

Data File : BF100511.D
Acq On : 13 Nov 2017 19:07
Operator : SJ/JU
Sample : I6301-07MSD 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Quant Time: Nov 14 00:50:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	79258	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	285181	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	111405	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	176326	20.00	ng	0.00
75) Chrysene-d12	14.06	240	169718	20.00	ng	0.00
86) Perylene-d12	15.54	264	130670	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	236511	47.83	ng	0.00
7) Phenol-d6	6.52	99	272690	44.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	162401	37.65	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	54933	48.39	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	284158	38.84	ng	0.00
78) Terphenyl-d14	12.99	244	211364	28.62	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.70	88	26098	10.83	ng	96
3) Pyridine	3.49	79	71915	10.94	ng	96
4) n-Nitrosodimethylamine	3.42	42	39513	12.38	ng	83
6) Aniline	6.55	93	49602	5.76	ng	96
8) 2-Chlorophenol	6.67	128	79437	15.19	ng	99
9) Benzaldehyde	6.44	77	35669	8.19	ng	97
10) Phenol	6.53	94	101389	15.84	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	72067	13.40	ng	94
12) 1,3-Dichlorobenzene	6.83	146	90828	15.06	ng	98
13) 1,4-Dichlorobenzene	6.91	146	91808	15.04	ng	97
14) 1,2-Dichlorobenzene	7.06	146	88494	15.68	ng	97
15) Benzyl Alcohol	7.03	79	66552	13.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	118303	13.76	ng	99
17) 2-Methylphenol	7.13	107	64445	14.42	ng	96
18) Hexachloroethane	7.40	117	18759	9.32	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	53124	12.56	ng	90
20) 3+4-Methylphenols	7.29	107	83126	14.70	ng	93
22) Acetophenone	7.30	105	110395	15.87	ng	99
24) Nitrobenzene	7.47	77	75447	16.99	ng	99
25) Isophorone	7.70	82	138689	15.30	ng	98
26) 2-Nitrophenol	7.79	139	33665	19.74	ng	94
27) 2,4-Dimethylphenol	7.82	122	68710	16.91	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	90017	15.18	ng	96
29) 2,4-Dichlorophenol	8.03	162	64876	16.72	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	71523	17.05	ng	92
31) Naphthalene	8.20	128	231048	16.82	ng	99
32) Benzoic acid	7.82	122	68710	27.14	ng	# 14
33) 4-Chloroaniline	8.24	127	48984	8.57	ng	98
34) Hexachlorobutadiene	8.31	225	41837	16.77	ng	99
35) Caprolactam	8.58	113	16855	12.66	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	61213	14.69	ng	96
37) 2-Methylnaphthalene	8.89	142	145862	15.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	67135	18.17	ng	# 96
42) 2,4,6-Trichlorophenol	9.16	196	42144	18.00	ng	95

Data File : BF100511.D
Acq On : 13 Nov 2017 19:07
Operator : SJ/JU
Sample : I6301-07MSD 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Quant Time: Nov 14 00:50:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

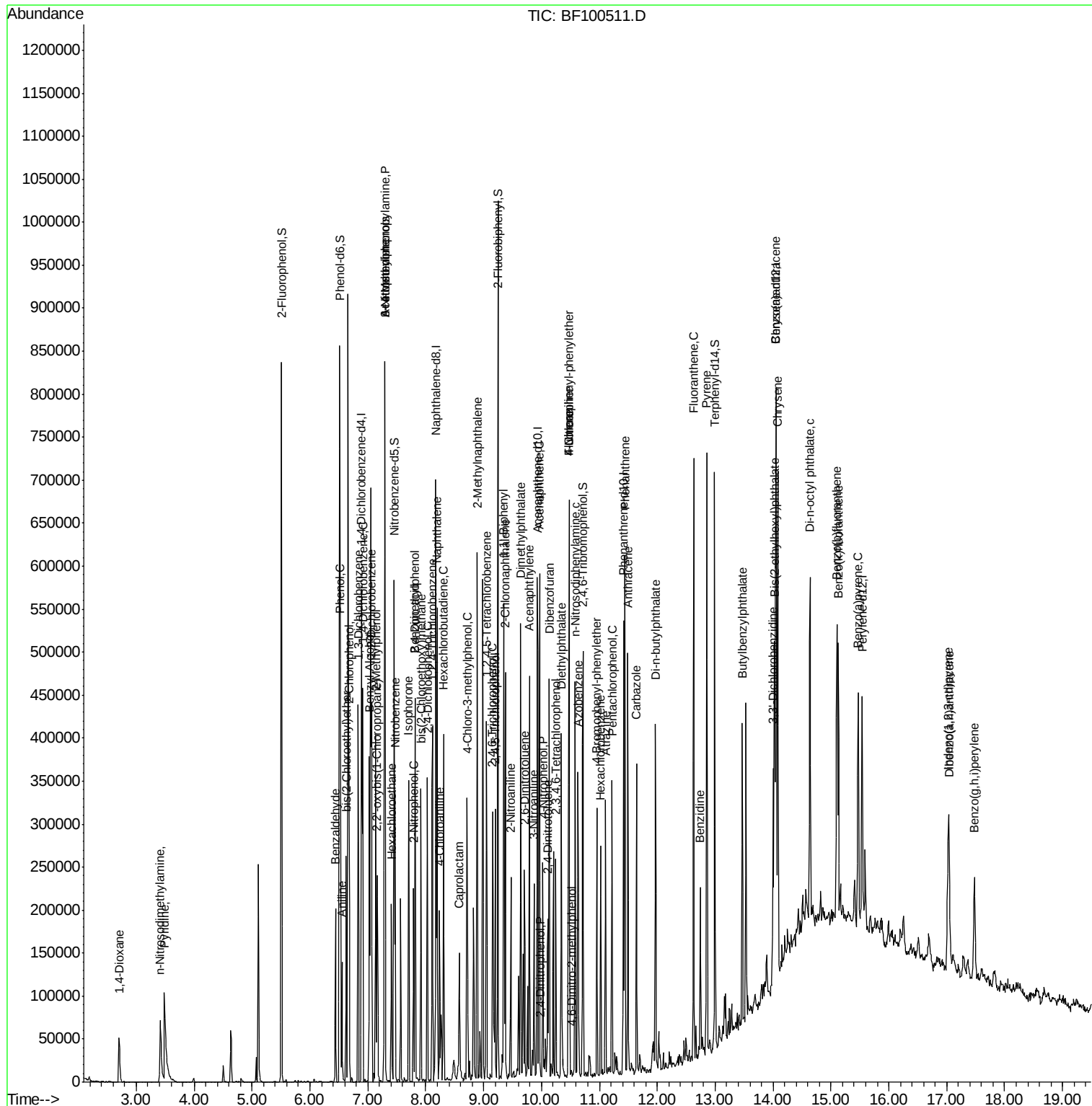
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	41982	17.30	ng	# 92
45) 1,1'-Biphenyl	9.35	154	169613	17.60	ng	98
46) 2-Chloronaphthalene	9.37	162	123531	17.67	ng	96
47) 2-Nitroaniline	9.47	65	36128	19.26	ng	94
48) Acenaphthylene	9.79	152	189853	16.39	ng	100
49) Dimethylphthalate	9.64	163	196570	23.11	ng	99
50) 2,6-Dinitrotoluene	9.70	165	27418	16.28	ng	95
51) Acenaphthene	9.96	154	109144	15.49	ng	99
52) 3-Nitroaniline	9.87	138	29399	14.79	ng	96
53) 2,4-Dinitrophenol	9.98	184	126	8.05	ng	# 1
54) Dibenzofuran	10.13	168	161464	16.35	ng	100
55) 4-Nitrophenol	10.02	139	38449	23.82	ng	97
56) 2,4-Dinitrotoluene	10.11	165	29930	14.09	ng	# 89
57) Fluorene	10.47	166	124656	17.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	29586	14.88	ng	# 86
59) Diethylphthalate	10.34	149	139873	16.43	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	60414	17.02	ng	89
61) 4-Nitroaniline	10.48	138	29255	15.52	ng	93
62) Azobenzene	10.63	77	130763	16.31	ng	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	792	9.30	ng	99
65) n-Nitrosodiphenylamine	10.58	169	109293	17.83	ng	94
66) 4-Bromophenyl-phenylether	10.96	248	34742	18.38	ng	# 87
67) Hexachlorobenzene	11.02	284	33487	16.94	ng	# 90
68) Atrazine	11.10	200	32230	17.37	ng	95
69) Pentachlorophenol	11.22	266	34317	24.21	ng	97
70) Phenanthrene	11.44	178	202116	21.77	ng	98
71) Anthracene	11.49	178	173714	18.44	ng	98
72) Carbazole	11.65	167	141643	16.30	ng	98
73) Di-n-butylphthalate	11.97	149	177603	17.46	ng	97
74) Fluoranthene	12.63	202	266266	27.06	ng	94
76) Benzidine	12.75	184	68356	10.06	ng	98
77) Pyrene	12.86	202	267729	22.13	ng	99
79) Butylbenzylphthalate	13.47	149	73091	14.81	ng	91
80) Benzo(a)anthracene	14.05	228	213830	20.92	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	51162	13.97	ng	# 96
82) Chrysene	14.08	228	195089	19.71	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	112335	17.31	ng	# 99
84) Di-n-octyl phthalate	14.64	149	189231	16.97	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	119385	14.91	ng	# 91
87) Benzo(b)fluoranthene	15.10	252	172948	22.34	ng	97
88) Benzo(k)fluoranthene	15.13	252	128046	17.51	ng	98
89) Benzo(a)pyrene	15.47	252	139286	20.29	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	86992	15.50	ng	# 94
91) Benzo(g,h,i)perylene	17.48	276	104251	18.97	ng	# 92

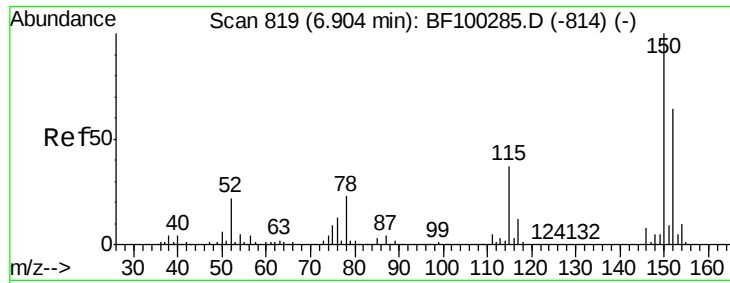
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 16 Sample Multiplier: 1

JC-02-110917-E

Response via : Initial Calibration



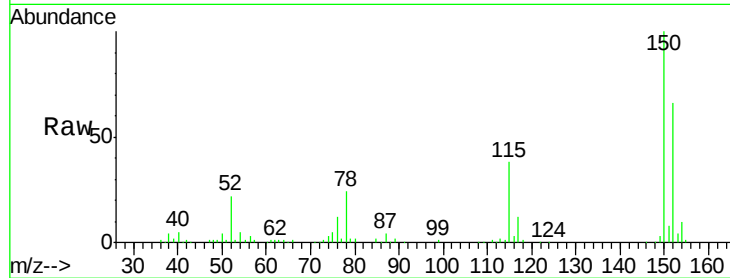


#1

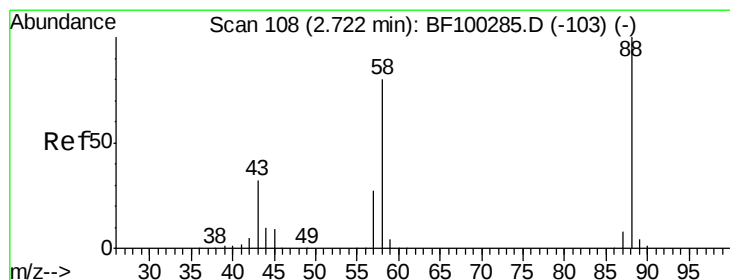
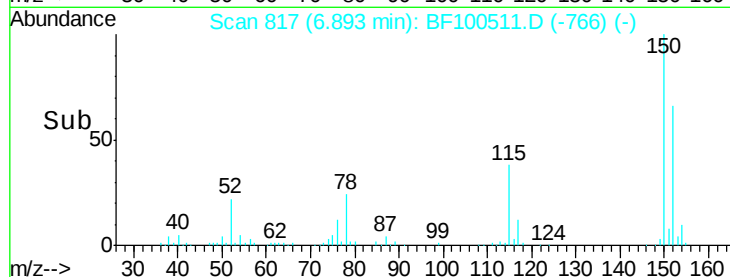
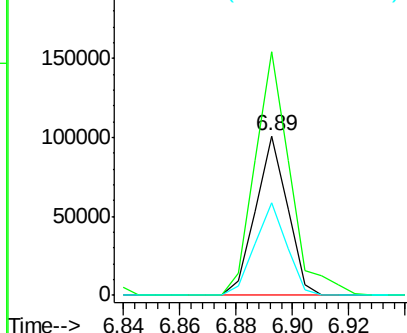
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tgt Ion:152 Resp: 79258
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 57.8 50.1 75.1



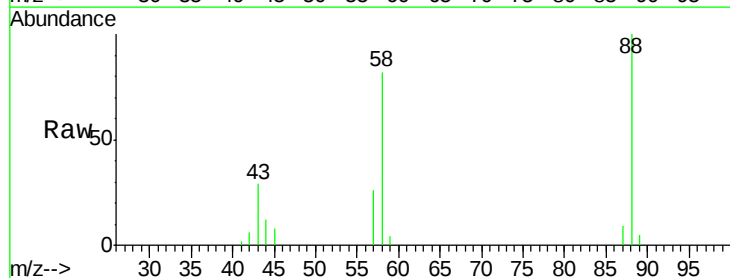
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



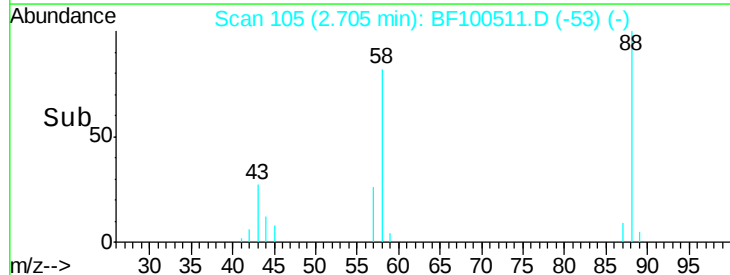
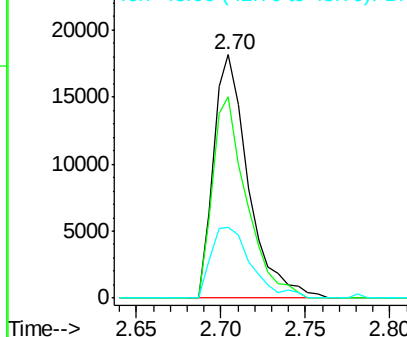
#2

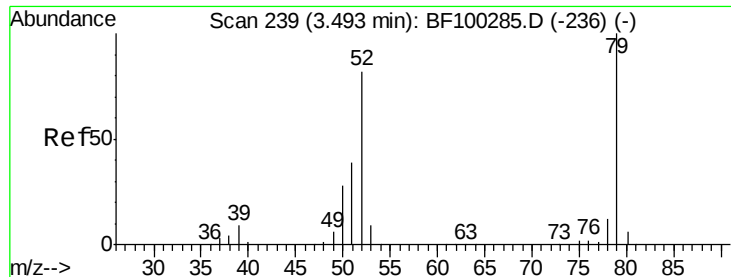
1,4-Dioxane
Concen: 10.83 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion: 88 Resp: 26098
Ion Ratio Lower Upper
88 100
58 80.8 62.6 93.8
43 33.7 24.6 37.0



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





#3

Pyridine

Concen: 10.94 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.02 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

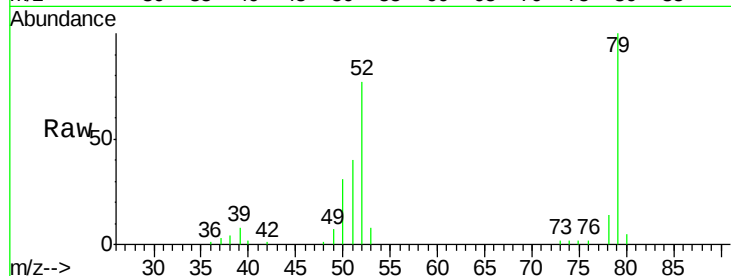
Tgt Ion: 79 Resp: 71915

Ion Ratio Lower Upper

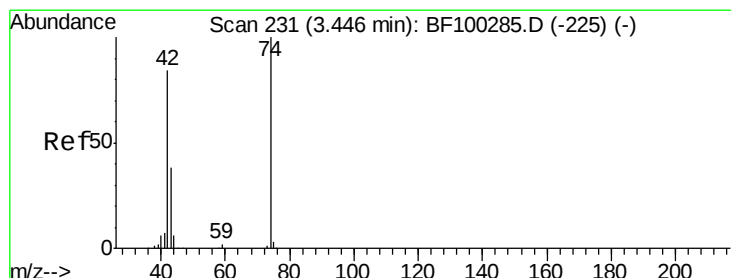
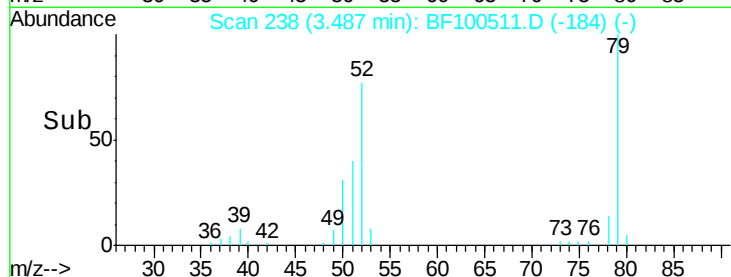
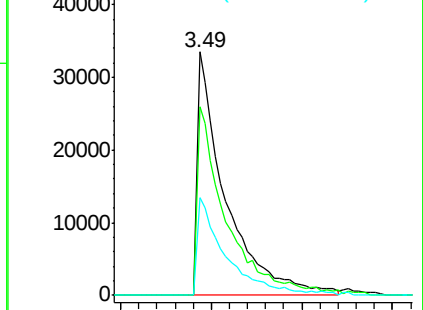
79 100

52 77.3 59.8 89.6

51 40.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 12.38 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

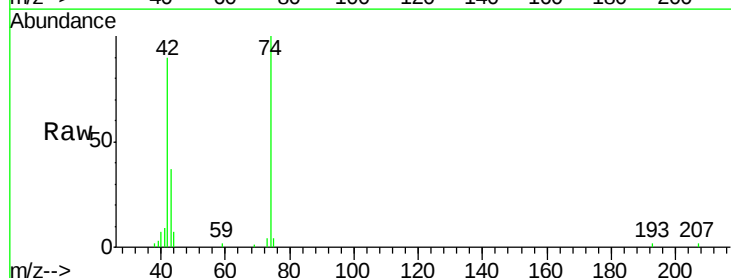
Tgt Ion: 42 Resp: 39513

Ion Ratio Lower Upper

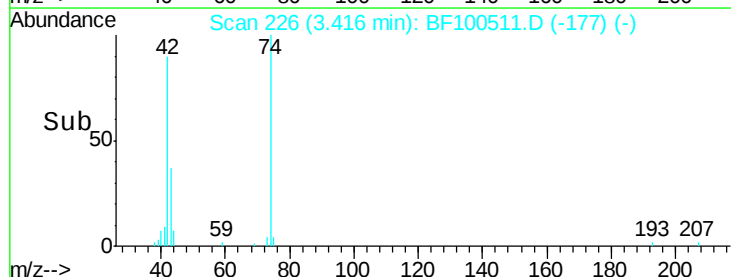
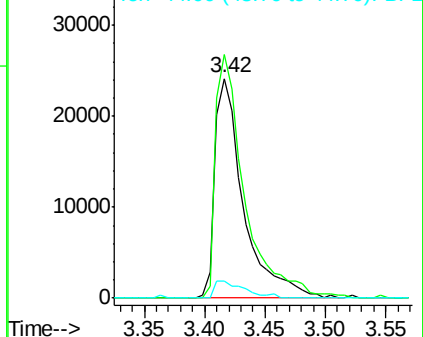
42 100

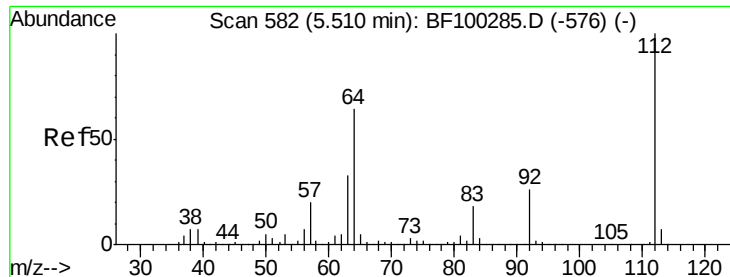
74 110.7 104.9 157.3

44 7.6 6.9 10.3



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





#5

2-Fluorophenol

Concen: 47.83 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

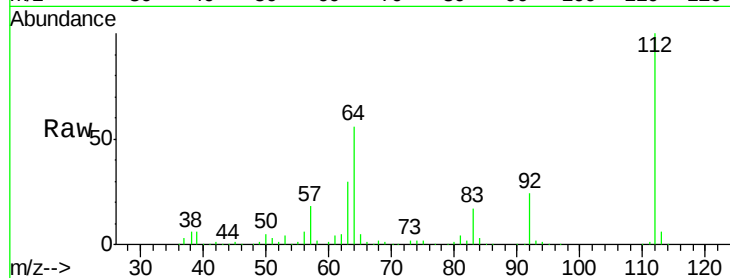
Tgt Ion: 112 Resp: 236511

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

63 29.5 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

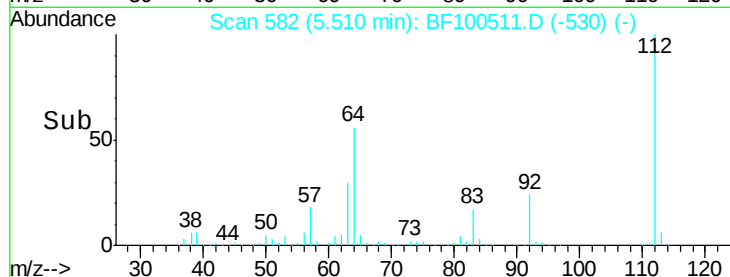
300000

200000

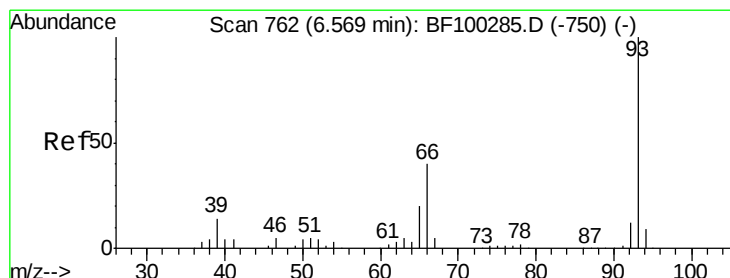
100000

0

5.45 5.50 5.55



Time-->



#6

Aniline

Concen: 5.76 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

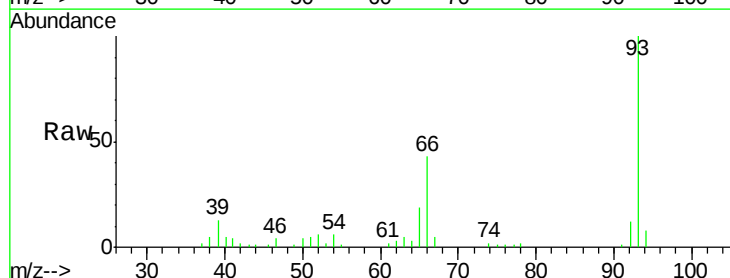
Tgt Ion: 93 Resp: 49602

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

65 18.8 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

120000

100000

80000

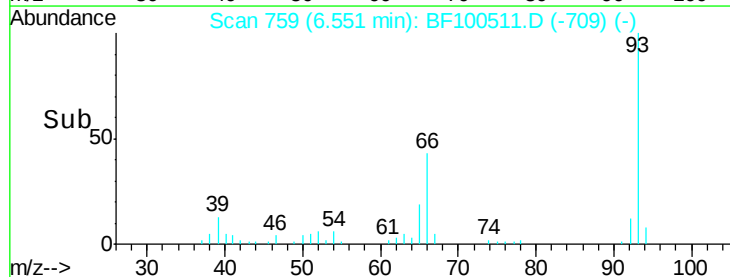
60000

40000

20000

0

6.50 6.55 6.60



Time-->



#7

Phenol-d6

Concen: 44.72 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

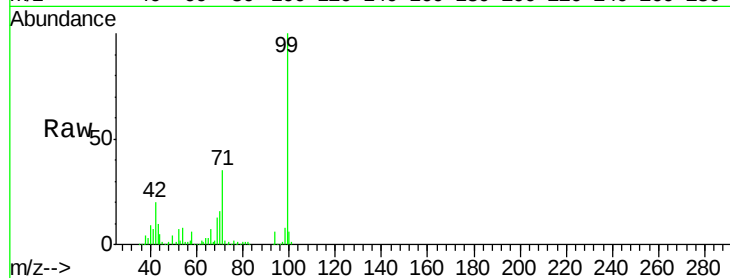
Tgt Ion: 99 Resp: 272690

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

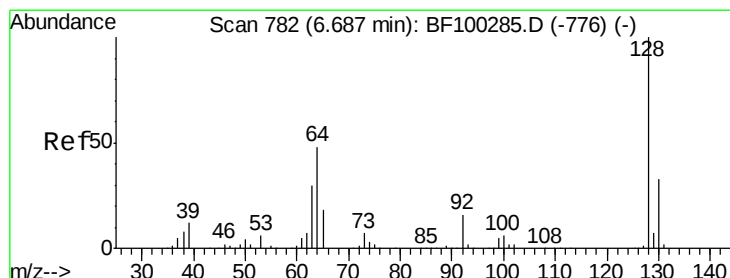
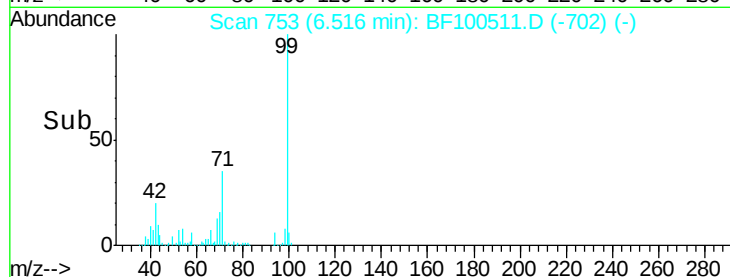
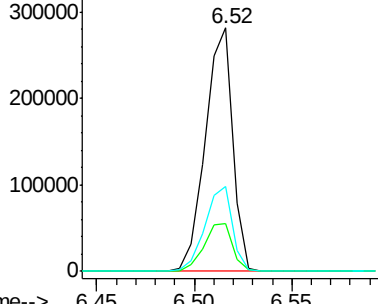
71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 15.19 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

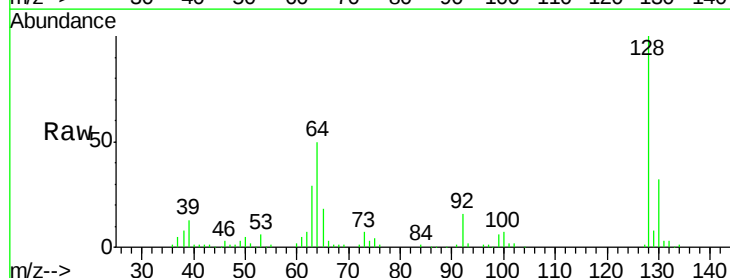
Tgt Ion: 128 Resp: 79437

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

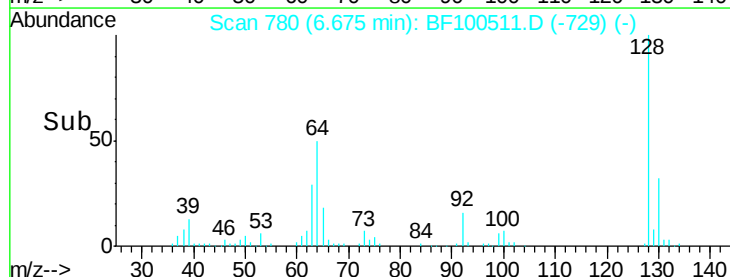
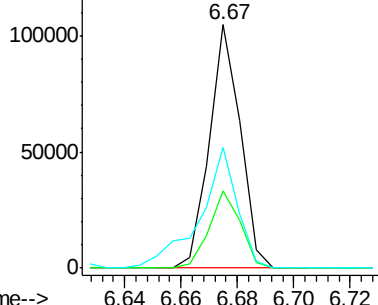
64 49.5 29.4 69.4

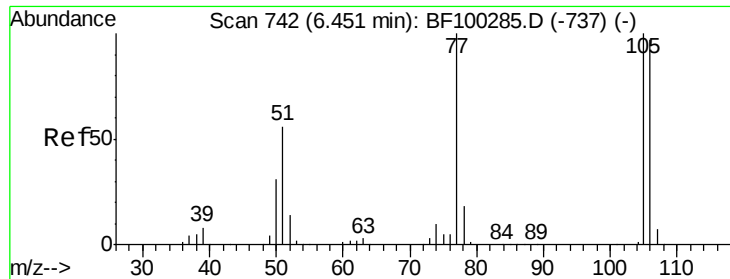


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.19 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

