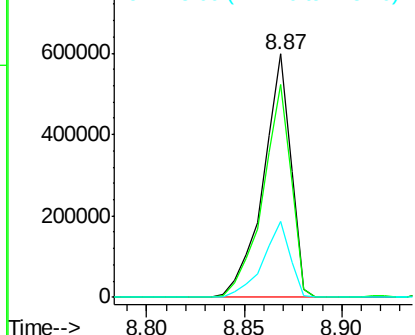
#37
 2-Methylnaphthalene
 Concen: 49.59 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tgt Ion:142 Resp: 587148
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.8 106.2
 115 31.0 26.1 39.1

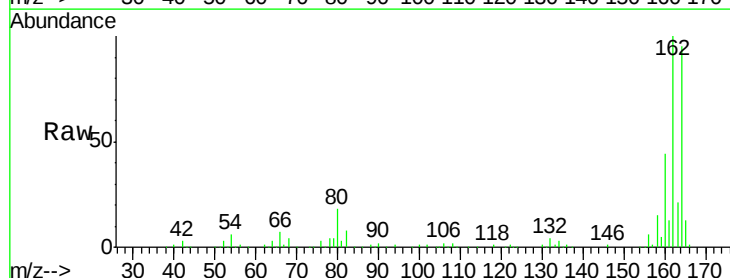


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

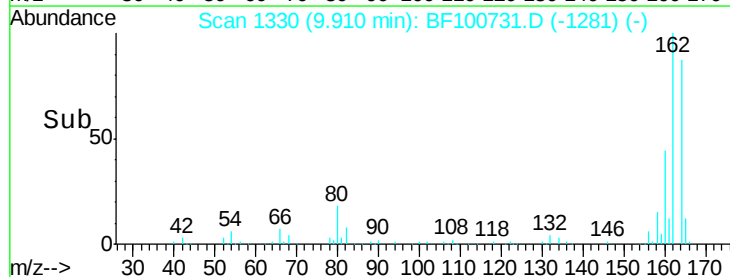
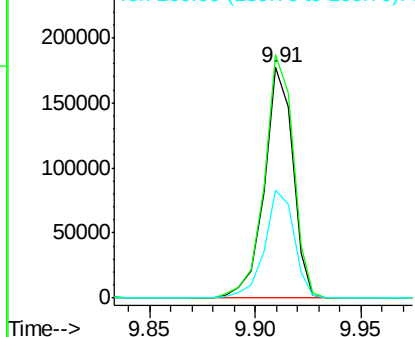


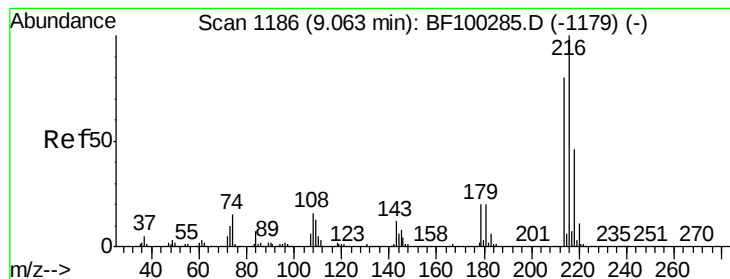
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:164 Resp: 167185
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 46.6 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: 49.16 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

Tgt Ion:216 Resp: 272563

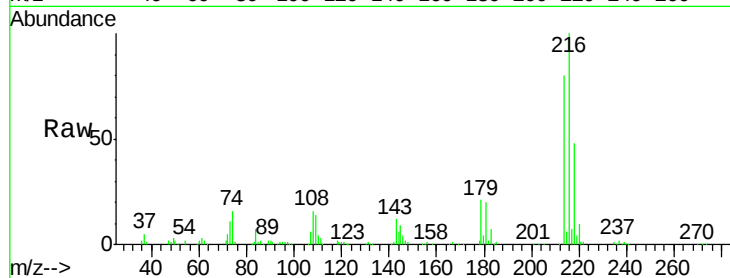
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.9 18.1 27.1

108 17.6 17.2 25.8

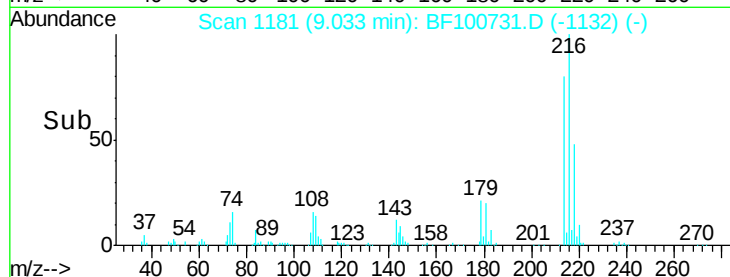


Abundance Ion 216.00 (215.70 to 216.70): E

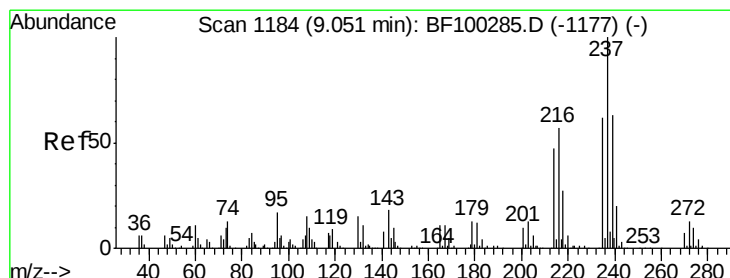
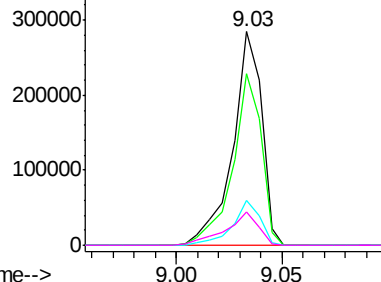
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 100.08 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

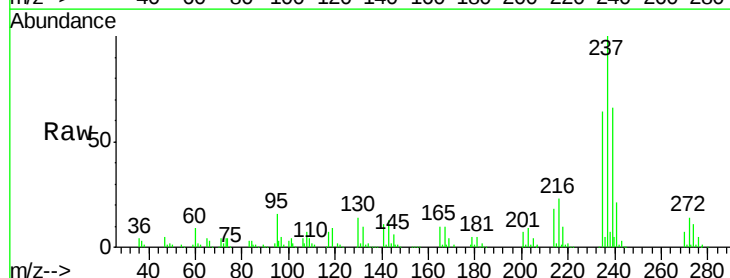
Tgt Ion:237 Resp: 261175

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

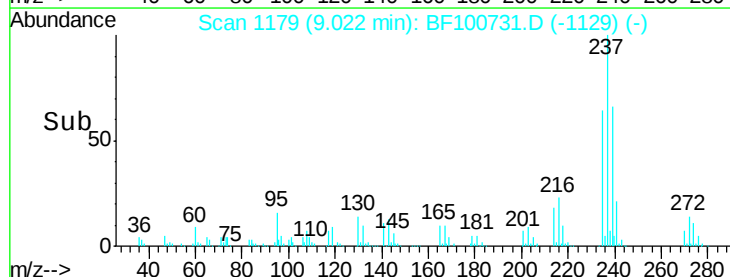
272 13.6 0.0 33.3



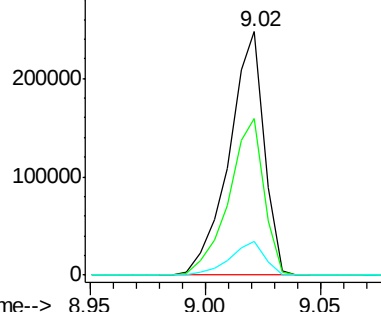
Abundance Ion 236.80 (236.50 to 237.50): E

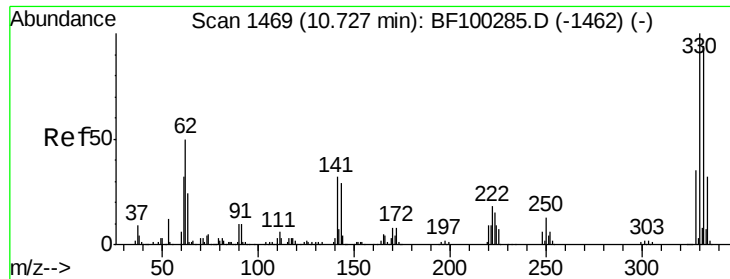
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

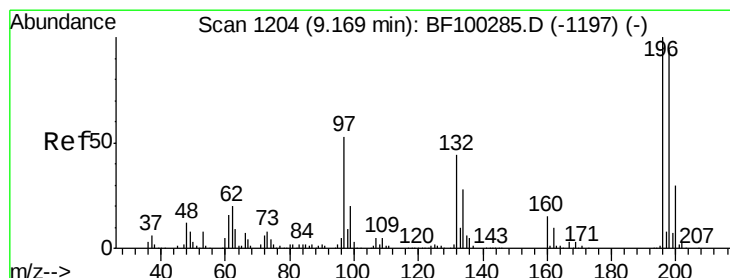
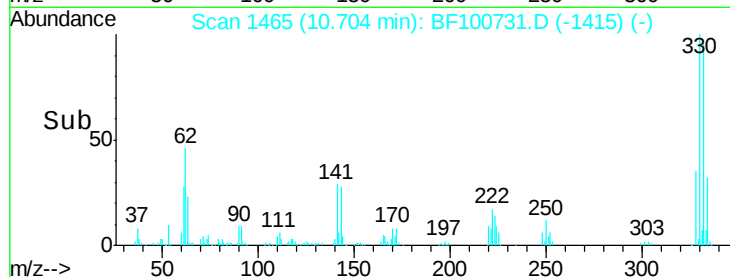
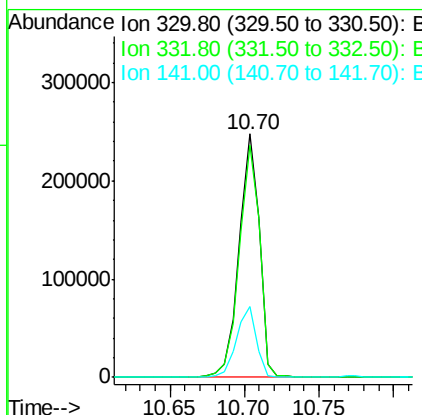
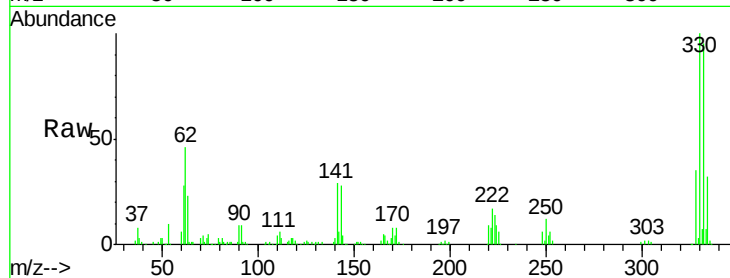




#41
 2,4,6-Tribromophenol
 Concen: 138.11 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

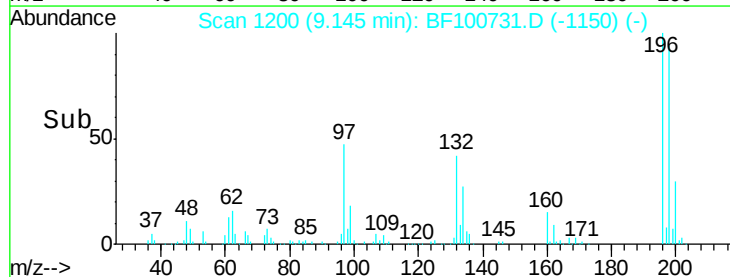
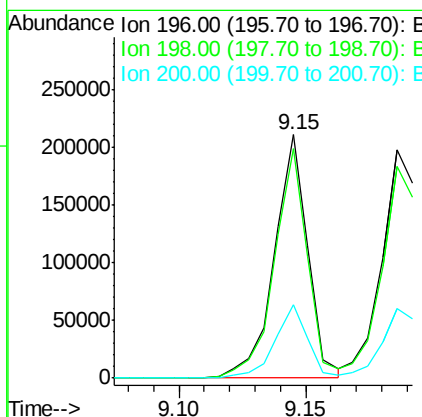
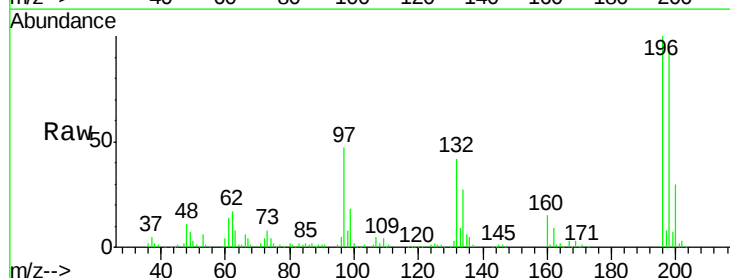
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

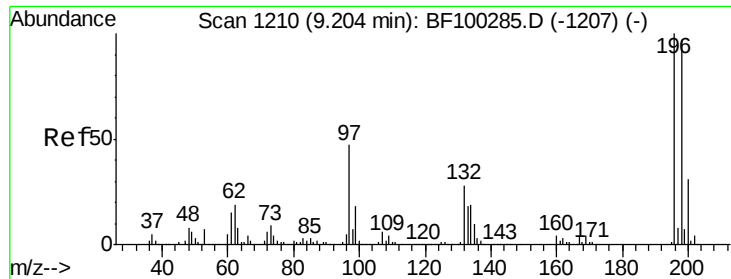
Tgt Ion:330 Resp: 235286
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 55.33 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:196 Resp: 194427
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.9 24.5 36.7

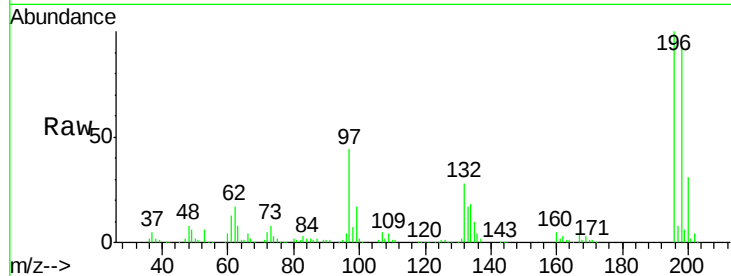




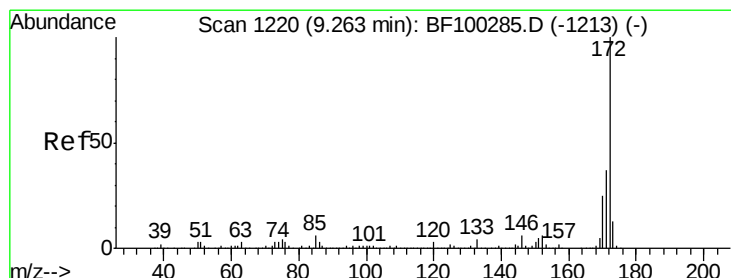
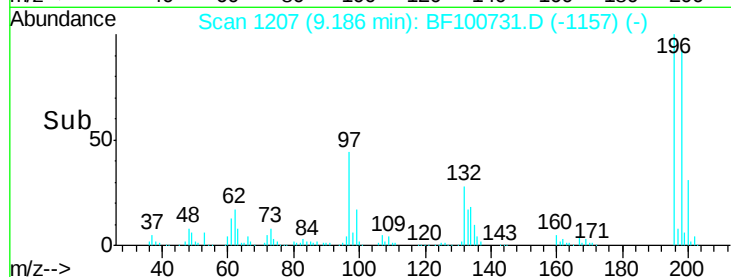
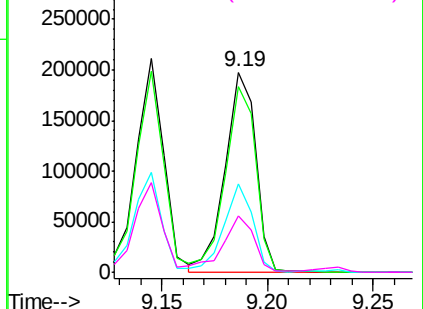
#43
 2,4,5-Trichlorophenol
 Concen: 54.41 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tgt Ion:	196	Resp:	198102
Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.6	112.0
97	44.2	42.9	64.3
132	28.1	26.3	39.5

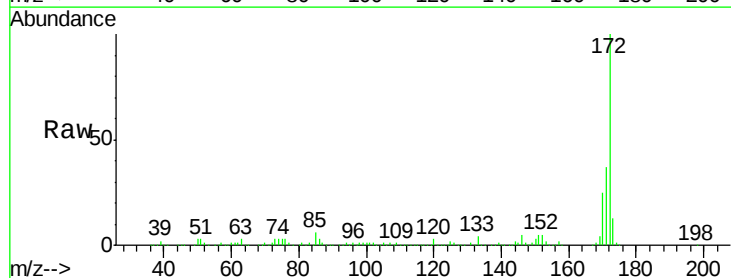


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

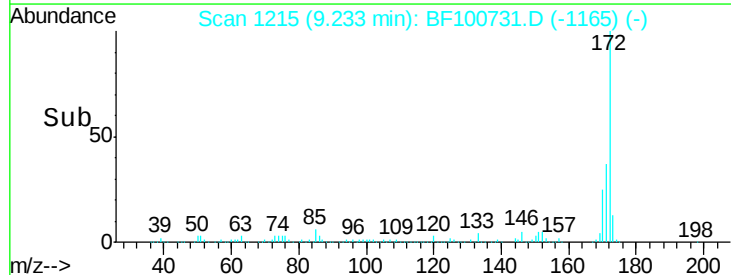
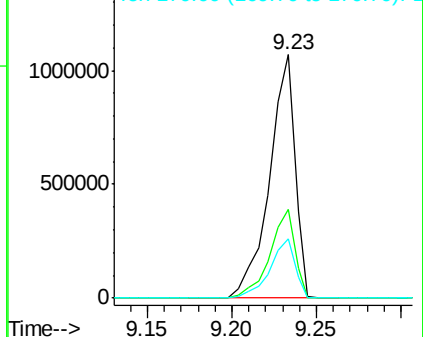


