

Data File : BF100684.D
Acq On : 17 Nov 2017 20:10
Operator : SJ/JU
Sample : I6289-05MSD 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Quant Time: Nov 17 22:23:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93693	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	377493	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175002	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	292666	20.00	ng	0.00
75) Chrysene-d12	14.04	240	215126	20.00	ng	0.00
86) Perylene-d12	15.52	264	224772	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	130985	22.41	ng	0.00
7) Phenol-d6	6.50	99	157021	21.79	ng	-0.01
23) Nitrobenzene-d5	7.44	82	91845	16.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	39053	21.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	208685	18.16	ng	0.00
78) Terphenyl-d14	12.98	244	148273	15.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	16202	5.69	ng	# 94
3) Pyridine	3.48	79	42967	5.53	ng	97
4) n-Nitrosodimethylamine	3.39	42	22196	5.88	ng	97
6) Aniline	6.54	93	30231	2.97	ng	99
8) 2-Chlorophenol	6.66	128	50801	8.22	ng	93
9) Benzaldehyde	6.43	77	18493	3.59	ng	89
10) Phenol	6.51	94	67877	8.97	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	45380	7.14	ng	99
12) 1,3-Dichlorobenzene	6.82	146	55225	7.75	ng	96
13) 1,4-Dichlorobenzene	6.90	146	56988	7.90	ng	95
14) 1,2-Dichlorobenzene	7.05	146	54398	8.15	ng	97
15) Benzyl Alcohol	7.02	79	41242	7.33	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	77557	7.63	ng	98
17) 2-Methylphenol	7.12	107	40187	7.61	ng	97
18) Hexachloroethane	7.39	117	17862	7.51	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	34045	6.81	ng	96
20) 3+4-Methylphenols	7.27	107	55395	8.28	ng	97
22) Acetophenone	7.29	105	70007	7.61	ng	# 99
24) Nitrobenzene	7.46	77	50183	8.54	ng	98
25) Isophorone	7.69	82	89199	7.43	ng	98
26) 2-Nitrophenol	7.77	139	26557	13.94	ng	94
27) 2,4-Dimethylphenol	7.80	122	44633	8.30	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	57612	7.34	ng	98
29) 2,4-Dichlorophenol	8.02	162	43516	8.47	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	46078	8.30	ng	97
31) Naphthalene	8.19	128	150739	8.29	ng	98
32) Benzoic acid	7.88	122	2101	9.78	ng	92
33) 4-Chloroaniline	8.23	127	31007	4.10	ng	98
34) Hexachlorobutadiene	8.30	225	25497	7.72	ng	94
35) Caprolactam	8.56	113	11931	6.77	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	42669	7.74	ng	94
37) 2-Methylnaphthalene	8.87	142	103017	8.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	46768	8.06	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	9244	3.38	ng	96