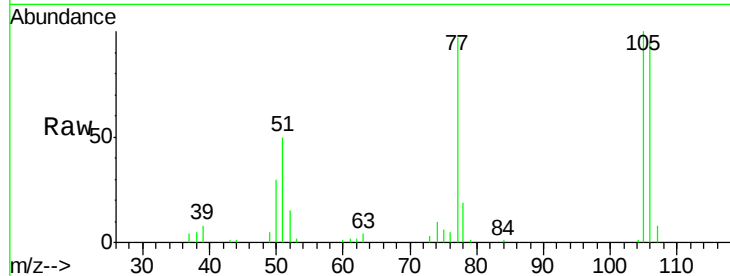
Tgt Ion: 77 Resp: 35669

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

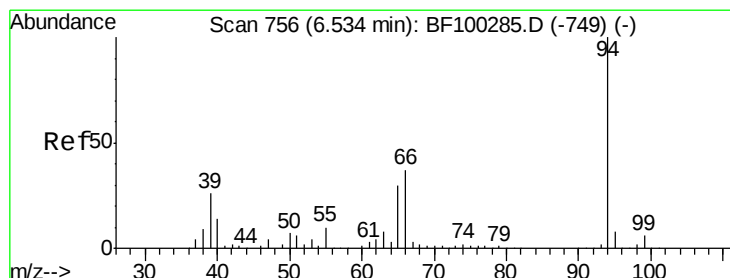
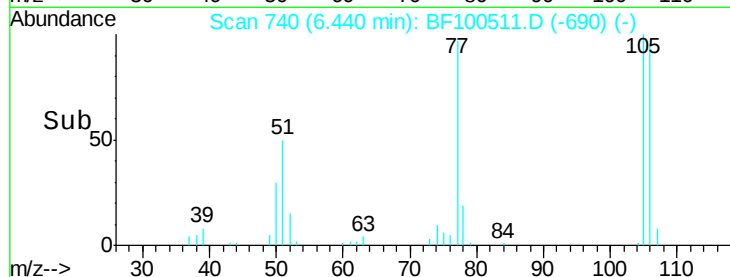
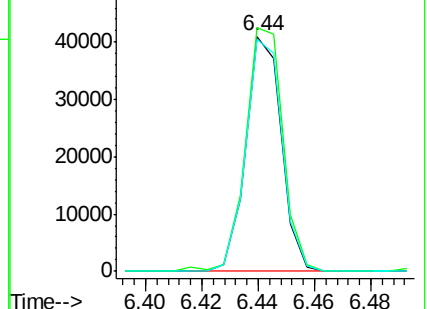
106 98.6 74.5 114.5



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: 15.84 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

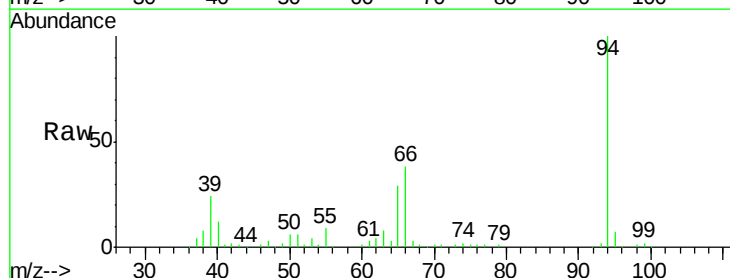
Tgt Ion: 94 Resp: 101389

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

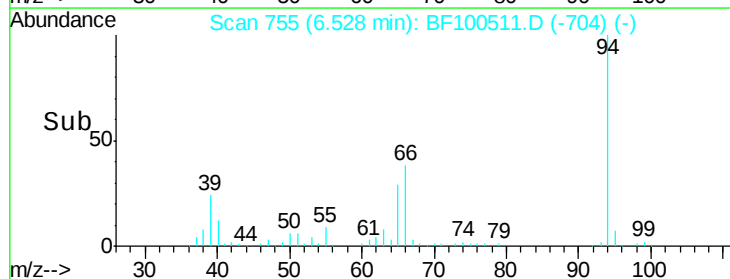
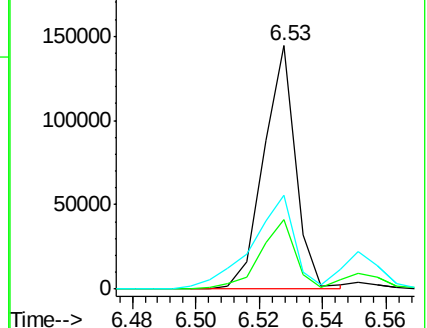
66 38.4 16.2 56.2

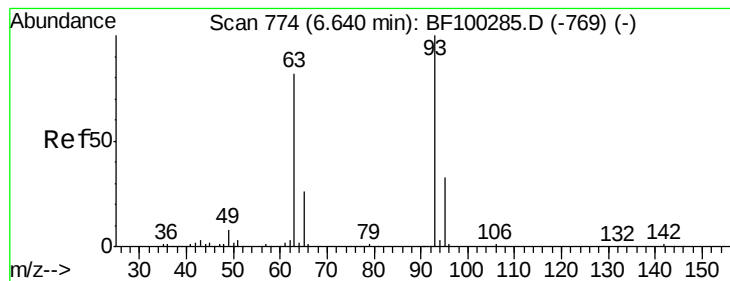


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 13.40 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

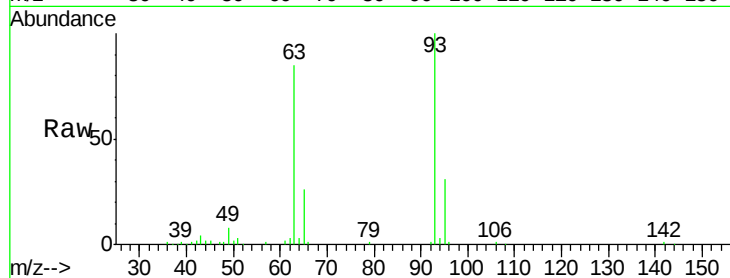
Tgt Ion: 93 Resp: 72067

Ion Ratio Lower Upper

93 100

63 85.1 58.6 98.6

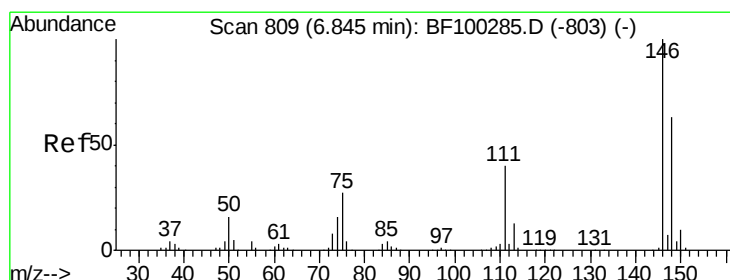
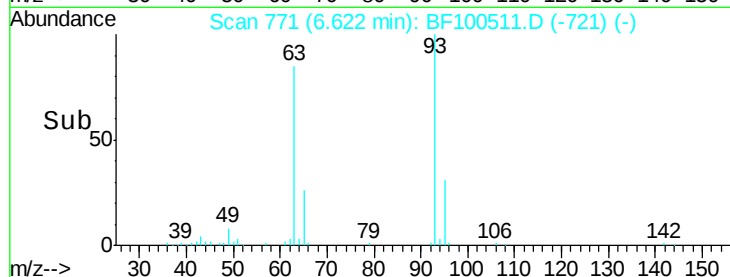
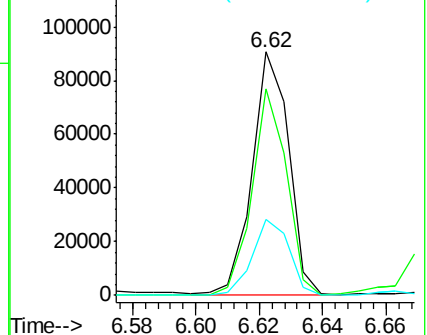
95 31.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 15.06 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

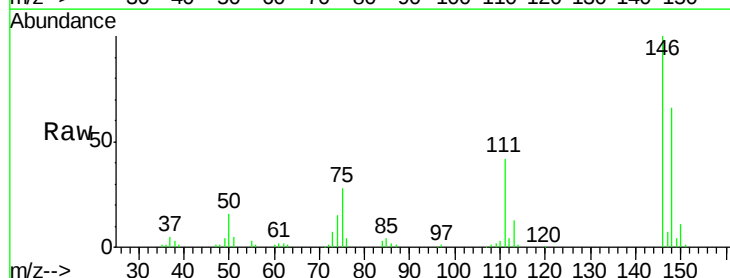
Tgt Ion: 146 Resp: 90828

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

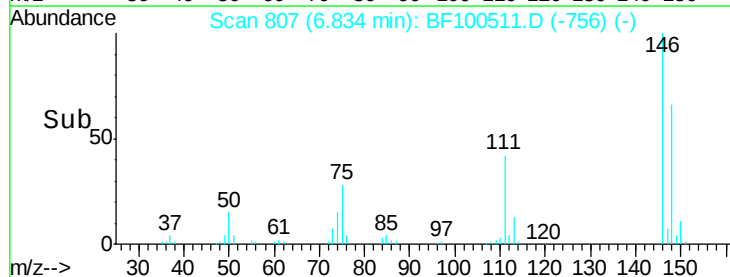
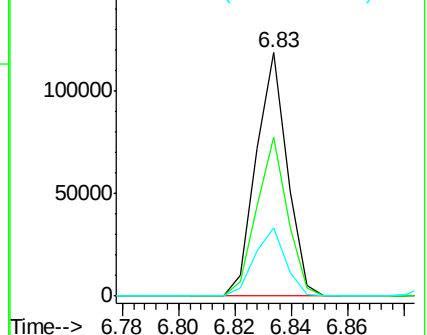
75 27.9 24.2 36.4

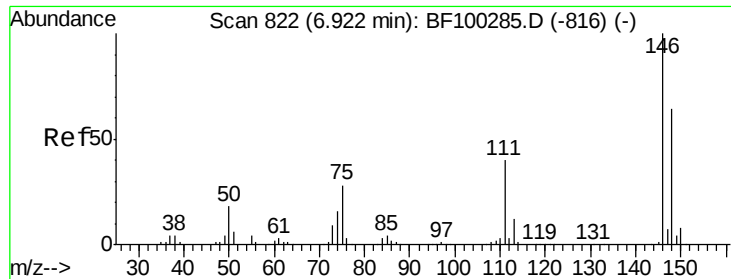


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

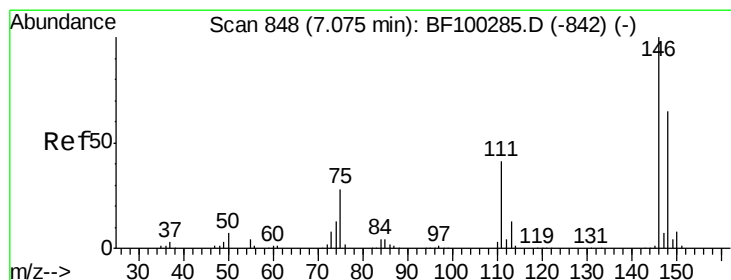
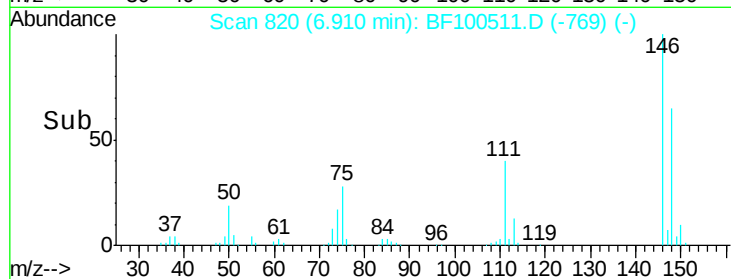
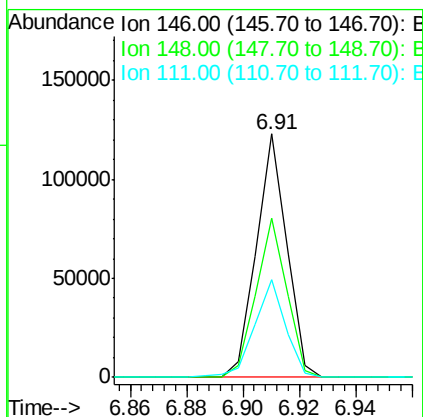
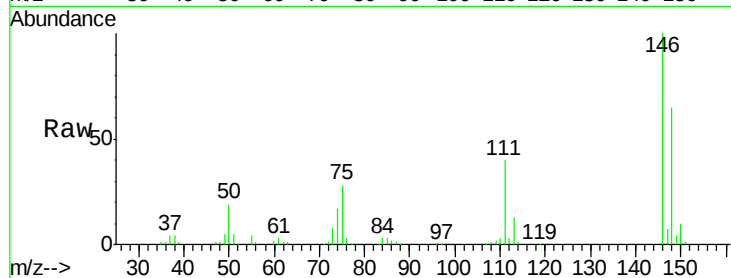




#13
 1,4-Dichlorobenzene
 Concen: 15.04 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

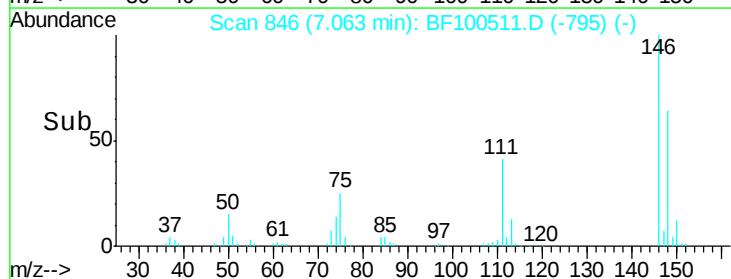
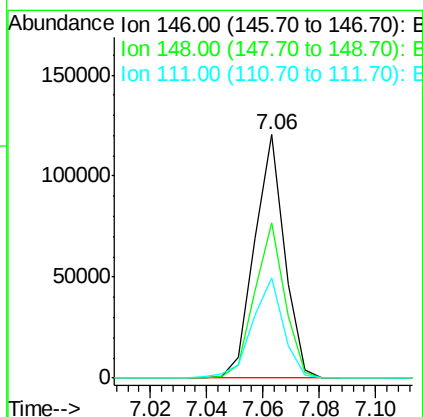
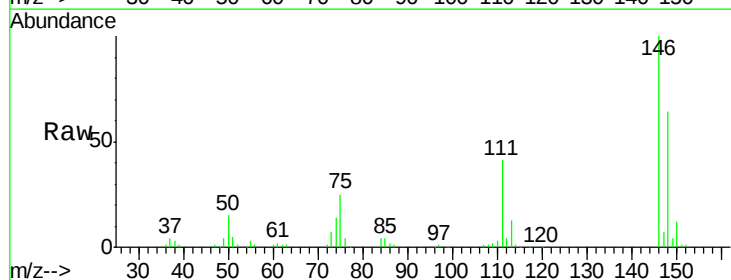
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

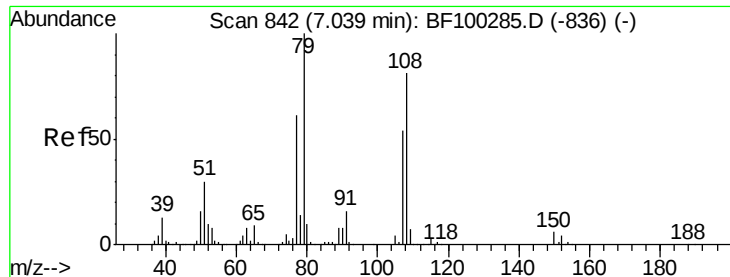
Tgt Ion:146 Resp: 91808
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 15.68 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion:146 Resp: 88494
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 13.99 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

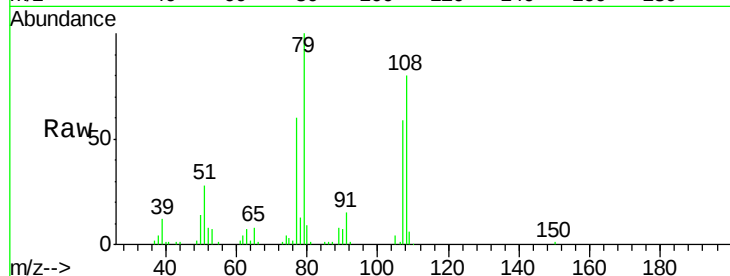
Tgt Ion: 79 Resp: 66552

Ion Ratio Lower Upper

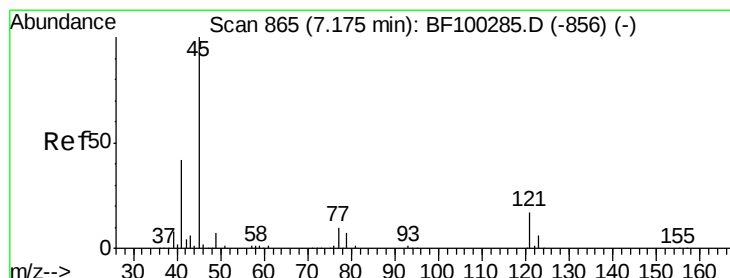
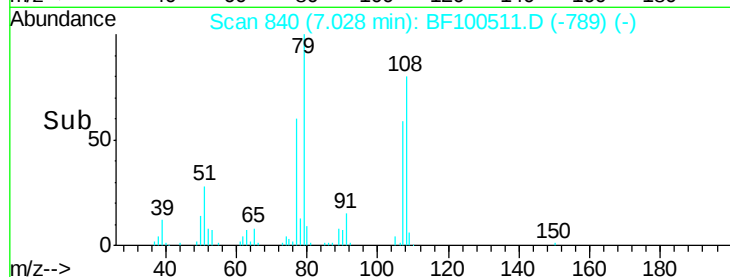
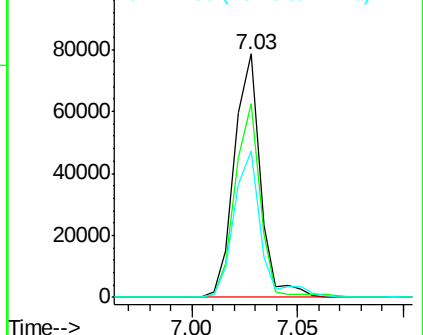
79 100

108 79.8 65.1 97.7

77 60.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 13.76 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

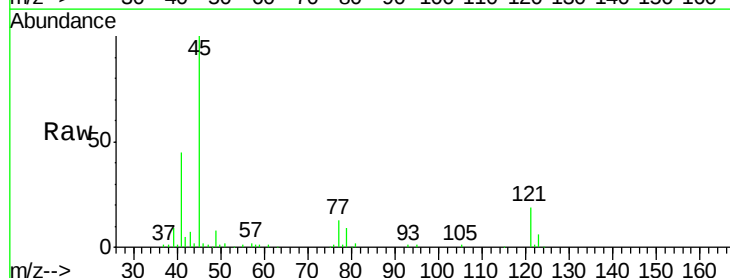
Tgt Ion: 45 Resp: 118303

Ion Ratio Lower Upper

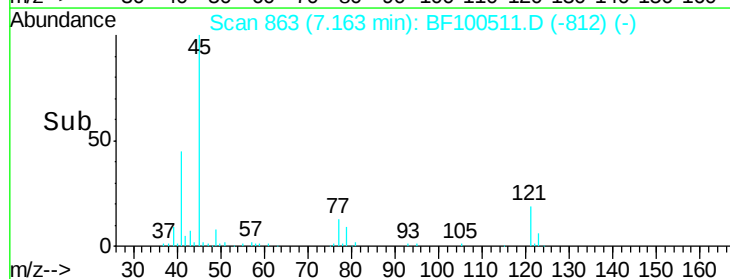
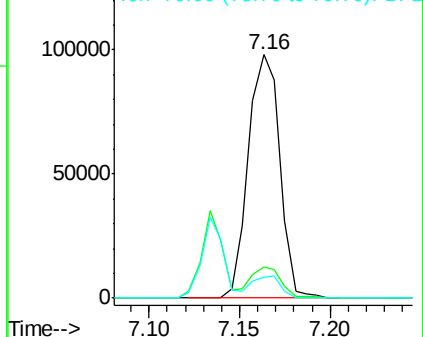
45 100

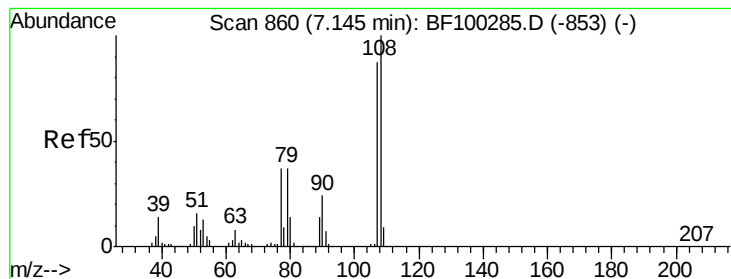
77 12.9 0.0 32.9

79 8.7 0.0 29.6



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





#17

2-Methylphenol

Concen: 14.42 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

Tgt Ion:107 Resp: 64445

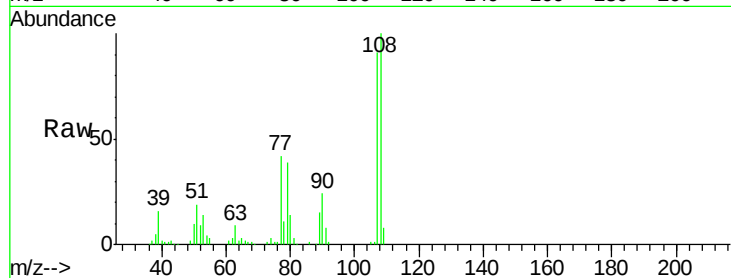
Ion Ratio Lower Upper

107 100

108 109.4 91.7 137.5

77 46.2 33.8 50.8

79 42.3 33.8 50.8

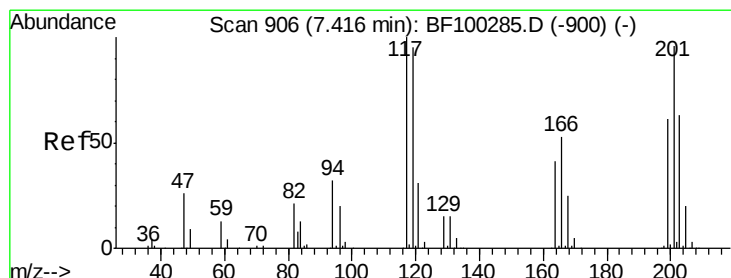
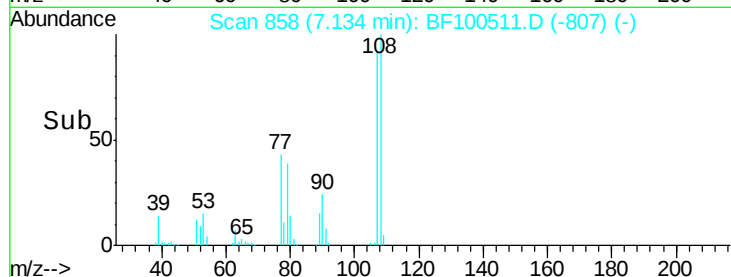
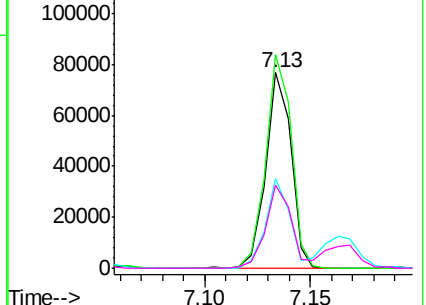


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 9.32 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

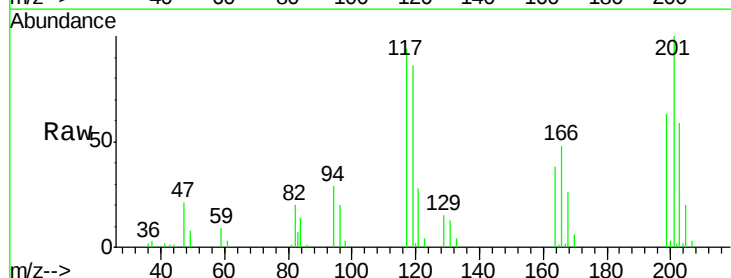
Tgt Ion:117 Resp: 18759

Ion Ratio Lower Upper

117 100

119 91.3 75.8 113.8

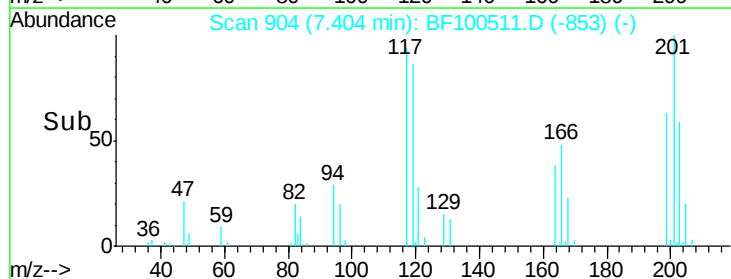
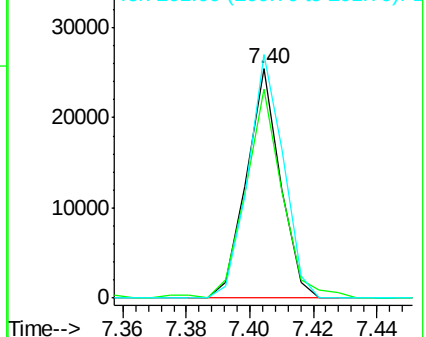
201 106.2 75.7 113.5

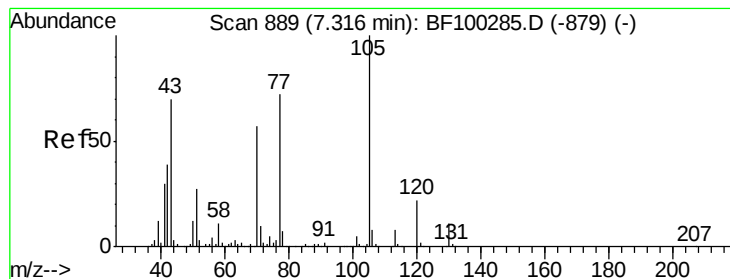


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.56 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

Tgt Ion: 70 Resp: 53124

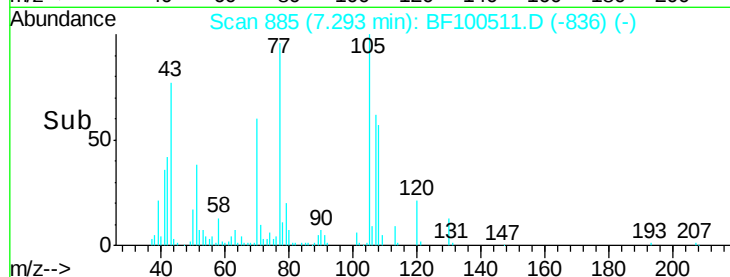
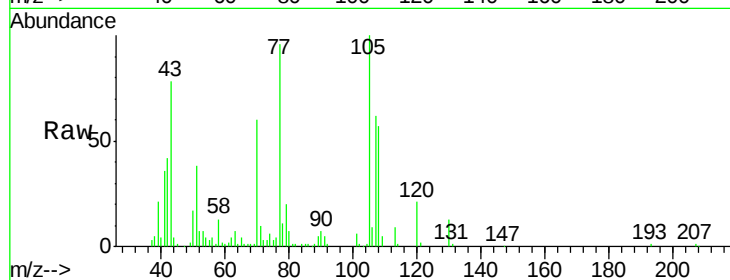
Ion Ratio Lower Upper

70 100

42 69.8 47.5 71.3

101 9.6 7.4 11.2

130 22.0 16.6 25.0

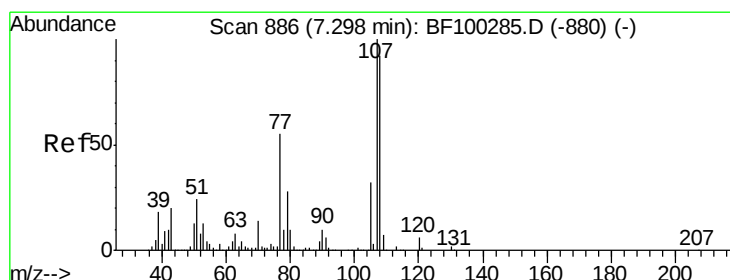
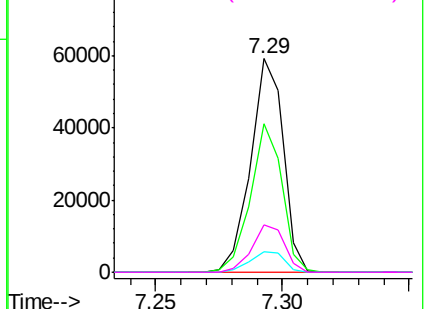


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 14.70 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Tgt Ion: 107 Resp: 83126

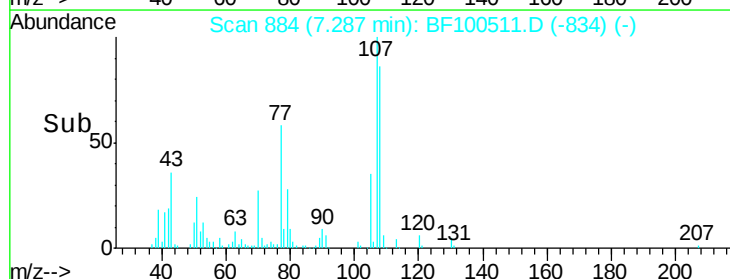
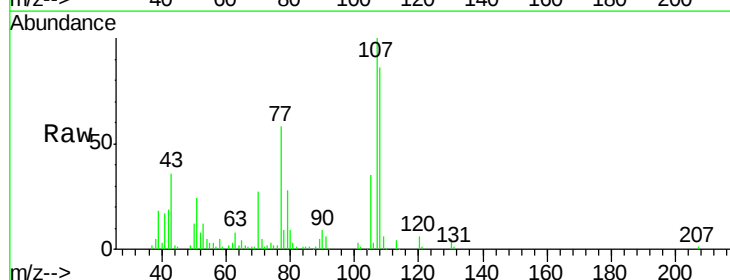
Ion Ratio Lower Upper

107 100

108 86.3 68.2 108.2

77 57.6 26.7 66.7

79 28.4 6.3 46.3

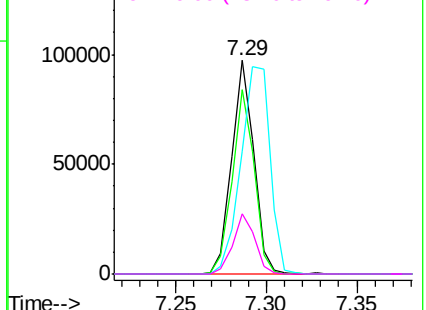


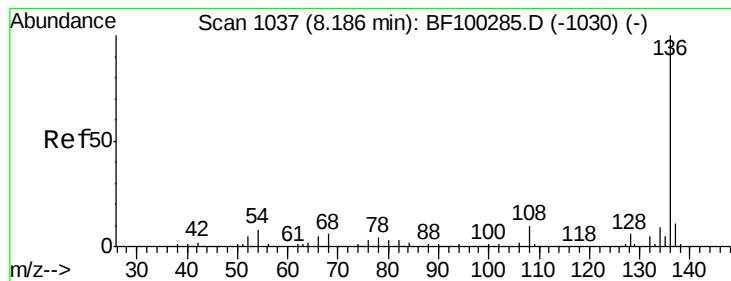
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