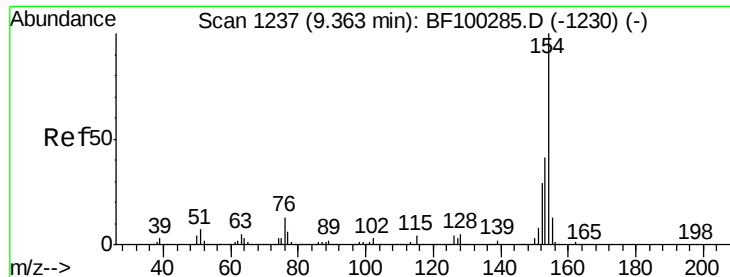
#44
 2-Fluorobiphenyl
 Concen: 102.28 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:	172	Resp:	1122966
Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 47.77 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

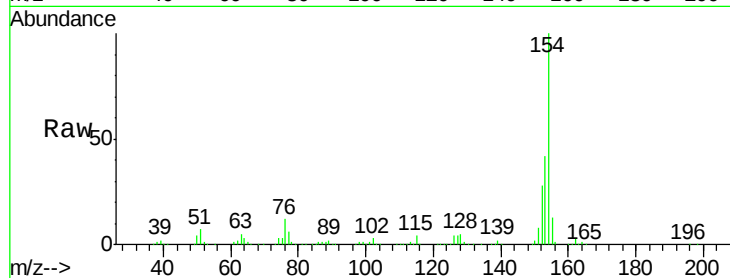
Tgt Ion:154 Resp: 690816

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

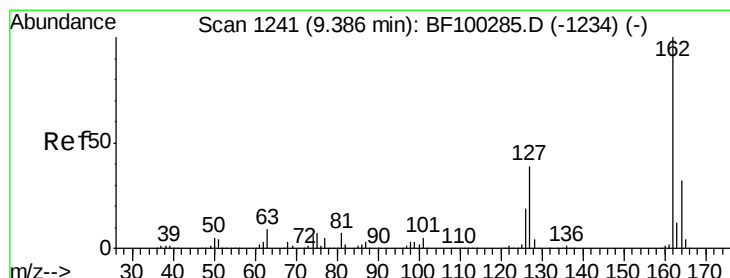
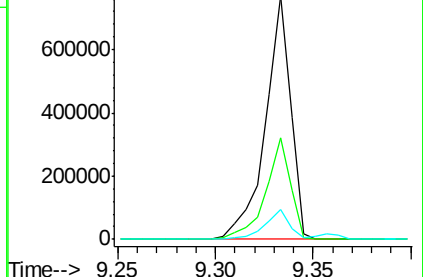
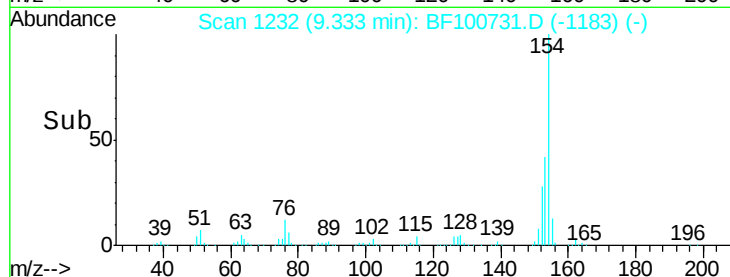
76 12.3 0.0 34.0



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: 52.06 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

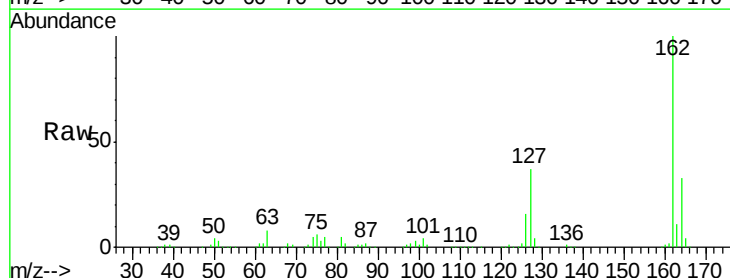
Tgt Ion:162 Resp: 546148

Ion Ratio Lower Upper

162 100

127 37.1 33.9 50.9

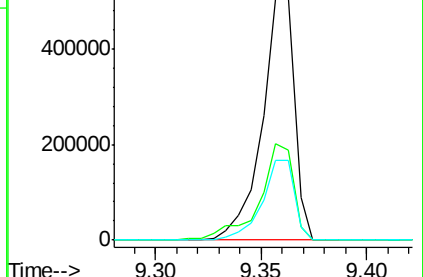
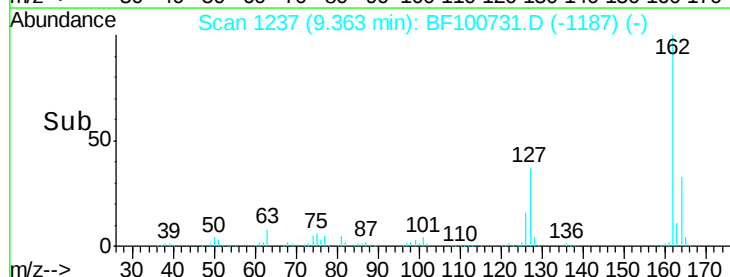
164 32.9 26.5 39.7

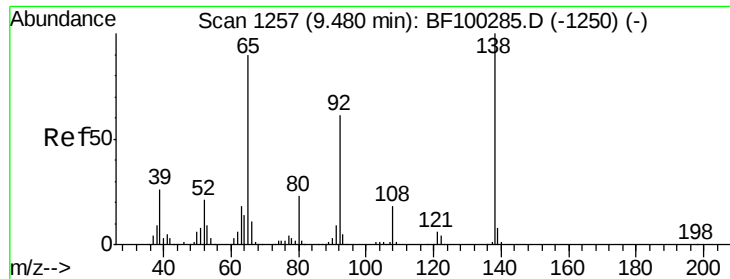


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.79 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

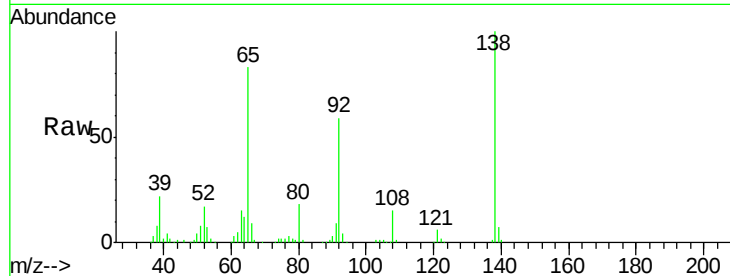
Tgt Ion: 65 Resp: 157949

Ion Ratio Lower Upper

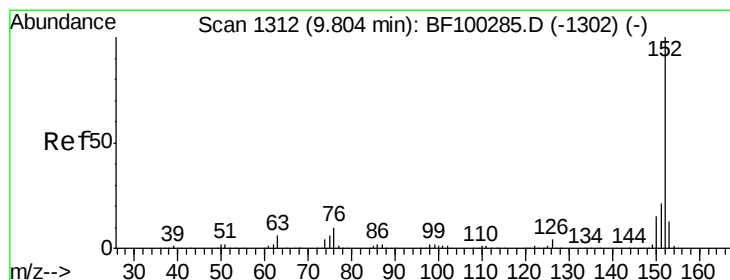
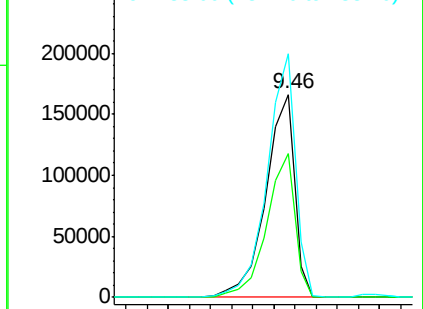
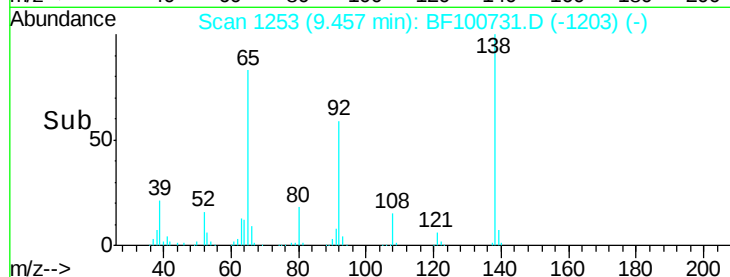
65 100

92 71.1 55.8 83.6

138 120.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 47.64 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

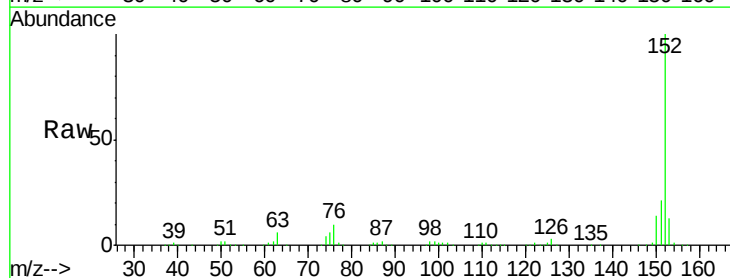
Tgt Ion: 152 Resp: 828183

Ion Ratio Lower Upper

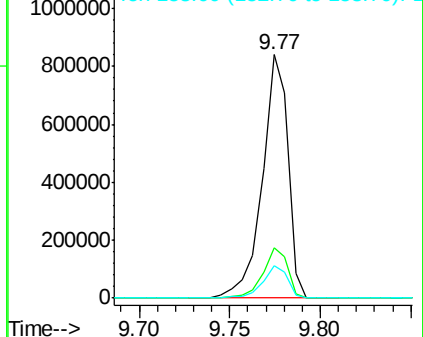
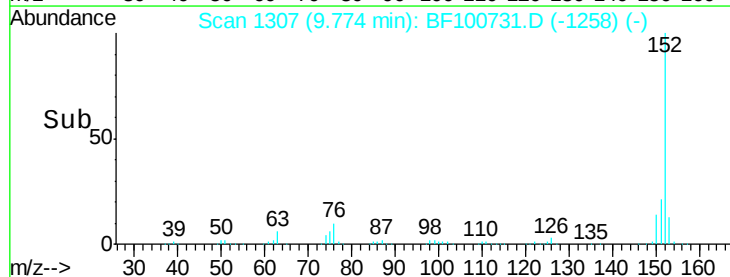
152 100

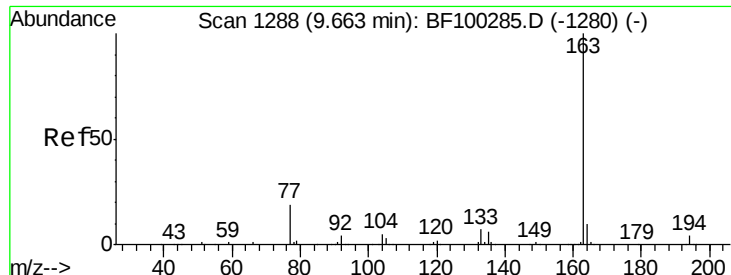
151 20.6 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

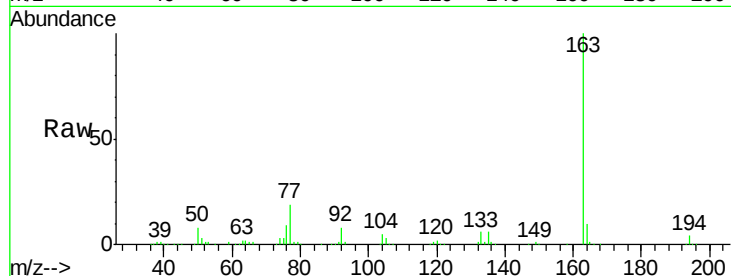




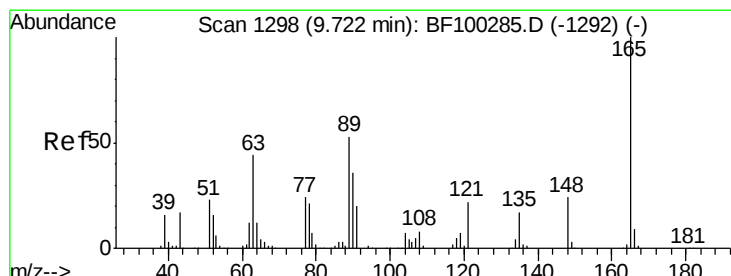
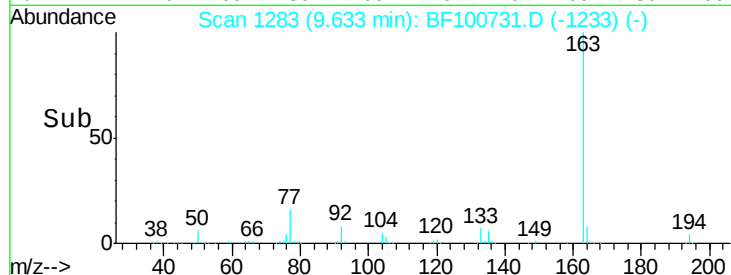
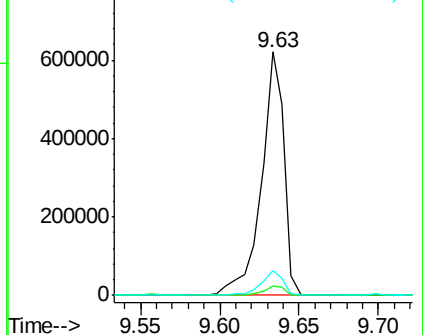
#49
Dimethylphthalate
Concen: 48.34 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tgt Ion:163 Resp: 617073
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

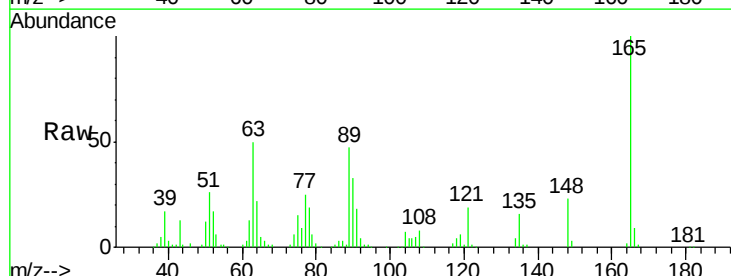


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

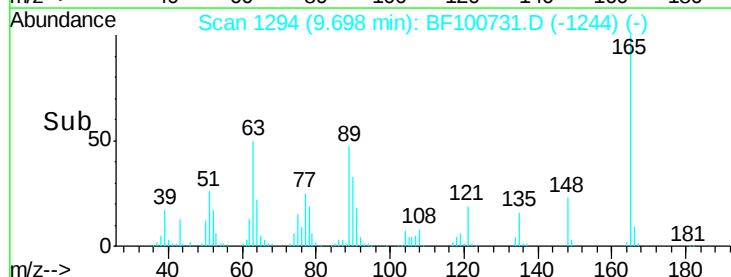
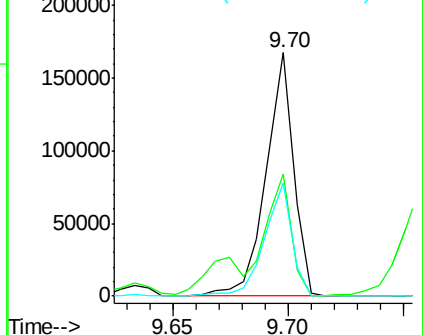


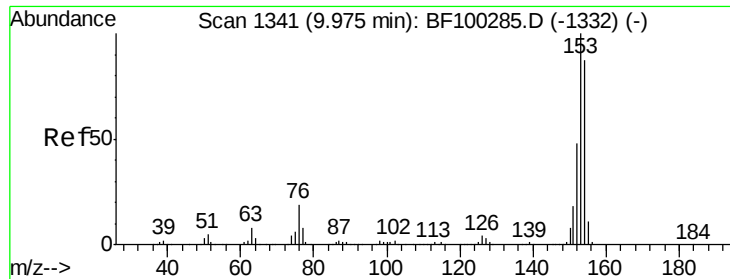
#50
2,6-Dinitrotoluene
Concen: 55.28 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:165 Resp: 139686
Ion Ratio Lower Upper
165 100
63 50.3 44.7 67.1
89 46.5 44.0 66.0



