

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100813.D
 Acq On : 22 Nov 2017 9:10
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:22:32 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	79963	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	315400	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	148773	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	301057	20.00	ng	0.00
75) Chrysene-d12	14.04	240	247308	20.00	ng	0.00
86) Perylene-d12	15.51	264	219605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	389210	78.02	ng	0.00
7) Phenol-d6	6.50	99	474574	77.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	428654	89.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	143700	94.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	869090	88.95	ng	0.00
78) Terphenyl-d14	12.99	244	895554	83.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	86251	35.480	ng	97
3) Pyridine	3.43	79	238179	35.912	ng	93
4) n-Nitrosodimethylamine	3.39	42	106108	32.952	ng	98
6) Aniline	6.54	93	312455	35.954	ng	99
8) 2-Chlorophenol	6.66	128	214742	40.692	ng	98
9) Benzaldehyde	6.43	77	145966	33.227	ng	97
10) Phenol	6.52	94	261729	40.530	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	200924	37.043	ng	96
12) 1,3-Dichlorobenzene	6.82	146	250157	41.116	ng	95
13) 1,4-Dichlorobenzene	6.89	146	251253	40.801	ng	97
14) 1,2-Dichlorobenzene	7.05	146	237294	41.677	ng	97
15) Benzyl Alcohol	7.02	79	184638	38.460	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	301298	34.731	ng	98
17) 2-Methylphenol	7.12	107	176466	39.130	ng	97
18) Hexachloroethane	7.39	117	82190	40.480	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	156038	36.577	ng	94
20) 3+4-Methylphenols	7.27	107	219859	38.526	ng	93
22) Acetophenone	7.29	105	303166	39.419	ng	# 99
24) Nitrobenzene	7.46	77	216847	44.163	ng	99
25) Isophorone	7.70	82	372838	37.191	ng	97
26) 2-Nitrophenol	7.77	139	118645	51.140	ng	87
27) 2,4-Dimethylphenol	7.80	122	182474	40.604	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	252784	38.549	ng	99
29) 2,4-Dichlorophenol	8.01	162	184611	43.031	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	202728	43.685	ng	96
31) Naphthalene	8.18	128	628576	41.377	ng	99
32) Benzoic acid	7.93	122	119990	37.431	ng	96
33) 4-Chloroaniline	8.23	127	260657	41.221	ng	97
34) Hexachlorobutadiene	8.29	225	120539	43.686	ng	99
35) Caprolactam	8.61	113	55966	38.012	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	188346	40.877	ng	98
37) 2-Methylnaphthalene	8.87	142	420955	41.738	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222274	45.049	ng	# 96
40) Hexachlorocyclopentadiene	9.02	237	88807	38.242	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100813.D
 Acq On : 22 Nov 2017 9:10
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:22:32 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

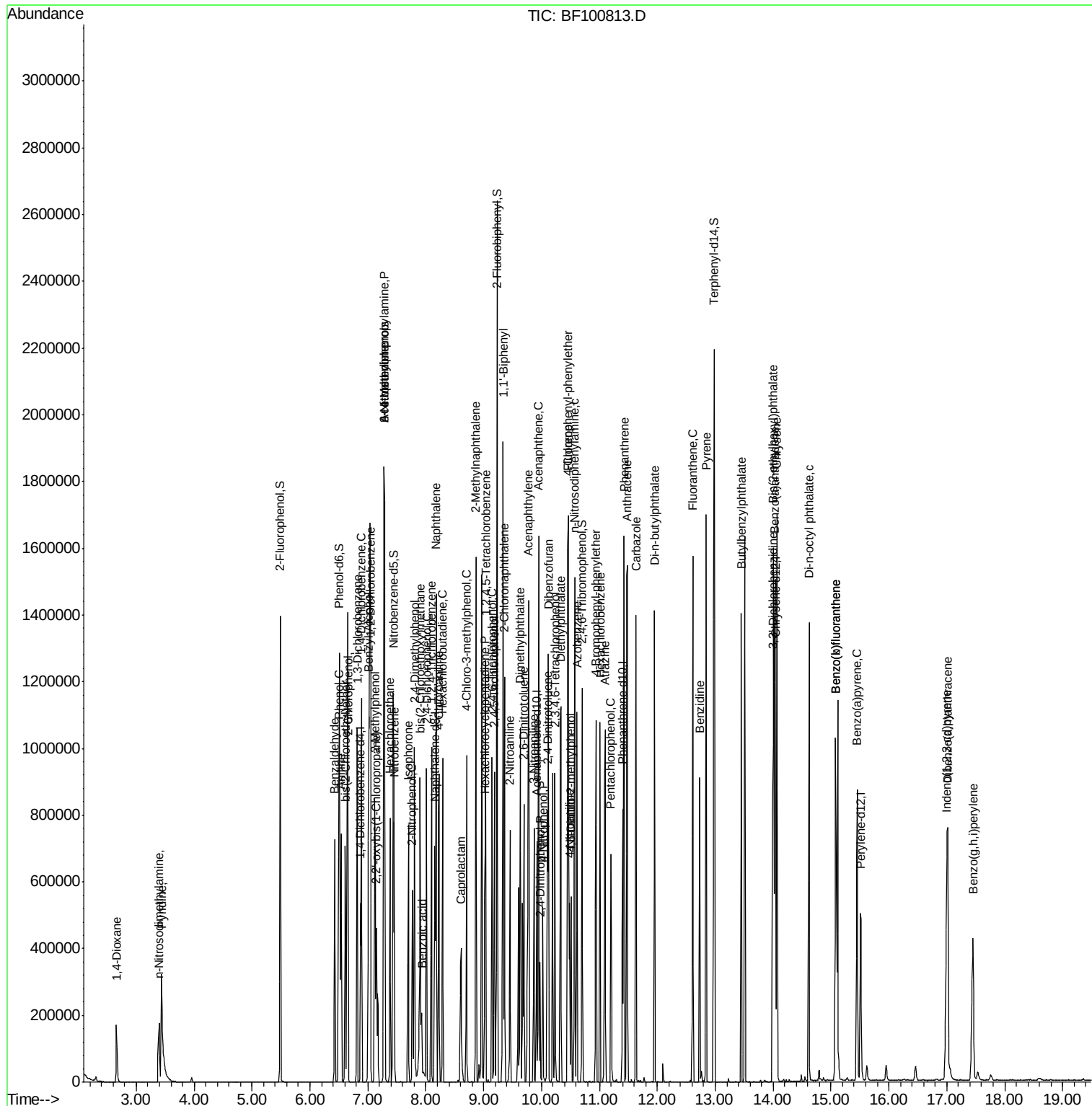
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	136652	43.699	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	149216	46.055	nq	# 91
45) 1,1'-Biphenyl	9.33	154	551671	42.874	nq	98
46) 2-Chloronaphthalene	9.36	162	406127	43.507	nq	95
47) 2-Nitroaniline	9.46	65	119919	43.738	nq	96
48) Acenaphthylene	9.77	152	660120	42.671	nq	99
49) Dimethylphthalate	9.63	163	490889	43.216	nq	99
50) 2,6-Dinitrotoluene	9.70	165	104993	46.696	nq	89
51) Acenaphthene	9.95	154	390556	41.511	nq	99
52) 3-Nitroaniline	9.87	138	117487	44.250	nq	96
53) 2,4-Dinitrophenol	9.97	184	47782	57.111	nq	# 12
54) Dibenzofuran	10.12	168	562184	42.633	nq	97
55) 4-Nitrophenol	10.02	139	86485	40.116	nq	92
56) 2,4-Dinitrotoluene	10.10	165	138709	48.901	nq	# 86
57) Fluorene	10.46	166	438803	45.424	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	113503	42.745	nq	# 85
59) Diethylphthalate	10.33	149	476413	41.911	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	220324	46.493	nq	90
61) 4-Nitroaniline	10.49	138	119465	47.452	nq	86
62) Azobenzene	10.61	77	407652	38.077	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	82836	53.335	nq	# 67
65) n-Nitrosodiphenylamine	10.57	169	430940	41.167	nq	96
66) 4-Bromophenyl-phenylether	10.94	248	137750	42.683	nq	91
67) Hexachlorobenzene	11.01	284	145276	43.040	nq	# 87
68) Atrazine	11.10	200	133319	42.074	nq	98
69) Pentachlorophenol	11.20	266	90824	37.526	nq	97
70) Phenanthrene	11.43	178	657815	41.500	nq	99
71) Anthracene	11.48	178	661370	41.125	nq	99
72) Carbazole	11.63	167	604777	40.757	nq	98
73) Di-n-butylphthalate	11.95	149	763717	43.981	nq	99
74) Fluoranthene	12.62	202	704648	41.945	nq	95
76) Benzidine	12.73	184	350243	35.363	nq	99
77) Pyrene	12.85	202	713043	40.447	nq	99
79) Butylbenzylphthalate	13.45	149	319268	44.408	nq	94
80) Benzo(a)anthracene	14.03	228	641490	43.074	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	221169	41.449	nq	# 97
82) Chrysene	14.07	228	581301	40.308	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	445484	47.112	nq	99
84) Di-n-octyl phthalate	14.62	149	734905	45.241	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	463232	39.711	nq	94
87) Benzo(b)fluoranthene	15.08	252	566205	43.519	nq	98
88) Benzo(k)fluoranthene	15.08	252	566205	46.059	nq	98
89) Benzo(a)pyrene	15.46	252	480328	41.644	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	390524	41.401	nq	98
91) Benzo(g,h,i)perylene	17.45	276	375735	40.692	nq	94

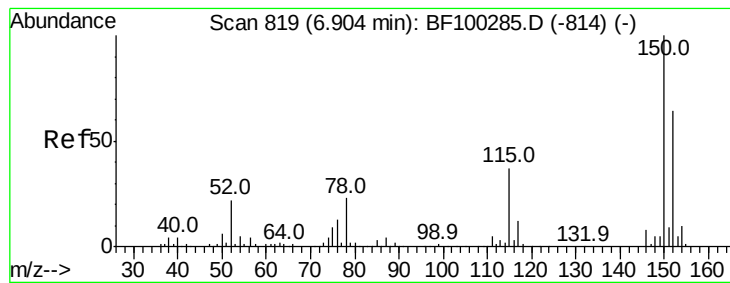
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100813.D
Acq On : 22 Nov 2017 9:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 17:22:32 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



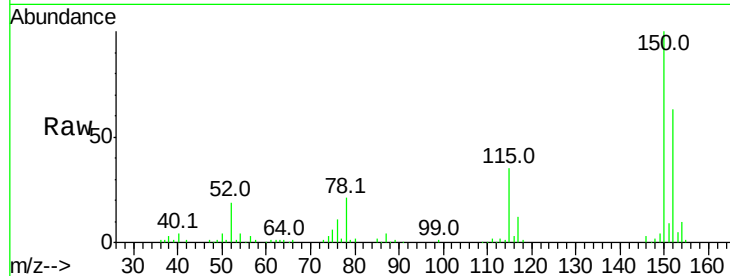


#1

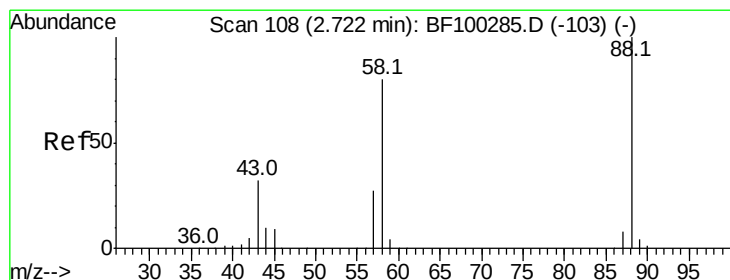
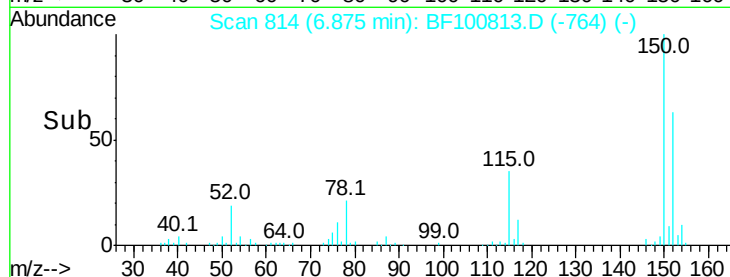
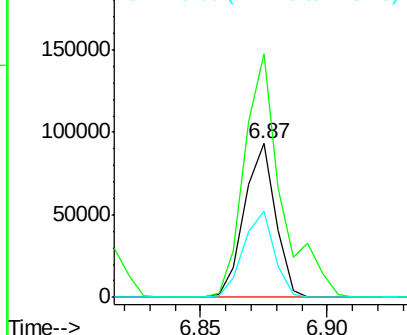
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79963
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 55.8 50.1 75.1



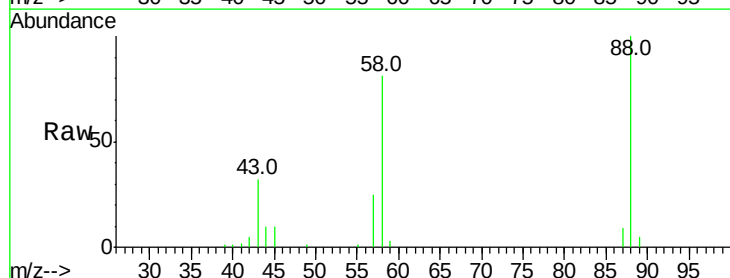
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



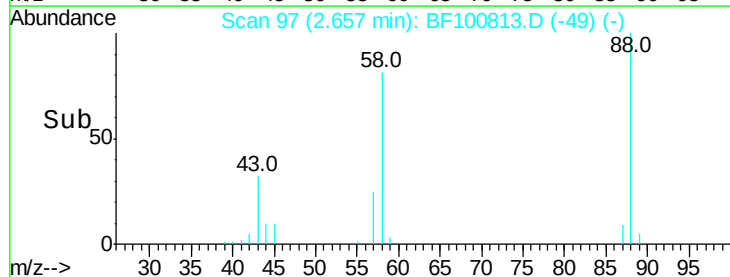
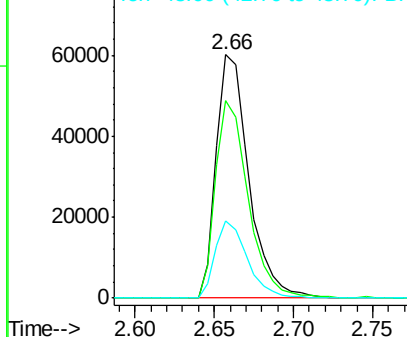
#2

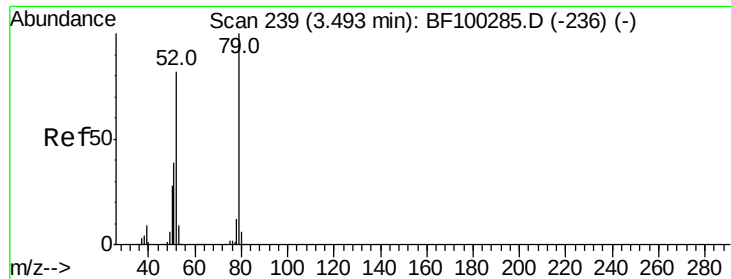
1,4-Dioxane
Concen: 35.480 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.02 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion: 88 Resp: 86251
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 31.2 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.912 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampled :

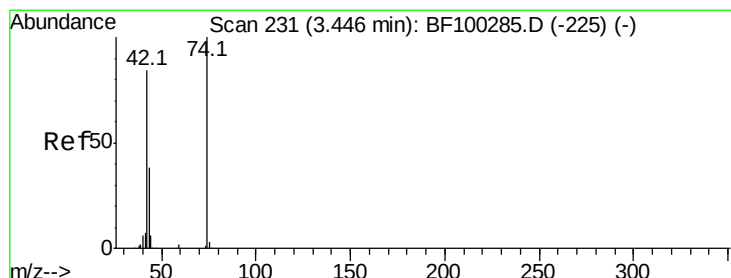
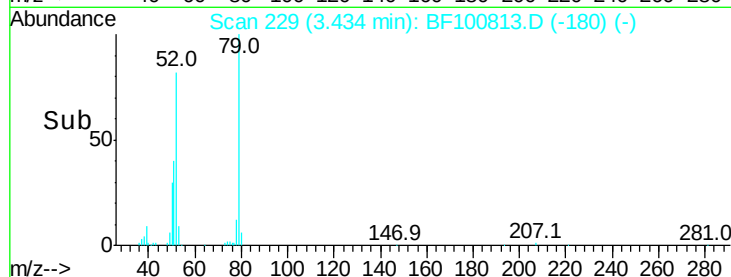
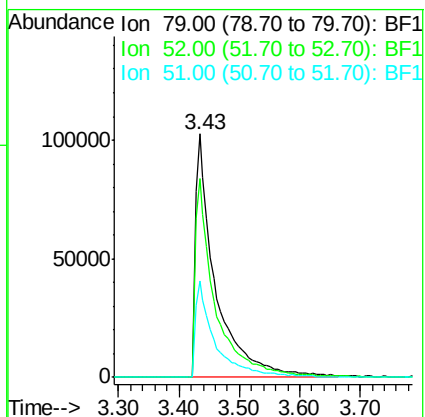
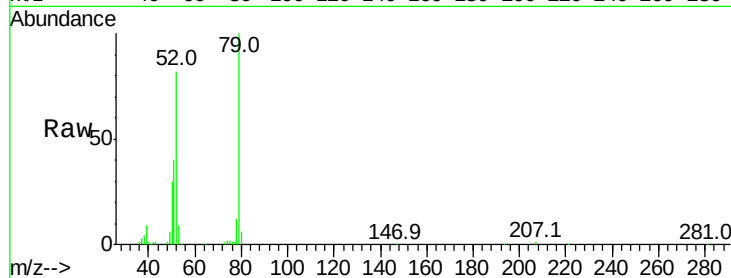
Tot Ion: 79 Resp: 238179

Ion Ratio Lower Upper

79 100

52 81.5 59.8 89.6

51 39.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.952 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

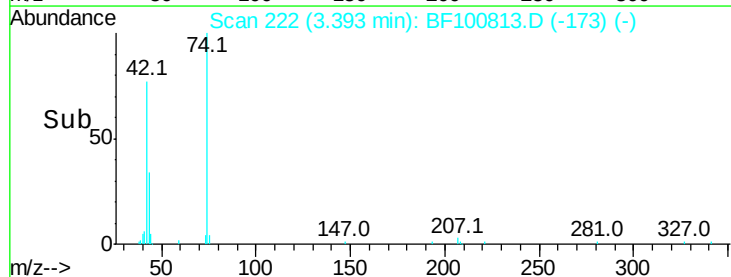
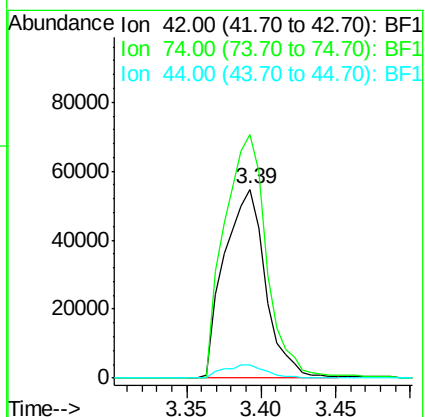
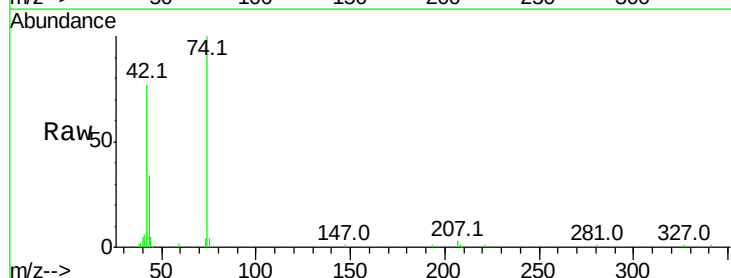
Tgt Ion: 42 Resp: 106108

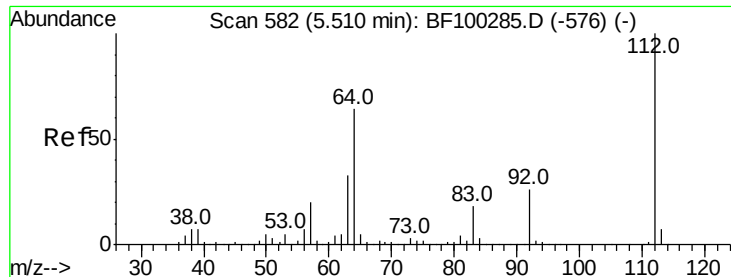
Ion Ratio Lower Upper

42 100

74 129.1 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 78.023 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampled :

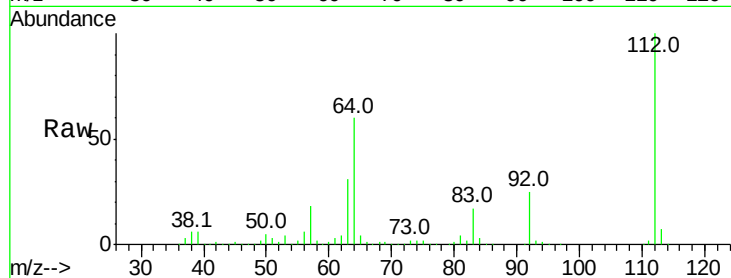
Tot Ion:112 Resp: 389210

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

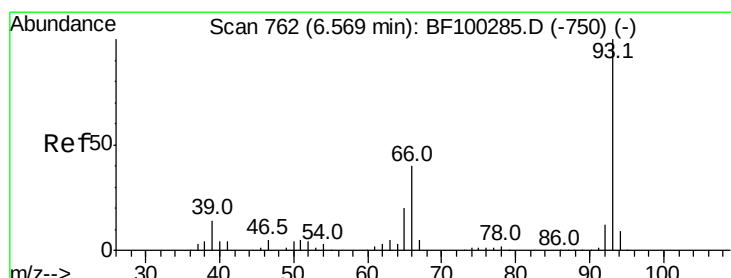
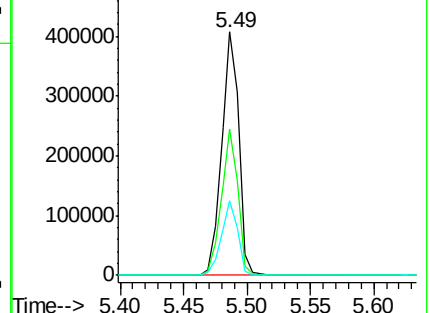
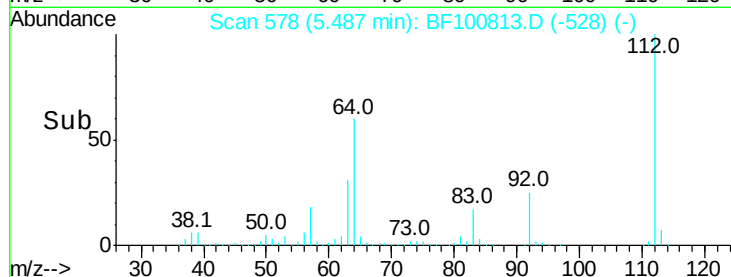
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.954 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

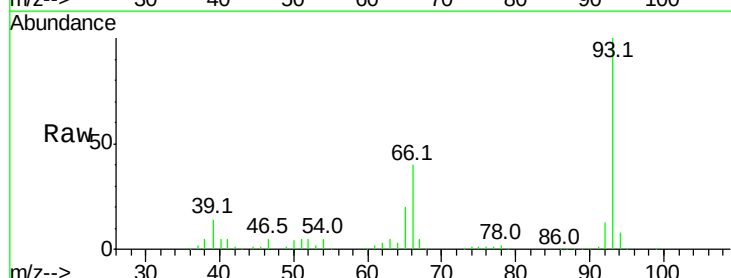
Tgt Ion: 93 Resp: 312455

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

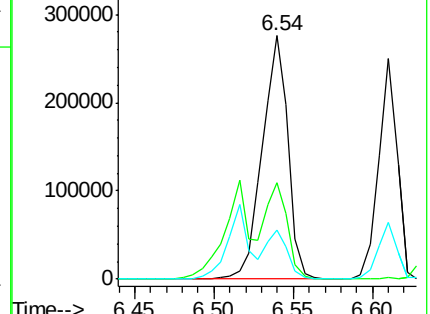
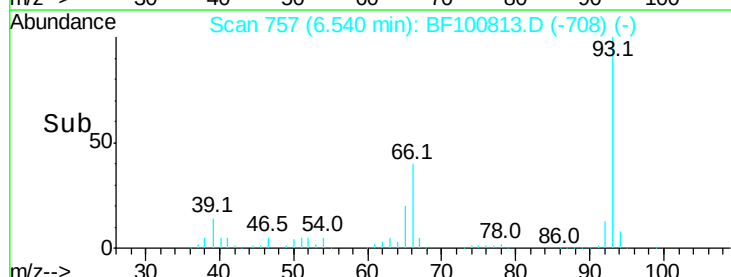
65 20.1 16.4 24.6

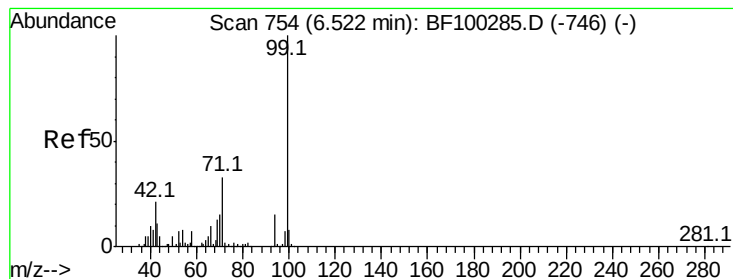


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.150 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

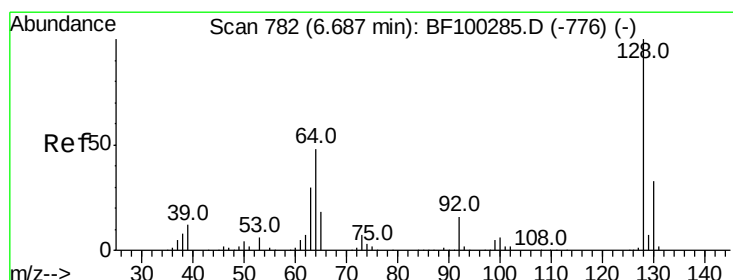
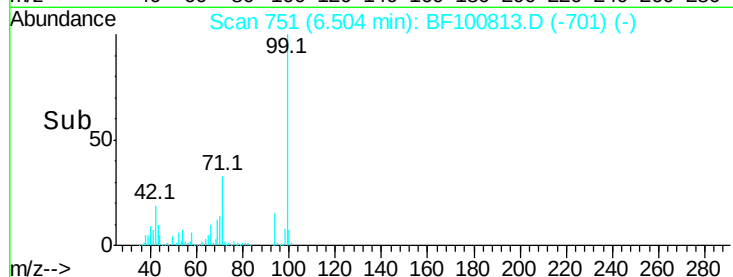
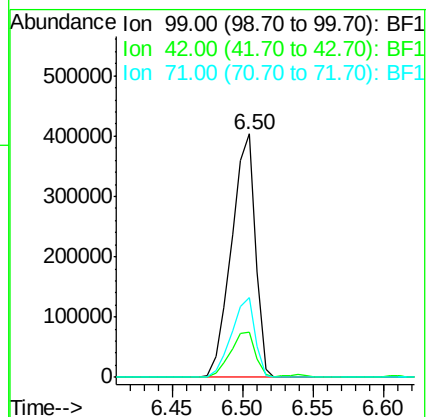
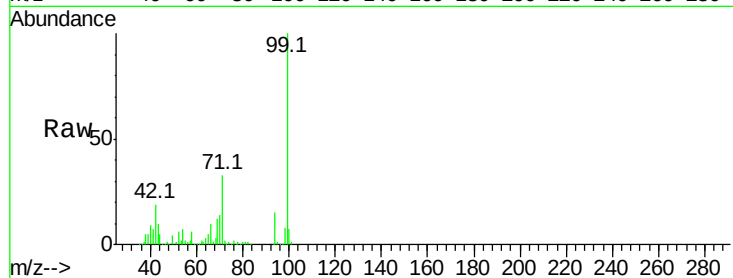
Tot Ion: 99 Resp: 474574

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.6 25.4 38.0



#8

2-Chlorophenol

Concen: 40.692 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

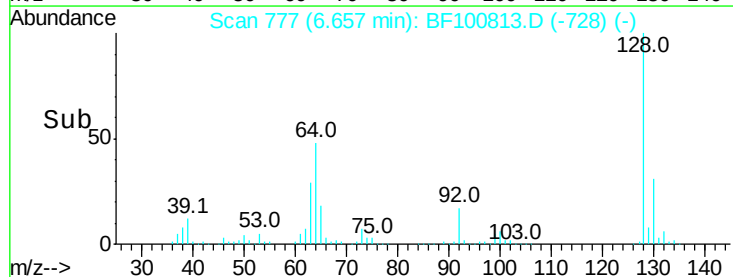
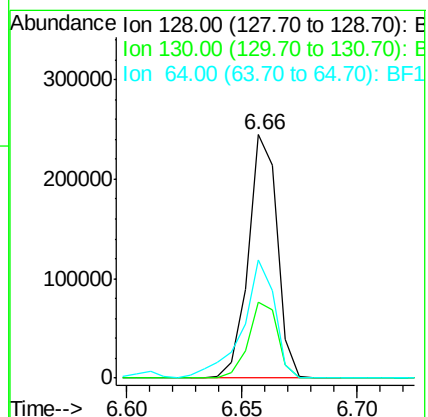
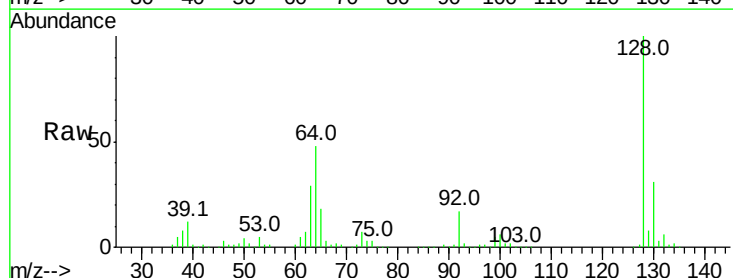
Tgt Ion: 128 Resp: 214742

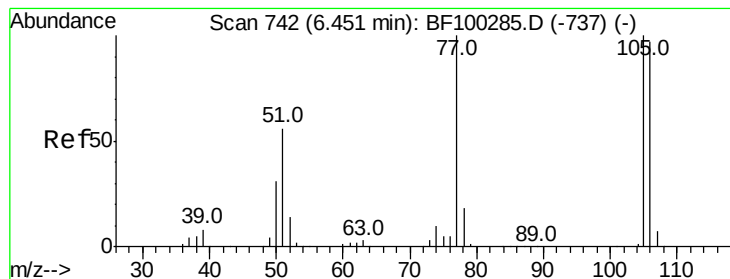
Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

