

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100806.D
 Acq On : 22 Nov 2017 3:46
 Operator : SJ/JU
 Sample : I6466-08MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 07:35:35 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	80561	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	310970	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	136684	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	217649	20.00	ng	0.00
75) Chrysene-d12	14.04	240	154579	20.00	ng	0.00
86) Perylene-d12	15.51	264	140236	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	477698	95.05	ng	0.00
7) Phenol-d6	6.50	99	579820	93.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	351739	74.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	131383	94.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	658037	73.31	ng	0.00
78) Terphenyl-d14	12.98	244	419858	62.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	59815	24.42	ng	97
3) Pyridine	3.49	79	152213	22.78	ng	92
4) n-Nitrosodimethylamine	3.44	42	85085	26.23	ng	97
6) Aniline	6.54	93	138327	15.80	ng	98
8) 2-Chlorophenol	6.66	128	179582	33.78	ng	94
9) Benzaldehyde	6.43	77	68638	15.51	ng	93
10) Phenol	6.52	94	240992	37.04	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	165254	30.24	ng	97
12) 1,3-Dichlorobenzene	6.82	146	199302	32.51	ng	98
13) 1,4-Dichlorobenzene	6.89	146	199811	32.21	ng	96
14) 1,2-Dichlorobenzene	7.05	146	193850	33.79	ng	97
15) Benzyl Alcohol	7.02	79	150417	31.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	277120	31.71	ng	98
17) 2-Methylphenol	7.12	107	148483	32.68	ng	99
18) Hexachloroethane	7.39	117	53596	26.20	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	122276	28.45	ng	98
20) 3+4-Methylphenols	7.27	107	187550	32.62	ng	# 86
22) Acetophenone	7.29	105	241733	31.88	ng	# 97
24) Nitrobenzene	7.46	77	177196	36.60	ng	96
25) Isophorone	7.69	82	326956	33.08	ng	100
26) 2-Nitrophenol	7.77	139	87397	39.57	ng	95
27) 2,4-Dimethylphenol	7.80	122	163057	36.80	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	210805	32.61	ng	98
29) 2,4-Dichlorophenol	8.01	162	154538	36.53	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	160073	34.98	ng	94
31) Naphthalene	8.18	128	510027	34.05	ng	99
32) Benzoic acid	7.80	122	163057	48.05	ng	# 13
33) 4-Chloroaniline	8.22	127	99162	15.91	ng	98
34) Hexachlorobutadiene	8.29	225	91544	33.65	ng	99
35) Caprolactam	8.59	113	38032	26.20	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	155275	34.18	ng	98
37) 2-Methylnaphthalene	8.87	142	346461	34.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	159643	35.22	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	13544	6.35	ng	98

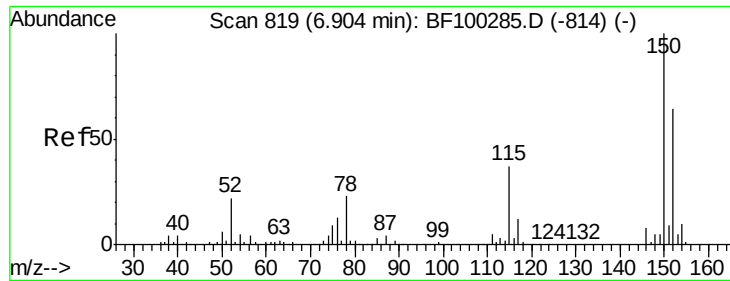
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	109990	38.28	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	109691	36.85	nq	92
45) 1,1'-Biphenyl	9.33	154	402947	34.09	nq	97
46) 2-Chloronaphthalene	9.36	162	311451	36.32	nq	97
47) 2-Nitroaniline	9.46	65	94393	37.87	nq	92
48) Acenaphthylene	9.77	152	471566	33.18	nq	99
49) Dimethylphthalate	9.63	163	391839	37.55	nq	99
50) 2,6-Dinitrotoluene	9.70	165	78342	37.92	nq	# 79
51) Acenaphthene	9.95	154	274350	31.74	nq	98
52) 3-Nitroaniline	9.86	138	71679	29.38	nq	94
53) 2,4-Dinitrophenol	9.97	184	2843	12.06	nq	# 13
54) Dibenzofuran	10.12	168	410915	33.92	nq	98
55) 4-Nitrophenol	10.02	139	104665	52.84	nq	93
56) 2,4-Dinitrotoluene	10.10	165	96291	36.95	nq	# 91
57) Fluorene	10.46	166	306933	34.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	78953	32.36	nq	# 85
59) Diethylphthalate	10.33	149	347518	33.28	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	156715	35.99	nq	90
61) 4-Nitroaniline	10.47	138	72911	31.52	nq	88
62) Azobenzene	10.61	77	319174	32.45	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	6959	13.77	nq	80
65) n-Nitrosodiphenylamine	10.57	169	289070	38.20	nq	96
66) 4-Bromophenyl-phenylether	10.94	248	93469	40.06	nq	# 88
67) Hexachlorobenzene	11.01	284	88677	36.34	nq	# 82
68) Atrazine	11.09	200	87178	38.06	nq	97
69) Pentachlorophenol	11.20	266	77546	44.32	nq	99
70) Phenanthrene	11.42	178	400144	34.92	nq	98
71) Anthracene	11.47	178	393506	33.85	nq	100
72) Carbazole	11.63	167	339195	31.62	nq	99
73) Di-n-butylphthalate	11.95	149	470377	37.47	nq	98
74) Fluoranthene	12.61	202	359204	29.58	nq	97
76) Benzidine	12.73	184	105850	17.10	nq	98
77) Pyrene	12.84	202	360381	32.71	nq	99
79) Butylbenzylphthalate	13.45	149	141014	31.38	nq	90
80) Benzo(a)anthracene	14.03	228	331198	35.58	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	110118	33.02	nq	# 96
82) Chrysene	14.06	228	315135	34.96	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	193485	32.74	nq	100
84) Di-n-octyl phthalate	14.62	149	342152	33.70	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	217771	29.87	nq	95
87) Benzo(b)fluoranthene	15.08	252	304768	36.68	nq	98
88) Benzo(k)fluoranthene	15.11	252	282002	35.92	nq	# 95
89) Benzo(a)pyrene	15.45	252	263797	35.81	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	186719	31.00	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	172004	29.17	nq	# 93

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

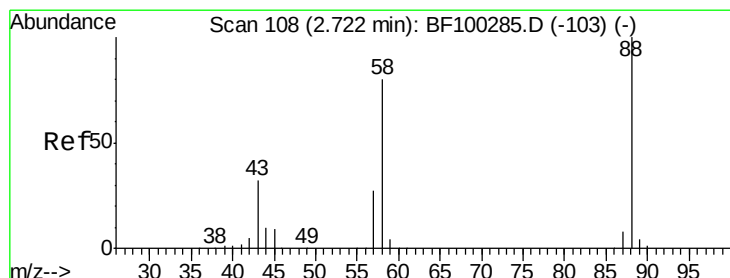
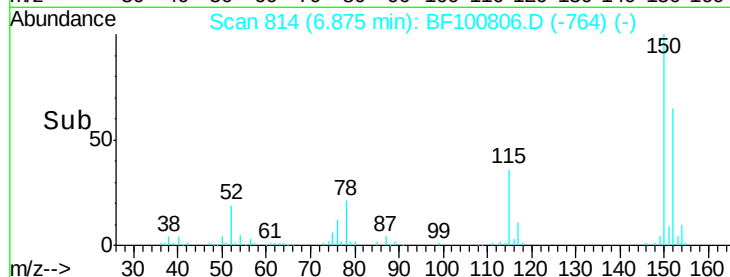
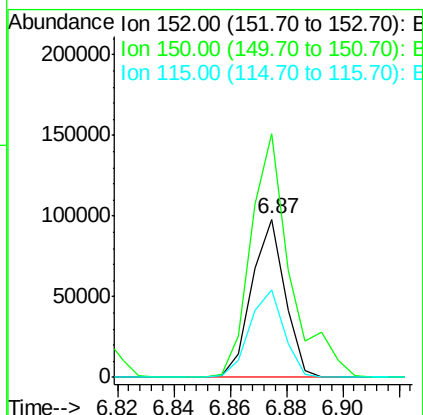
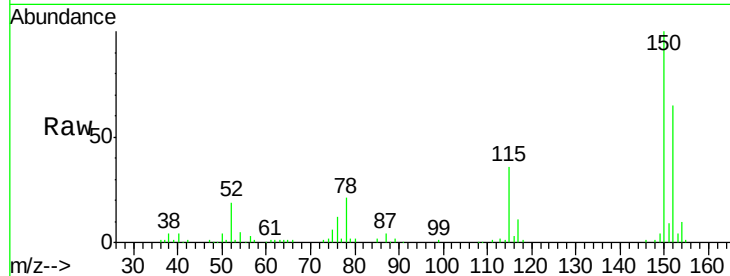


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :

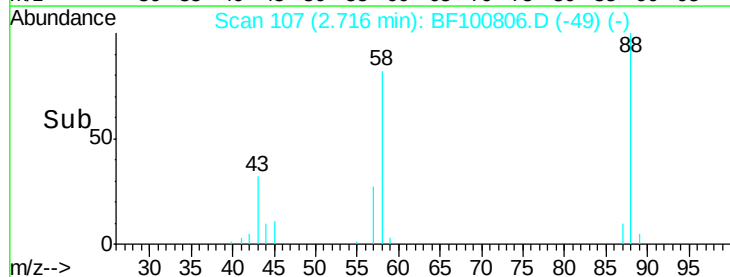
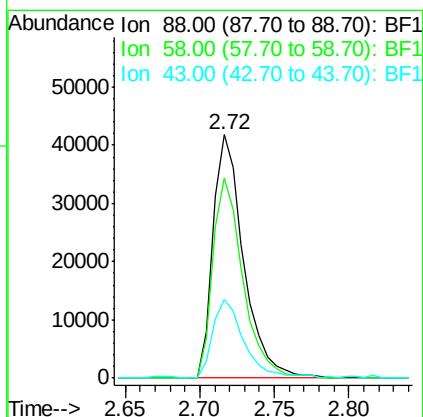
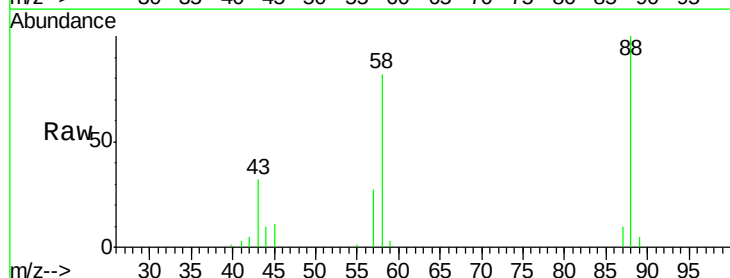
Tot Ion:152 Resp: 80561
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 55.5 50.1 75.1

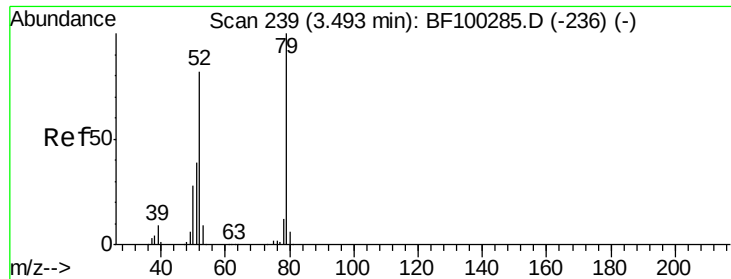


#2

1,4-Dioxane
Concen: 24.42 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.04 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion: 88 Resp: 59815
Ion Ratio Lower Upper
88 100
58 81.1 62.6 93.8
43 32.9 24.6 37.0

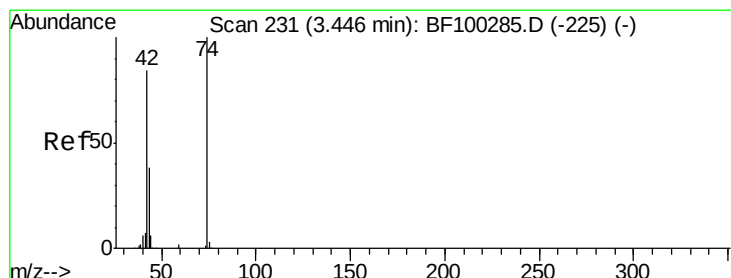
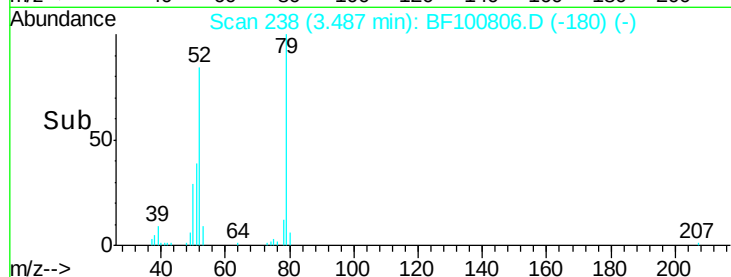
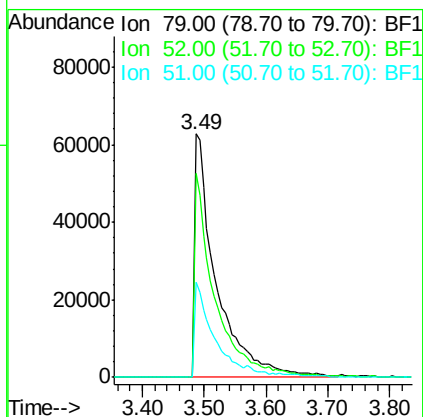
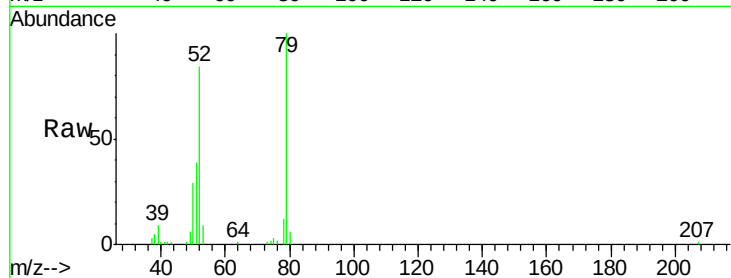




#3
 Pvridine
 Concen: 22.78 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.04 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

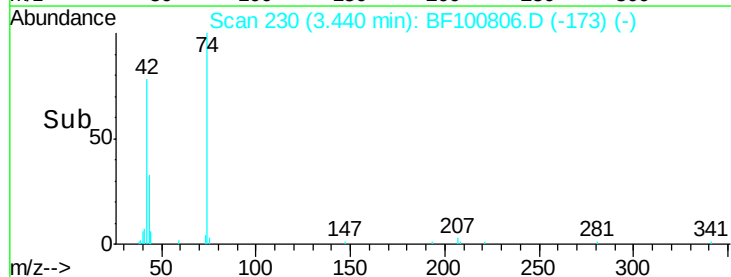
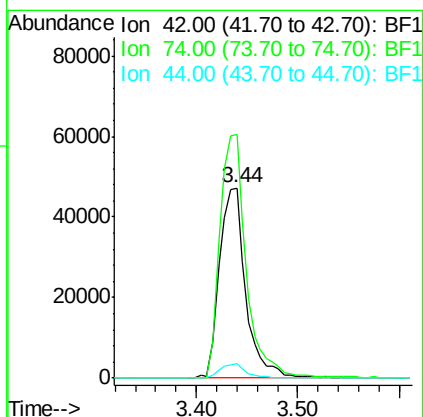
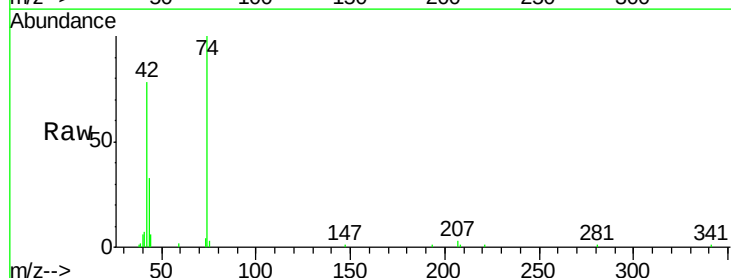
Instrument :
 BNA_F
 ClientSampleId :

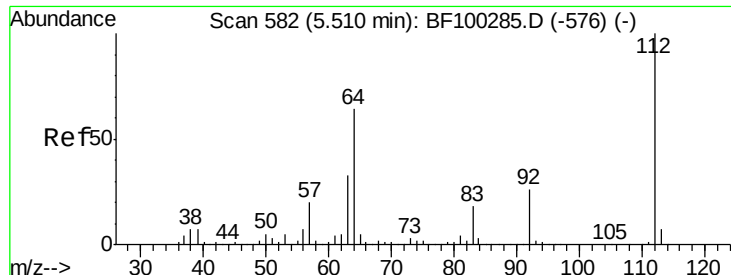
Tot Ion: 79 Resp: 152213
 Ion Ratio Lower Upper
 79 100
 52 83.6 59.8 89.6
 51 39.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.23 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.04 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion: 42 Resp: 85085
 Ion Ratio Lower Upper
 42 100
 74 127.9 104.9 157.3
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 95.05 ng

RT: 5.50 min Scan# 580

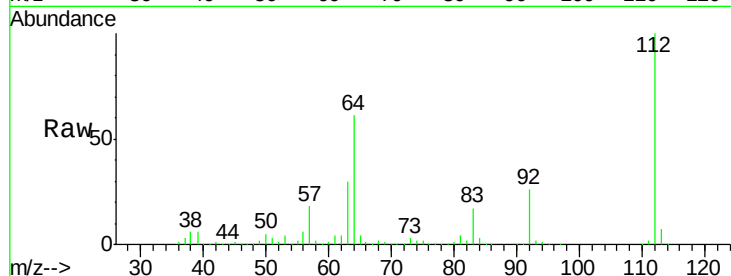
Delta R.T. 0.01 min

Lab File: BF100806.D

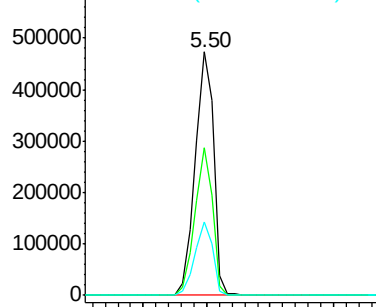
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :

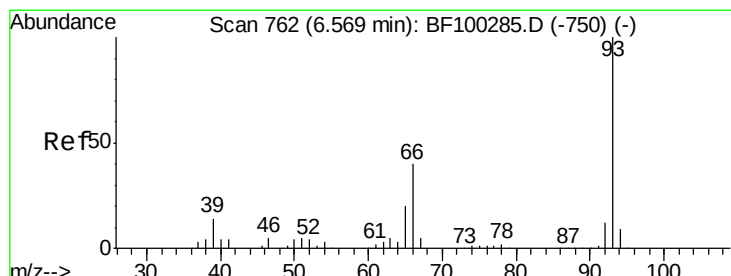
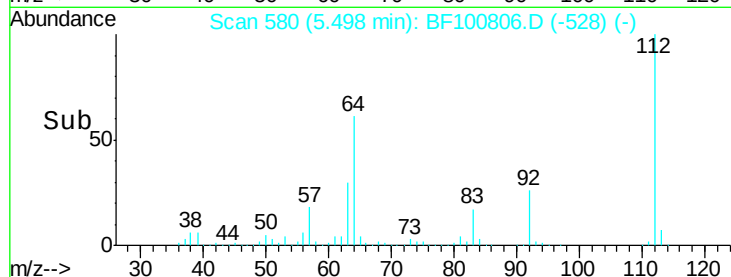
Tot Ion:	112	Resp:	477698
Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.3	23.7	35.5



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



Time-->



#6

Aniline

Concen: 15.80 ng

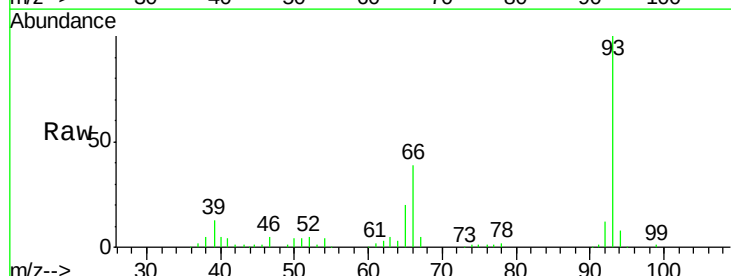
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

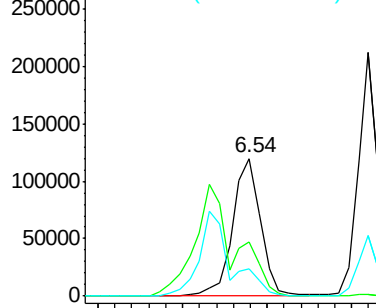
Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

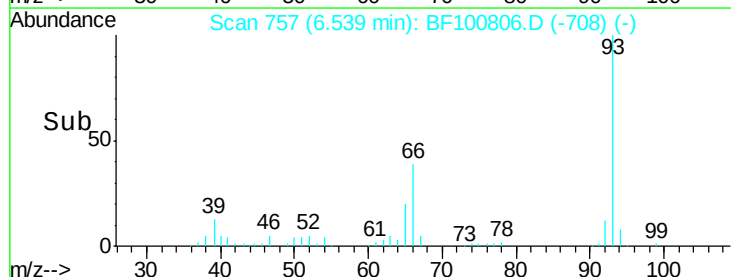
Tgt Ion:	93	Resp:	138327
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.2	48.2
65	19.6	16.4	24.6

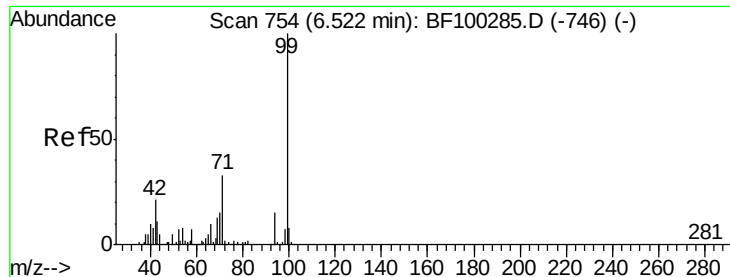


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 93.56 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

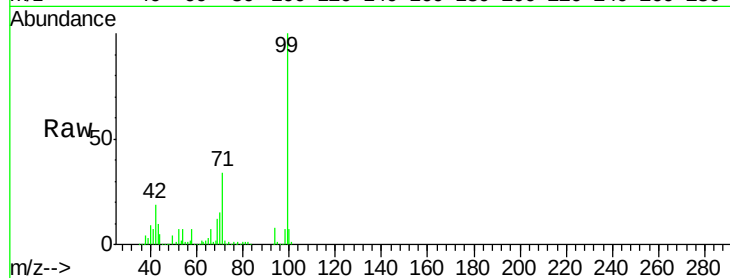
Tot Ion: 99 Resp: 579820

Ion Ratio Lower Upper

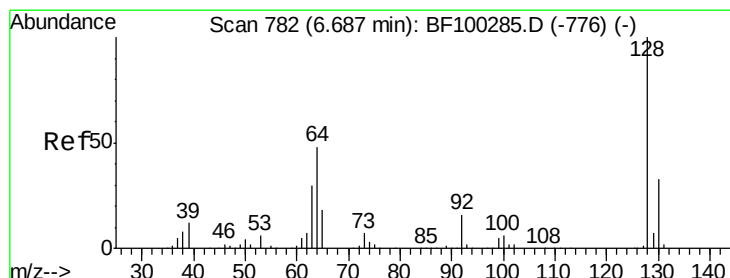
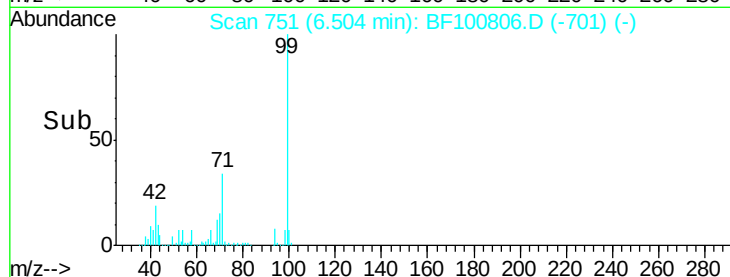
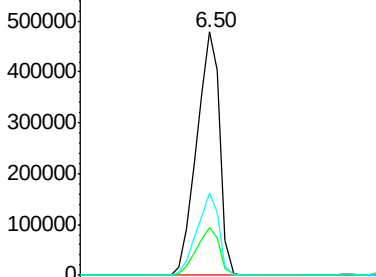
99 100

42 19.4 14.5 21.7

71 33.8 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: 33.78 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

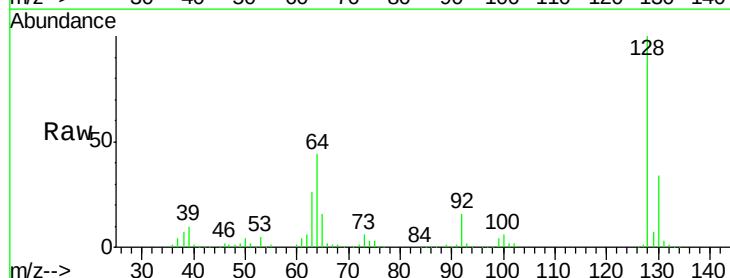
Tgt Ion: 128 Resp: 179582

Ion Ratio Lower Upper

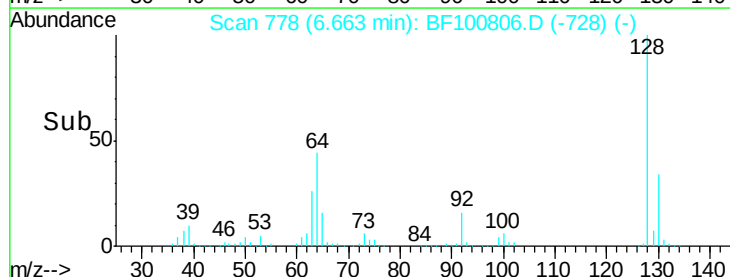
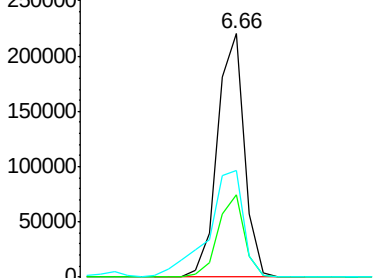
128 100

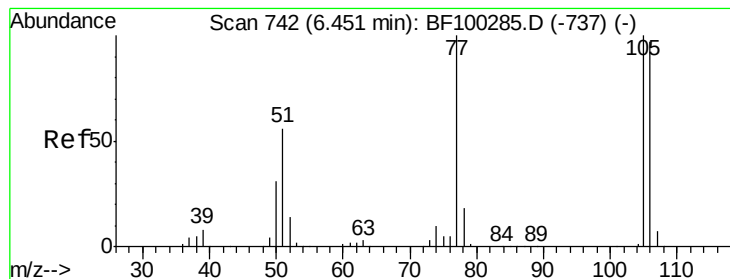
130 33.8 13.0 53.0

64 43.6 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: 15.51 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

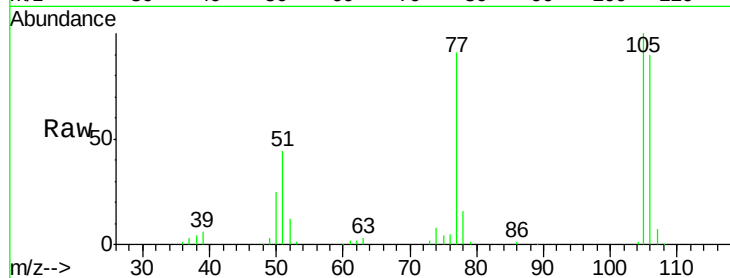
Tot Ion: 77 Resp: 68638

Ion Ratio Lower Upper

77 100

105 109.8 81.1 121.1

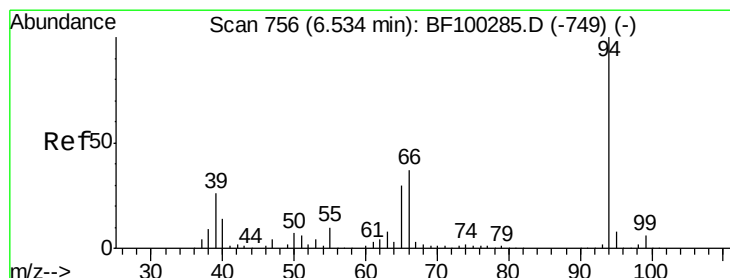
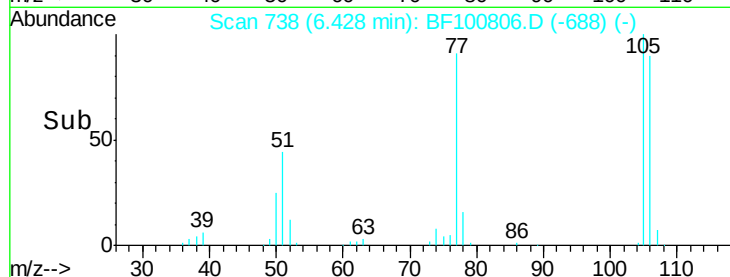
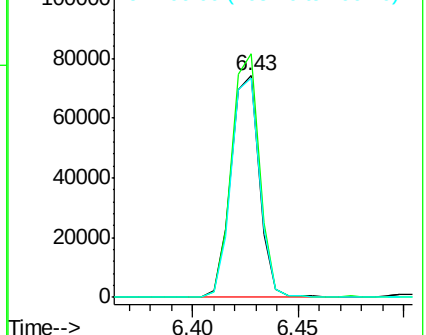
106 98.7 74.5 114.5



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: 37.04 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