Tgt Ion:136 Resp: 285181

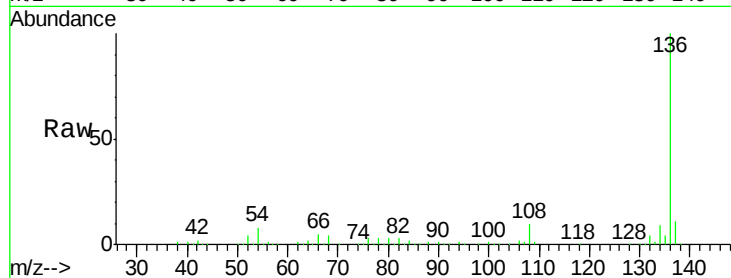
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 4.4 5.0 7.4#

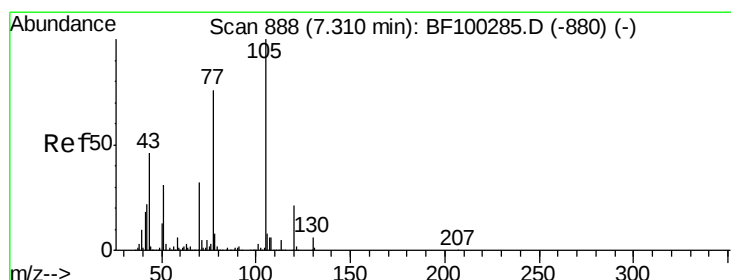
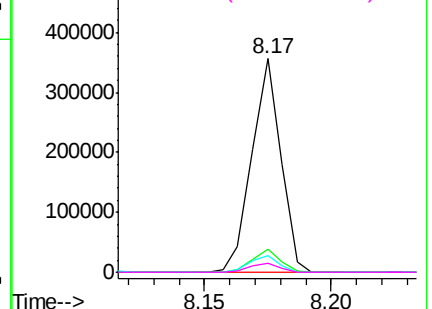
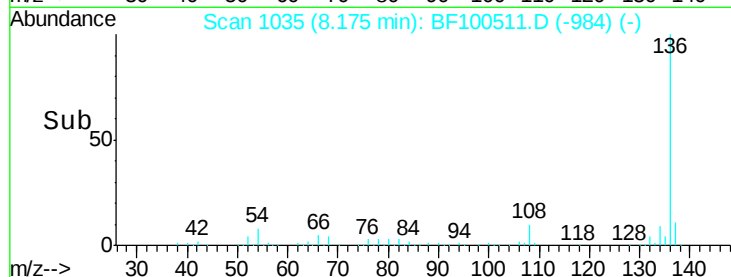


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.87 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Tgt Ion:105 Resp: 110395

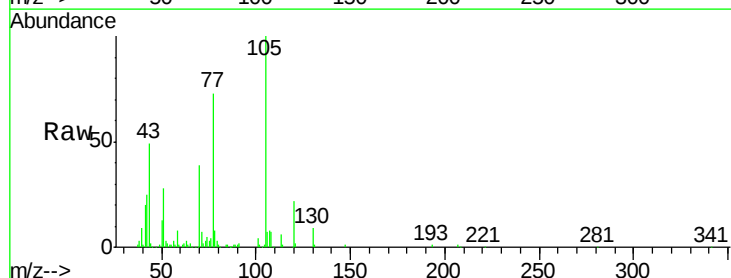
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 28.0 22.3 33.5

120 21.7 16.9 25.3

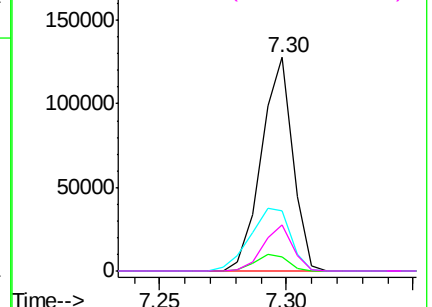
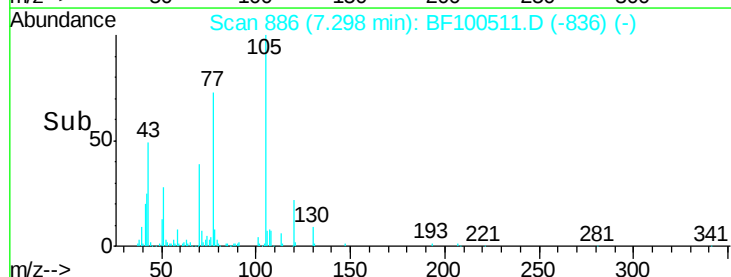


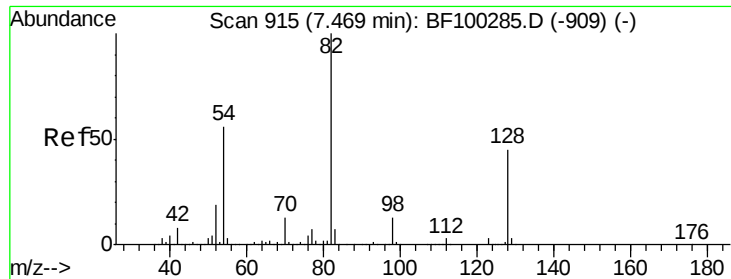
Abundance Ion 105.00 (104.70 to 105.70): E

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

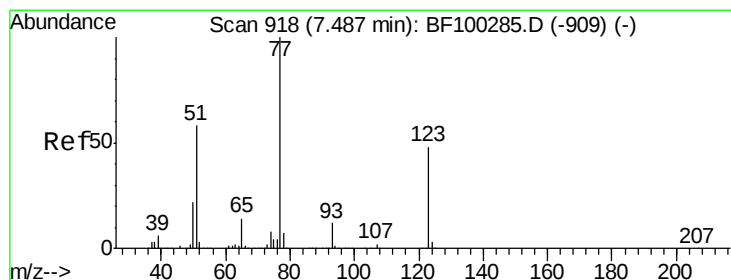
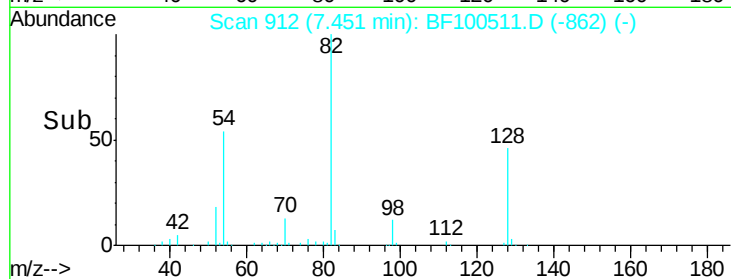
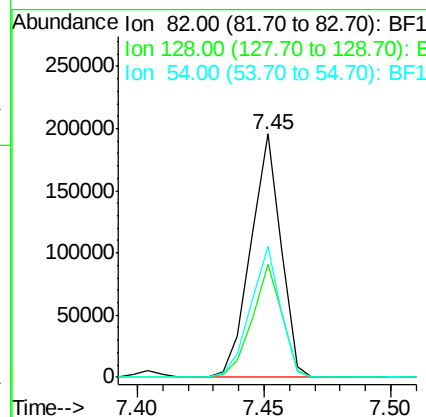
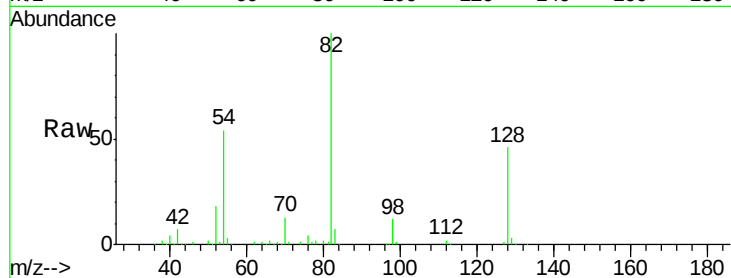




#23
 Nitrobenzene-d5
 Concen: 37.65 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

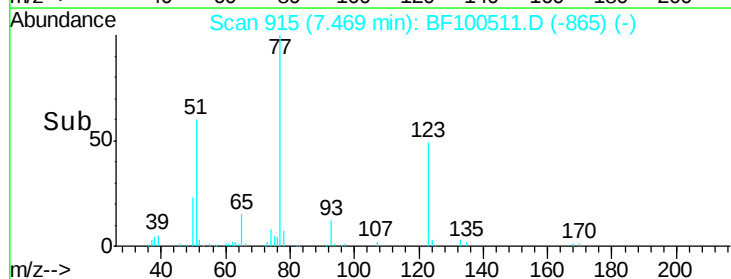
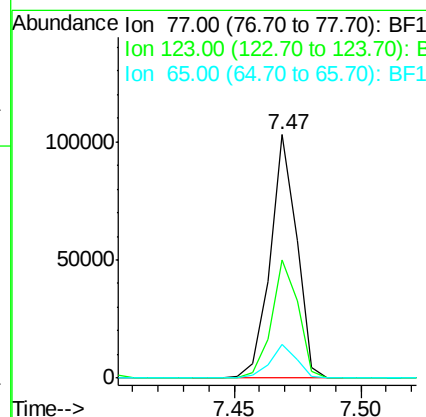
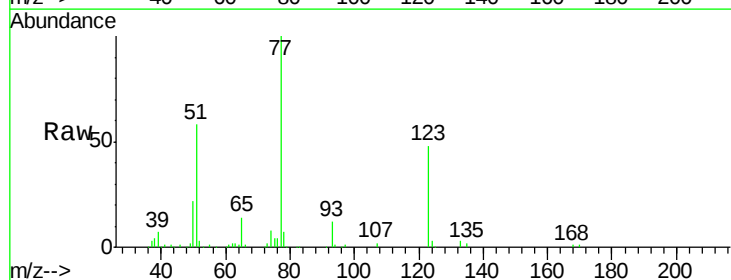
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

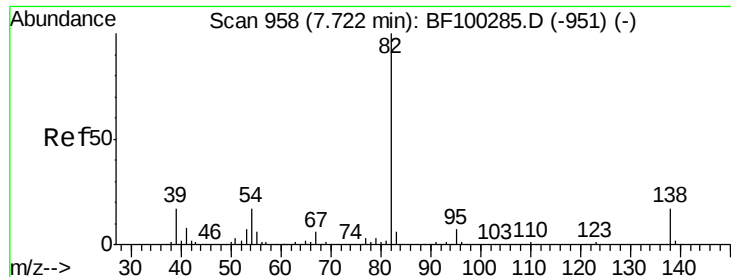
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 16.99 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	14.0	11.0	16.4

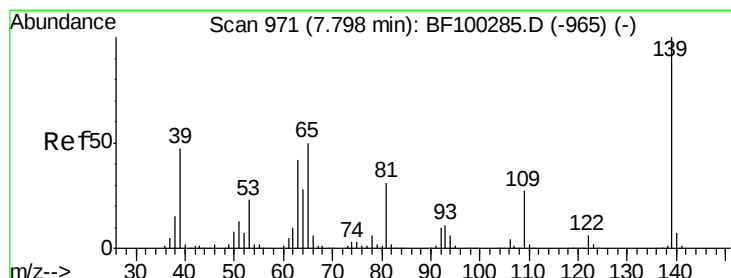
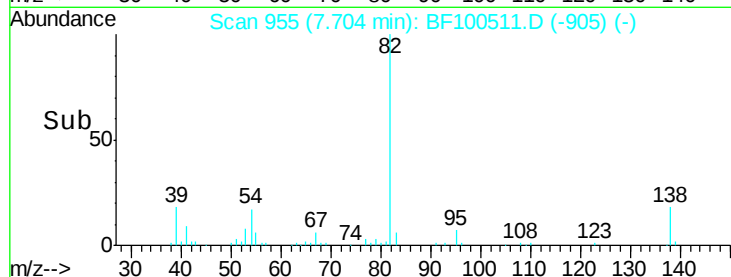
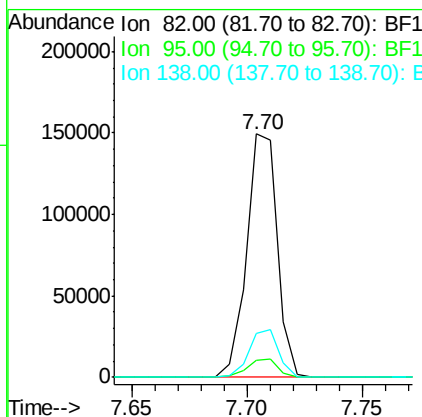
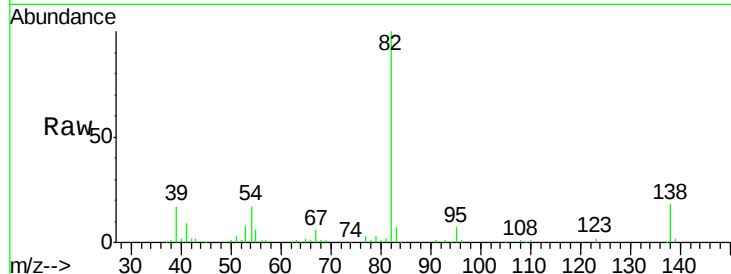




#25
Isophorone
Concen: 15.30 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

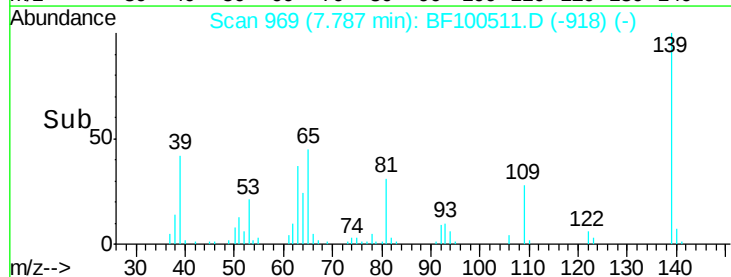
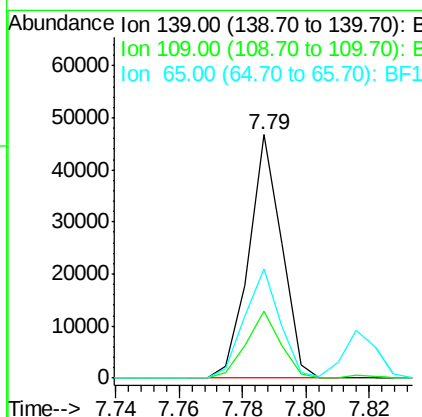
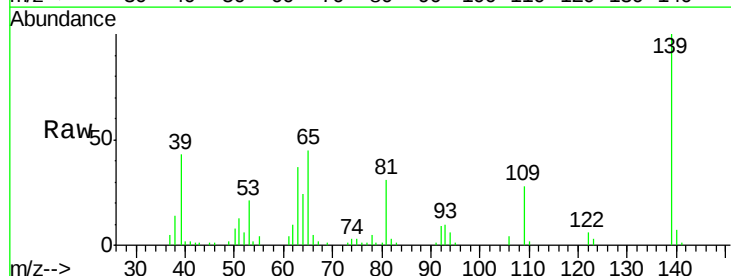
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

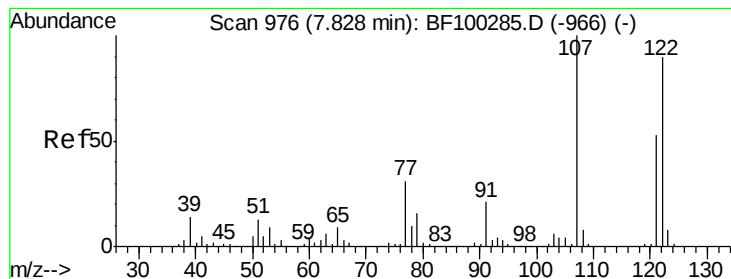
Tgt Ion: 82 Resp: 138689
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.9 14.9 22.3



#26
2-Nitrophenol
Concen: 19.74 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion: 139 Resp: 33665
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 44.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 16.91 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

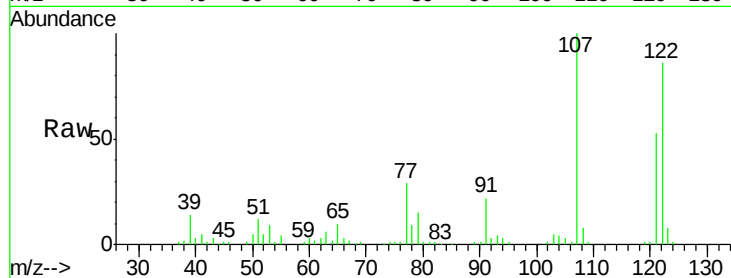
Tgt Ion: 122 Resp: 68710

Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

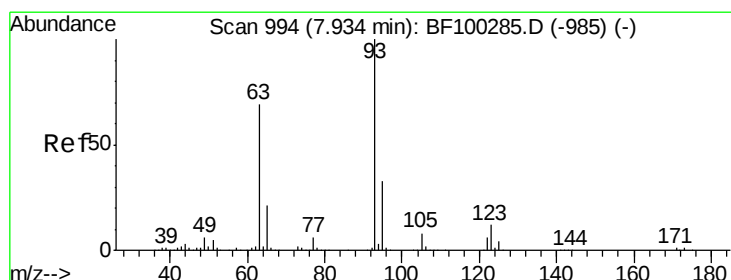
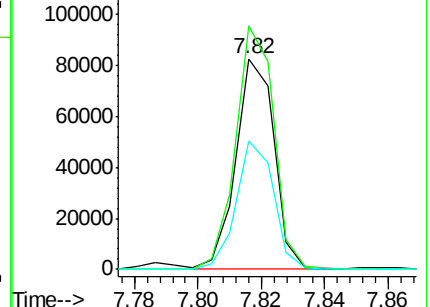
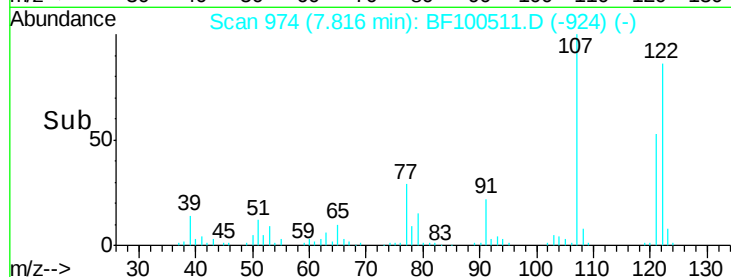
121 61.2 47.2 70.8



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: 15.18 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

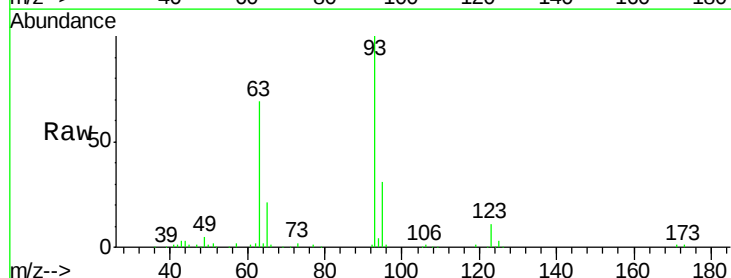
Tgt Ion: 93 Resp: 90017

Ion Ratio Lower Upper

93 100

95 30.7 26.3 39.5

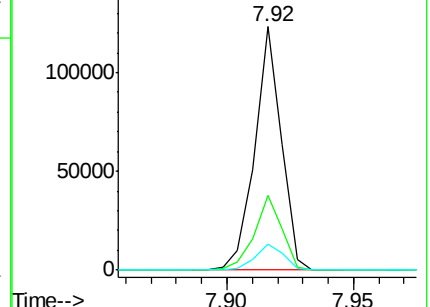
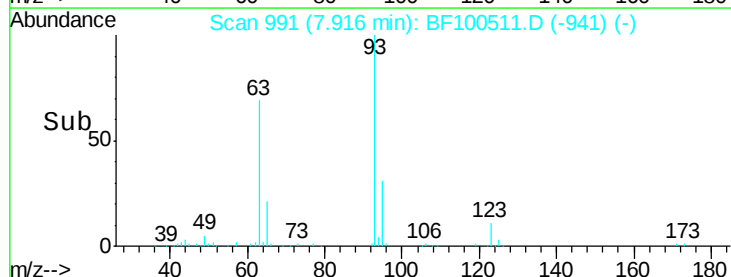
123 10.7 9.8 14.6

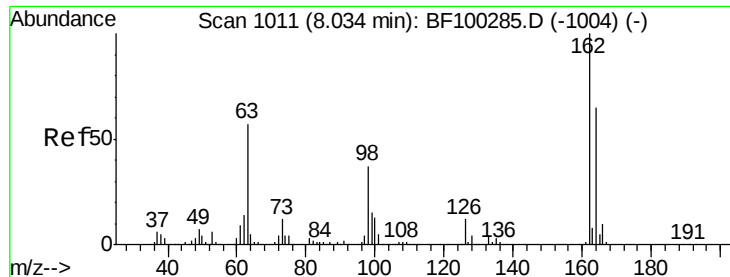


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

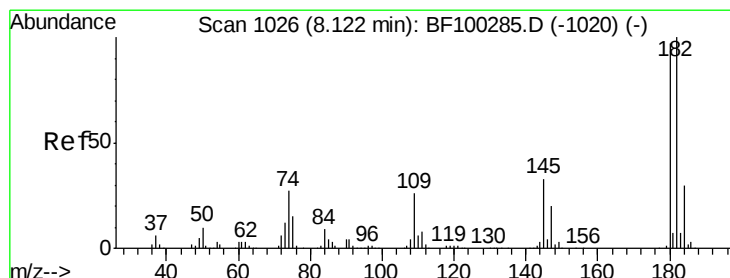
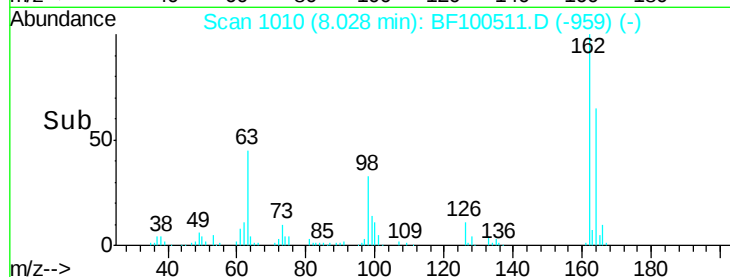
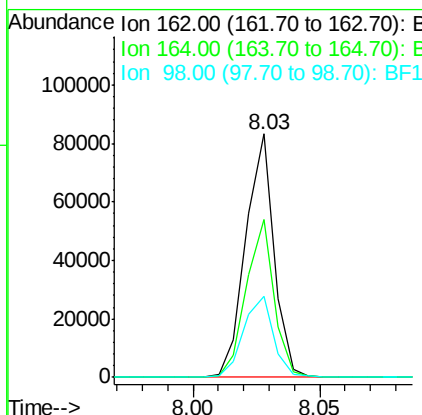
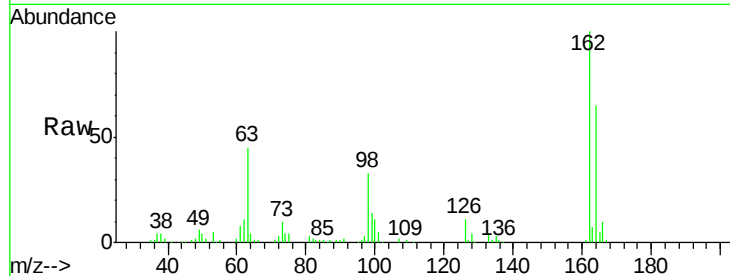




#29
 2,4-Dichlorophenol
 Concen: 16.72 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

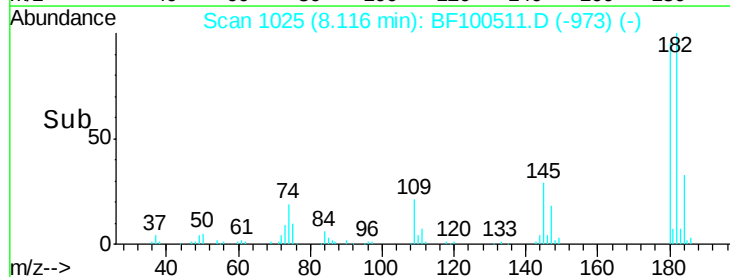
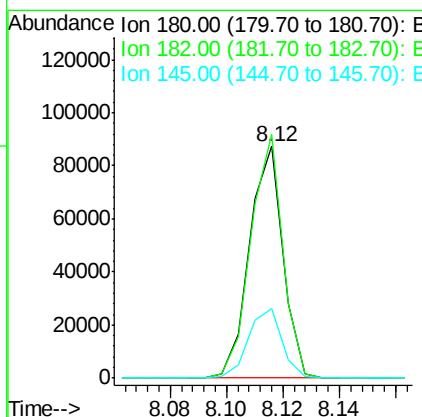
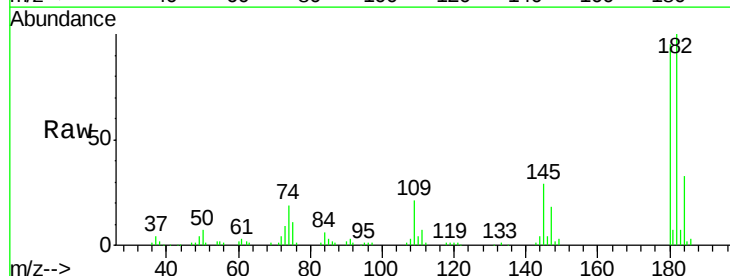
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

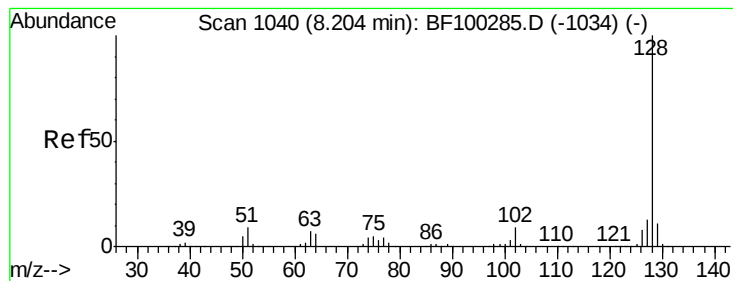
Tgt Ion:162 Resp: 64876
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.7 82.7
 98 33.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 17.05 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion:180 Resp: 71523
 Ion Ratio Lower Upper
 180 100
 182 105.1 76.8 115.2
 145 30.2 26.5 39.7





#31

Naphthalene

Concen: 16.82 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

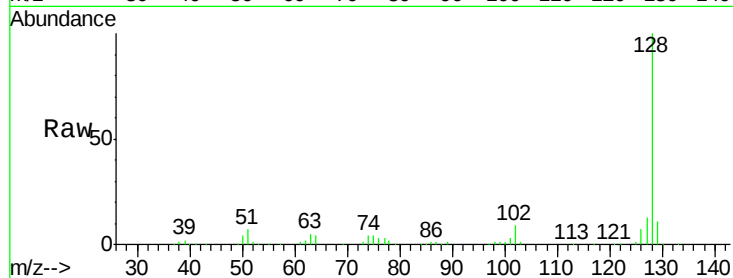
Tgt Ion:128 Resp: 231048

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

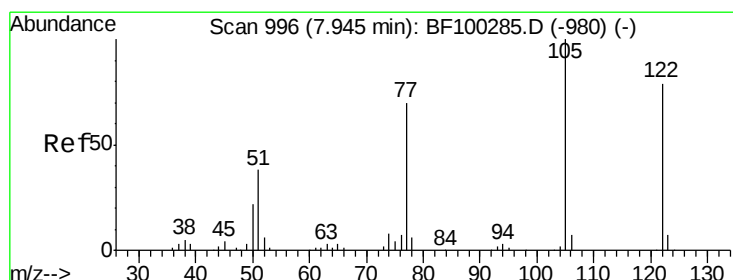
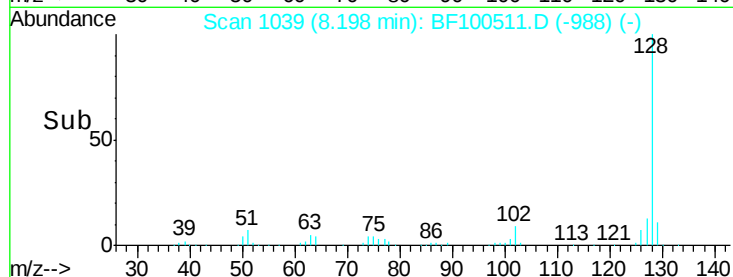
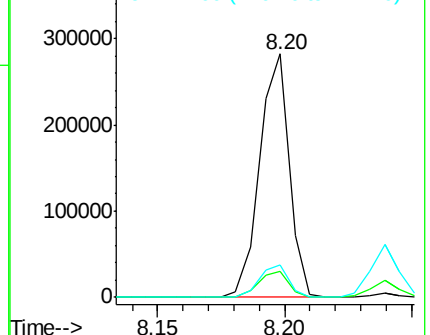
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.14 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

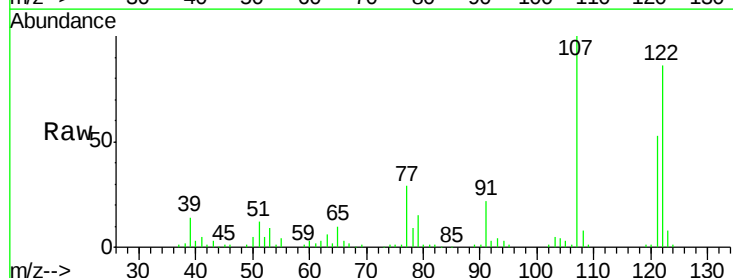
Tgt Ion:122 Resp: 68710

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

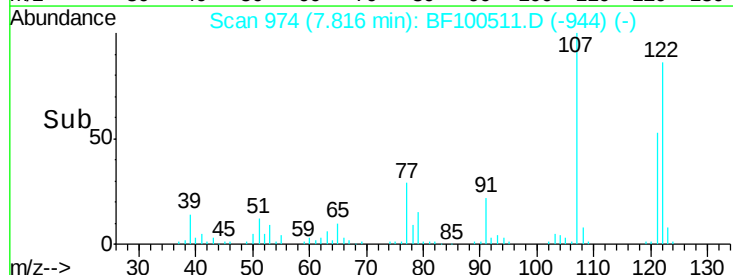
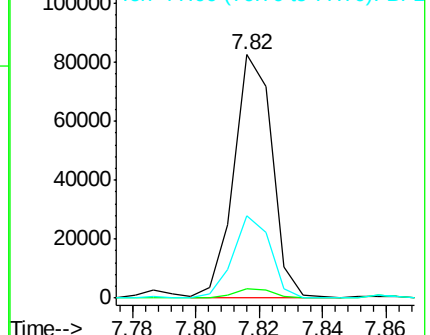
77 33.8 70.7 110.7#