64 48.4 29.4 69.4





#9

Benzaldehyde

Concen: 33.227 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

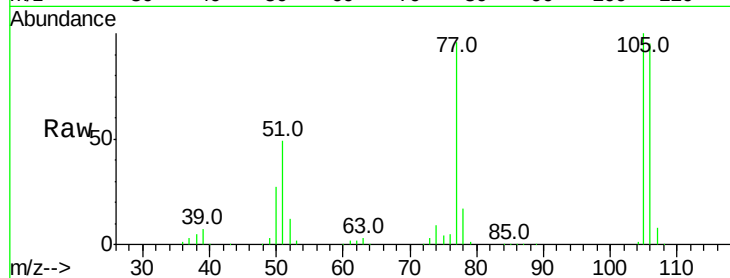
Tot Ion: 77 Resp: 145966

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

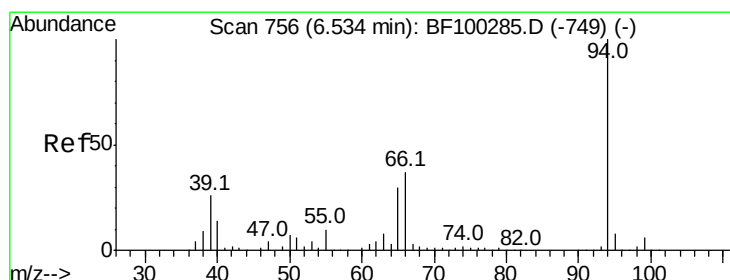
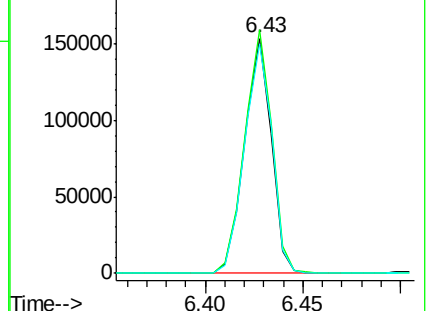
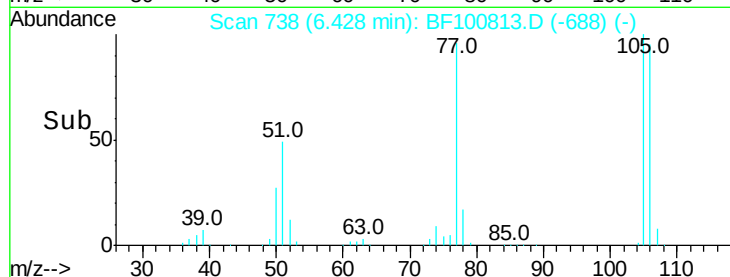
106 98.0 74.5 114.5



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: 40.530 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

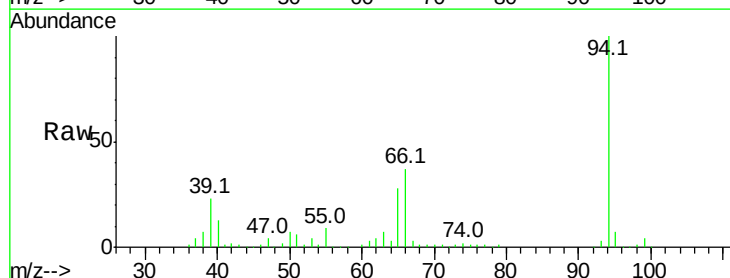
Tgt Ion: 94 Resp: 261729

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

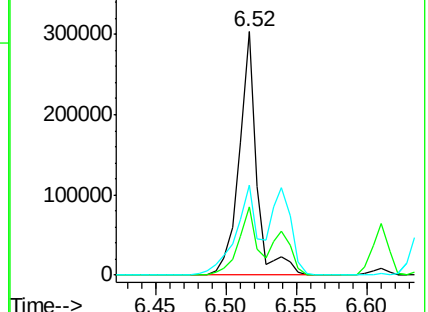
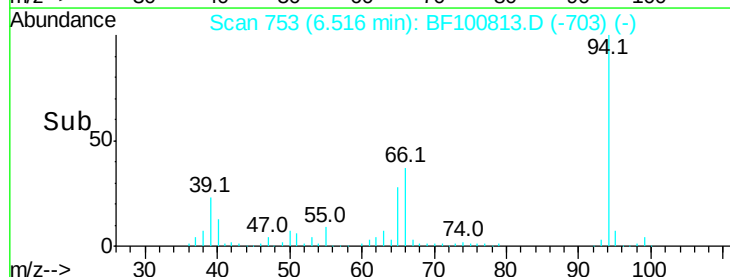
66 37.2 16.2 56.2

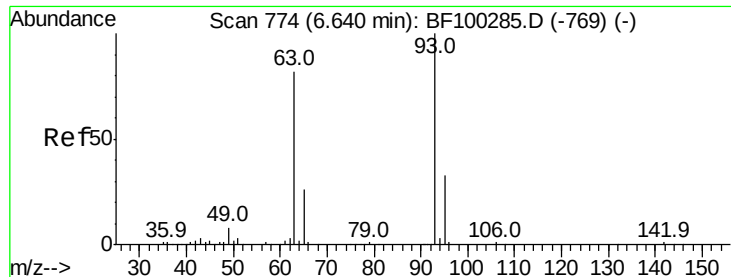


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.043 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

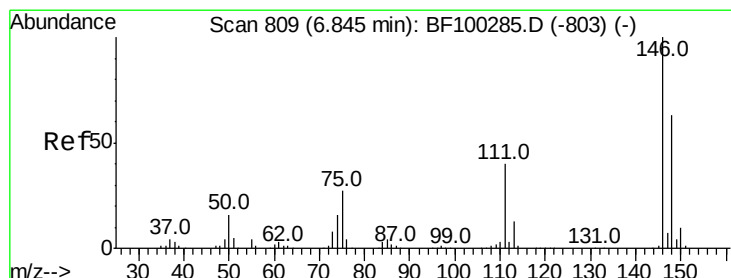
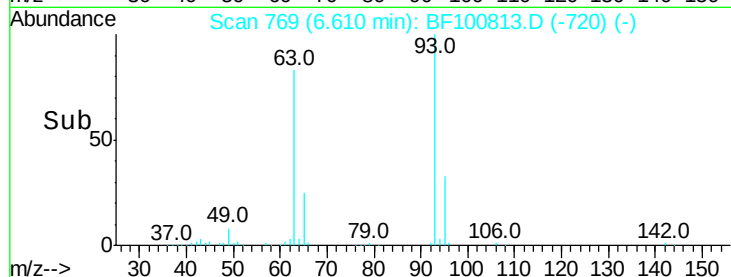
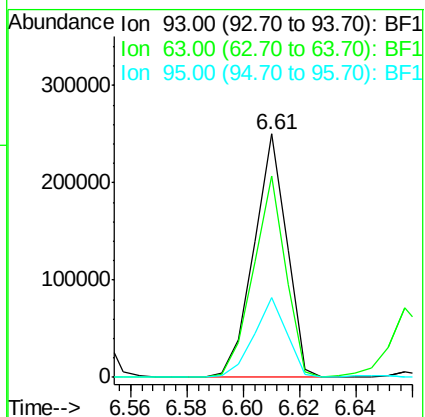
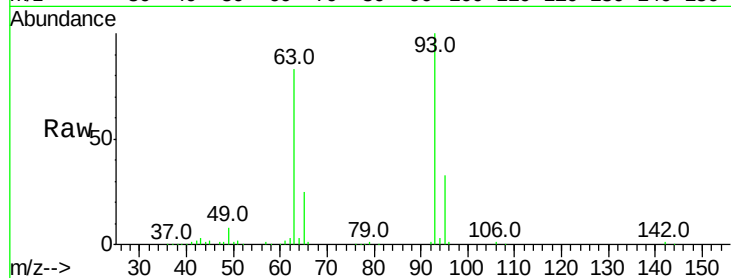
Tot Ion: 93 Resp: 200924

Ion Ratio Lower Upper

93 100

63 82.6 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.116 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

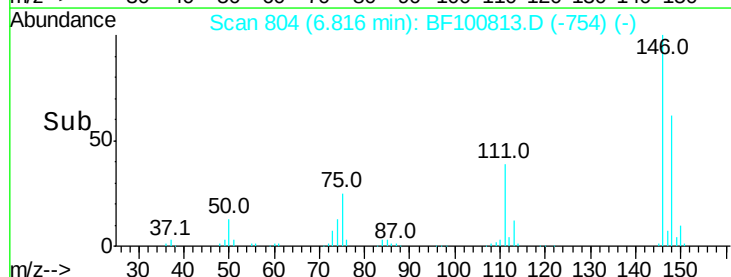
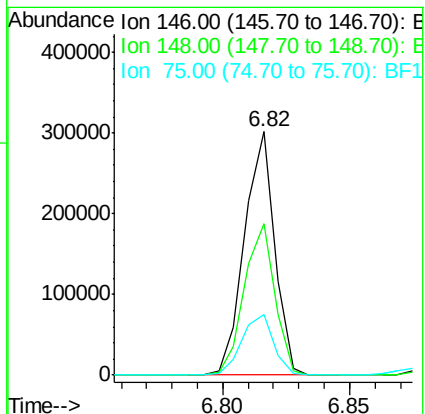
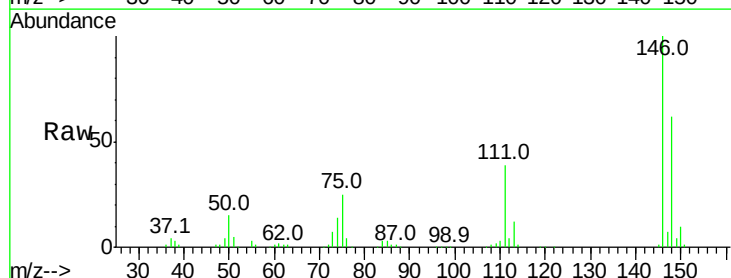
Tgt Ion: 146 Resp: 250157

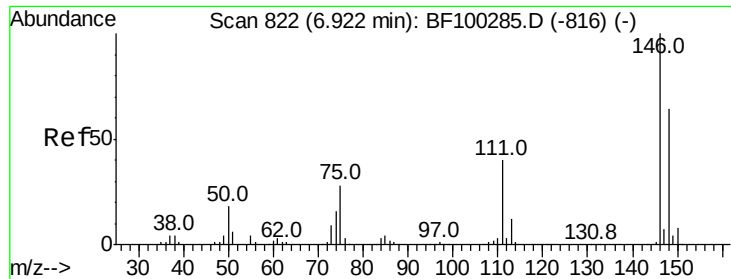
Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.8

75 24.9 24.2 36.4

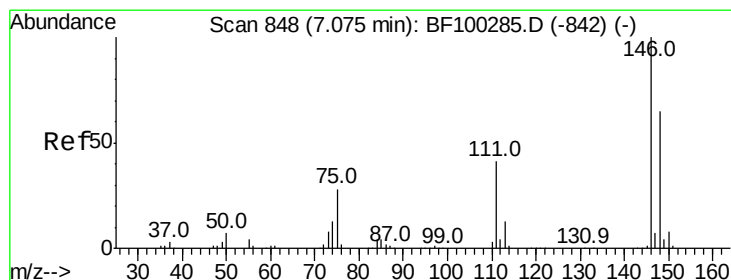
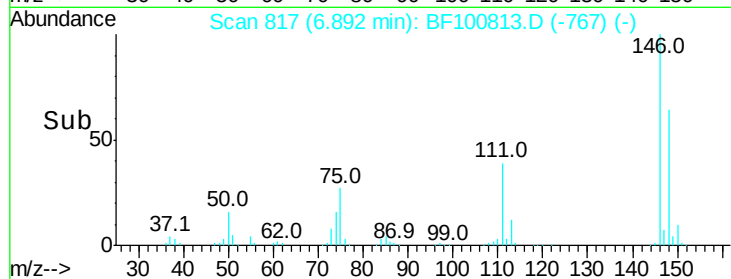
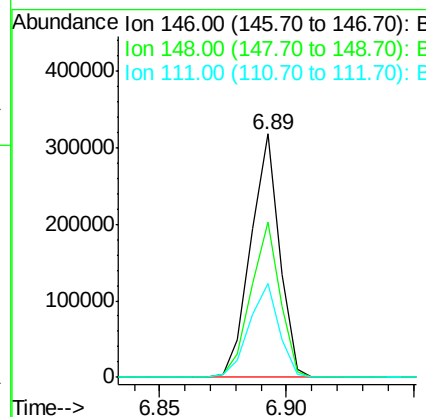
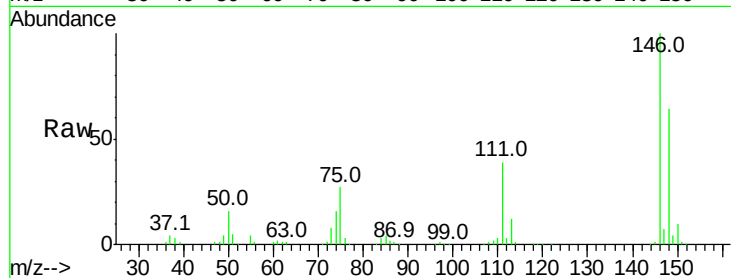




#13
 1,4-Dichlorobenzene
 Concen: 40.801 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

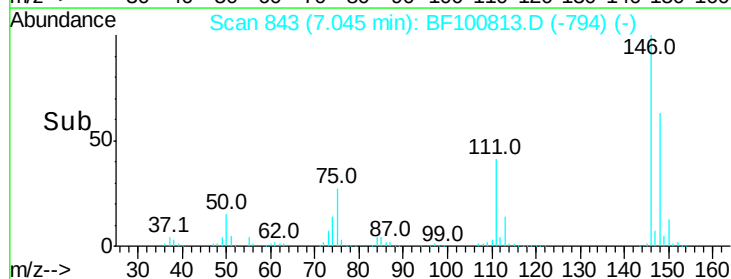
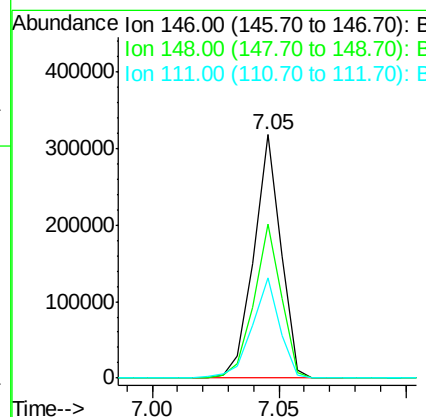
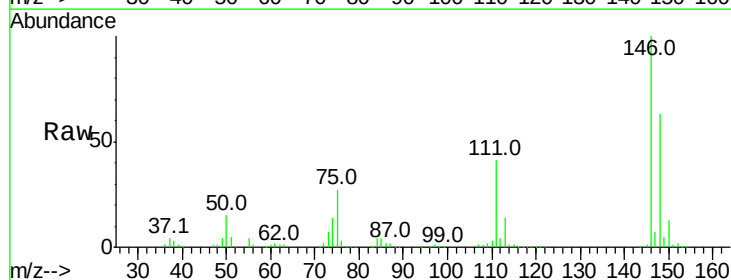
Instrument :
 BNA_F
 ClientSampleId :

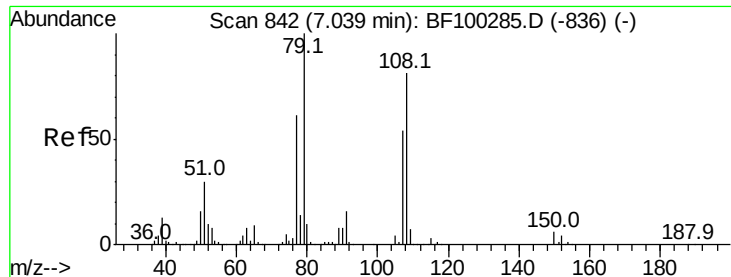
Tot Ion:146 Resp: 251253
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 38.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.677 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:146 Resp: 237294
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 41.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.460 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

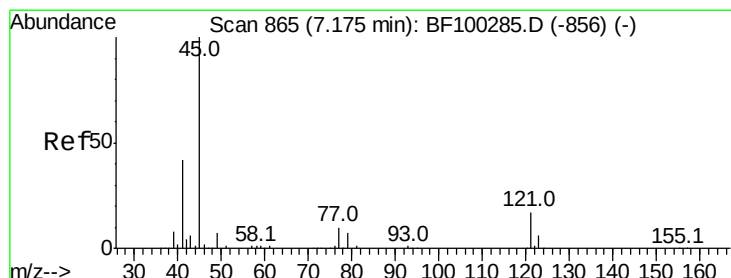
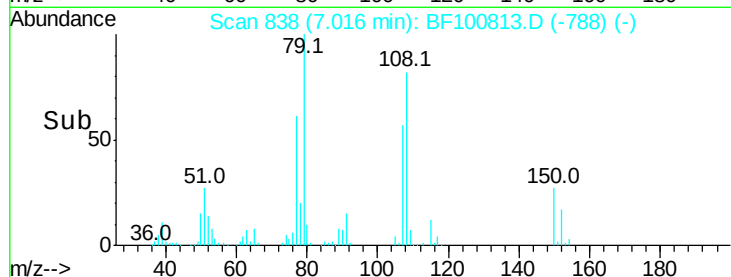
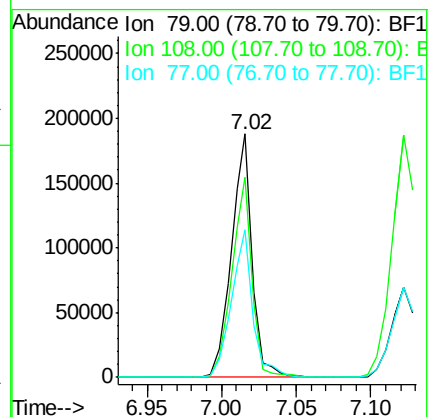
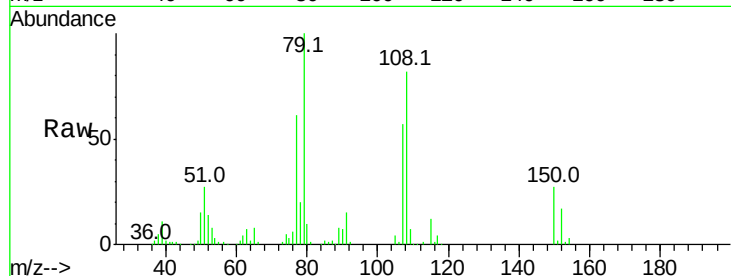
Tot Ion: 79 Resp: 184638

Ion Ratio Lower Upper

79 100

108 81.9 65.1 97.7

77 60.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.731 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

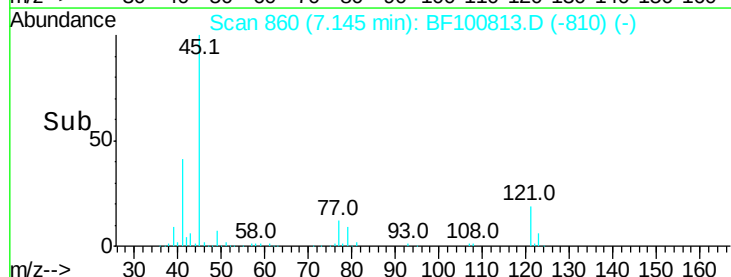
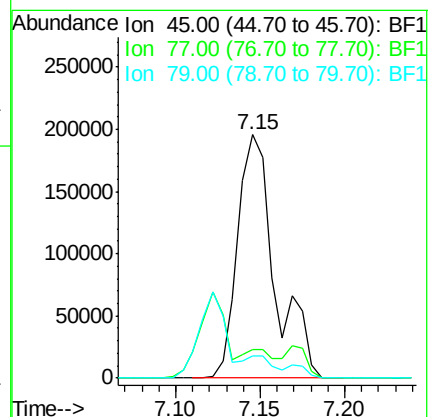
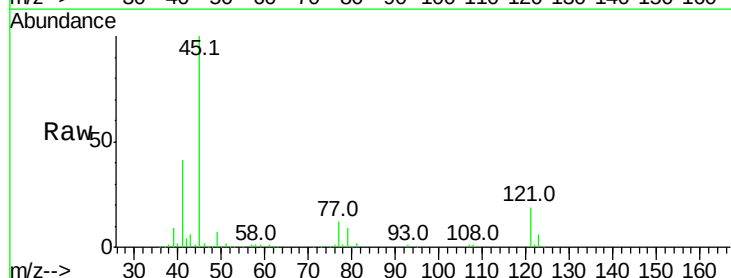
Tgt Ion: 45 Resp: 301298

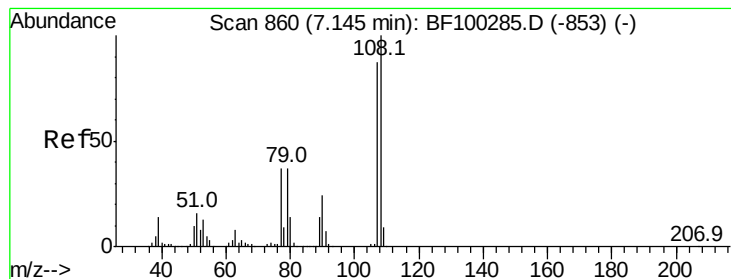
Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.9

79 9.4 0.0 29.6

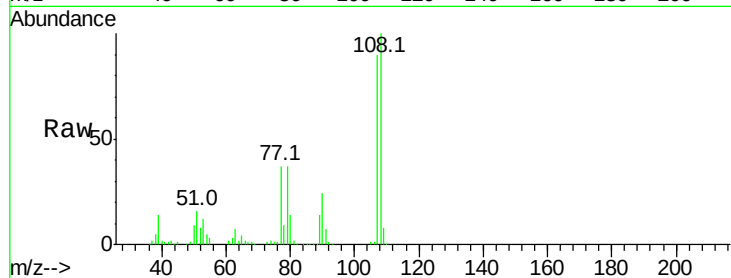




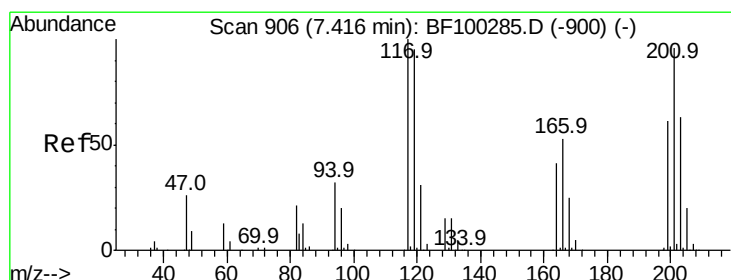
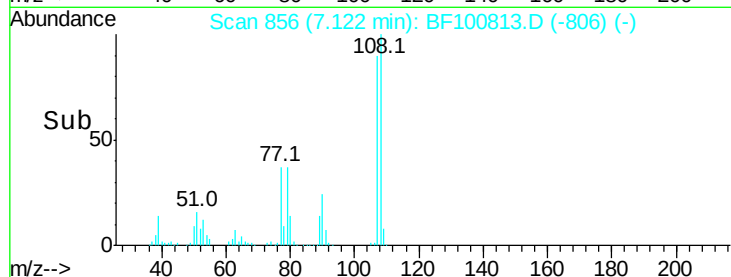
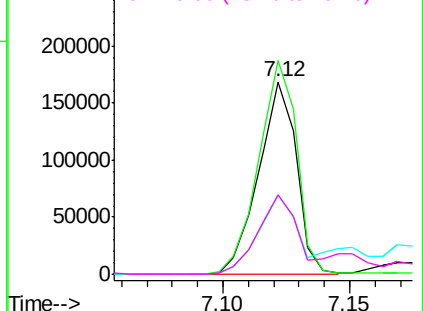
#17
2-Methylphenol
Concen: 39.130 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 176466
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 41.0 33.8 50.8
79 40.9 33.8 50.8

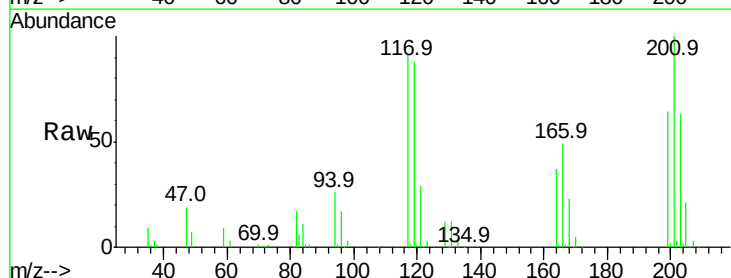


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

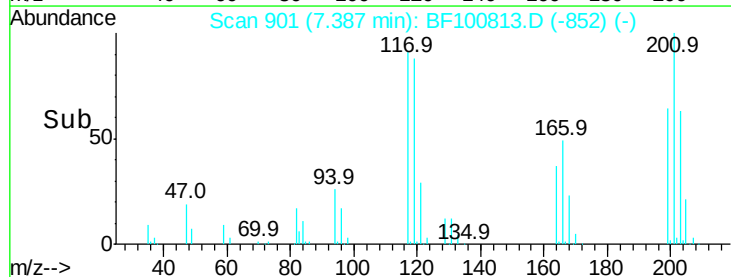
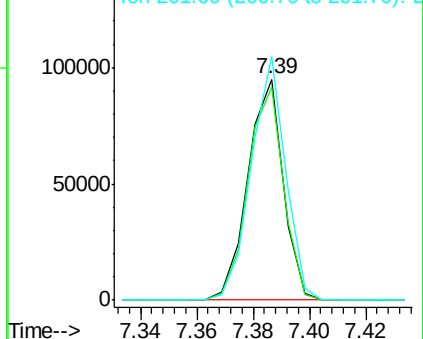


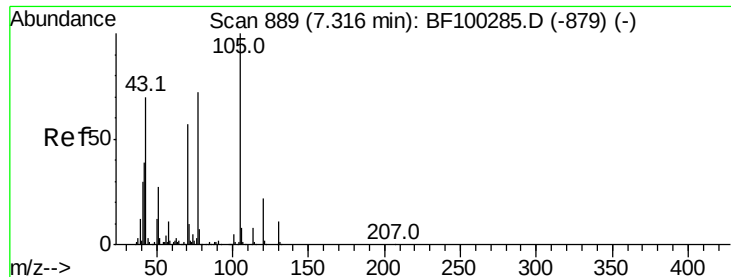
#18
Hexachloroethane
Concen: 40.480 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:117 Resp: 82190
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 110.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

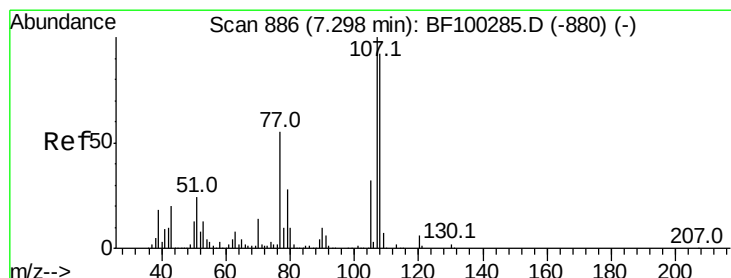
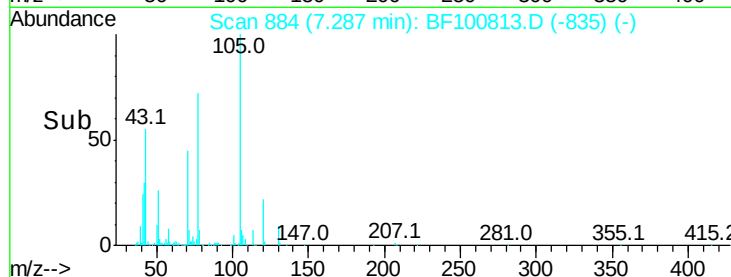
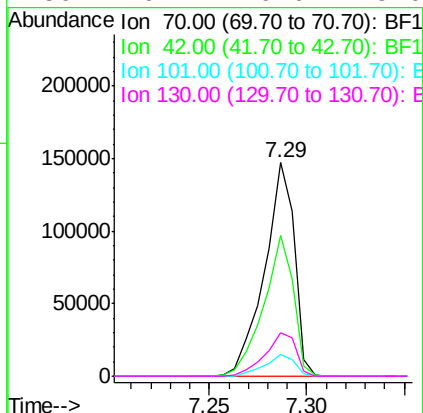
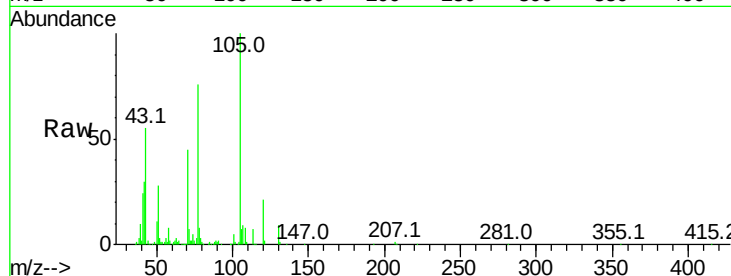




#19
n-Nitroso-di-n-propylamine
Concen: 36.577 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

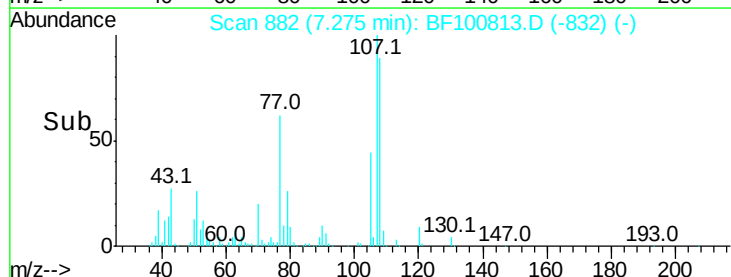
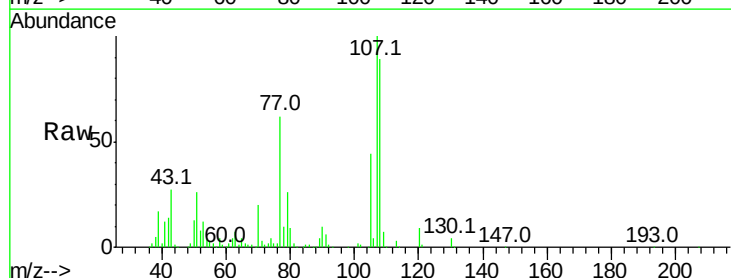
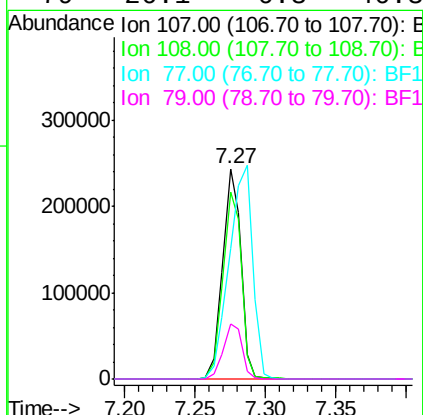
Instrument :
BNA_F
ClientSampleId :