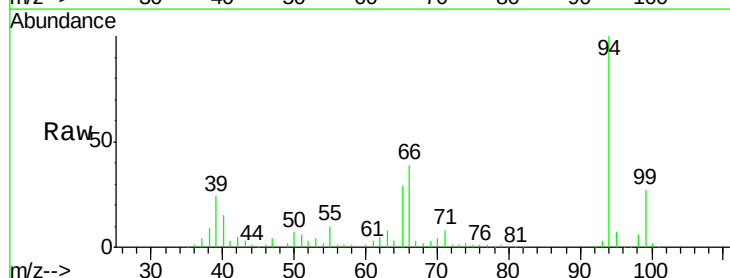
Tgt Ion: 94 Resp: 240992

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

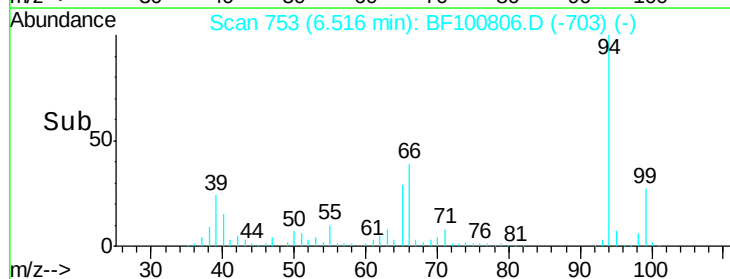
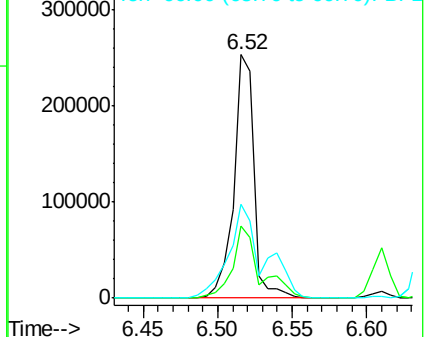
66 38.6 16.2 56.2

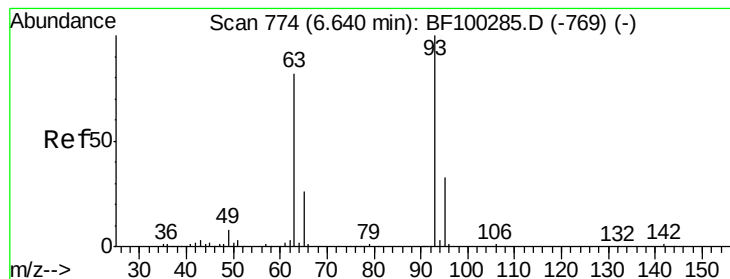


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.24 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

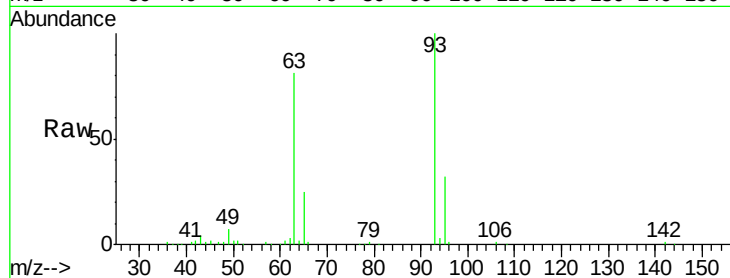
Tot Ion: 93 Resp: 165254

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

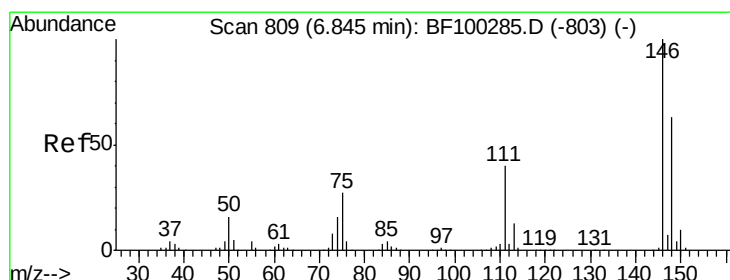
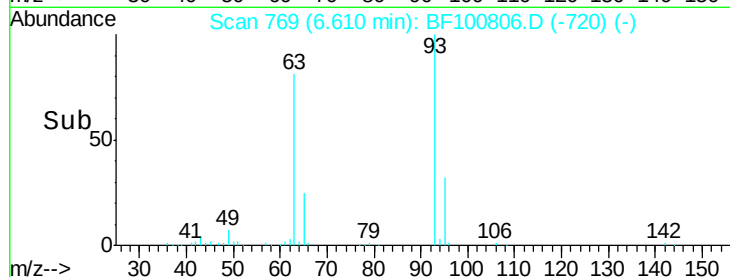
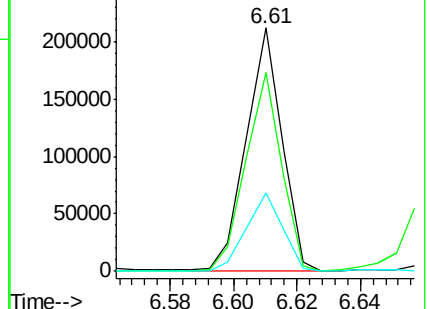
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.51 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

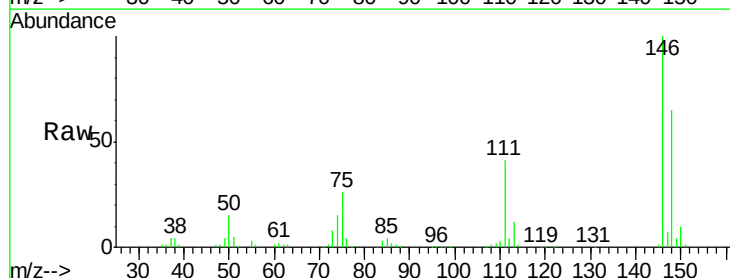
Tgt Ion: 146 Resp: 199302

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

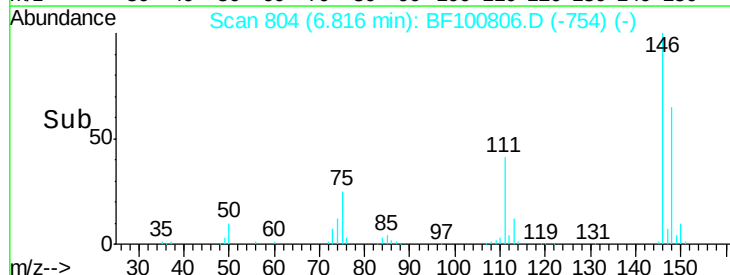
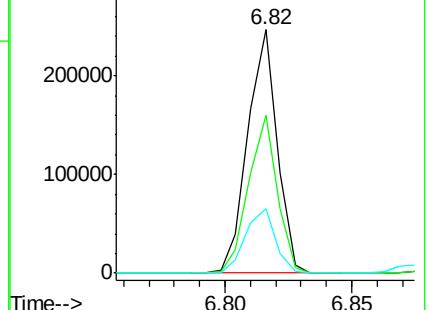
75 26.3 24.2 36.4

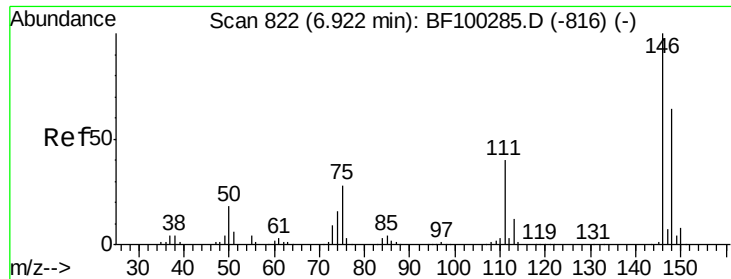


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

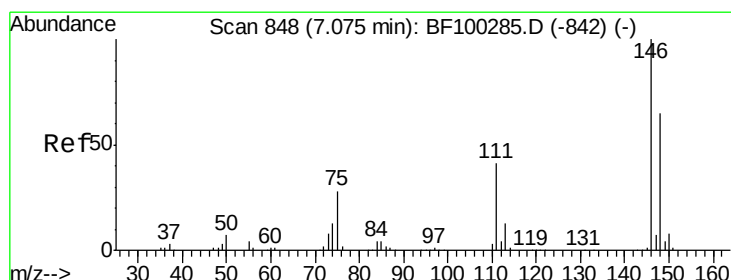
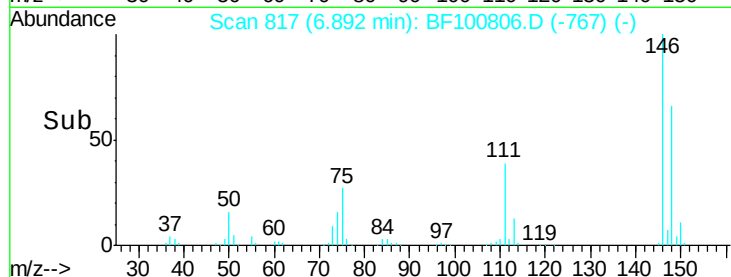
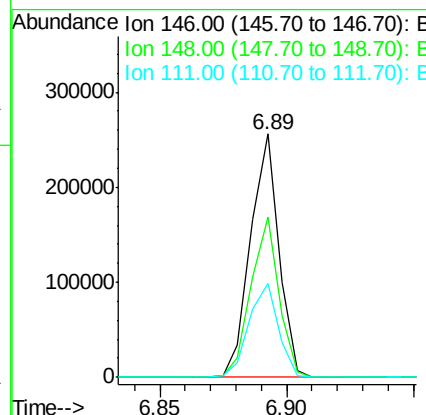
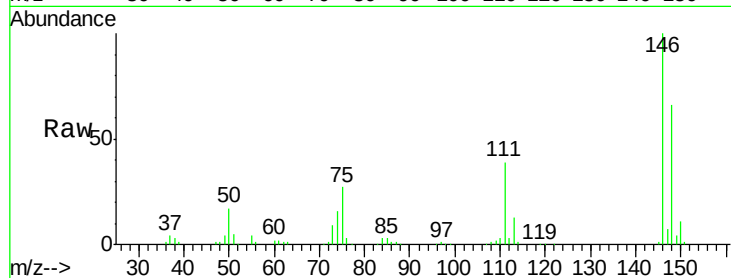




#13
1,4-Dichlorobenzene
Concen: 32.21 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

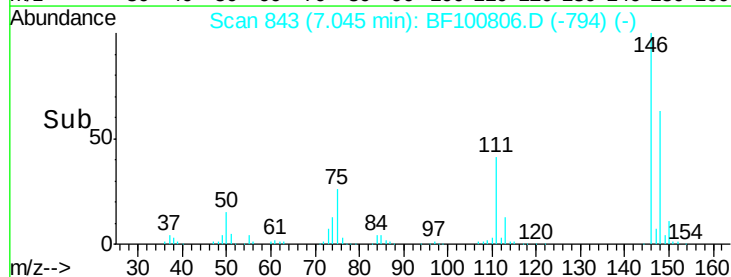
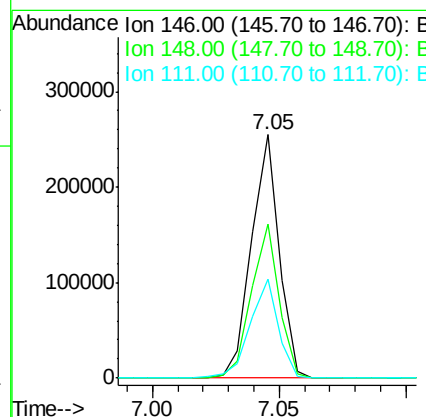
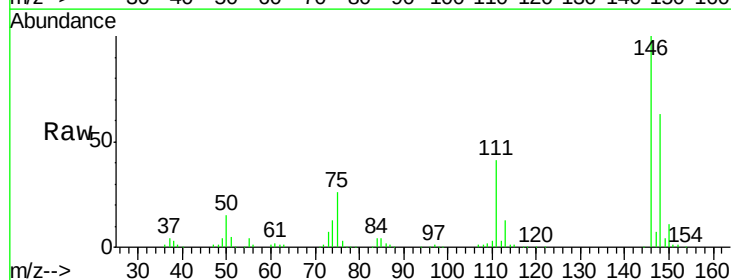
Instrument :
BNA_F
ClientSampleId :

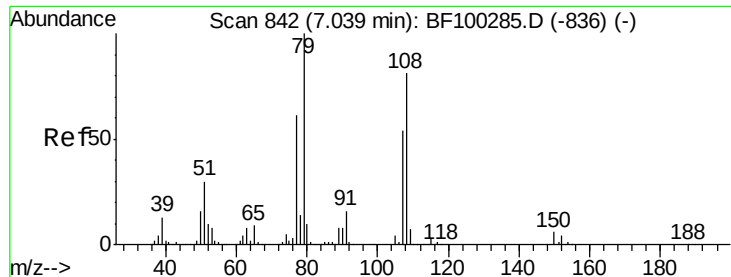
Tot Ion:146 Resp: 199811
Ion Ratio Lower Upper
146 100
148 65.7 50.8 76.2
111 38.6 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 33.79 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:146 Resp: 193850
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 40.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 31.10 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

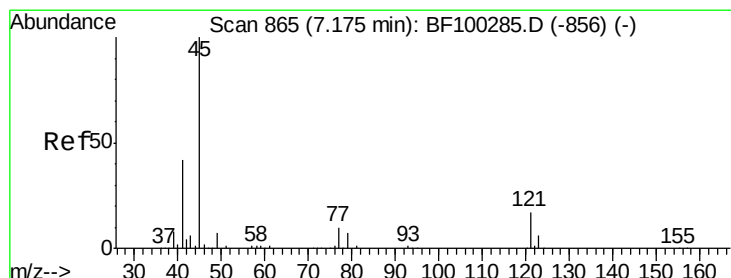
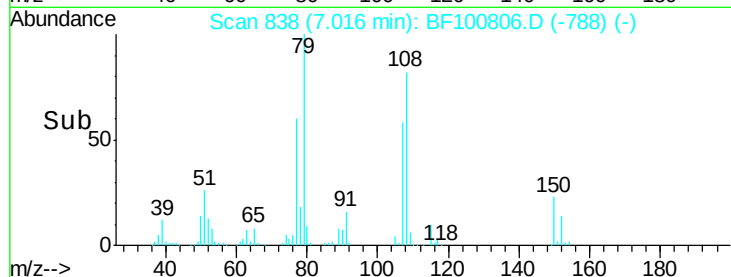
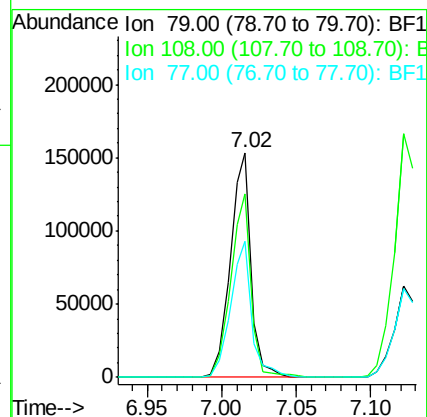
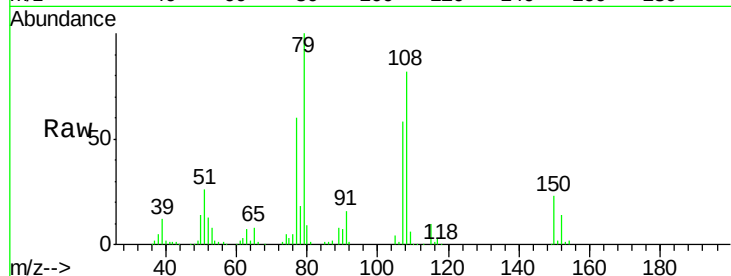
Tot Ion: 79 Resp: 150417

Ion Ratio Lower Upper

79 100

108 81.8 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.71 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

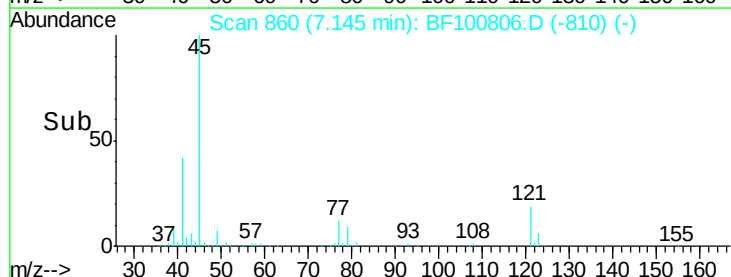
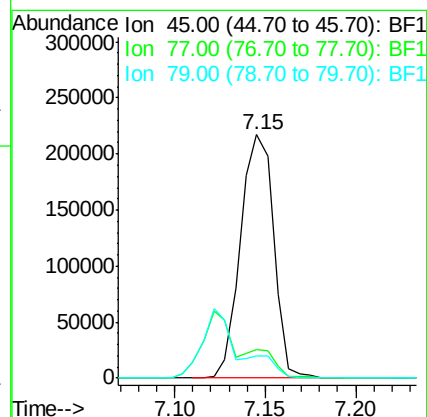
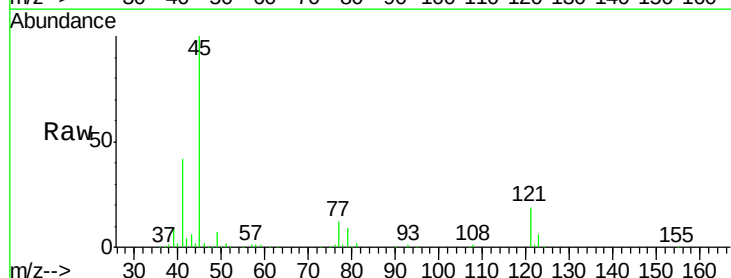
Tgt Ion: 45 Resp: 277120

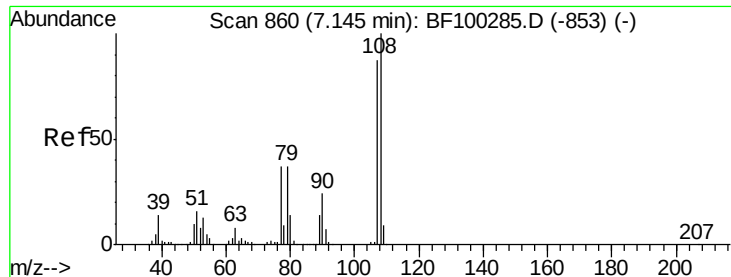
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.2 0.0 29.6

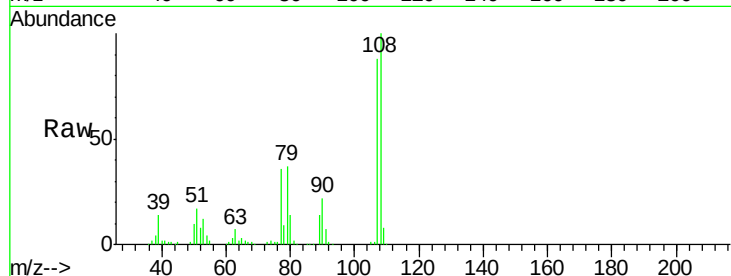




#17
2-Methylphenol
Concen: 32.68 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	41.3	33.8	50.8
79	42.7	33.8	50.8



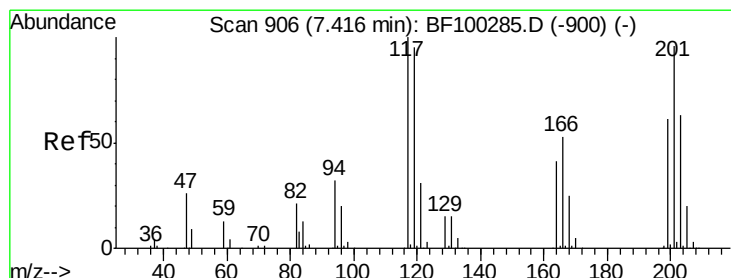
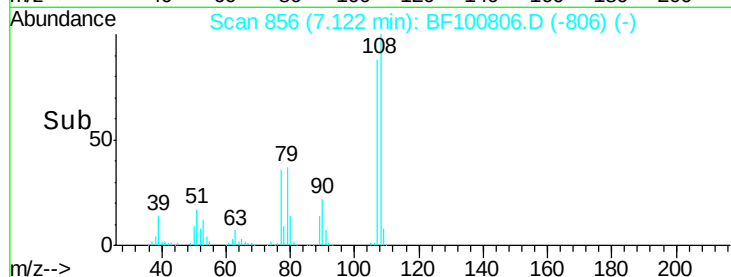
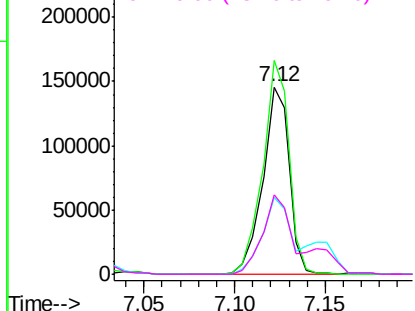
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

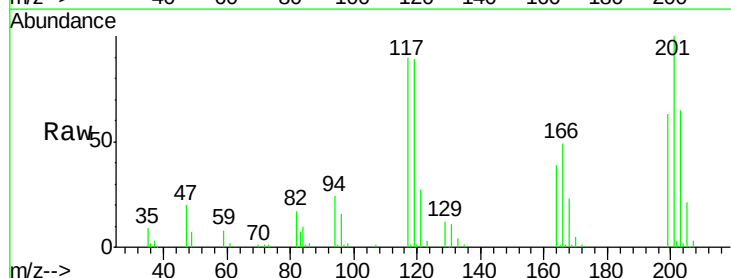
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 26.20 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.8
201	111.1	75.7	113.5

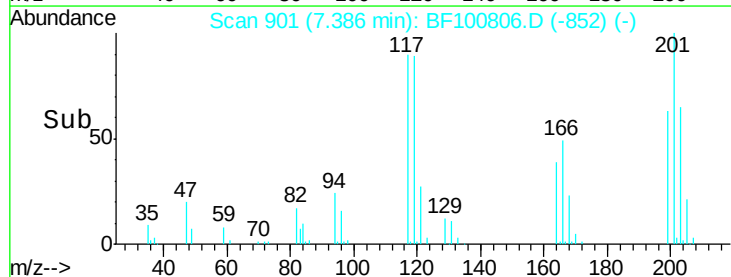
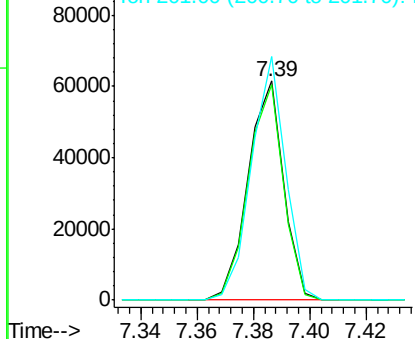


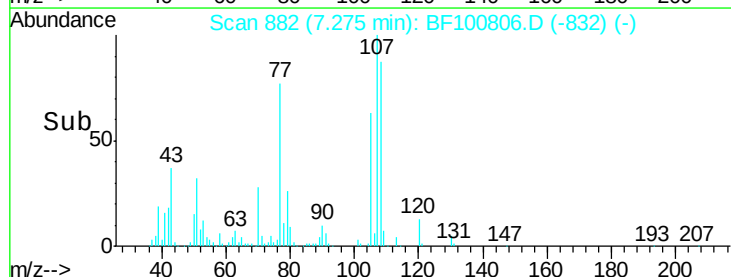
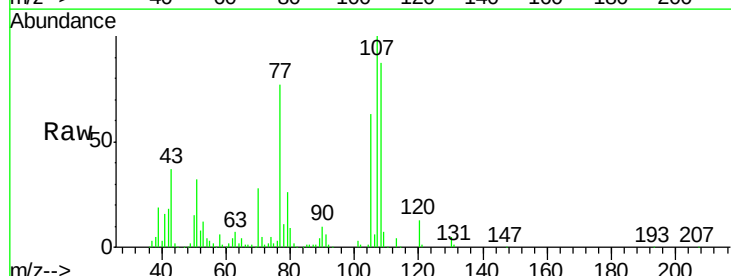
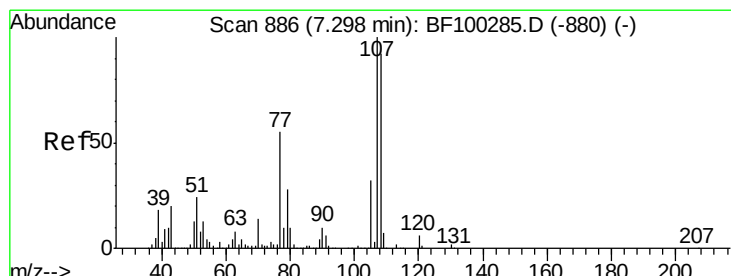
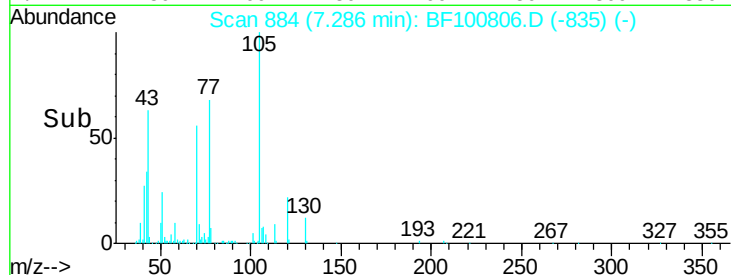
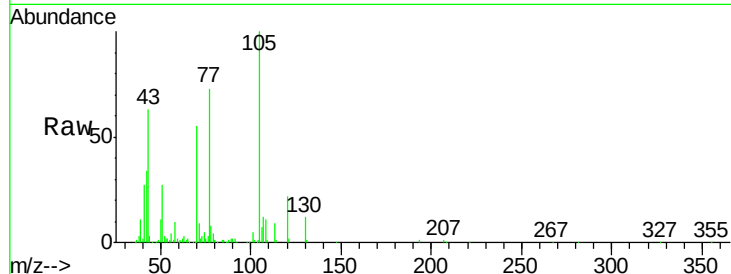
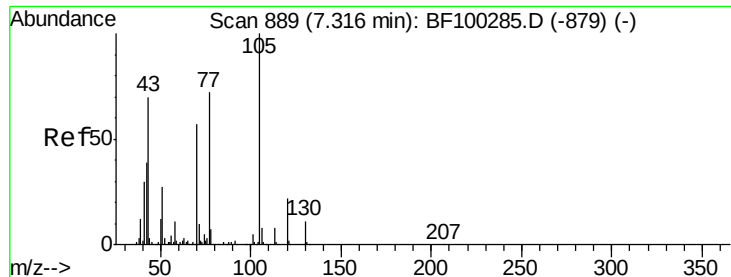
Abundance

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

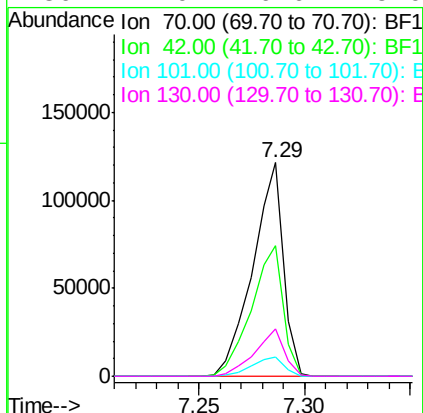




#19
n-Nitroso-di-n-propylamine
Concen: 28.45 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

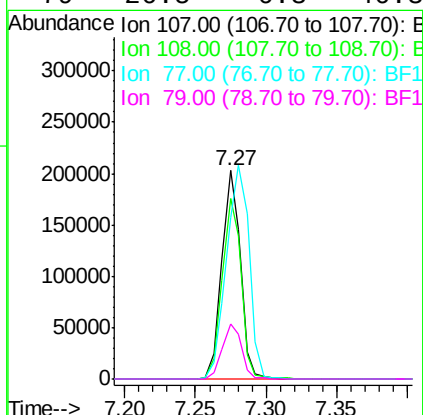
Instrument :
BNA_F
ClientSampleId :

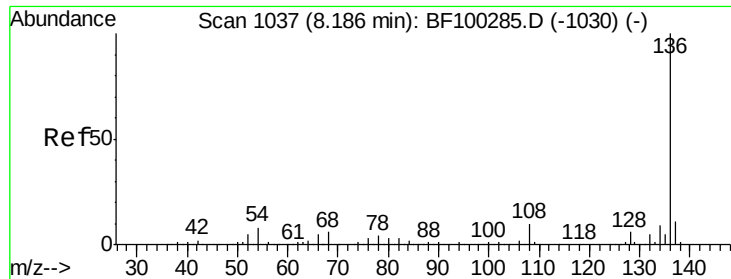
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.5	71.3
101	9.0	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.62 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	77.1	26.7	66.7#
79	26.5	6.3	46.3

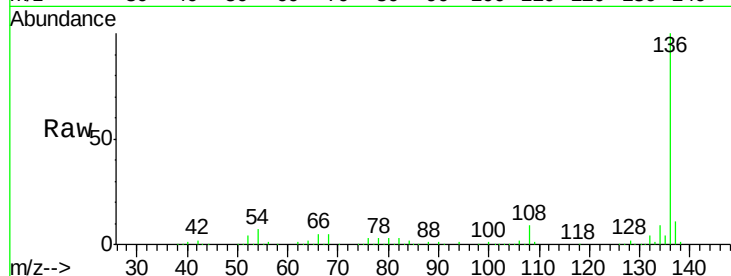




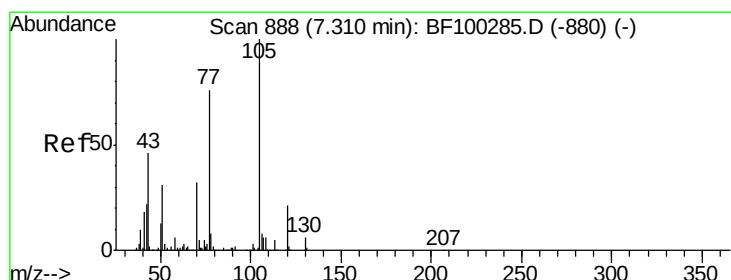
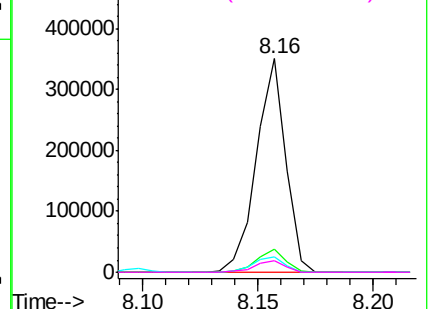
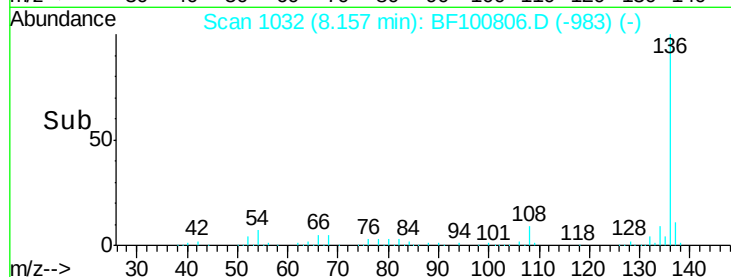
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	310970
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.4	6.6 9.8
68	5.2	5.0 7.4