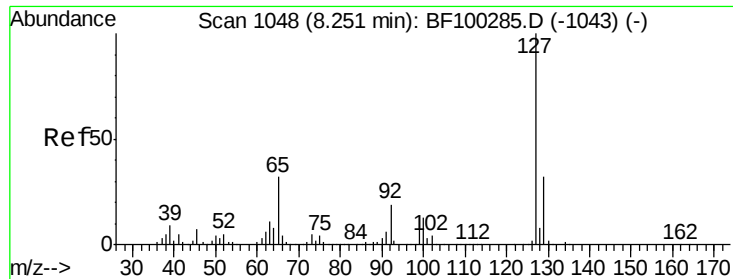


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

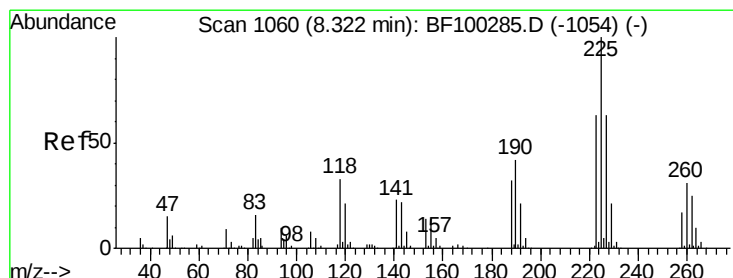
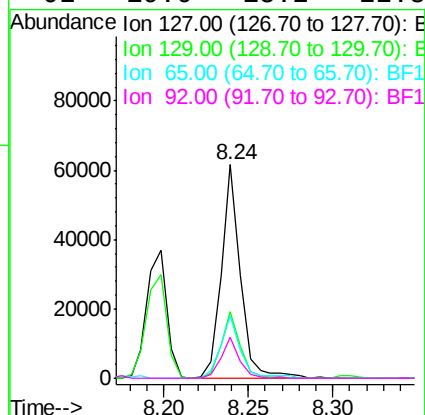
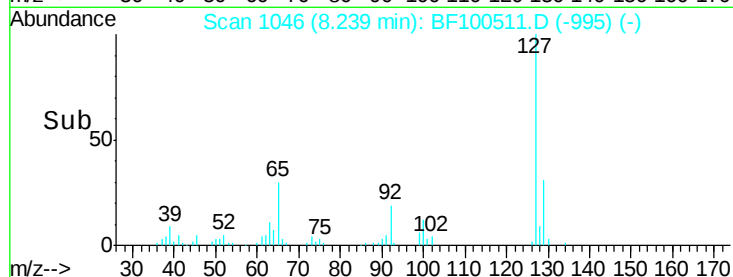
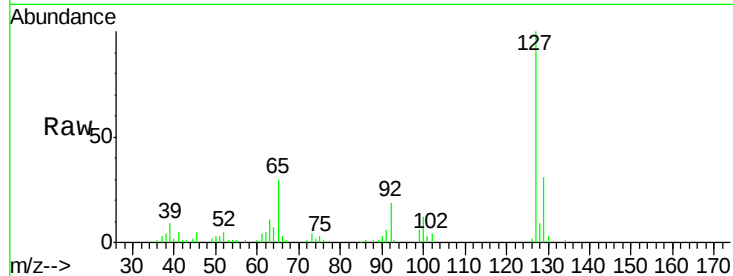




#33
4-Chloroaniline
Concen: 8.57 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

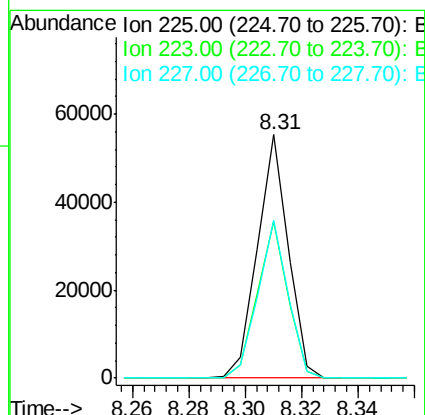
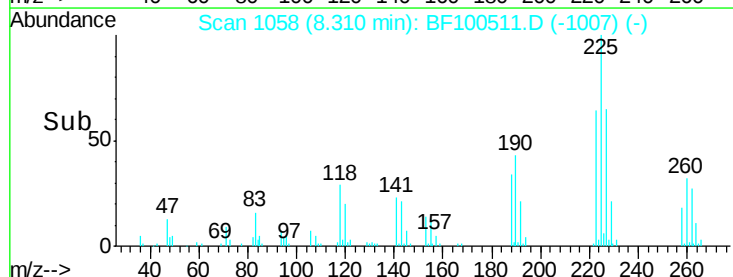
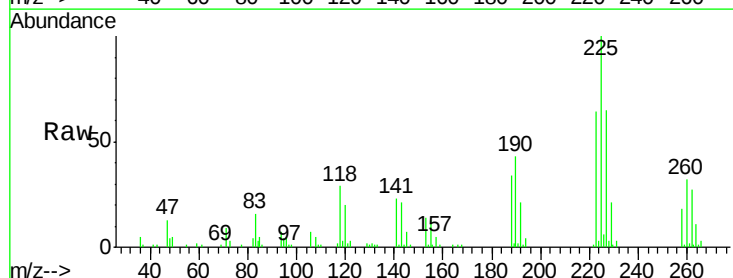
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

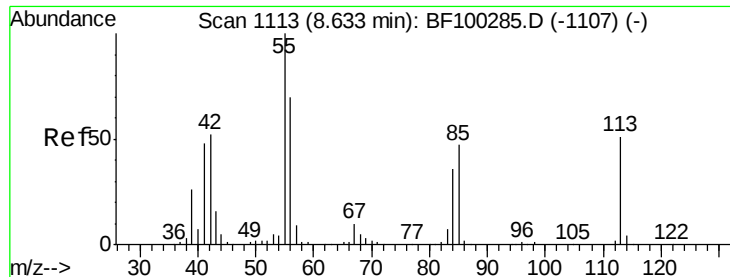
Tgt Ion:	127	Resp:	48984
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	29.7	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 16.77 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:	225	Resp:	41837
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.9	51.9	77.9

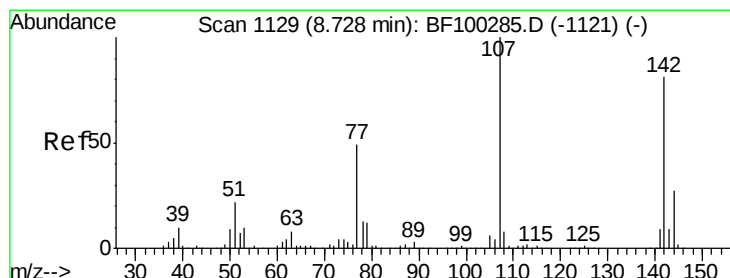
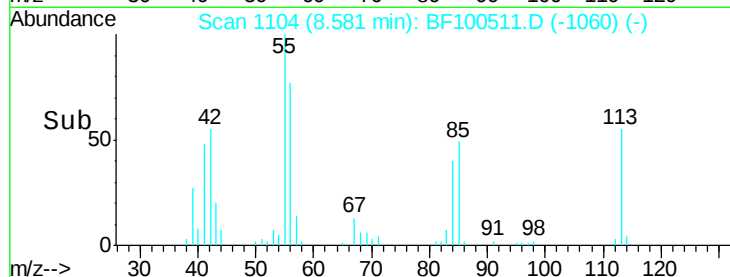
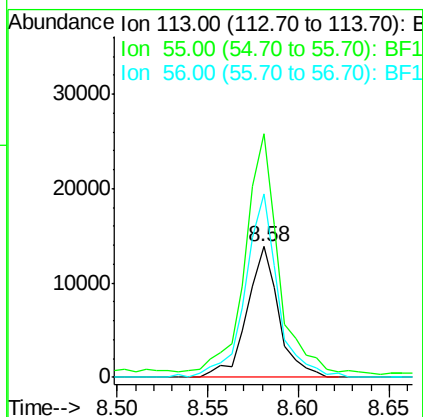
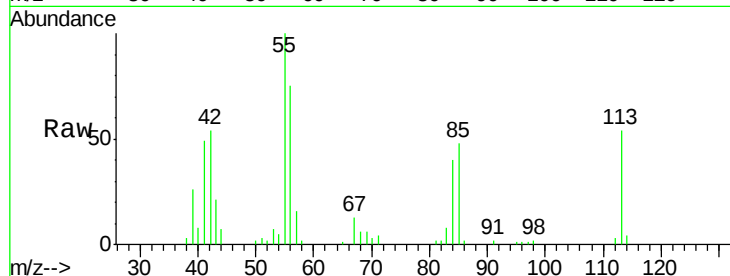




#35
 Caprolactam
 Concen: 12.66 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.04 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

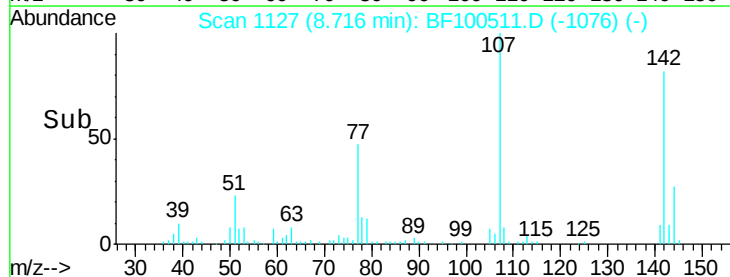
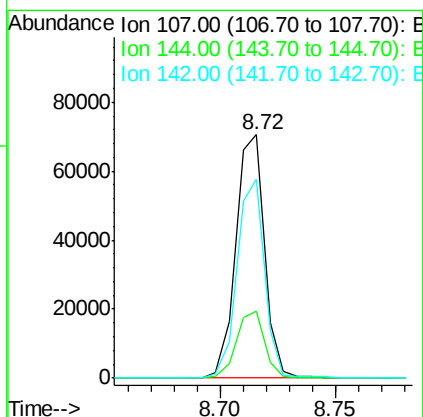
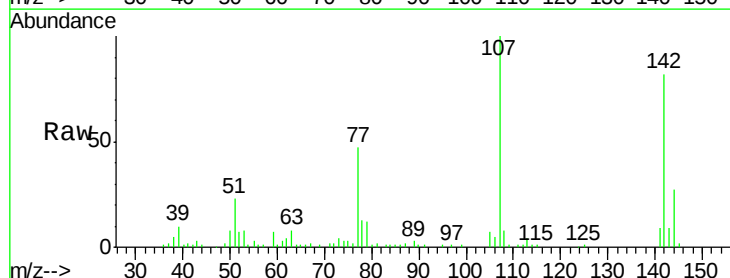
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

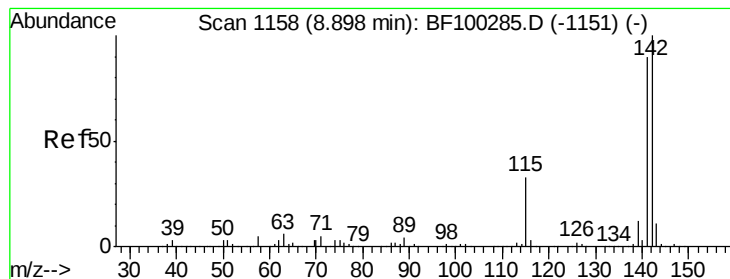
Tgt Ion:113 Resp: 16855
 Ion Ratio Lower Upper
 113 100
 55 186.2 163.3 203.3
 56 140.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 14.69 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion:107 Resp: 61213
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 81.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 15.99 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

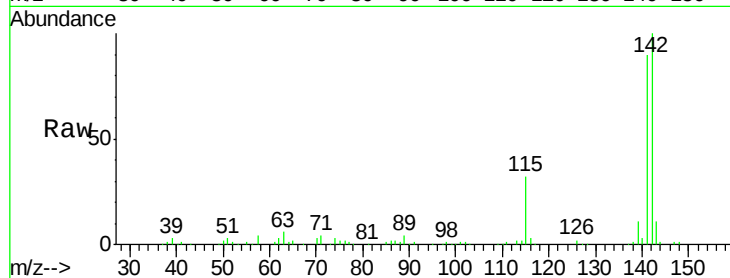
Tgt Ion:142 Resp: 145862

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

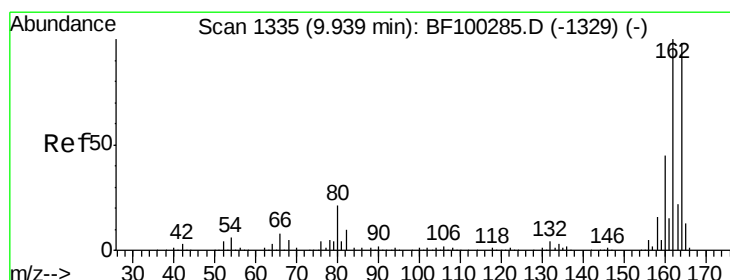
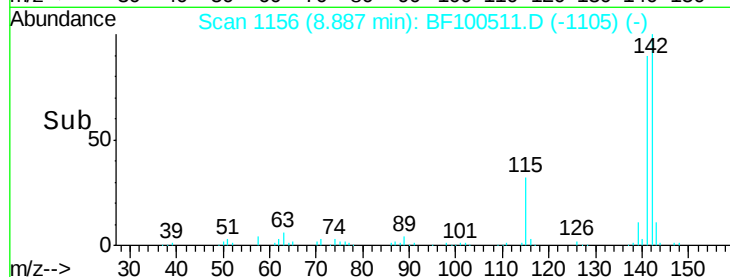
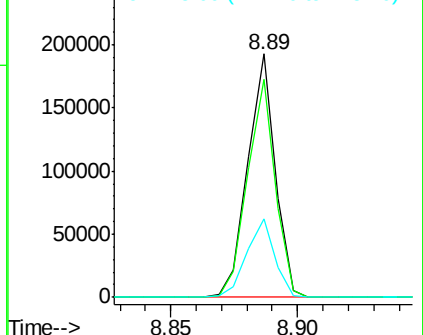
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

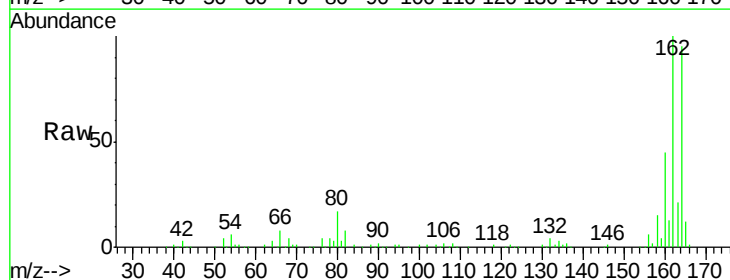
Tgt Ion:164 Resp: 111405

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

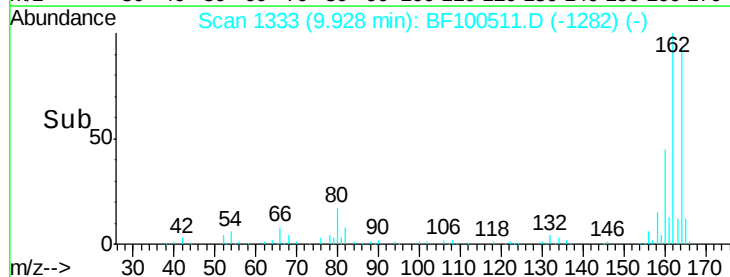
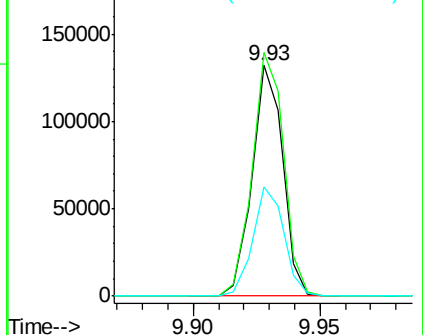
160 47.4 38.3 57.5

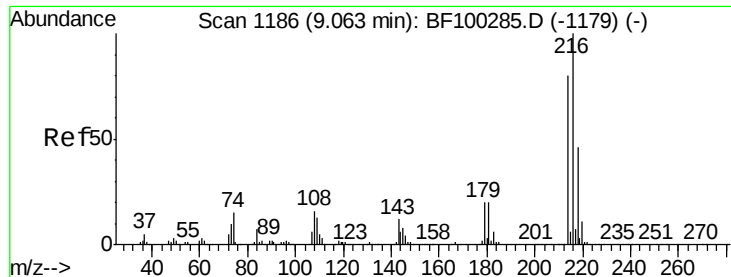


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.17 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

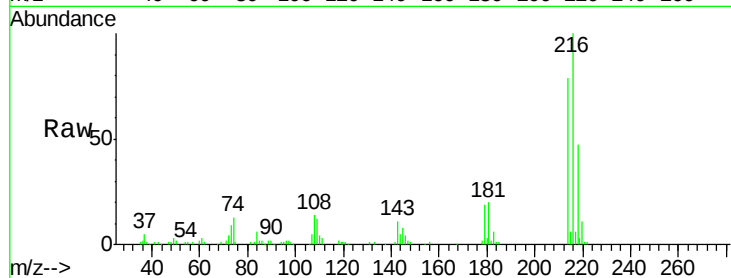
Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

Tgt Ion:	216	Resp:	67135
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.1	18.1	27.1
108	15.6	17.2	25.8

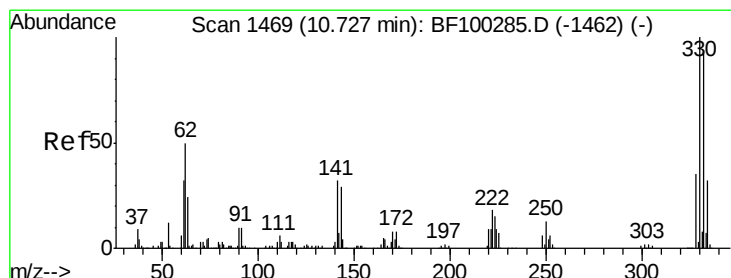
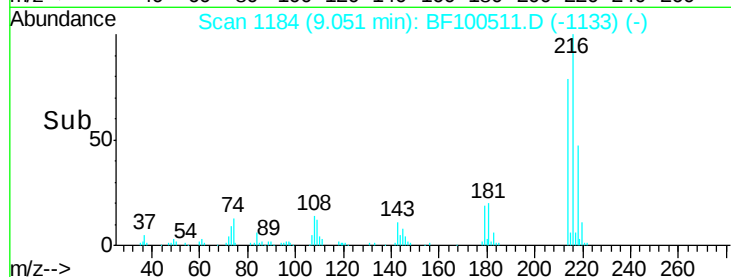
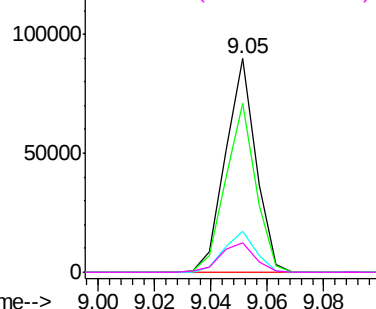


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 48.39 ng

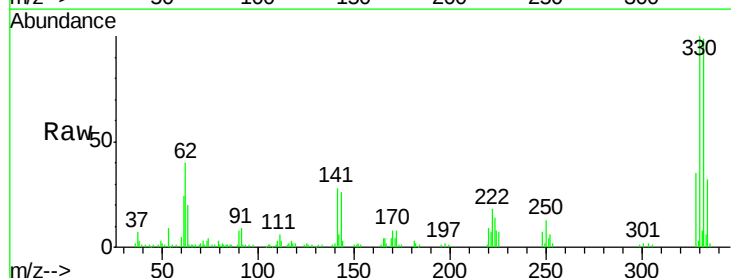
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

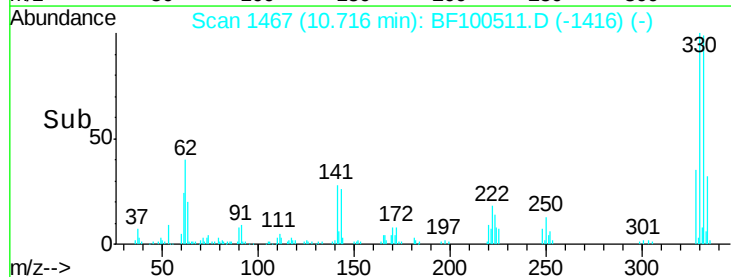
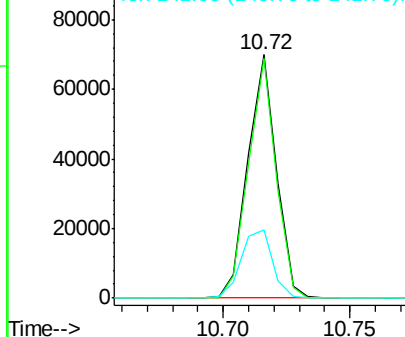
Tgt Ion:	330	Resp:	54933
Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.7	29.9	44.9

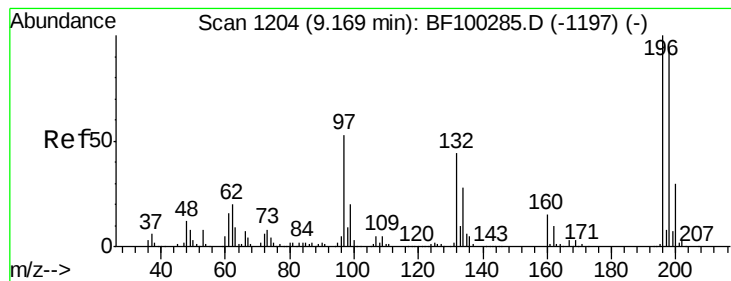


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 18.00 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

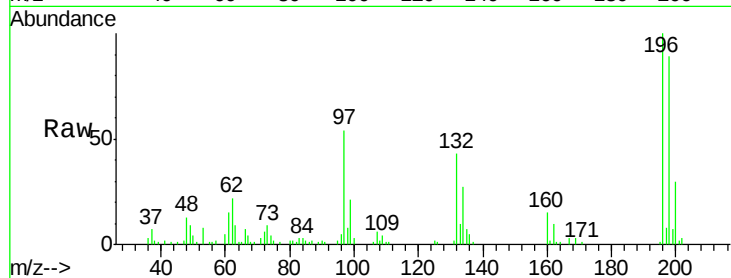
Tgt Ion:196 Resp: 42144

Ion Ratio Lower Upper

196 100

198 89.4 75.7 113.5

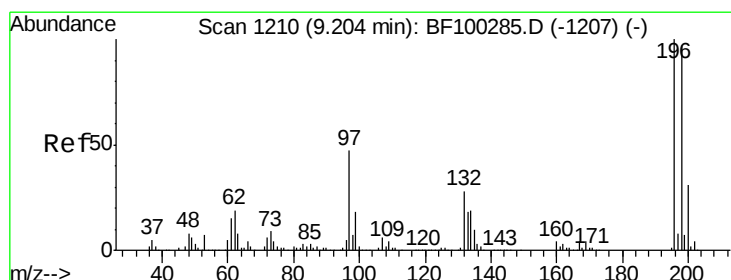
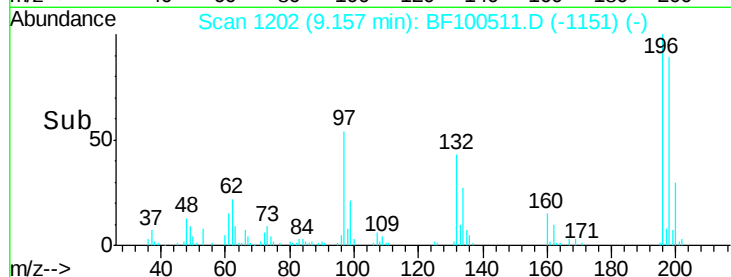
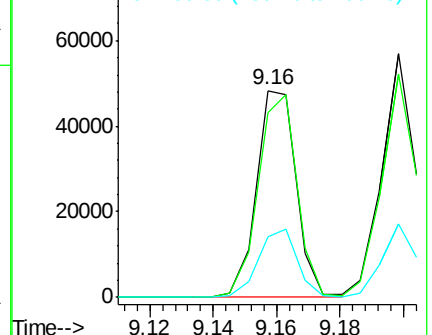
200 29.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 17.30 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Tgt Ion:196 Resp: 41982

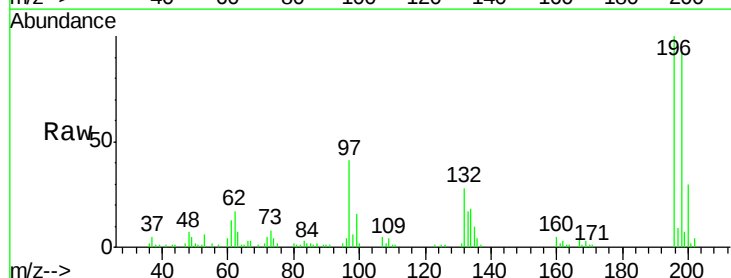
Ion Ratio Lower Upper

196 100

198 91.8 74.6 112.0

97 41.3 42.9 64.3#

132 27.6 26.3 39.5

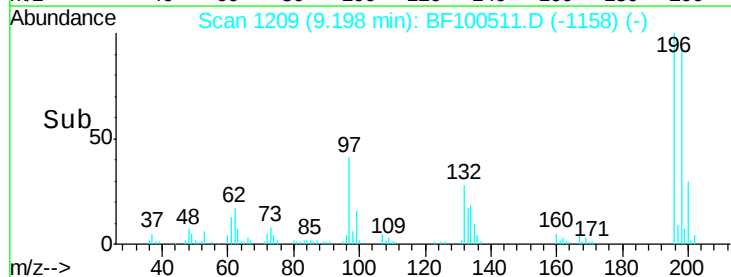
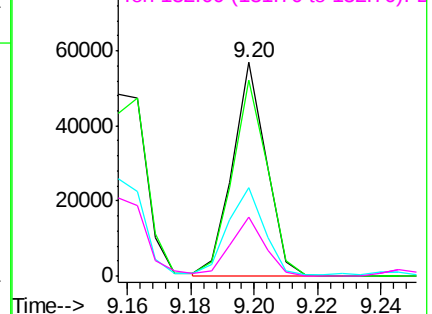


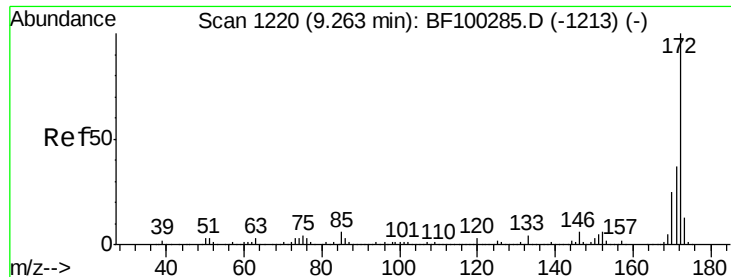
Abundance Ion 196.00 (195.70 to 196.70): E

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

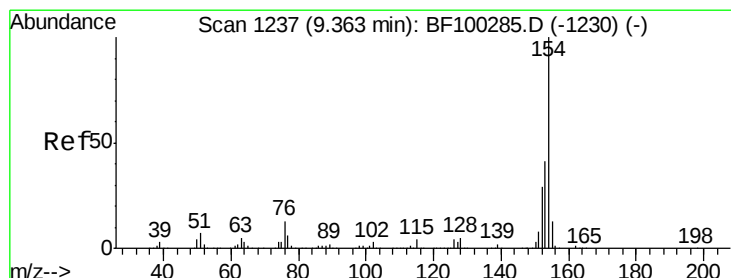
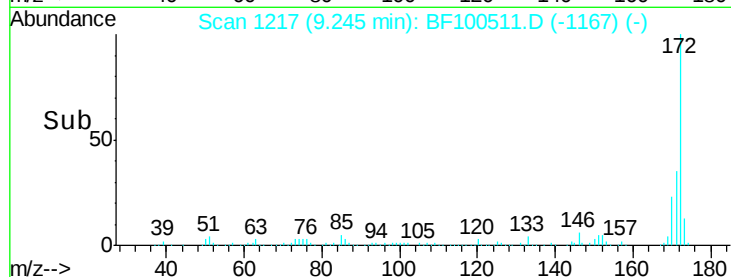
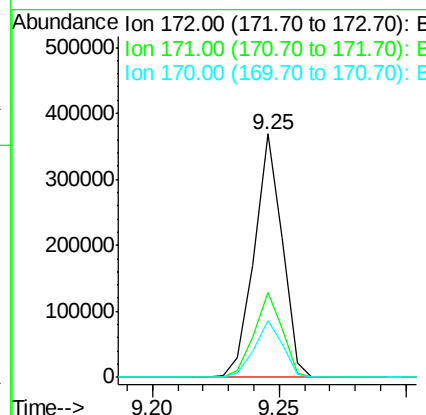
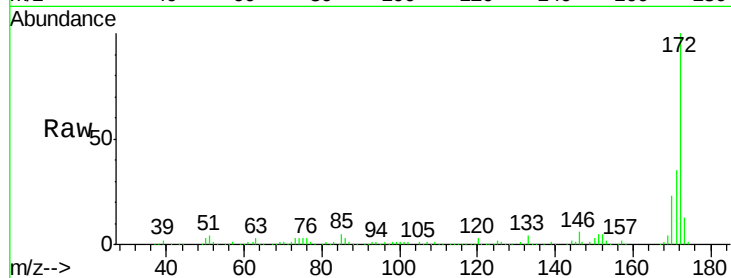




#44
 2-Fluorobiphenyl
 Concen: 38.84 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