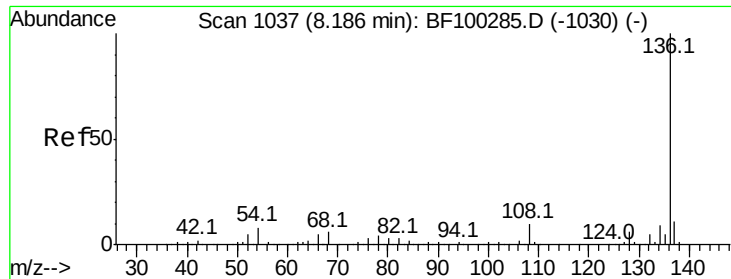
Tot Ion:	70	Resp:	156038
Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	10.4	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.526 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:	107	Resp:	219859
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	62.2	26.7	66.7
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 315400

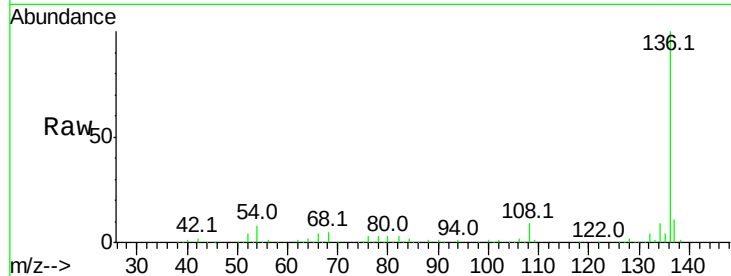
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.1 5.0 7.4

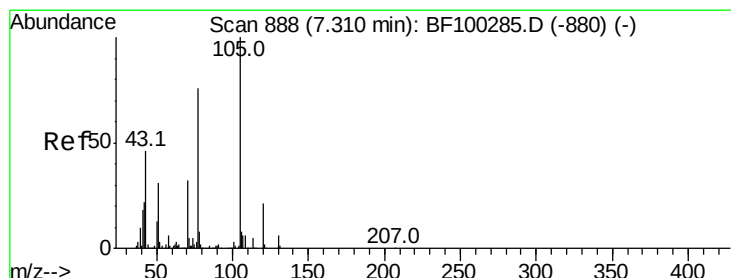
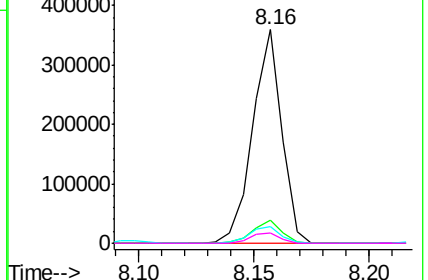
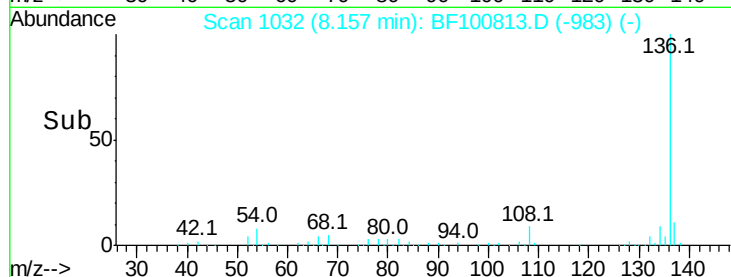


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.419 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Tgt Ion:105 Resp: 303166

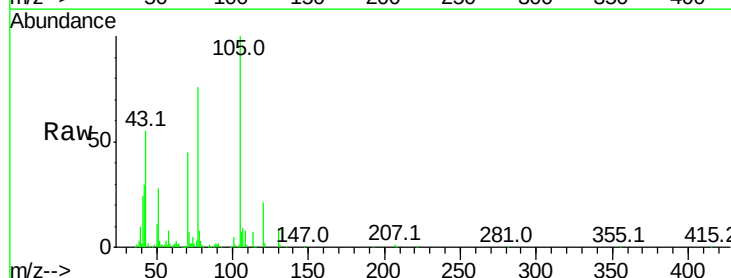
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 27.9 22.3 33.5

120 21.4 16.9 25.3

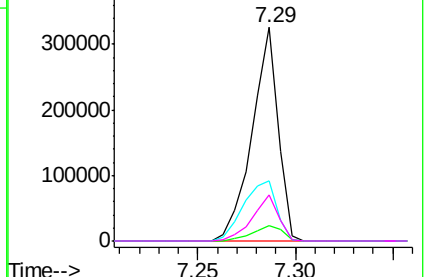
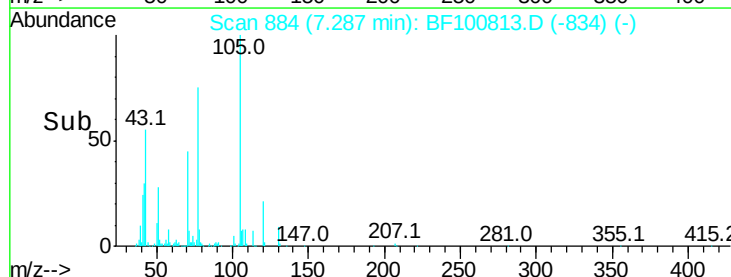


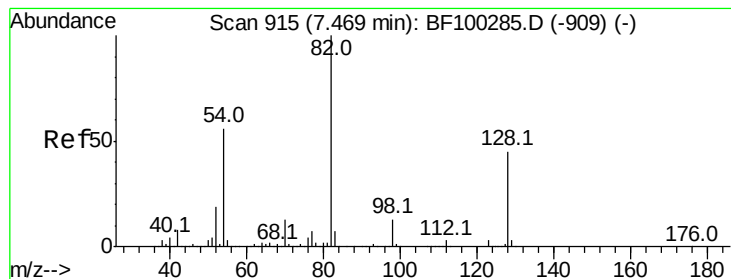
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.853 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

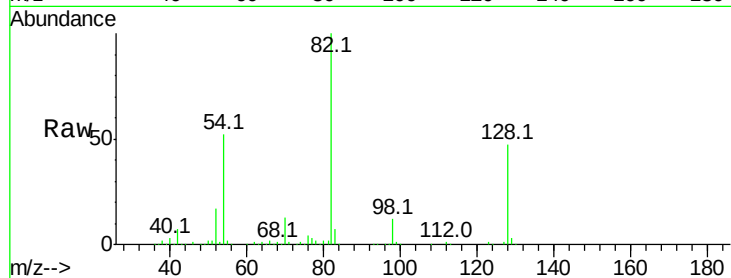
Tot Ion: 82 Resp: 428654

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

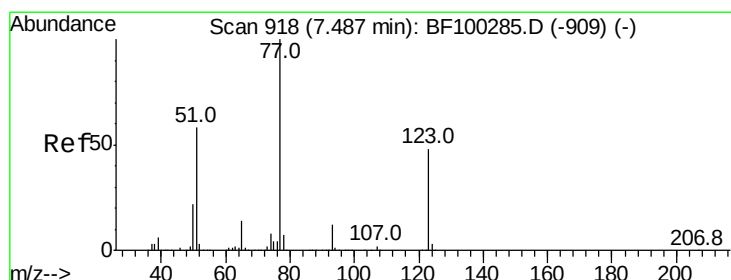
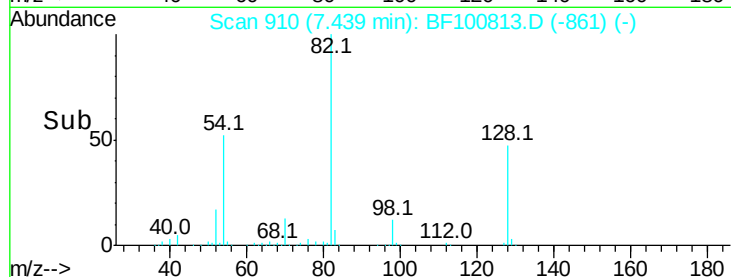
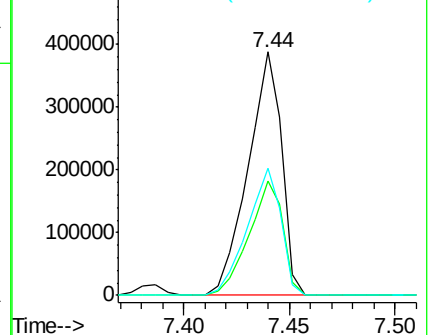
54 52.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.163 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

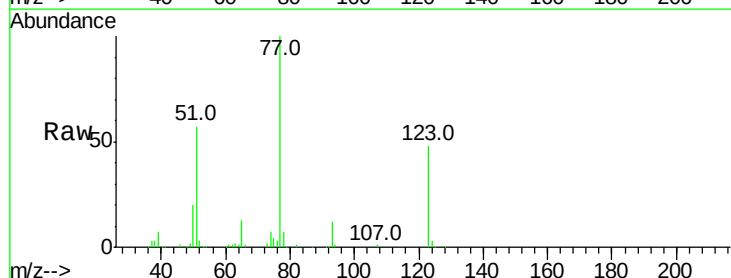
Tgt Ion: 77 Resp: 216847

Ion Ratio Lower Upper

77 100

123 48.3 37.9 56.9

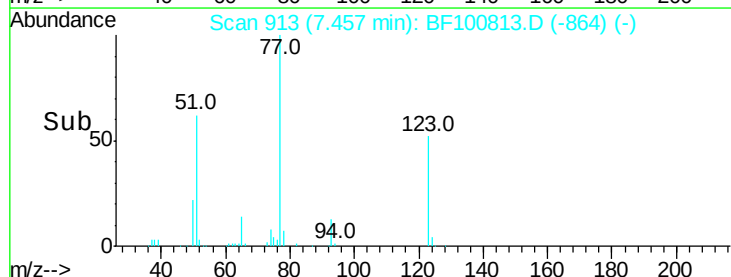
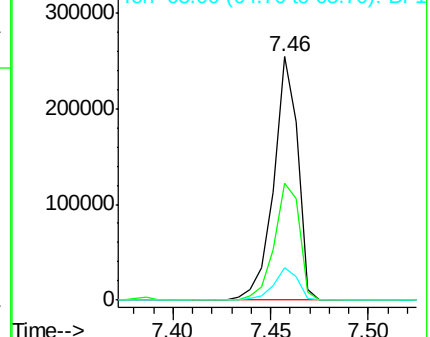
65 13.2 11.0 16.4

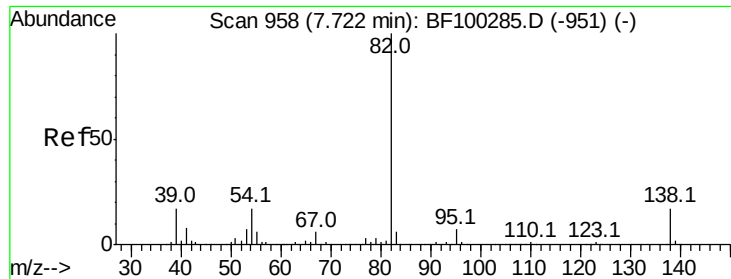


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.191 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

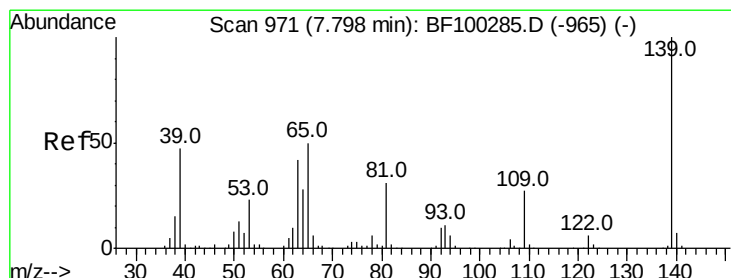
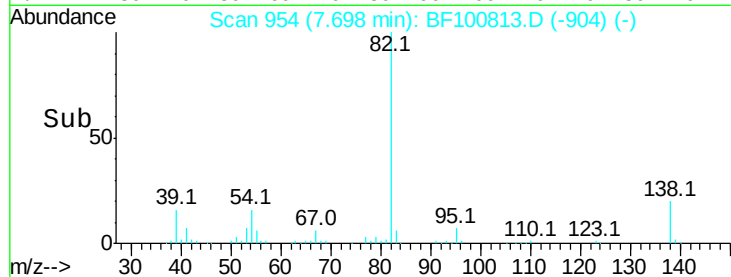
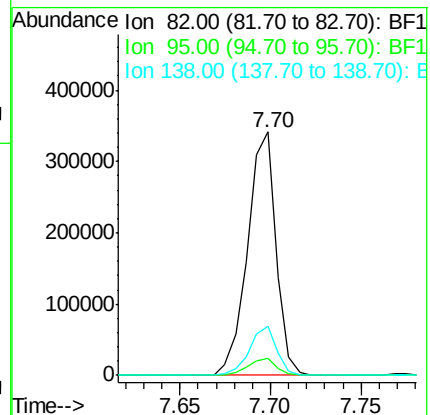
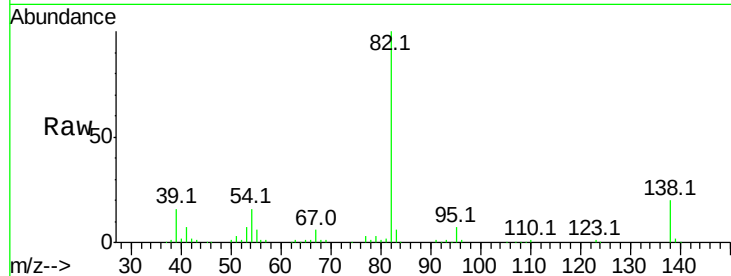
Tot Ion: 82 Resp: 372838

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 51.140 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

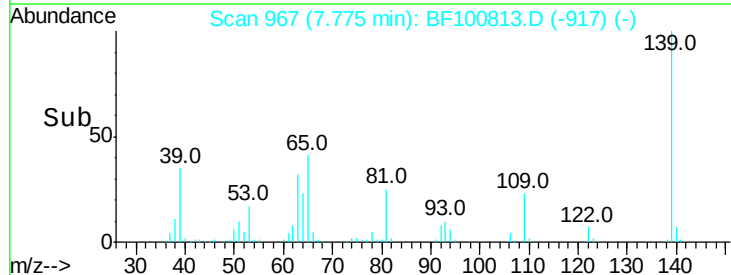
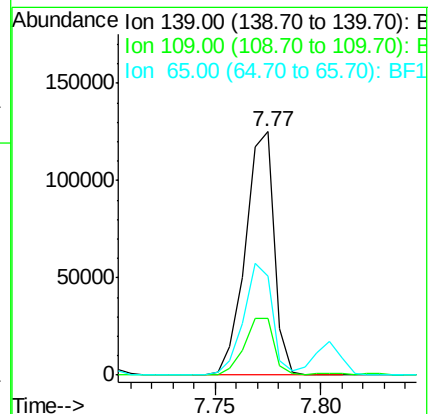
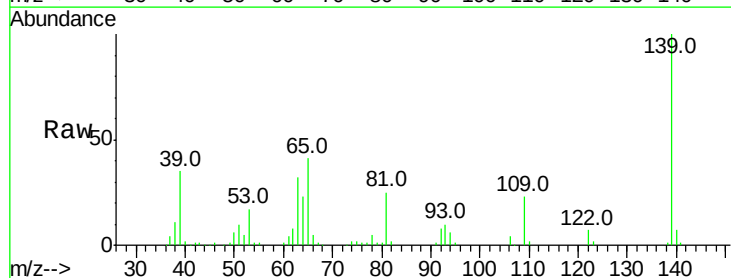
Tgt Ion: 139 Resp: 118645

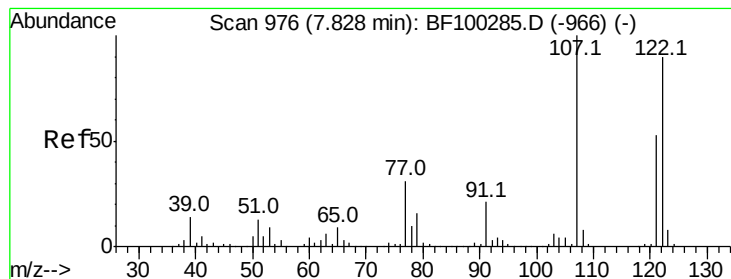
Ion Ratio Lower Upper

139 100

109 23.3 22.7 34.1

65 40.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.604 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :
BNA_F
ClientSampled :

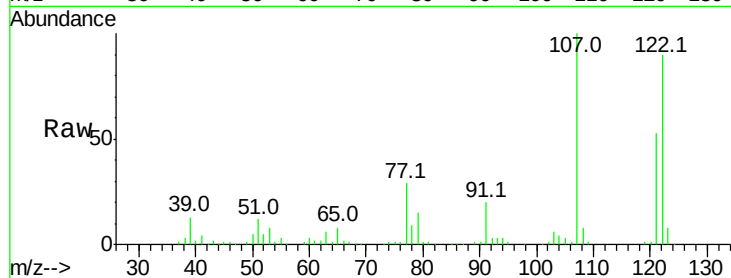
Tot Ion:122 Resp: 182474

Ion Ratio Lower Upper

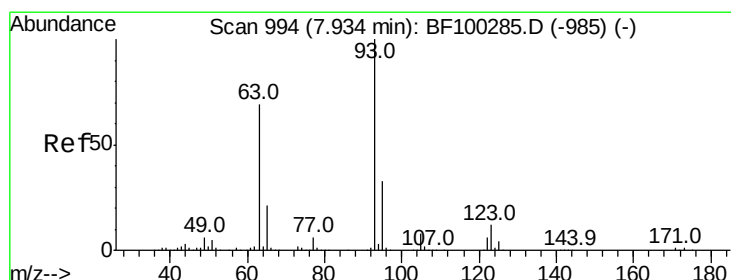
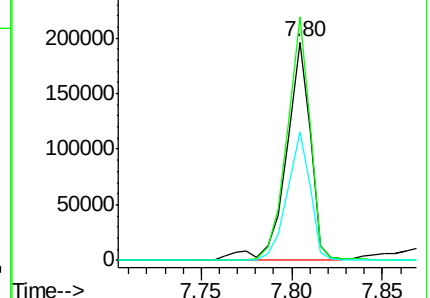
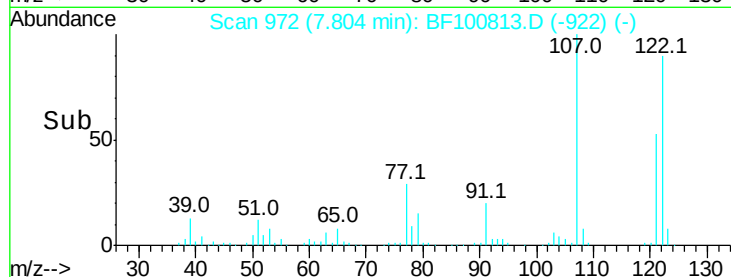
122 100

107 111.4 91.2 136.8

121 58.7 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: 38.549 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

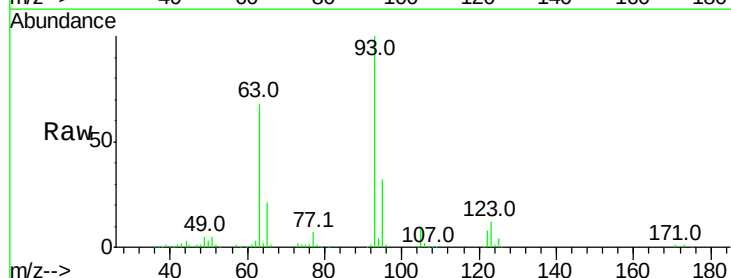
Tgt Ion: 93 Resp: 252784

Ion Ratio Lower Upper

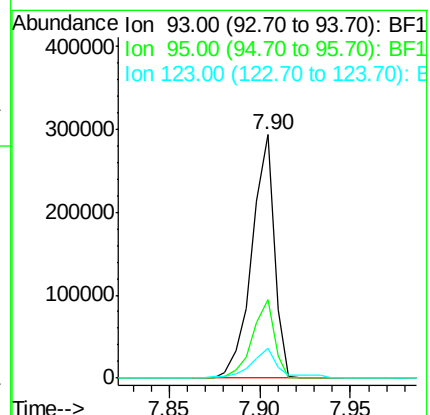
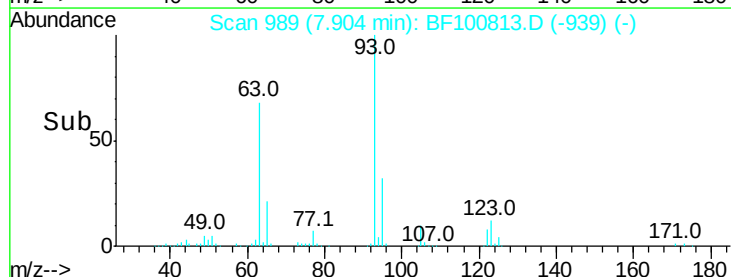
93 100

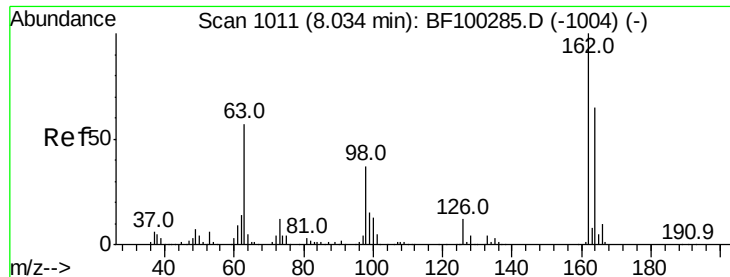
95 32.4 26.3 39.5

123 12.2 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

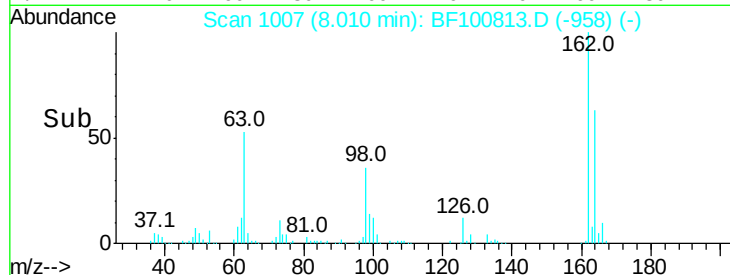
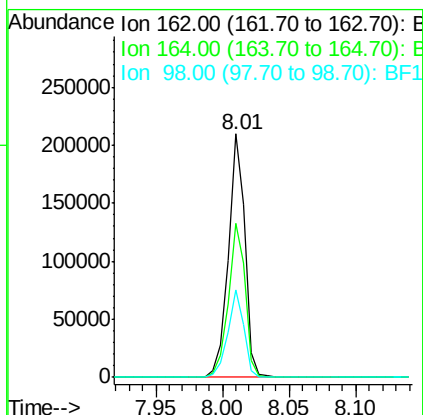
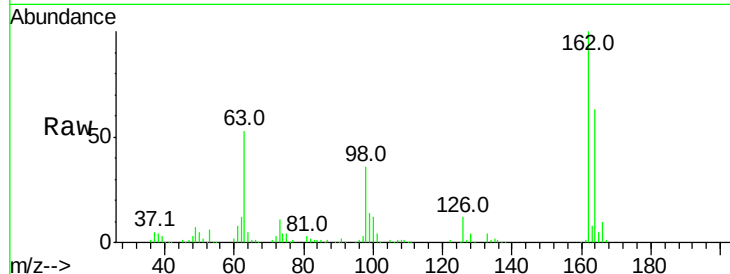




#29
 2,4-Dichlorophenol
 Concen: 43.031 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

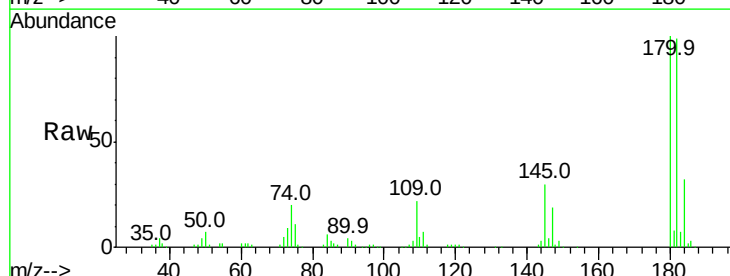
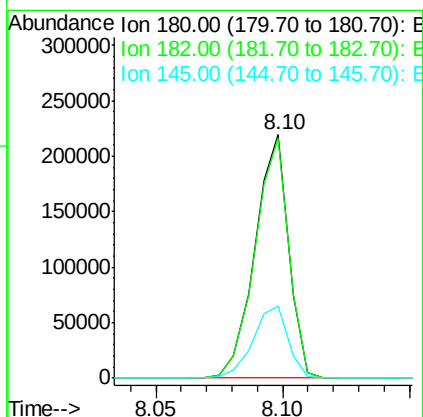
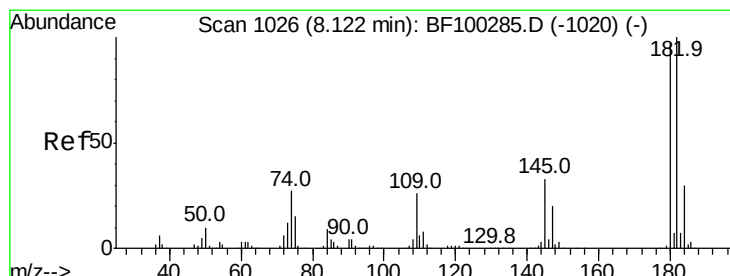
Instrument :
 BNA_F
 ClientSampleId :

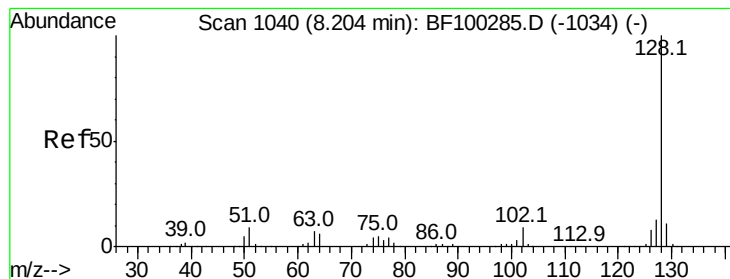
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	35.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.685 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	29.5	26.5	39.7





#31

Naphthalene

Concen: 41.377 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

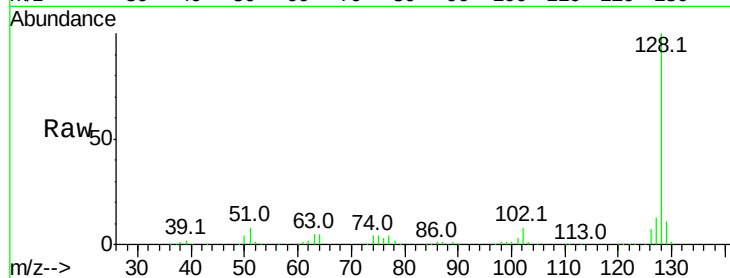
Tot Ion:128 Resp: 628576

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

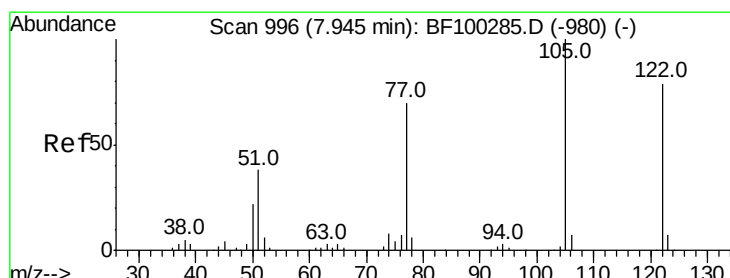
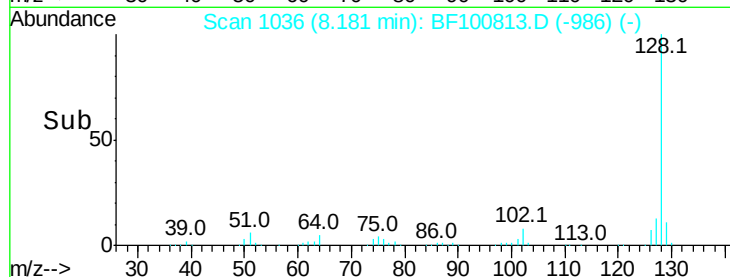
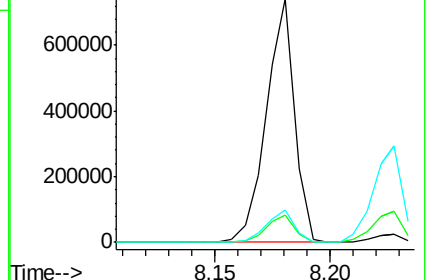
127 13.3 10.9 16.3



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: 37.431 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

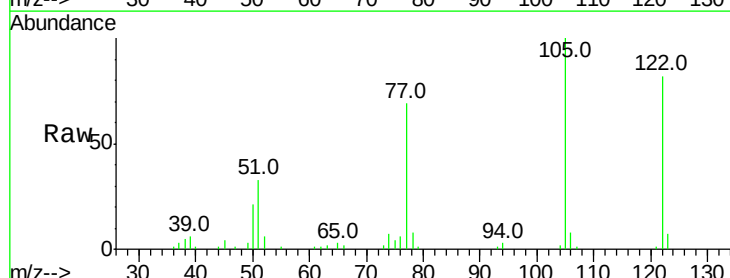
Tgt Ion:122 Resp: 119990

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

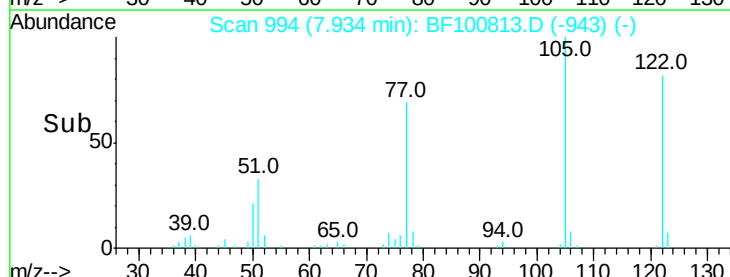
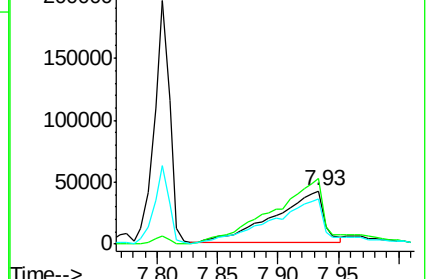
77 84.0 70.7 110.7