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





#51

Acenaphthene

Concen: 48.80 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

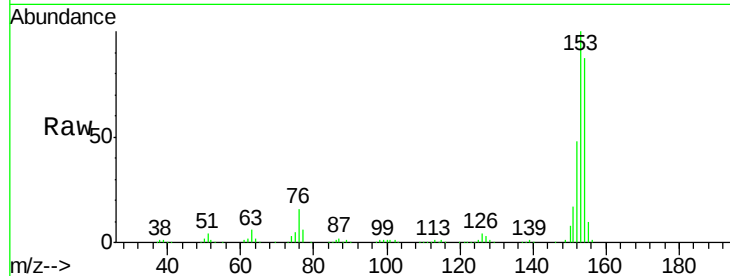
Tgt Ion:154 Resp: 515957

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

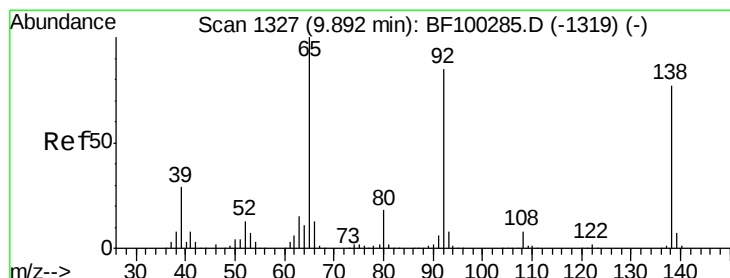
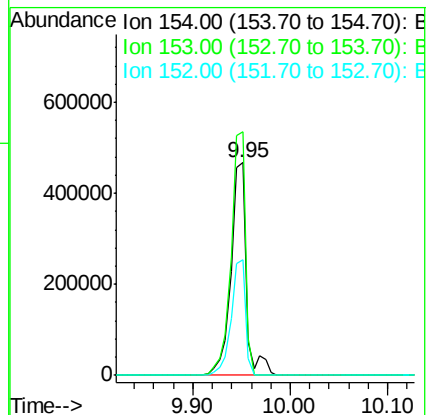
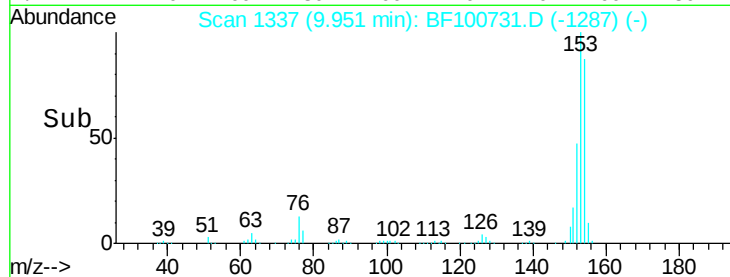
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.26 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

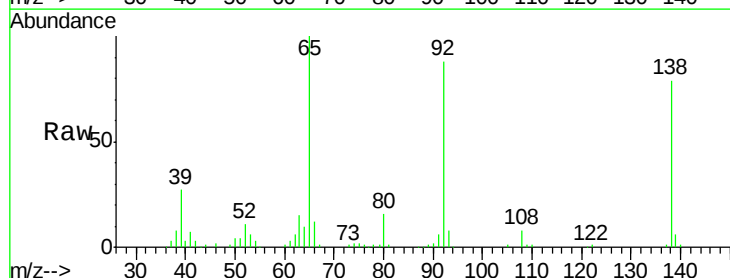
Tgt Ion:138 Resp: 99232

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

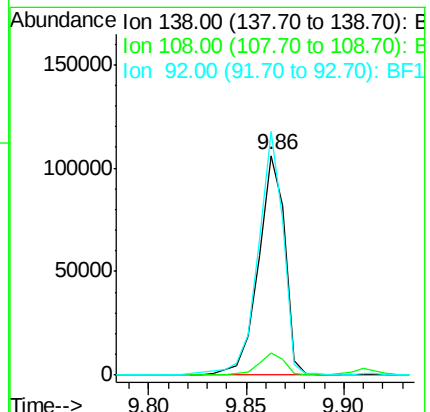
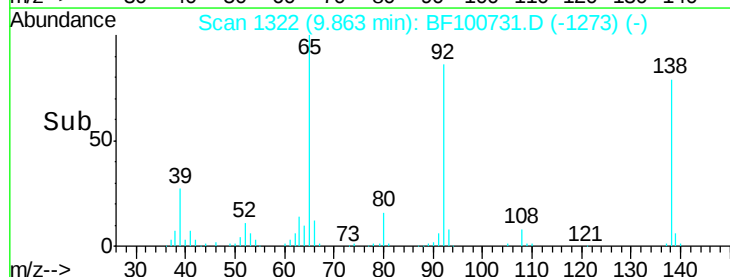
92 110.7 89.4 134.2

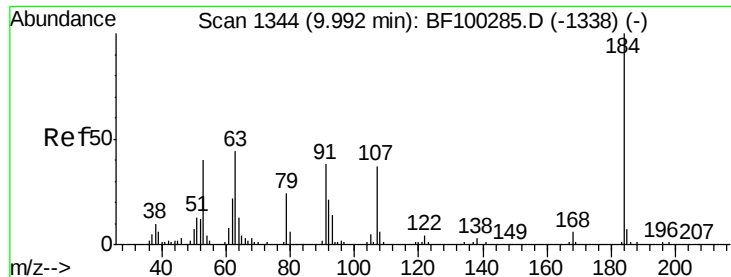


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

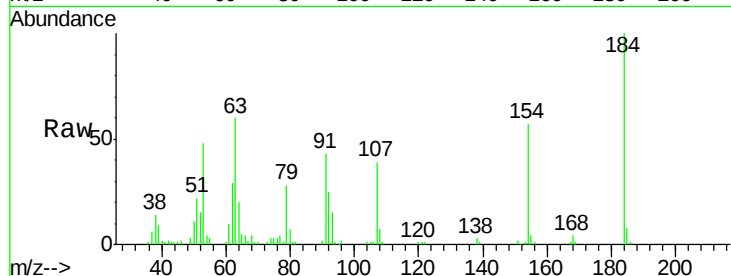




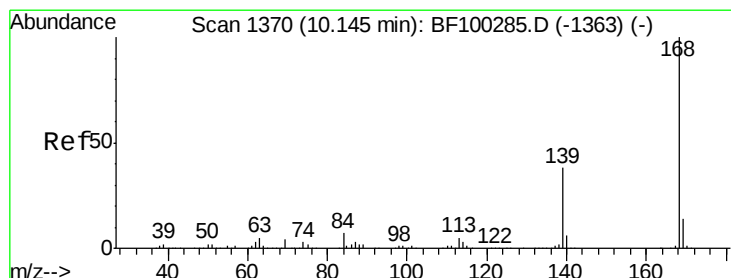
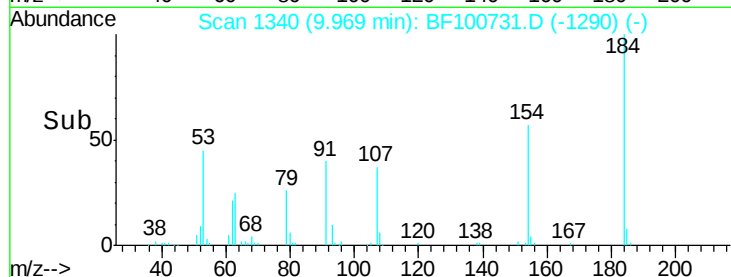
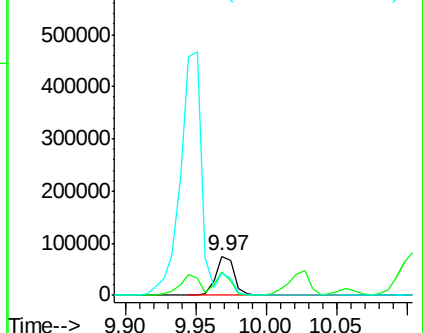
#53
 2,4-Dinitrophenol
 Concen: 67.99 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tgt Ion:184 Resp: 69491
 Ion Ratio Lower Upper
 184 100
 63 59.8 54.2 81.2
 154 57.0 184.0 276.0#

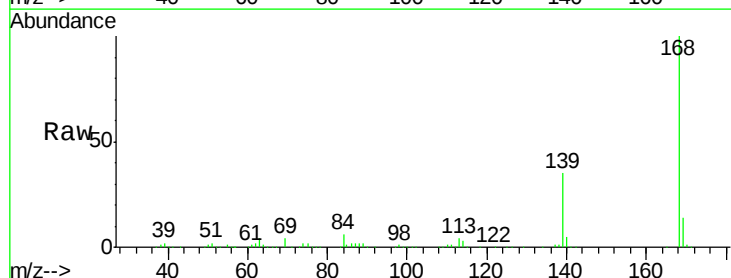


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

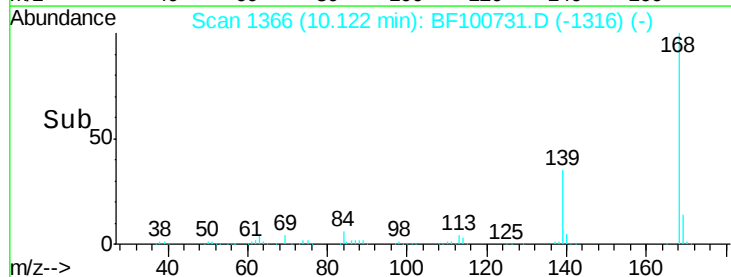
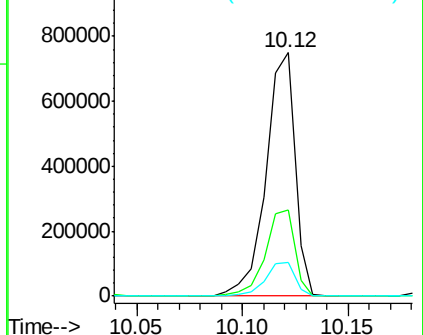


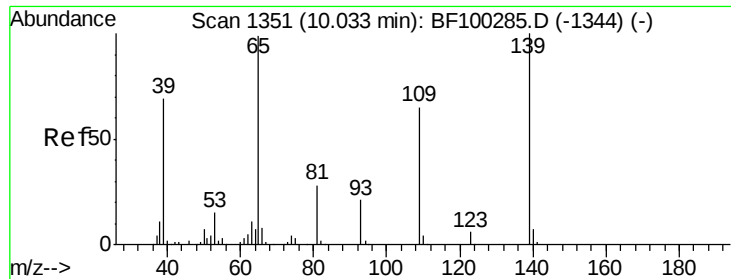
#54
 Dibenzofuran
 Concen: 48.52 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:168 Resp: 718964
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.1 45.1
 169 14.0 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: 82.44 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

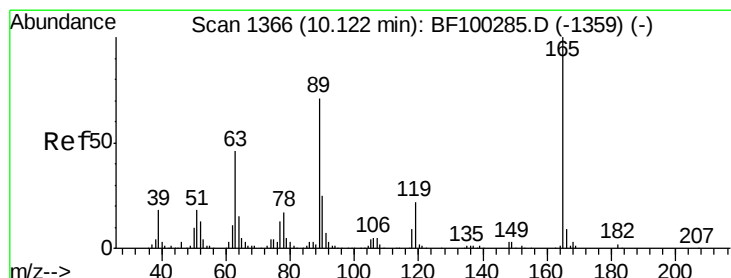
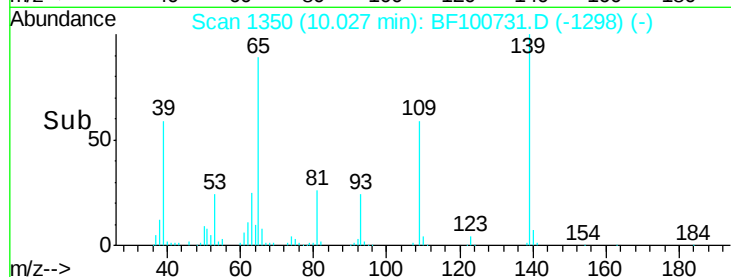
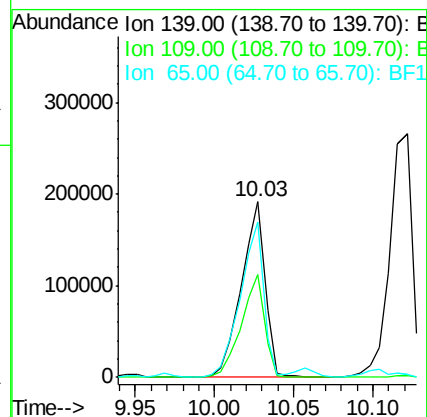
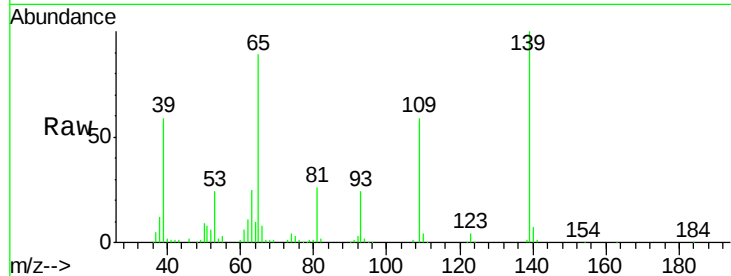
Tgt Ion:139 Resp: 199723

Ion Ratio Lower Upper

139 100

109 58.8 48.4 88.4

65 88.7 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 57.87 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:165 Resp: 184452

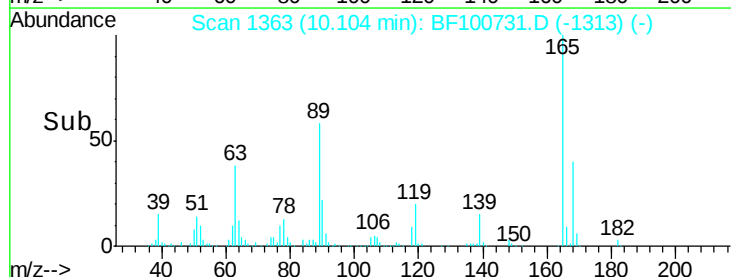
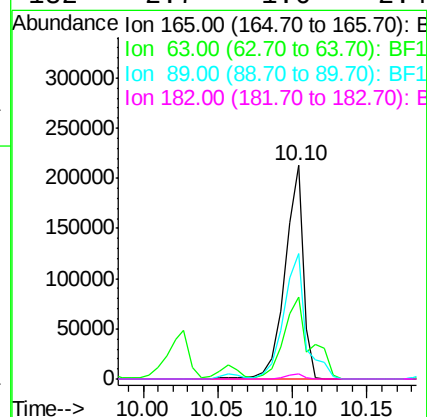
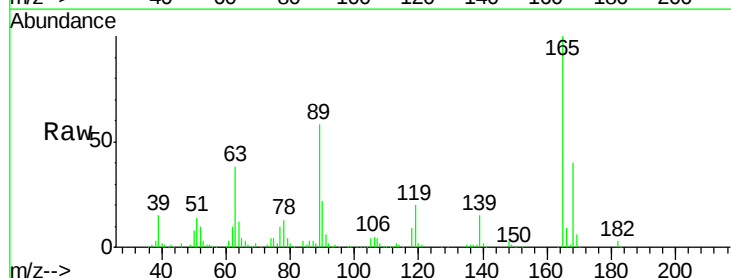
Ion Ratio Lower Upper

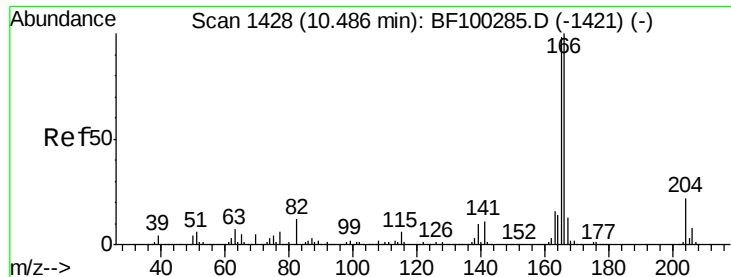
165 100

63 38.2 36.4 54.6

89 58.5 57.8 86.6

182 2.7 1.6 2.4#

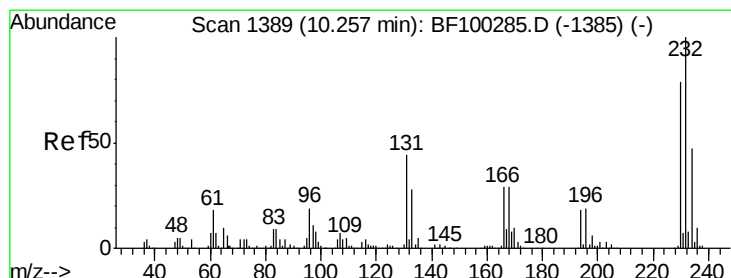
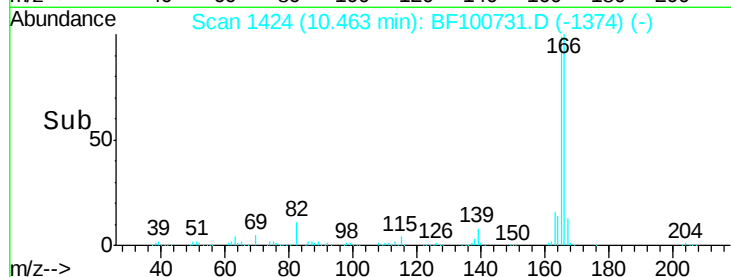
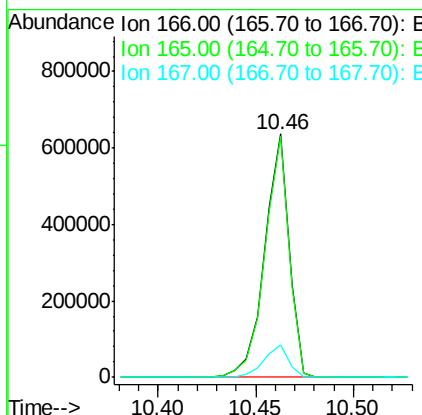
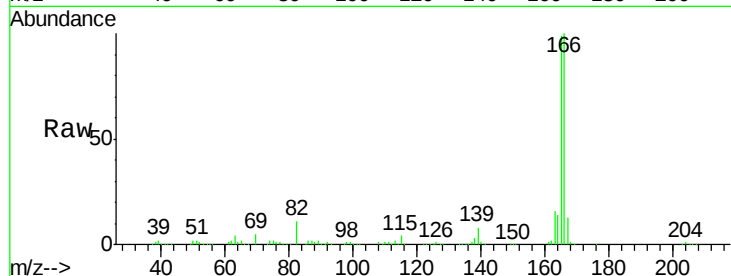