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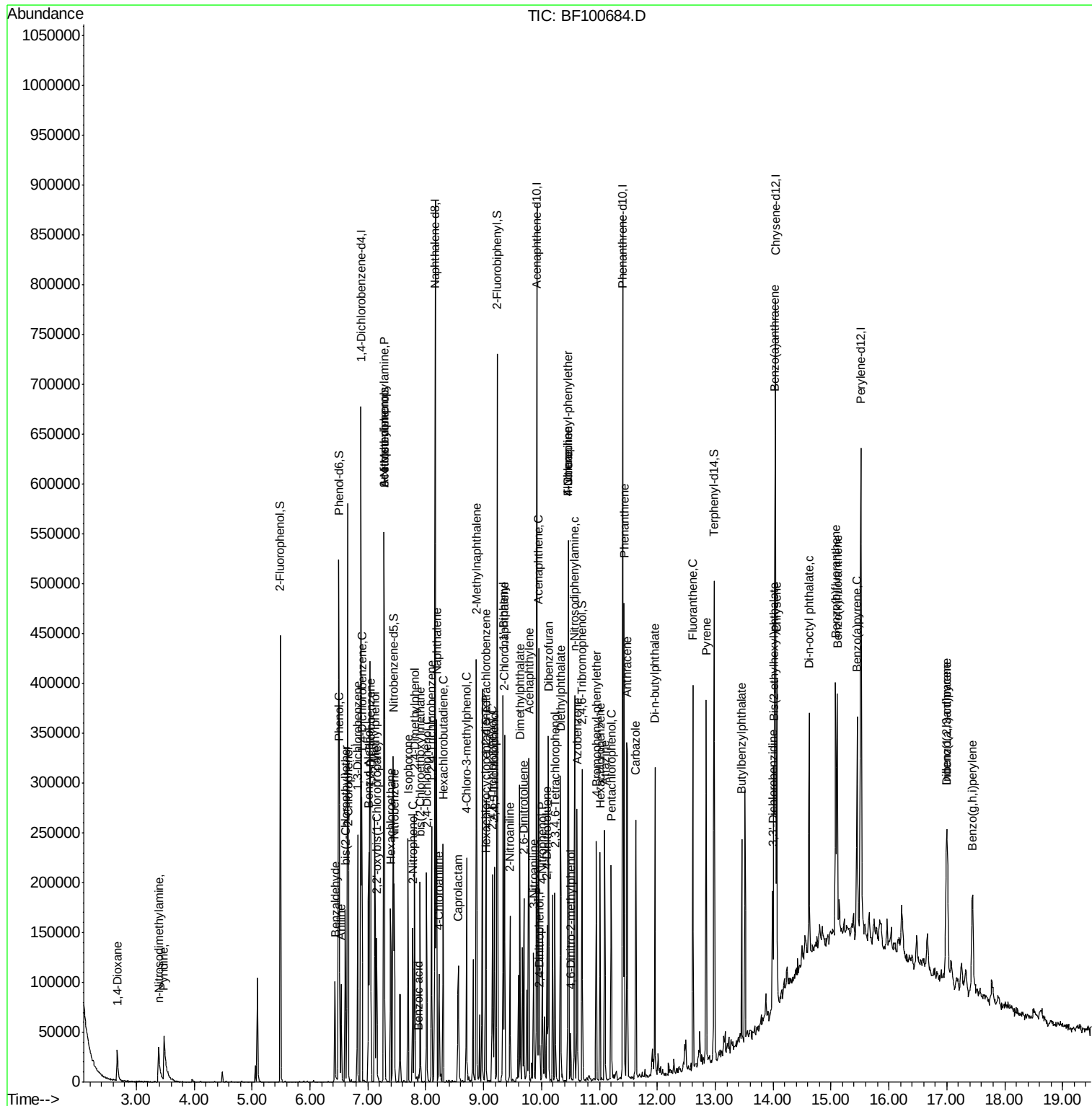
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	30709	8.35	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	31935	8.38	ng	93
45) 1,1'-Biphenyl	9.33	154	122832	8.12	ng	97
46) 2-Chloronaphthalene	9.36	162	94383	8.60	ng	95
47) 2-Nitroaniline	9.46	65	25659	10.23	ng	89
48) Acenaphthylene	9.78	152	143479	7.88	ng	99
49) Dimethylphthalate	9.63	163	113521	8.50	ng	100
50) 2,6-Dinitrotoluene	9.69	165	21513	8.13	ng	99
51) Acenaphthene	9.95	154	91243	8.24	ng	97
52) 3-Nitroaniline	9.86	138	17774	5.69	ng	99
53) 2,4-Dinitrophenol	9.97	184	6781	15.54	ng	# 12
54) Dibenzofuran	10.12	168	131159	8.46	ng	95
55) 4-Nitrophenol	10.02	139	30406	11.99	ng	85
56) 2,4-Dinitrotoluene	10.10	165	28323	8.49	ng	# 83
57) Fluorene	10.46	166	100119	8.81	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	23289	7.46	ng	# 85
59) Diethylphthalate	10.33	149	100792	7.54	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	47004	8.43	ng	88
61) 4-Nitroaniline	10.47	138	20226	6.83	ng	84
62) Azobenzene	10.62	77	90082	7.15	ng	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	6564	12.22	ng	84
65) n-Nitrosodiphenylamine	10.57	169	87921	8.64	ng	95
66) 4-Bromophenyl-phenylether	10.95	248	27595	8.80	ng	# 86
67) Hexachlorobenzene	11.01	284	28443	8.67	ng	# 85
68) Atrazine	11.09	200	25644	8.32	ng	96
69) Pentachlorophenol	11.20	266	23830	10.13	ng	96
70) Phenanthrene	11.43	178	163215	10.59	ng	97
71) Anthracene	11.48	178	140488	8.99	ng	98
72) Carbazole	11.63	167	109775	7.61	ng	96
73) Di-n-butylphthalate	11.96	149	138103	8.18	ng	98
74) Fluoranthene	12.62	202	149317	9.14	ng	94
77) Pyrene	12.84	202	142669	9.30	ng	99
79) Butylbenzylphthalate	13.46	149	45217	7.23	ng	89
80) Benzo(a)anthracene	14.03	228	118646	9.16	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	27396	5.90	ng	# 97
82) Chrysene	14.06	228	116443	9.28	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	62543	7.60	ng	100
84) Di-n-octyl phthalate	14.62	149	109992	7.78	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.00	276	95196	9.38	ng	92
87) Benzo(b)fluoranthene	15.08	252	114407	8.59	ng	98
88) Benzo(k)fluoranthene	15.11	252	106941	8.50	ng	98
89) Benzo(a)pyrene	15.45	252	107923	9.14	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	78058	8.08	ng	97
91) Benzo(g,h,i)perylene	17.44	276	76790	8.13	ng	92