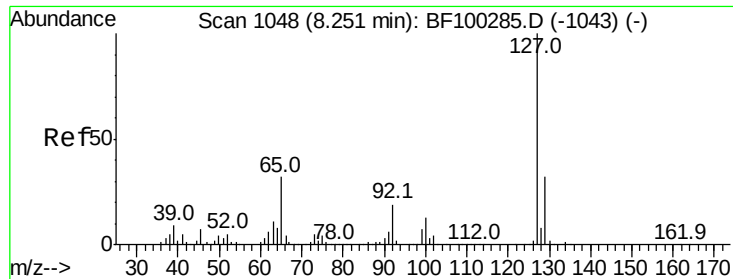


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

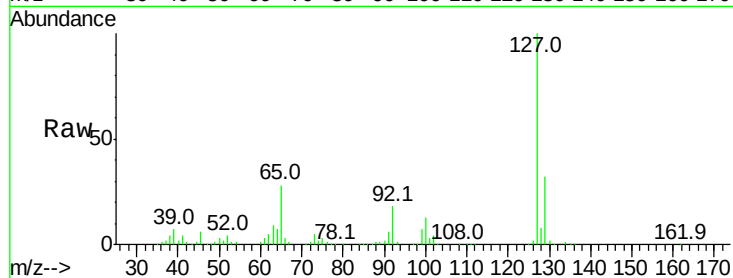




#33
4-Chloroaniline
Concen: 41.221 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	260657
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.2	25.0	37.4
92	18.1	15.2	22.8

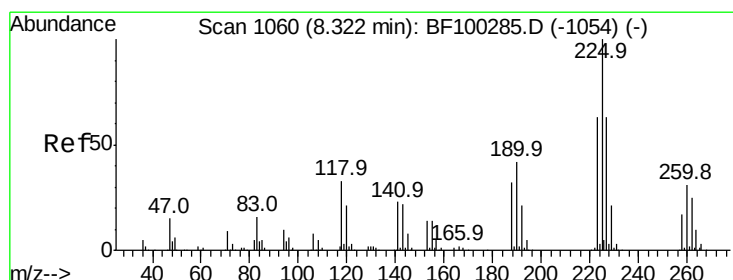
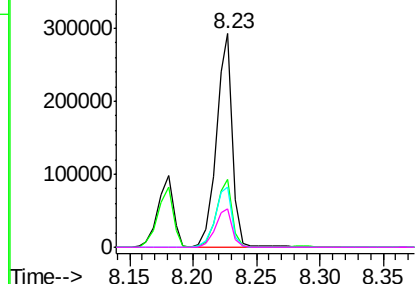
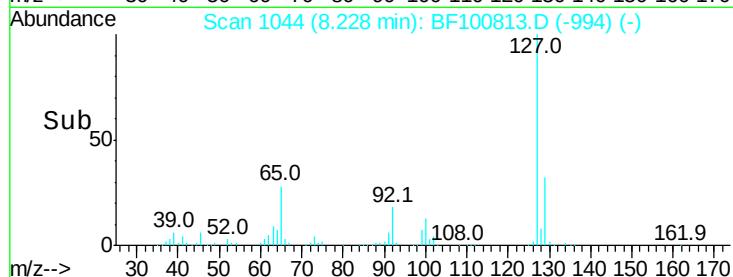


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

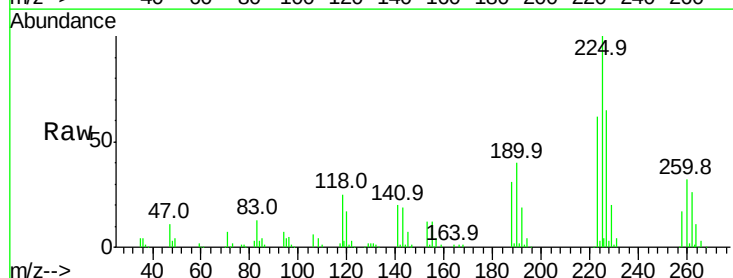
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.686 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

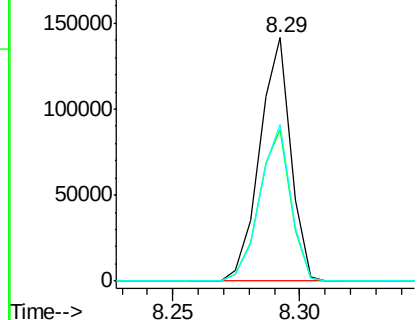
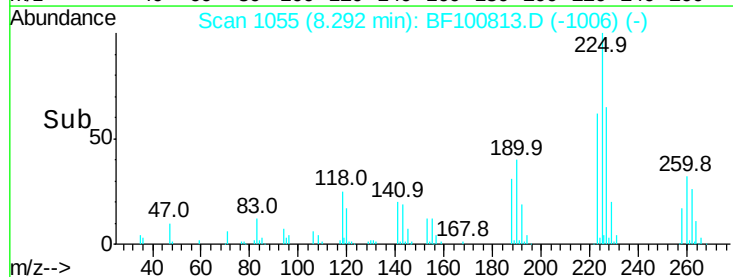
Tgt Ion:	225	Resp:	120539
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	64.5	51.9	77.9

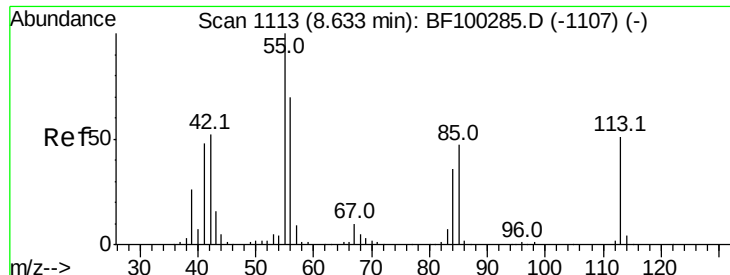


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

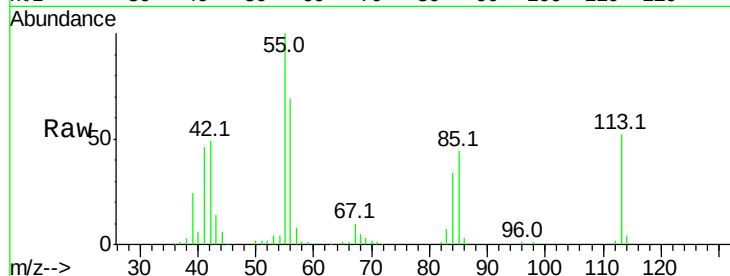




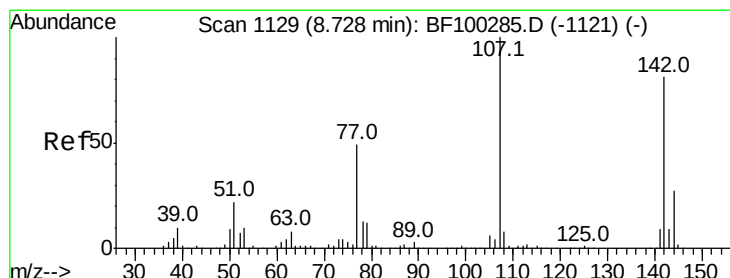
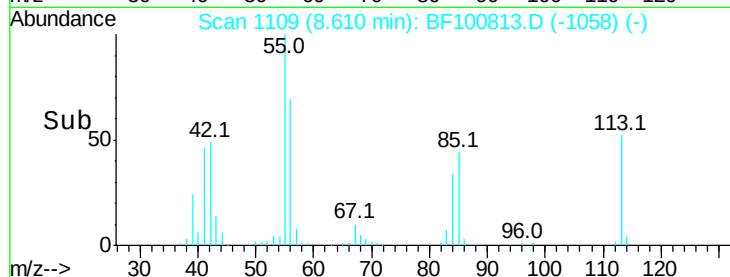
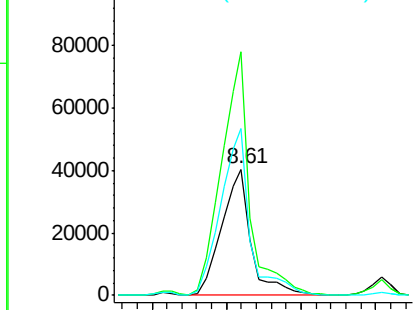
#35
 Caprolactam
 Concen: 38.012 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 55966
 Ion Ratio Lower Upper
 113 100
 55 193.4 163.3 203.3
 56 133.0 115.7 155.7

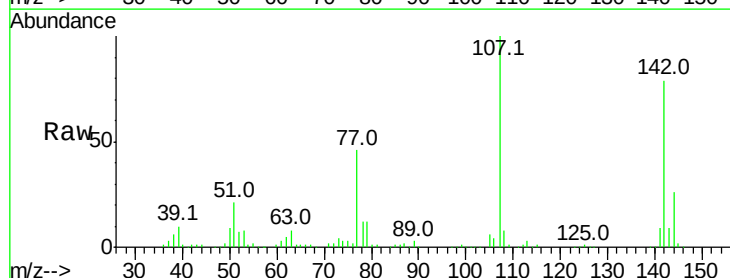


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

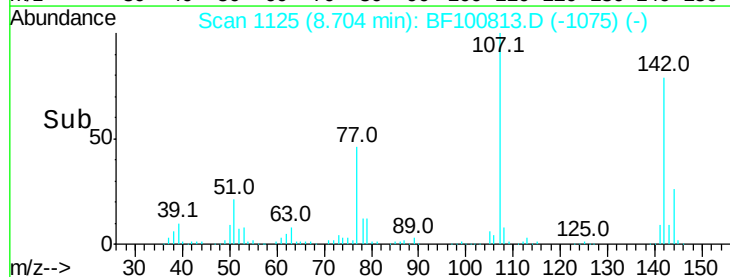
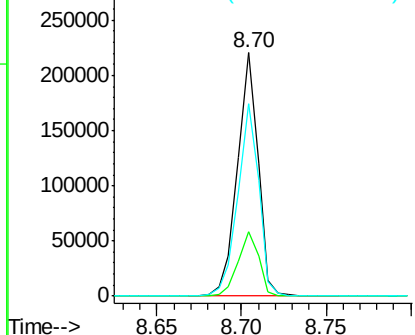


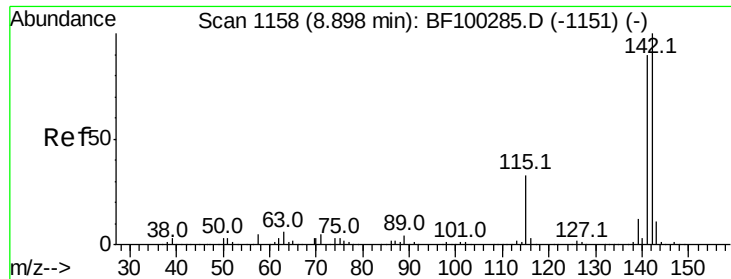
#36
 4-Chloro-3-methylphenol
 Concen: 40.877 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:107 Resp: 188346
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 79.3 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

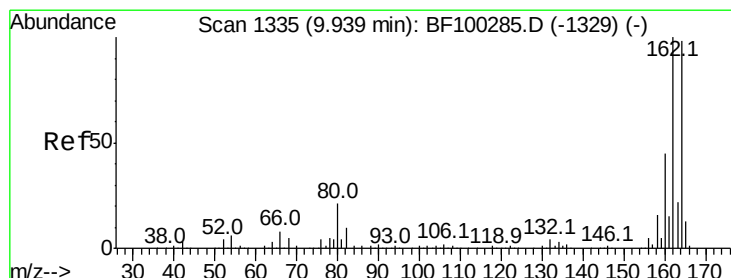
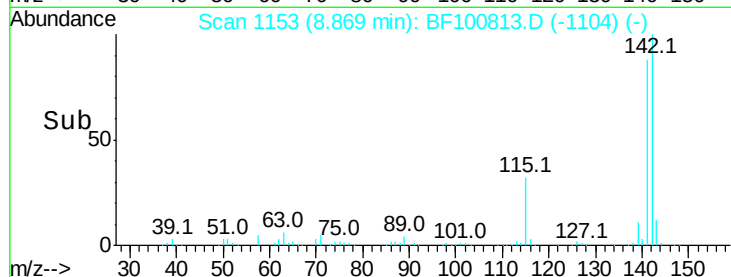
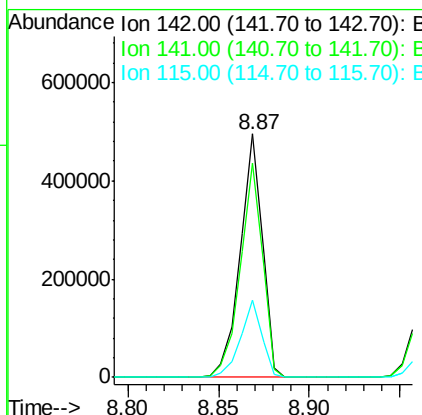
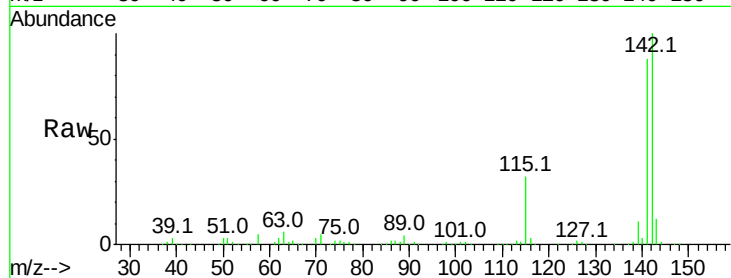




#37
2-Methylnaphthalene
Concen: 41.738 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

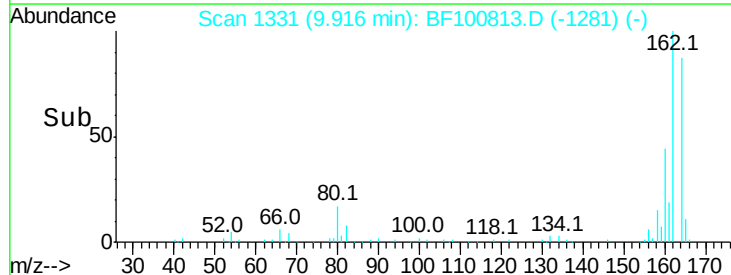
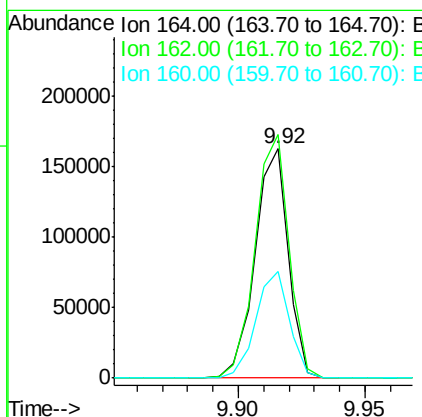
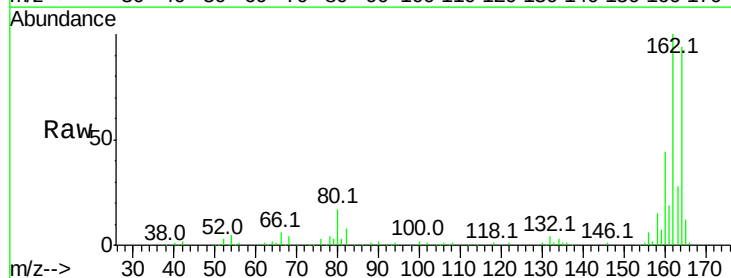
Instrument :
BNA_F
ClientSampleId :

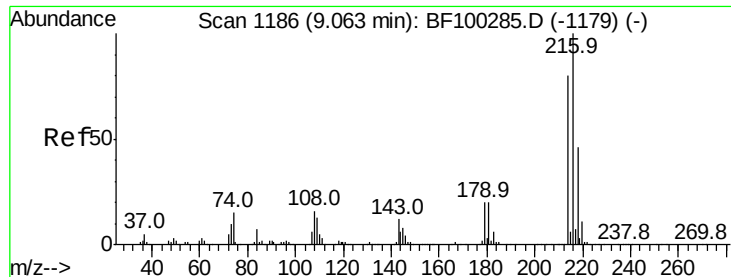
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	31.8	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.049 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 222274

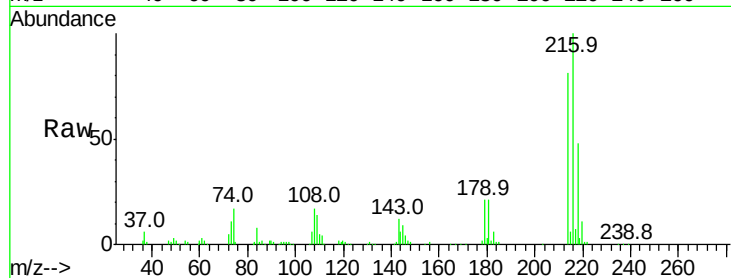
Ion Ratio Lower Upper

216 100

214 80.7 63.0 94.4

179 20.2 18.1 27.1

108 15.9 17.2 25.8#

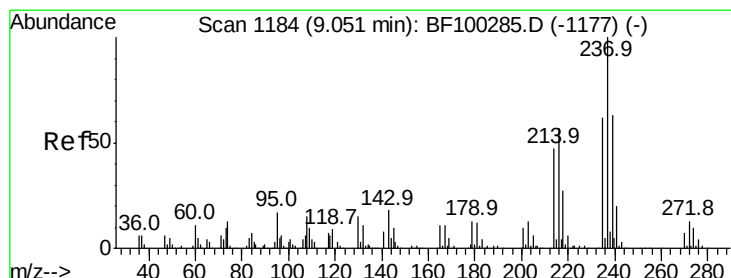
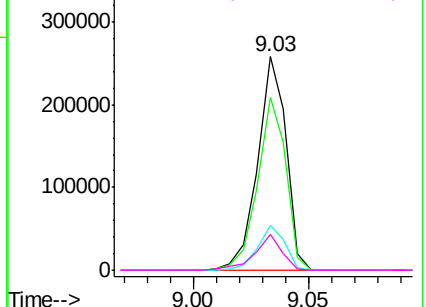
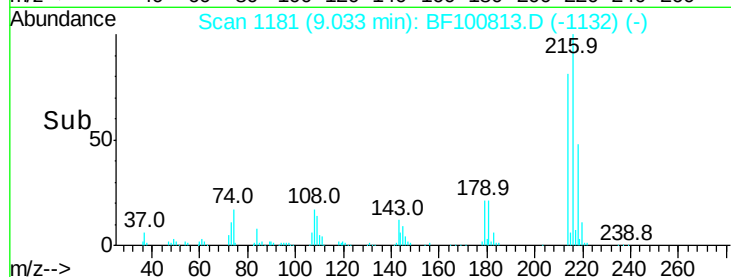


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.242 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

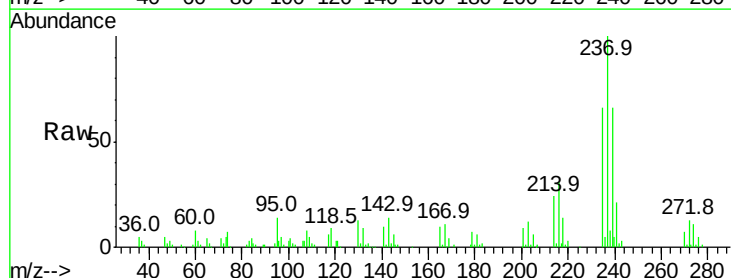
Tgt Ion:237 Resp: 88807

Ion Ratio Lower Upper

237 100

235 66.4 44.8 84.8

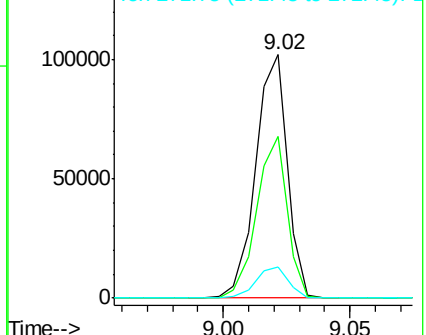
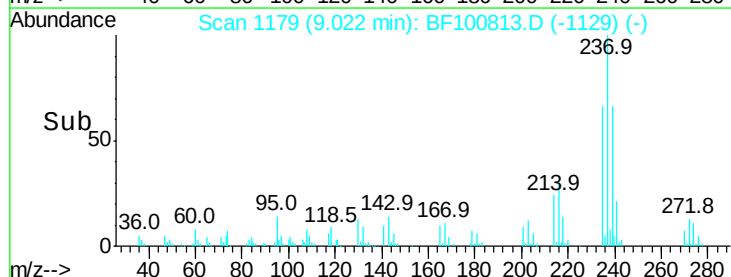
272 12.9 0.0 33.3

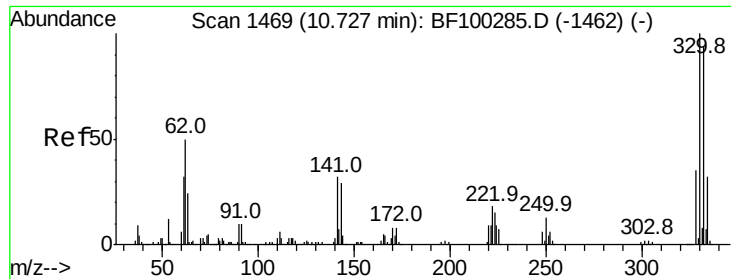


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

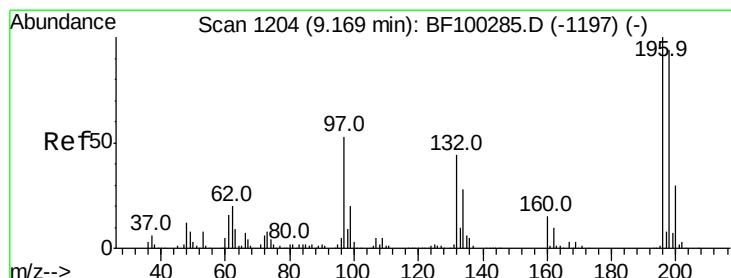
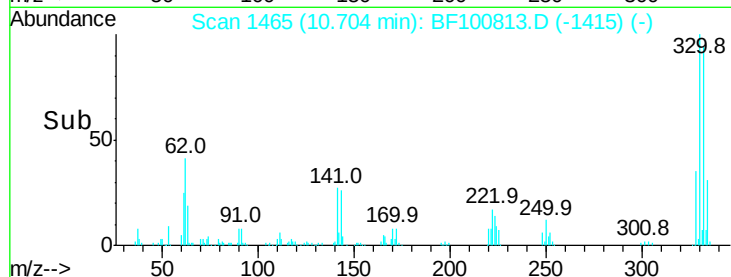
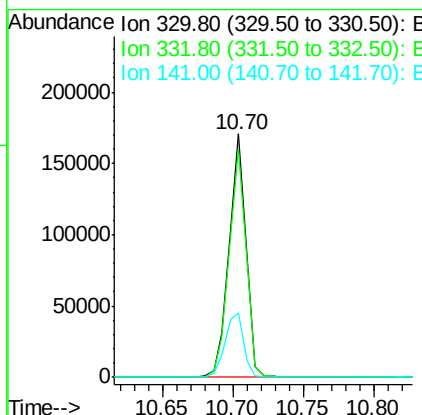
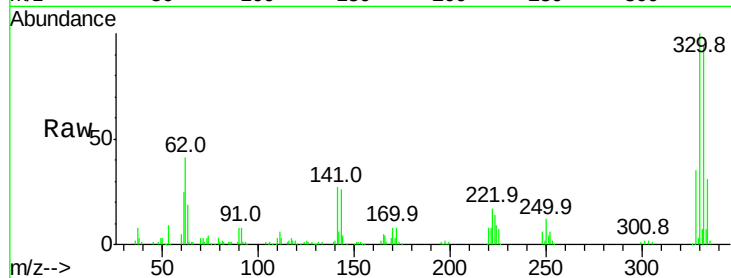




#41
 2,4,6-Tribromophenol
 Concen: 94.789 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

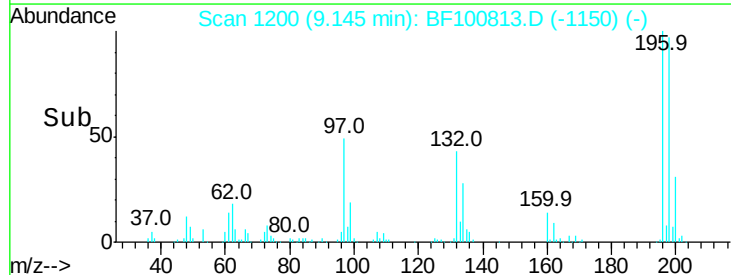
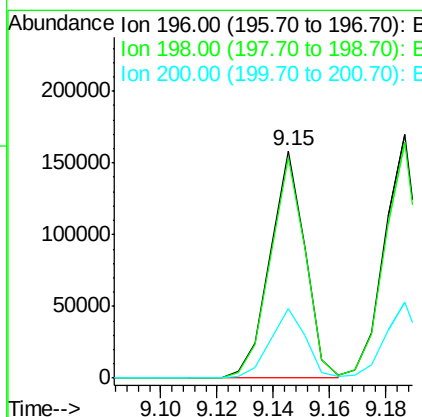
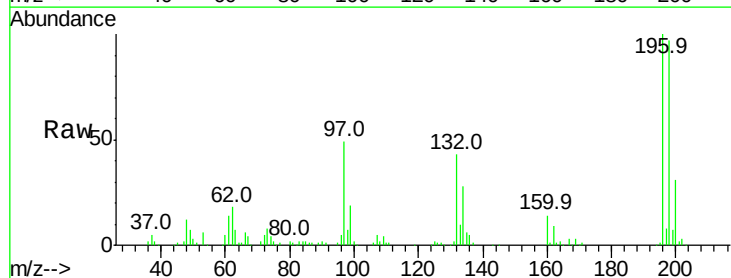
Instrument :
 BNA_F
 ClientSampleId :

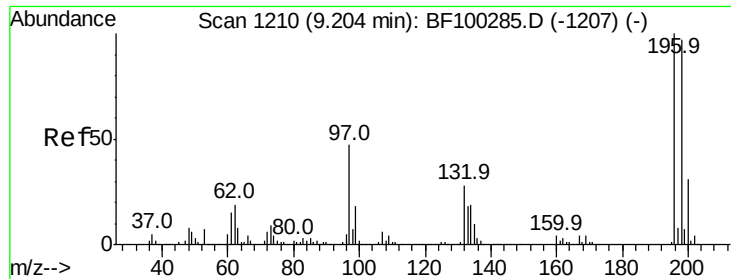
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	28.8	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.699 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	30.8	24.5	36.7

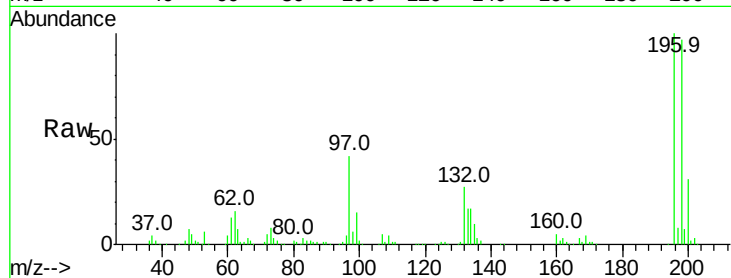




#43
 2,4,5-Trichlorophenol
 Concen: 46.055 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149216		
198	96.7	74.6	112.0	
97	41.5	42.9	64.3	
132	26.7	26.3	39.5	



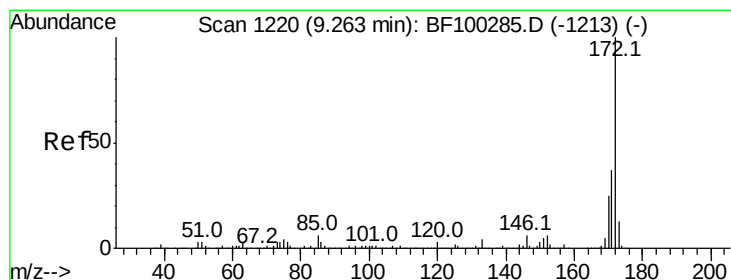
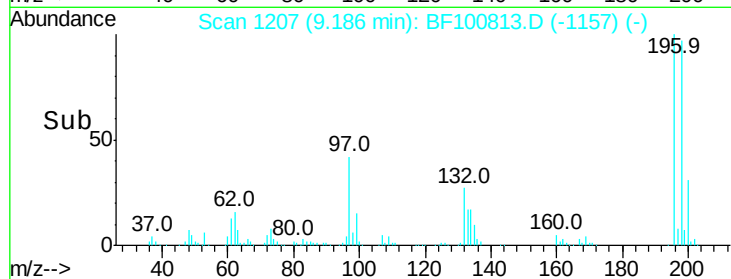
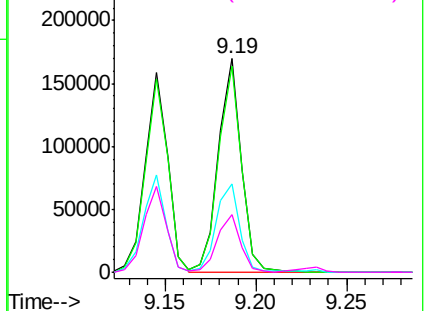
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

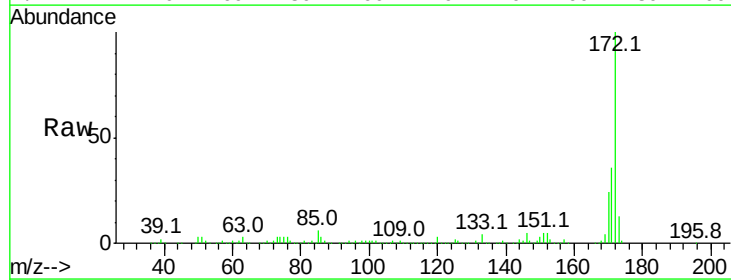
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.953 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	869090		
171	36.1	29.7	44.5	
170	24.2	19.6	29.4	

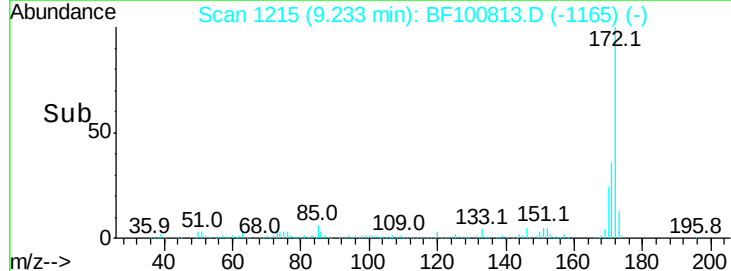
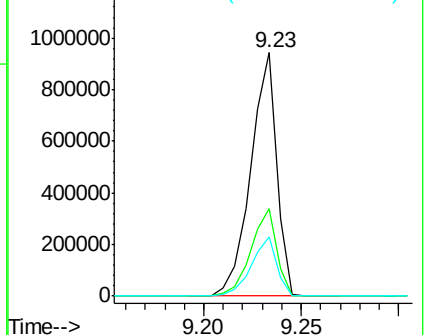