#57
 Fluorene
 Concen: 50.86 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

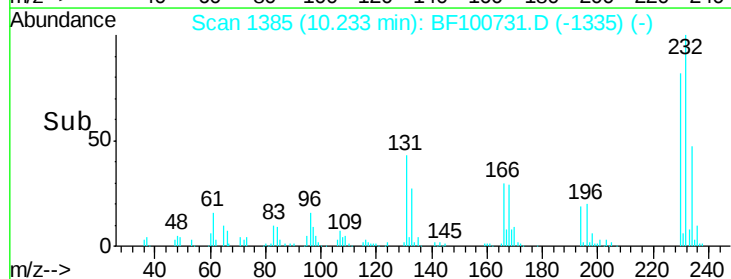
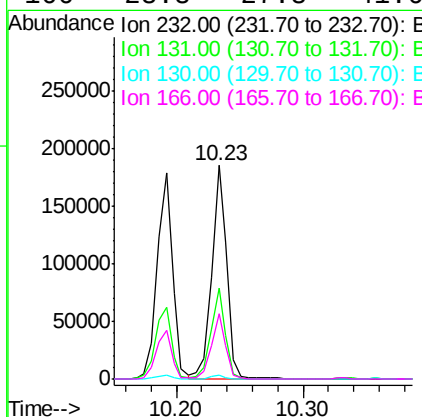
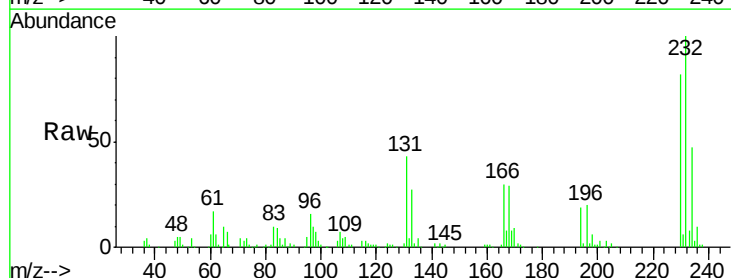
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

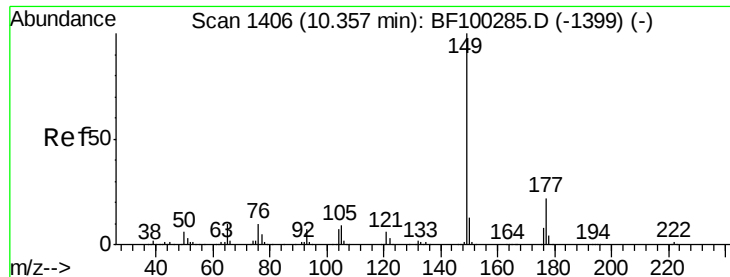
Tgt Ion:166 Resp: 552097
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.25 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:232 Resp: 155914
 Ion Ratio Lower Upper
 232 100
 131 40.4 43.8 65.8#
 130 1.8 2.1 3.1#
 166 28.8 27.8 41.6

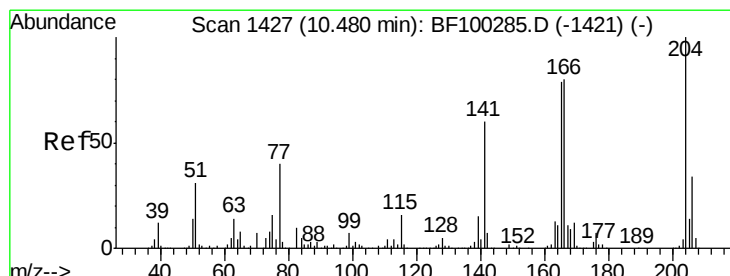
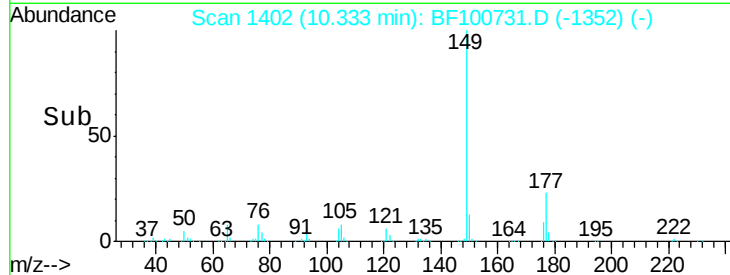
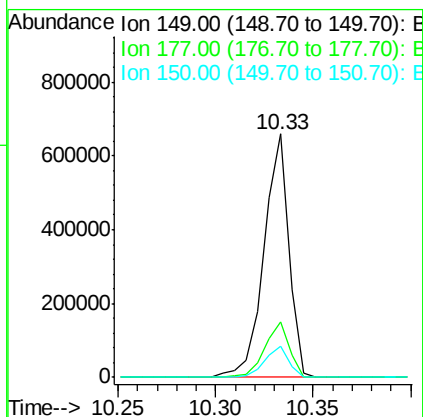
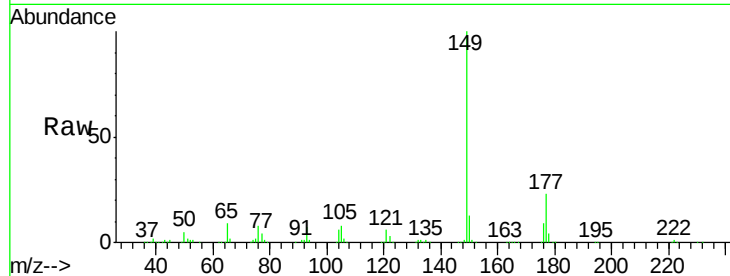




#59
Diethylphthalate
Concen: 45.58 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

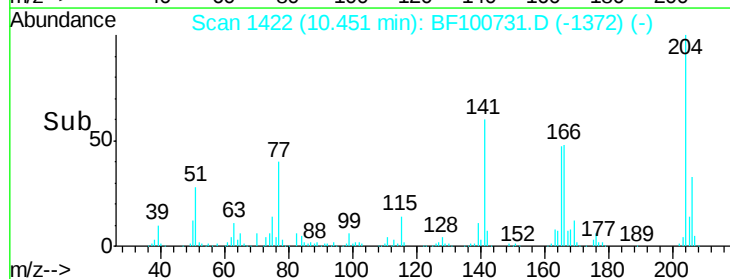
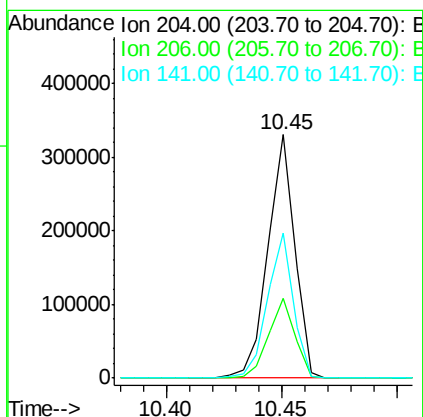
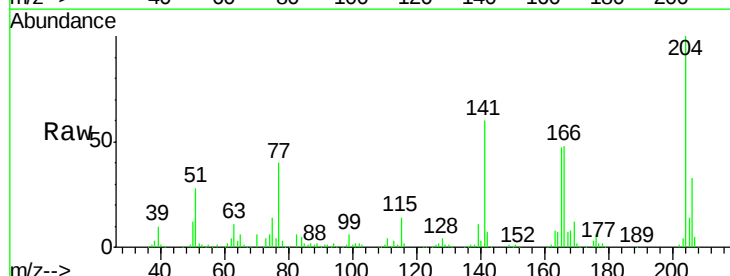
Instrument :
BNA_F
ClientSampleId :
PB104346BS

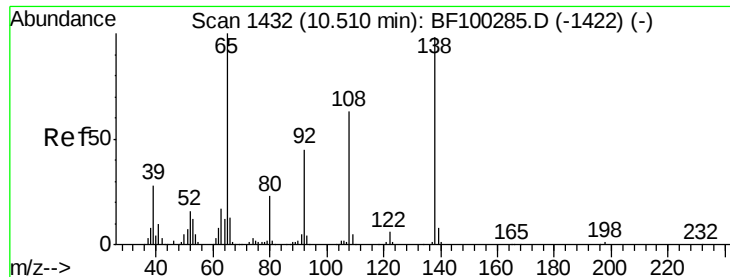
Tgt Ion: 149 Resp: 582236
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 50.17 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion: 204 Resp: 267189
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 59.5 54.6 81.8

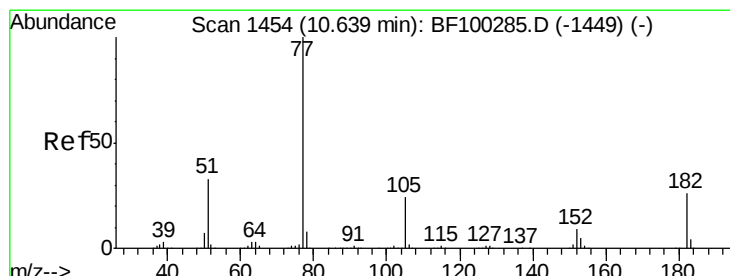
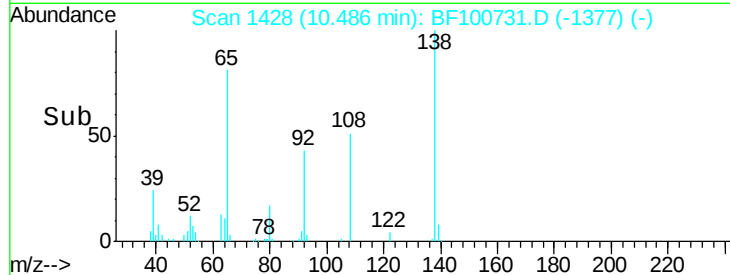
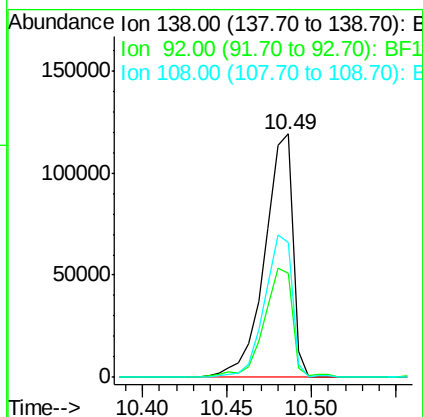
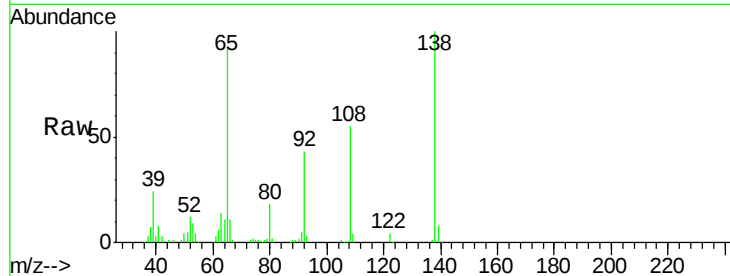




#61
4-Nitroaniline
Concen: 48.41 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

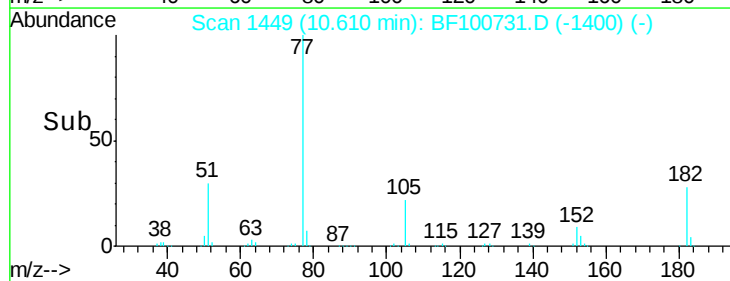
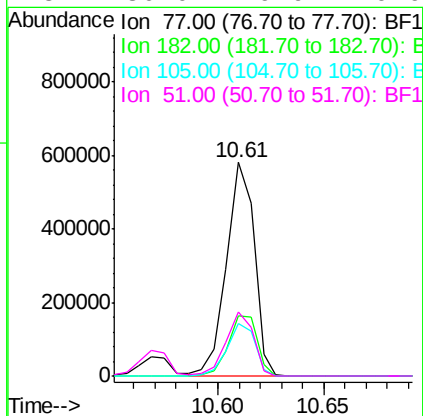
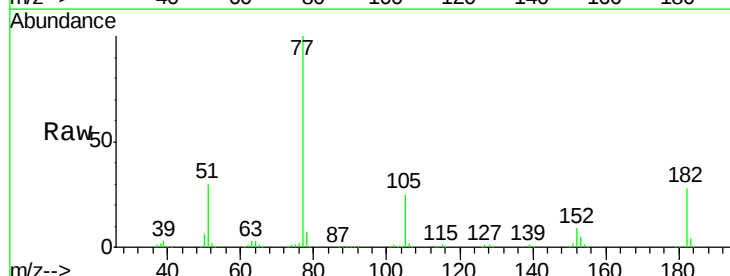
Instrument :
BNA_F
ClientSampleId :
PB104346BS

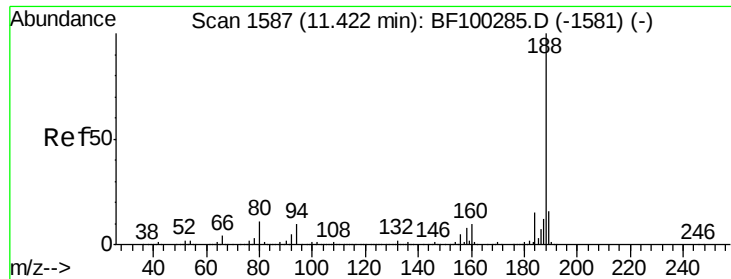
Tgt Ion: 138 Resp: 136946
Ion Ratio Lower Upper
138 100
92 43.0 30.2 70.2
108 55.3 52.5 92.5



#62
Azobenzene
Concen: 43.88 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion: 77 Resp: 527915
Ion Ratio Lower Upper
77 100
182 28.0 1.7 41.7
105 24.8 3.0 43.0
51 30.0 9.9 49.9

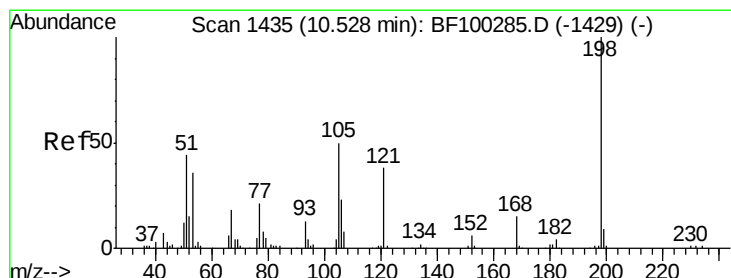
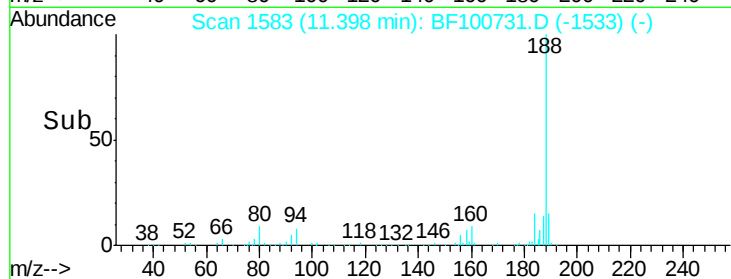
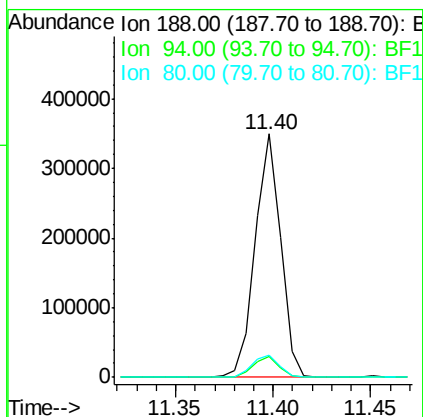
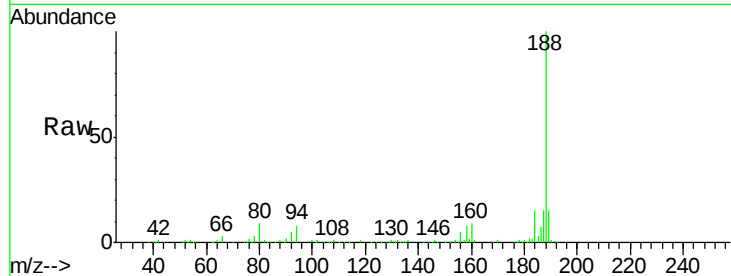




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

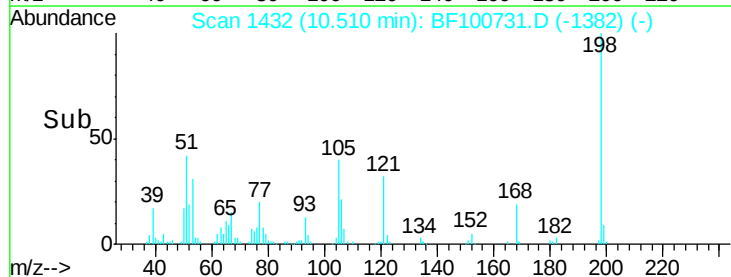
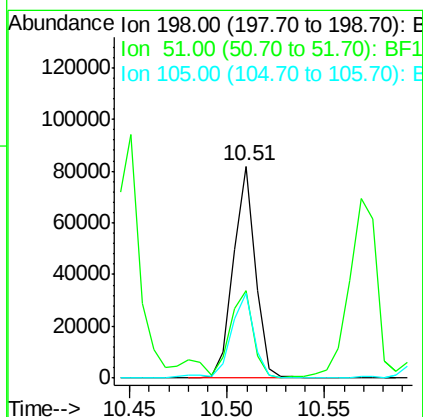
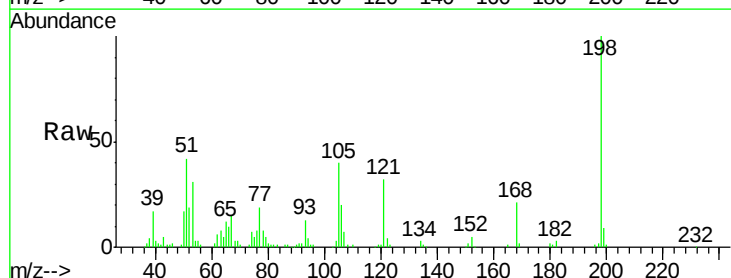
Instrument :
BNA_F
ClientSampleId :
PB104346BS