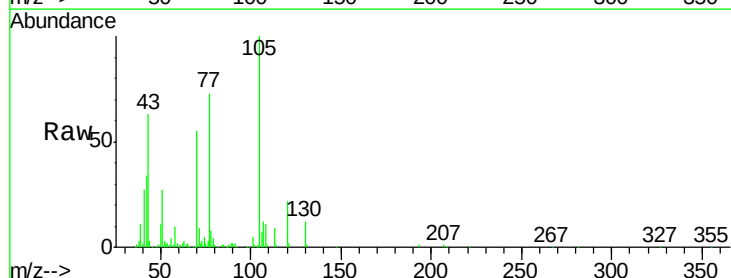


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

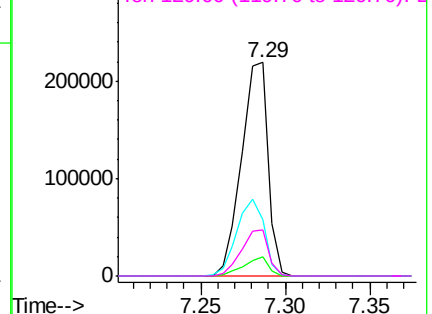
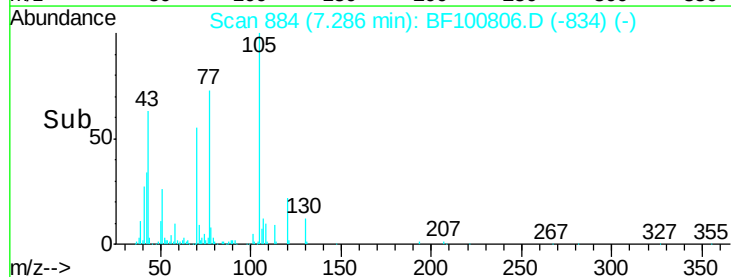


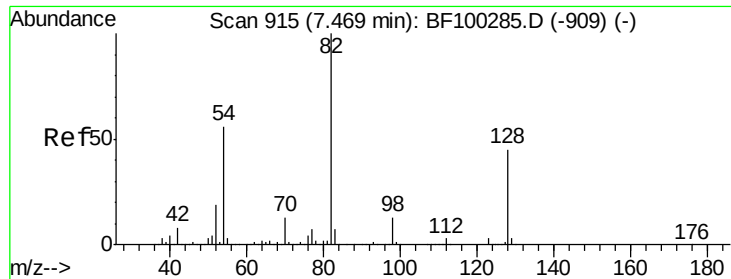
#22
Acetophenone
Concen: 31.88 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:105	Resp:	241733
Ion Ratio	Lower	Upper
105	100	
71	9.2	4.4 6.6#
51	26.7	22.3 33.5
120	21.5	16.9 25.3



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

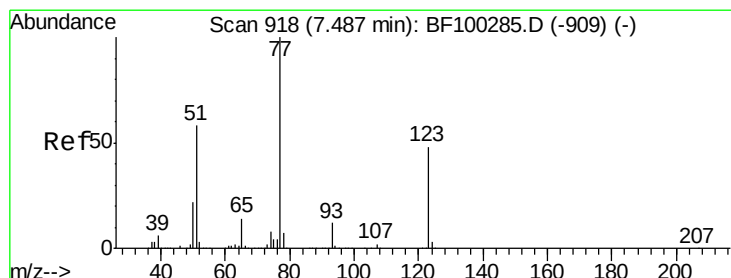
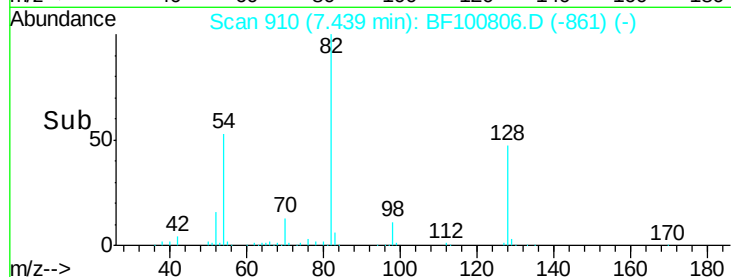
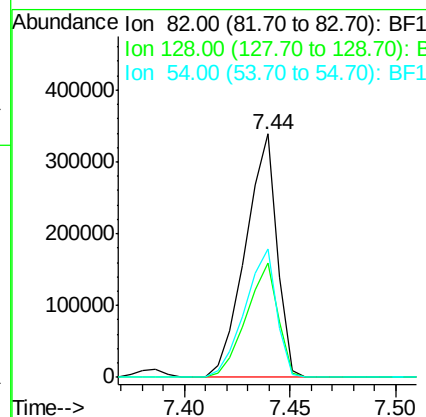
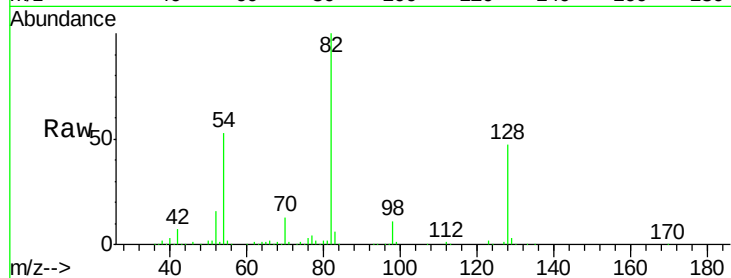




#23
 Nitrobenzene-d5
 Concen: 74.78 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

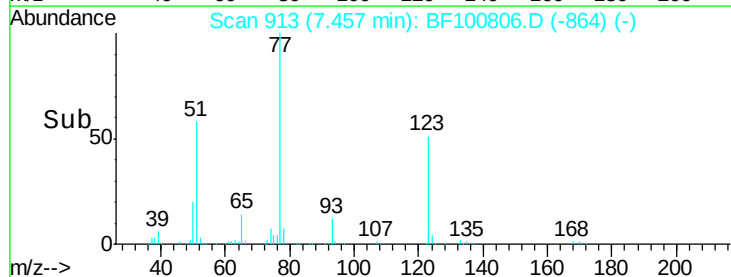
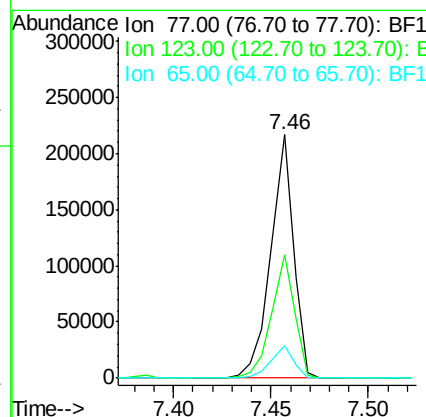
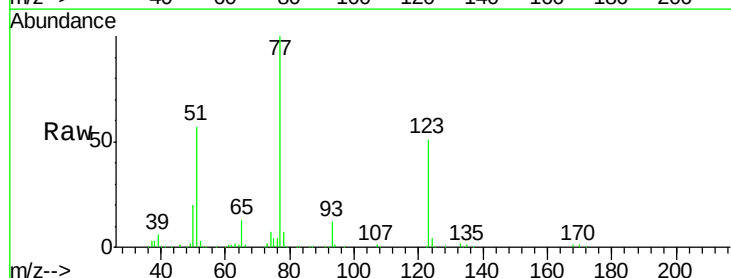
Instrument :
 BNA_F
 ClientSampled :

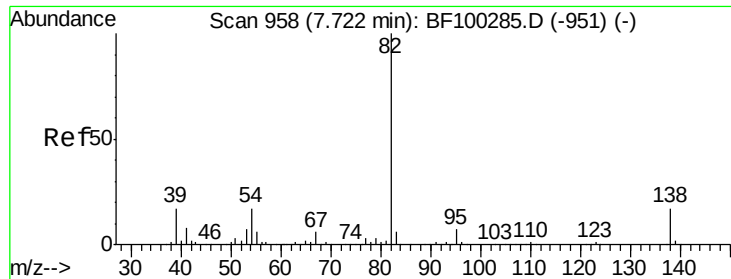
Tot Ion	82	Resp	351739
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	52.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 36.60 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	77	Resp	177196
Ion Ratio	Lower	Upper	
77	100		
123	50.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 33.08 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

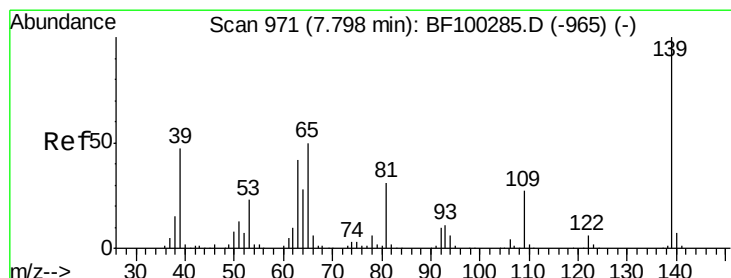
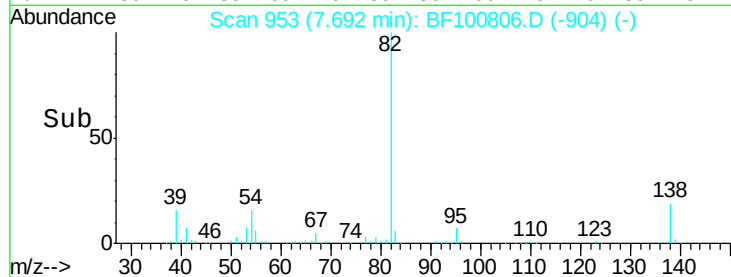
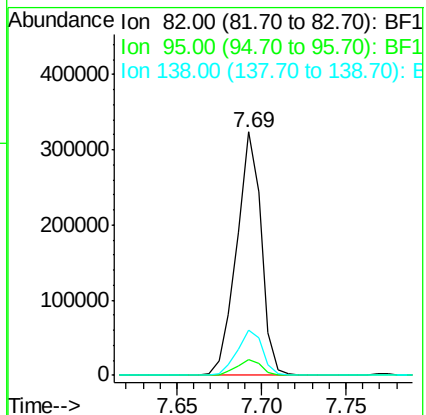
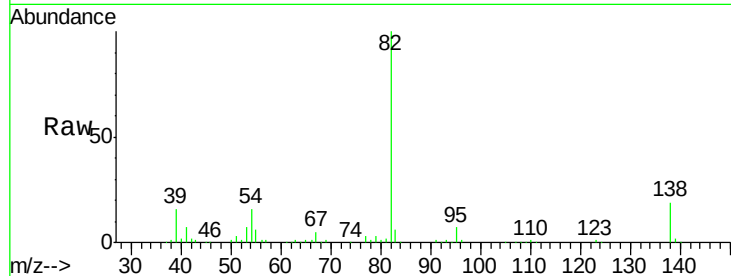
Tot Ion: 82 Resp: 326956

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 39.57 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

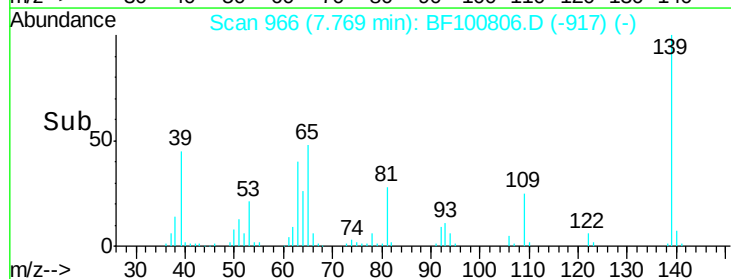
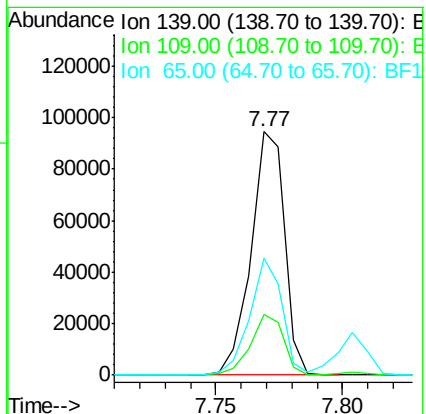
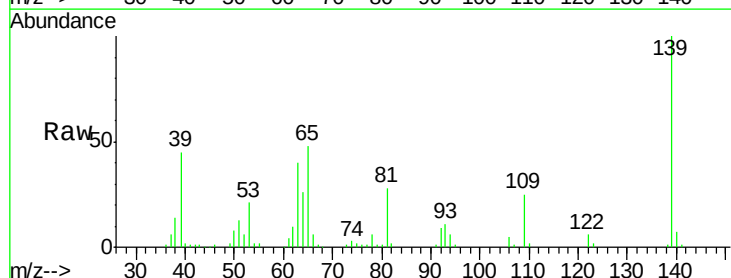
Tgt Ion: 139 Resp: 87397

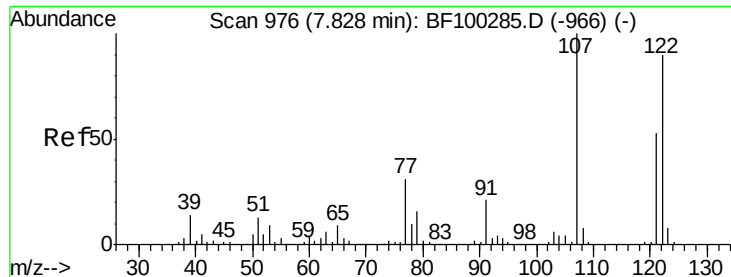
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 47.9 40.5 60.7

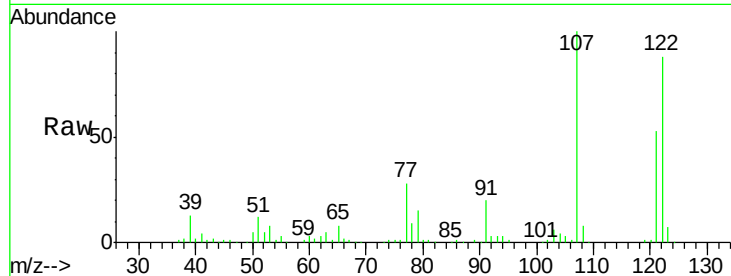




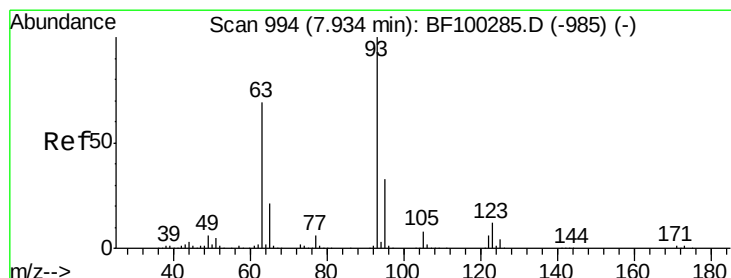
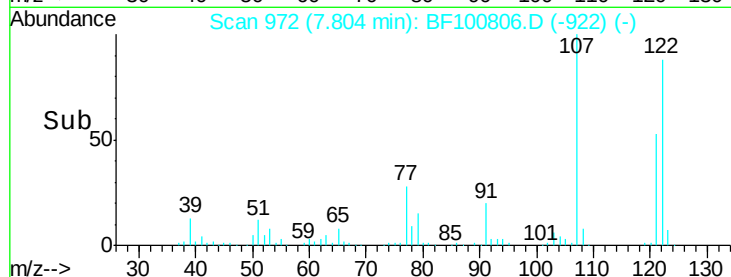
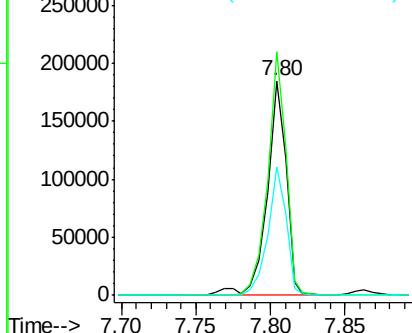
#27
2,4-Dimethylphenol
Concen: 36.80 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 163057
Ion Ratio Lower Upper
122 100
107 113.4 91.2 136.8
121 60.0 47.2 70.8

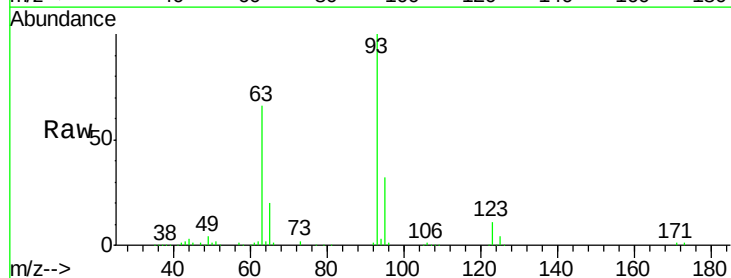


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

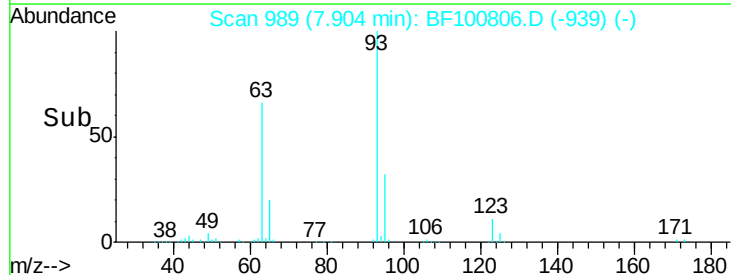
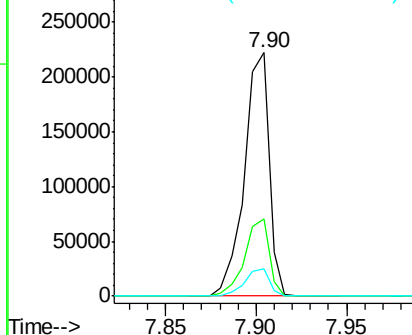


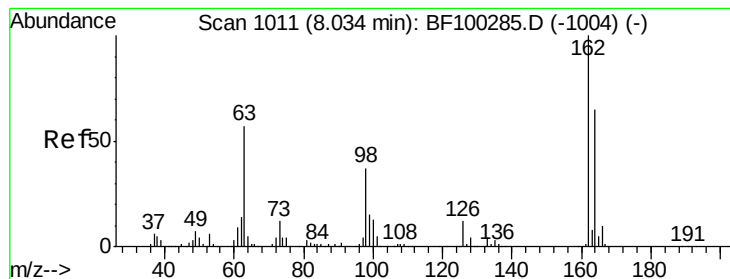
#28
bis(2-Chloroethoxy)methane
Concen: 32.61 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion: 93 Resp: 210805
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 11.3 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 36.53 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampled :

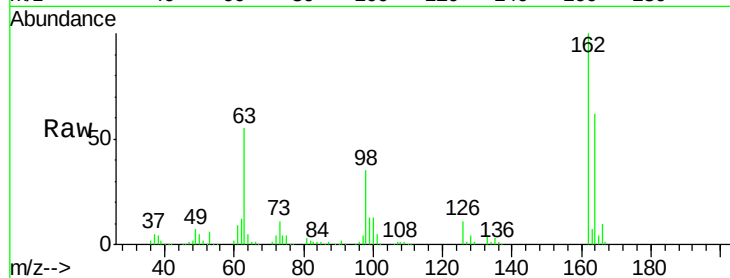
Tot Ion:162 Resp: 154538

Ion Ratio Lower Upper

162 100

164 62.1 42.7 82.7

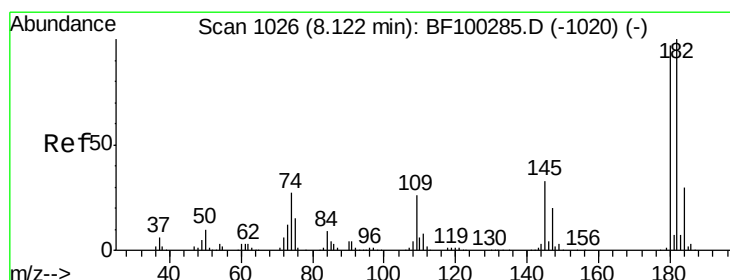
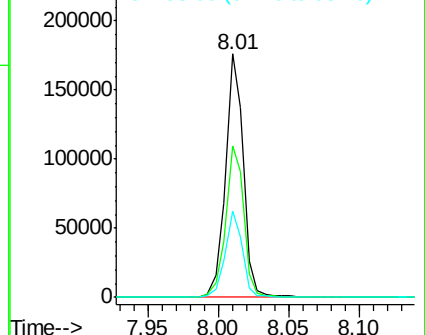
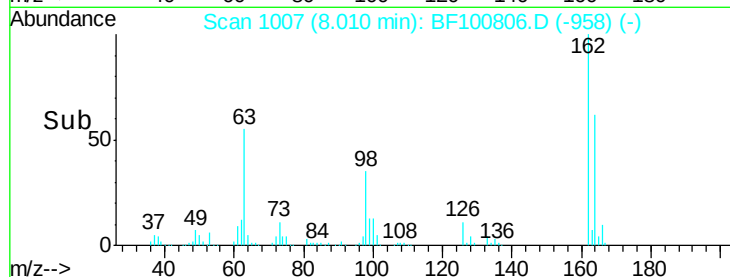
98 35.3 18.1 58.1



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: 34.98 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

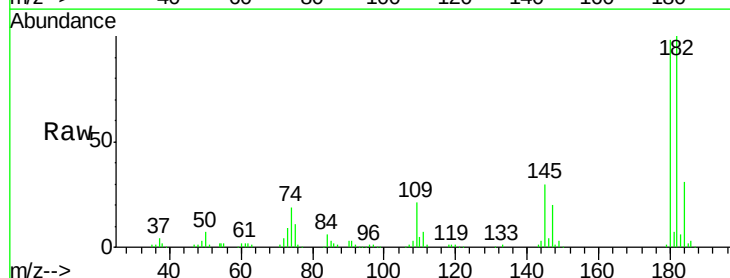
Tgt Ion:180 Resp: 160073

Ion Ratio Lower Upper

180 100

182 101.7 76.8 115.2

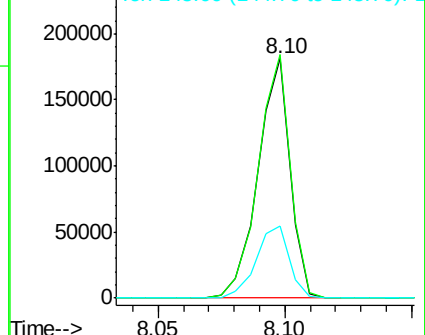
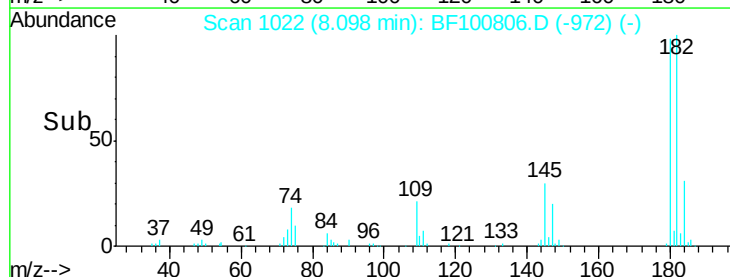
145 30.3 26.5 39.7

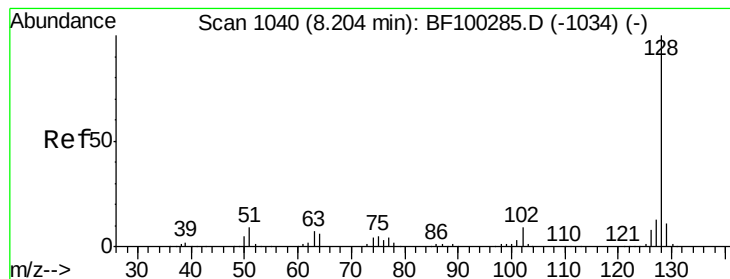


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.05 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

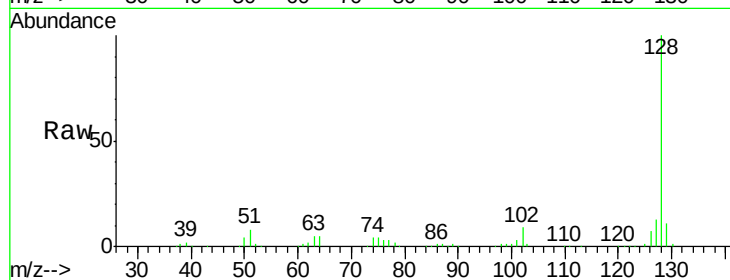
Tot Ion:128 Resp: 510027

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

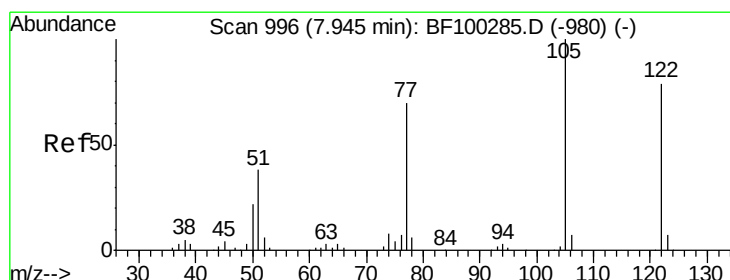
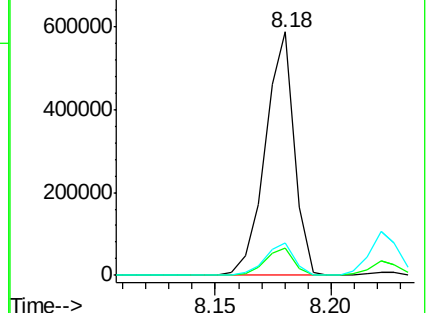
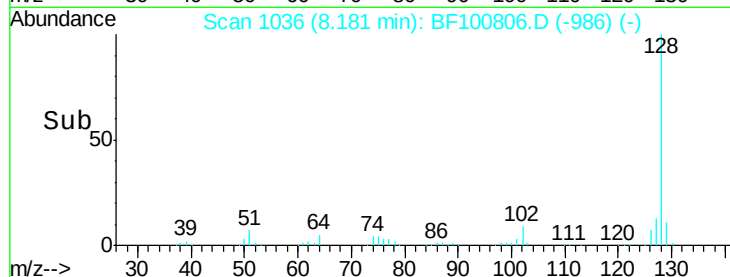
127 13.1 10.9 16.3



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: 48.05 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.13 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

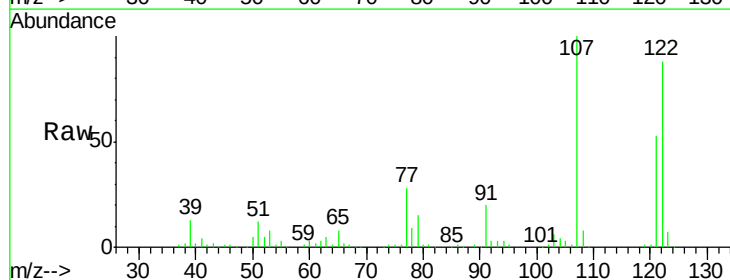
Tgt Ion:122 Resp: 163057

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

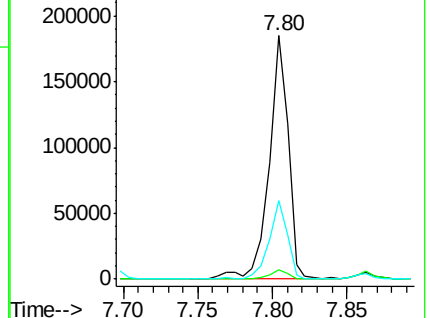
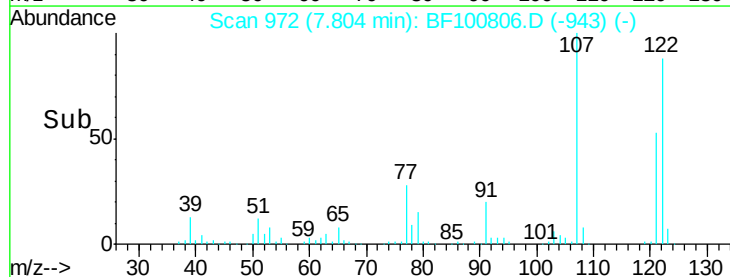
77 32.3 70.7 110.7#