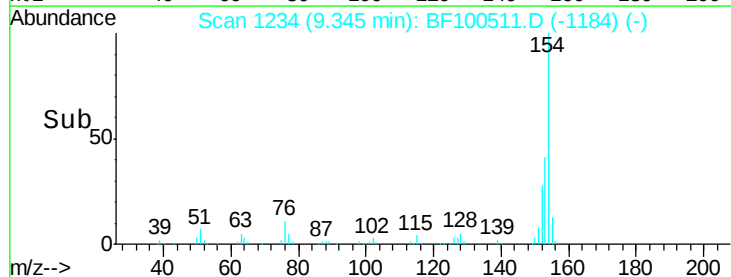
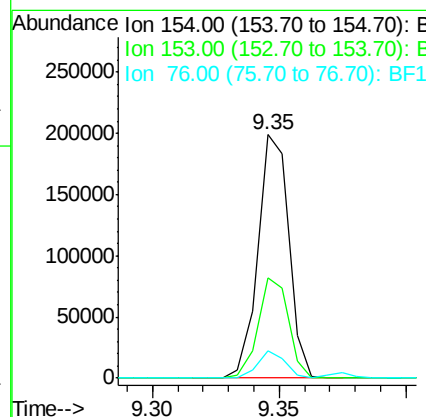
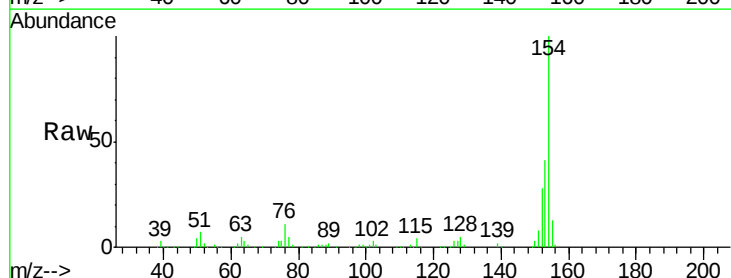
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

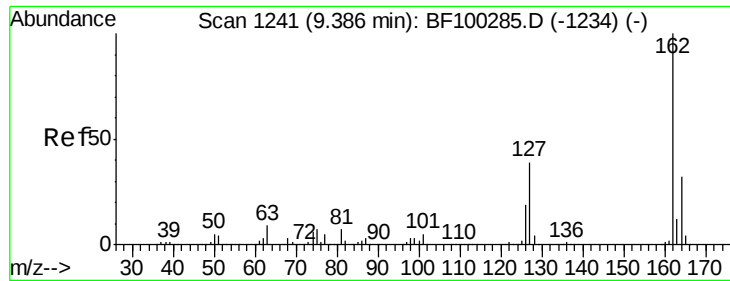
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 17.60 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.1	0.0	34.0

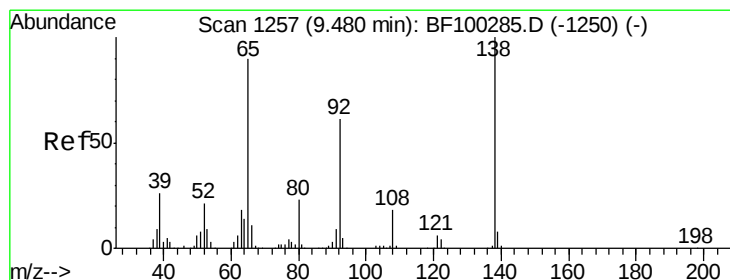
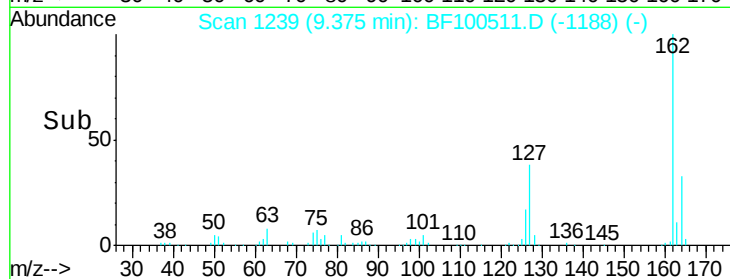
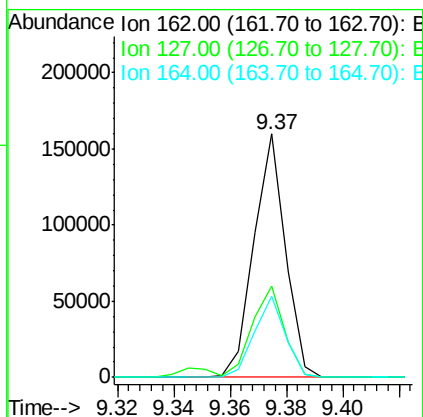
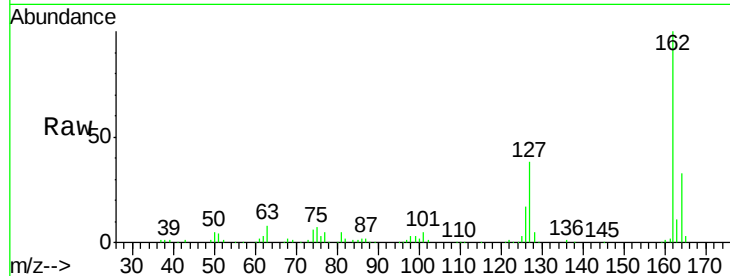




#46
 2-Chloronaphthalene
 Concen: 17.67 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

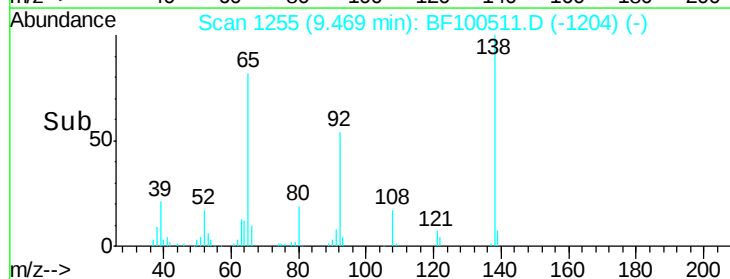
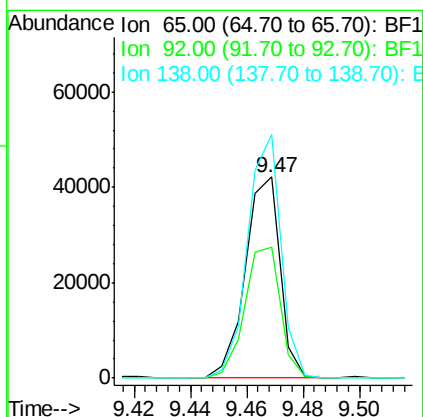
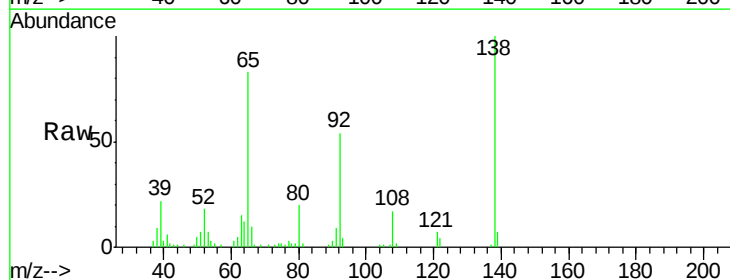
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

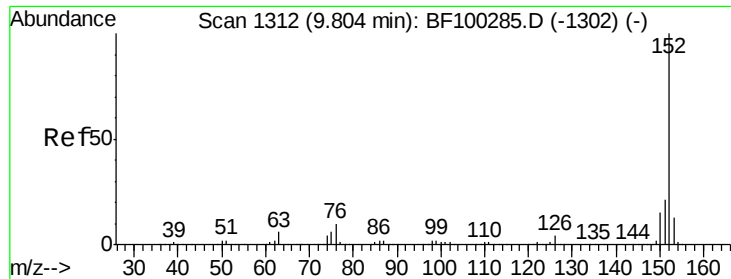
Tgt Ion: 162 Resp: 123531
 Ion Ratio Lower Upper
 162 100
 127 37.5 33.9 50.9
 164 33.2 26.5 39.7



#47
 2-Nitroaniline
 Concen: 19.26 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion: 65 Resp: 36128
 Ion Ratio Lower Upper
 65 100
 92 65.0 55.8 83.6
 138 121.1 91.2 136.8





#48

Acenaphthylene

Concen: 16.39 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

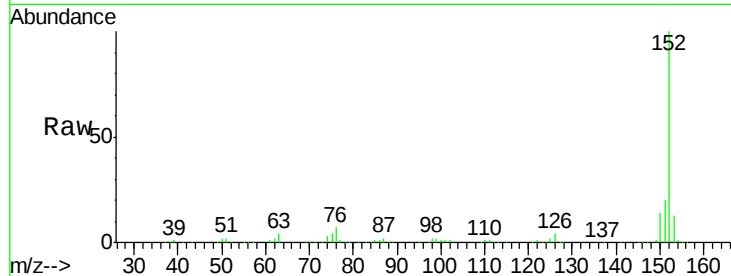
Tgt Ion:152 Resp: 189853

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

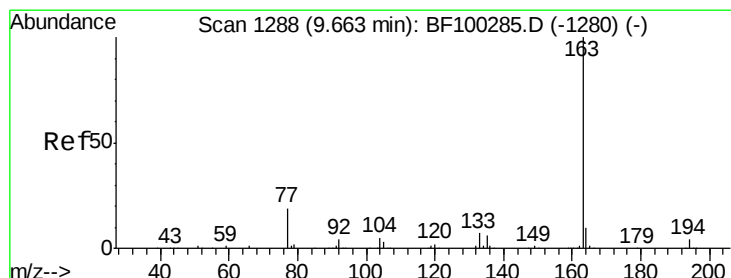
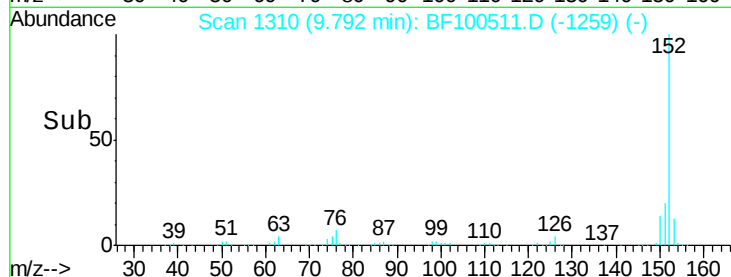
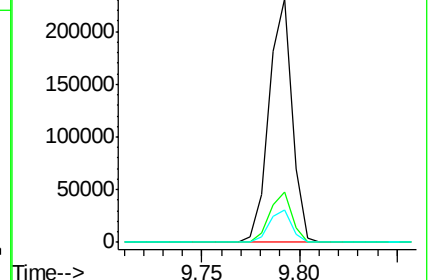
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 23.11 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

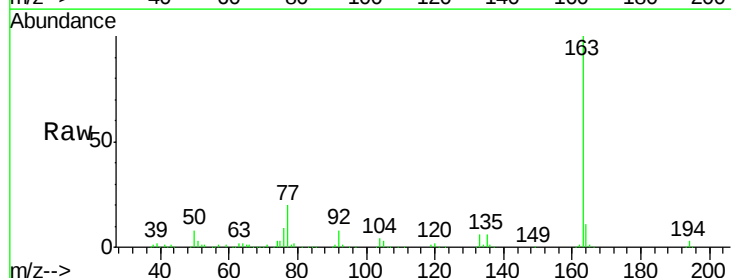
Tgt Ion:163 Resp: 196570

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

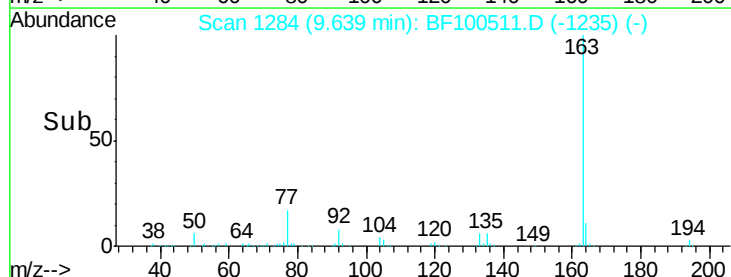
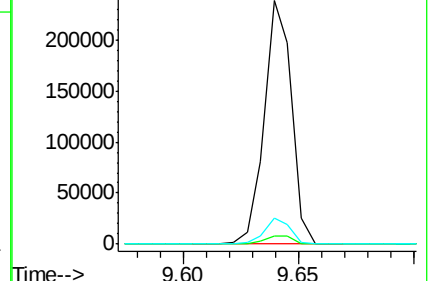
164 10.9 8.2 12.2

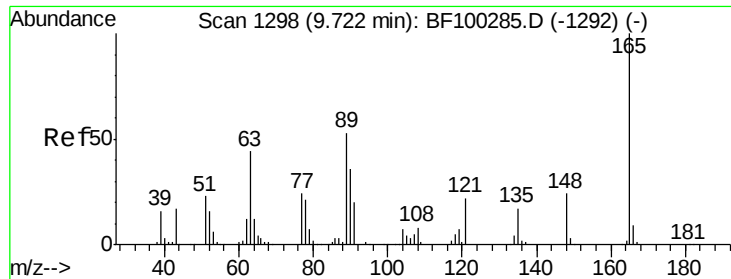


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

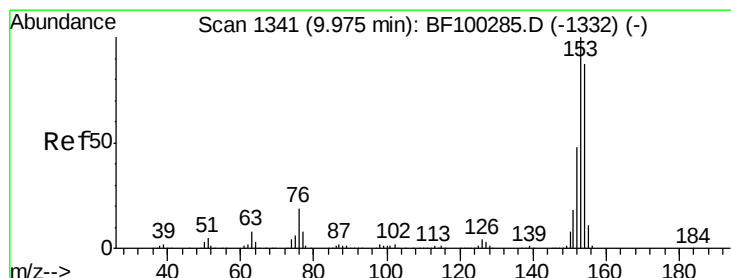
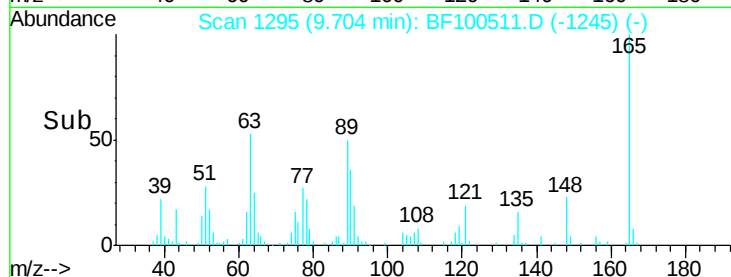
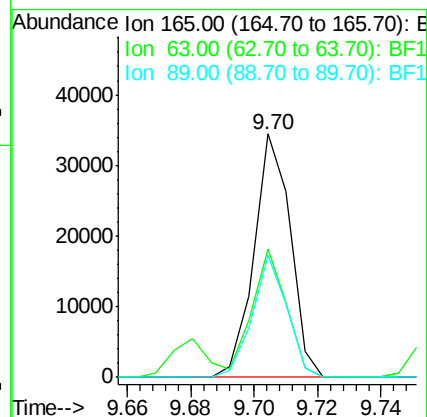
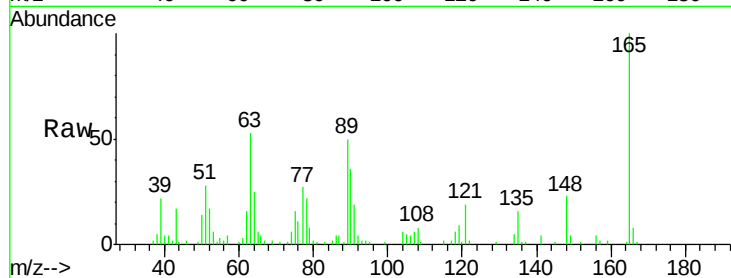




#50
2,6-Dinitrotoluene
Concen: 16.28 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

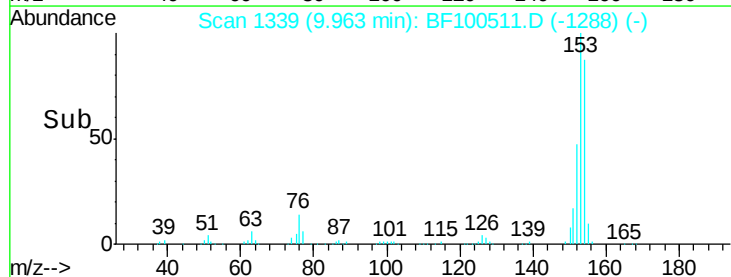
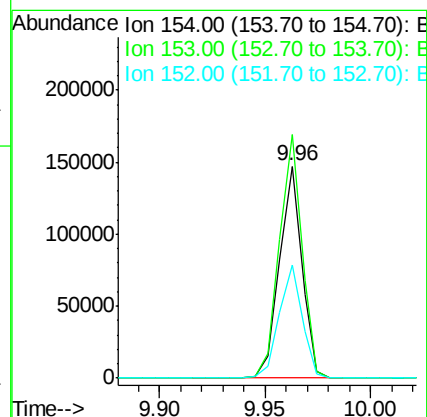
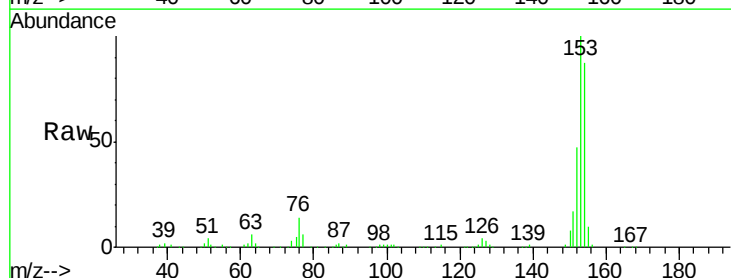
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

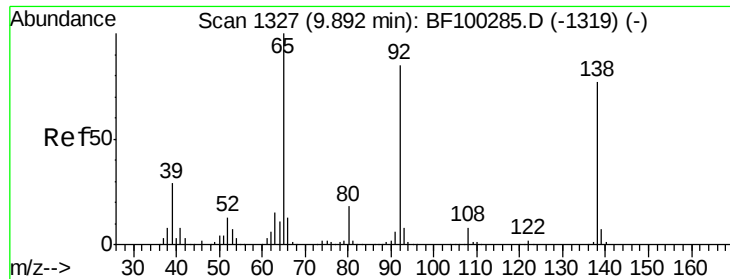
Tgt Ion:165 Resp: 27418
Ion Ratio Lower Upper
165 100
63 52.8 44.7 67.1
89 50.3 44.0 66.0



#51
Acenaphthene
Concen: 15.49 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:154 Resp: 109144
Ion Ratio Lower Upper
154 100
153 115.0 91.2 136.8
152 53.6 43.8 65.8

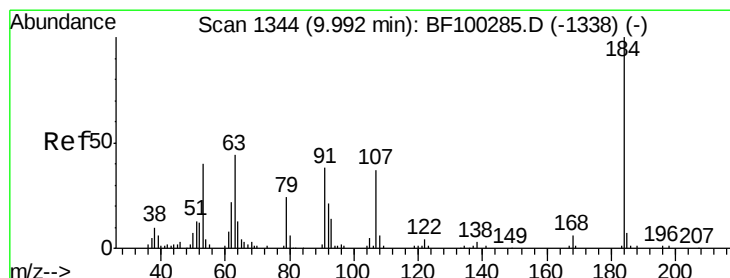
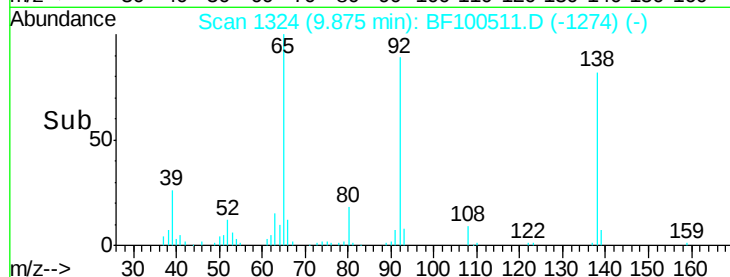
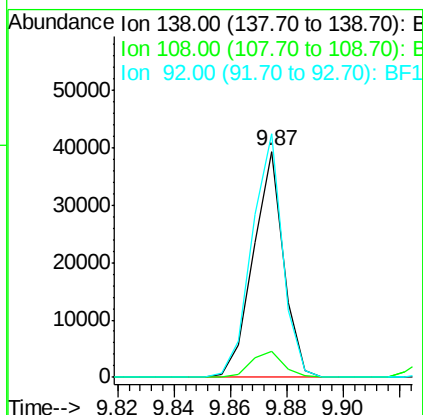
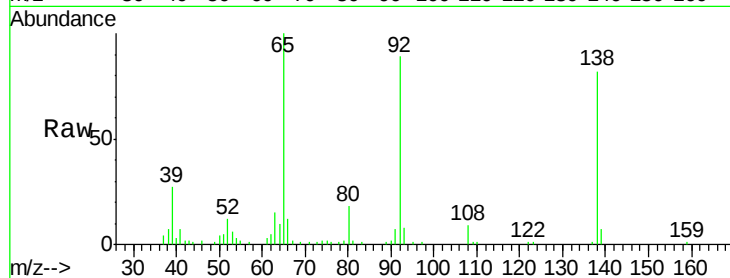




#52
3-Nitroaniline
Concen: 14.79 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

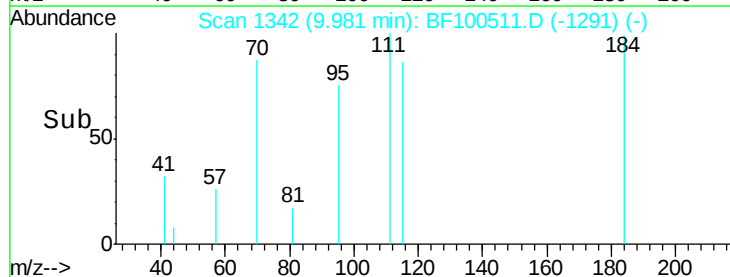
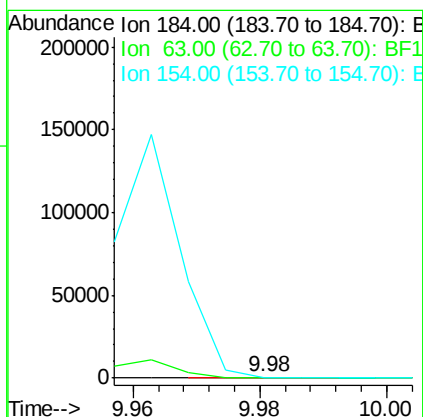
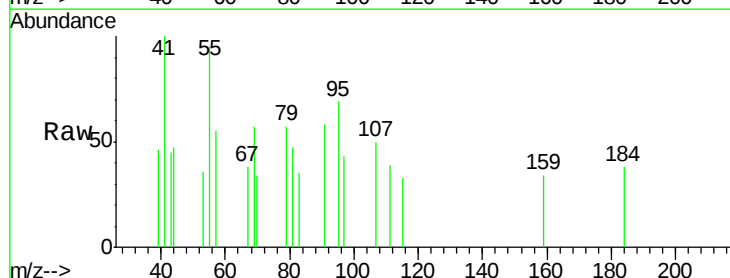
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

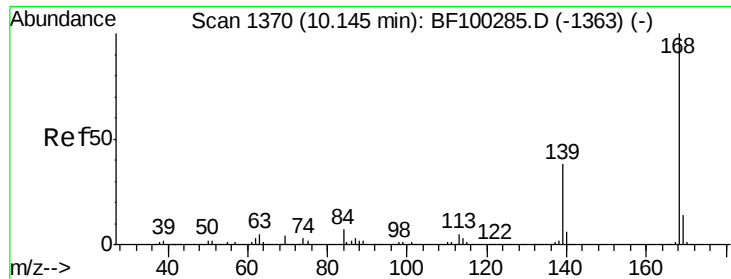
Tgt Ion:138 Resp: 29399
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.0
92 107.6 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 8.05 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#

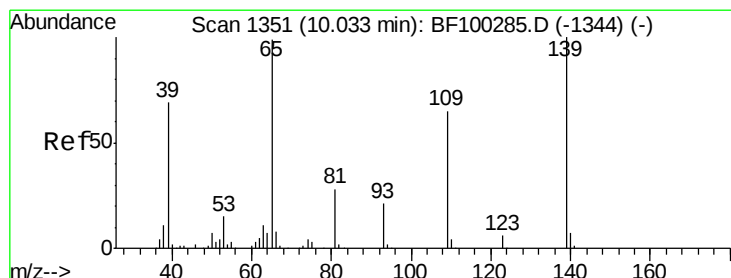
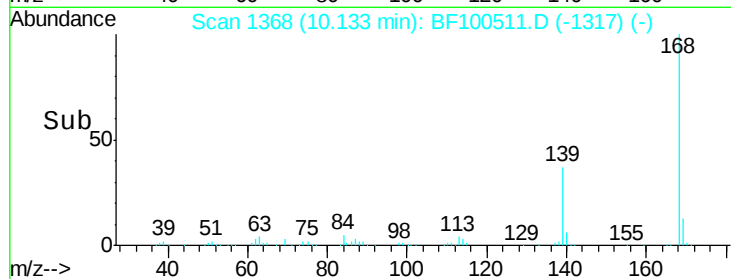
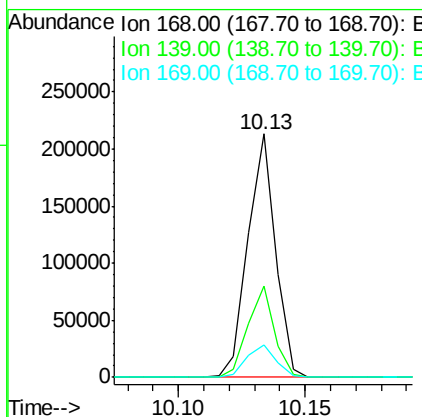
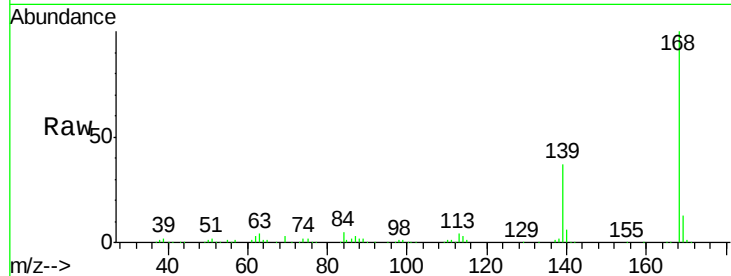




#54
Dibenzenofuran
Concen: 16.35 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

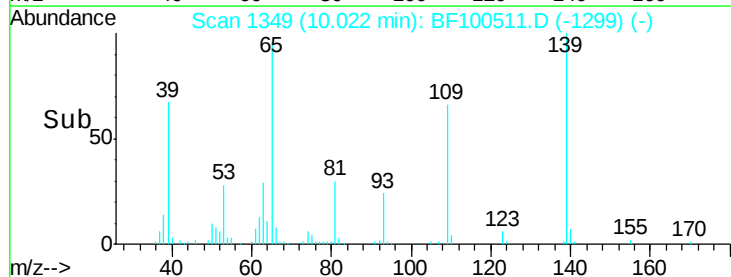
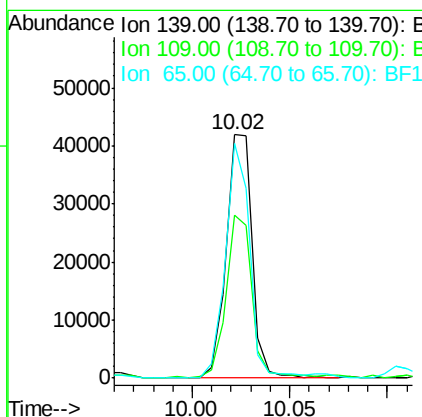
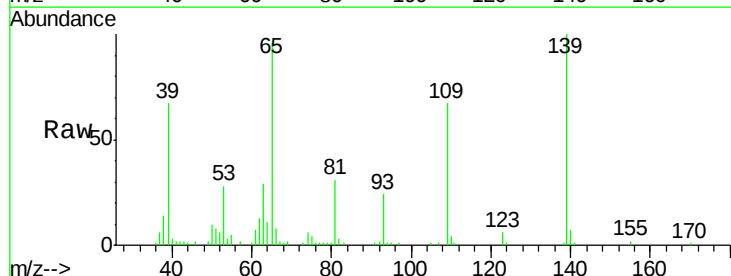
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

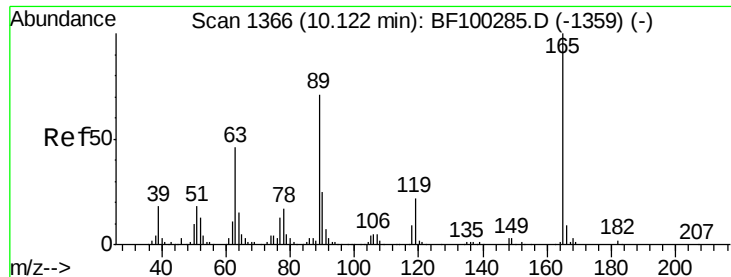
Tgt Ion:168 Resp: 161464
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.5 10.9 16.3



#55
4-Nitrophenol
Concen: 23.82 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:139 Resp: 38449
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 96.3 72.6 112.6