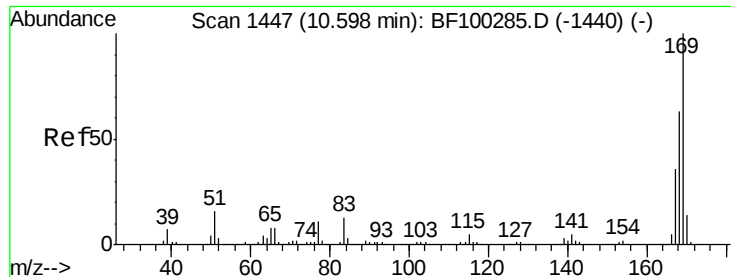
Tgt Ion:188 Resp: 317434
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.46 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:198 Resp: 64178
Ion Ratio Lower Upper
198 100
51 41.5 37.7 77.7
105 40.2 36.3 76.3

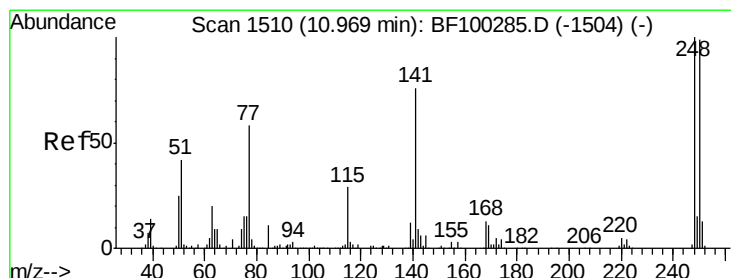
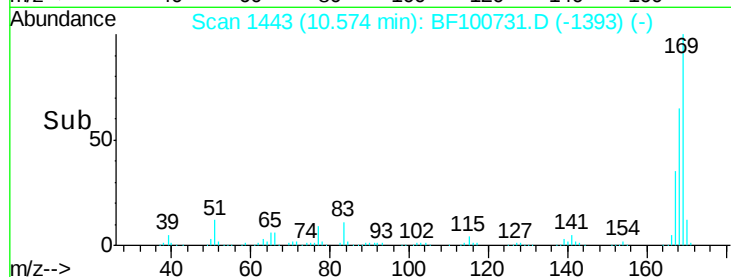
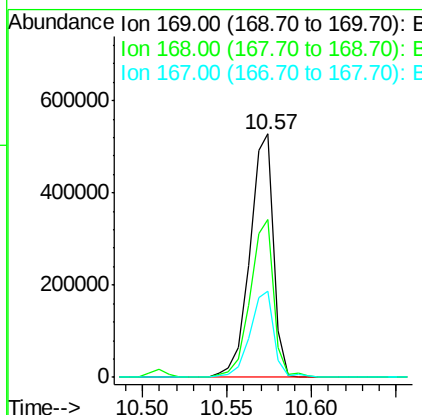
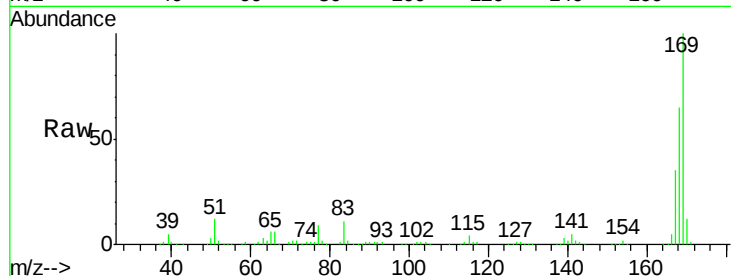




#65
 n-Nitrosodiphenylamine
 Concen: 46.85 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

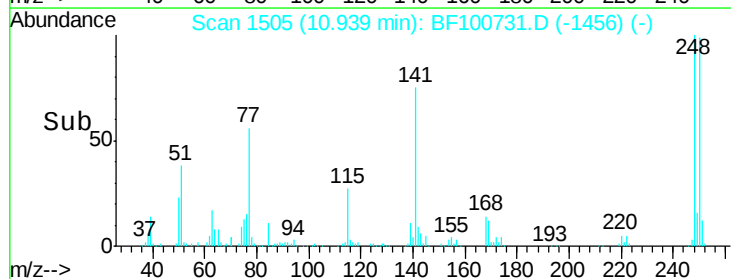
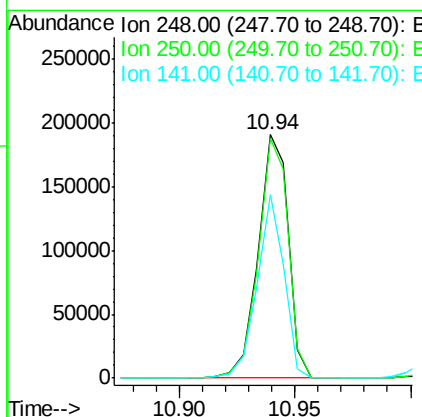
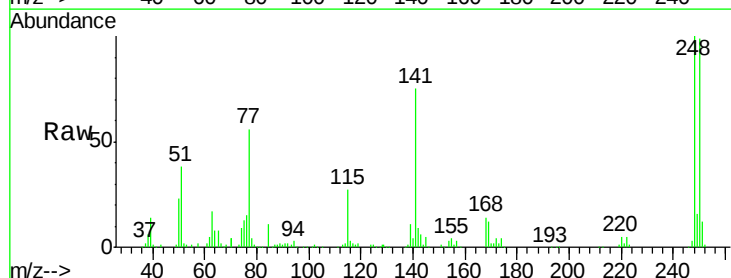
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

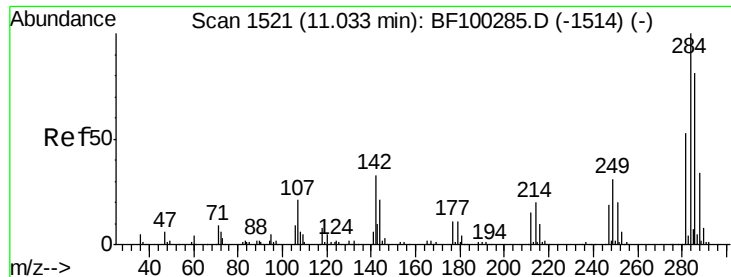
Tgt Ion:169 Resp: 517159
 Ion Ratio Lower Upper
 169 100
 168 64.6 54.4 81.6
 167 35.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 50.94 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:248 Resp: 173340
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.9 115.3
 141 75.2 74.4 111.6

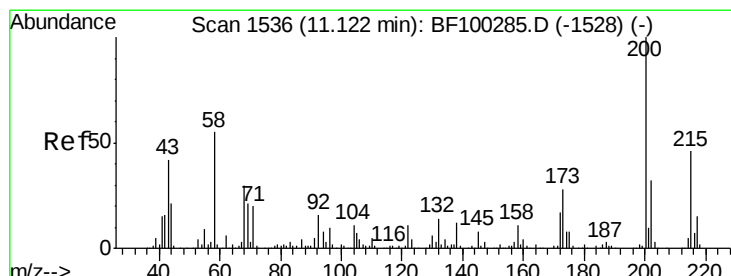
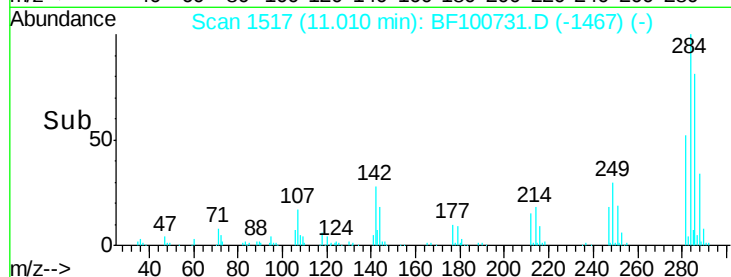
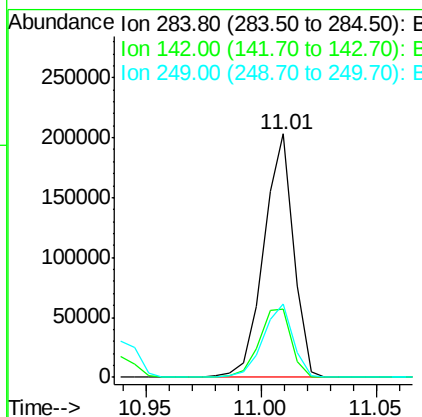
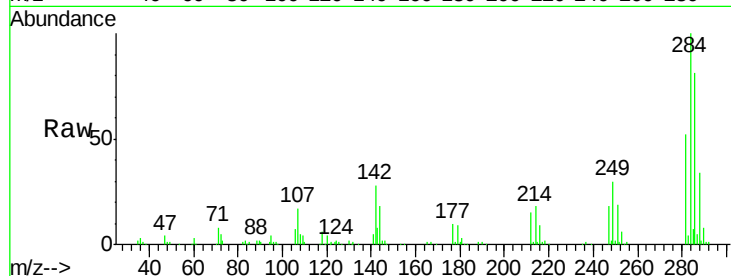




#67
Hexachlorobenzene
Concen: 50.96 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

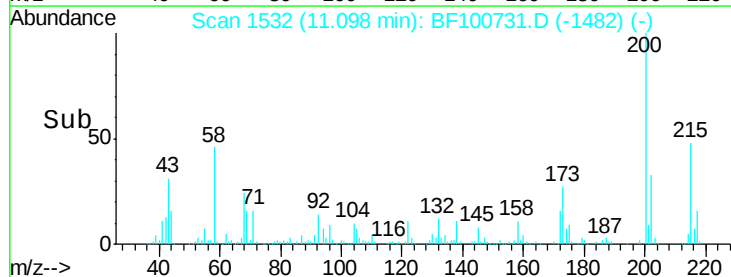
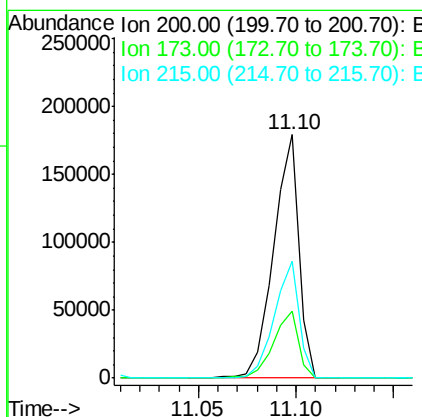
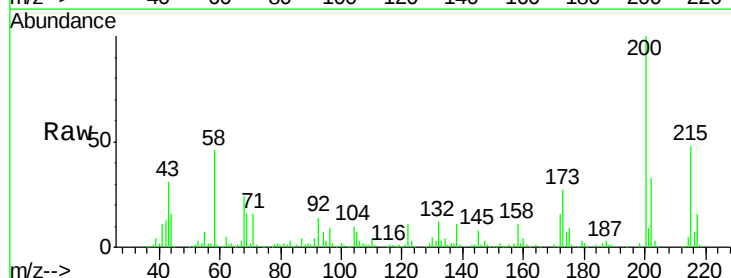
Instrument :
BNA_F
ClientSampleId :
PB104346BS

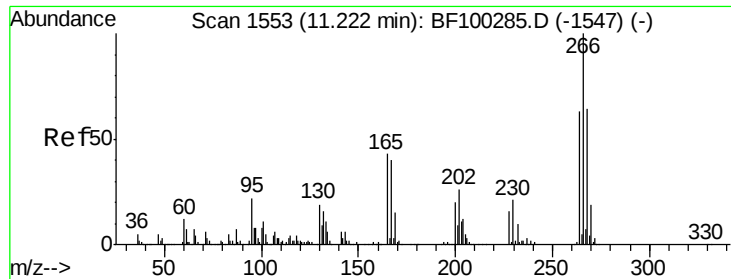
Tgt Ion:284 Resp: 181366
Ion Ratio Lower Upper
284 100
142 28.2 34.6 52.0#
249 30.2 24.8 37.2



#68
Atrazine
Concen: 48.03 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion:200 Resp: 160467
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 48.2 25.1 65.1





#69

Pentachlorophenol

Concen: 66.26 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

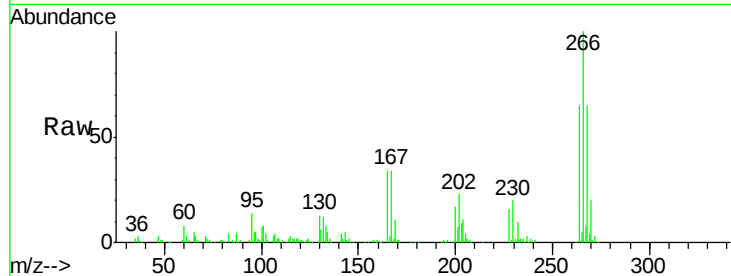
Tgt Ion:266 Resp: 169101

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

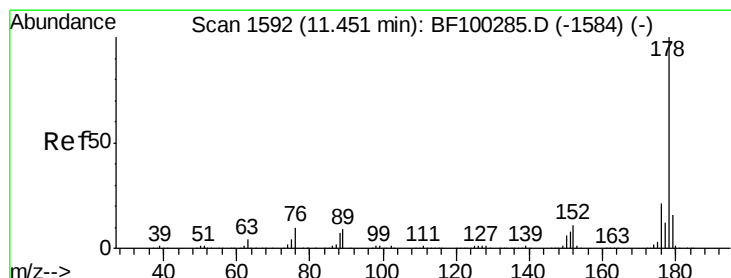
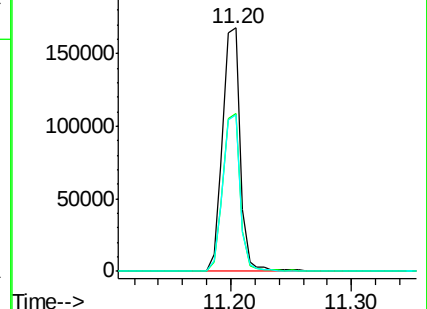
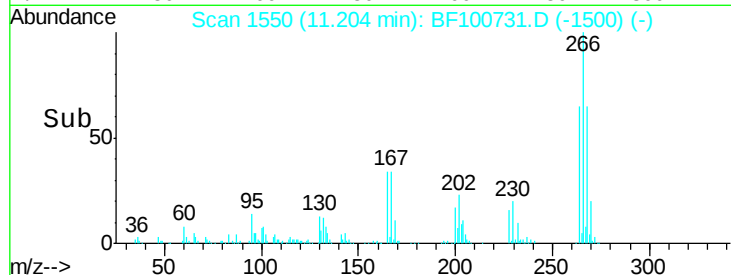
264 64.5 49.5 74.3



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: 48.05 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

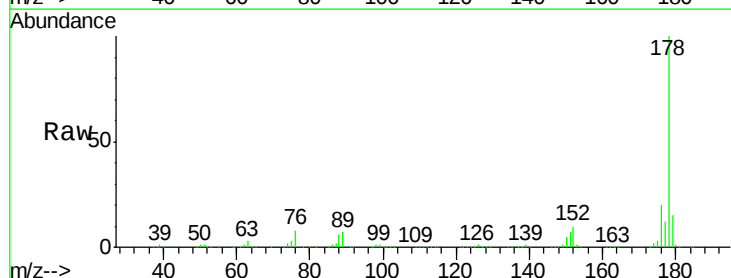
Tgt Ion:178 Resp: 803153

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

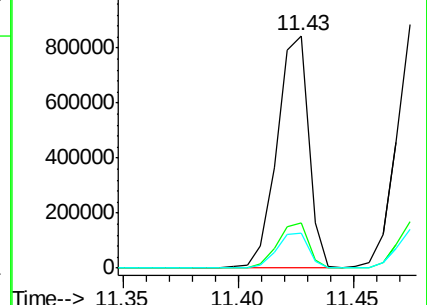
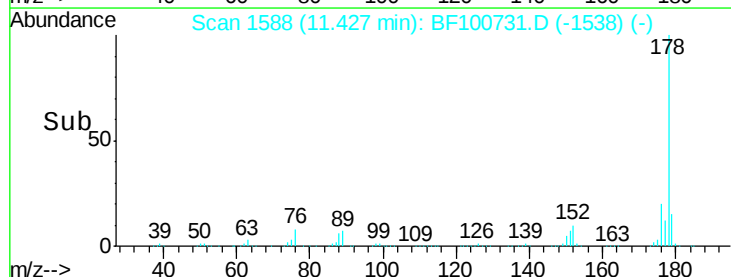
179 15.1 13.0 19.6