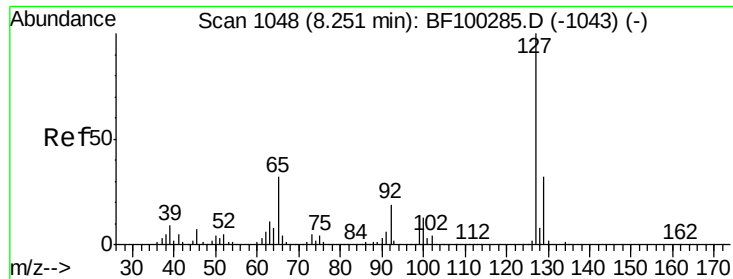


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

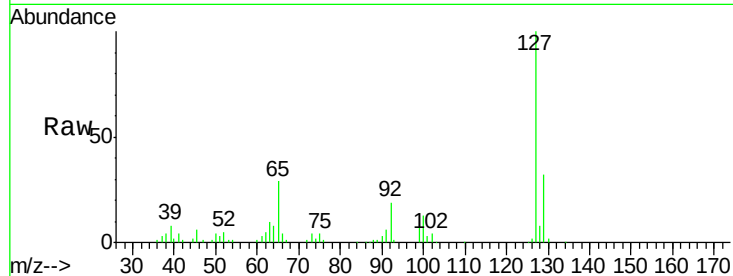




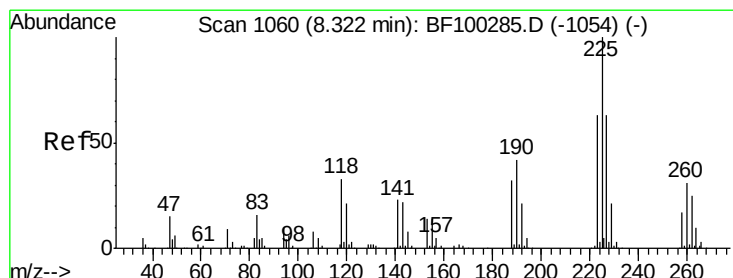
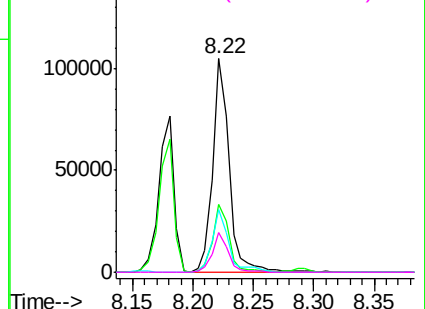
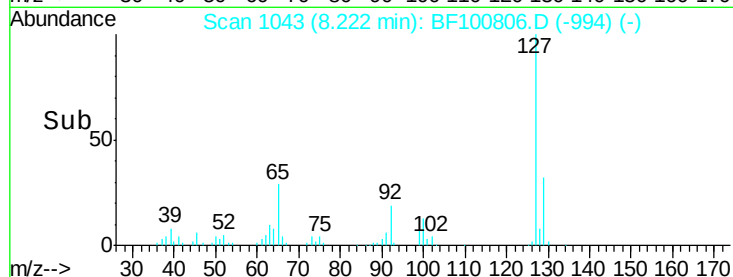
#33
4-Chloroaniline
Concen: 15.91 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	99162
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.3	25.0	37.4
92	18.9	15.2	22.8

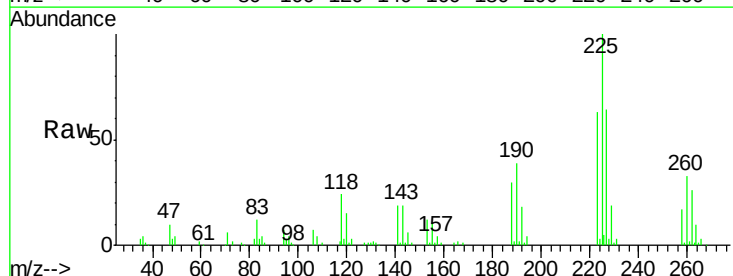


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

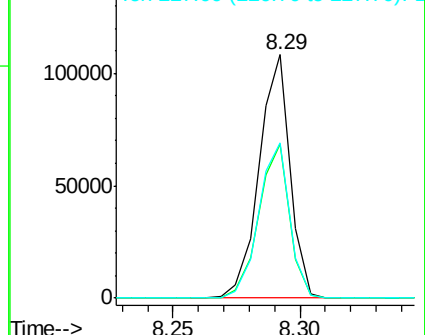
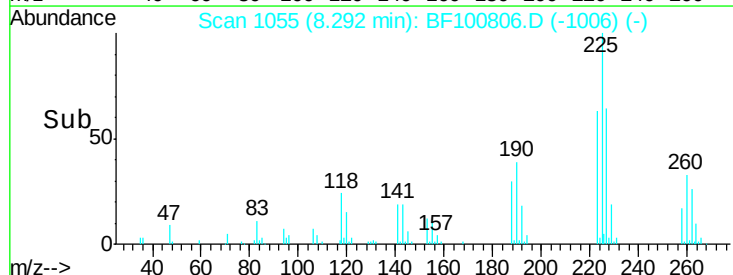


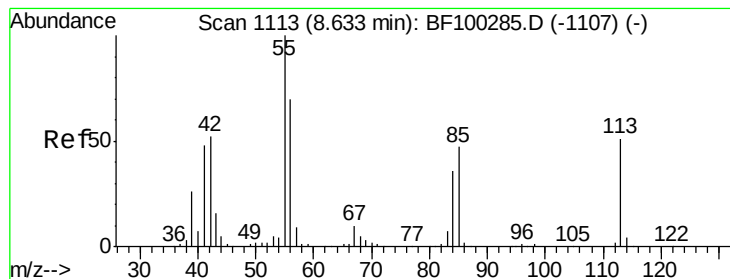
#34
Hexachlorobutadiene
Concen: 33.65 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:	225	Resp:	91544
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.8	51.9	77.9



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





#35

Caprolactam

Concen: 26.20 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampled :

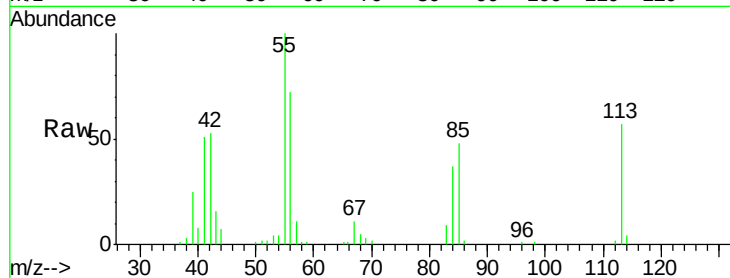
Tot Ion:113 Resp: 38032

Ion Ratio Lower Upper

113 100

55 175.8 163.3 203.3

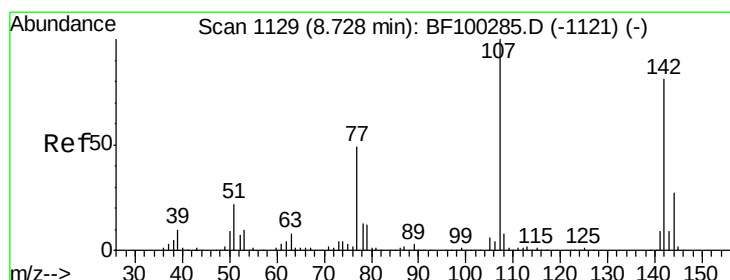
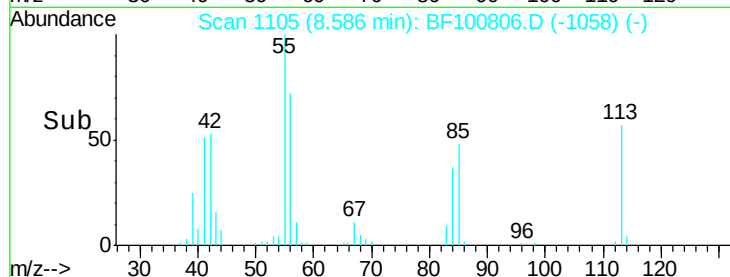
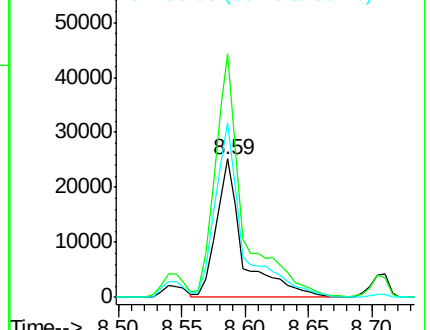
56 126.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.18 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

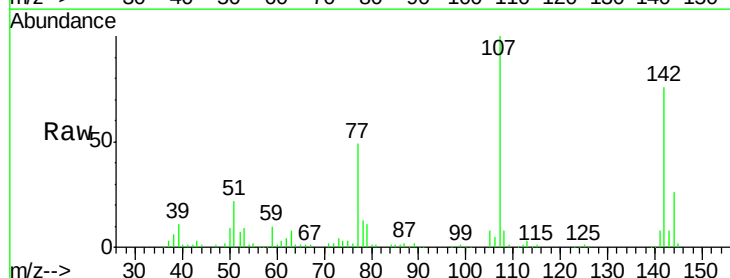
Tgt Ion:107 Resp: 155275

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

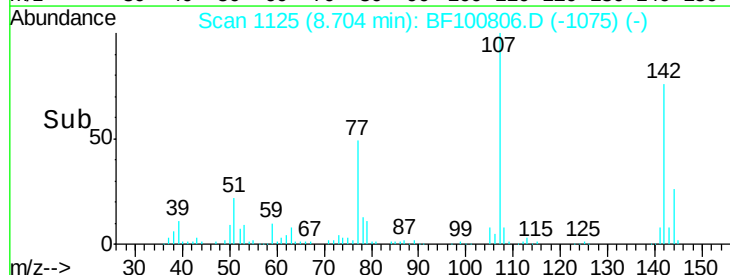
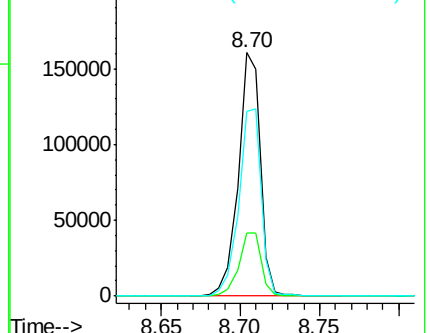
142 76.0 62.0 93.0

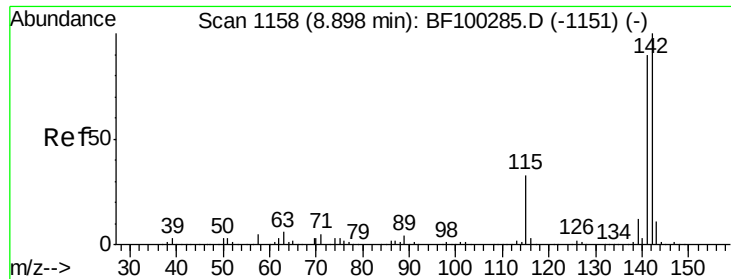


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

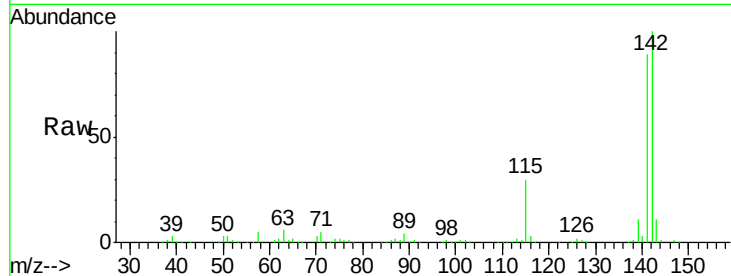




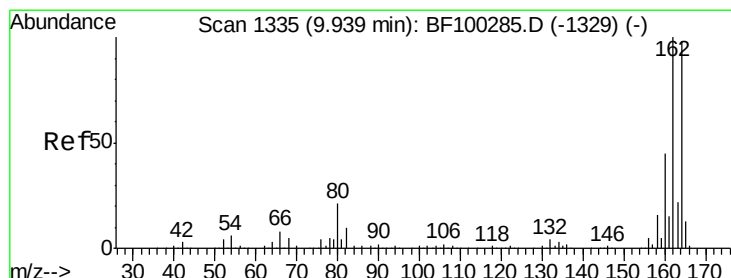
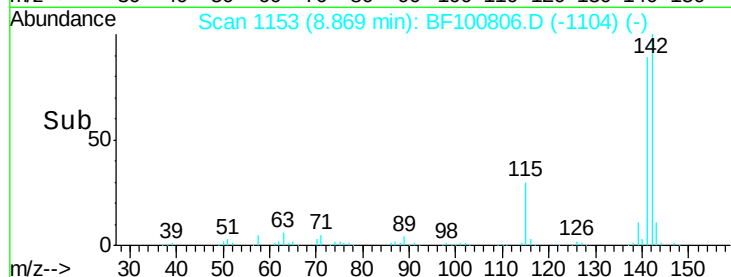
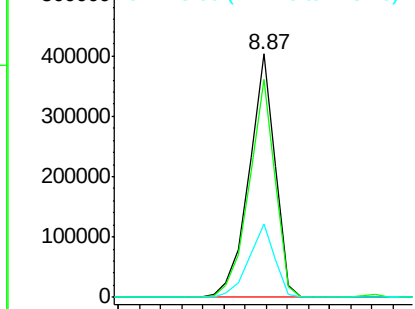
#37
2-Methylnaphthalene
Concen: 34.84 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 346461
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 30.2 26.1 39.1

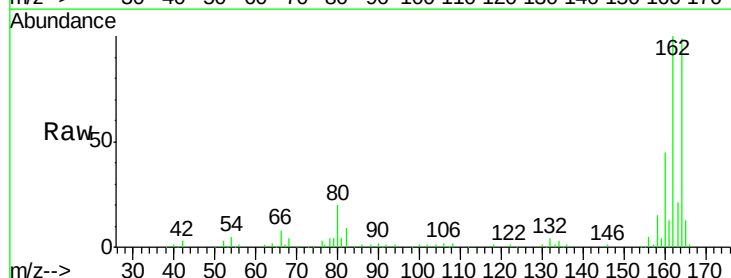


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

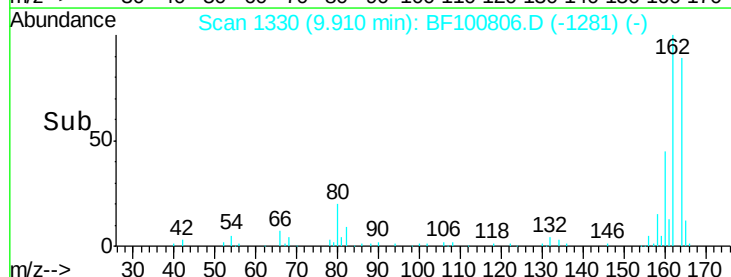
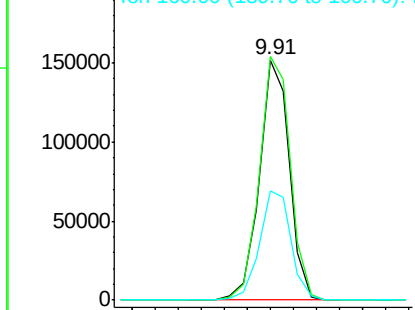


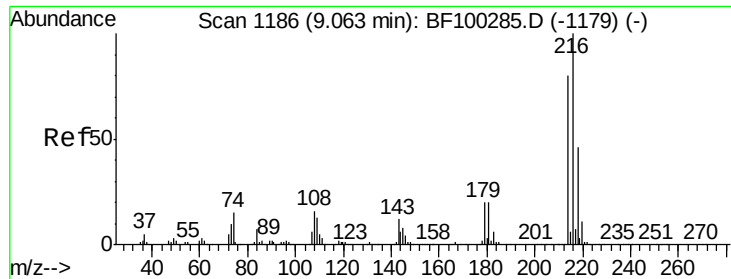
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:164 Resp: 136684
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.3 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

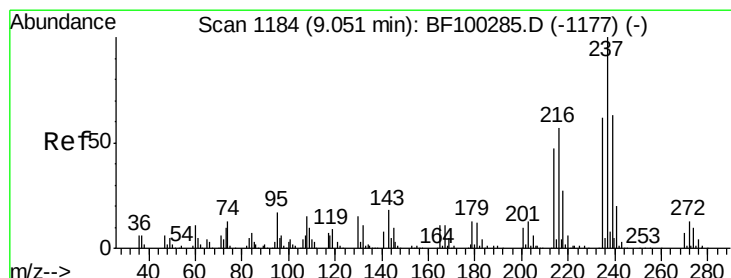
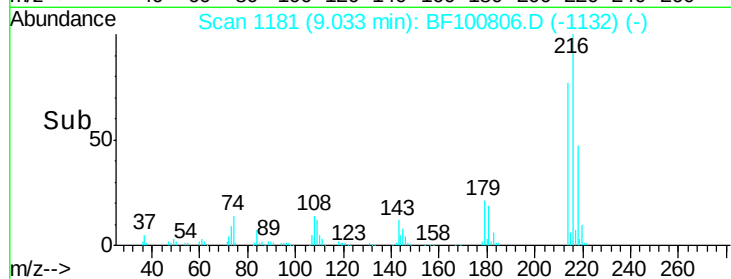
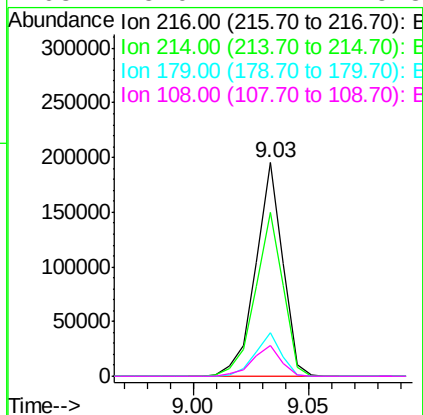
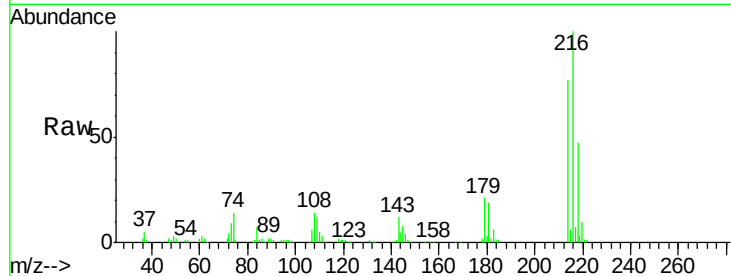




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.22 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

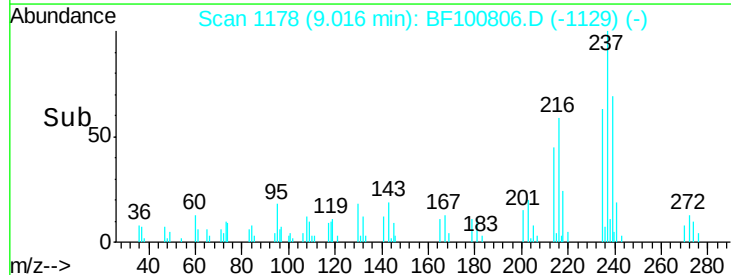
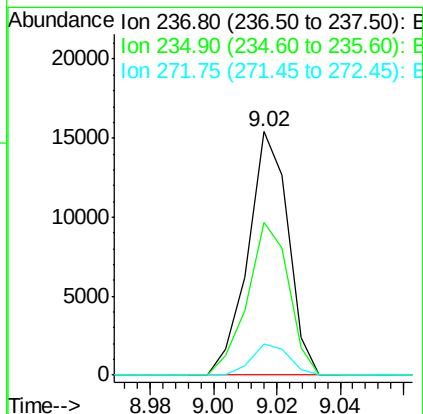
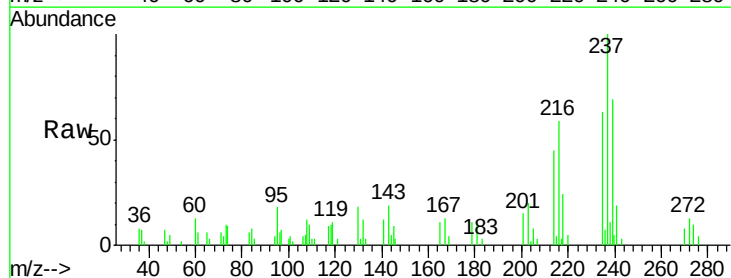
Instrument :
 BNA_F
 ClientSampleId :

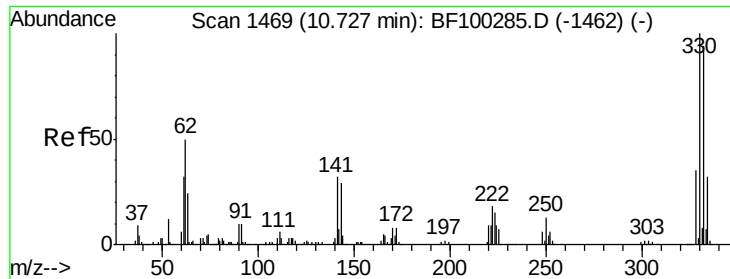
Tot Ion:	216	Resp:	159643
Ion Ratio		Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.1	18.1	27.1
108	15.0	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 6.35 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion:	237	Resp:	13544
Ion Ratio		Lower	Upper
237	100		
235	62.8	44.8	84.8
272	12.6	0.0	33.3

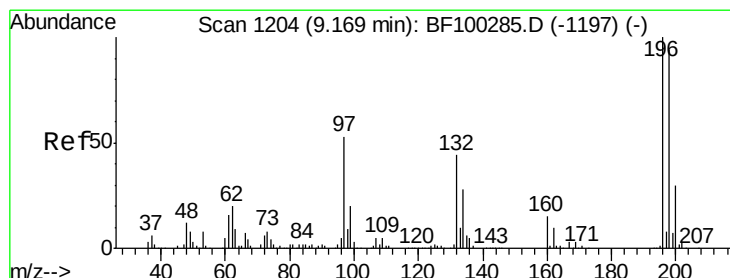
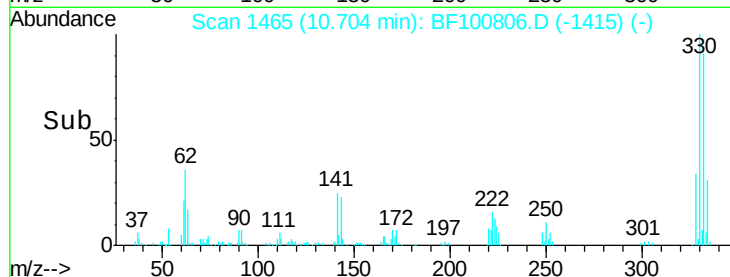
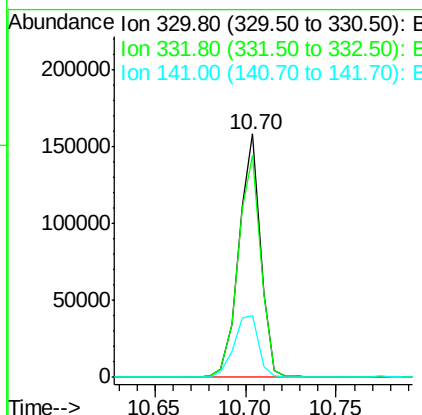
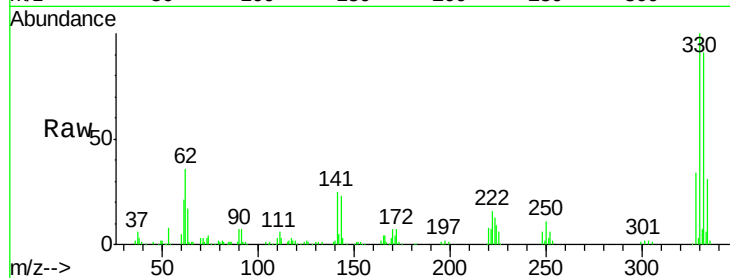




#41
 2,4,6-Tribromophenol
 Concen: 94.33 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

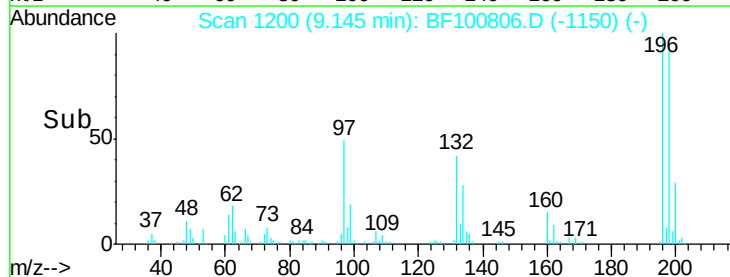
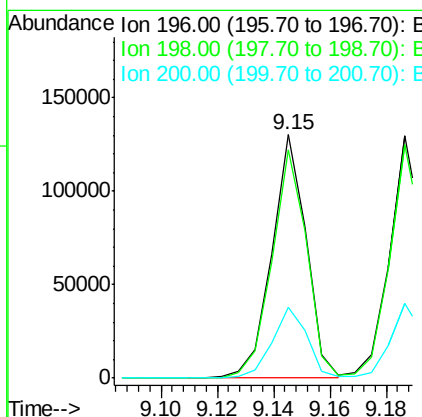
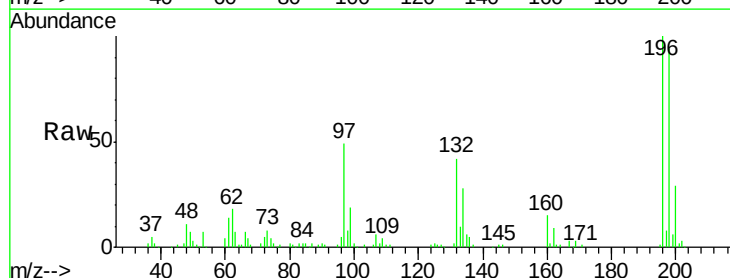
Instrument :
 BNA_F
 ClientSampled :

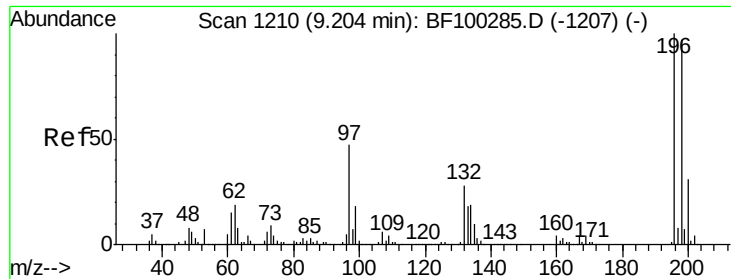
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.0	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 38.28 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
200	29.2	24.5	36.7

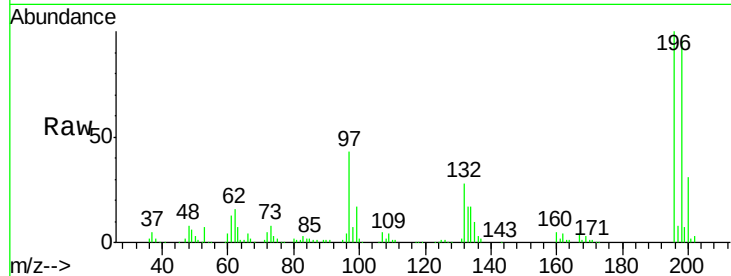




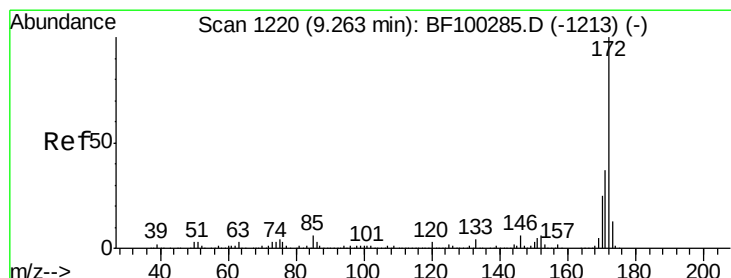
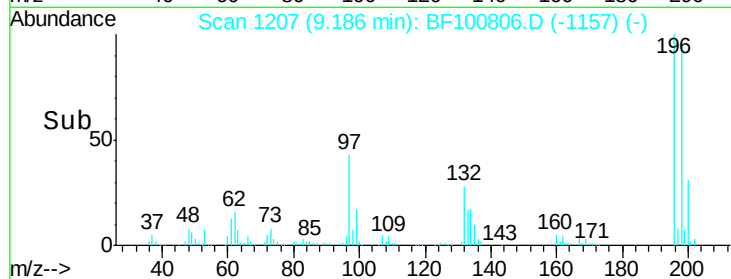
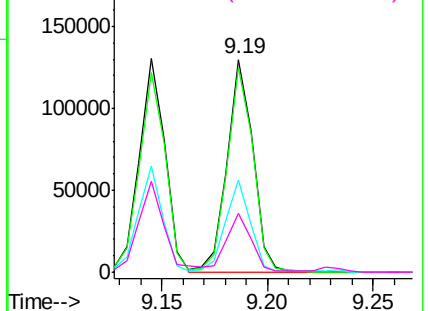
#43
 2,4,5-Trichlorophenol
 Concen: 36.85 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	109691
Ion Ratio	Lower	Upper
196	100	
198	96.2	74.6 112.0
97	43.3	42.9 64.3
132	27.7	26.3 39.5

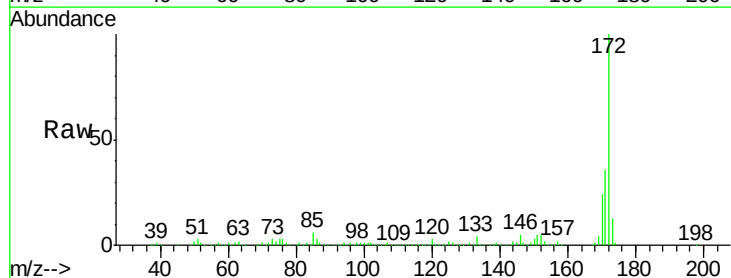


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

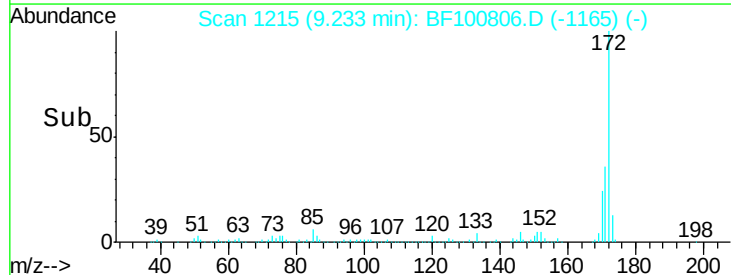
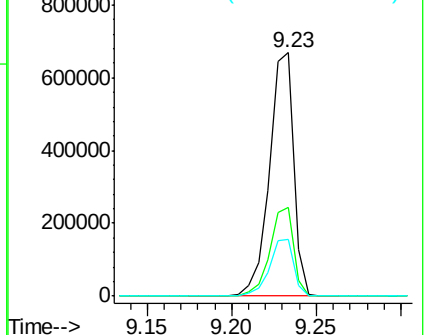