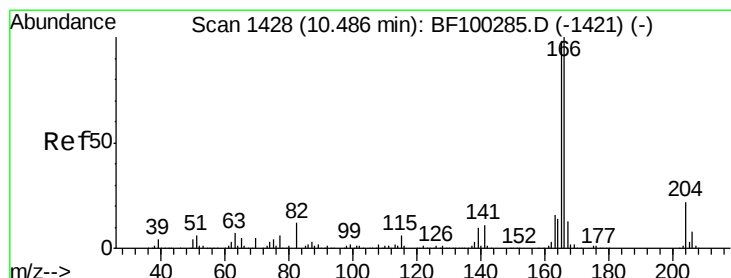
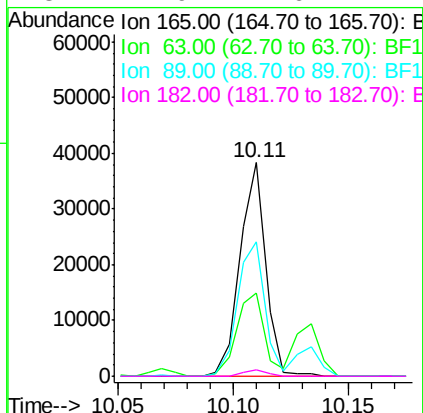
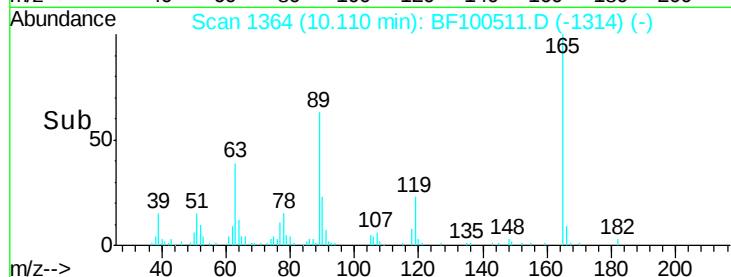
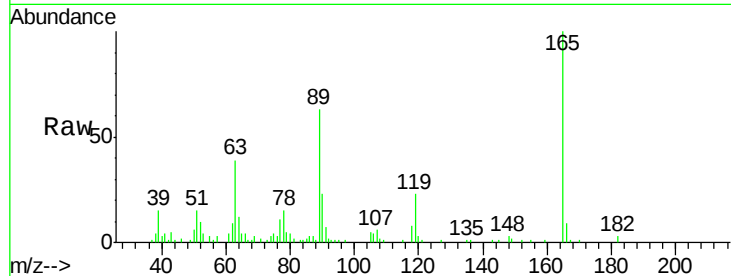




#56
 2,4-Dinitrotoluene
 Concen: 14.09 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

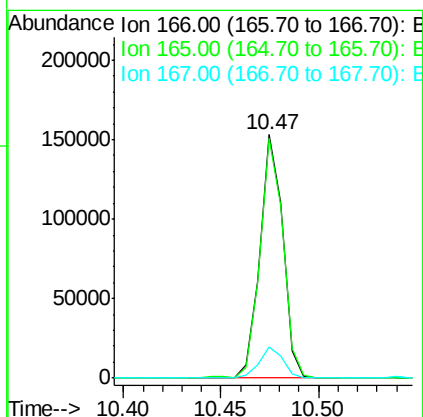
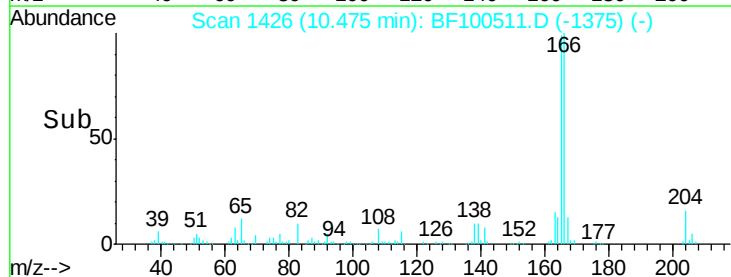
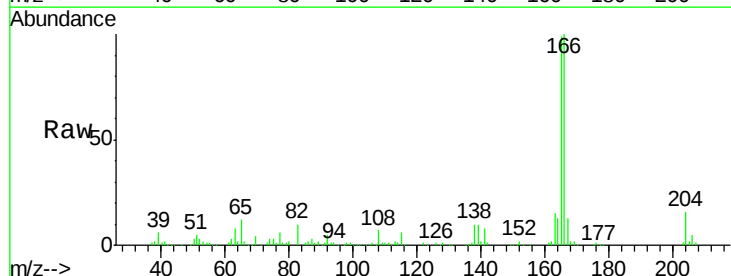
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

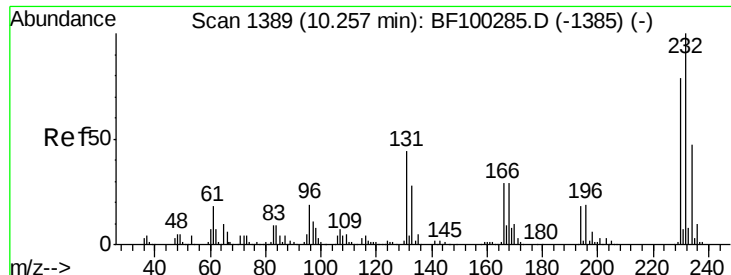
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.8	36.4	54.6
89	62.8	57.8	86.6
182	2.9	1.6	2.4#



#57
 Fluorene
 Concen: 17.23 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	12.9	10.6	16.0

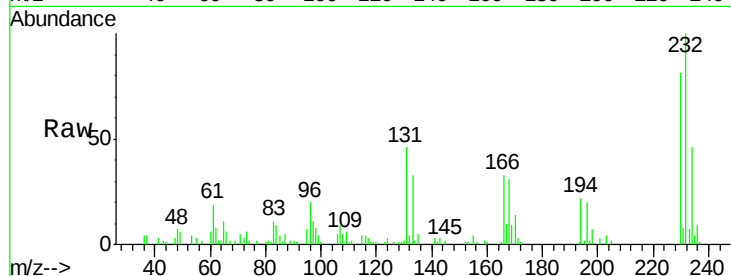




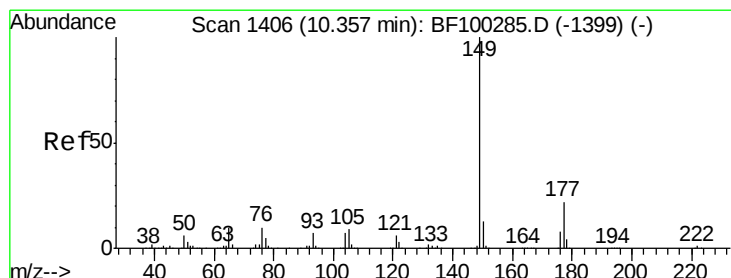
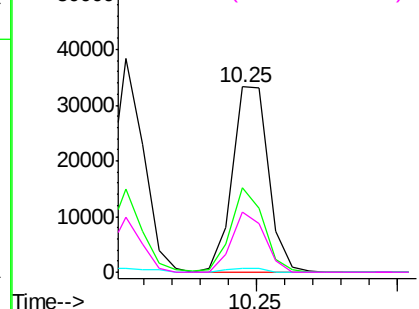
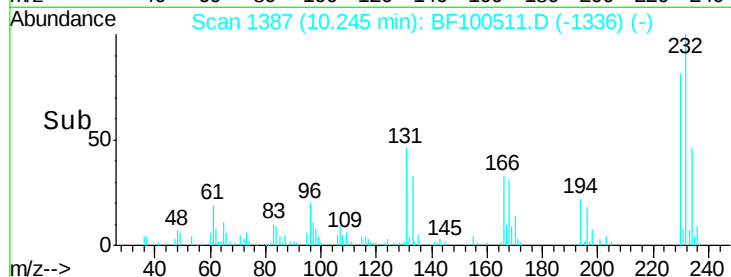
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.88 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

Tgt Ion:	232	Resp:	29586
Ion	Ratio	Lower	Upper
232	100		
131	41.8	43.8	65.8#
130	2.2	2.1	3.1
166	29.8	27.8	41.6

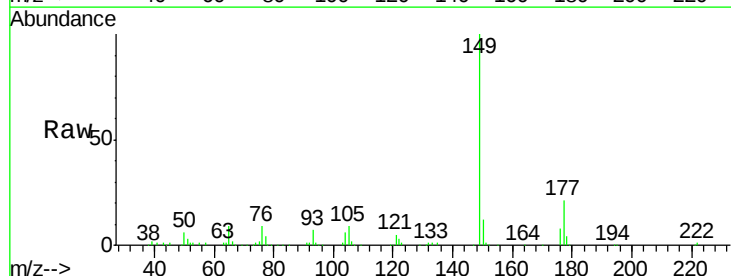


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

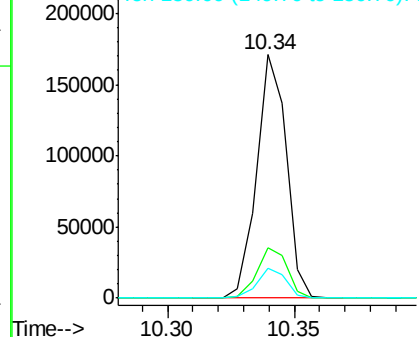
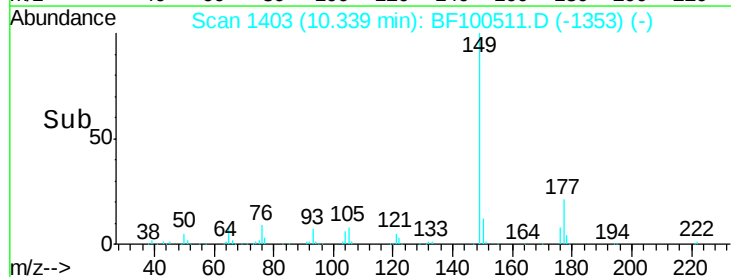


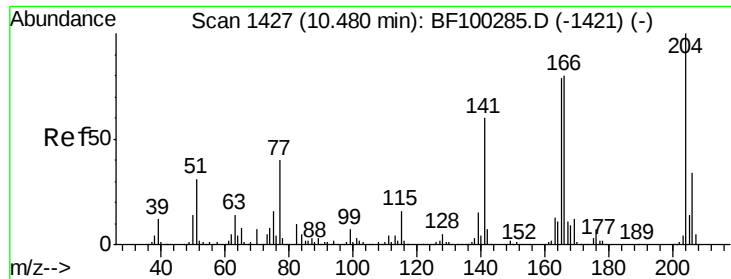
#59
 Diethylphthalate
 Concen: 16.43 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion:	149	Resp:	139873
Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.2	10.1	15.1



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

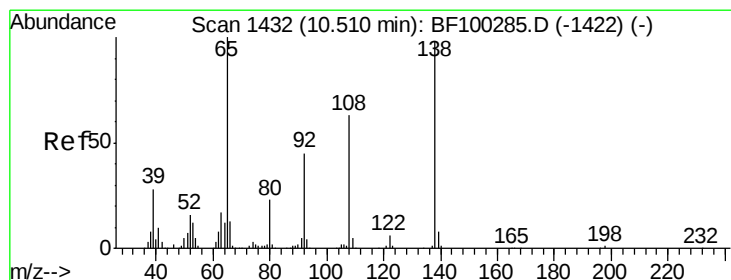
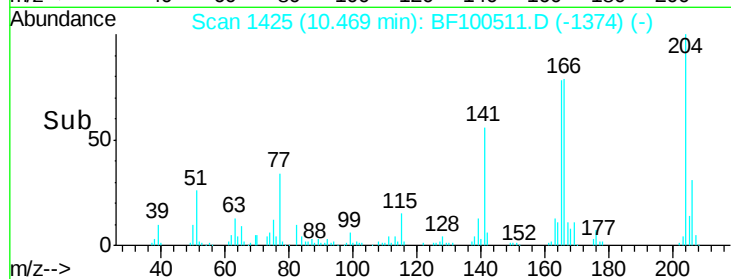
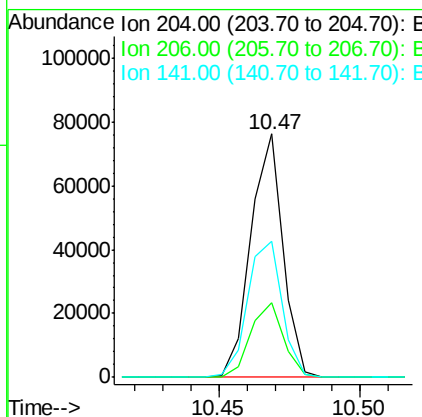
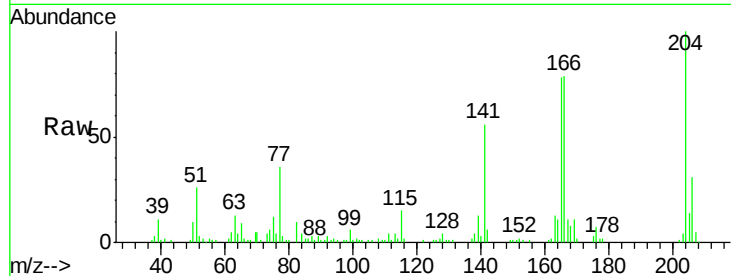




#60
 4-Chlorophenyl-phenylether
 Concen: 17.02 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

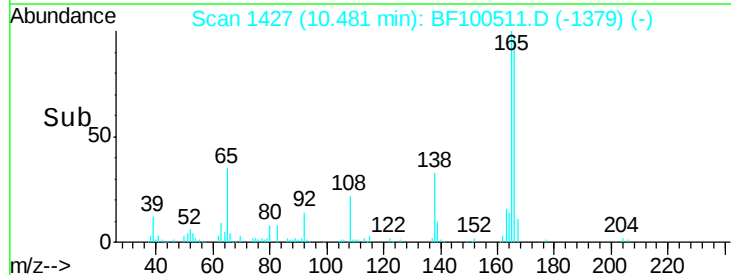
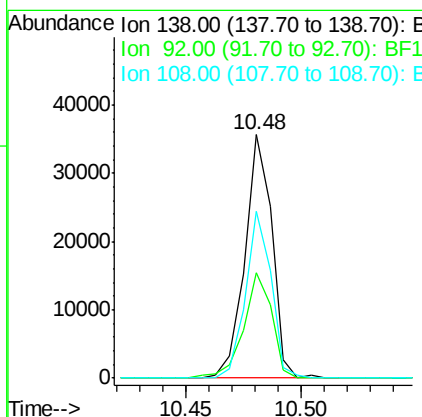
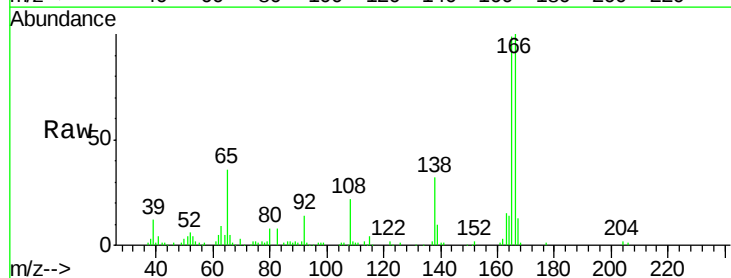
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

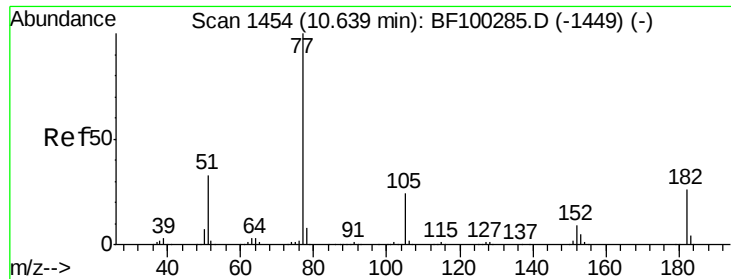
Tgt Ion: 204 Resp: 60414
 Ion Ratio Lower Upper
 204 100
 206 30.8 26.5 39.7
 141 56.1 54.6 81.8



#61
 4-Nitroaniline
 Concen: 15.52 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion: 138 Resp: 29255
 Ion Ratio Lower Upper
 138 100
 92 43.5 30.2 70.2
 108 68.6 52.5 92.5





#62

Azobenzene

Concen: 16.31 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

Tgt Ion: 77 Resp: 130763

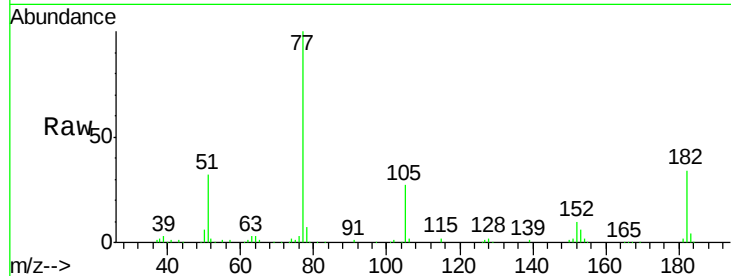
Ion Ratio Lower Upper

77 100

182 34.0 1.7 41.7

105 26.6 3.0 43.0

51 31.6 9.9 49.9

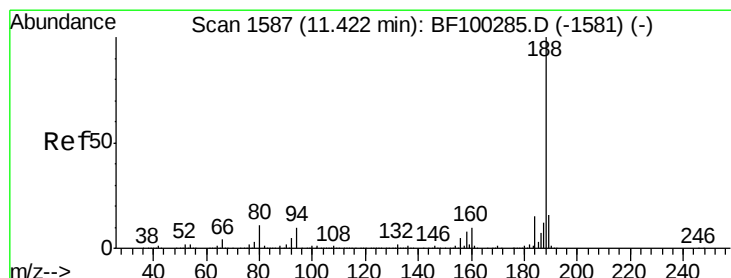
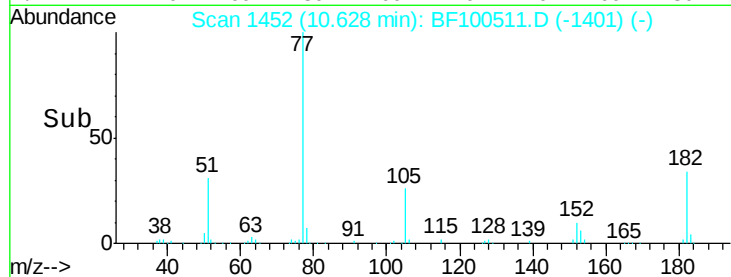
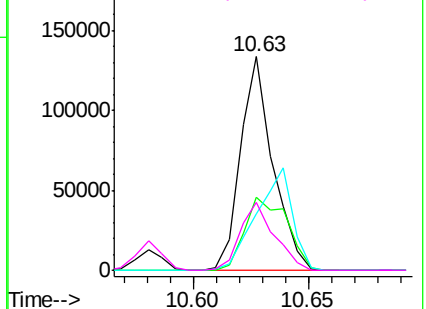


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

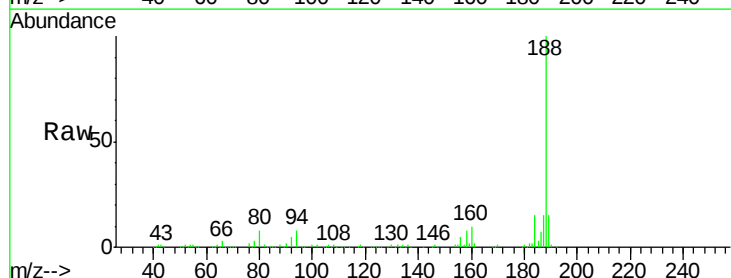
Tgt Ion: 188 Resp: 176326

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

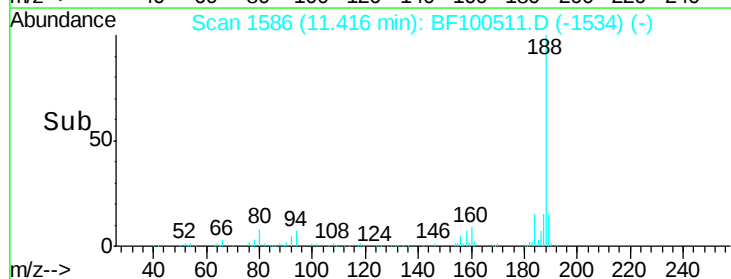
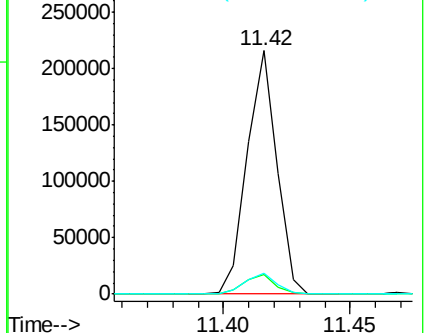
80 8.4 9.2 13.8#

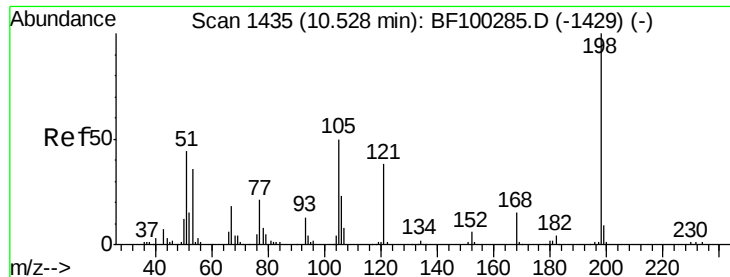


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

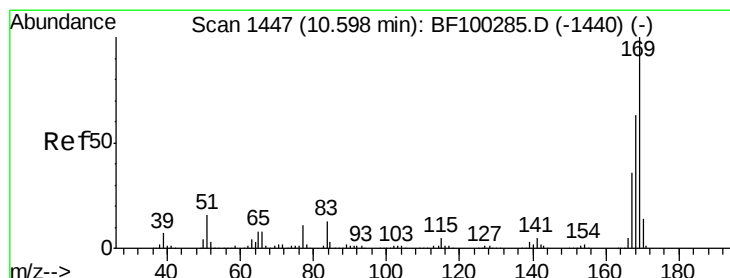
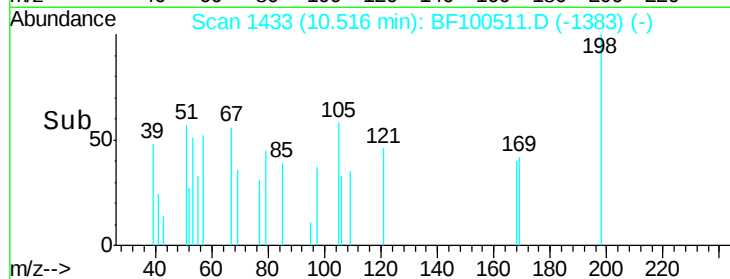
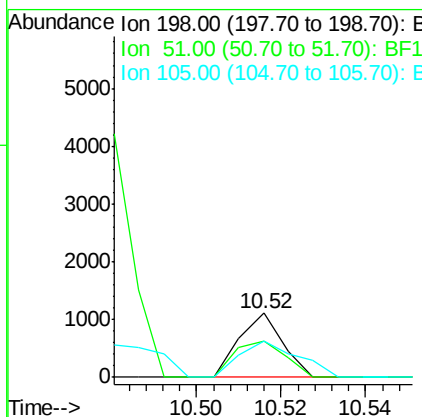
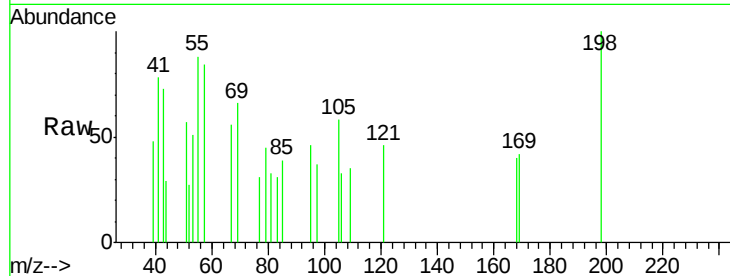




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.30 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

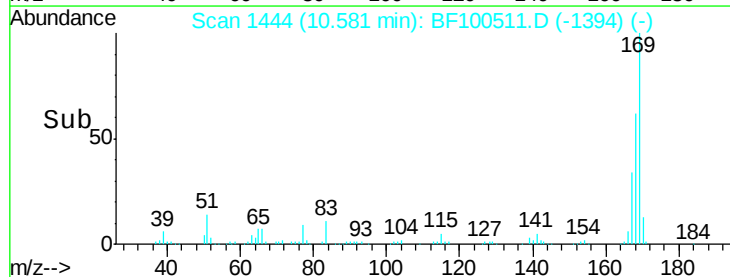
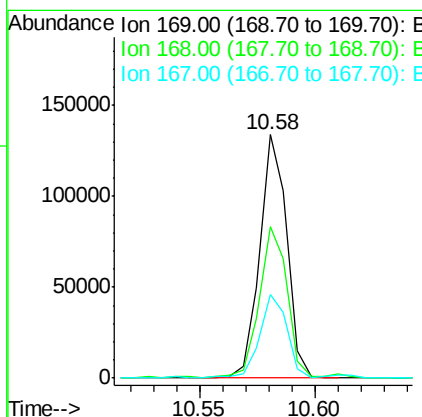
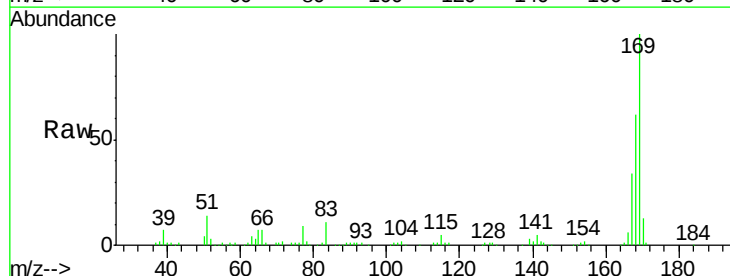
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

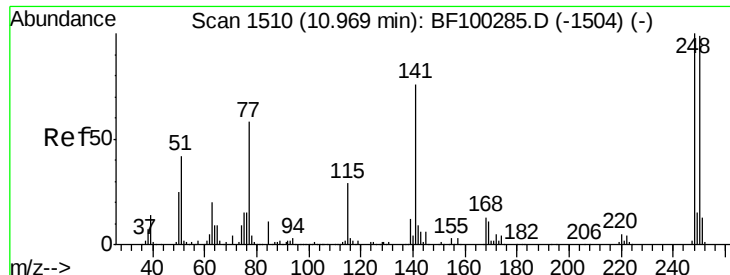
Tgt Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 57.2 37.7 77.7
 105 57.7 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 17.83 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF100511.D
 Acq: 13 Nov 2017 19:07

Tgt Ion:169 Resp: 109293
 Ion Ratio Lower Upper
 169 100
 168 62.3 54.4 81.6
 167 34.1 29.8 44.6

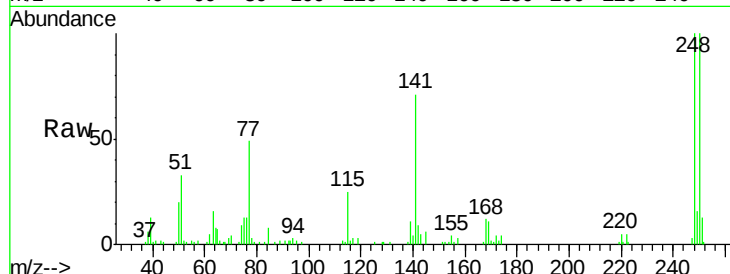




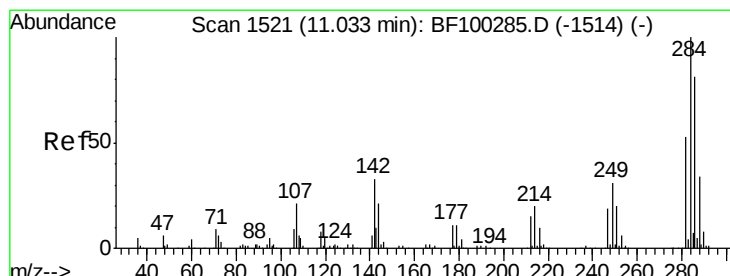
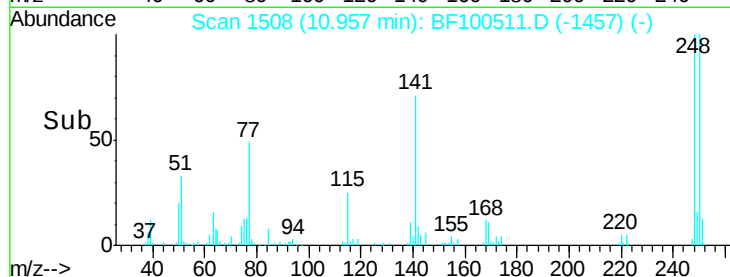
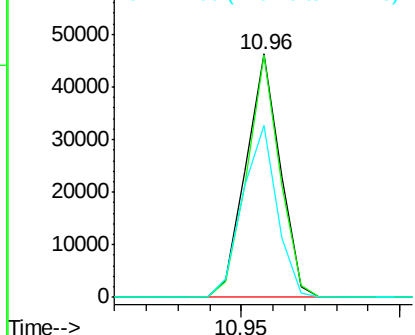
#66
4-Bromophenyl-phenylether
Concen: 18.38 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tgt Ion:248 Resp: 34742
Ion Ratio Lower Upper
248 100
250 99.6 76.9 115.3
141 70.7 74.4 111.6#

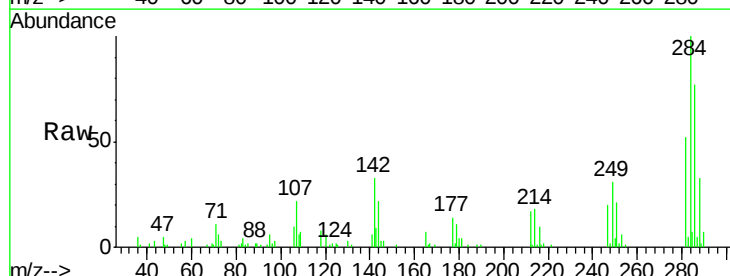


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

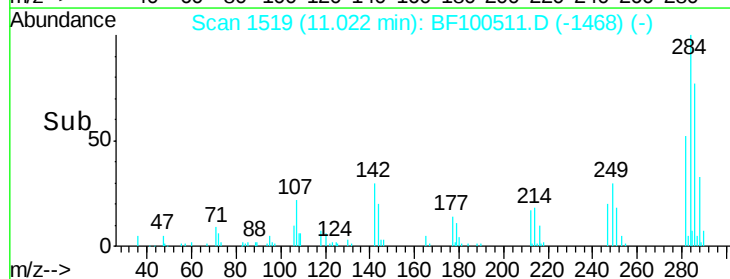
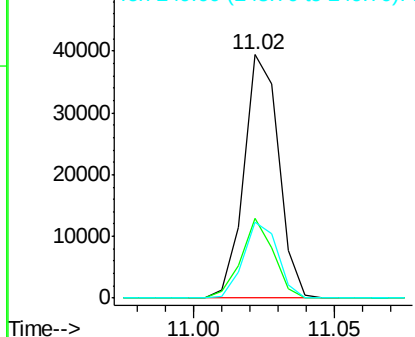