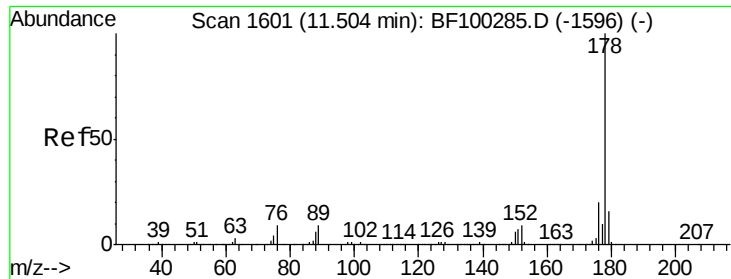


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

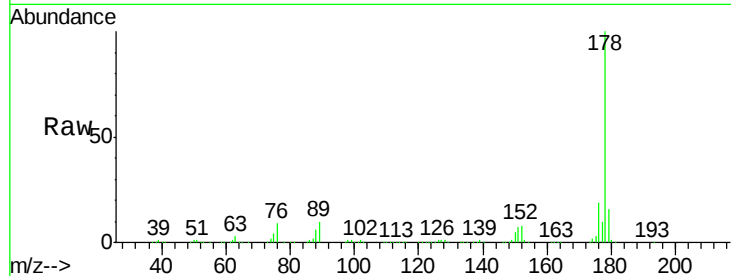




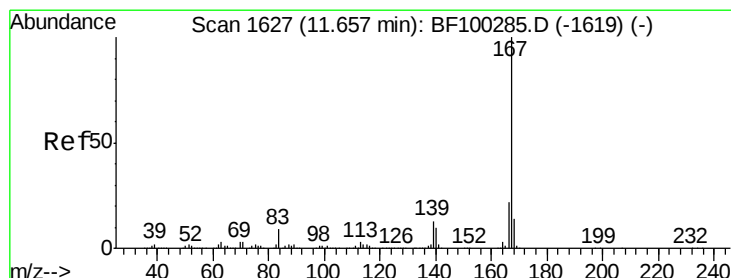
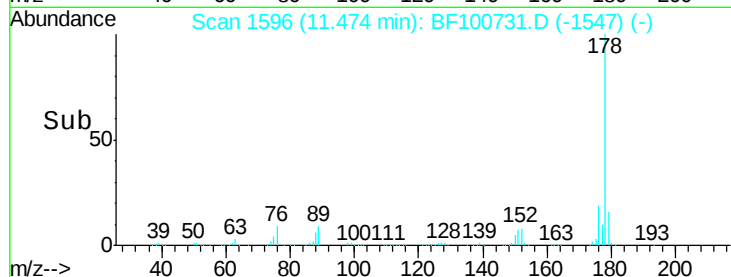
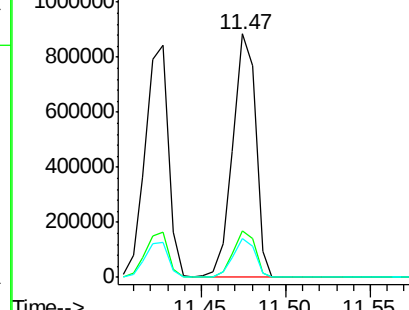
#71
 Anthracene
 Concen: 49.23 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tgt Ion:178 Resp: 834799
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0

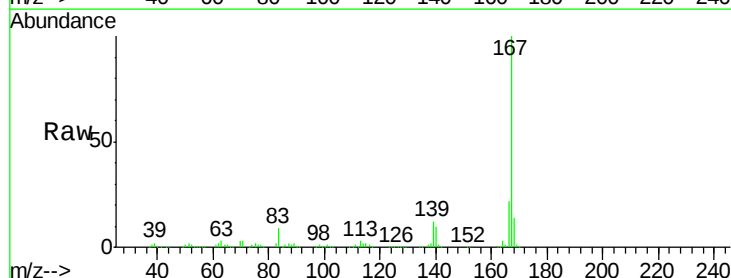


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

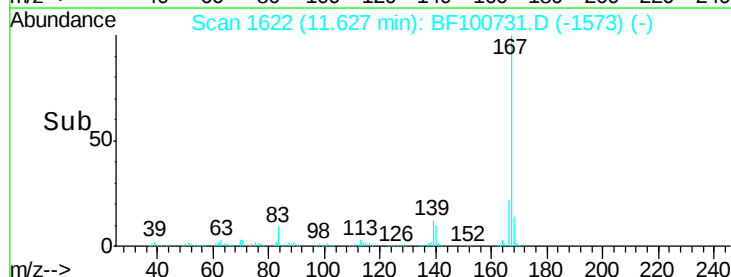
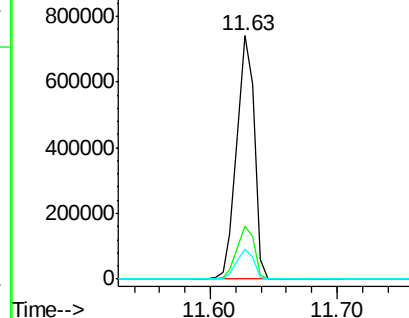


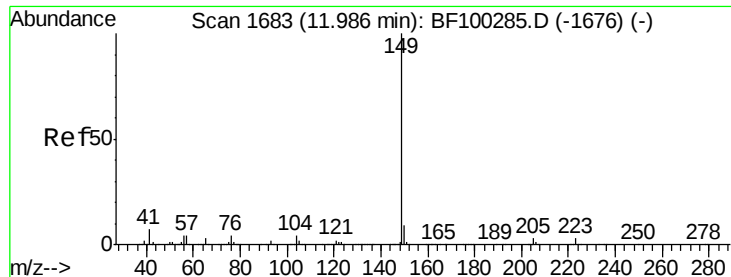
#72
 Carbazole
 Concen: 45.03 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:167 Resp: 704501
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.4 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: 48.38 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

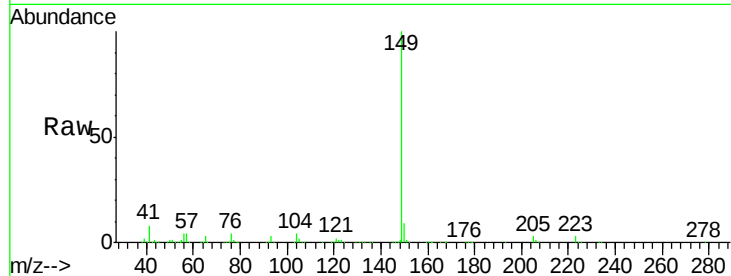
Tgt Ion:149 Resp: 885826

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

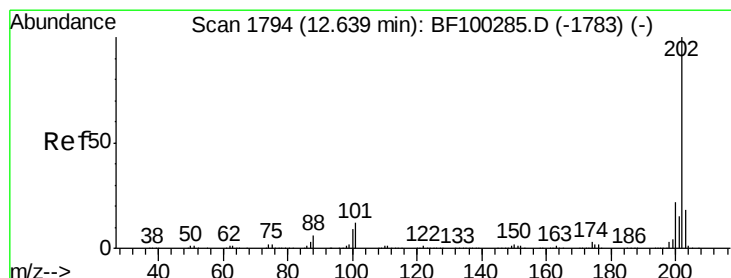
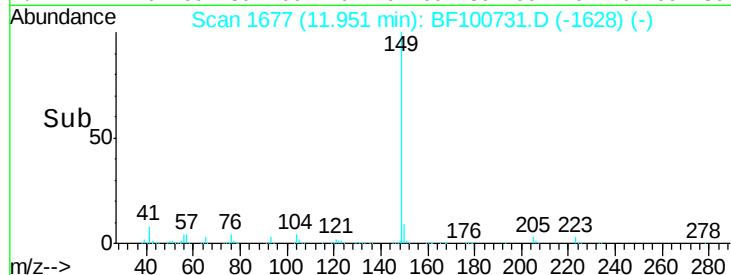
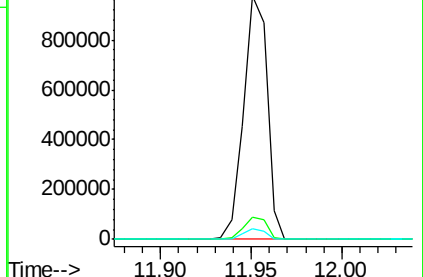
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.52 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

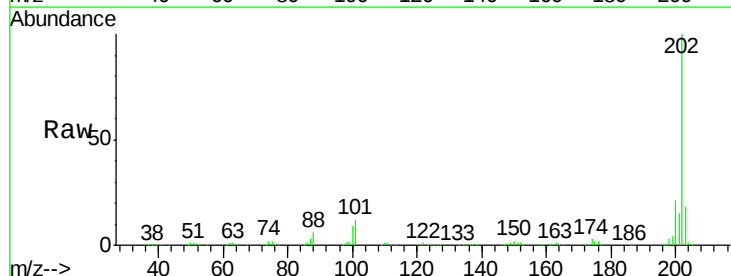
Tgt Ion:202 Resp: 770896

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

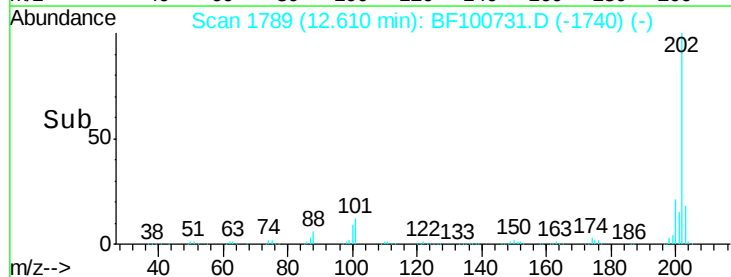
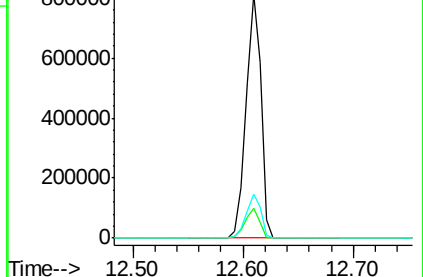
203 18.0 0.0 38.1

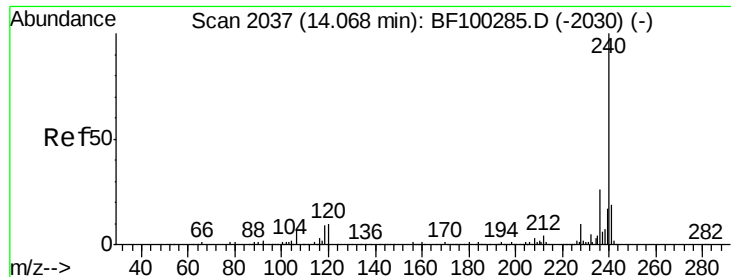


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

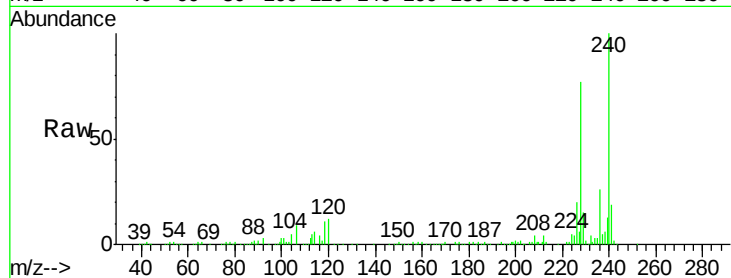
Tgt Ion:240 Resp: 171249

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

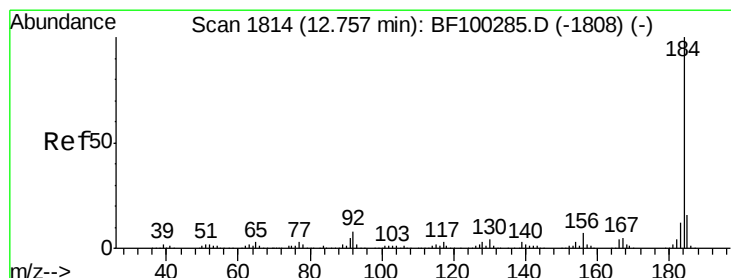
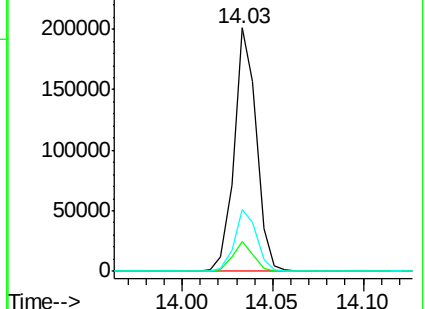
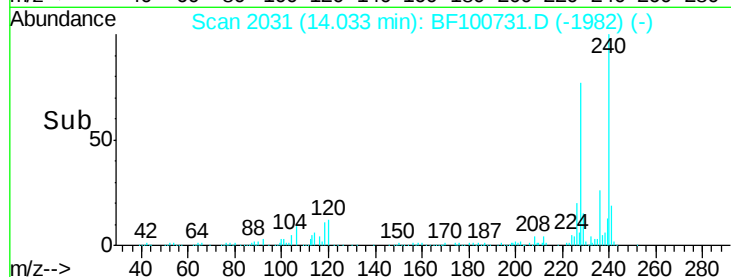
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.44 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

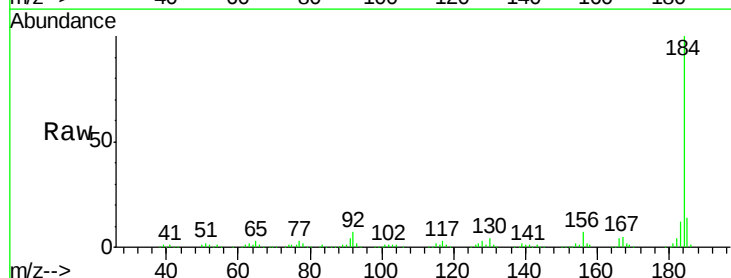
Tgt Ion:184 Resp: 270499

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

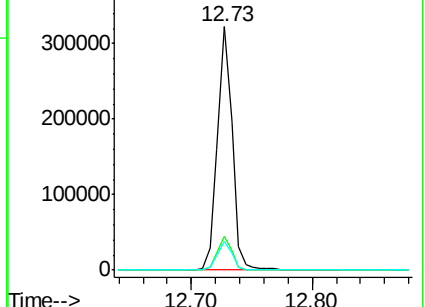
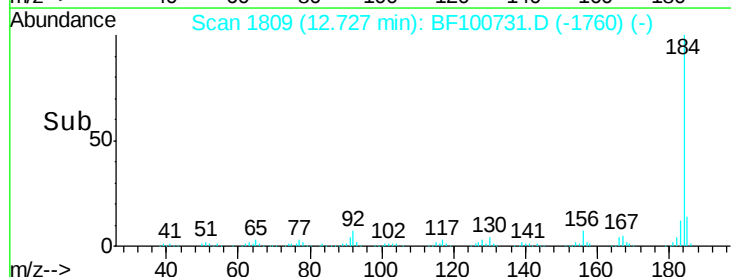
183 11.8 9.3 13.9

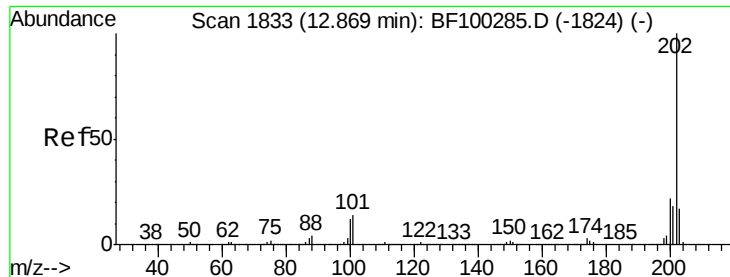


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

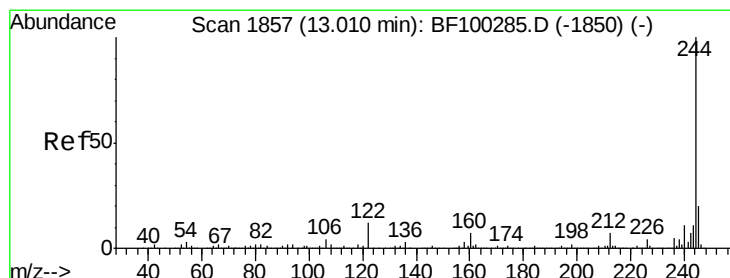
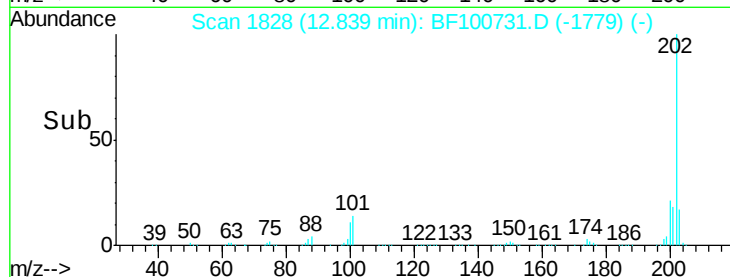
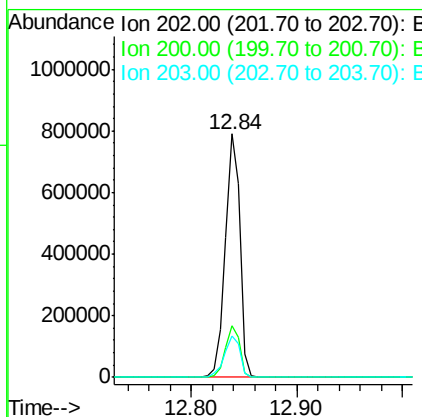
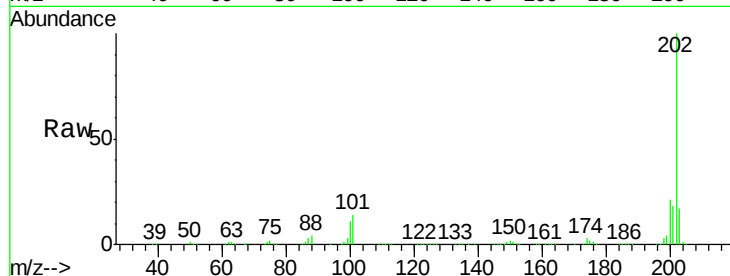