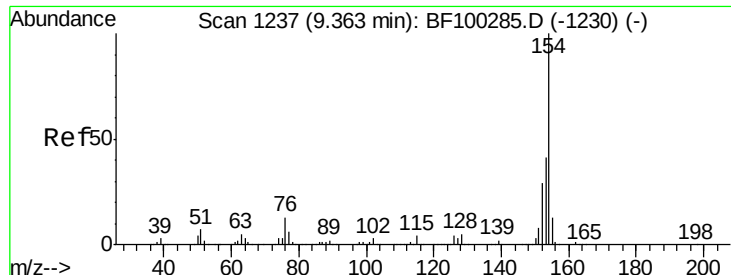
#44
 2-Fluorobiphenyl
 Concen: 73.31 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion:172	Resp:	658037
Ion Ratio	Lower	Upper
172	100	
171	36.3	29.7 44.5
170	23.5	19.6 29.4



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

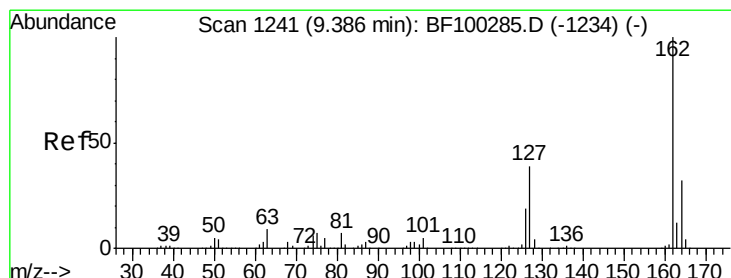
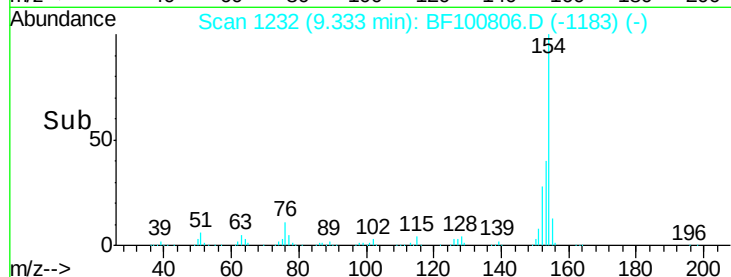
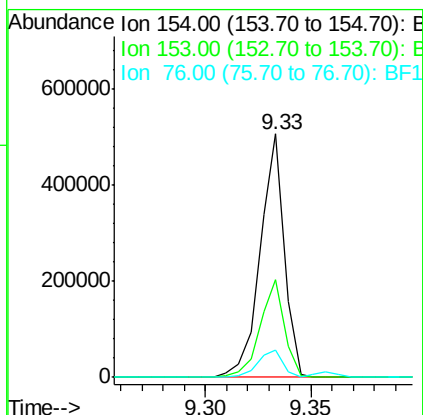
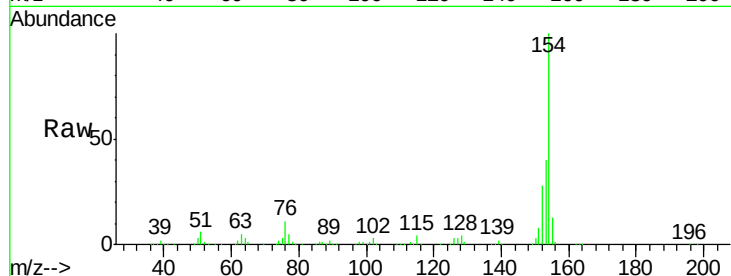




#45
 1,1'-Biphenyl
 Concen: 34.09 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

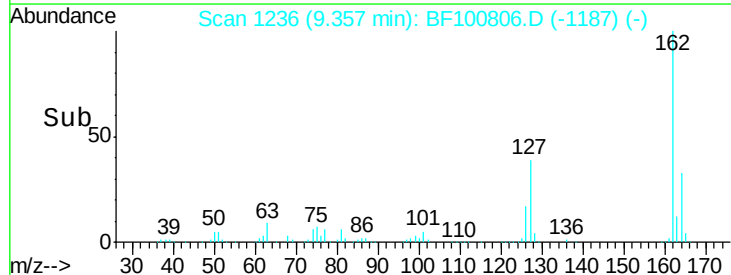
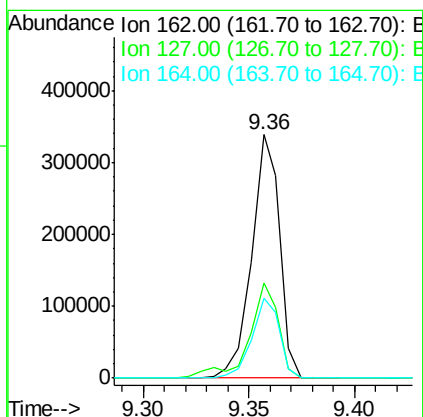
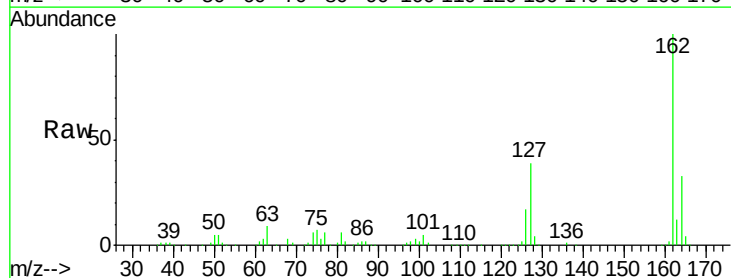
Instrument :
 BNA_F
 ClientSampleId :

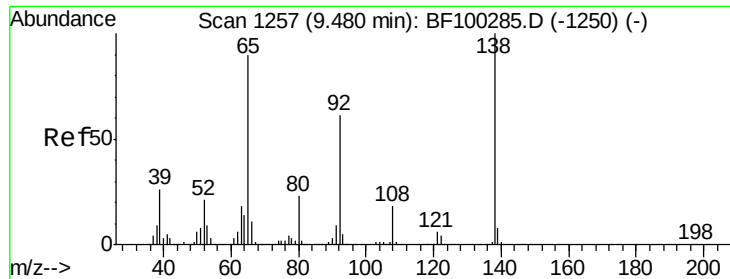
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 36.32 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 37.87 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

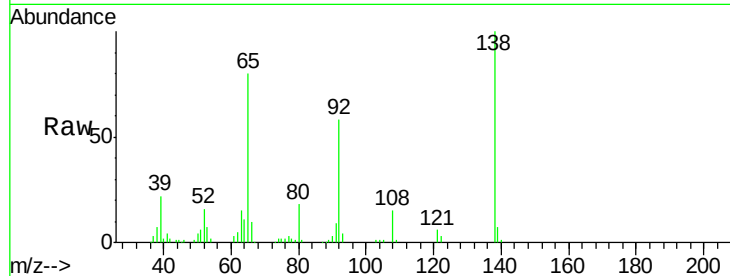
Tot Ion: 65 Resp: 94393

Ion Ratio Lower Upper

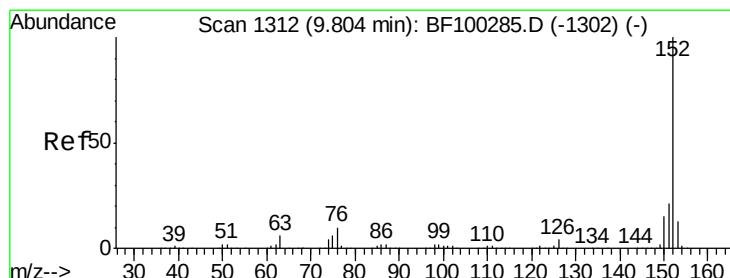
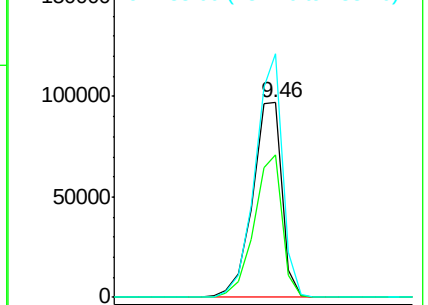
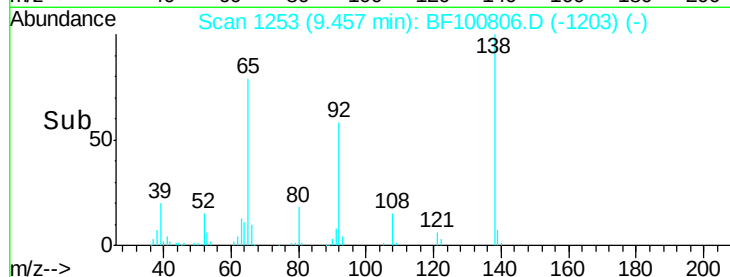
65 100

92 73.1 55.8 83.6

138 125.1 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: 33.18 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

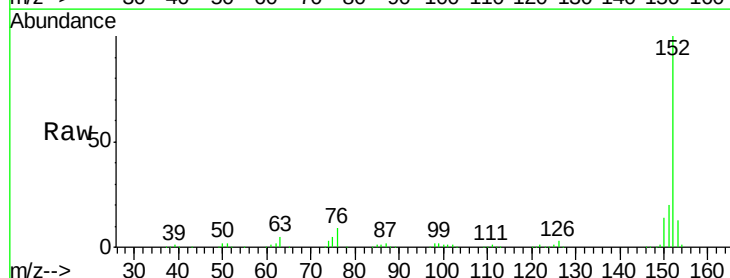
Tgt Ion: 152 Resp: 471566

Ion Ratio Lower Upper

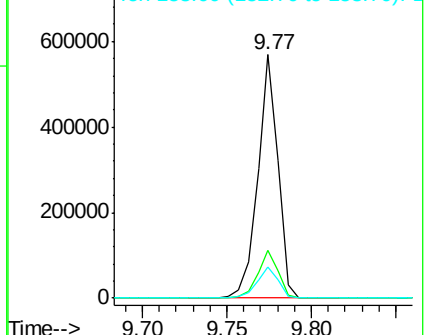
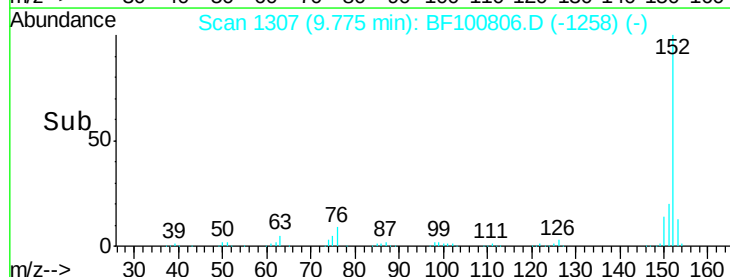
152 100

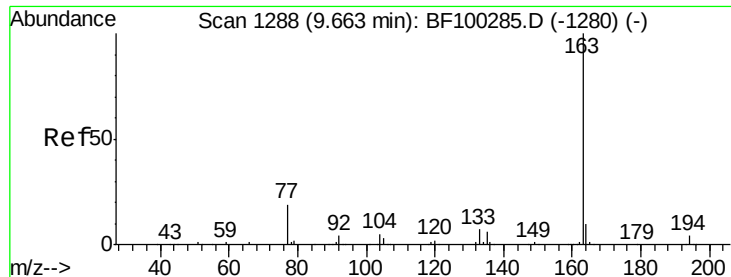
151 19.7 16.3 24.5

153 12.8 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

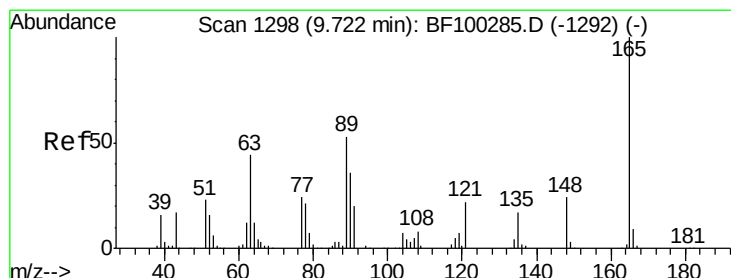
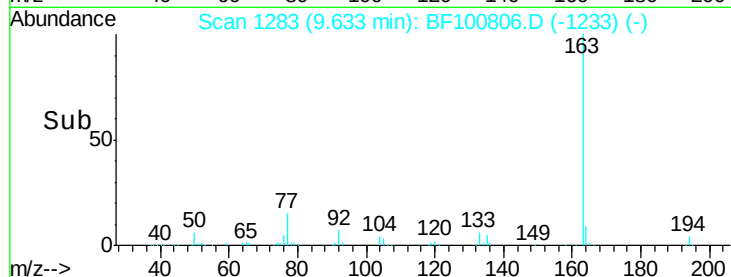
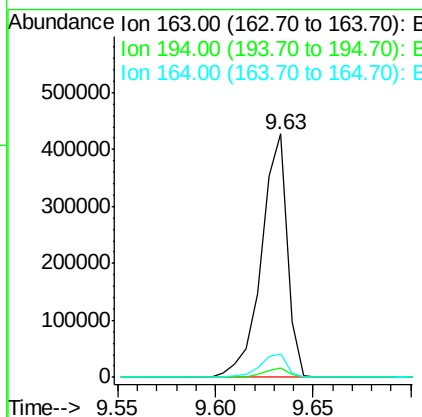
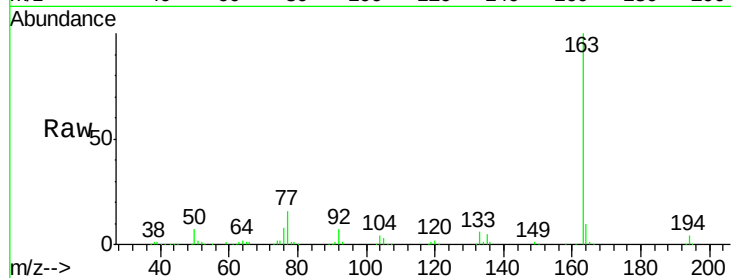




#49
Dimethylphthalate
Concen: 37.55 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

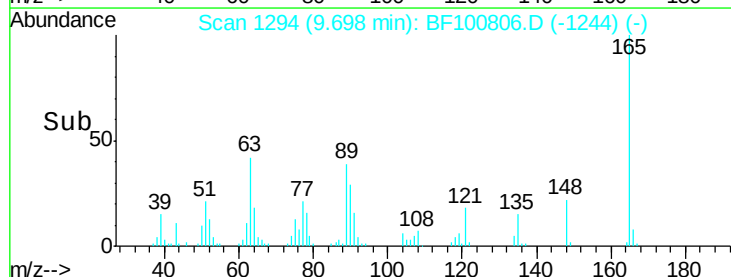
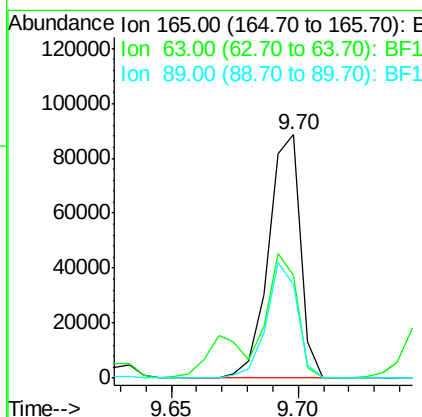
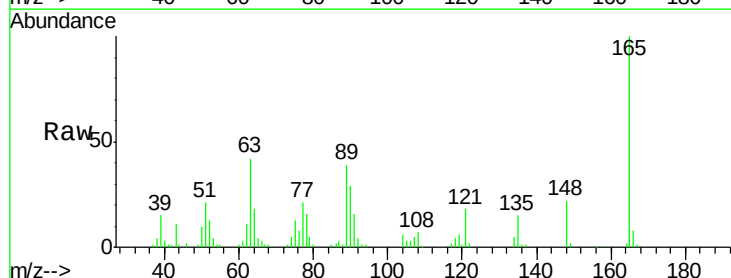
Instrument :
BNA_F
ClientSampled :

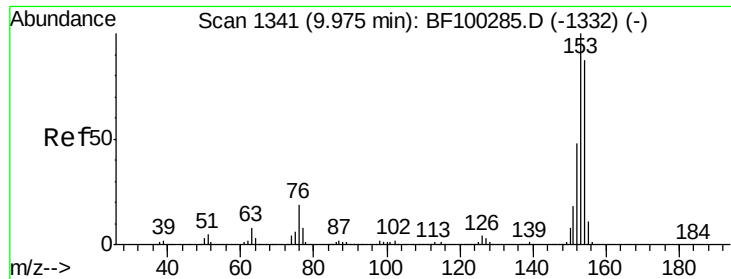
Tot Ion:163 Resp: 391839
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.92 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:165 Resp: 78342
Ion Ratio Lower Upper
165 100
63 42.3 44.7 67.1#
89 38.7 44.0 66.0#





#51

Acenaphthene

Concen: 31.74 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampled :

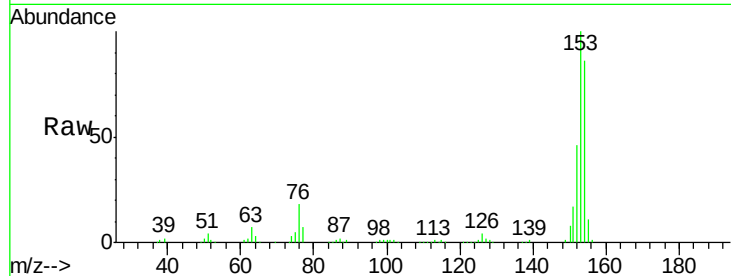
Tot Ion:154 Resp: 274350

Ion Ratio Lower Upper

154 100

153 116.5 91.2 136.8

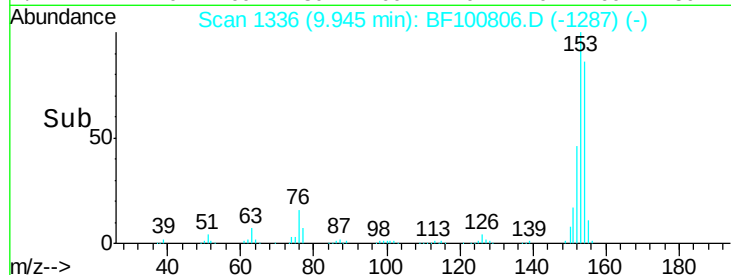
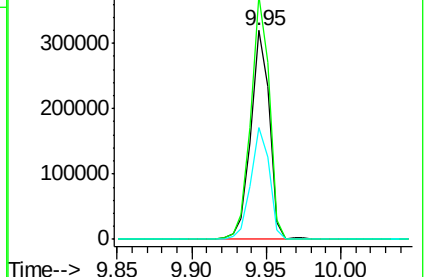
152 53.3 43.8 65.8



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: 29.38 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

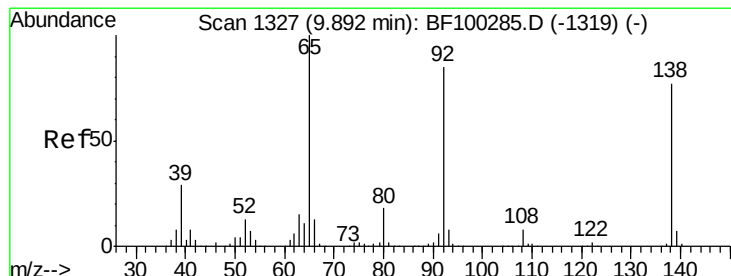
Tgt Ion:138 Resp: 71679

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

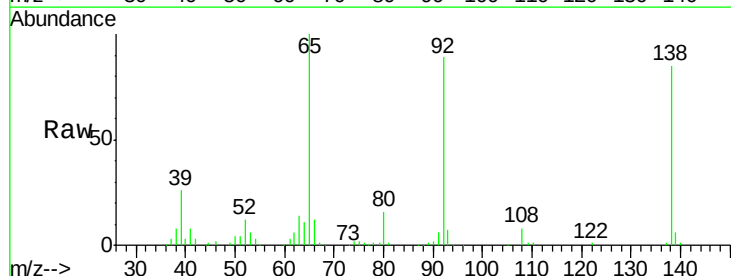
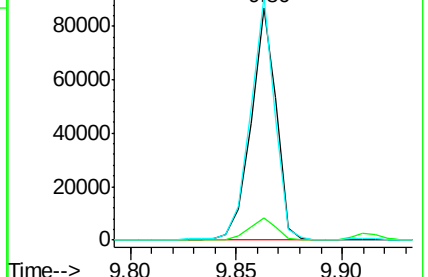
92 104.9 89.4 134.2

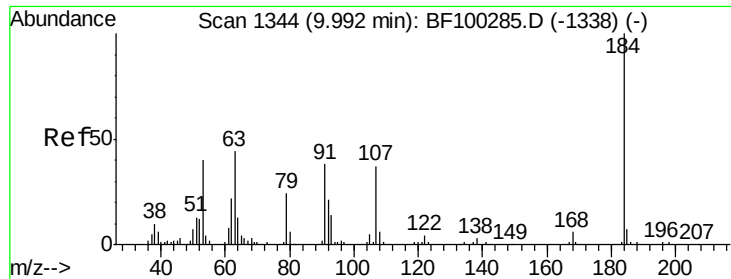


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 12.06 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

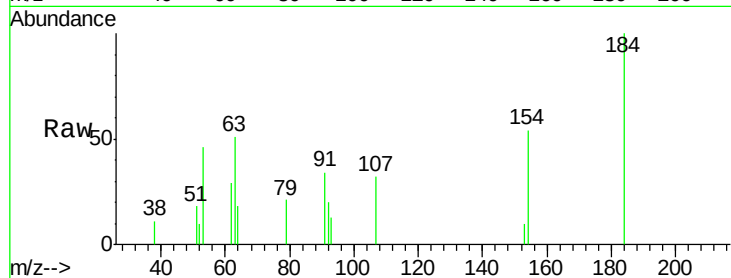
Tot Ion:184 Resp: 2843

Ion Ratio Lower Upper

184 100

63 51.3 54.2 81.2#

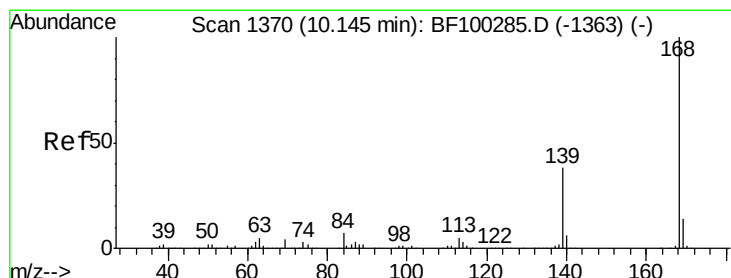
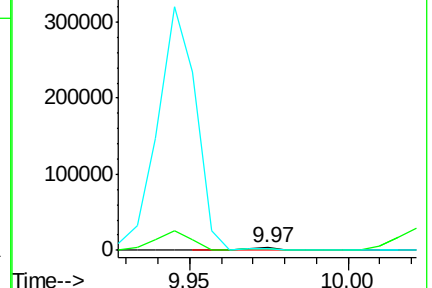
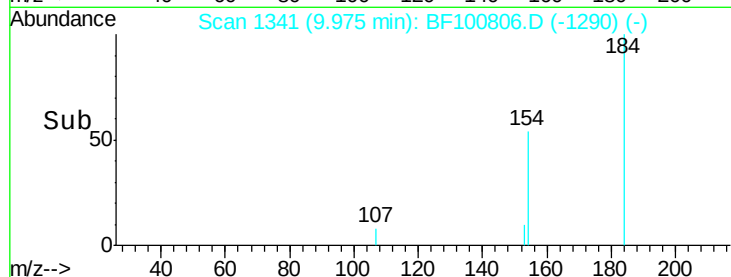
154 54.0 184.0 276.0#



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: 33.92 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

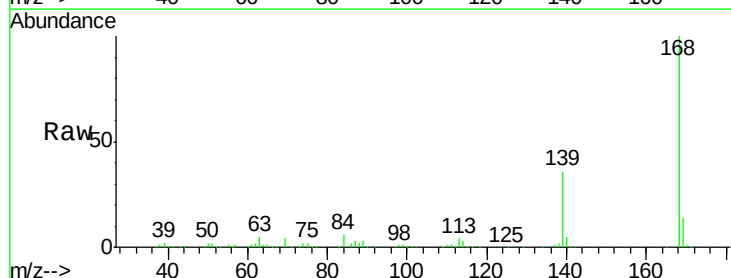
Tgt Ion:168 Resp: 410915

Ion Ratio Lower Upper

168 100

139 36.1 30.1 45.1

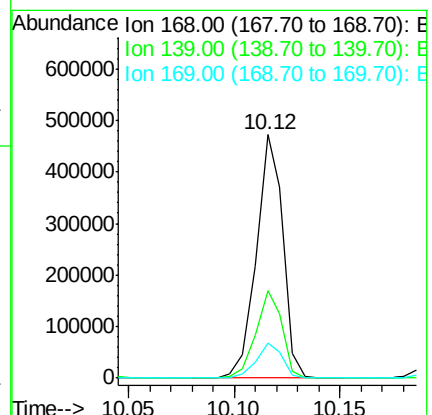
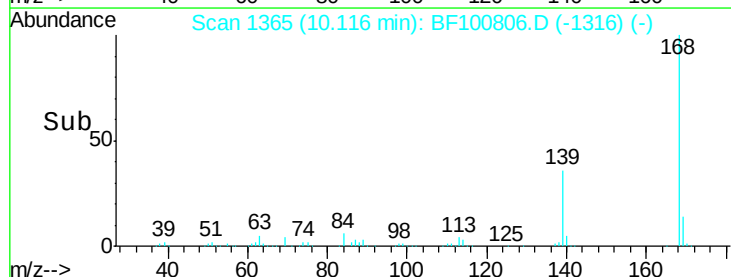
169 14.2 10.9 16.3

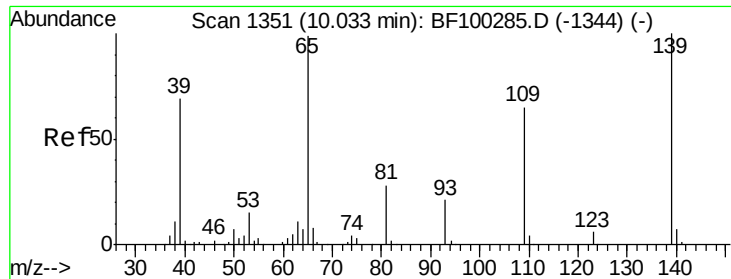


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

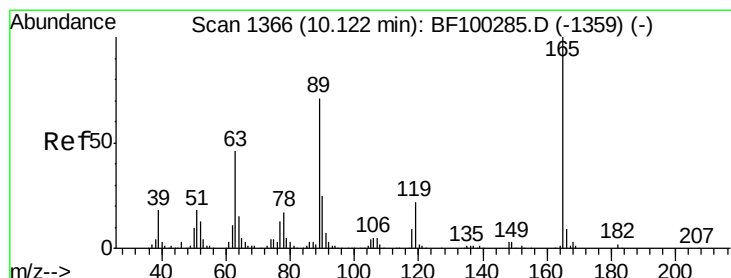
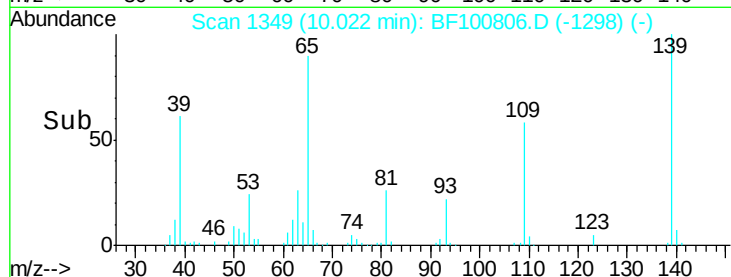
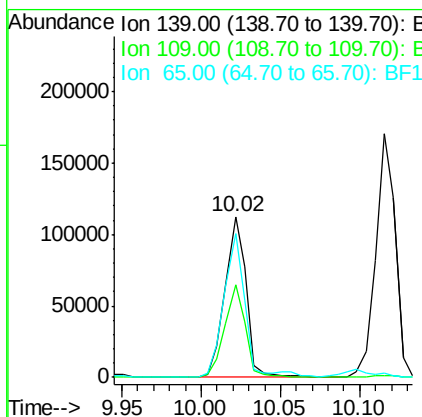
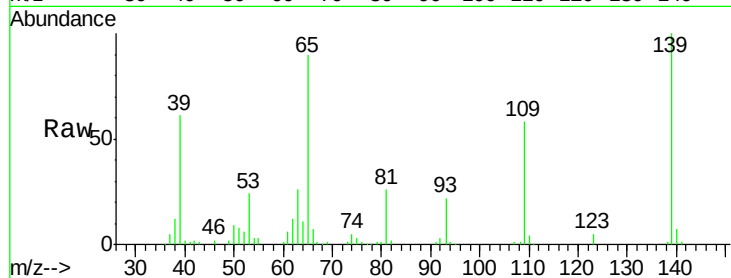




#55
4-Nitrophenol
Concen: 52.84 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

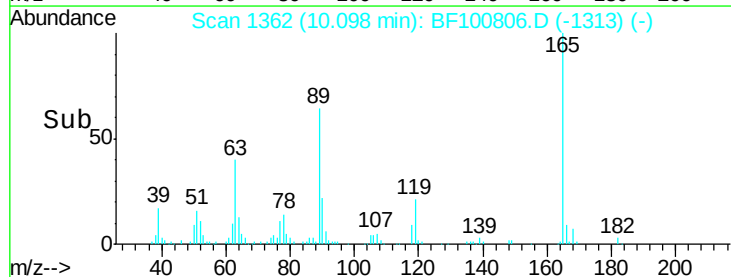
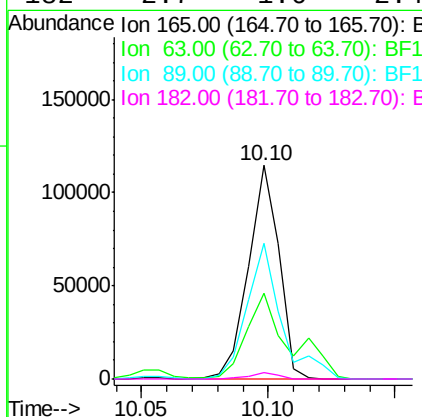
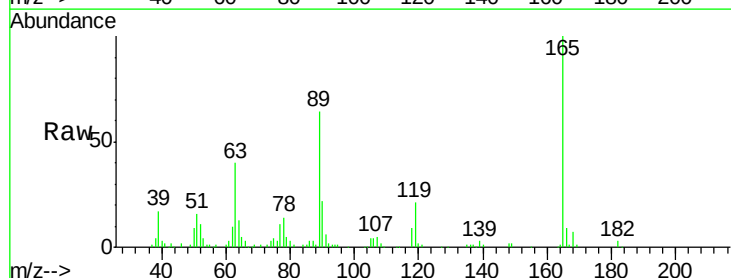
Instrument :
BNA_F
ClientSampleId :