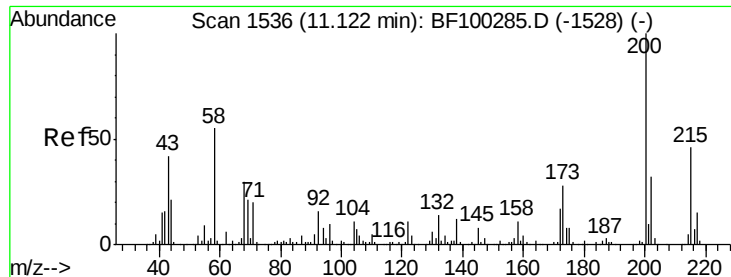
#67
Hexachlorobenzene
Concen: 16.94 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:284 Resp: 33487
Ion Ratio Lower Upper
284 100
142 32.5 34.6 52.0#
249 31.0 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

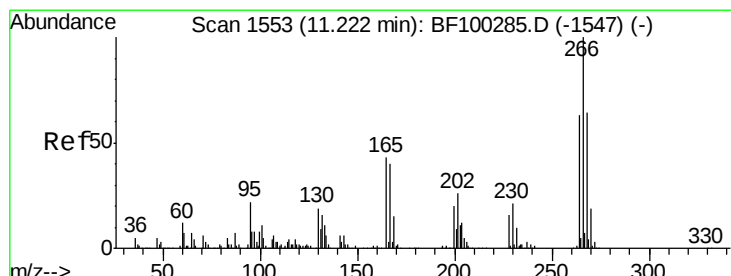
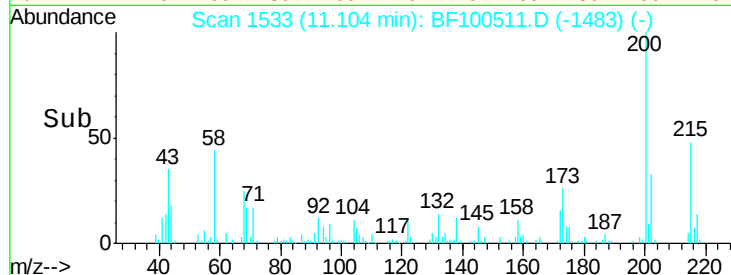
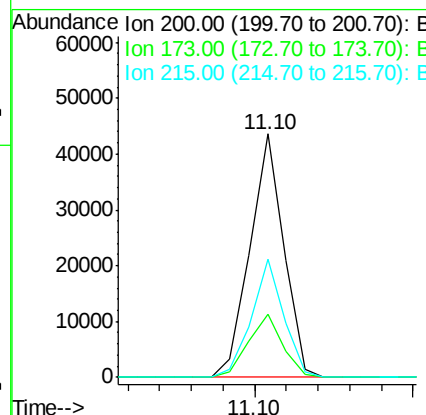
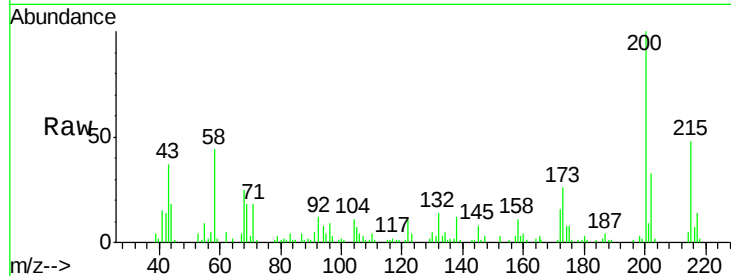




#68
Atrazine
Concen: 17.37 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

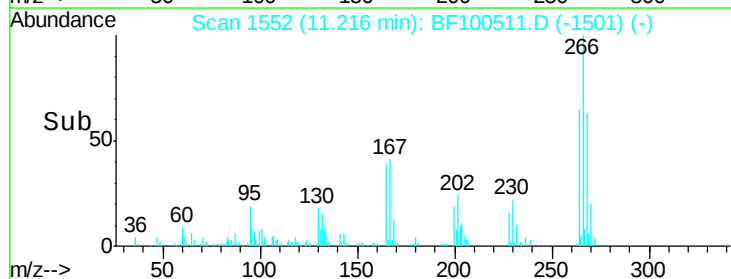
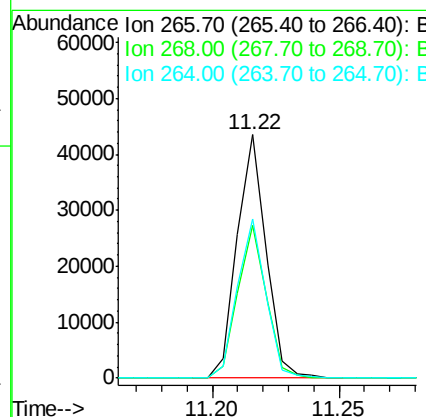
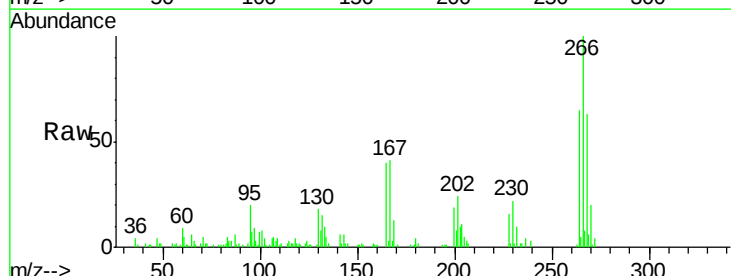
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

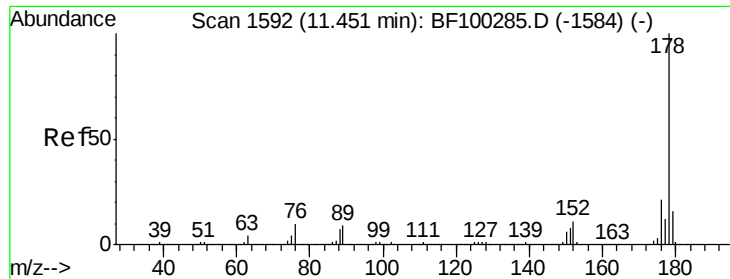
Tgt Ion: 200 Resp: 32230
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 48.3 25.1 65.1



#69
Pentachlorophenol
Concen: 24.21 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion: 266 Resp: 34317
Ion Ratio Lower Upper
266 100
268 62.9 51.1 76.7
264 65.3 49.5 74.3

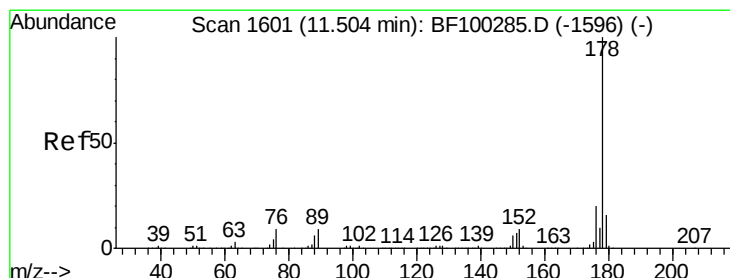
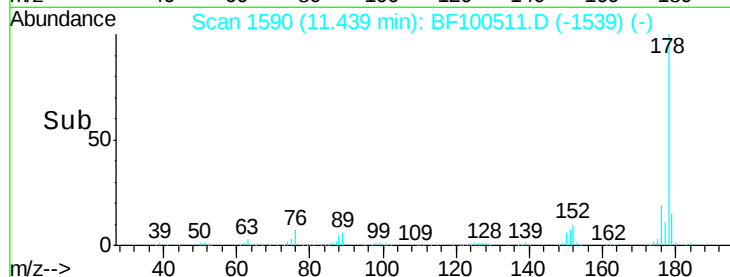
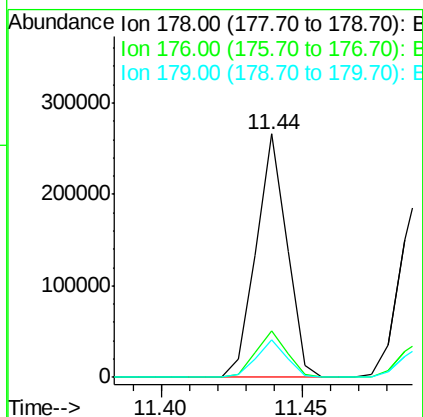
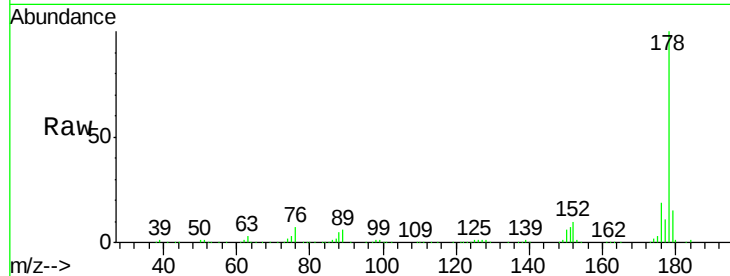




#70
Phenanthrene
Concen: 21.77 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

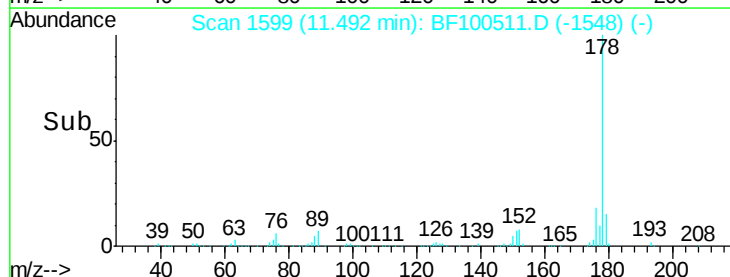
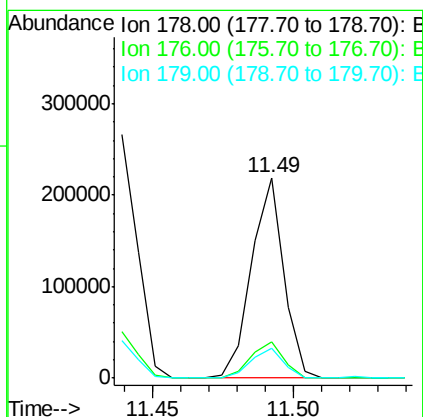
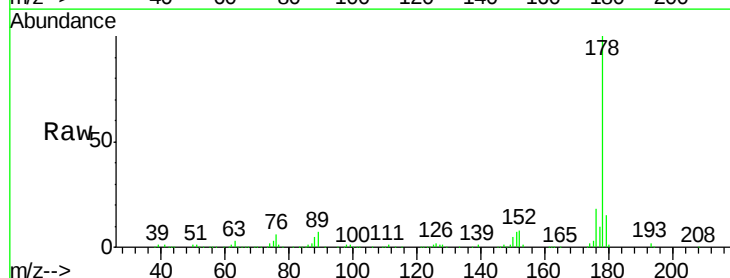
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

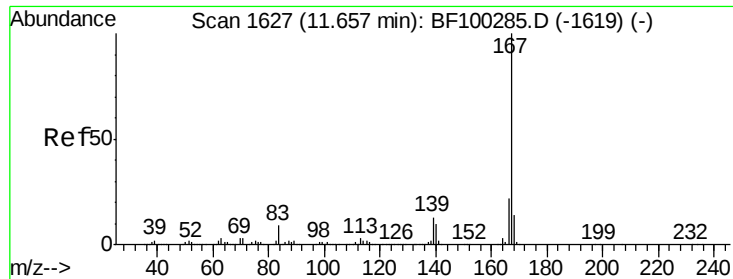
Tgt Ion:178 Resp: 202116
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 18.44 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:178 Resp: 173714
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.1 12.6 19.0





#72

Carbazole

Concen: 16.30 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

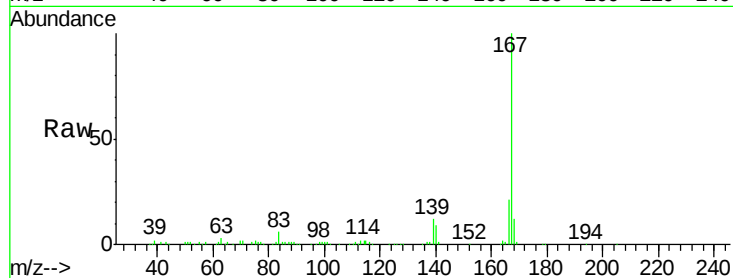
Tgt Ion:167 Resp: 141643

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

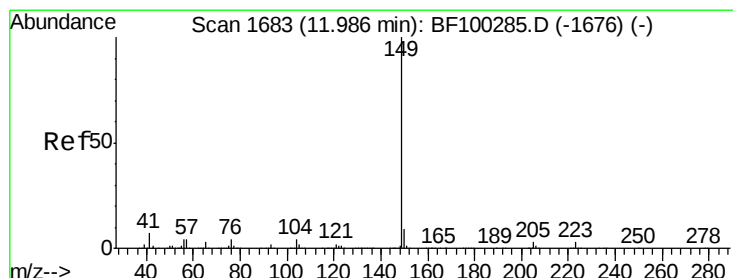
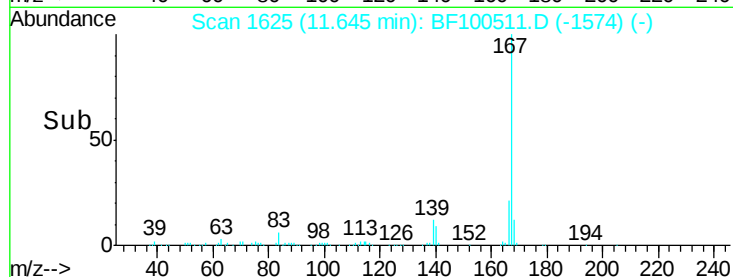
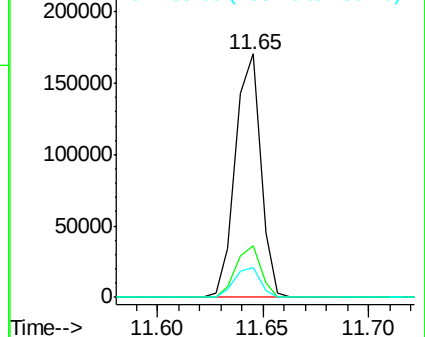
139 12.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 17.46 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

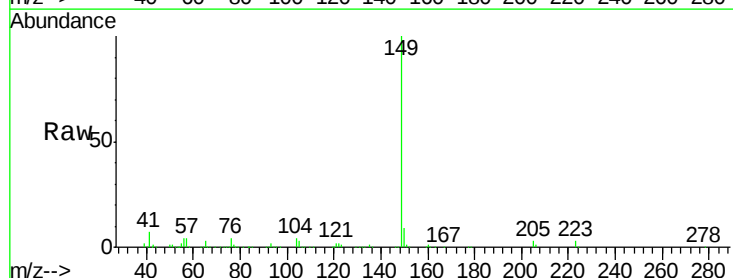
Tgt Ion:149 Resp: 177603

Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.6

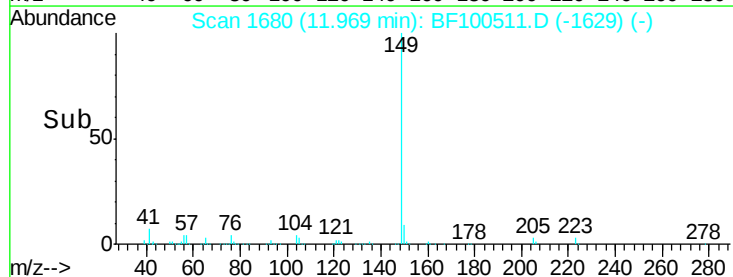
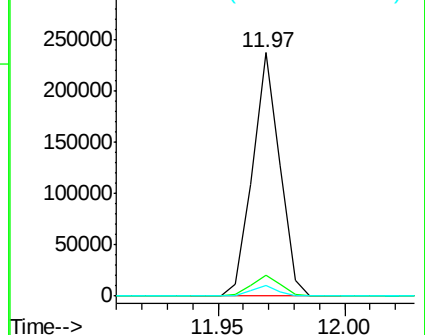
104 4.5 3.8 5.8

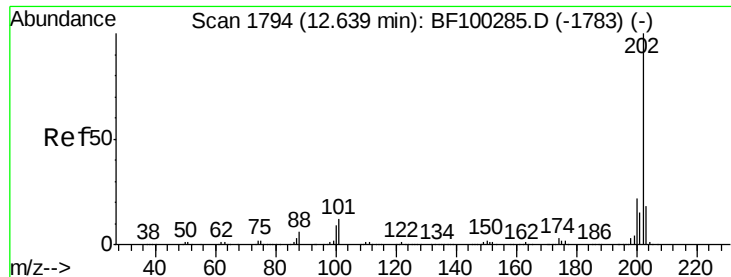


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 27.06 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

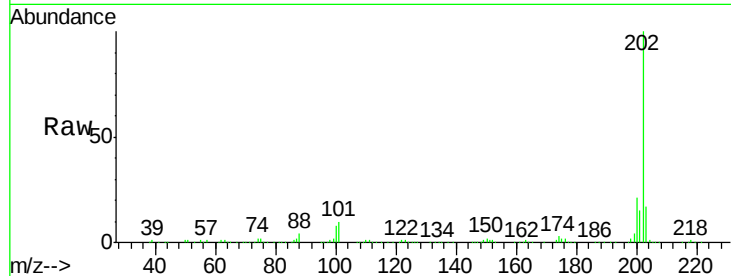
Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

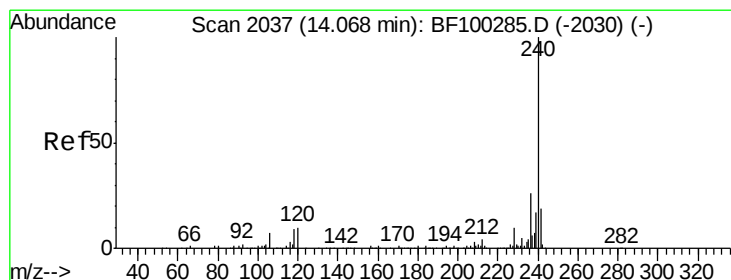
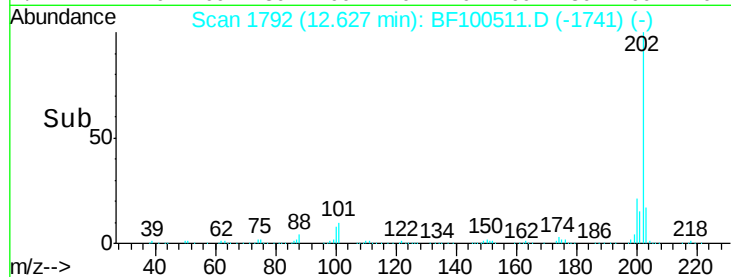
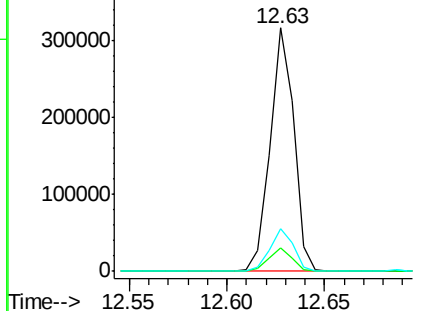
Tgt Ion:	202	Resp:	266266
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

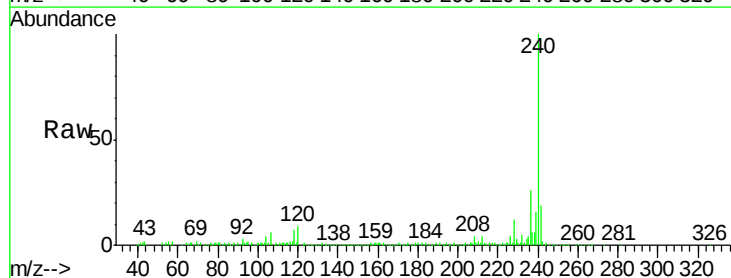
RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

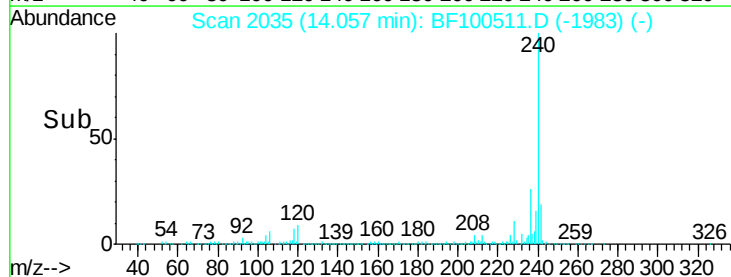
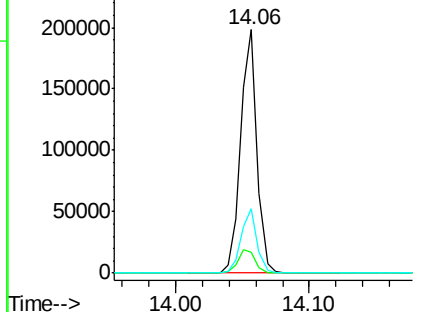
Tgt Ion:	240	Resp:	169718
Ion Ratio	Lower	Upper	
240	100		
120	8.6	9.5	14.3#
236	26.5	20.7	31.1

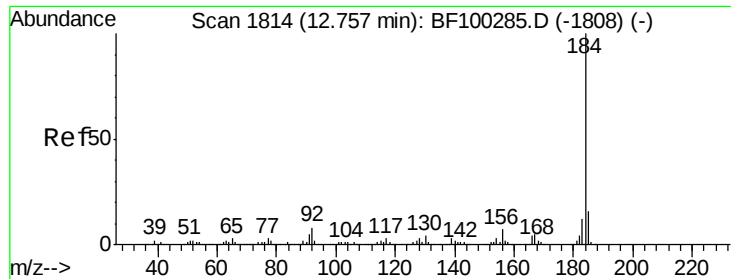


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

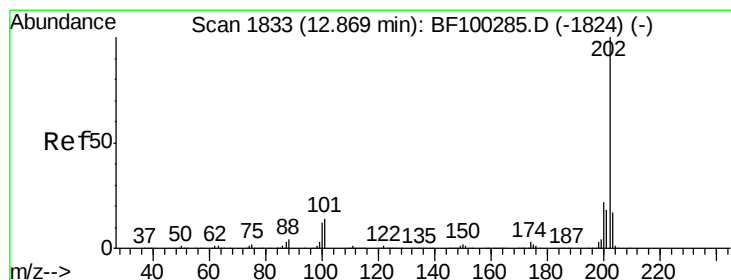
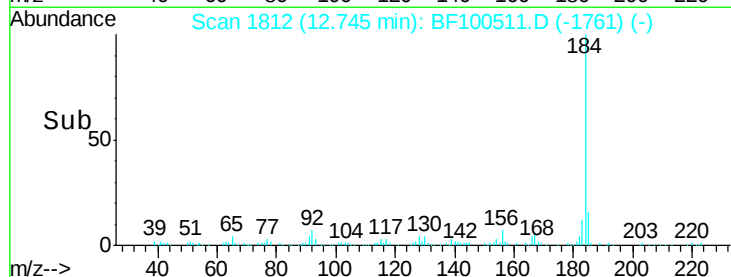
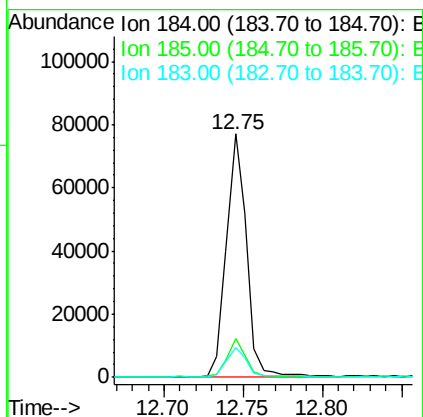
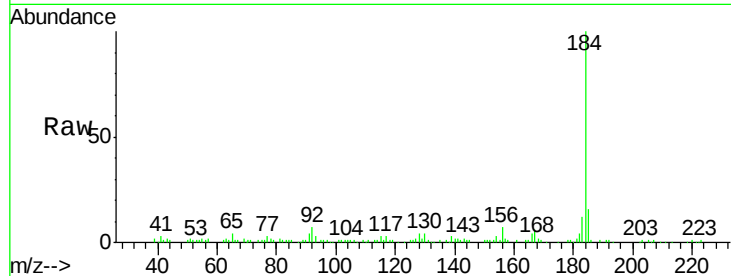




#76
Benzidine
Concen: 10.06 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

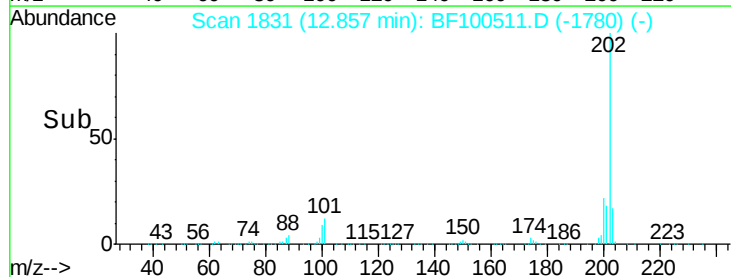
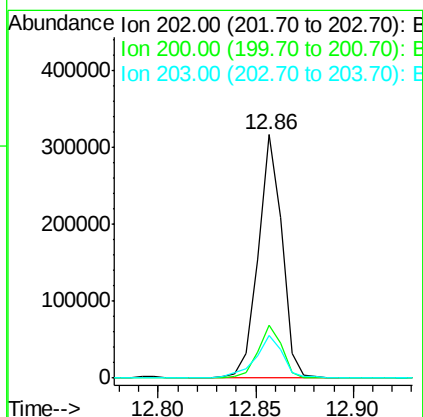
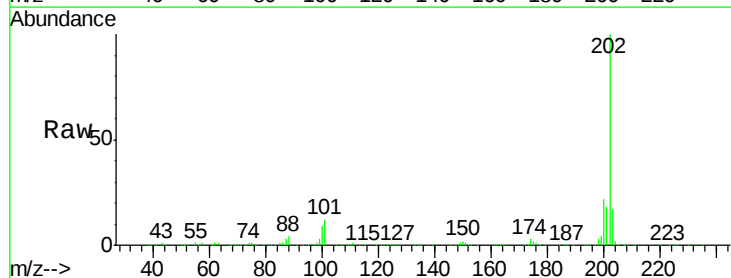
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

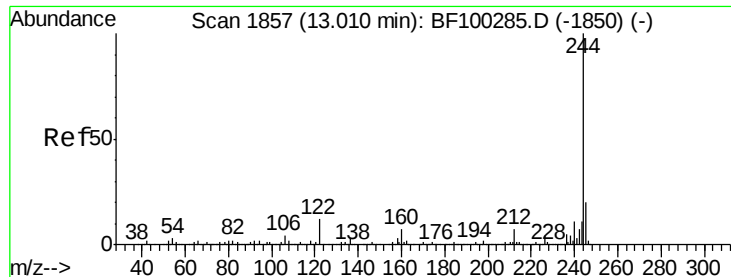
Tgt Ion:184 Resp: 68356
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 12.5 9.3 13.9



#77
Pyrene
Concen: 22.13 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:202 Resp: 267729
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5





#78

Terphenyl-d14

Concen: 28.62 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

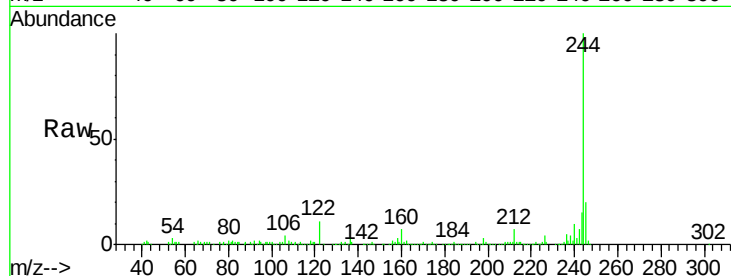
Tgt Ion:244 Resp: 211364

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

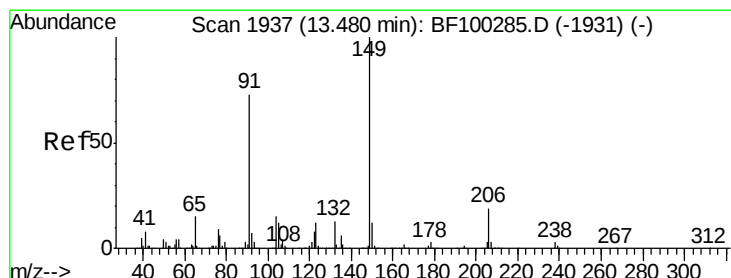
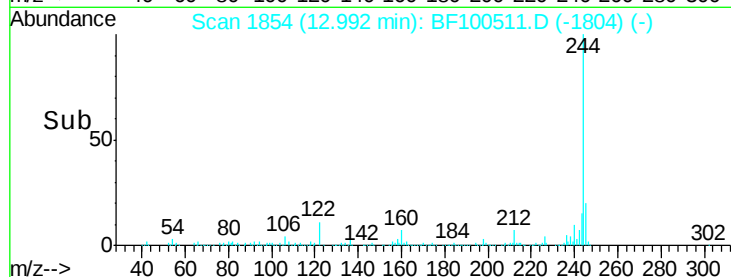
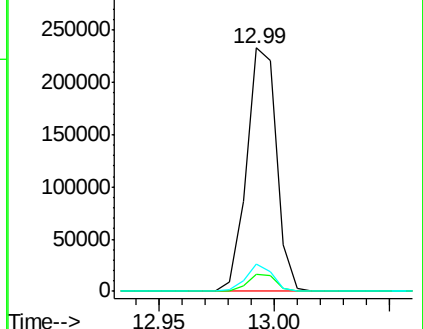
122 11.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 14.81 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