#77
 Pyrene
 Concen: 62.08 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

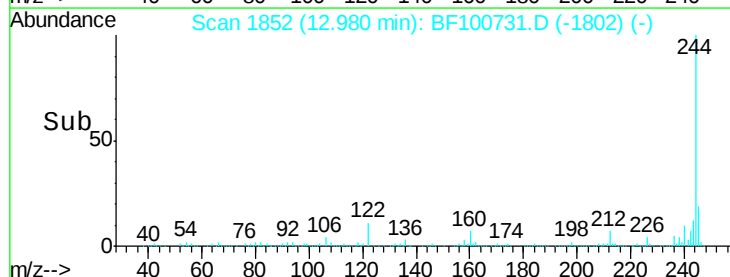
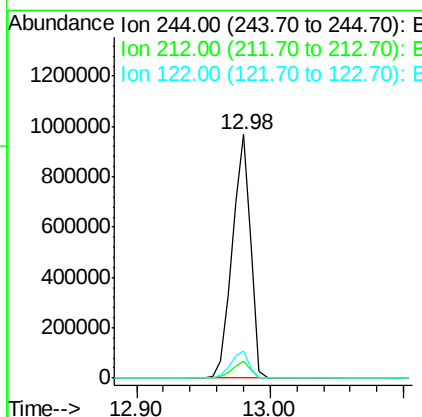
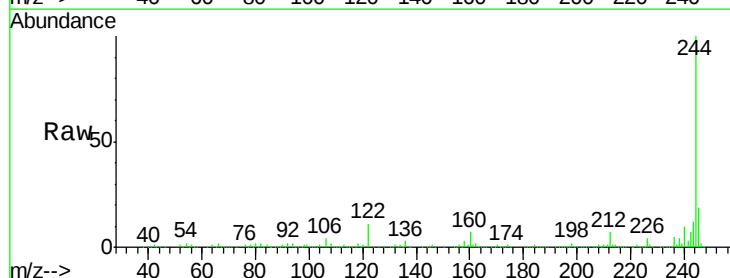
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

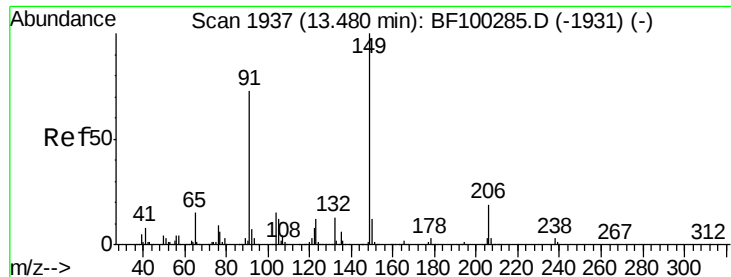
Tgt Ion: 202 Resp: 757771
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 124.67 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion: 244 Resp: 929148
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.4 11.0 16.4

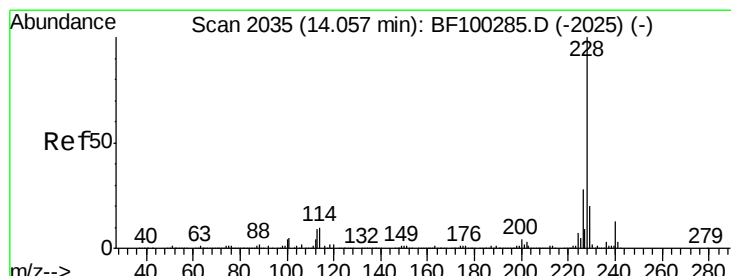
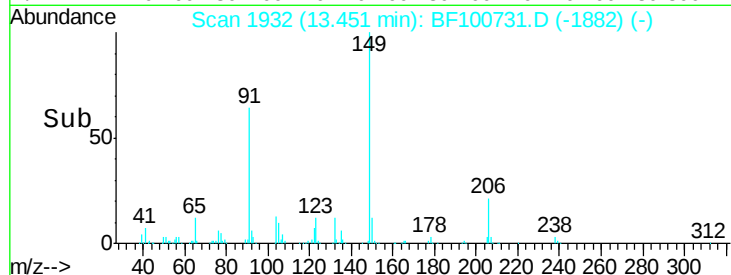
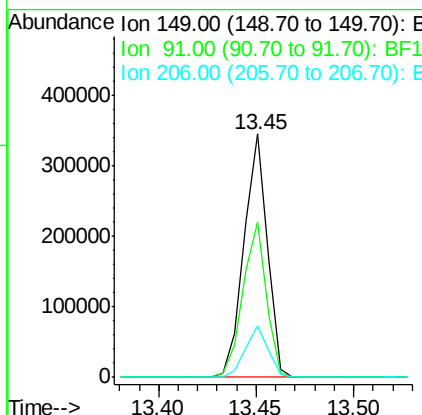
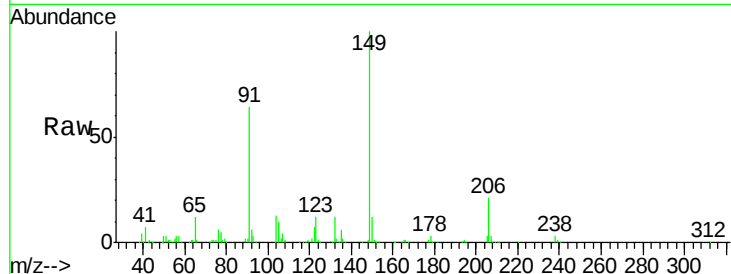




#79
 Butylbenzylphthalate
 Concen: 57.62 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

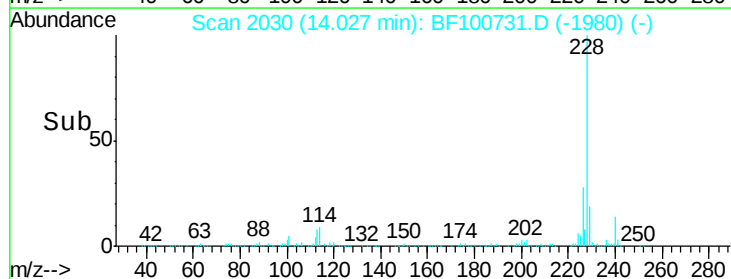
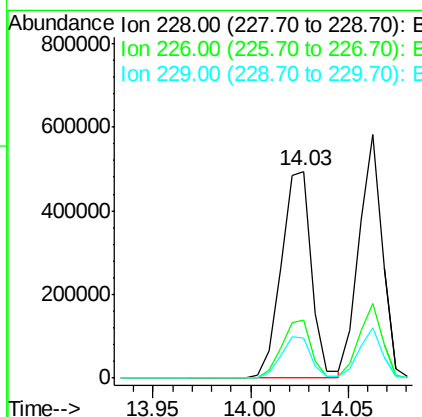
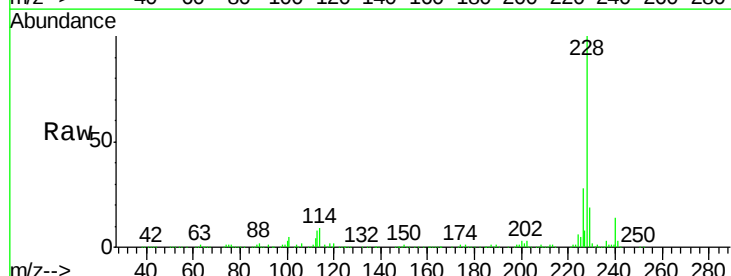
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

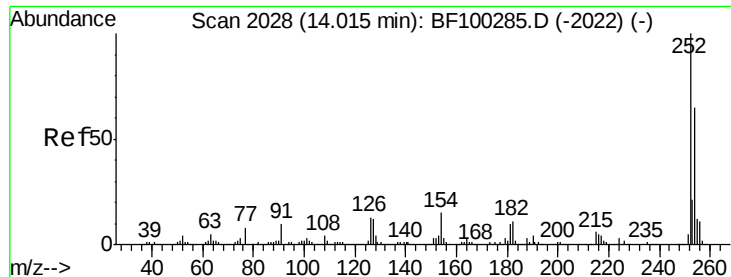
Tgt Ion:	149	Resp:	286834
Ion Ratio	Lower	Upper	
149	100		
91	63.6	56.8	85.2
206	21.0	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 51.43 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:	228	Resp:	530337
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.5	15.8	23.6

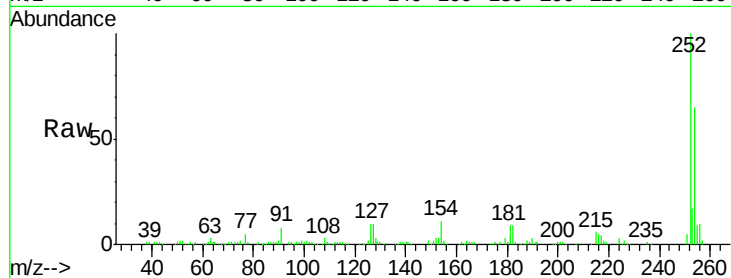




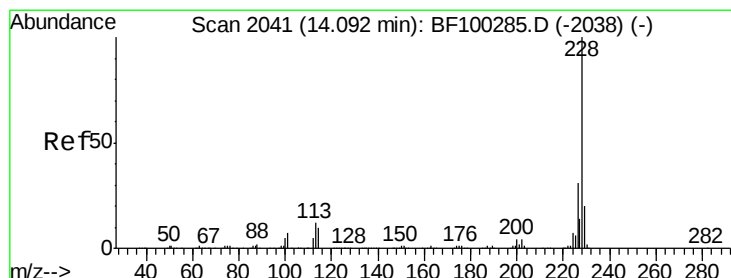
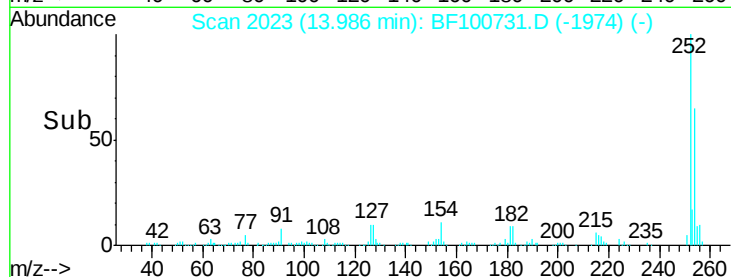
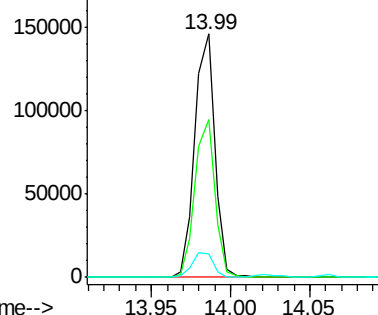
#81
 3,3'-Dichlorobenzidine
 Concen: 34.98 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.9	11.3	16.9#

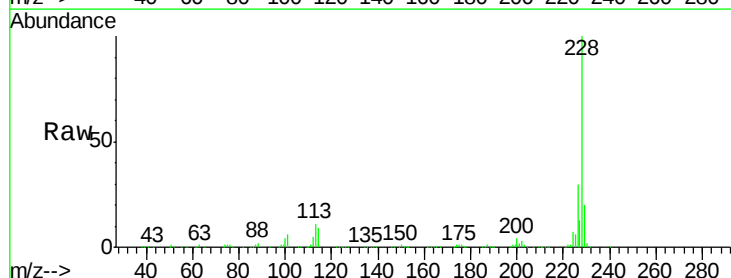


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

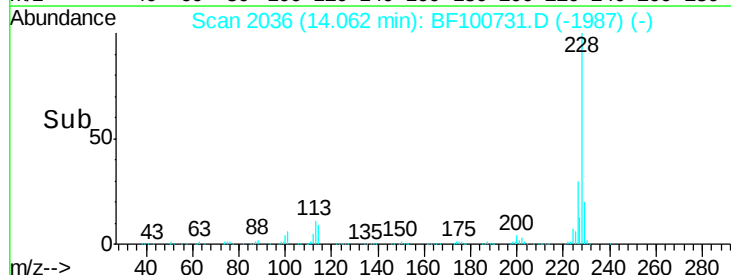
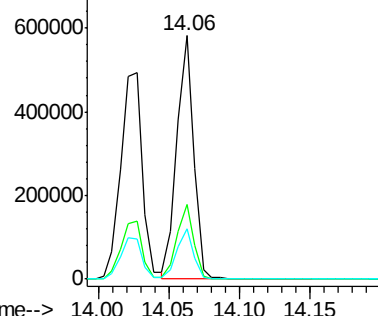


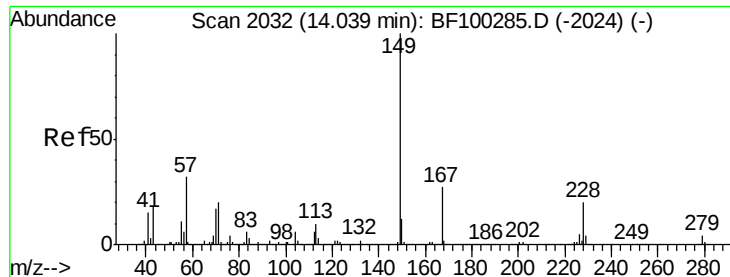
#82
 Chrysene
 Concen: 48.52 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.5	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: 54.66 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

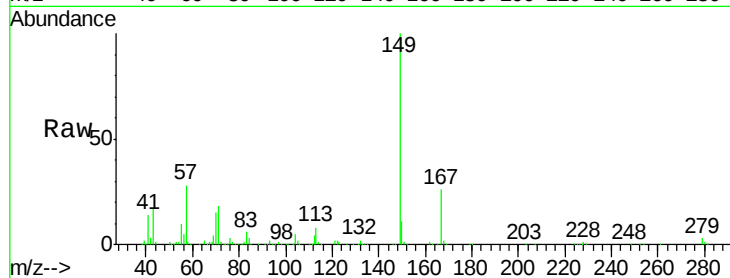
Tgt Ion:149 Resp: 357899

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

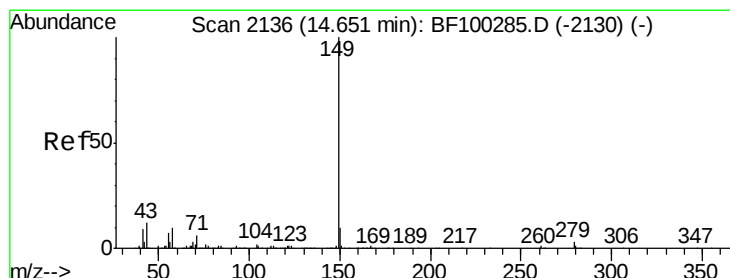
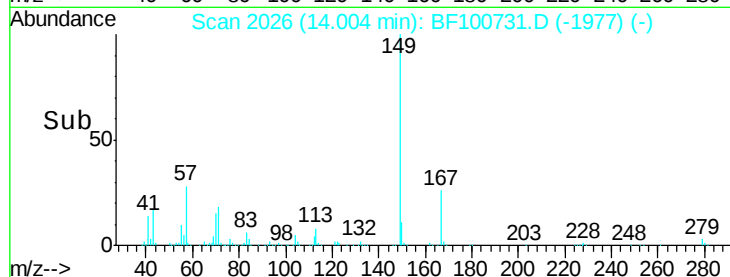
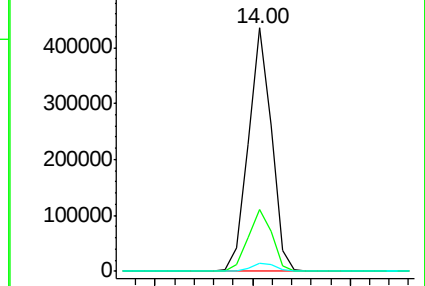
279 3.5 3.0 4.4



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: 48.01 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

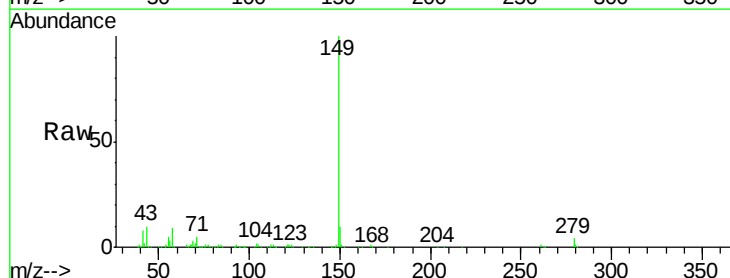
Tgt Ion:149 Resp: 539981

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

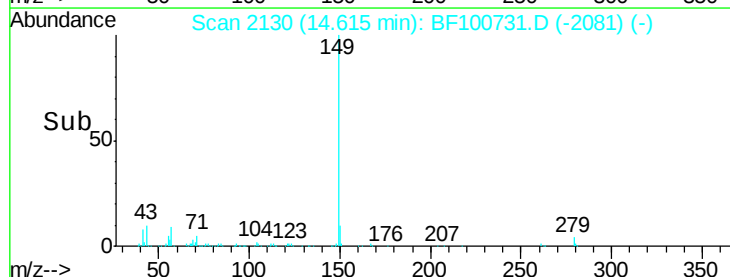
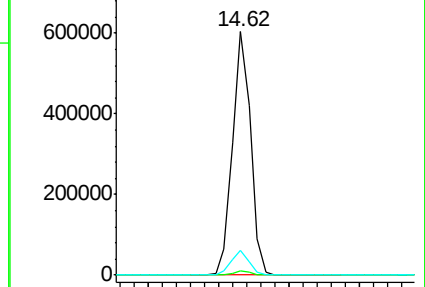
43 9.6 8.4 12.6