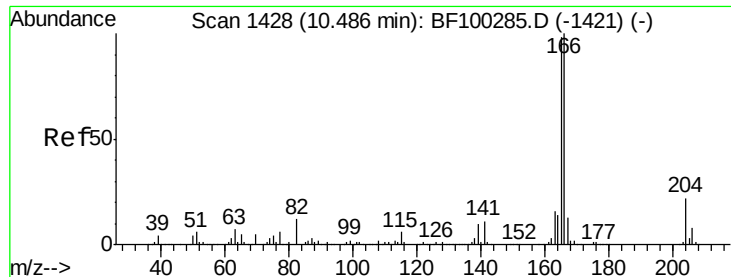
Tot Ion:139 Resp: 104665
Ion Ratio Lower Upper
139 100
109 58.0 48.4 88.4
65 89.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.95 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:165 Resp: 96291
Ion Ratio Lower Upper
165 100
63 40.4 36.4 54.6
89 63.7 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 34.58 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

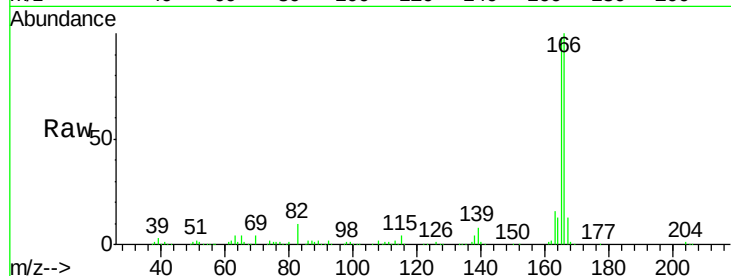
Tot Ion:166 Resp: 306933

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

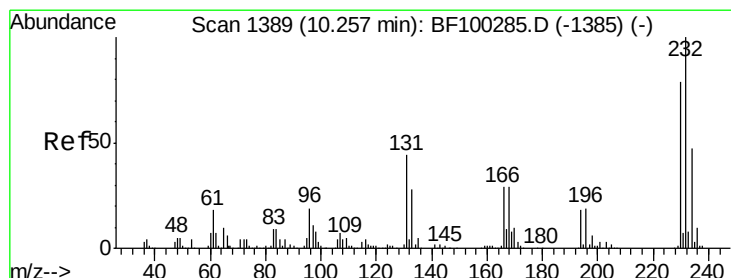
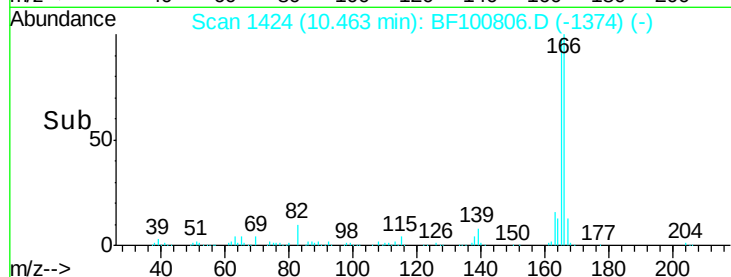
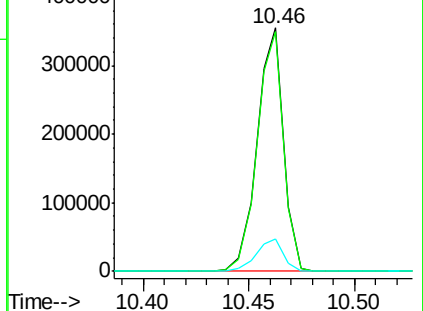
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.36 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:232 Resp: 78953

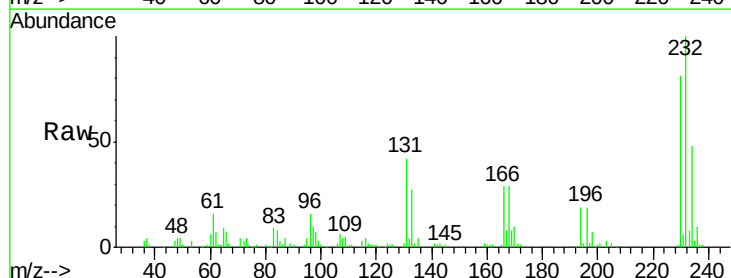
Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 2.1 2.1 3.1

166 29.3 27.8 41.6

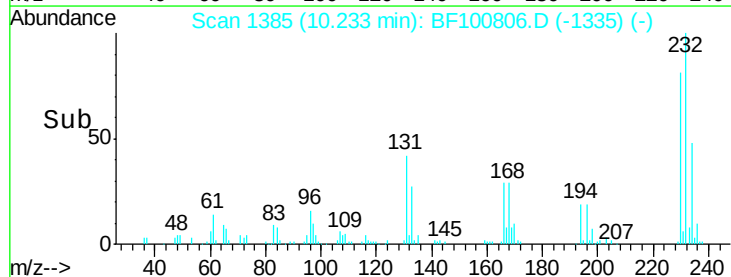
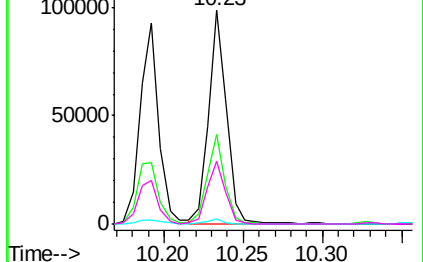


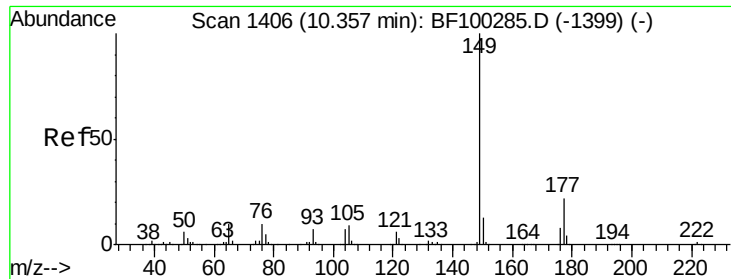
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

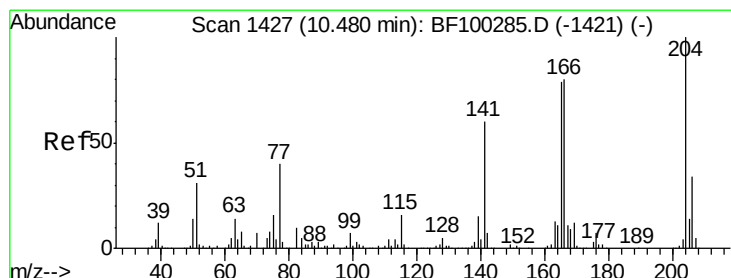
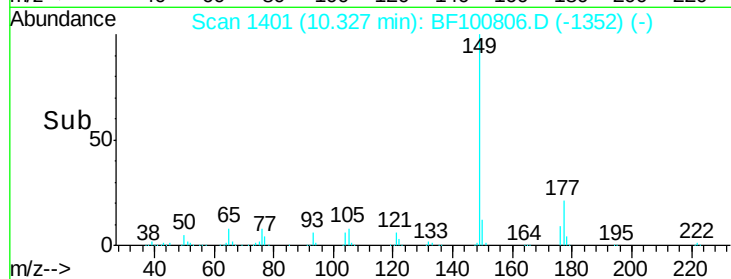
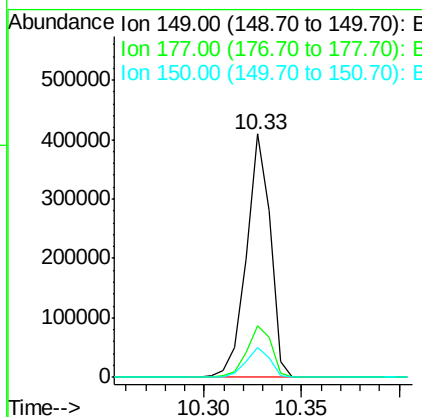
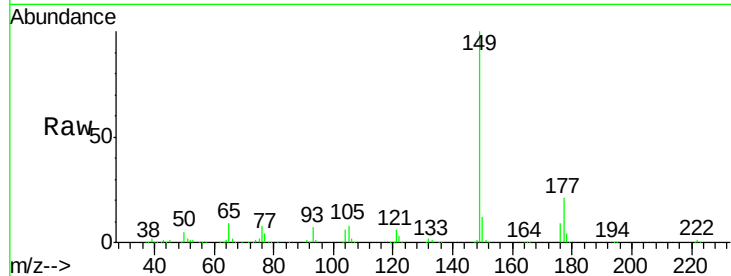




#59
Diethylphthalate
Concen: 33.28 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

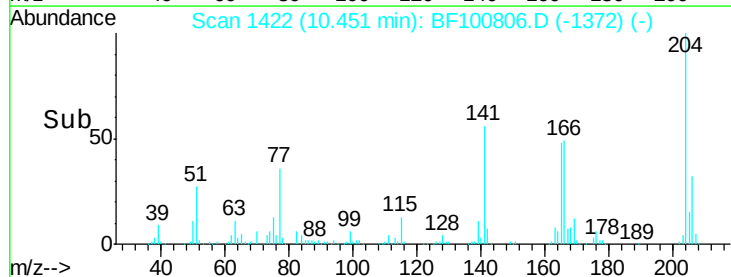
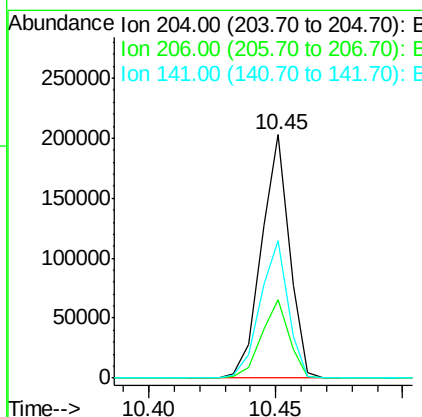
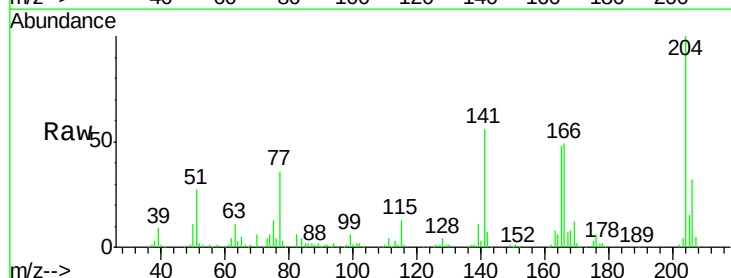
Instrument :
BNA_F
ClientSampleId :

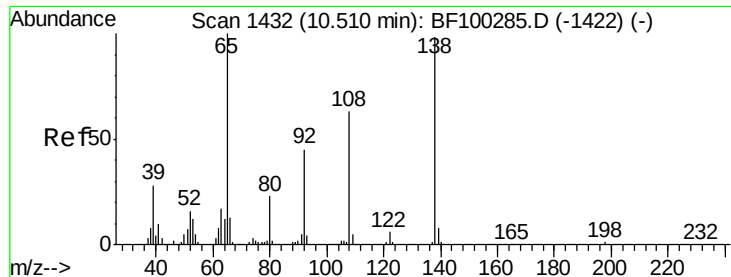
Tot Ion:149 Resp: 347518
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.99 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:204 Resp: 156715
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 56.2 54.6 81.8

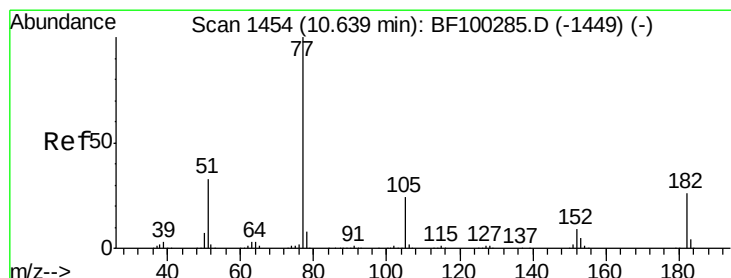
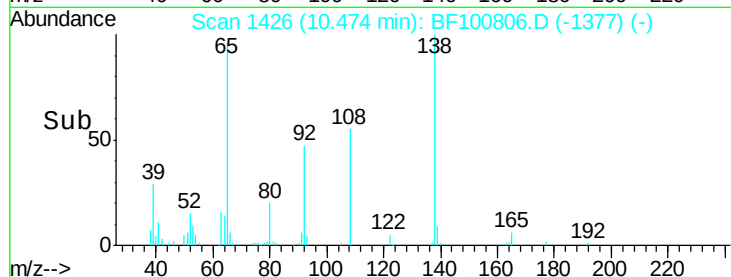
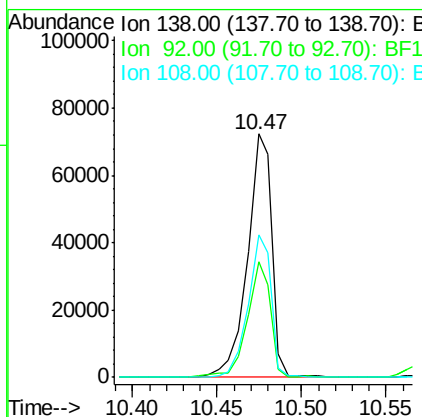
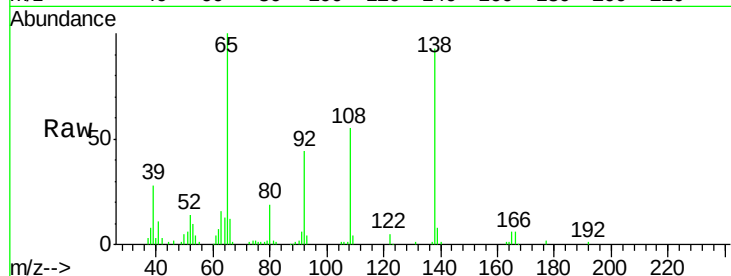




#61
4-Nitroaniline
Concen: 31.52 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

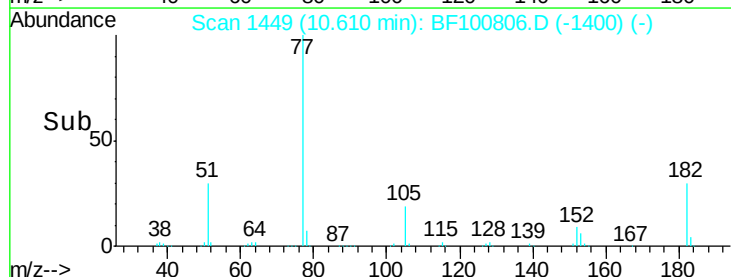
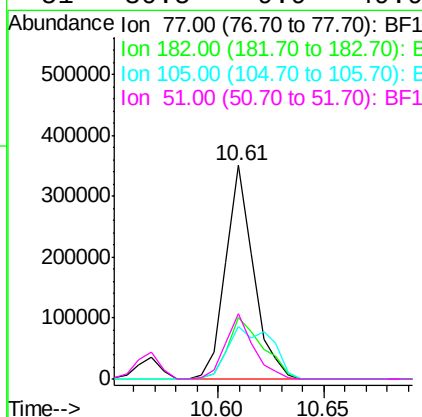
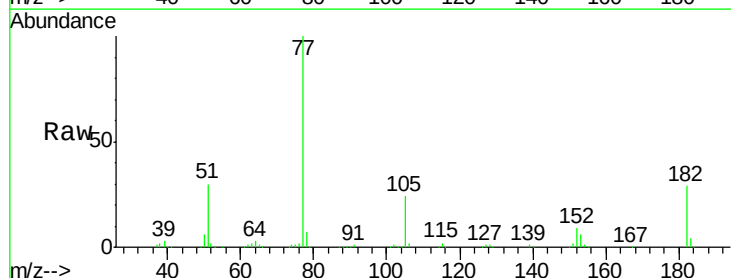
Instrument :
BNA_F
ClientSampled :

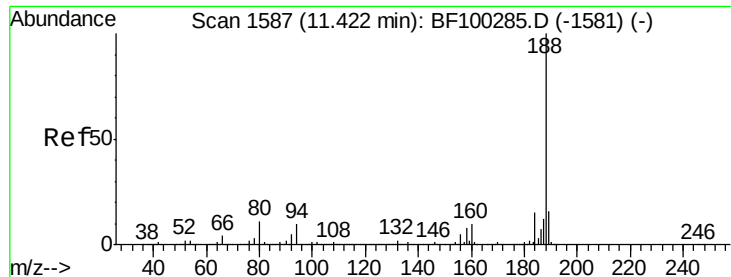
Tot Ion:138 Resp: 72911
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 58.5 52.5 92.5



#62
Azobenzene
Concen: 32.45 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion: 77 Resp: 319174
Ion Ratio Lower Upper
77 100
182 29.0 1.7 41.7
105 24.5 3.0 43.0
51 30.5 9.9 49.9

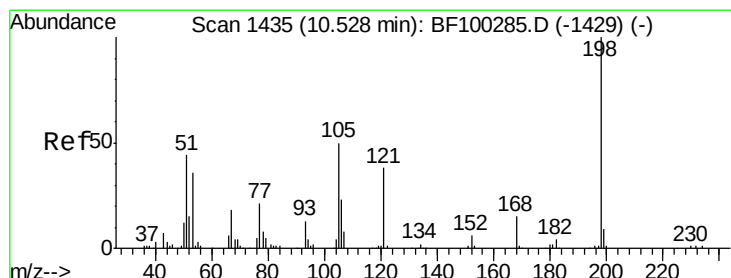
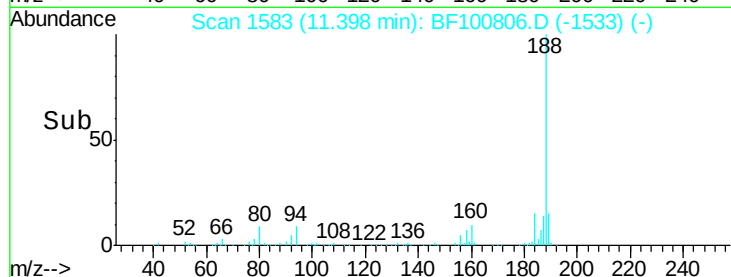
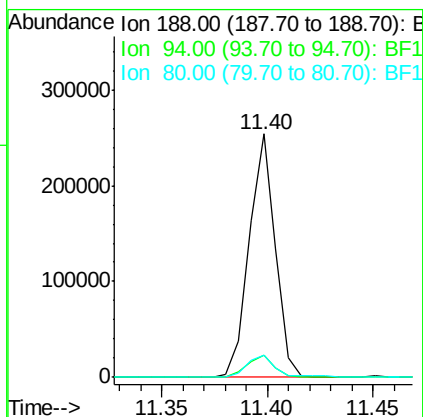
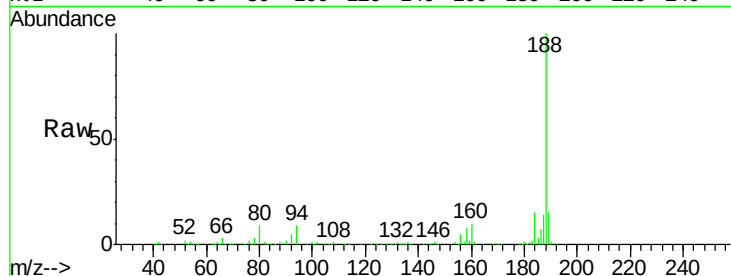




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

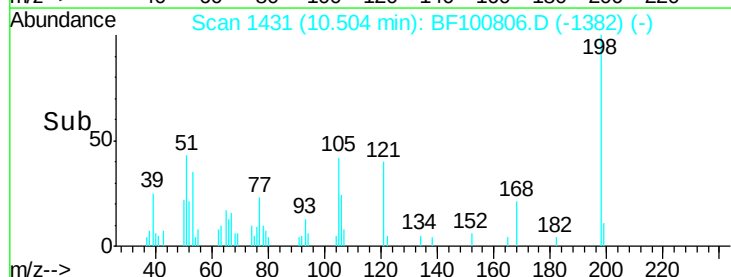
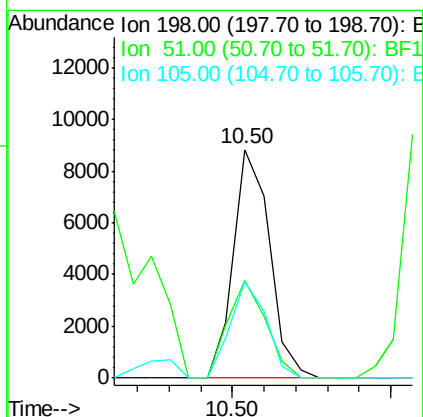
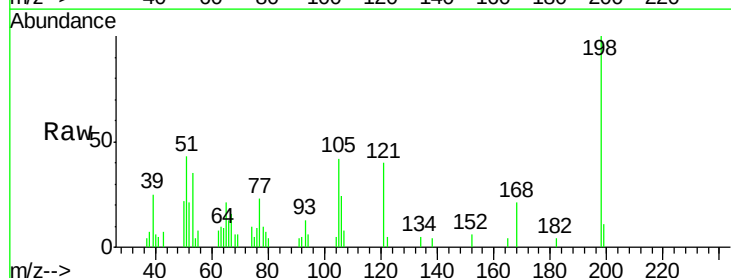
Instrument :
BNA_F
ClientSampleId :

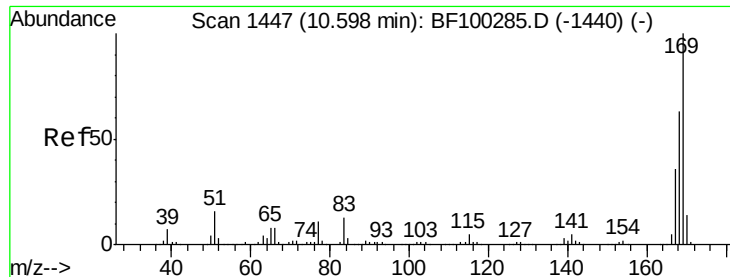
Tot Ion:188 Resp: 217649
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.77 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:198 Resp: 6959
Ion Ratio Lower Upper
198 100
51 42.7 37.7 77.7
105 42.1 36.3 76.3

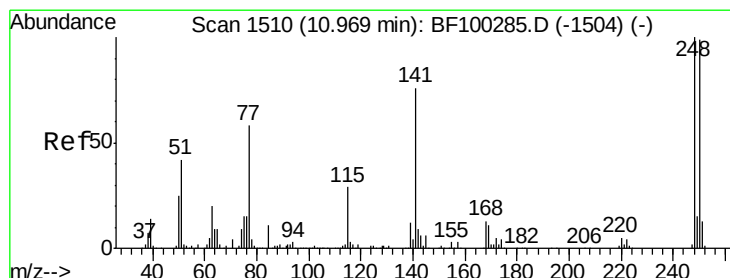
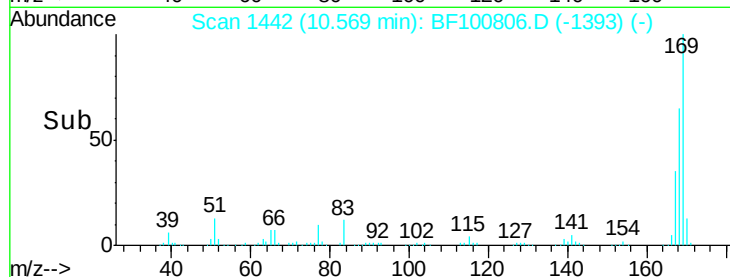
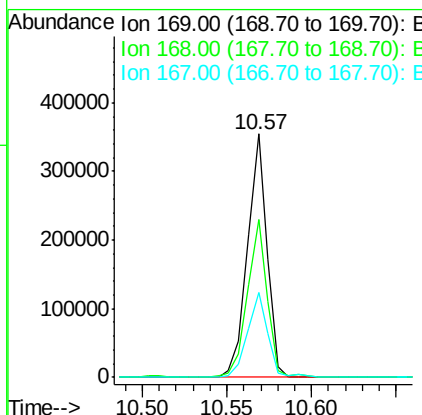
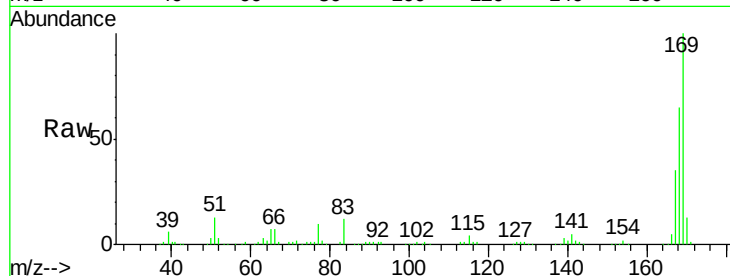




#65
n-Nitrosodiphenylamine
Concen: 38.20 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

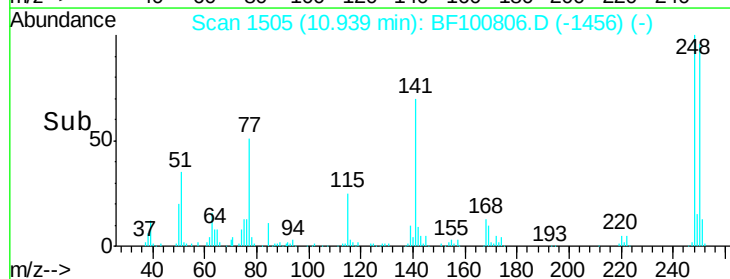
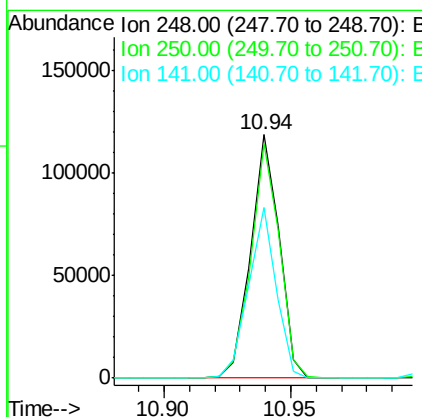
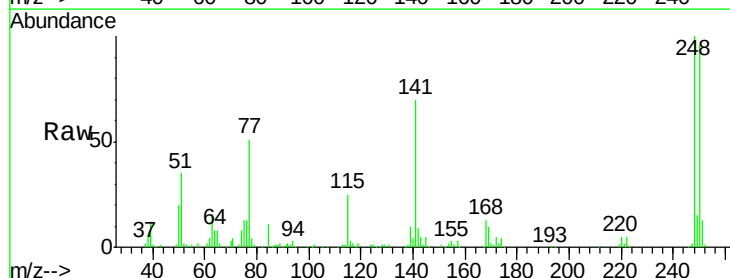
Instrument :
BNA_F
ClientSampled :

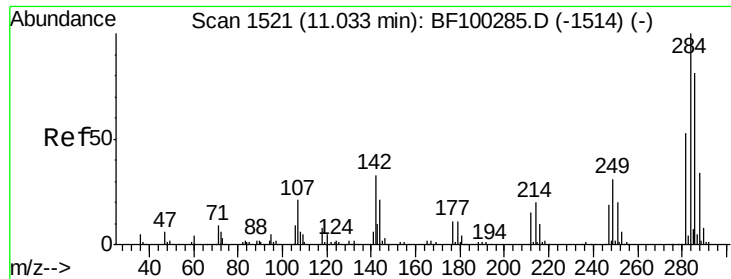
Tot Ion:169 Resp: 289070
Ion Ratio Lower Upper
169 100
168 65.1 54.4 81.6
167 35.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.06 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:248 Resp: 93469
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 70.0 74.4 111.6#

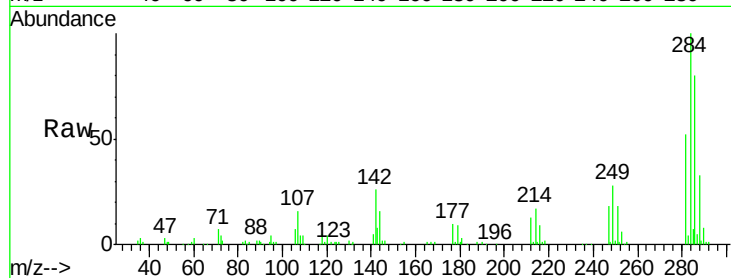




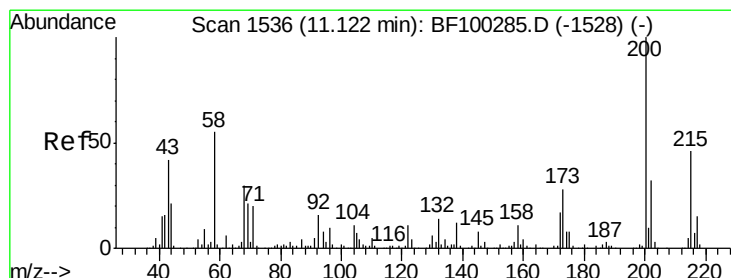
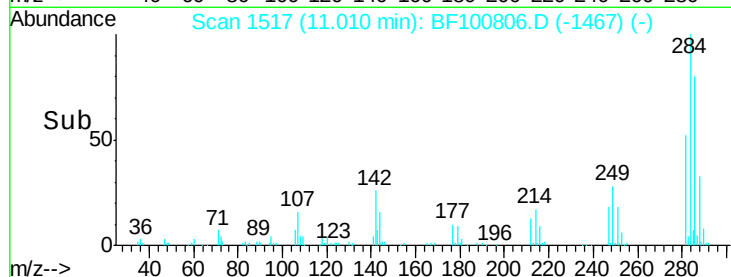
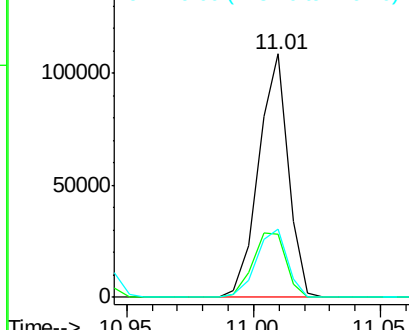
#67
Hexachlorobenzene
Concen: 36.34 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 88677
Ion Ratio Lower Upper
284 100
142 25.9 34.6 52.0#
249 27.8 24.8 37.2