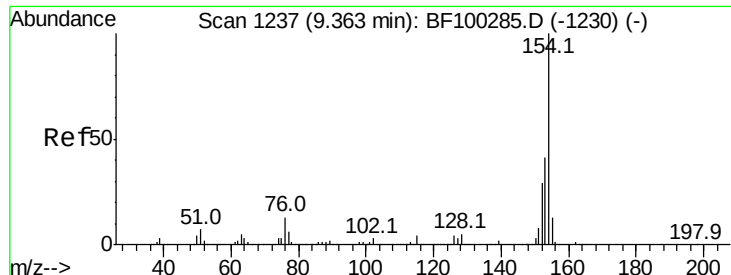
Abundance

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

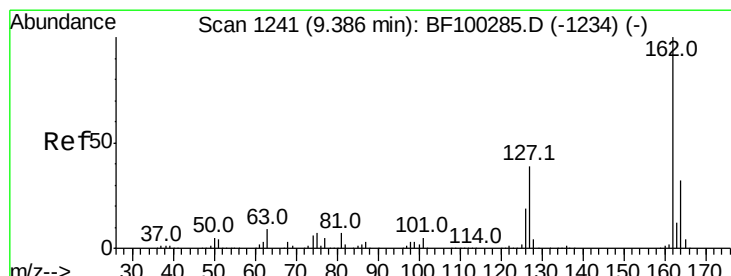
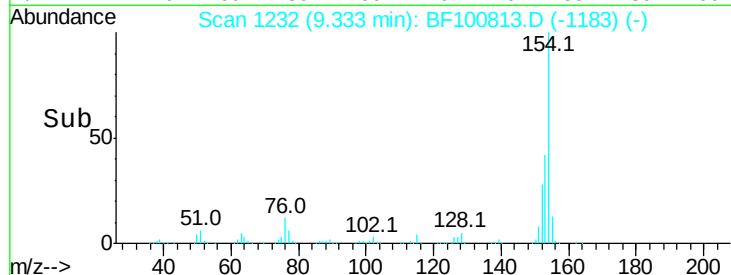
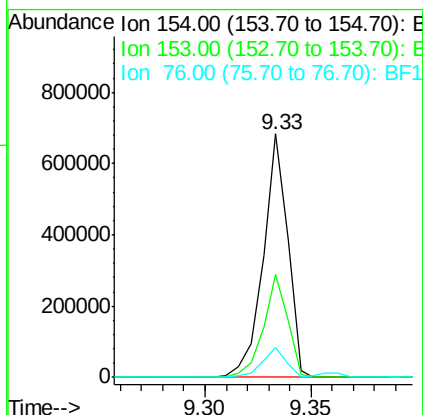
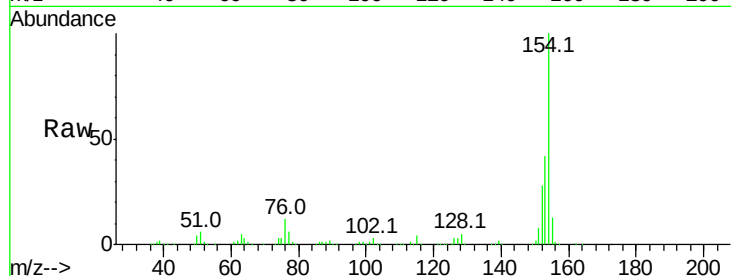




#45
 1,1'-Biphenyl
 Concen: 42.874 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

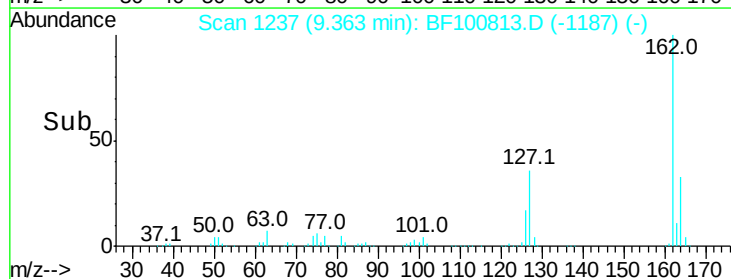
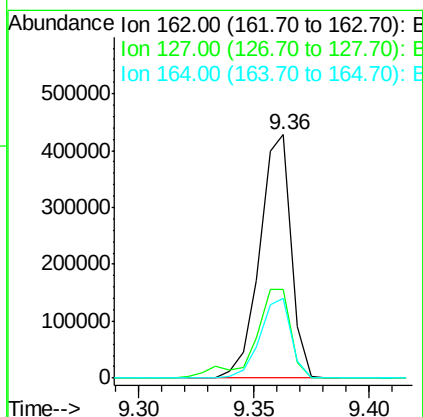
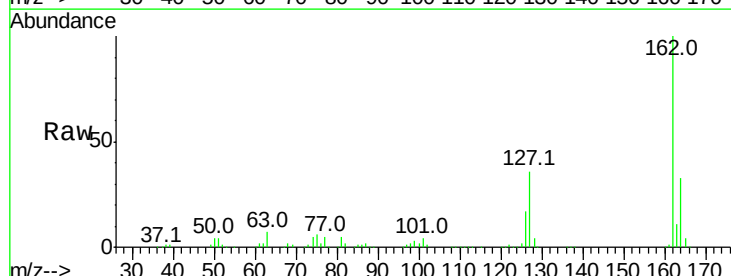
Instrument :
 BNA_F
 ClientSampleId :

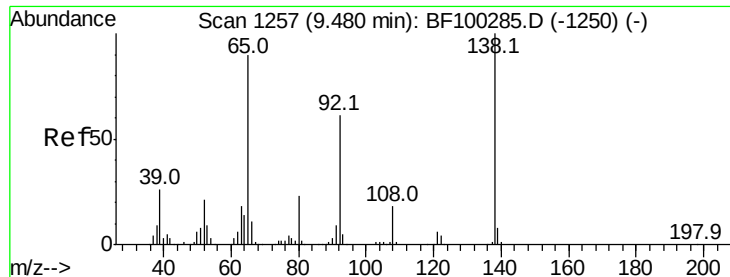
Tot Ion:154 Resp: 551671
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.3 61.3
 76 12.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.507 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:162 Resp: 406127
 Ion Ratio Lower Upper
 162 100
 127 36.3 33.9 50.9
 164 33.0 26.5 39.7





#47

2-Nitroaniline

Concen: 43.738 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

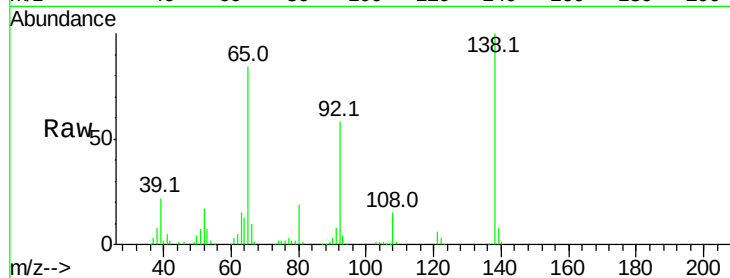
Tot Ion: 65 Resp: 119919

Ion Ratio Lower Upper

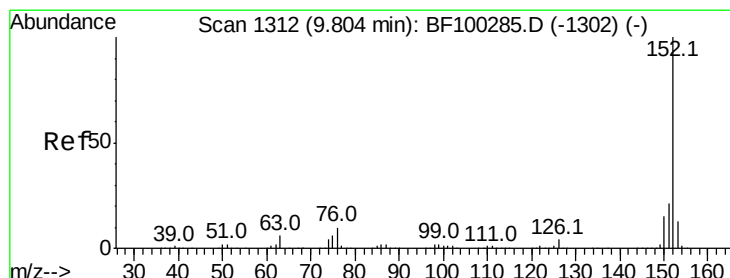
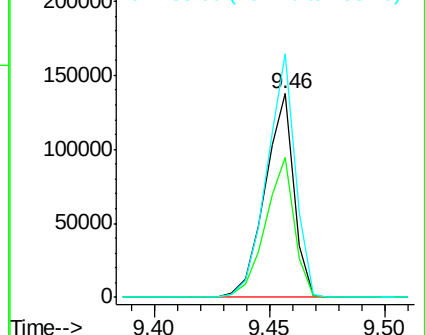
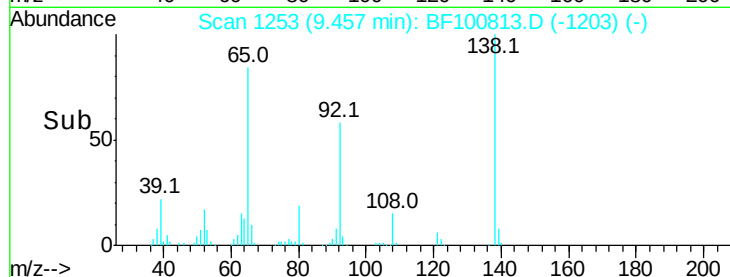
65 100

92 69.1 55.8 83.6

138 119.8 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: 42.671 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

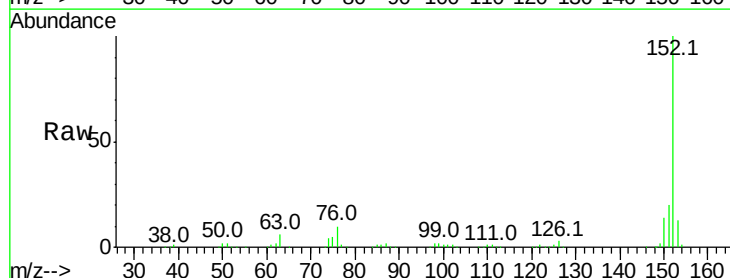
Tgt Ion: 152 Resp: 660120

Ion Ratio Lower Upper

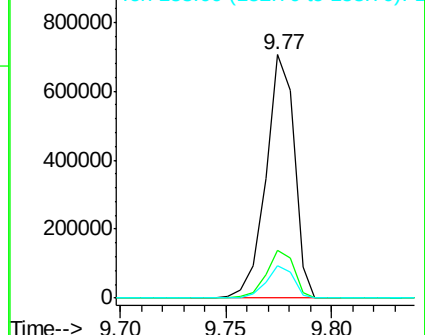
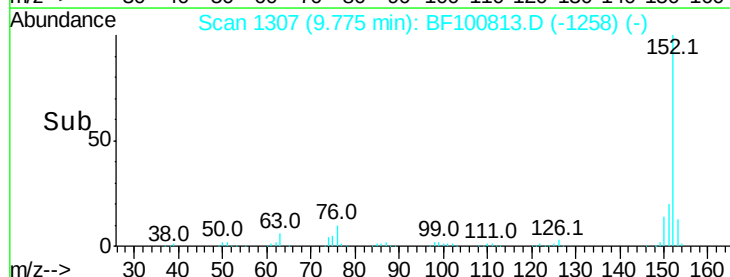
152 100

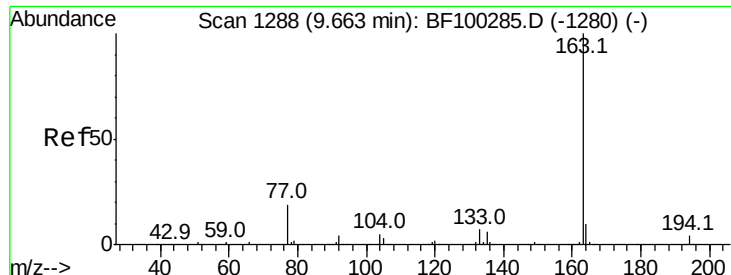
151 19.7 16.3 24.5

153 13.3 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

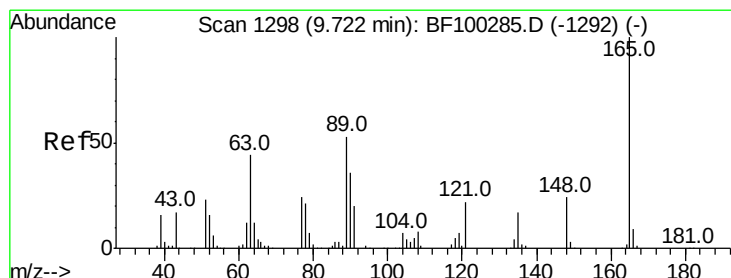
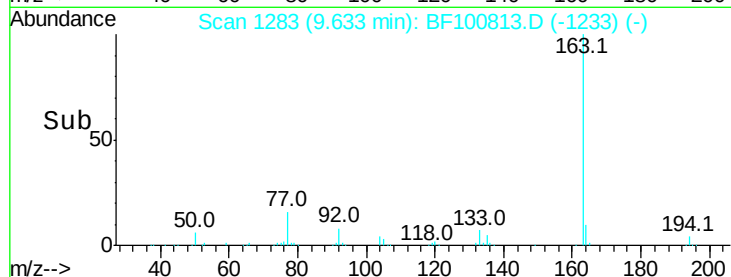
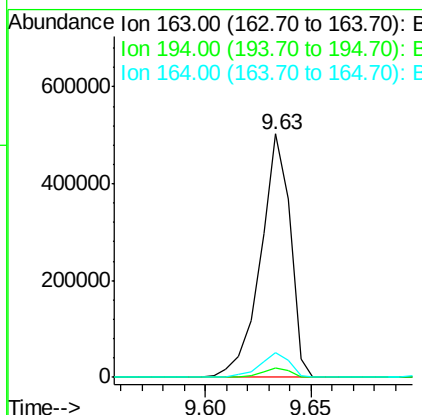
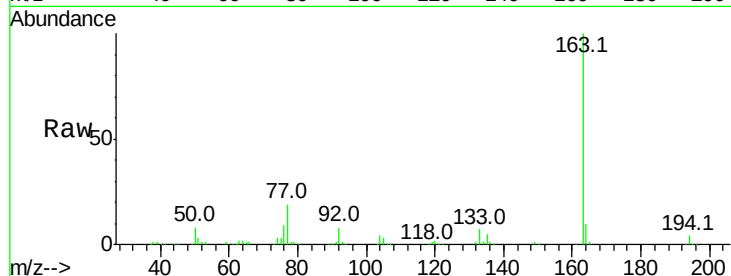




#49
 Dimethylphthalate
 Concen: 43.216 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

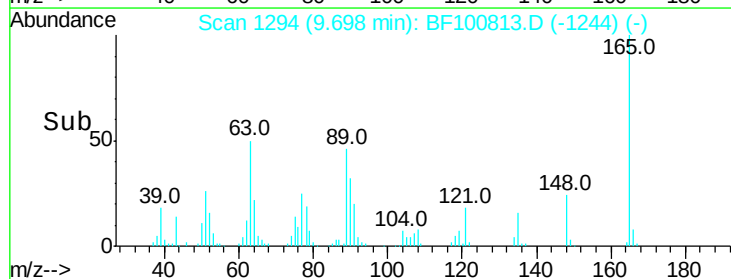
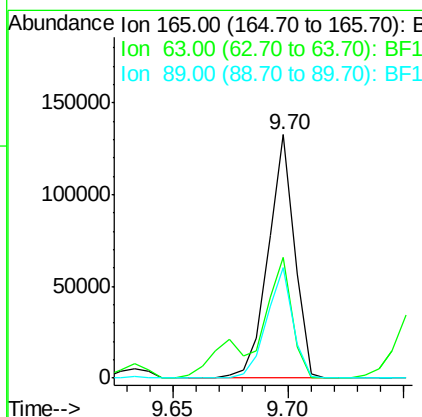
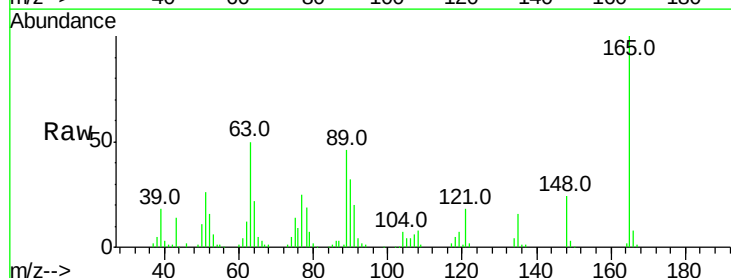
Instrument :
 BNA_F
 ClientSampleId :

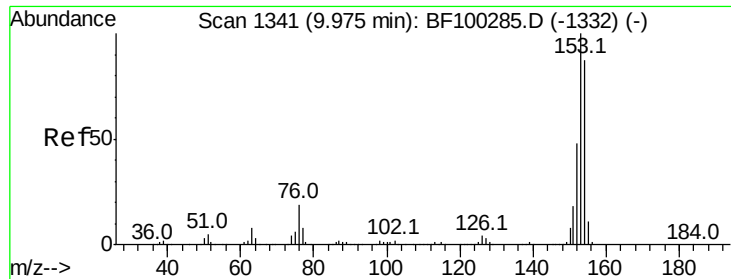
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 46.696 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	44.7	67.1
89	45.6	44.0	66.0





#51

Acenaphthene

Concen: 41.511 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

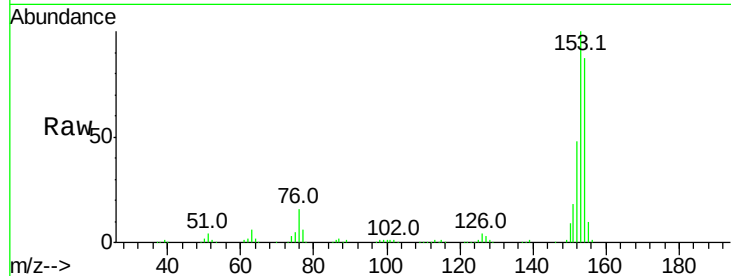
Tot Ion:154 Resp: 390556

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

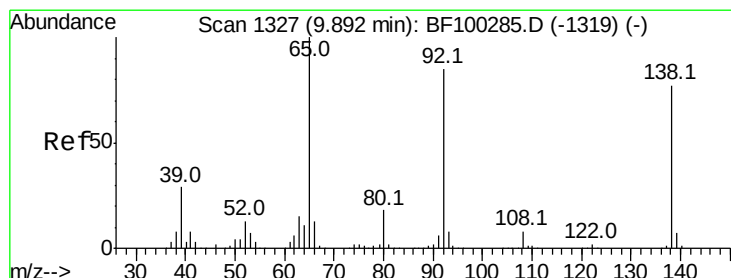
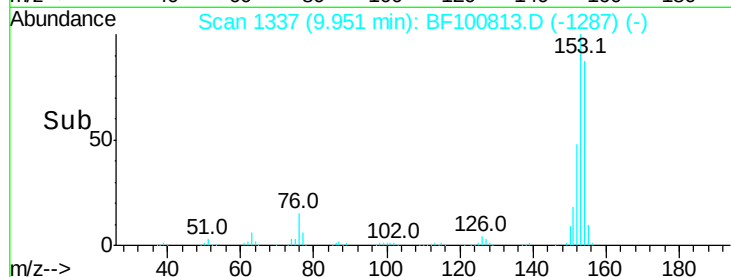
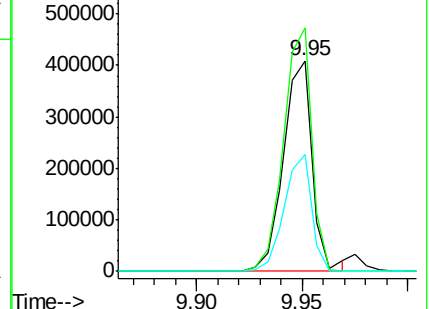
152 55.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.250 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

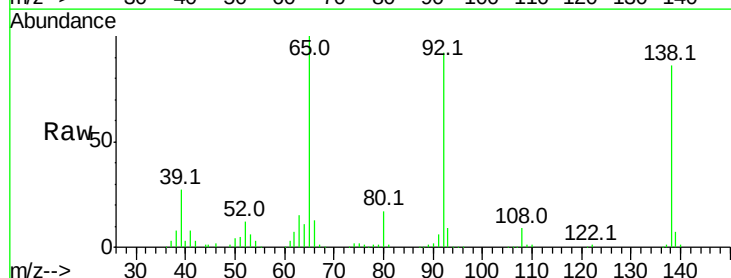
Tgt Ion:138 Resp: 117487

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

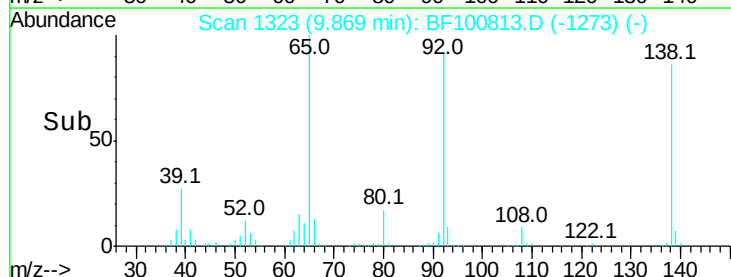
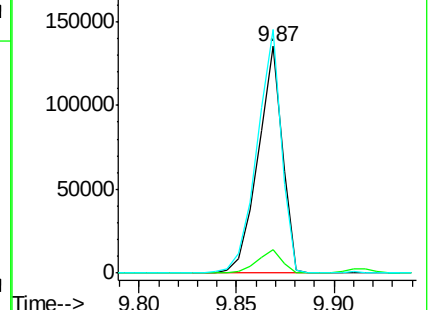
92 107.3 89.4 134.2

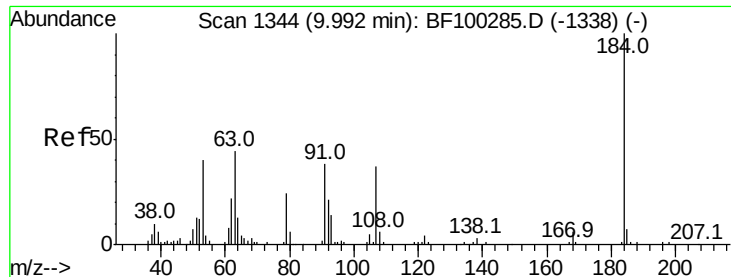


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

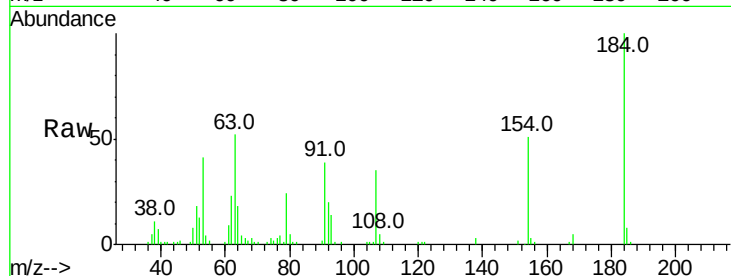




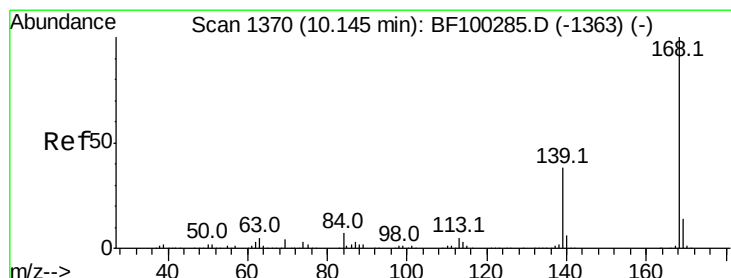
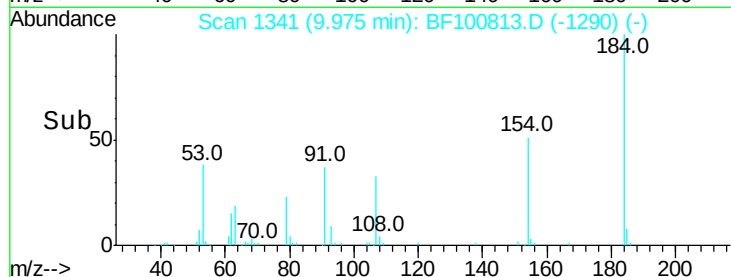
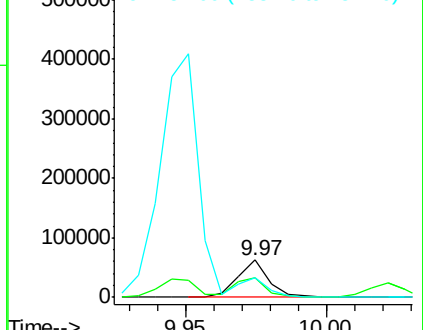
#53
 2,4-Dinitrophenol
 Concen: 57.111 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 47782
 Ion Ratio Lower Upper
 184 100
 63 52.1 54.2 81.2#
 154 51.2 184.0 276.0#

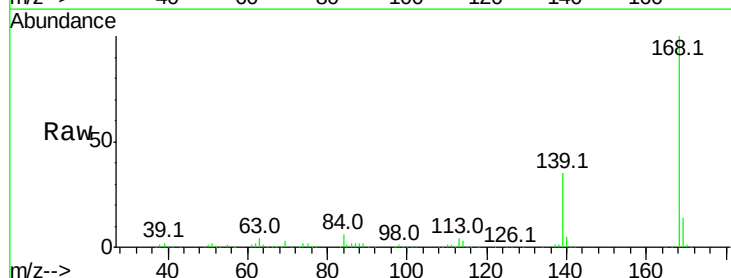


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

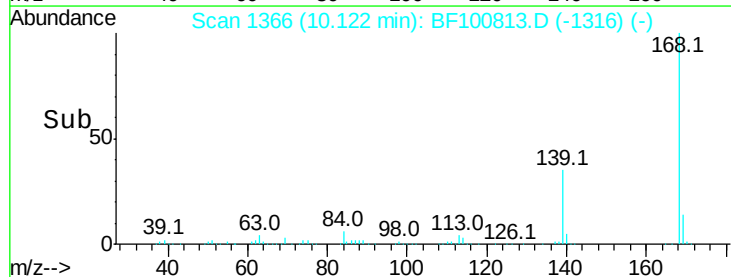
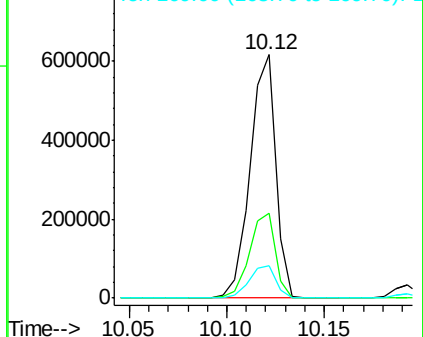


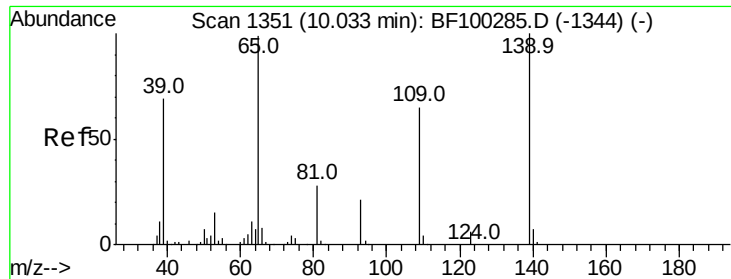
#54
 Dibenzofuran
 Concen: 42.633 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:168 Resp: 562184
 Ion Ratio Lower Upper
 168 100
 139 35.0 30.1 45.1
 169 13.5 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

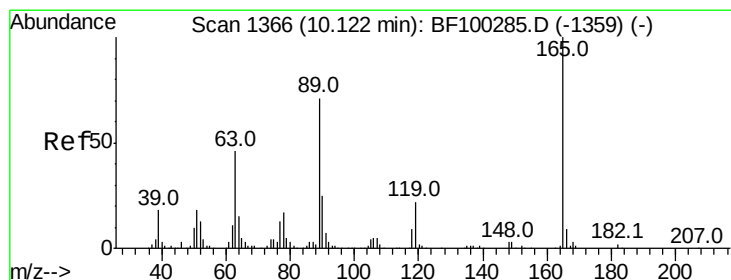
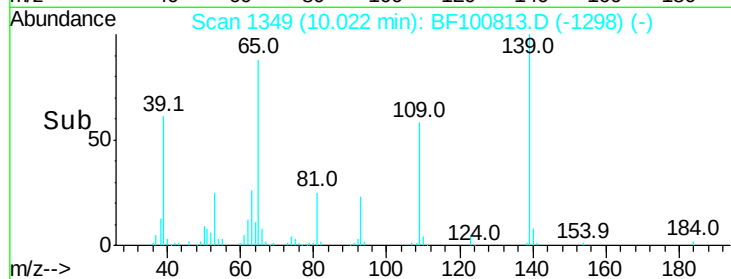
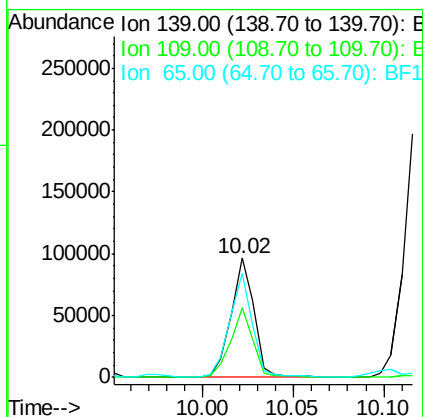
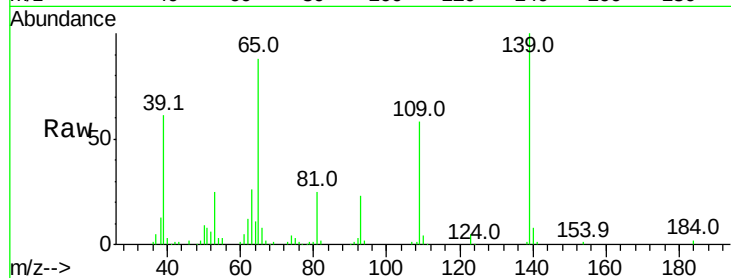




#55
4-Nitrophenol
Concen: 40.116 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

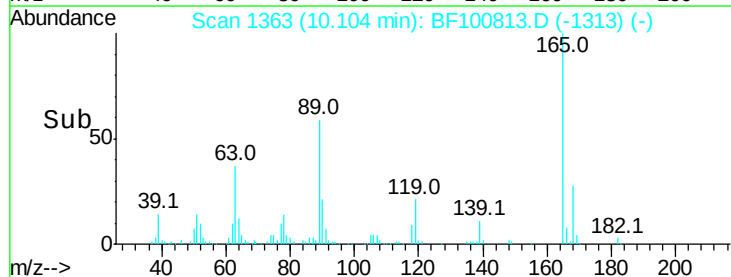
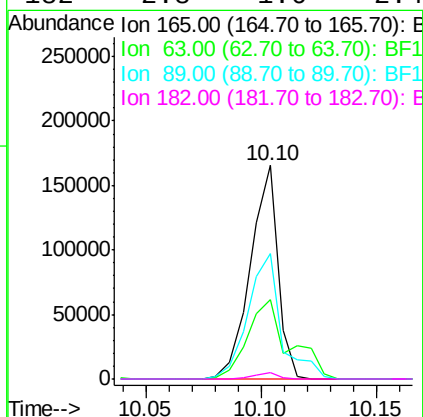
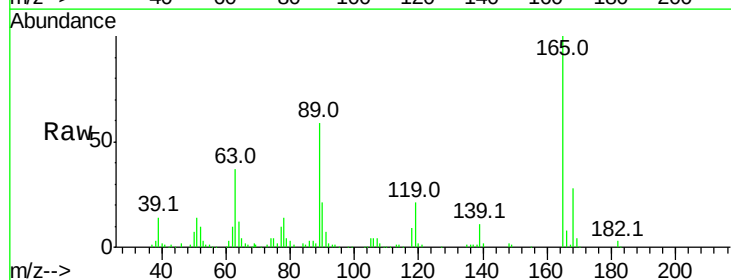
Instrument :
BNA_F
ClientSampled :