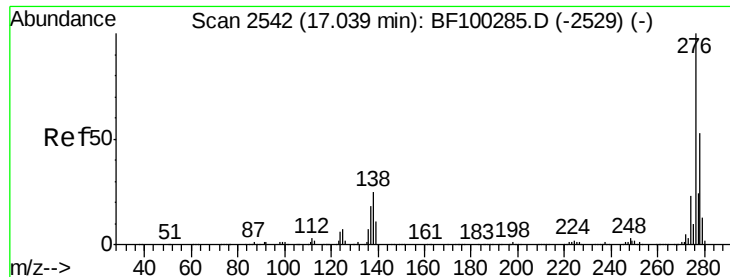


Abundance Ion 149.00 (148.70 to 149.70): E

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: 81.27 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

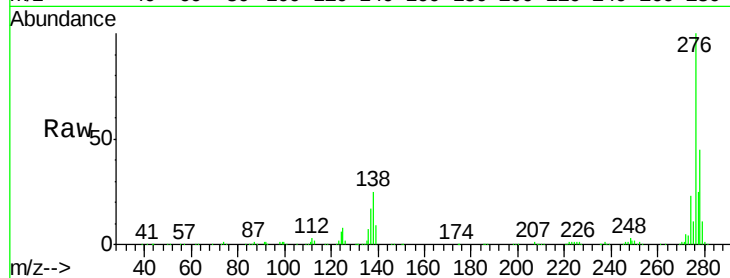
Tgt Ion:276 Resp: 656467

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

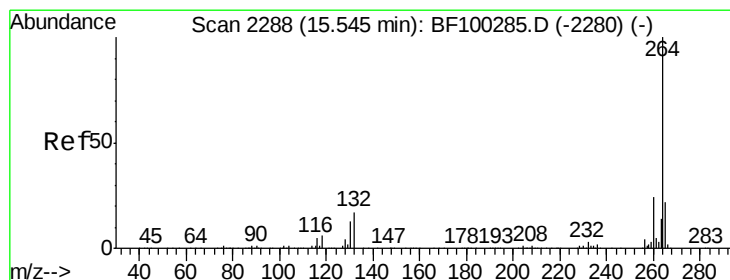
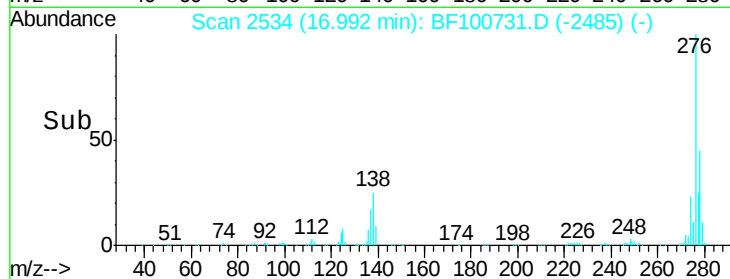
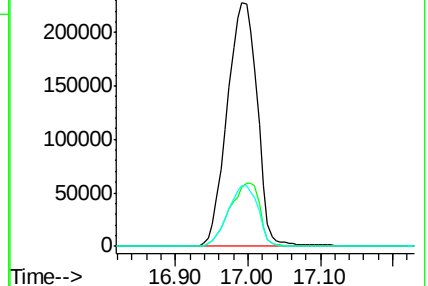
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

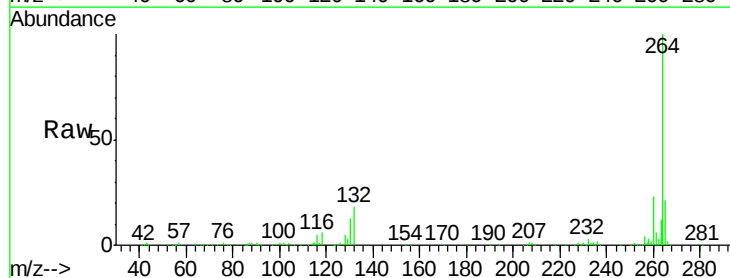
Tgt Ion:264 Resp: 193530

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

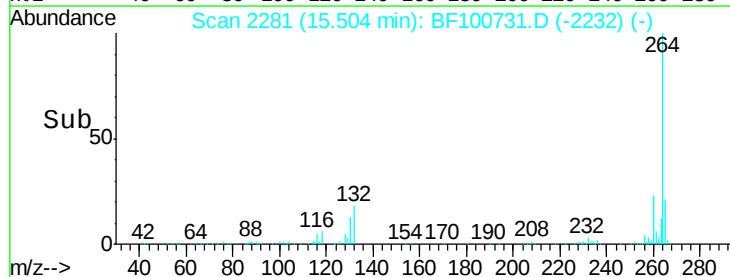
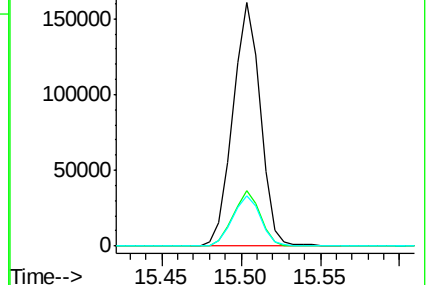
265 20.8 17.5 26.3

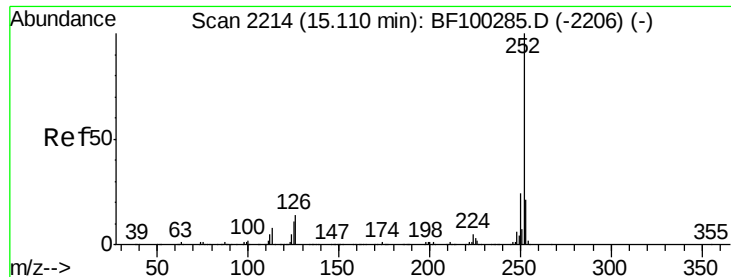


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

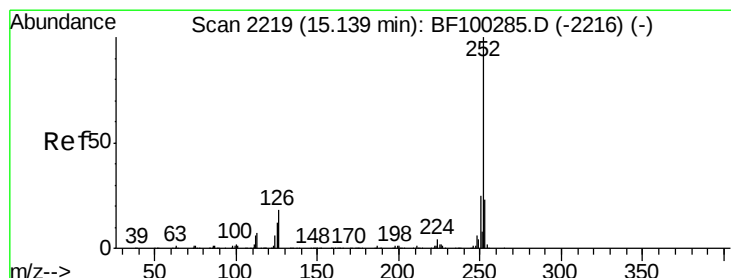
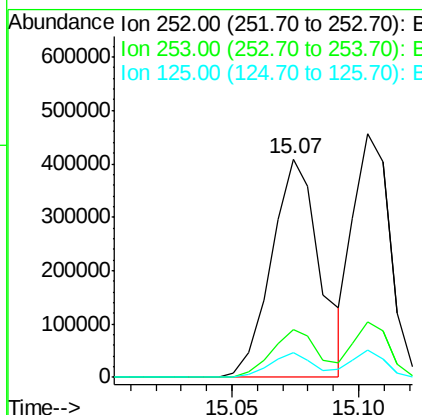
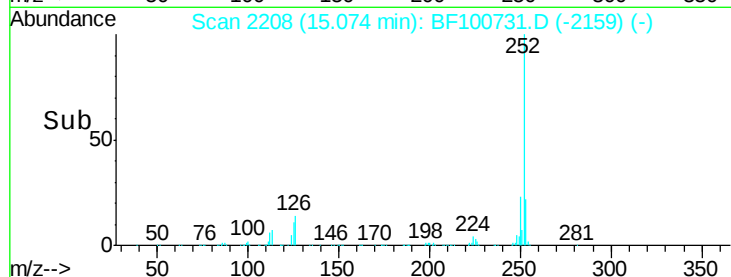
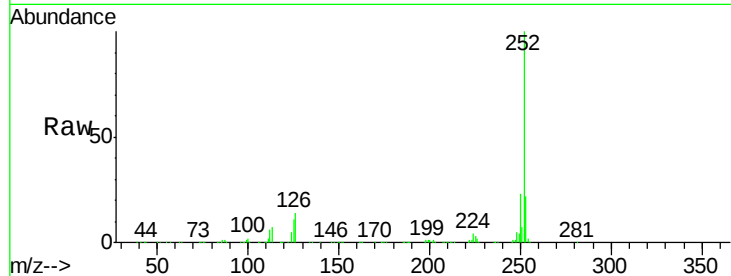




#87
Benzo(b)fluoranthene
Concen: 47.49 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

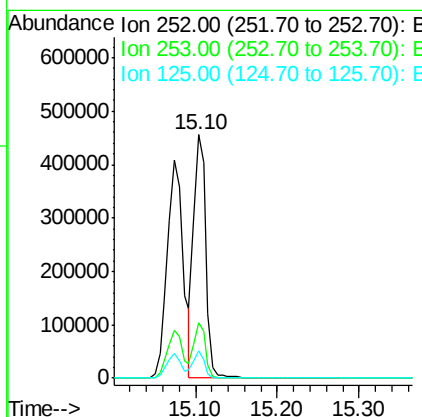
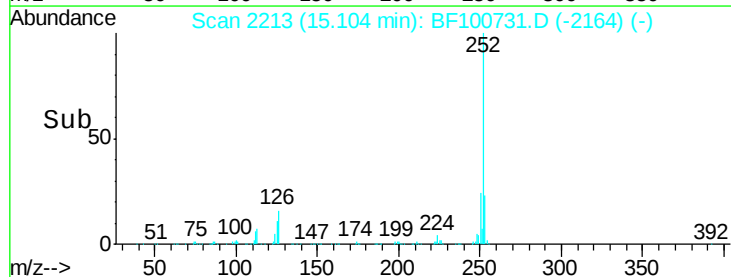
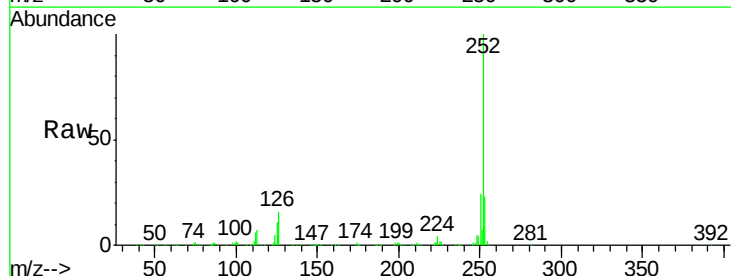
Instrument :
BNA_F
ClientSampleId :
PB104346BS

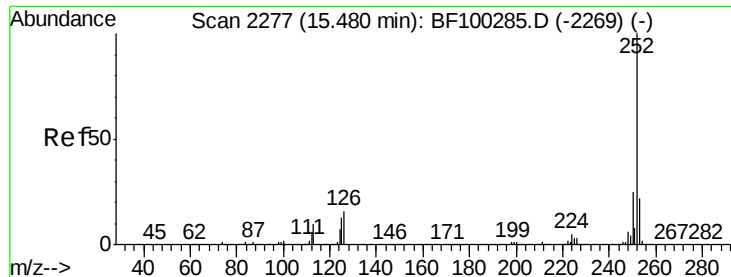
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 43.46 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 50.72 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

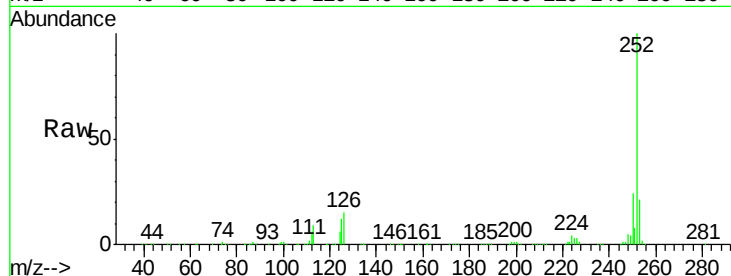
Tgt Ion:252 Resp: 515511

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

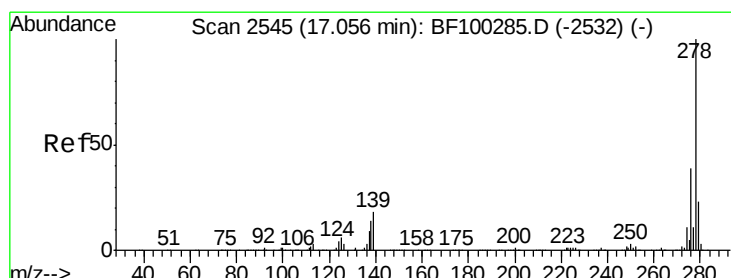
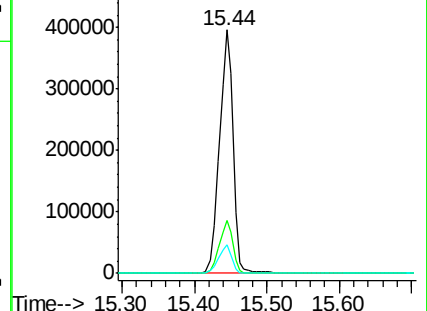
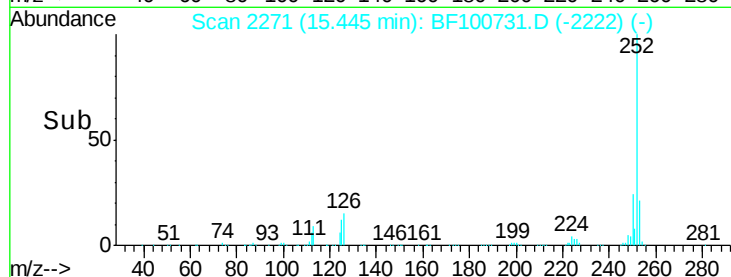
125 11.7 9.8 14.6



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: 65.25 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

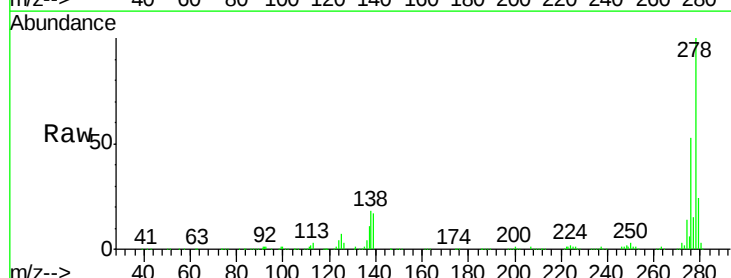
Tgt Ion:278 Resp: 542382

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

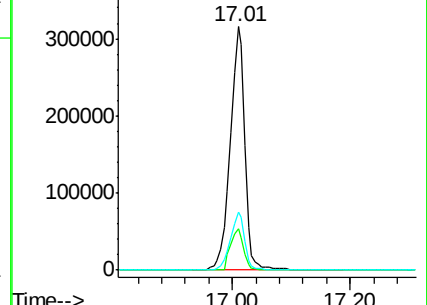
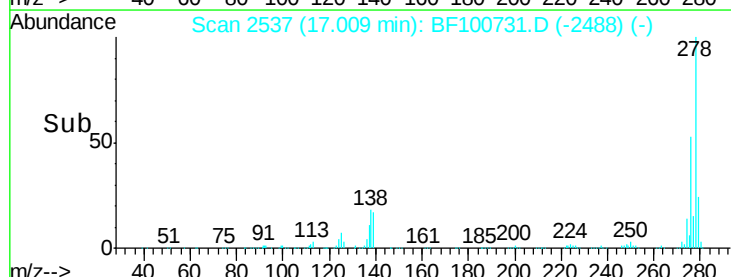
279 23.6 19.0 28.4

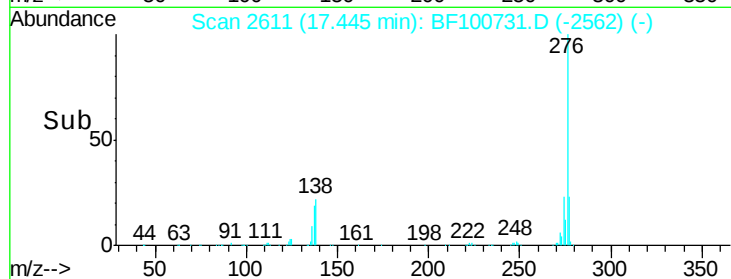
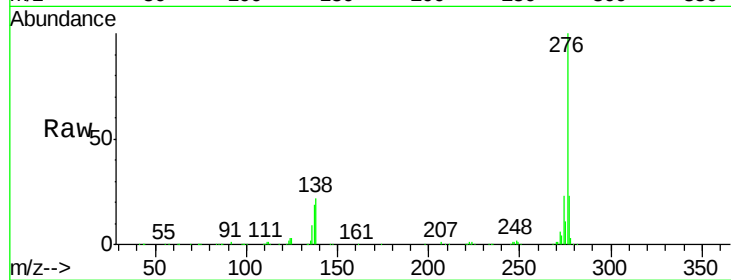
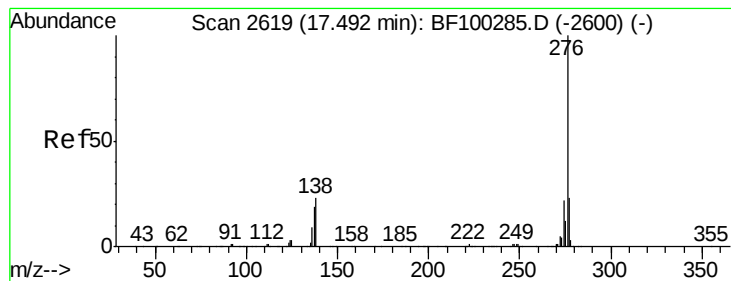


Abundance Ion 278.00 (277.70 to 278.70): E

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: 70.11 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

Tgt Ion:276 Resp: 570507

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 22.1 21.8 32.8