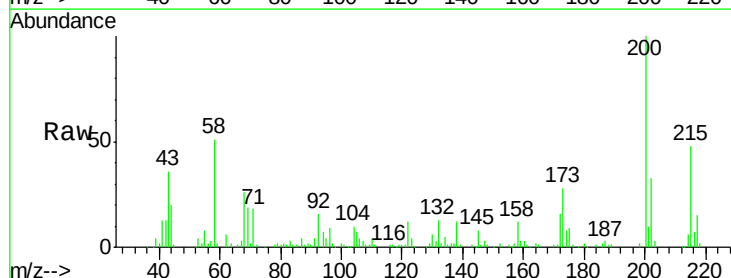


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

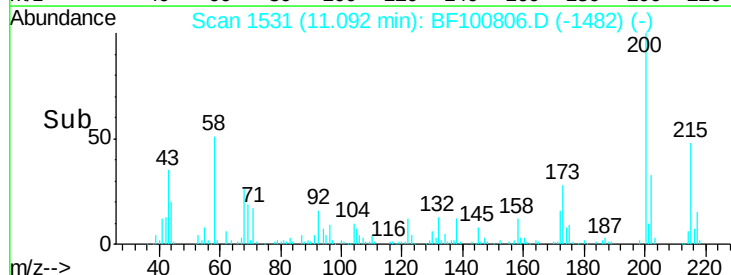
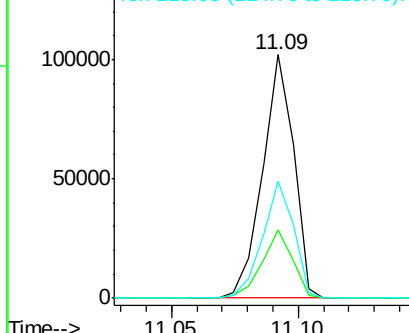


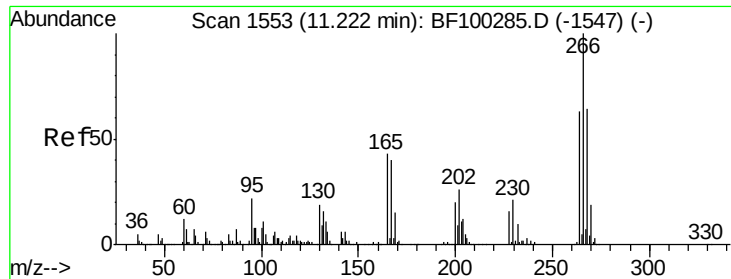
#68
Atrazine
Concen: 38.06 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:200 Resp: 87178
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 47.8 25.1 65.1



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

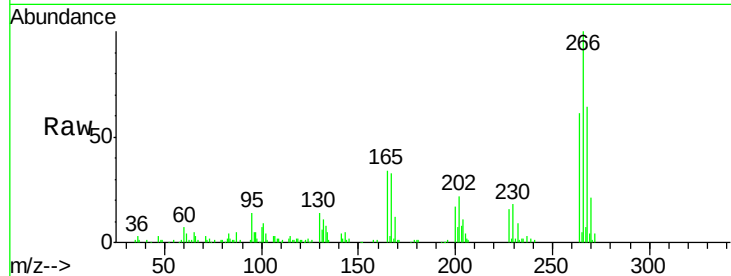




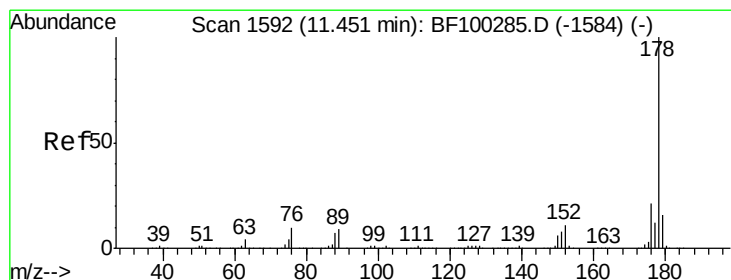
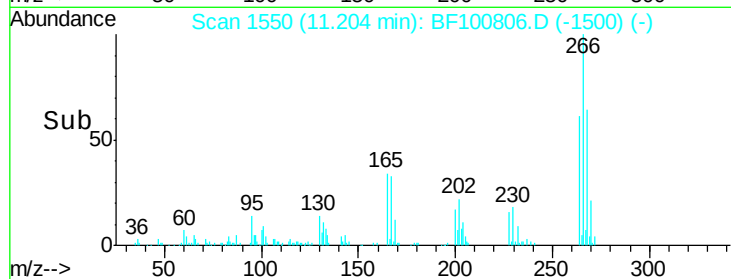
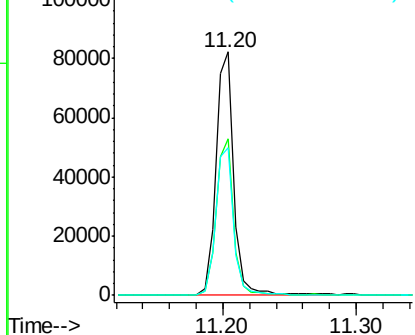
#69
 Pentachlorophenol
 Concen: 44.32 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	60.8	49.5	74.3

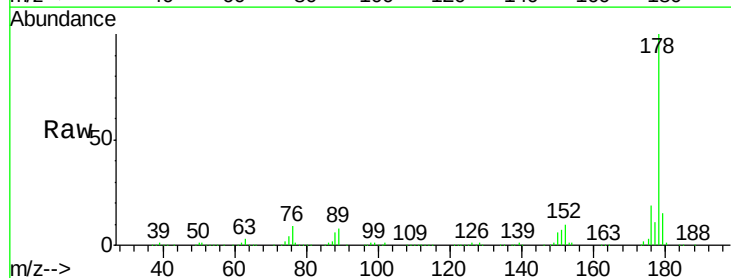


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

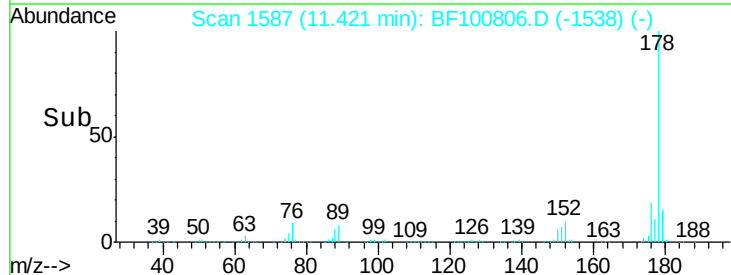
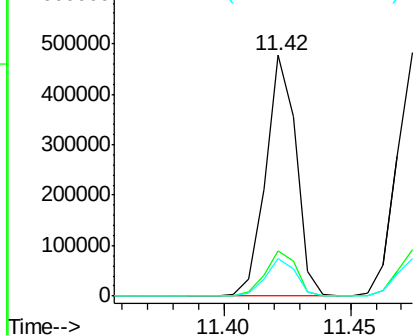


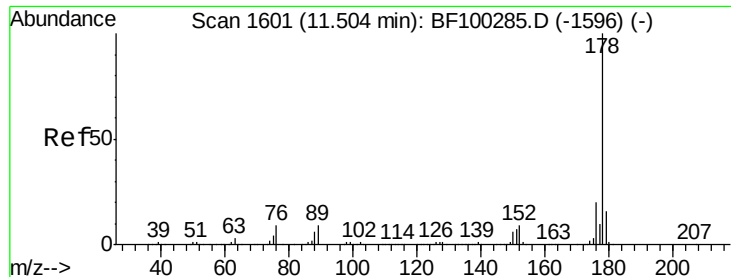
#70
 Phenanthrene
 Concen: 34.92 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	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: 33.85 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

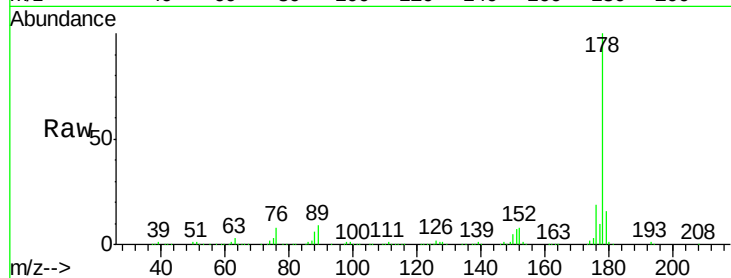
Tot Ion:178 Resp: 393506

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

178 100

176 19.3 15.4 23.2

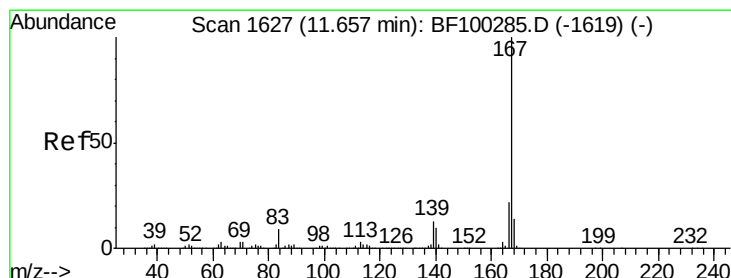
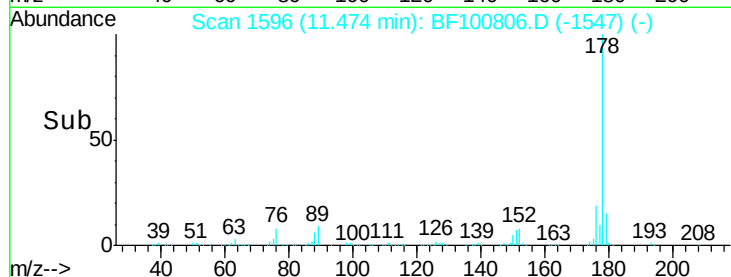
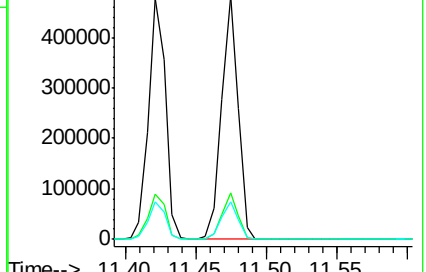
179 15.5 12.6 19.0



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: 31.62 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

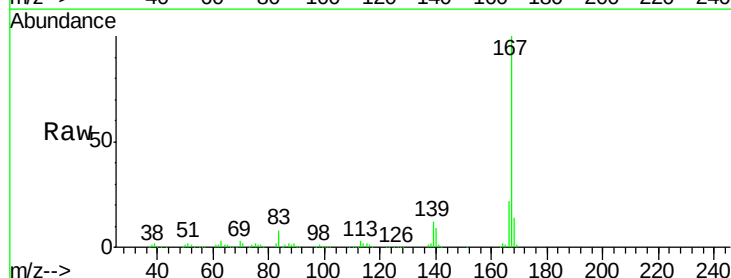
Tgt Ion:167 Resp: 339195

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.1	10.9	16.3

167 100

166 22.0 17.6 26.4

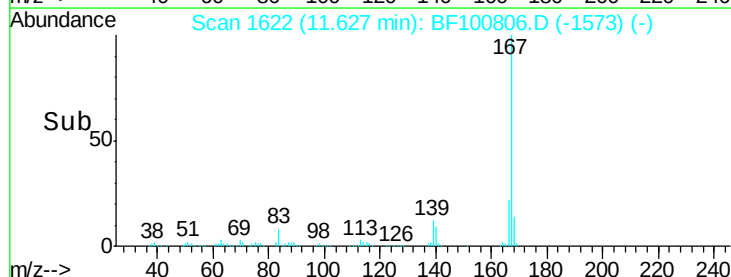
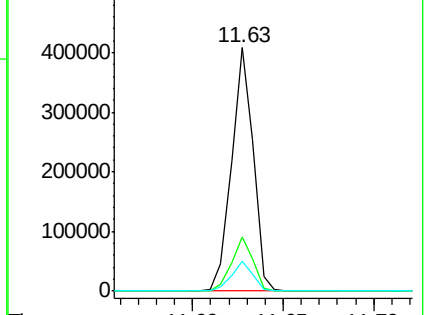
139 12.1 10.9 16.3

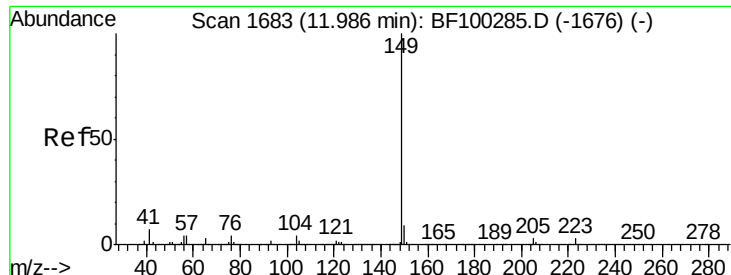


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.47 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

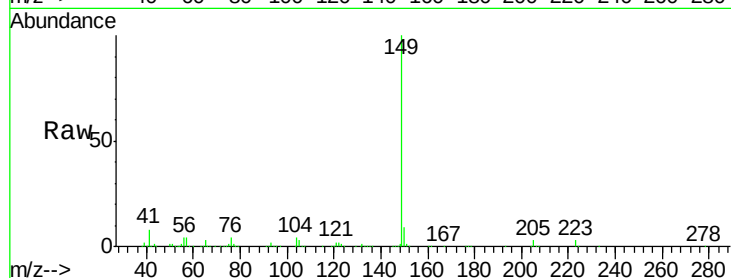
Tot Ion:149 Resp: 470377

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

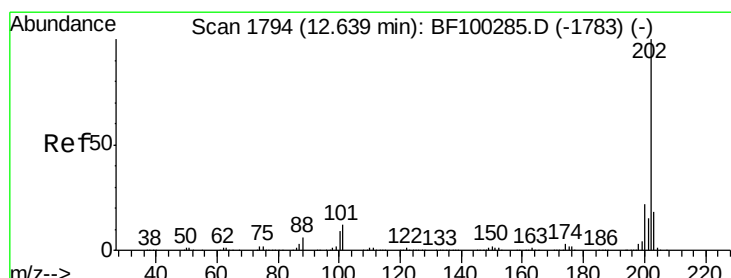
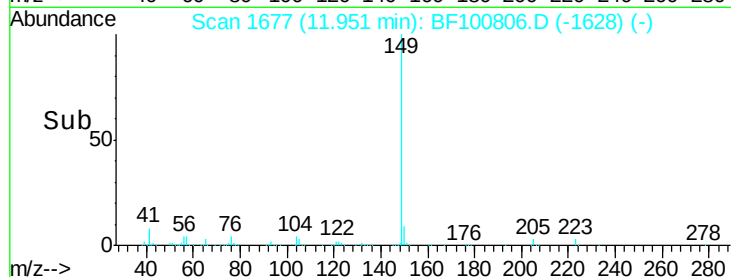
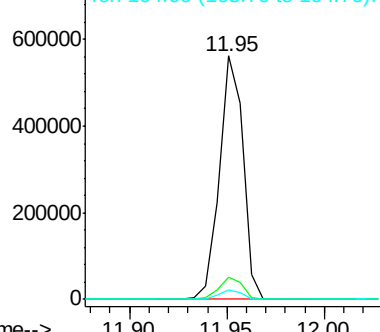
104 4.1 3.8 5.8



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: 29.58 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

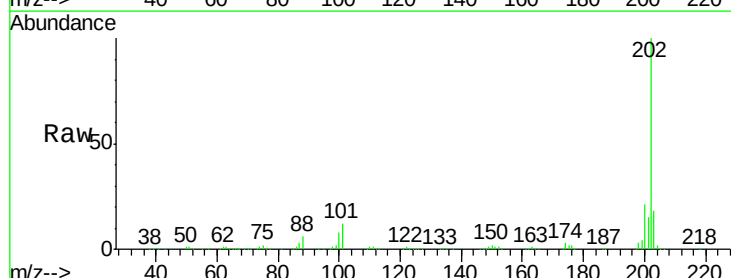
Tgt Ion:202 Resp: 359204

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

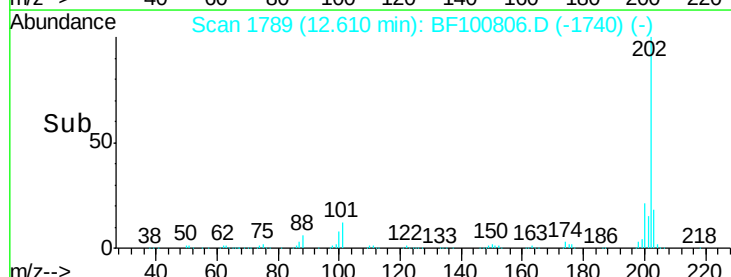
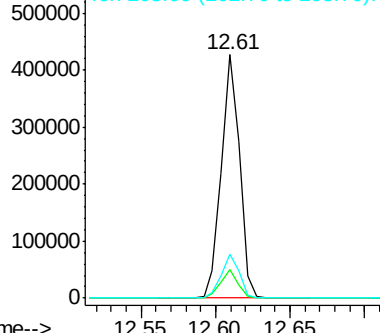
203 18.0 0.0 38.1

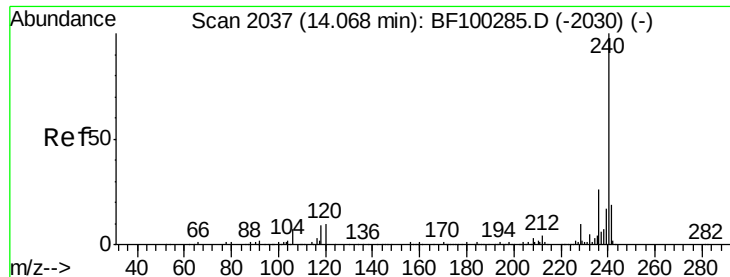


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

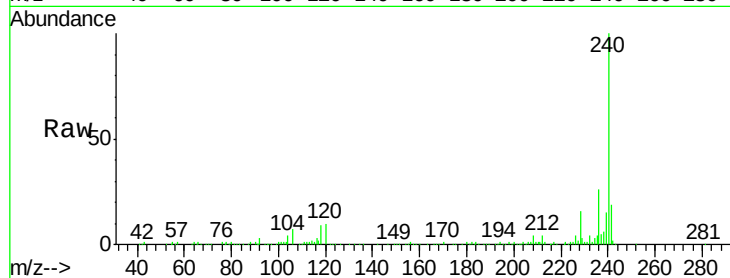
Tot Ion:240 Resp: 154579

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

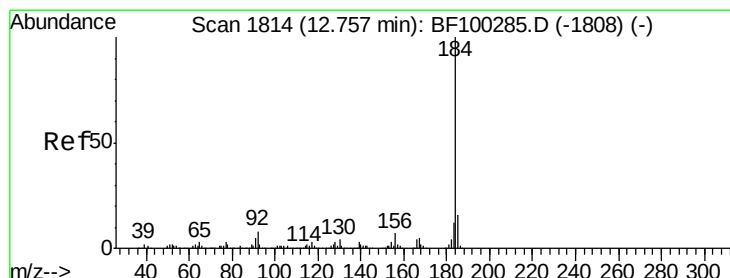
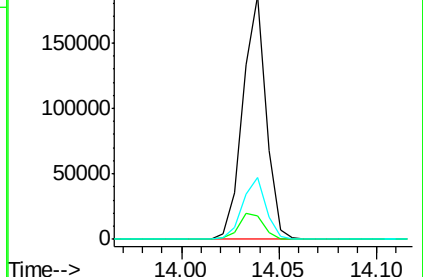
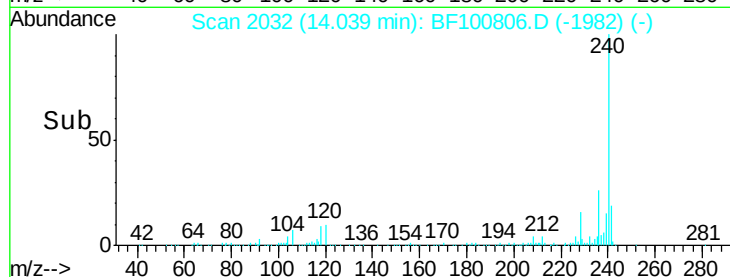
236 25.6 20.7 31.1



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: 17.10 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

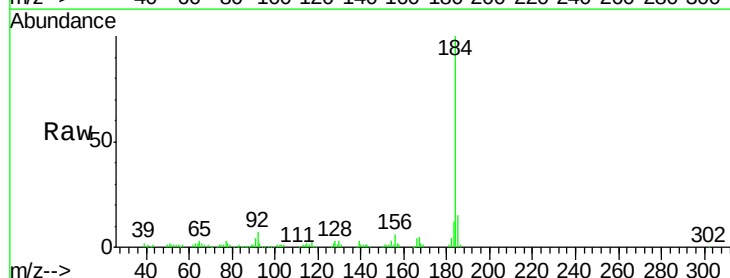
Tgt Ion:184 Resp: 105850

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

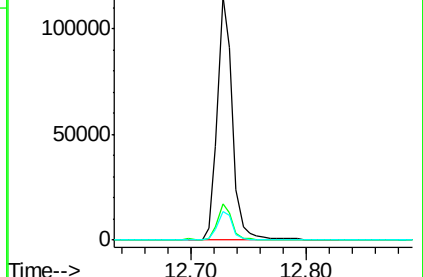
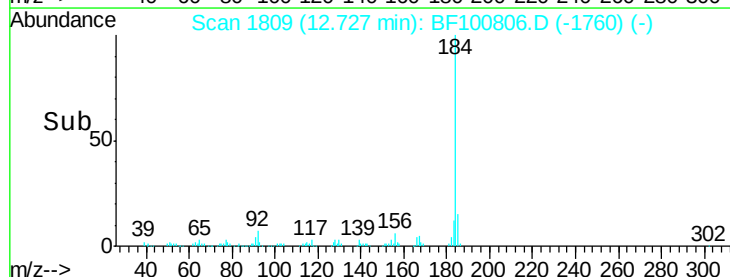
183 11.9 9.3 13.9

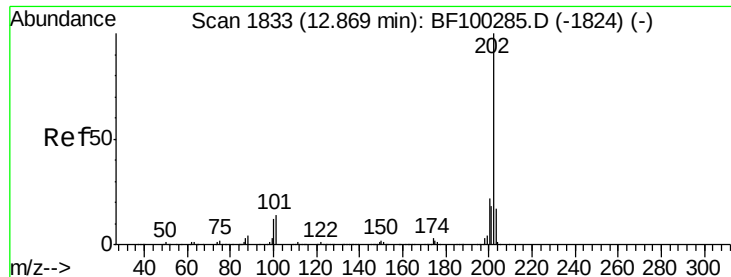


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

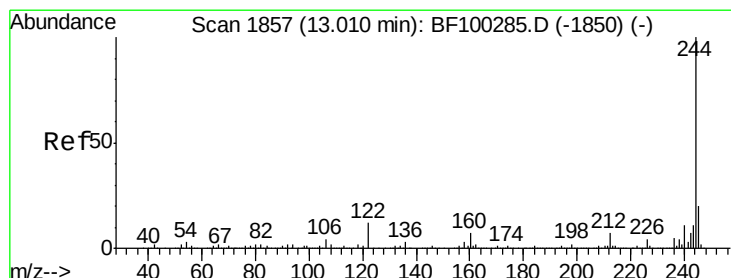
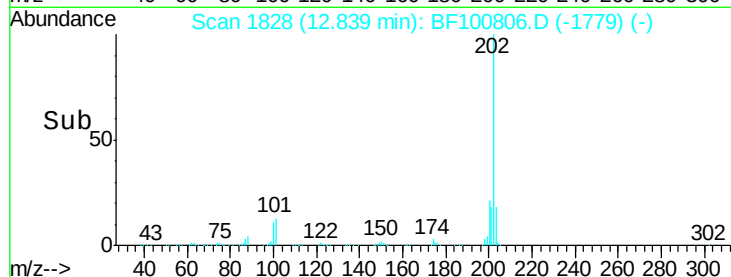
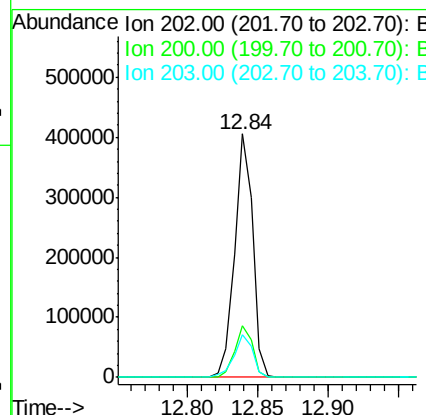
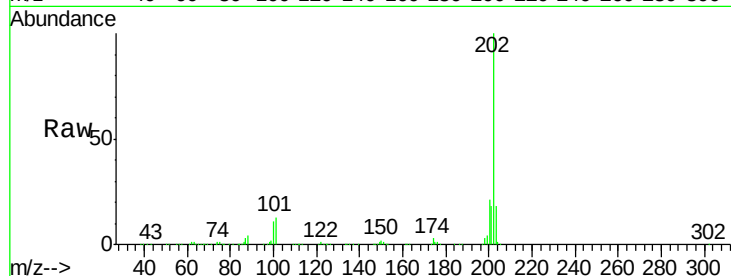




#77
Pvrene
Concen: 32.71 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

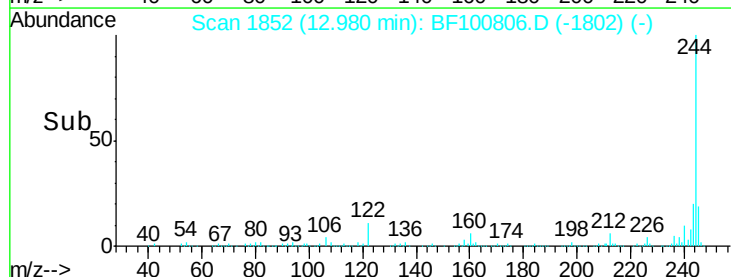
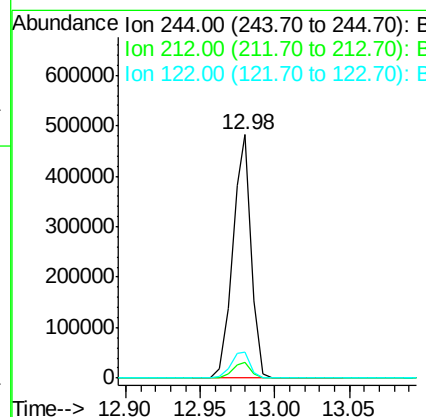
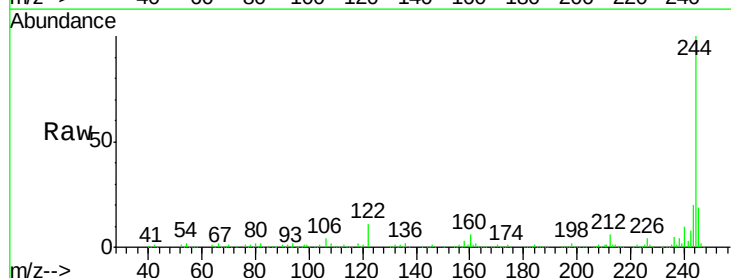
Instrument :
BNA_F
ClientSampleId :

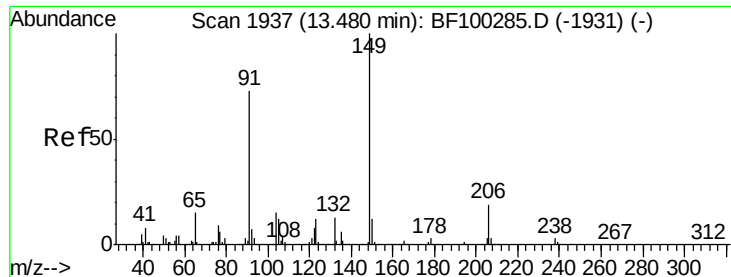
Tot Ion:202 Resp: 360381
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 62.41 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:244 Resp: 419858
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.6 11.0 16.4#

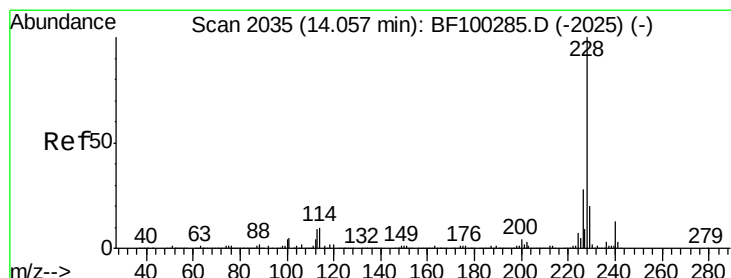
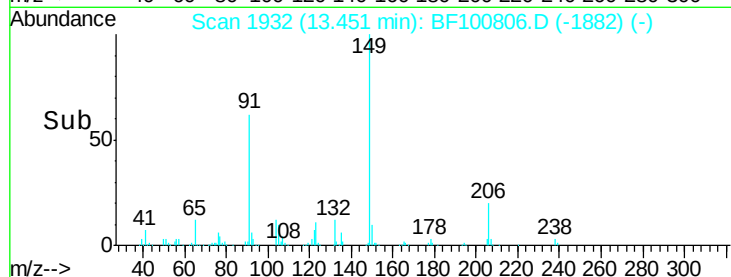
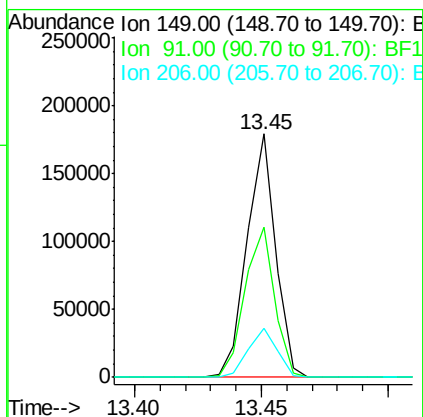
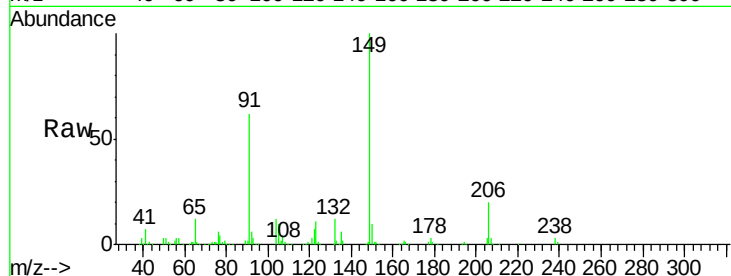