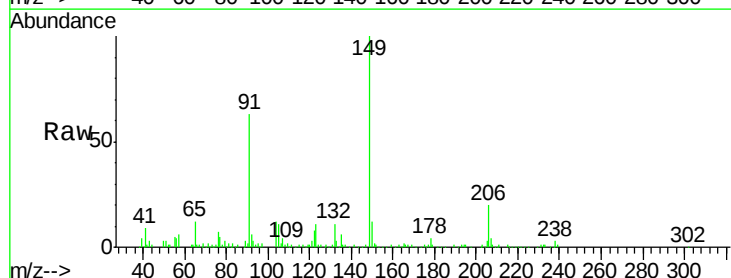
Tgt Ion:149 Resp: 73091

Ion Ratio Lower Upper

149 100

91 62.8 56.8 85.2

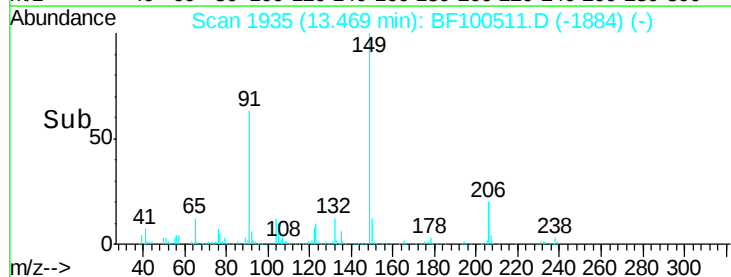
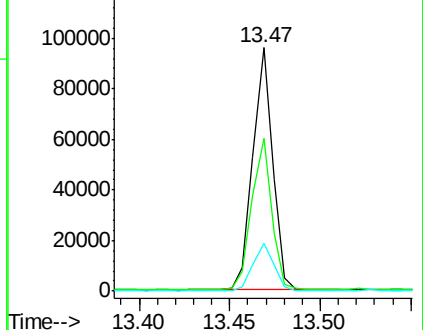
206 19.7 14.1 21.1

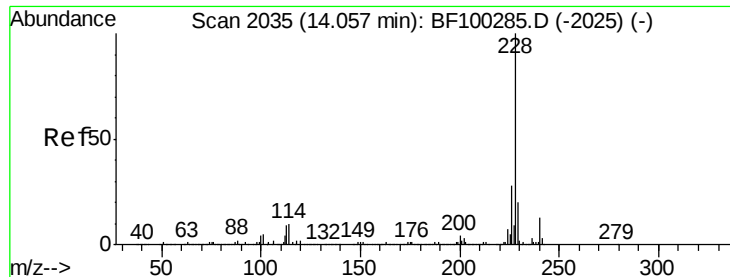


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

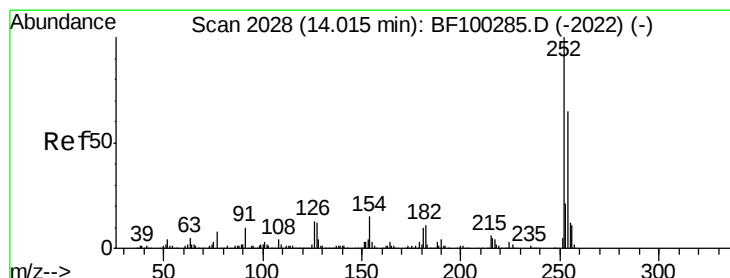
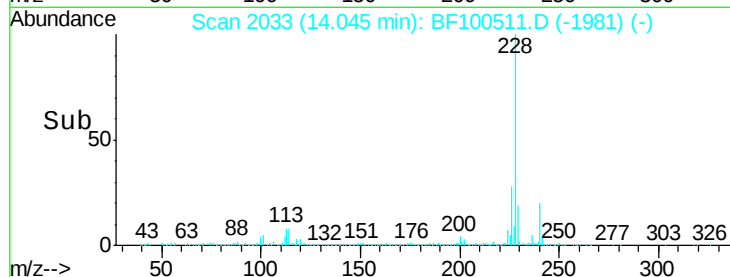
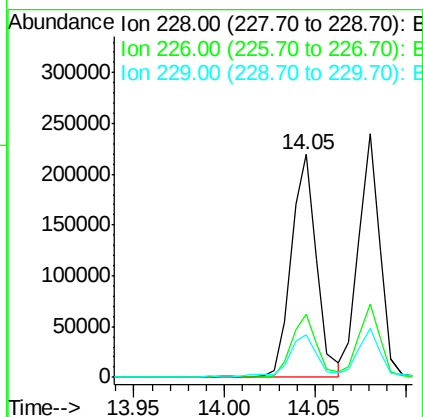
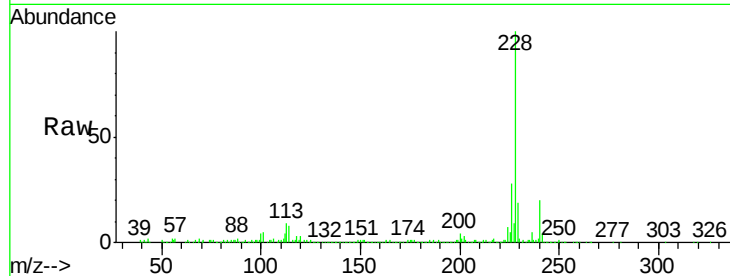




#80
Benzo(a)anthracene
Concen: 20.92 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

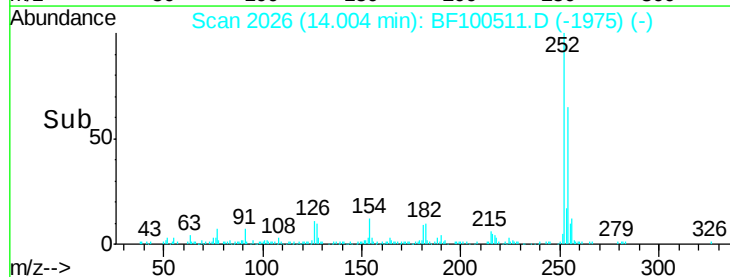
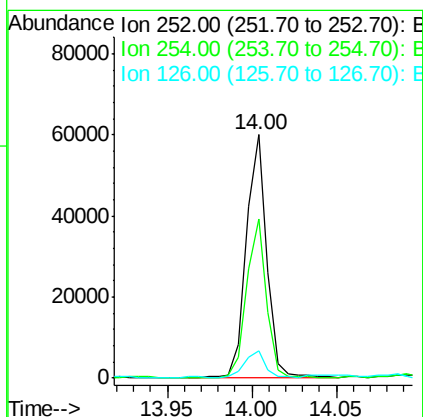
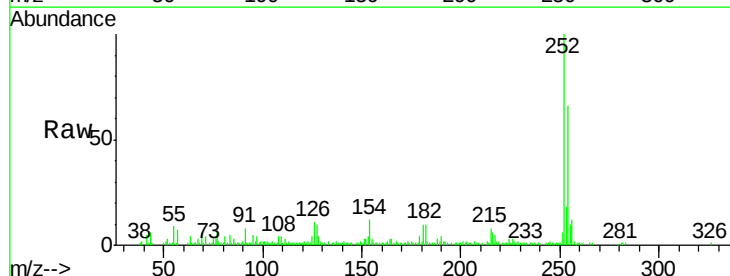
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

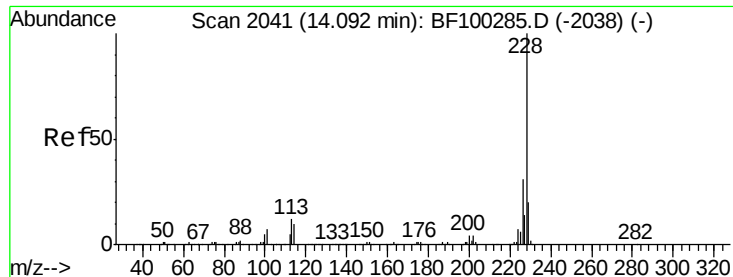
Tgt Ion:228 Resp: 213830
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 18.9 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 13.97 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion:252 Resp: 51162
Ion Ratio Lower Upper
252 100
254 65.5 50.4 75.6
126 11.1 11.3 16.9#





#82

Chrysene

Concen: 19.71 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

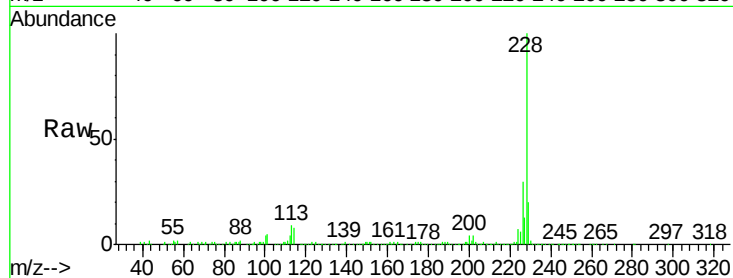
Tgt Ion:228 Resp: 195089

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 20.3 16.2 24.4

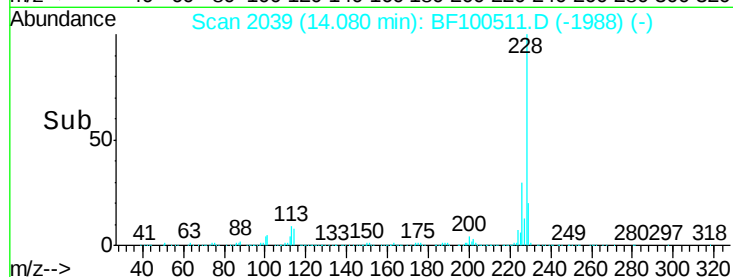


Abundance Ion 228.00 (227.70 to 228.70): E

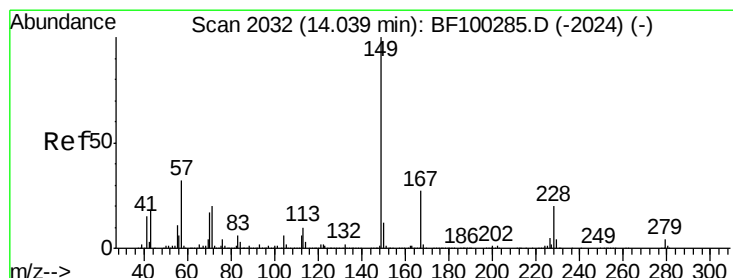
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.08



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 17.31 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

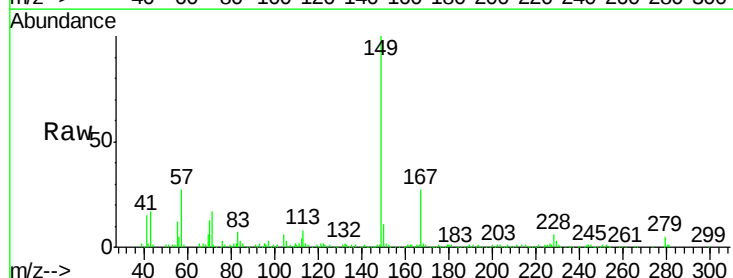
Tgt Ion:149 Resp: 112335

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.5 3.0 4.4#

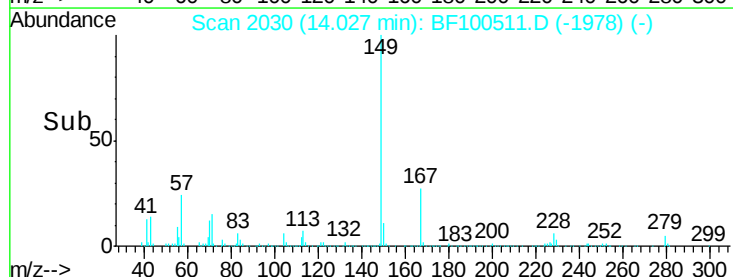


Abundance Ion 149.00 (148.70 to 149.70): E

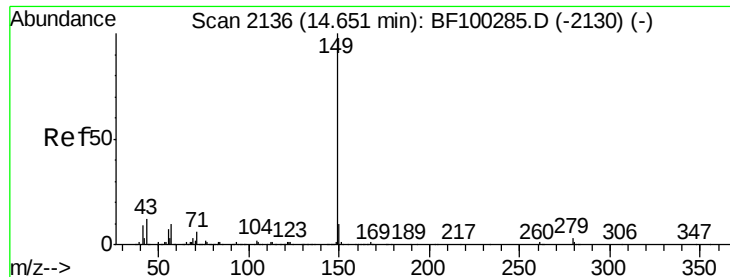
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.03



Time-->



#84

Di-n-octyl phthalate

Concen: 16.97 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

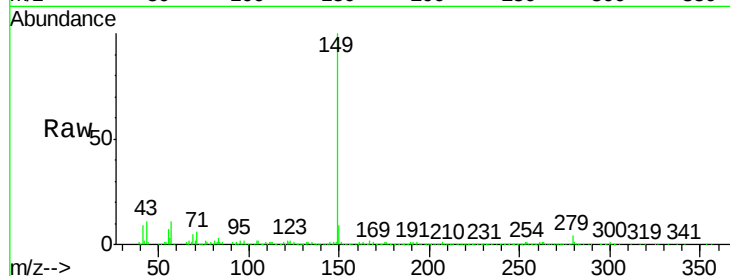
Instrument :

BNA_F

ClientSampleId :

JC-02-110917-E

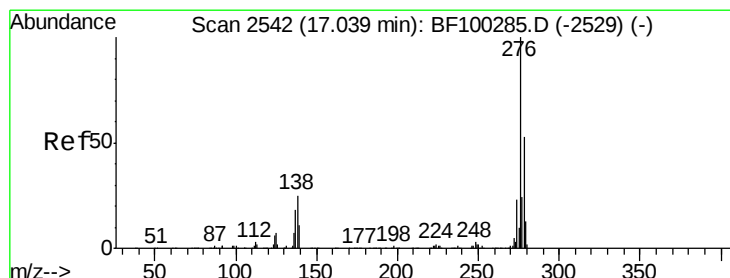
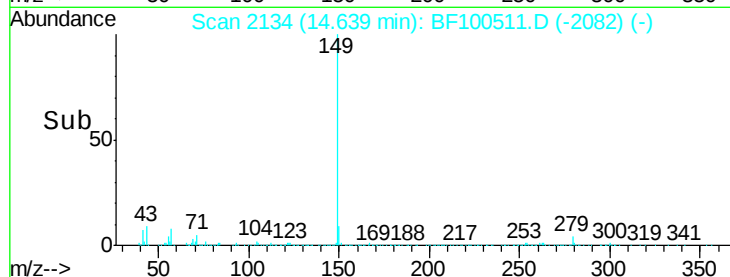
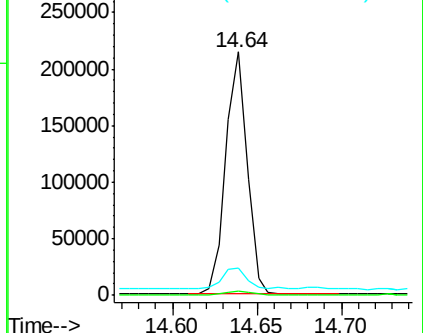
Tgt Ion:	149	Resp:	189231
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.9	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.91 ng

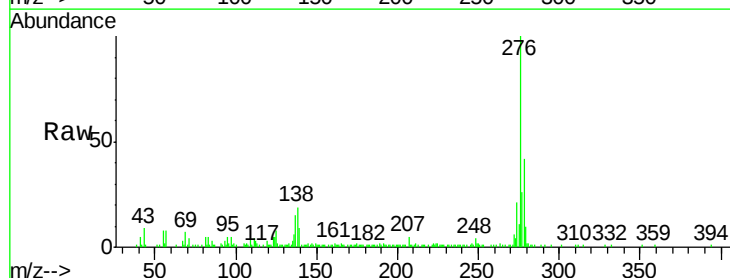
RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF100511.D

Acq: 13 Nov 2017 19:07

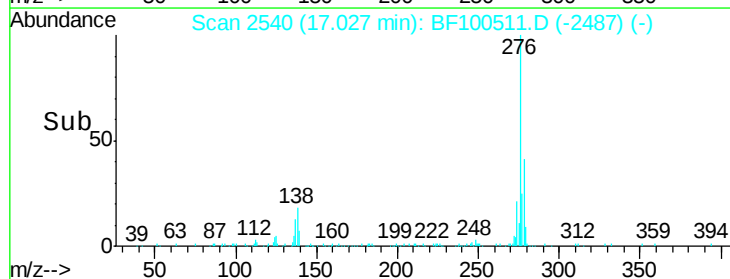
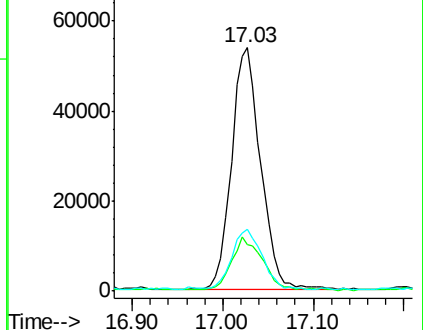
Tgt Ion:	276	Resp:	119385
Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	25.7	20.1	30.1

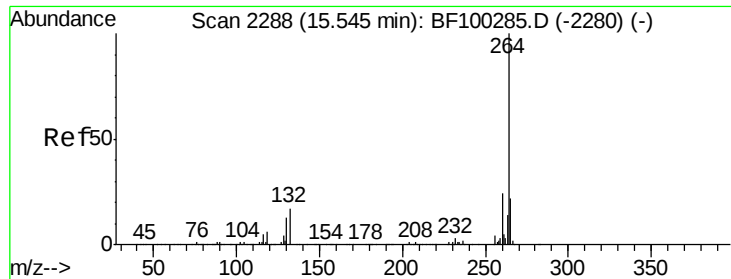


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



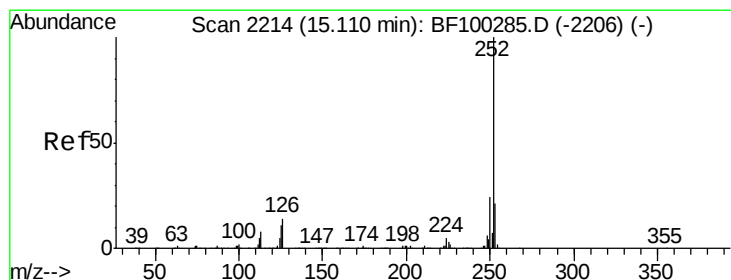
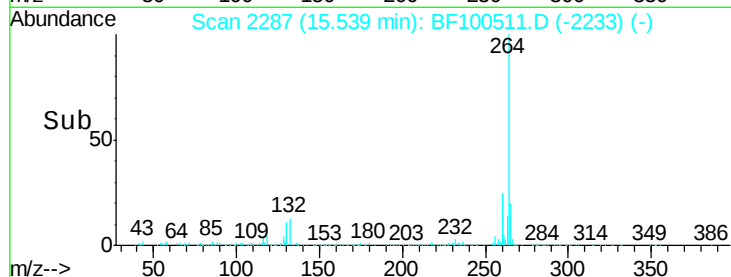
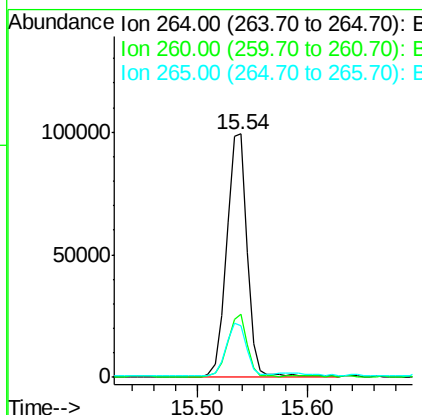
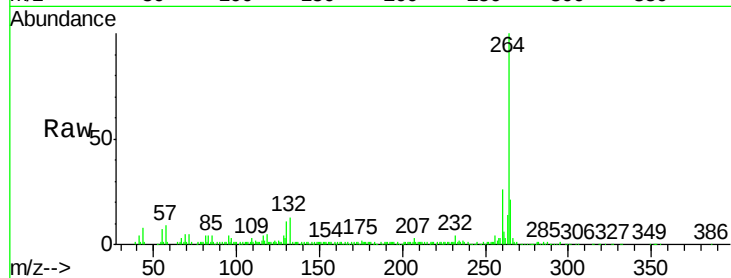


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tgt Ion: 264 Resp: 130670

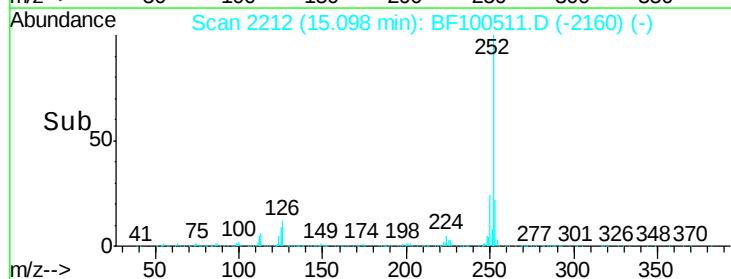
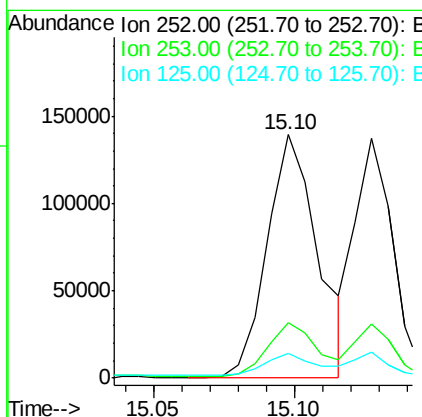
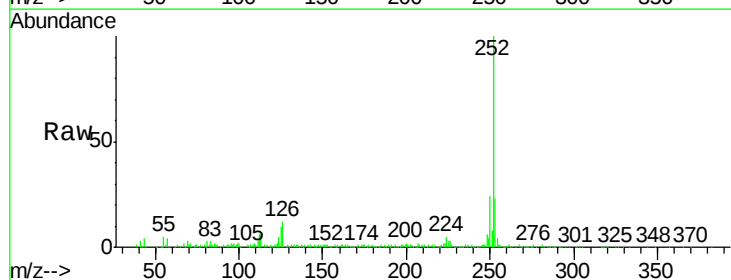
Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.0	17.5	26.3

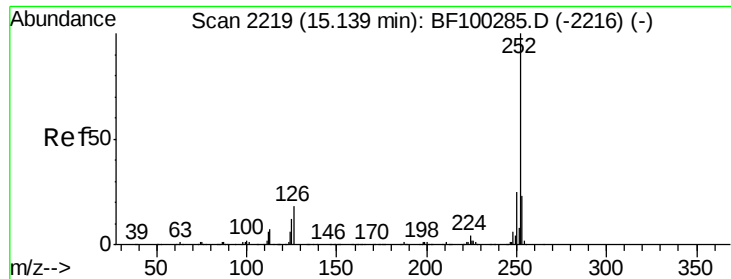


#87
Benzo(b)fluoranthene
Concen: 22.34 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion: 252 Resp: 172948

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.1	9.0	13.6

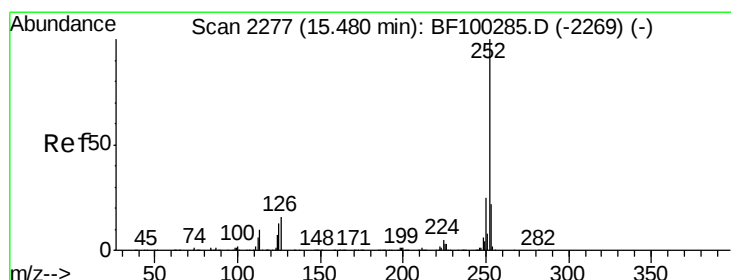
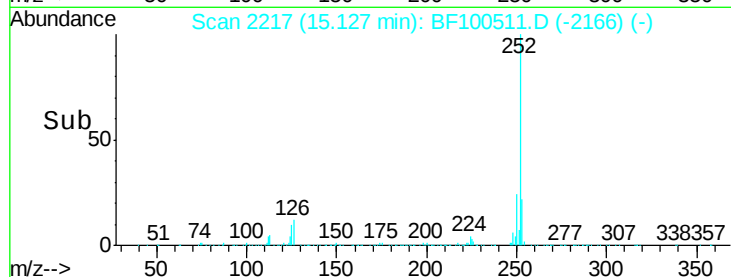
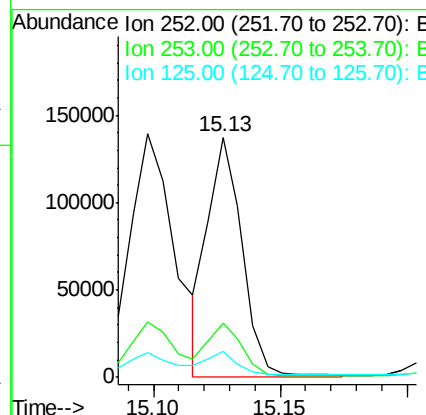
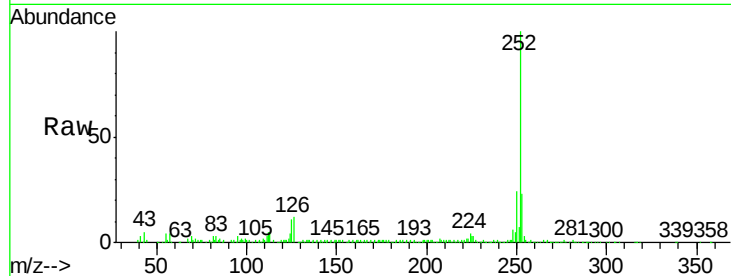




#88
Benzo(k)fluoranthene
Concen: 17.51 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

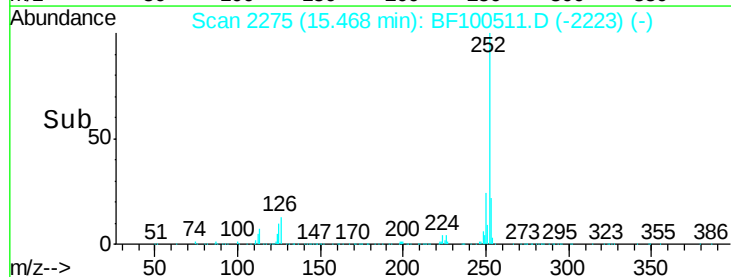
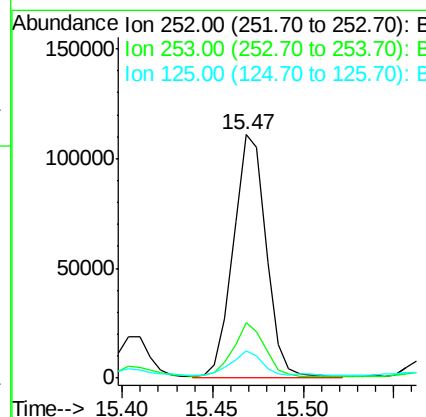
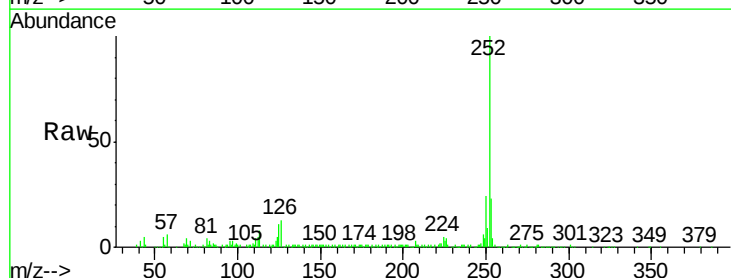
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

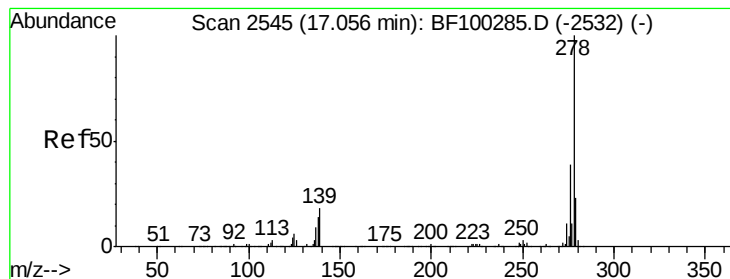
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.8	10.2	15.2



#89
Benzo(a)pyrene
Concen: 20.29 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.4	9.8	14.6

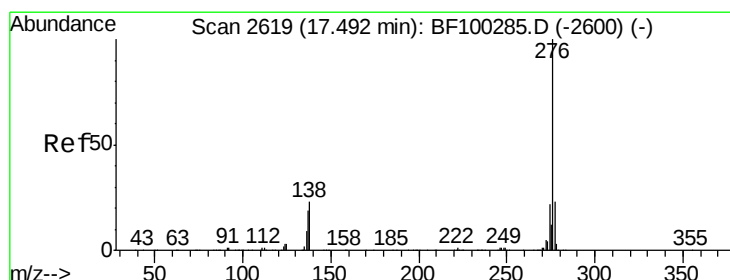
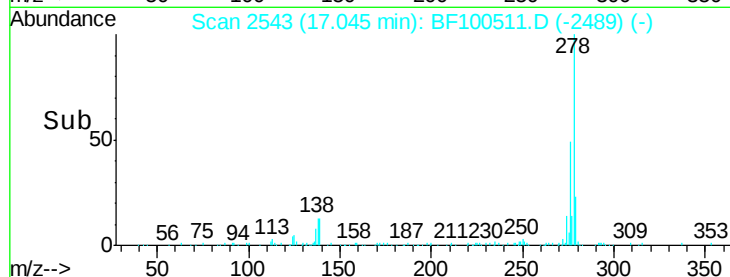
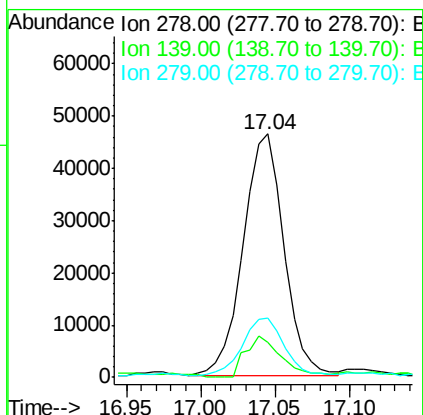
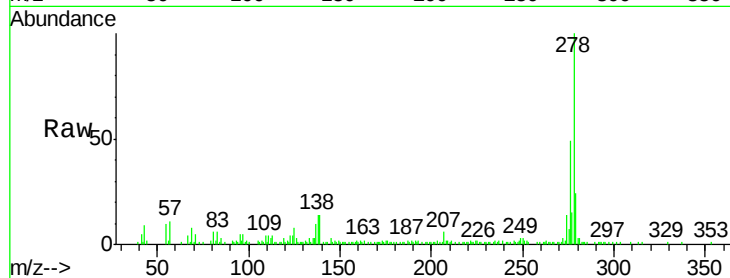




#90
Dibenzo(a,h)anthracene
Concen: 15.50 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.02 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	15.9	23.9#
279	24.3	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 18.97 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.02 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	21.3	21.8	32.8#