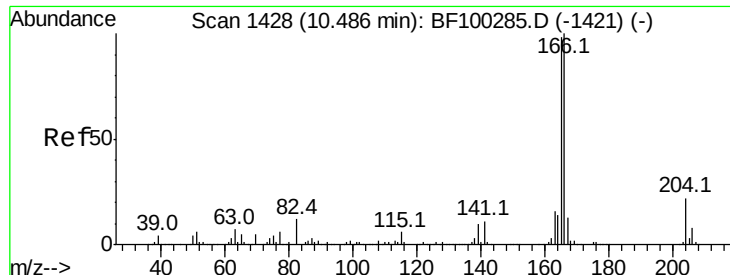
Tot Ion:139 Resp: 86485
Ion Ratio Lower Upper
139 100
109 58.1 48.4 88.4
65 87.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.901 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:165 Resp: 138709
Ion Ratio Lower Upper
165 100
63 37.4 36.4 54.6
89 58.7 57.8 86.6
182 2.8 1.6 2.4#

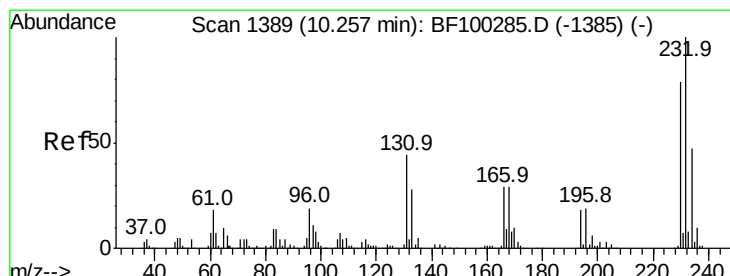
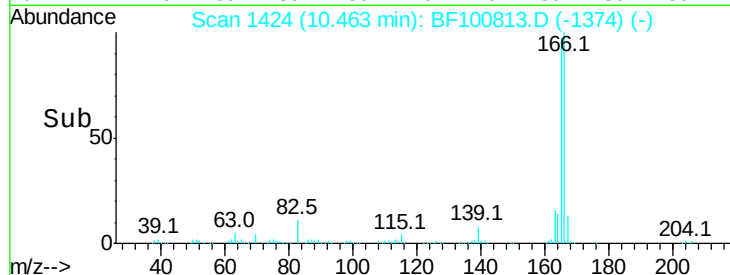
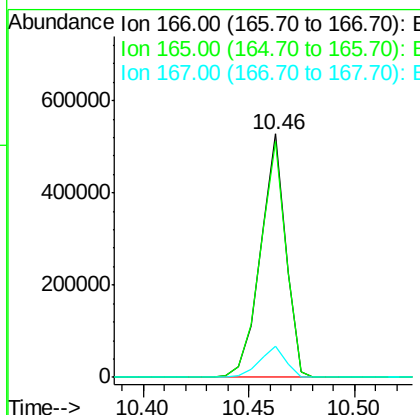
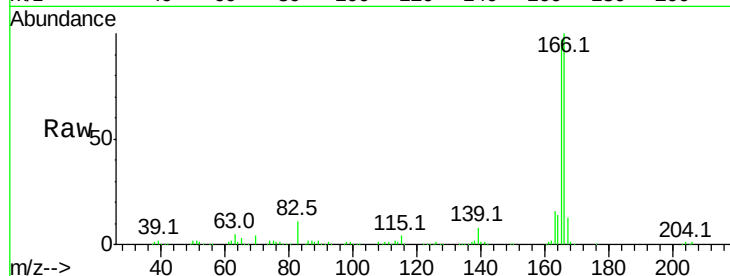




#57
 Fluorene
 Concen: 45.424 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

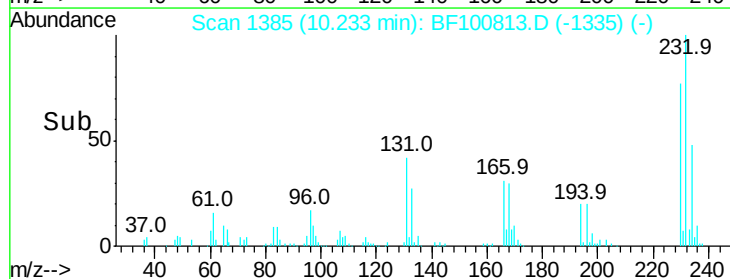
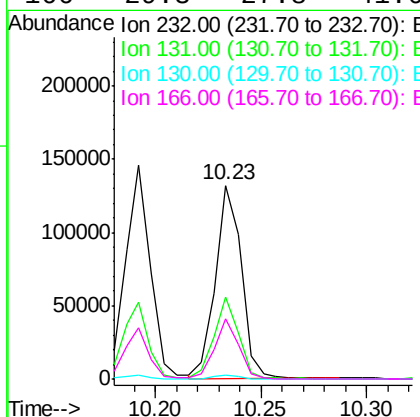
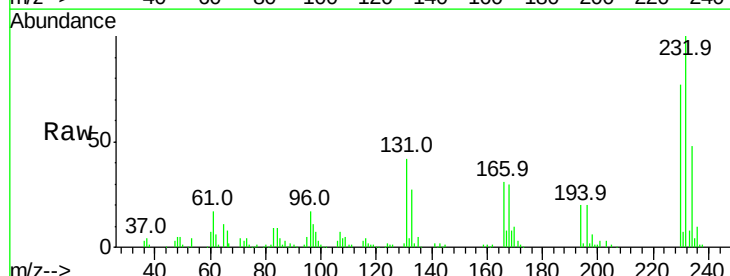
Instrument :
 BNA_F
 ClientSampleId :

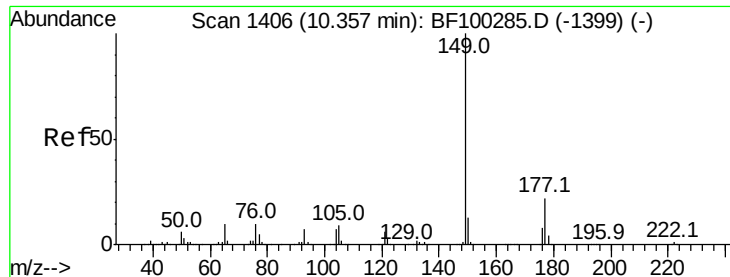
Tot Ion:166 Resp: 438803
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.8 119.8
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.745 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:232 Resp: 113503
 Ion Ratio Lower Upper
 232 100
 131 40.9 43.8 65.8#
 130 1.8 2.1 3.1#
 166 29.3 27.8 41.6

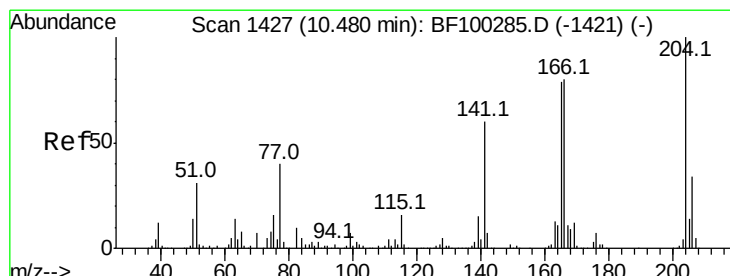
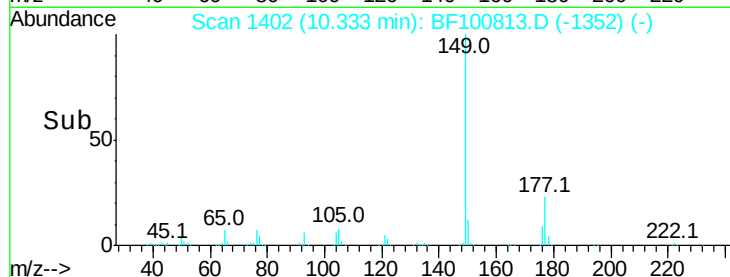
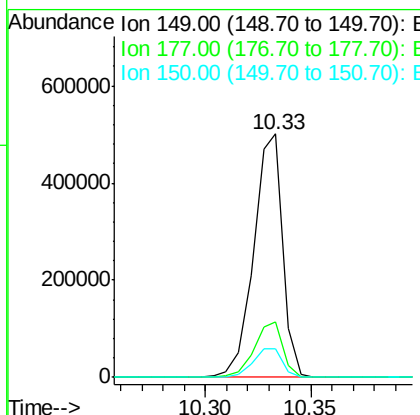
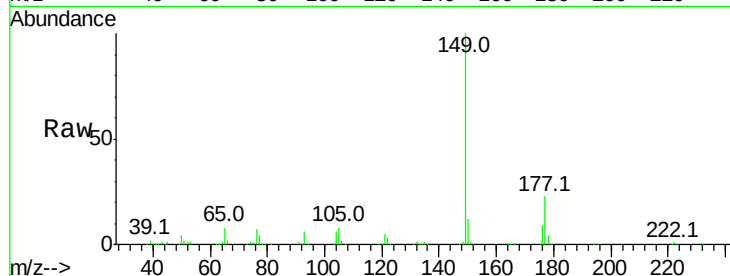




#59
Diethylphthalate
Concen: 41.911 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

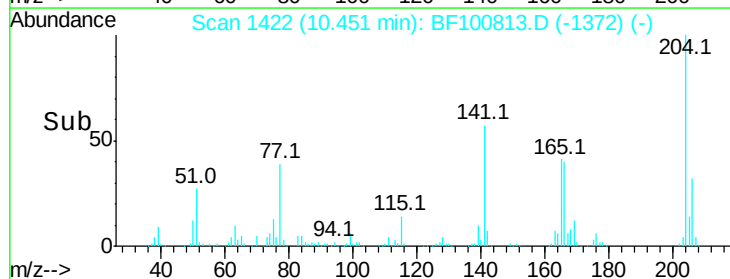
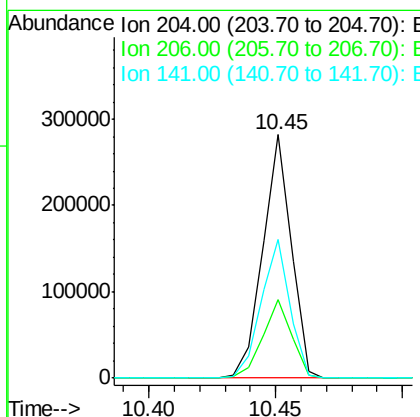
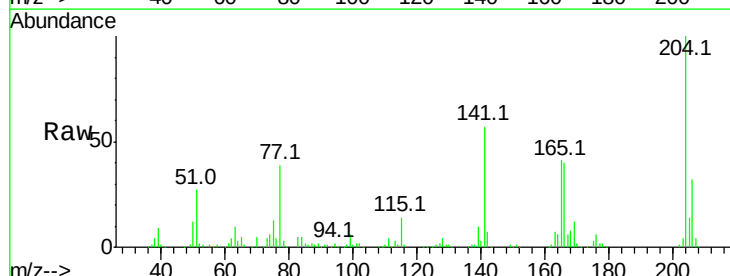
Instrument :
BNA_F
ClientSampleId :

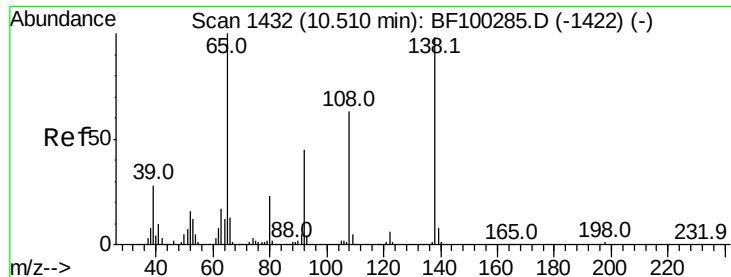
Tot Ion:149 Resp: 476413
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 11.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.493 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:204 Resp: 220324
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 56.9 54.6 81.8

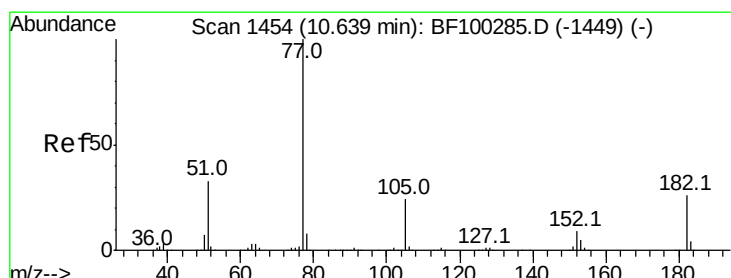
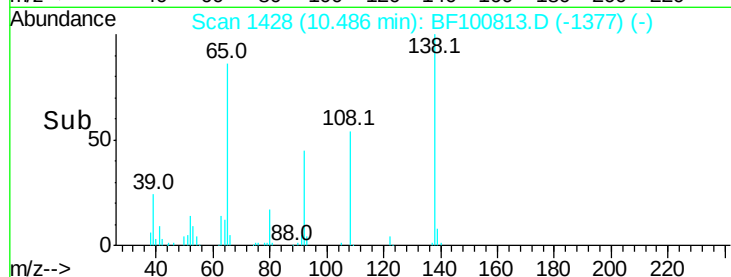
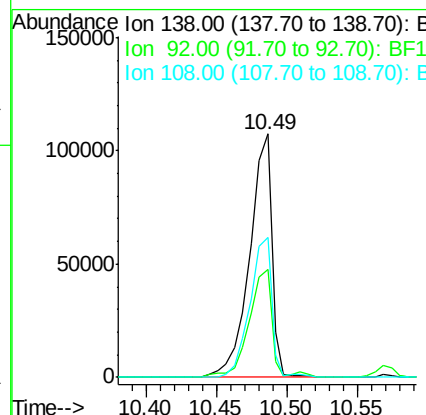
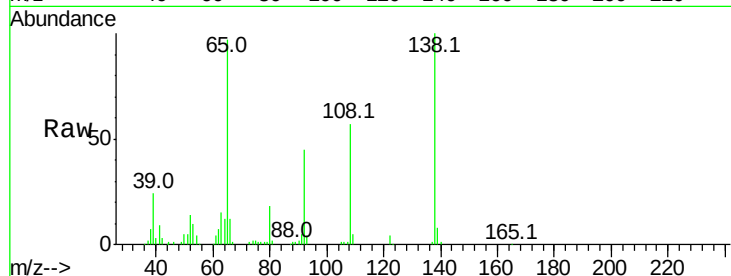




#61
4-Nitroaniline
Concen: 47.452 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

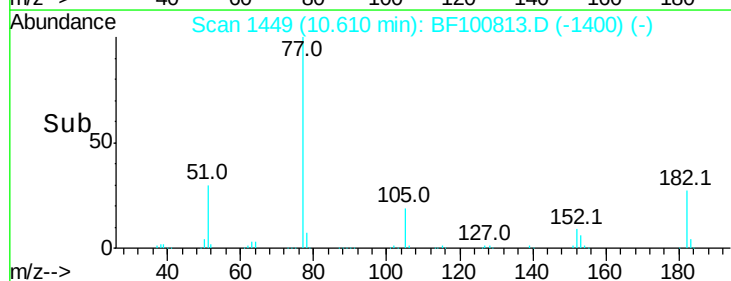
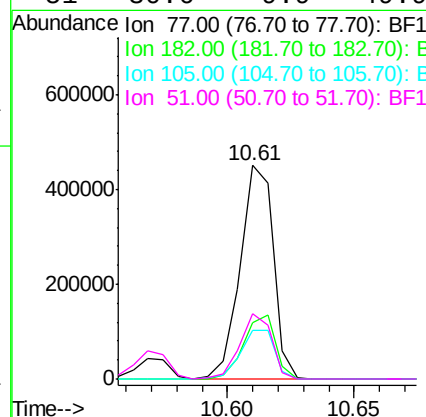
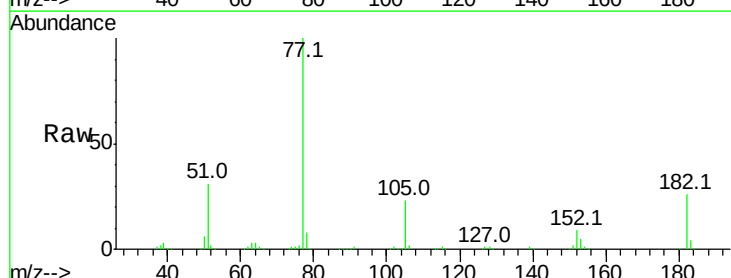
Instrument :
BNA_F
ClientSampled :

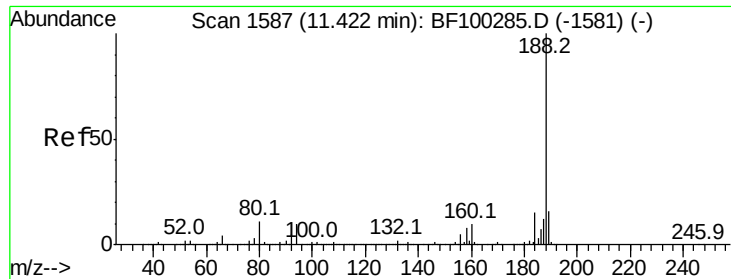
Tot Ion:138 Resp: 119465
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 57.2 52.5 92.5



#62
Azobenzene
Concen: 38.077 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion: 77 Resp: 407652
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 23.1 3.0 43.0
51 30.6 9.9 49.9

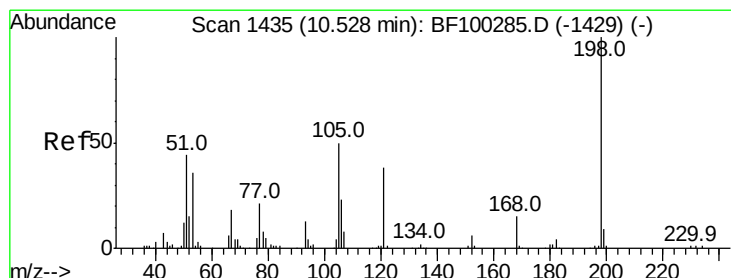
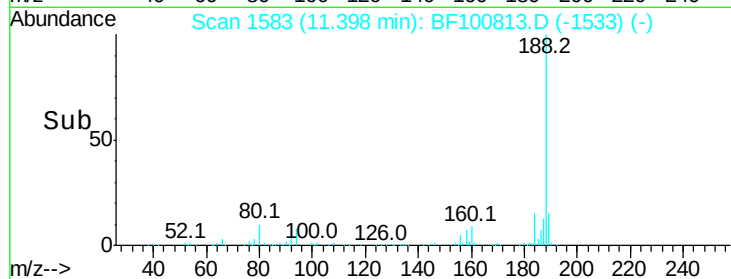
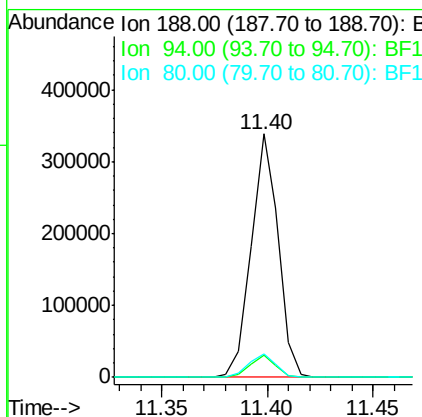
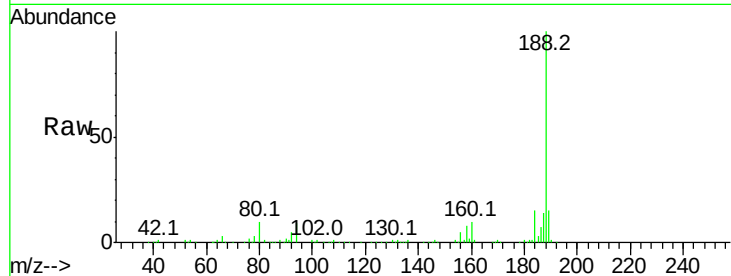




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

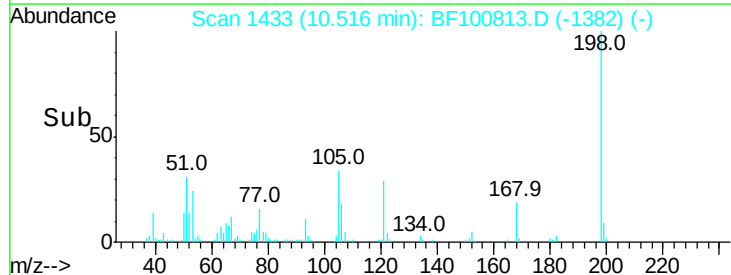
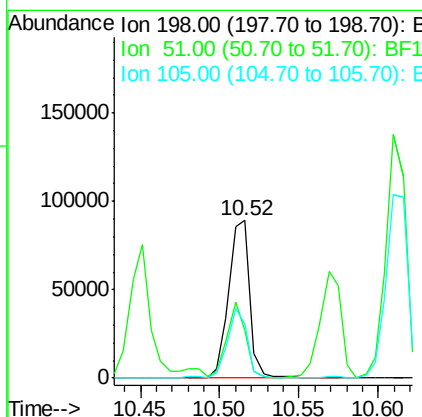
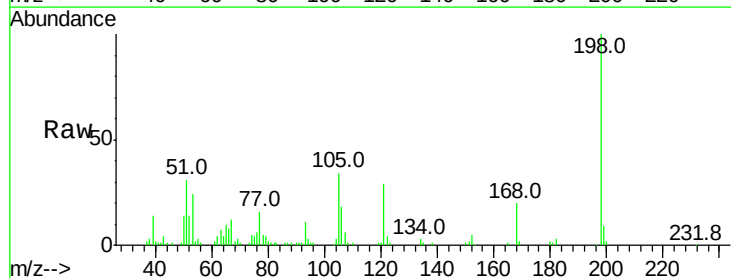
Instrument :
 BNA_F
 ClientSampled :

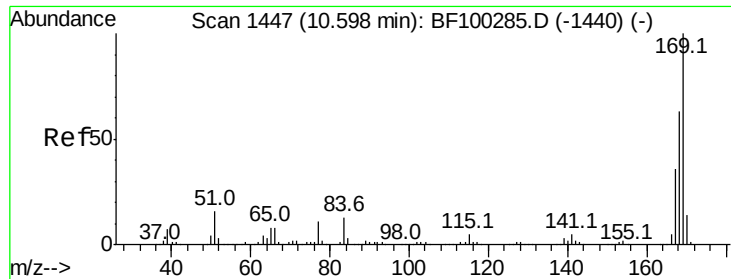
Tot Ion:188 Resp: 301057
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.335 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:198 Resp: 82836
 Ion Ratio Lower Upper
 198 100
 51 30.7 37.7 77.7#
 105 34.0 36.3 76.3#

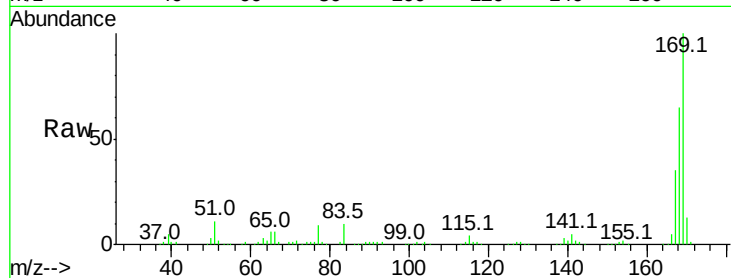




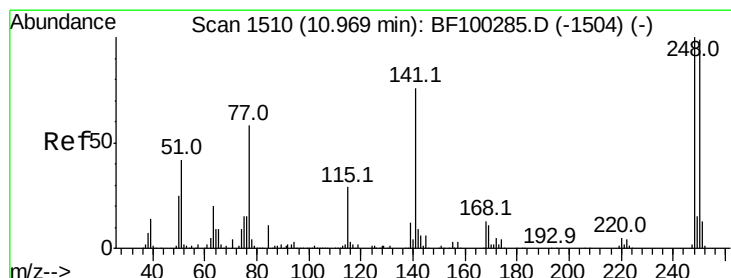
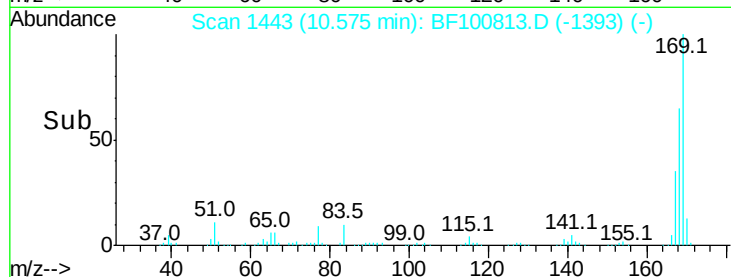
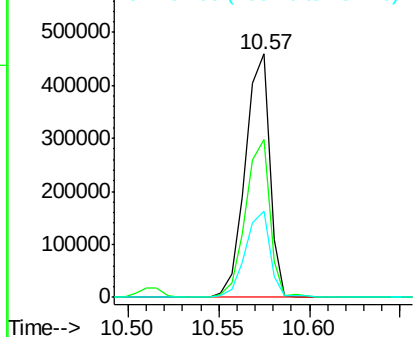
#65
 n-Nitrosodiphenylamine
 Concen: 41.167 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 430940
 Ion Ratio Lower Upper
 169 100
 168 64.9 54.4 81.6
 167 35.2 29.8 44.6

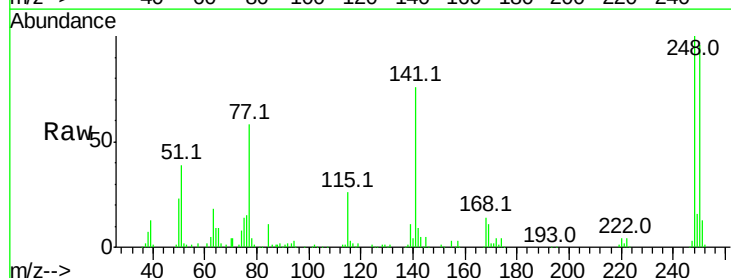


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

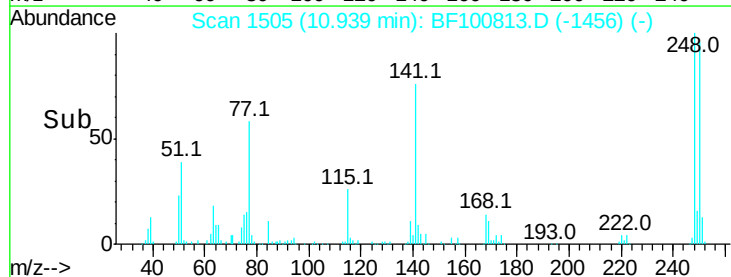
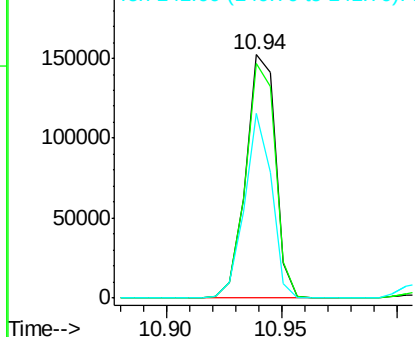


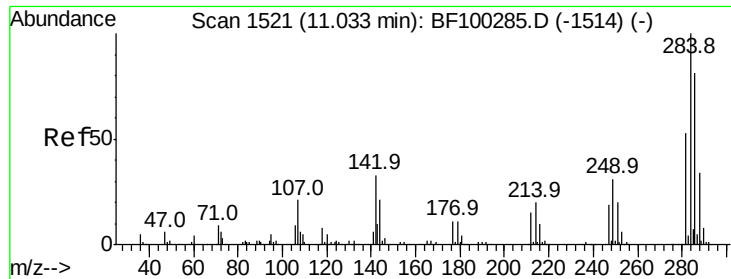
#66
 4-Bromophenyl-phenylether
 Concen: 42.683 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:248 Resp: 137750
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 75.7 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 43.040 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

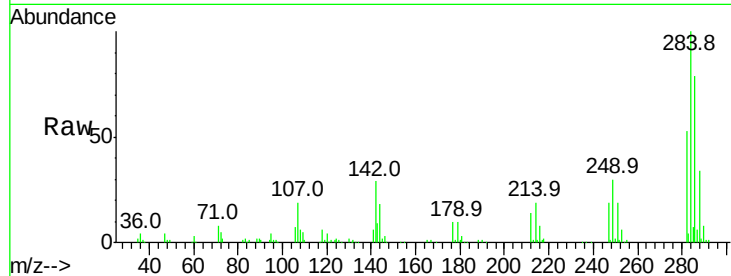
Tot Ion:284 Resp: 145276

Ion Ratio Lower Upper

284 100

142 29.3 34.6 52.0#

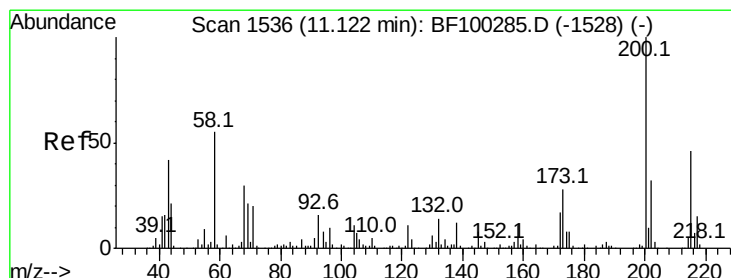
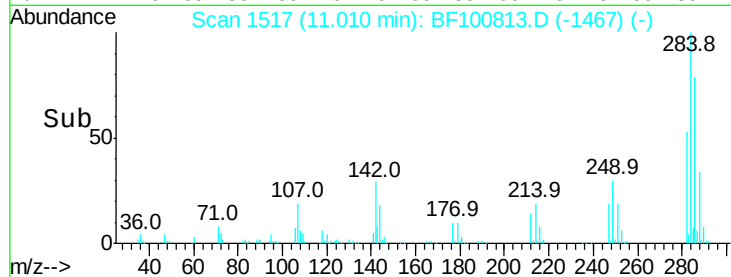
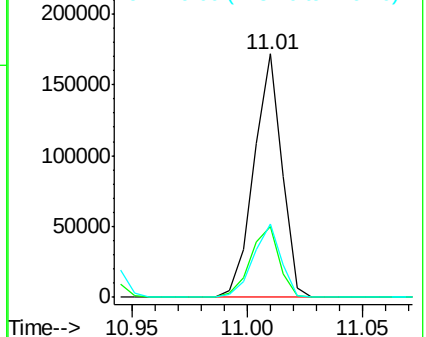
249 30.1 24.8 37.2



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: 42.074 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