#79
Butylbenzylphthalate
Concen: 31.38 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

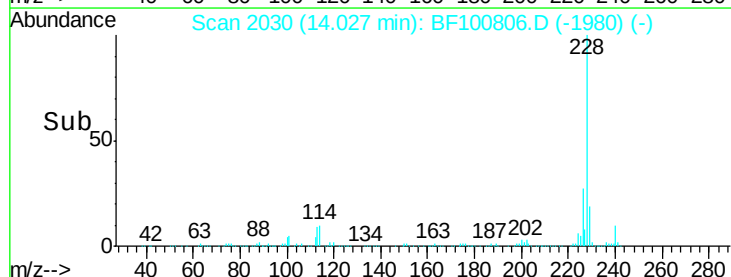
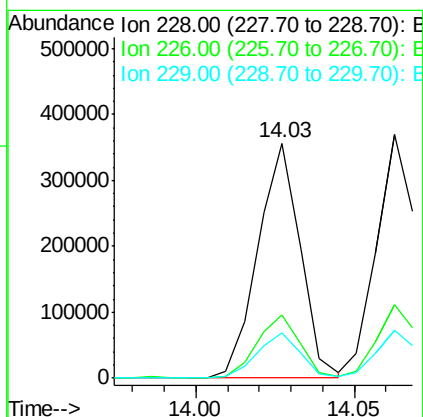
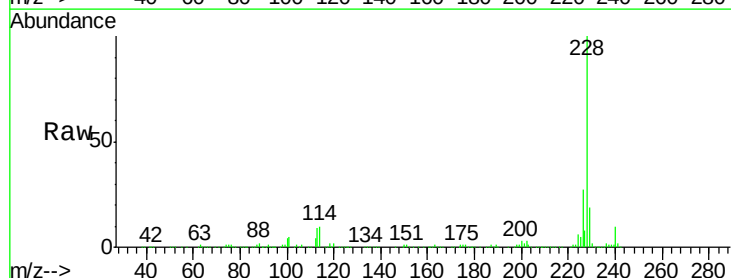
Instrument :
BNA_F
ClientSampled :

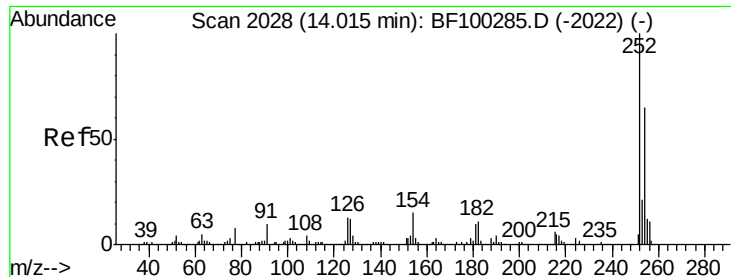
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	61.9	56.8	85.2	
206	20.3	14.1	21.1	



#80
Benzo(a)anthracene
Concen: 35.58 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.0	22.6	33.8	
229	19.4	15.8	23.6	

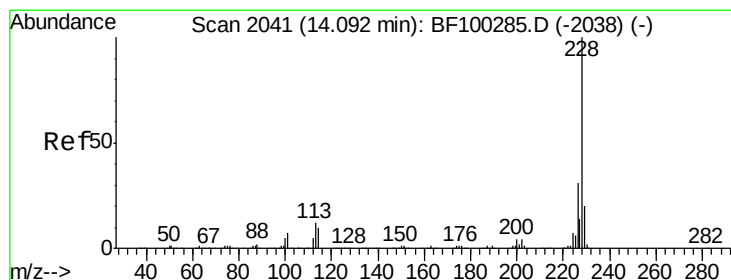
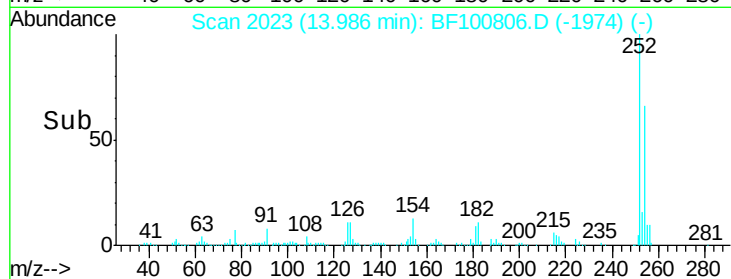
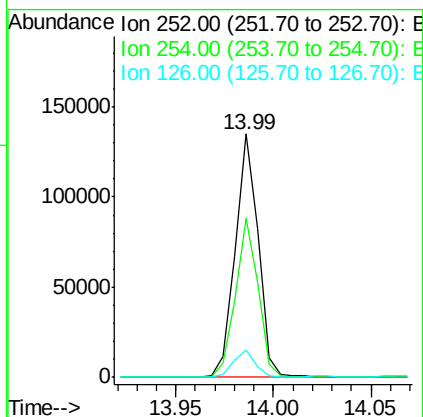
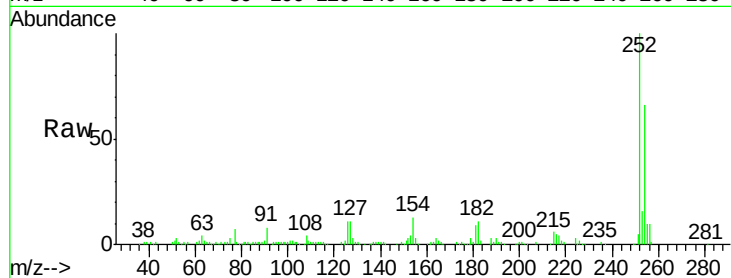




#81
 3,3'-Dichlorobenzidine
 Concen: 33.02 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

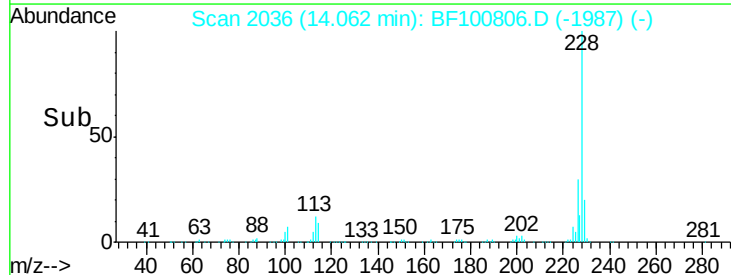
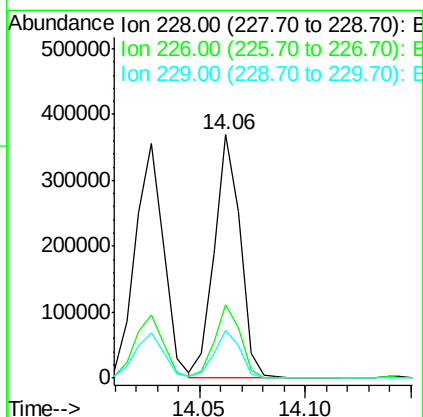
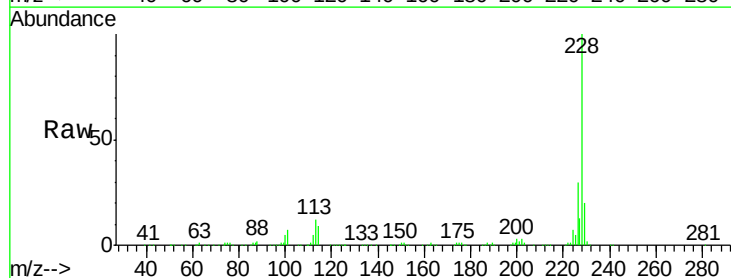
Instrument :
 BNA_F
 ClientSampleId :

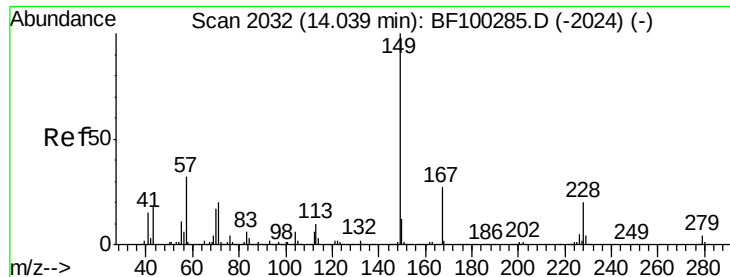
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	11.1	11.3	16.9#



#82
 Chrysene
 Concen: 34.96 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.74 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

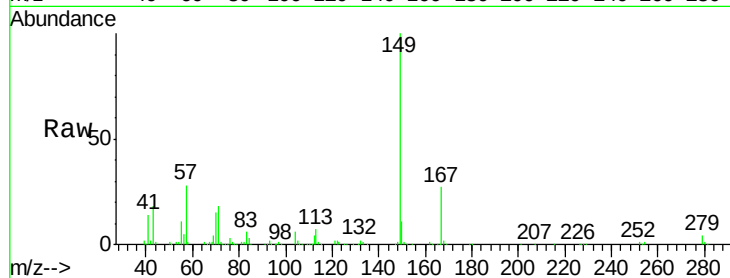
Tot Ion:149 Resp: 193485

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

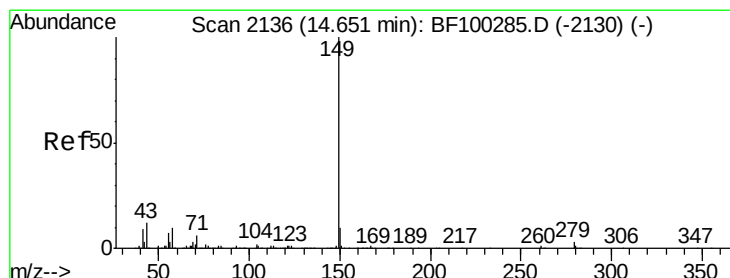
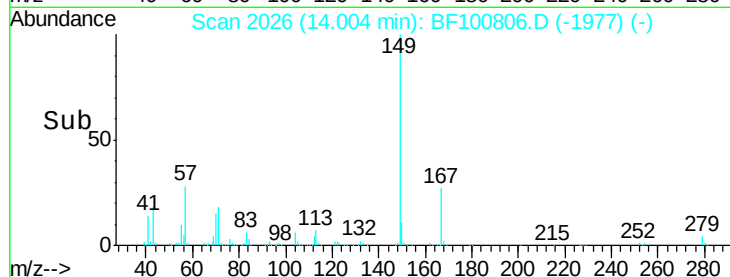
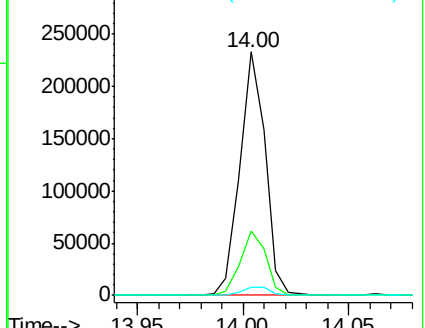
279 3.5 3.0 4.4



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: 33.70 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

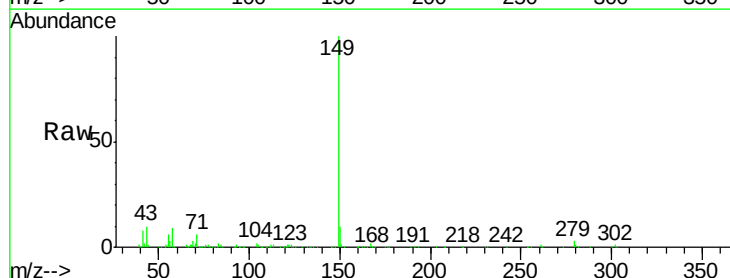
Tgt Ion:149 Resp: 342152

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

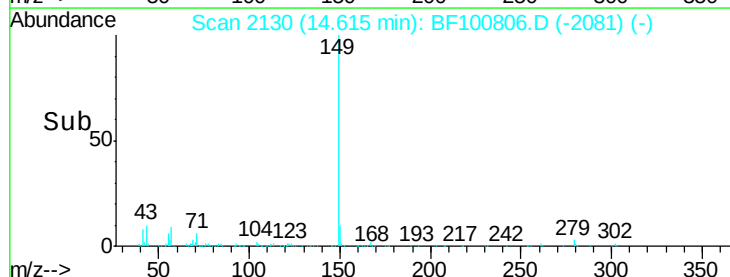
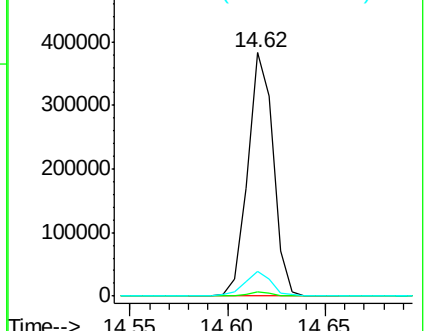
43 10.0 8.4 12.6

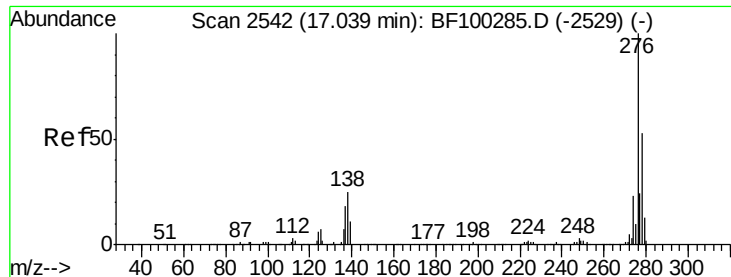


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

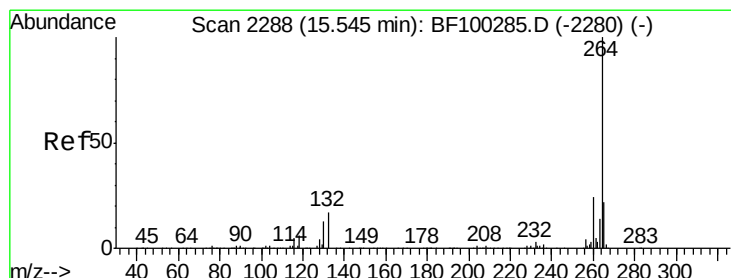
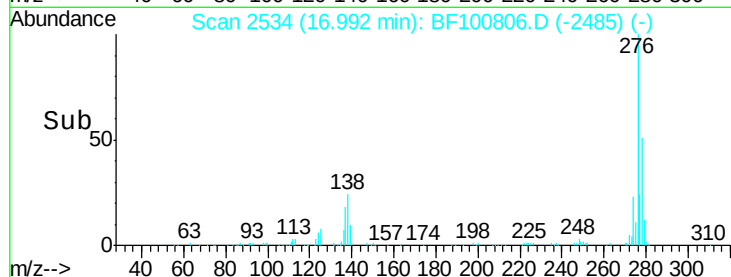
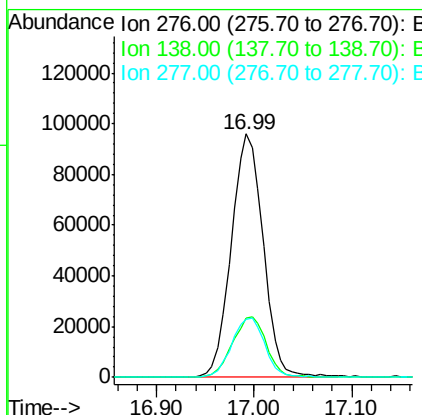
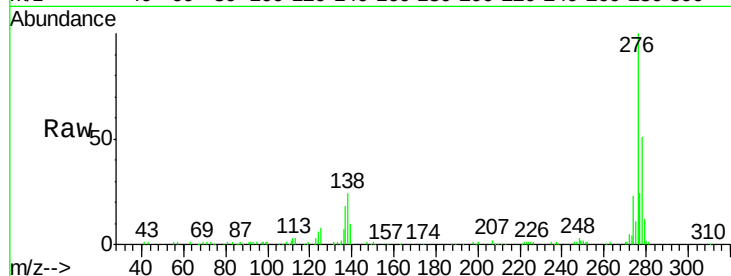




#85
Indeno(1,2,3-cd)pyrene
Concen: 29.87 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

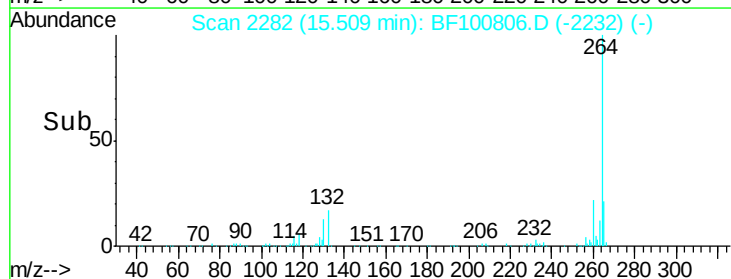
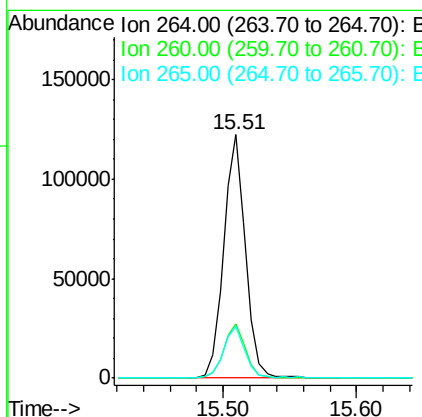
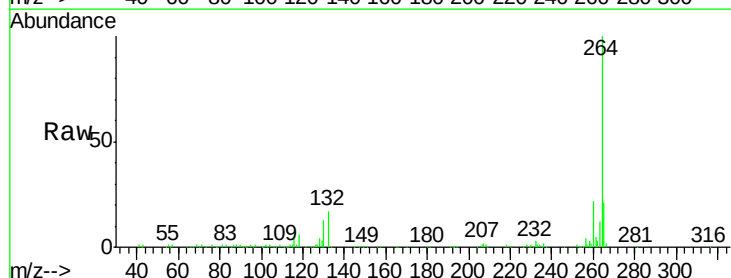
Instrument :
BNA_F
ClientSampleId :

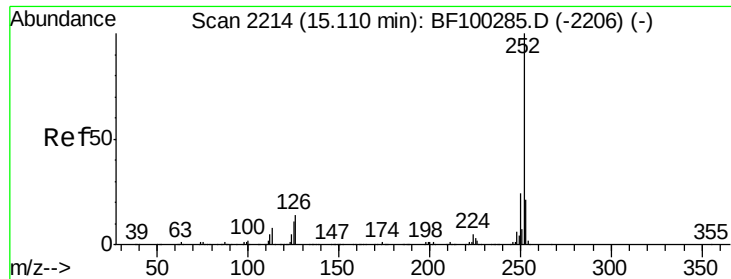
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	25.2	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	17.5	26.3

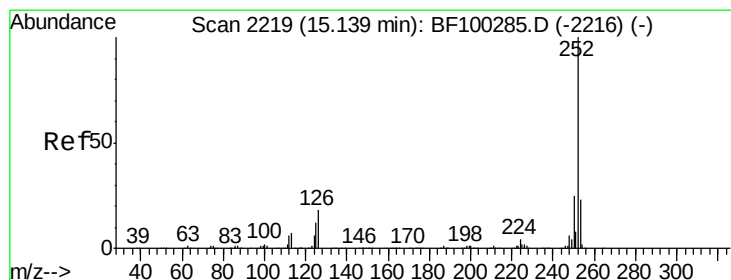
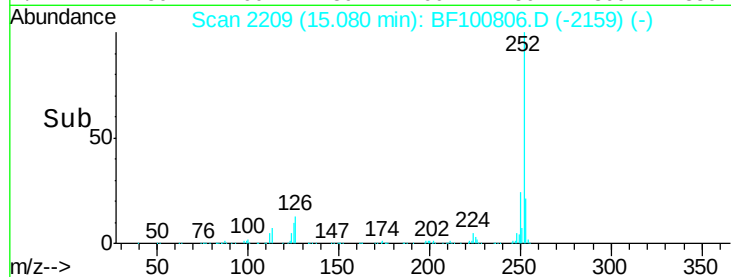
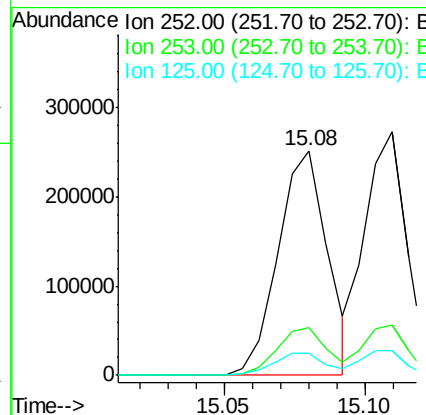
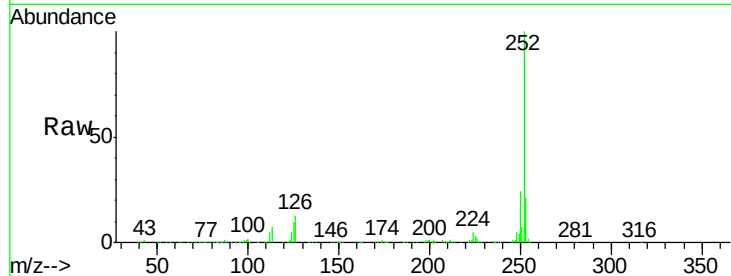




#87
Benzo(b)fluoranthene
Concen: 36.68 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

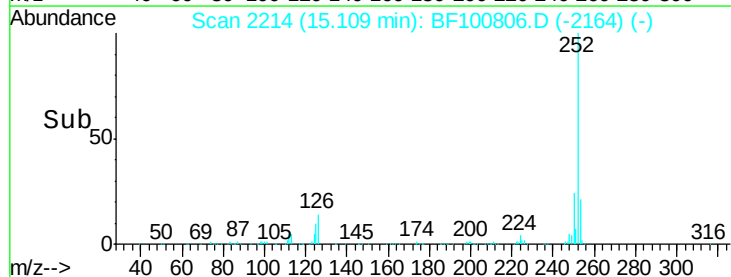
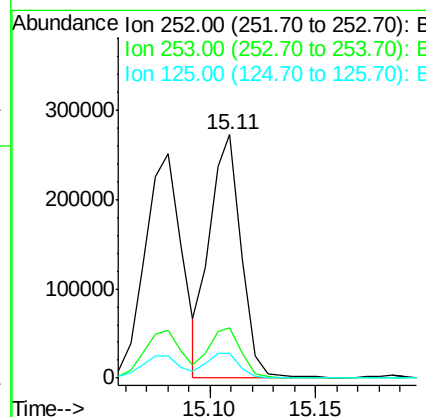
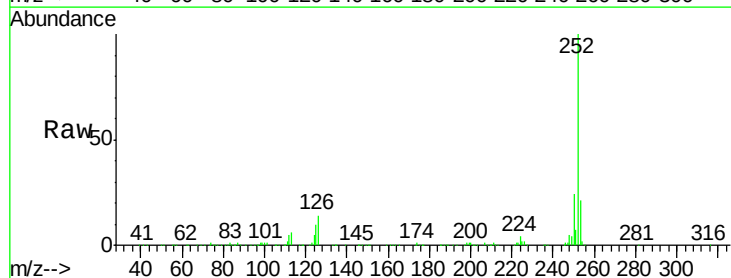
Instrument :
BNA_F
ClientSampleId :

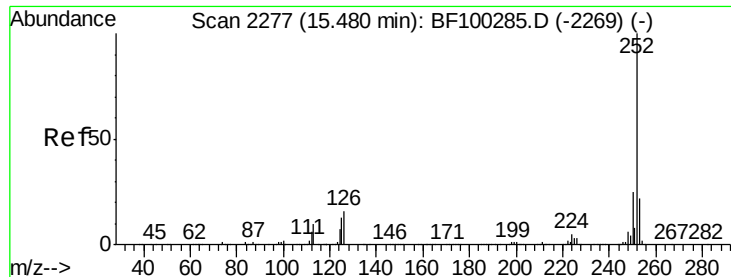
Tot Ion:252 Resp: 304768
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.92 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion:252 Resp: 282002
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 10.0 10.2 15.2#

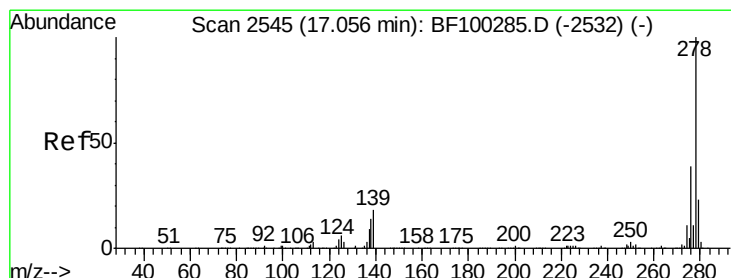
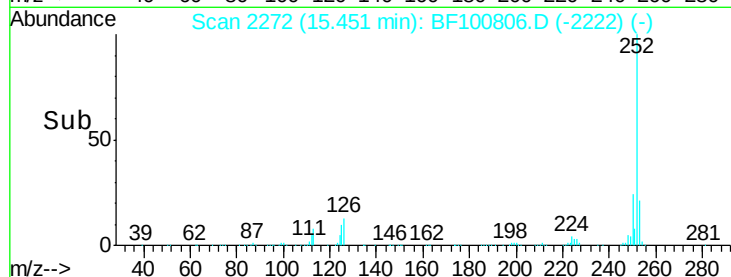
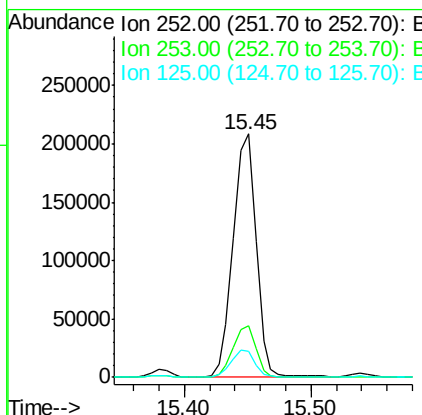
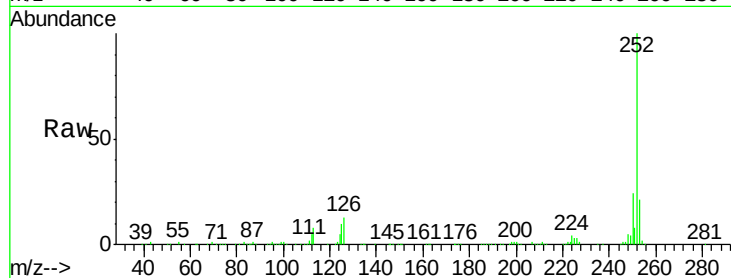




#89
Benzo(a)pyrene
Concen: 35.81 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

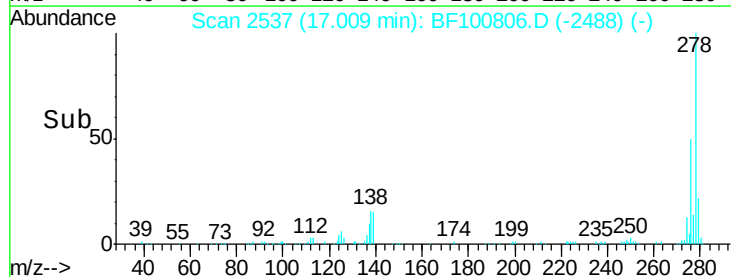
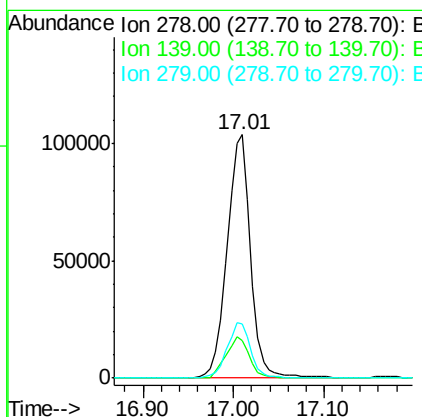
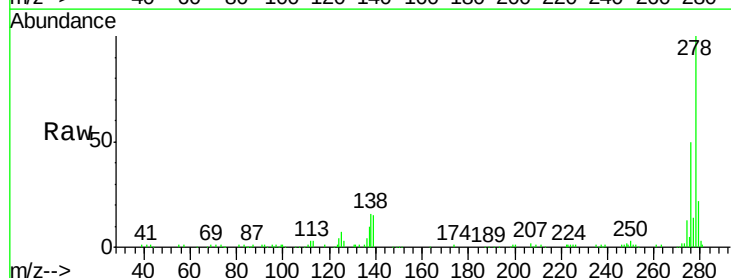
Instrument :
BNA_F
ClientSampleId :

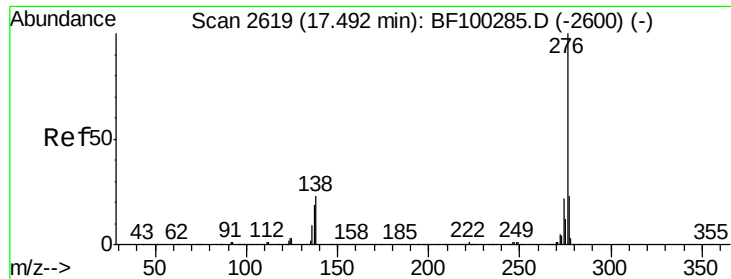
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 31.00 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	22.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.17 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	21.6	21.8	32.8