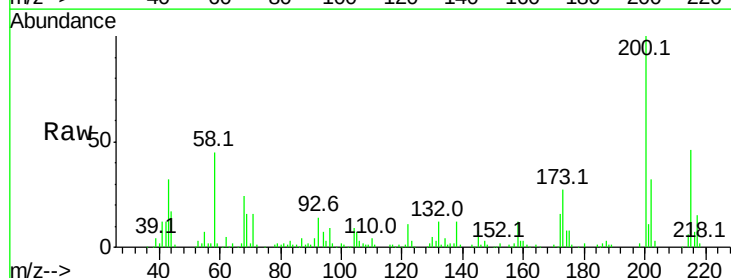
Tgt Ion:200 Resp: 133319

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

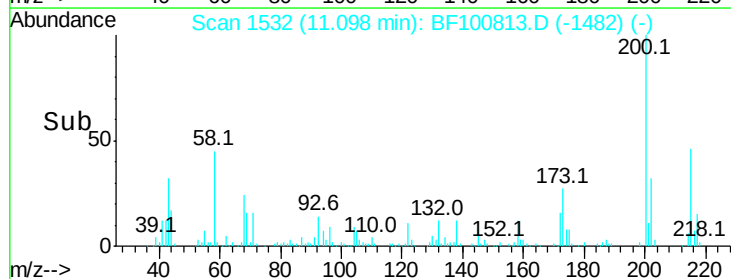
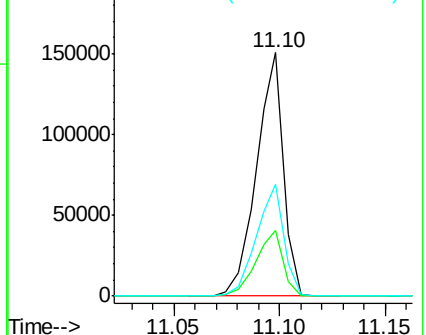
215 46.0 25.1 65.1

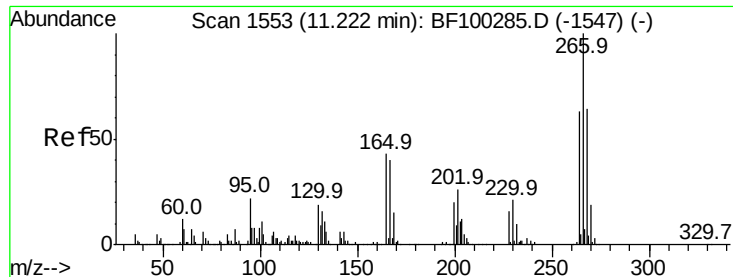


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

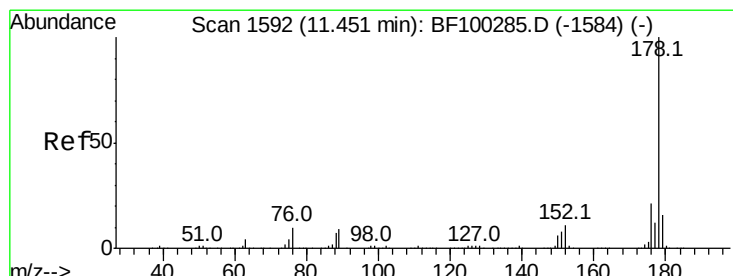
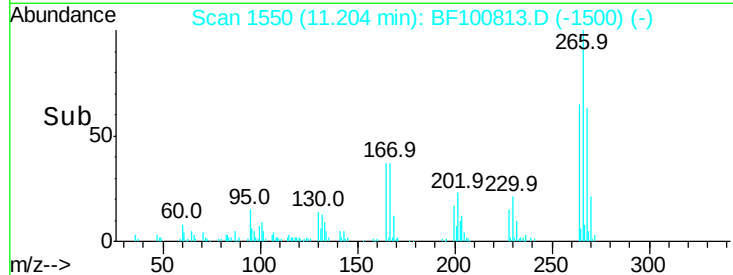
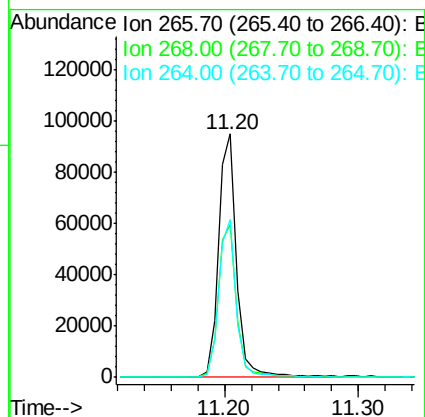
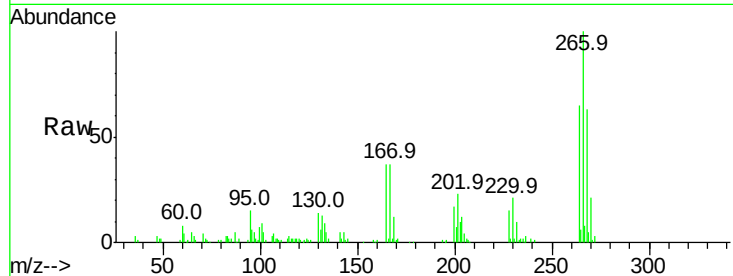




#69
 Pentachlorophenol
 Concen: 37.526 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

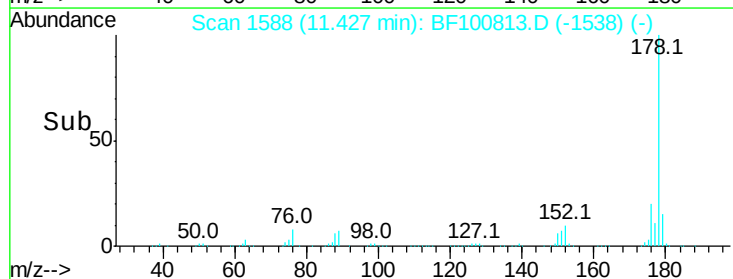
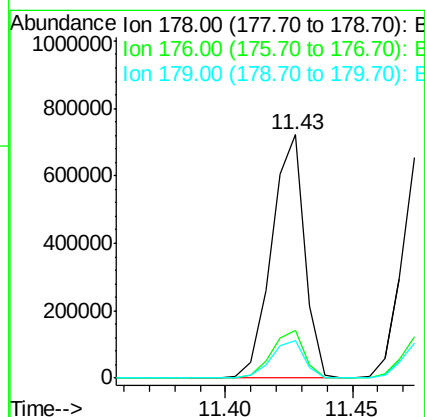
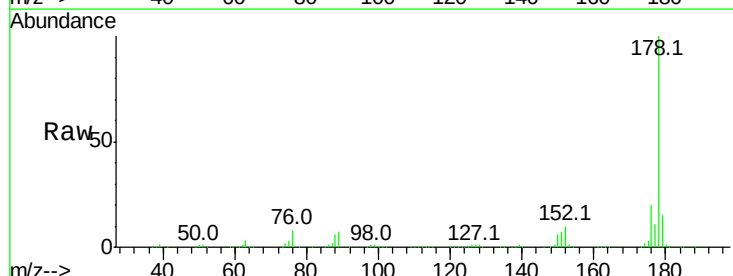
Instrument :
 BNA_F
 ClientSampleId :

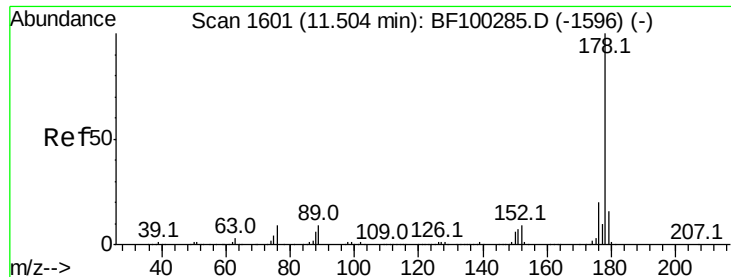
Tot Ion:266 Resp: 90824
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 64.8 49.5 74.3



#70
 Phenanthrene
 Concen: 41.500 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:178 Resp: 657815
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6

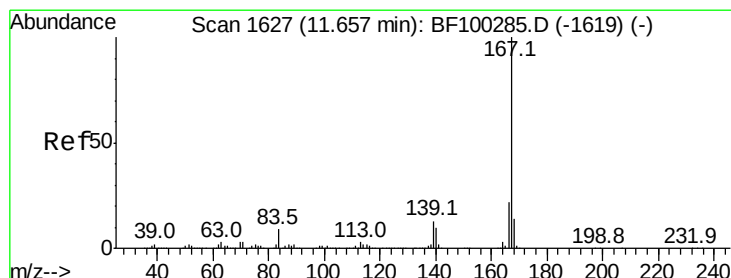
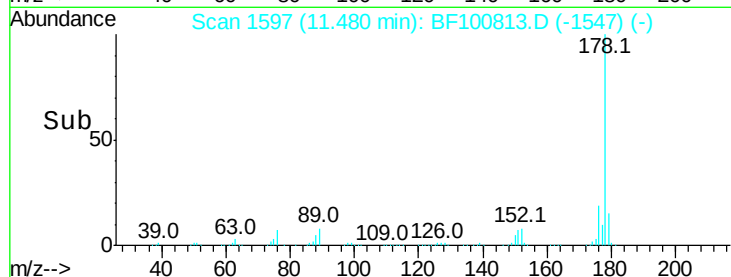
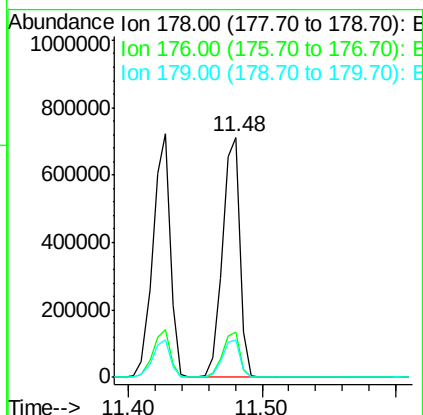
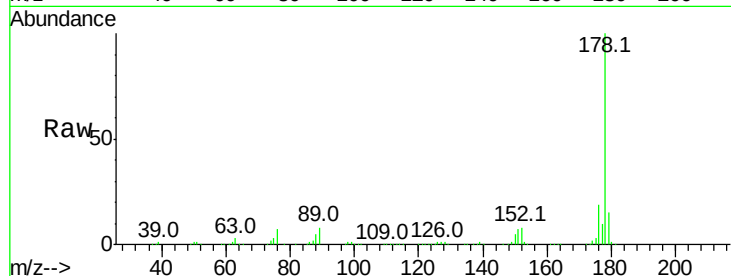




#71
 Anthracene
 Concen: 41.125 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

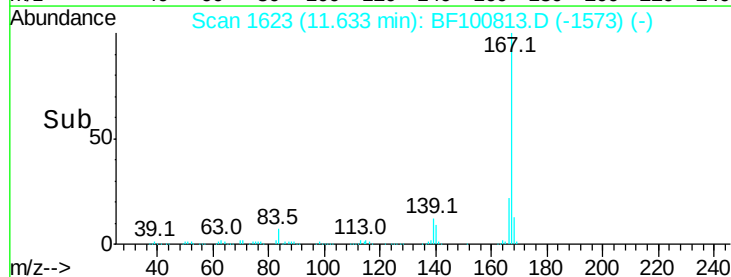
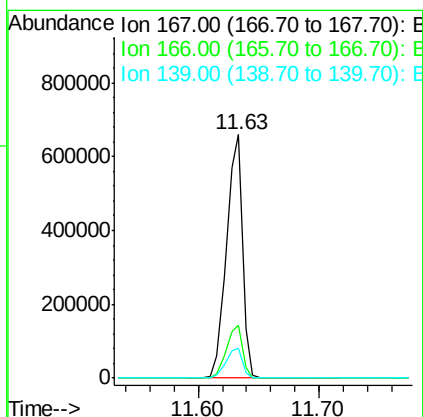
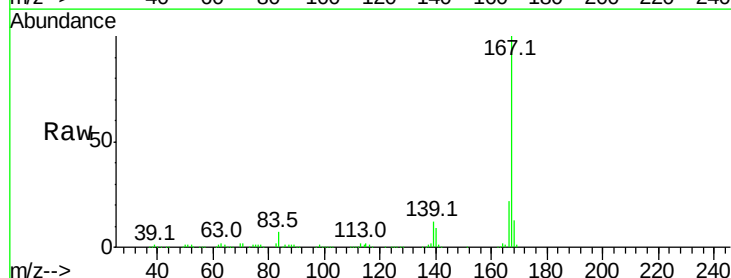
Instrument :
 BNA_F
 ClientSampled :

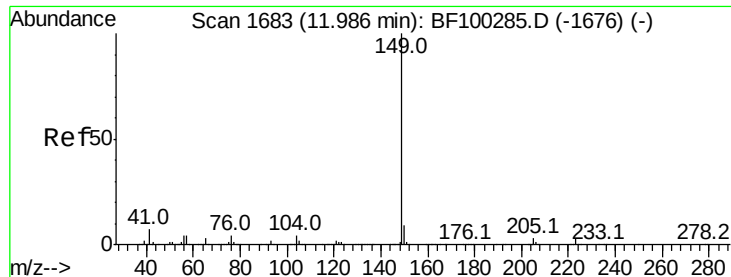
Tot Ion:178 Resp: 661370
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.757 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:167 Resp: 604777
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.1 10.9 16.3

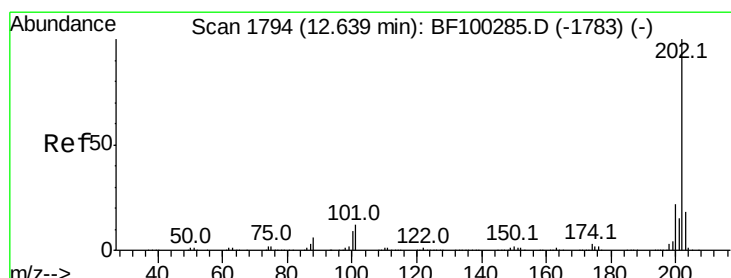
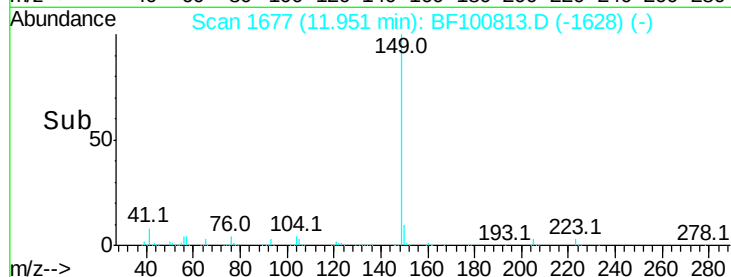
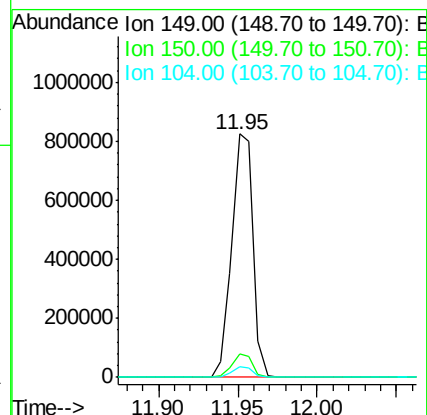
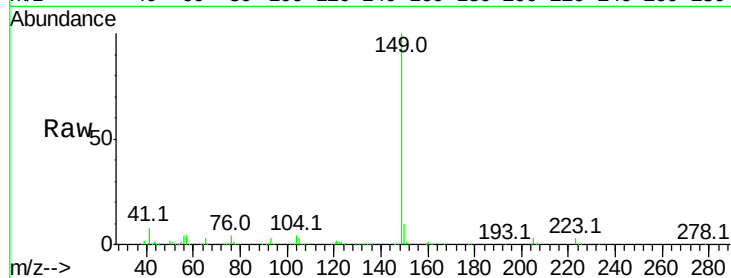




#73
Di-n-butylphthalate
Concen: 43.981 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

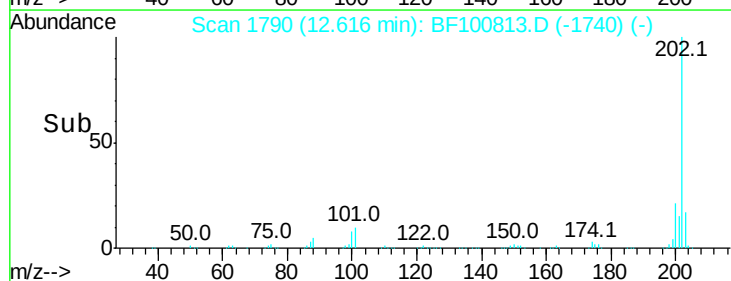
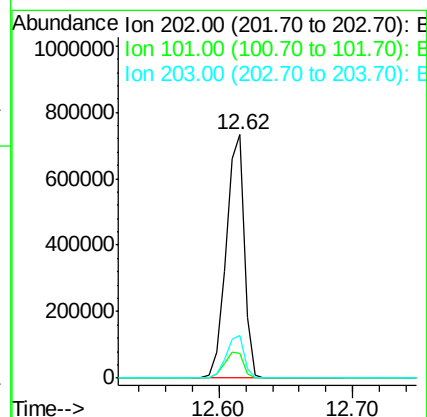
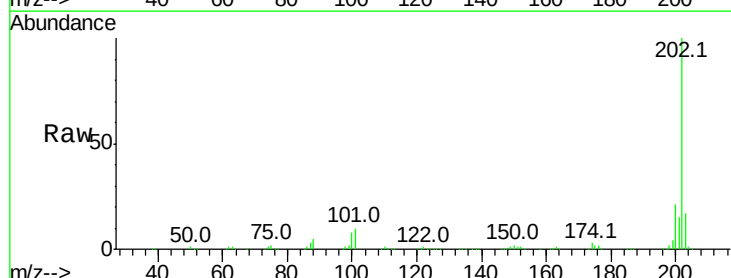
Instrument :
BNA_F
ClientSampleId :

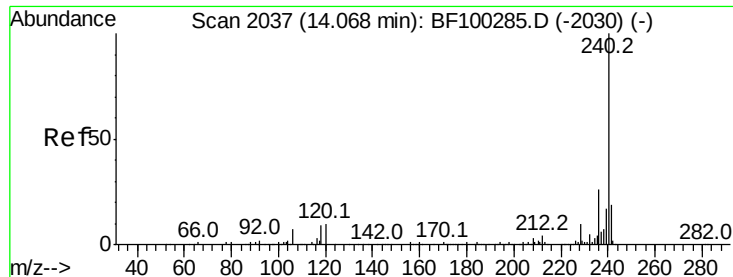
Tot Ion:149 Resp: 763717
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 41.945 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:202 Resp: 704648
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.1
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

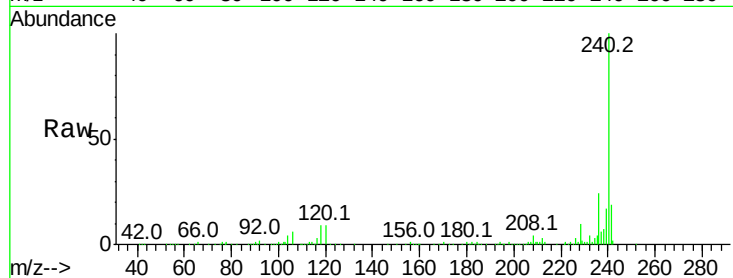
Tot Ion:240 Resp: 247308

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

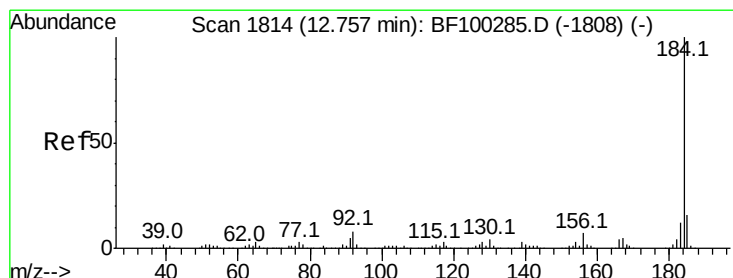
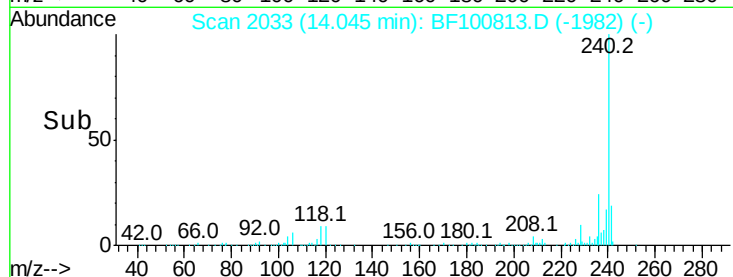
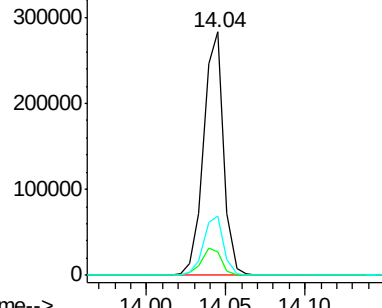
236 24.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.363 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

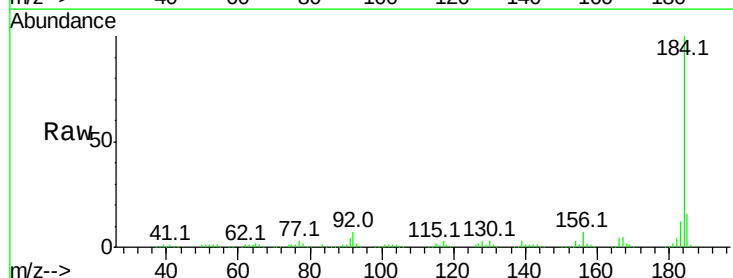
Tgt Ion:184 Resp: 350243

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

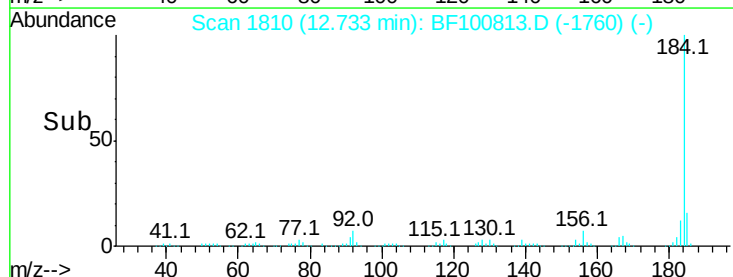
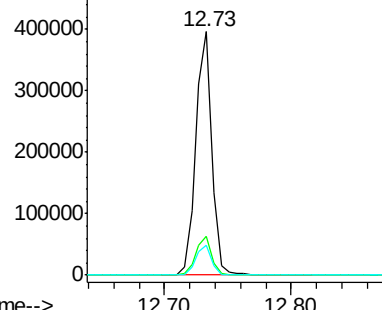
183 12.0 9.3 13.9

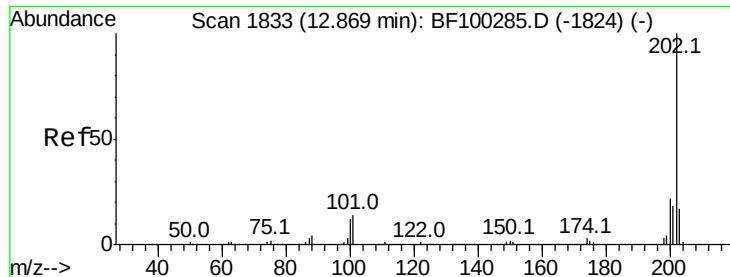


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

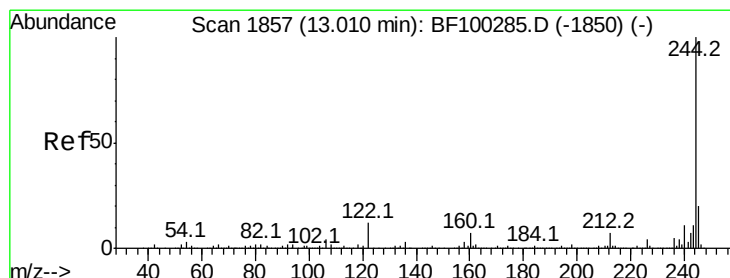
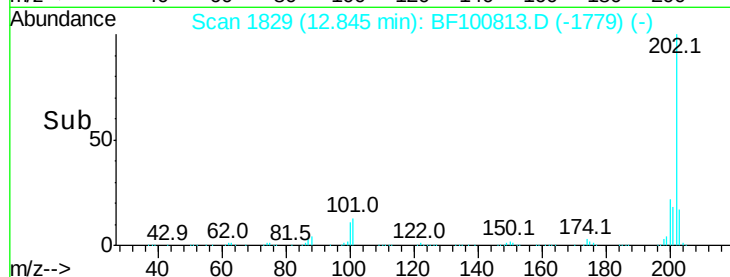
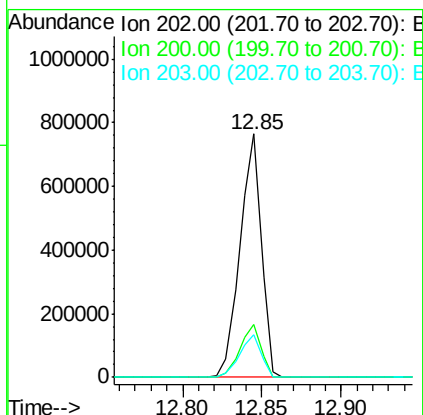
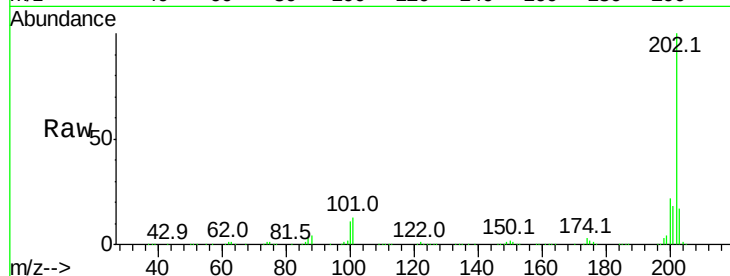




#77
Pvrene
Concen: 40.447 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

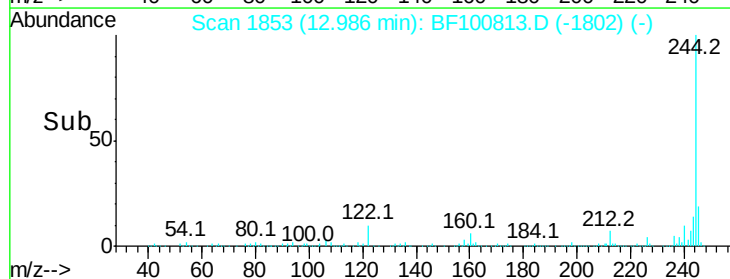
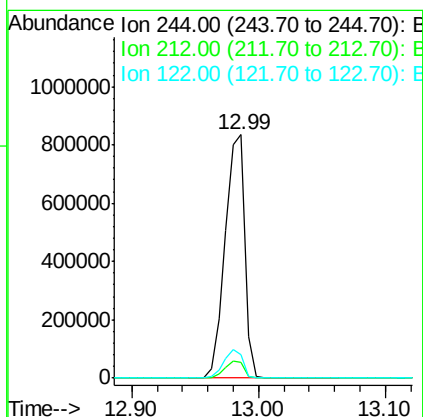
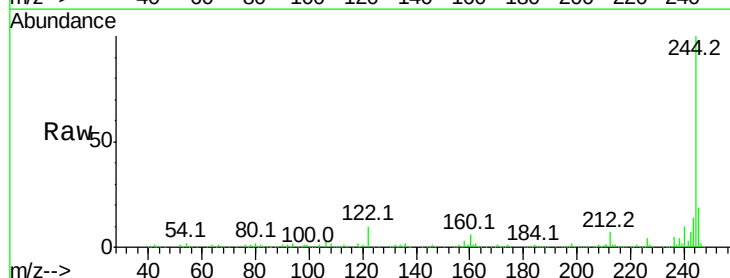
Instrument :
BNA_F
ClientSampleId :

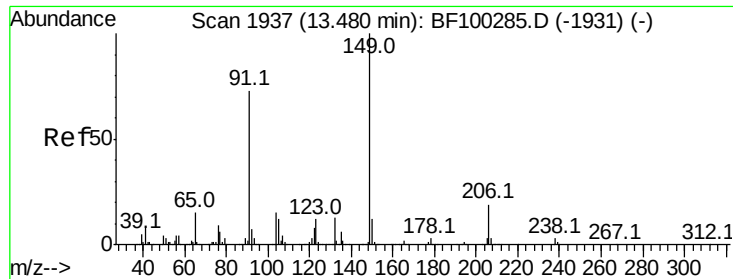
Tot Ion:202 Resp: 713043
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 83.205 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:244 Resp: 895554
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.7 11.0 16.4#

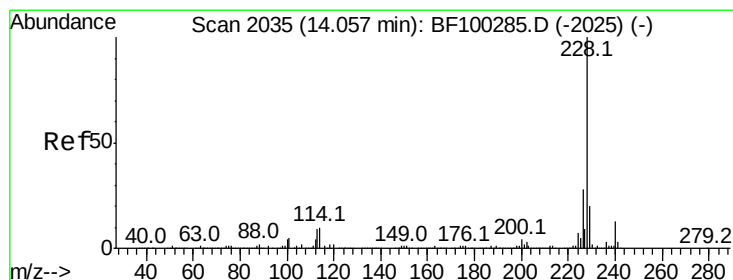
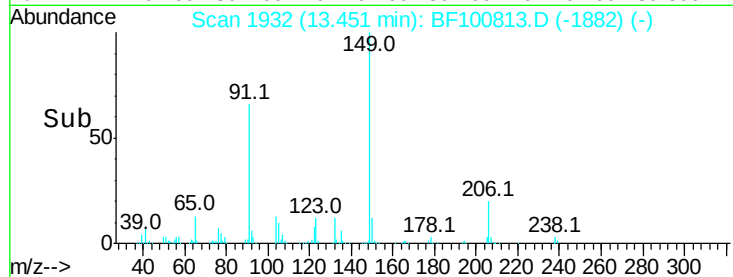
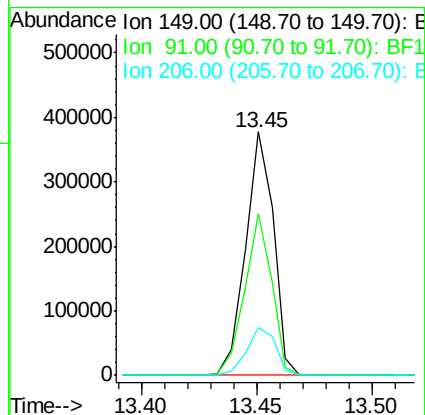
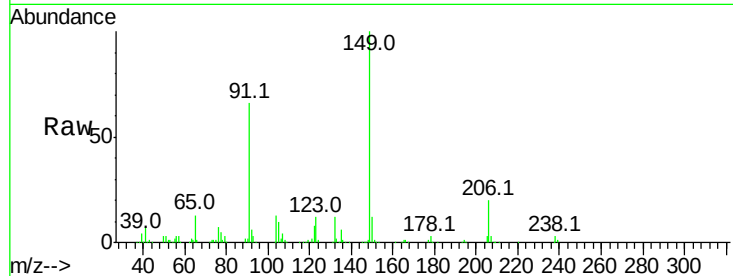




#79
Butylbenzylphthalate
Concen: 44.408 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

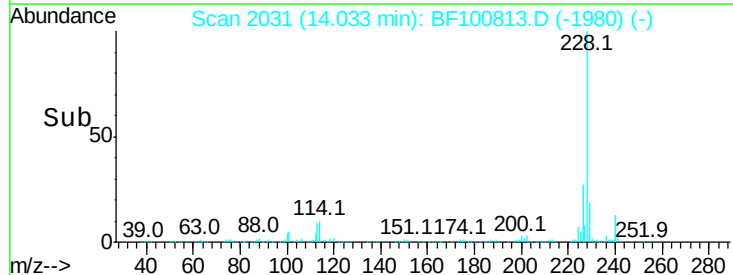
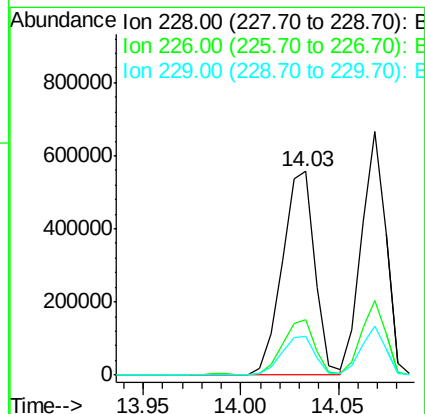
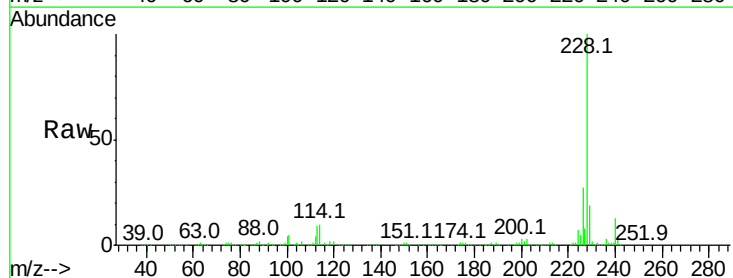
Instrument :
BNA_F
ClientSampled :

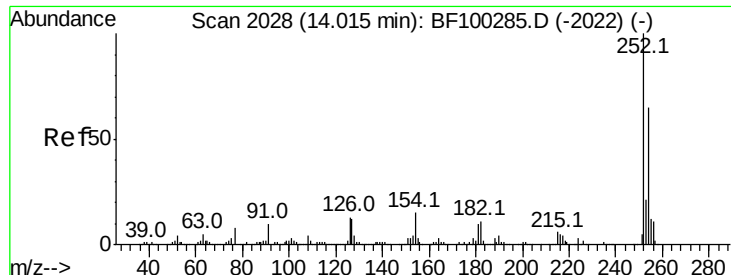
Tot Ion:149 Resp: 319268
Ion Ratio Lower Upper
149 100
91 66.3 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.074 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:228 Resp: 641490
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.4 15.8 23.6

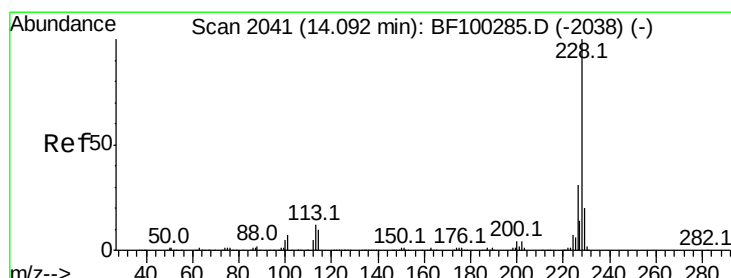
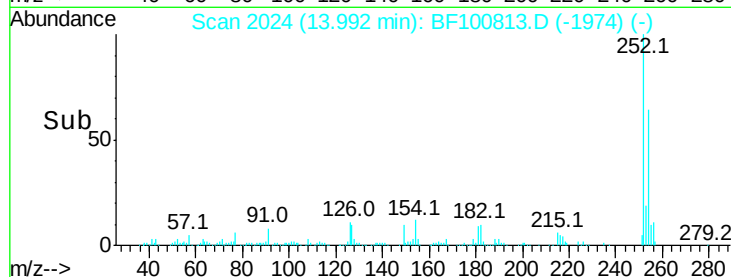
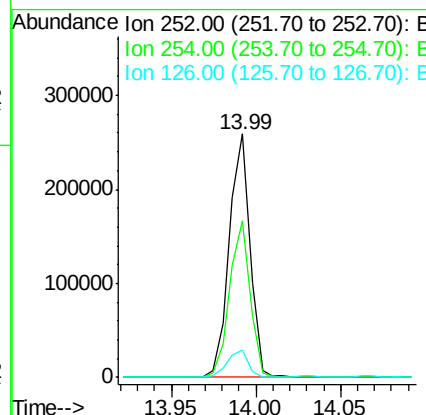
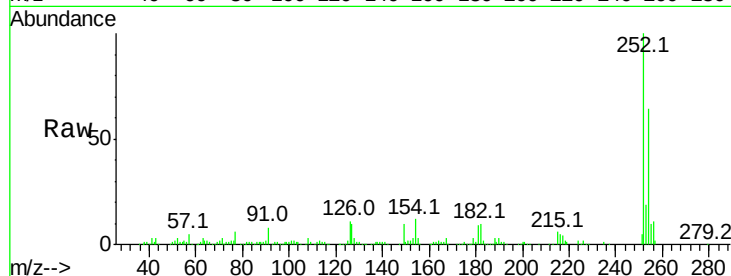




#81
 3,3'-Dichlorobenzidine
 Concen: 41.449 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

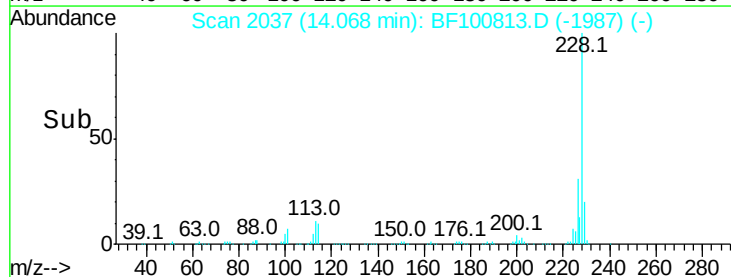
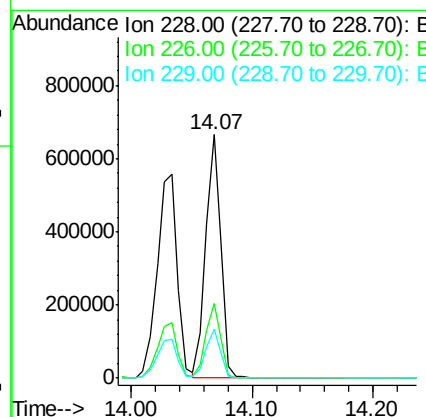
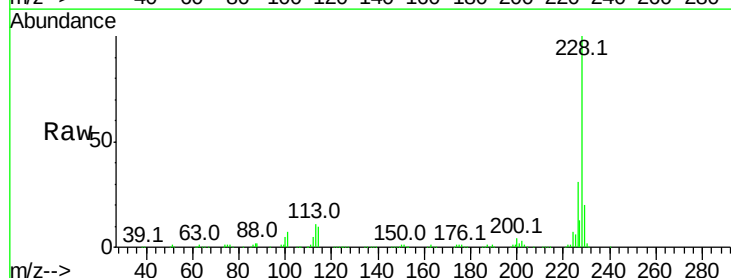
Instrument :
 BNA_F
 ClientSampleId :

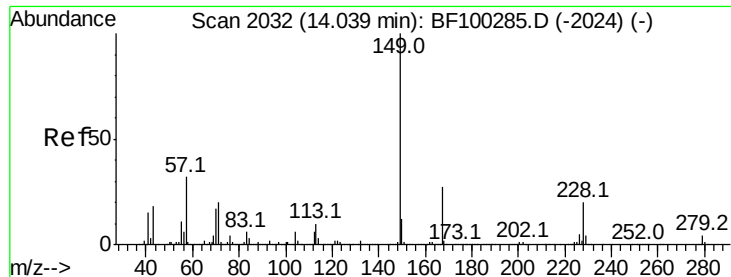
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.0	11.3	16.9#



#82
 Chrysene
 Concen: 40.308 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.3	16.2	24.4

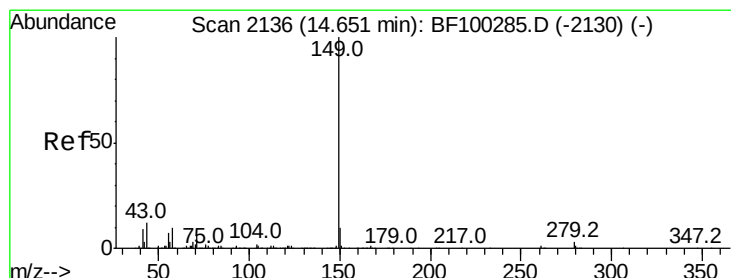
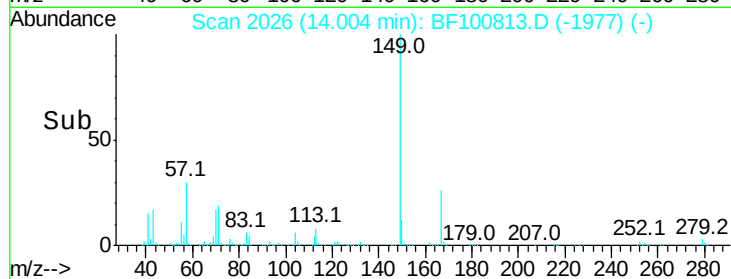
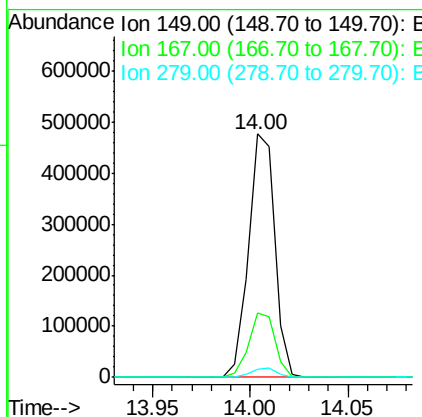
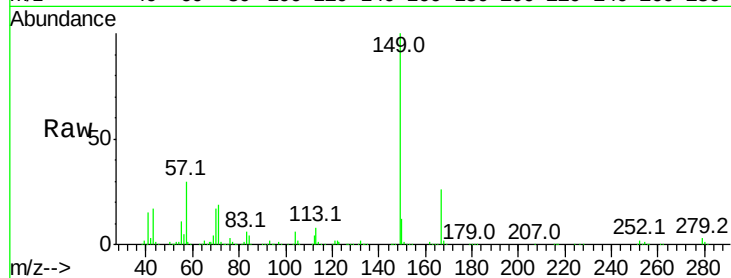




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.112 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

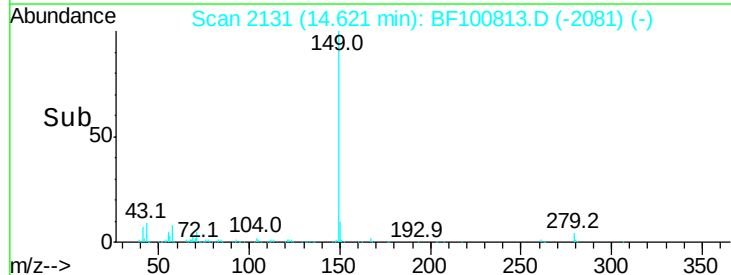
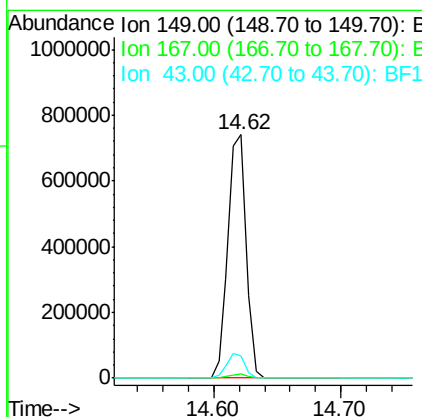
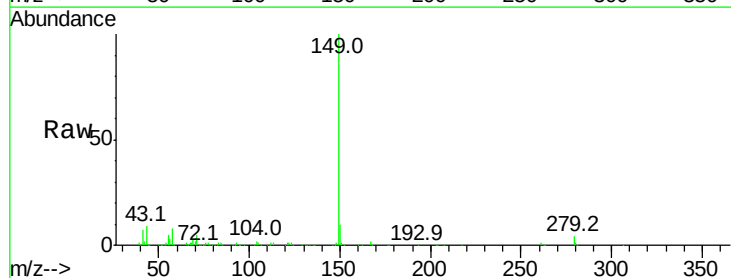
Instrument :
 BNA_F
 ClientSampleId :

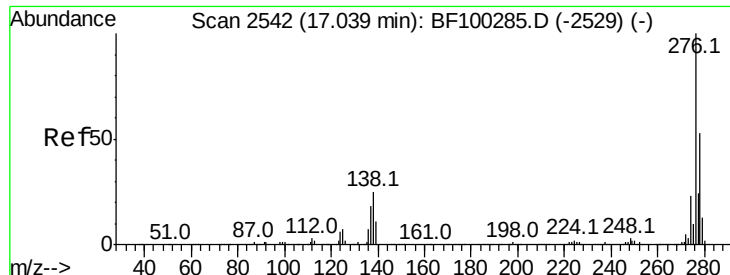
Tot Ion:149 Resp: 445484
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.241 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion:149 Resp: 734905
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.0 8.4 12.6

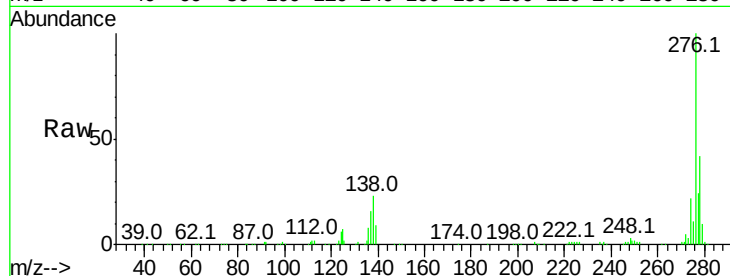




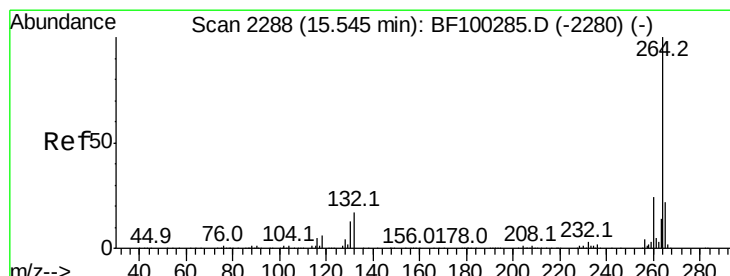
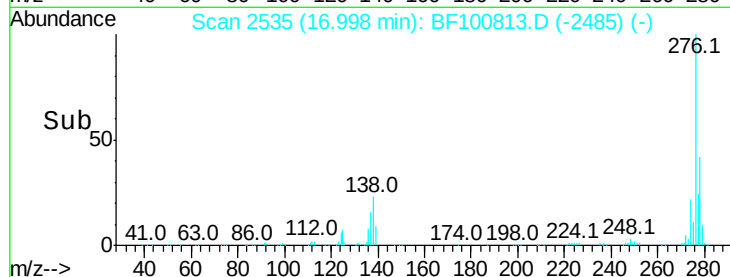
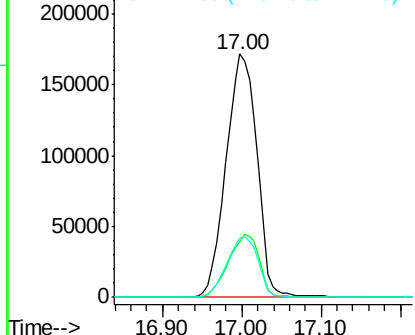
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.711 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	25.3	20.1	30.1

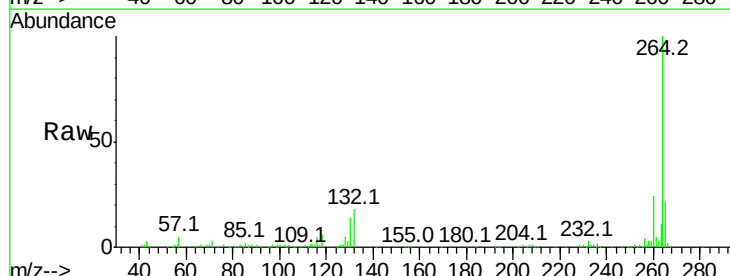


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

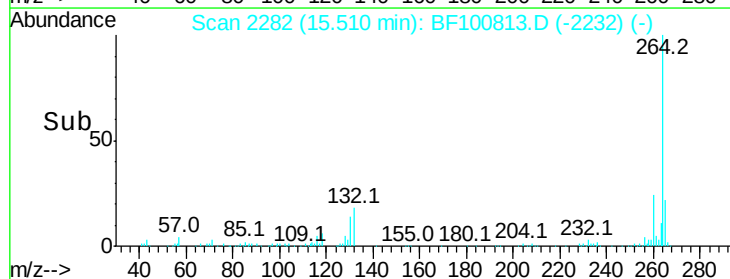
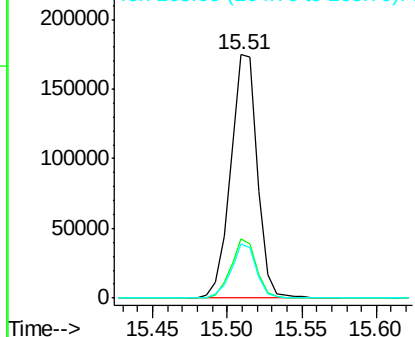


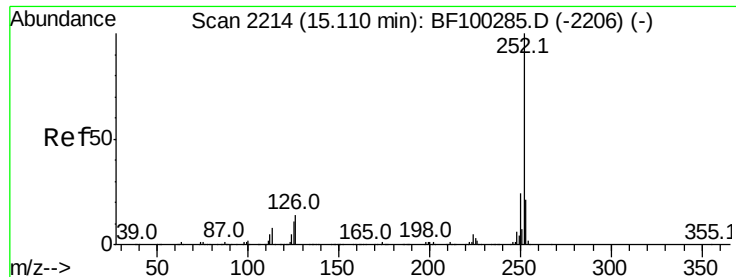
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100813.D
 Acq: 22 Nov 2017 9:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.519 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100813.D

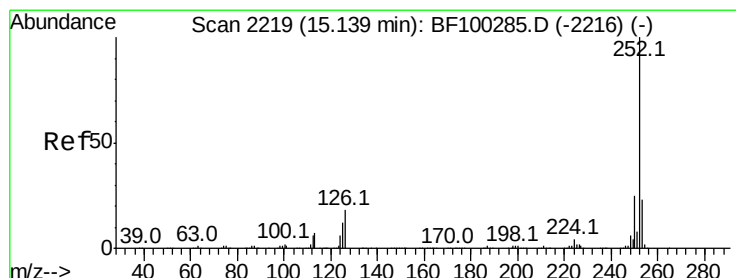
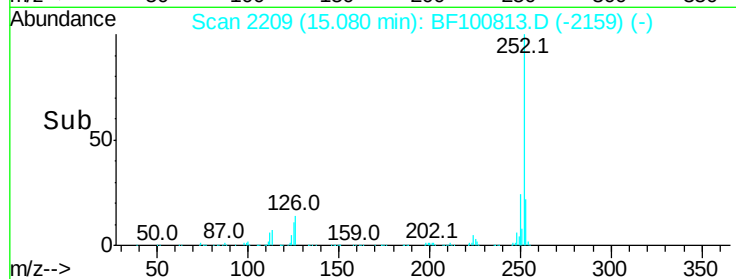
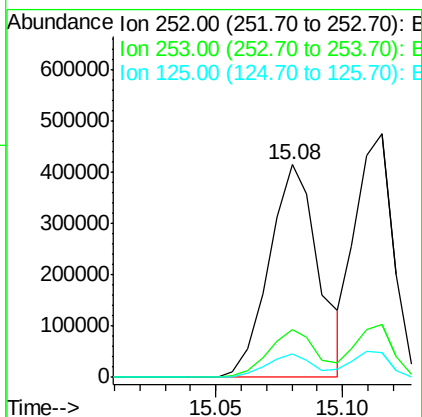
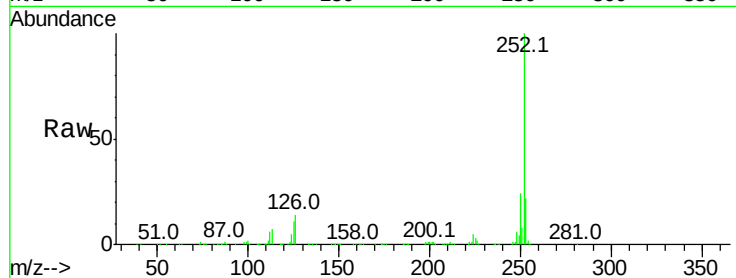
Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	566205
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 46.059 ng

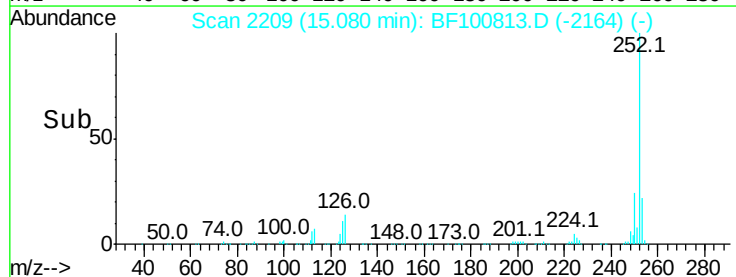
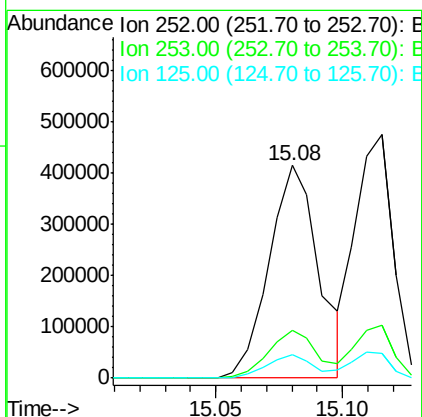
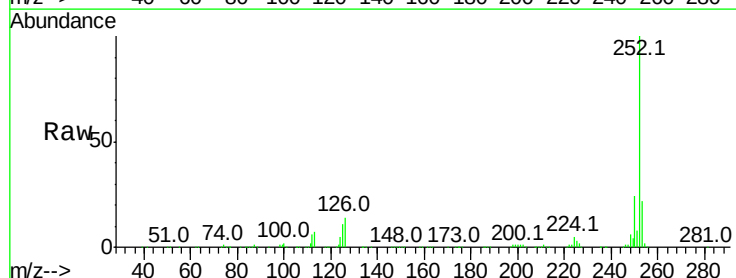
RT: 15.08 min Scan# 2209

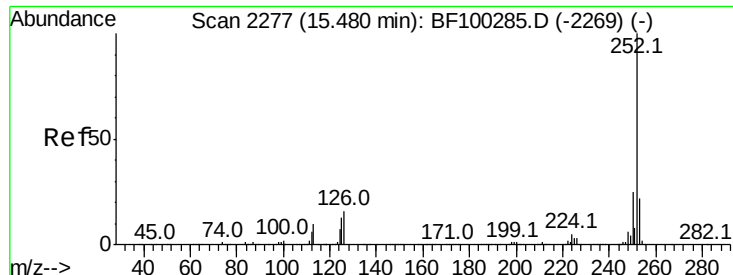
Delta R.T. -0.04 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Tgt Ion:	252	Resp:	566205
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	11.0	10.2	15.2

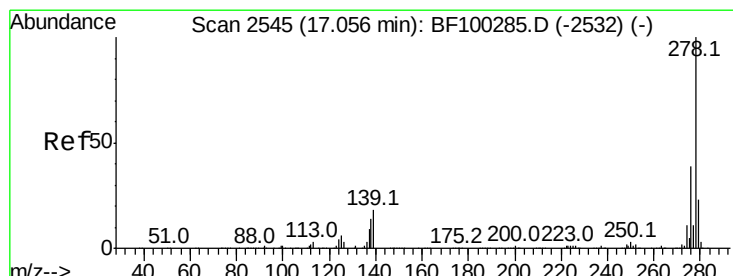
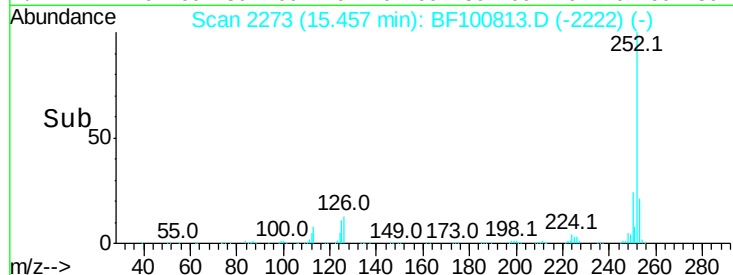
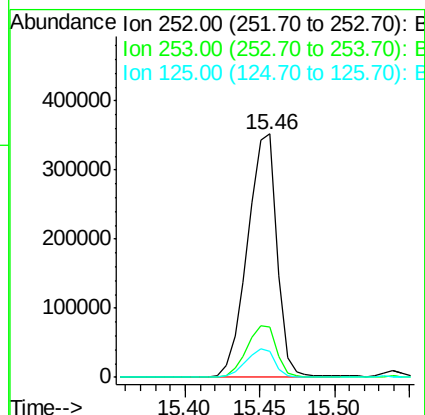
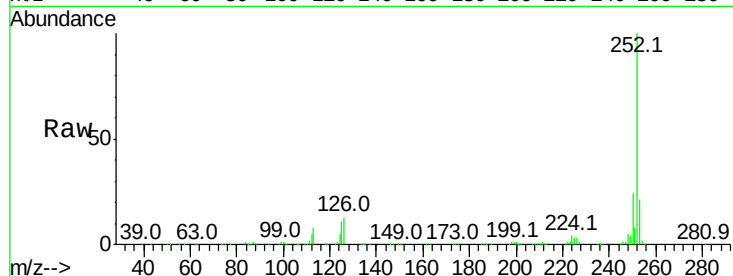




#89
Benzo(a)pyrene
Concen: 41.644 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

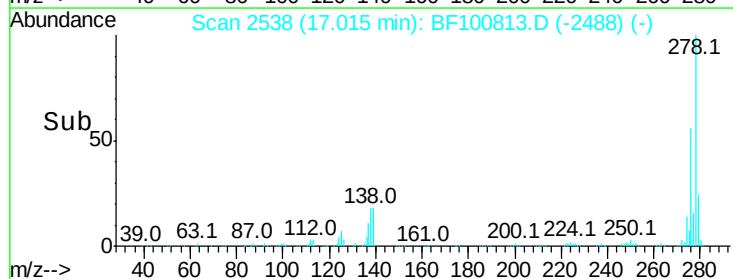
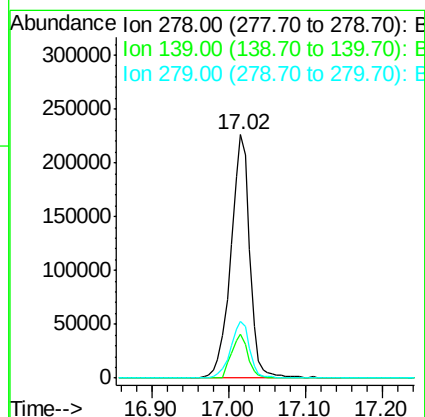
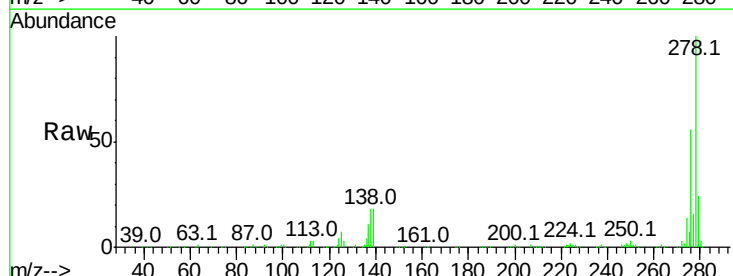
Instrument :
BNA_F
ClientSampleId :

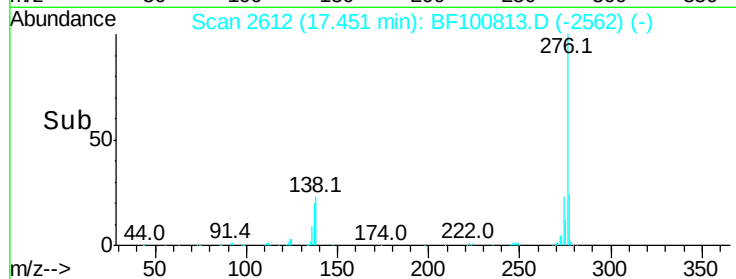
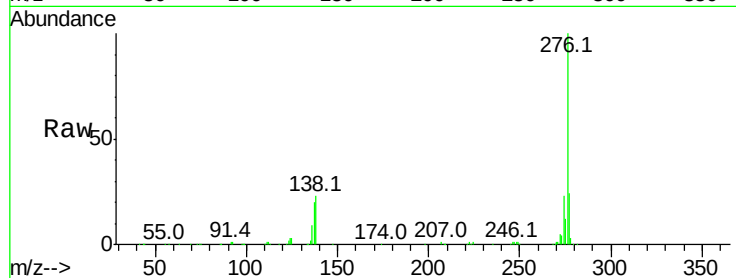
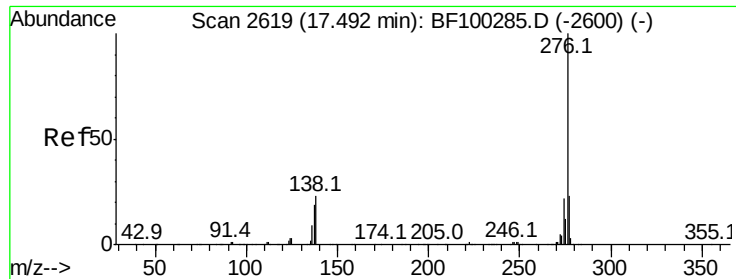
Tot Ion:252 Resp: 480328
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 10.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.401 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100813.D
Acq: 22 Nov 2017 9:10

Tgt Ion:278 Resp: 390524
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.692 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100813.D

Acq: 22 Nov 2017 9:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 375735

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.2 21.8 32.8