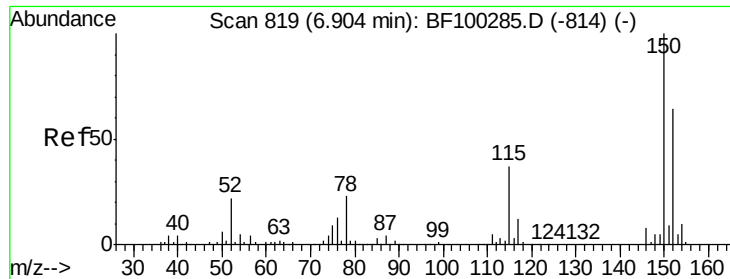
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

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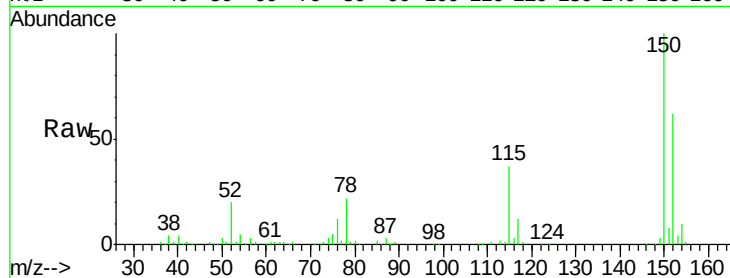
Tgt Ion:152 Resp: 93693

Ion Ratio Lower Upper

152 100

150 161.4 124.6 186.8

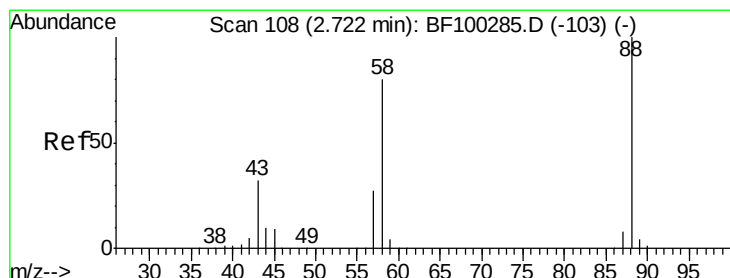
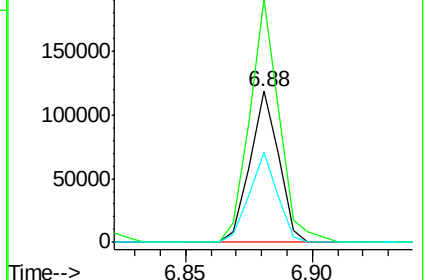
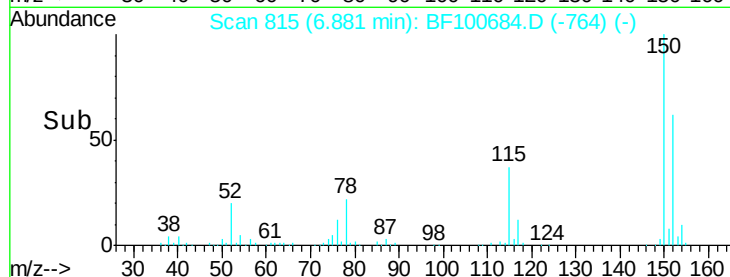
115 59.7 50.1 75.1



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: 5.69 ng

RT: 2.68 min Scan# 100

Delta R.T. -0.00 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

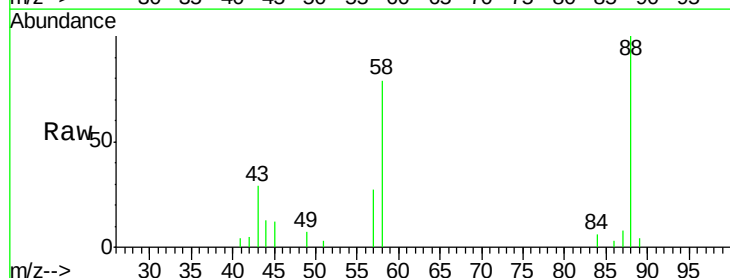
Tgt Ion: 88 Resp: 16202

Ion Ratio Lower Upper

88 100

58 80.6 62.6 93.8

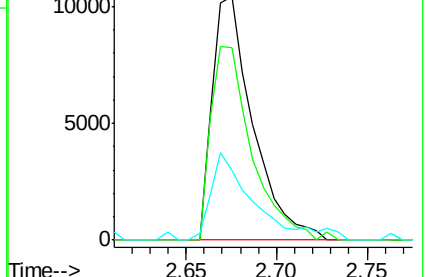
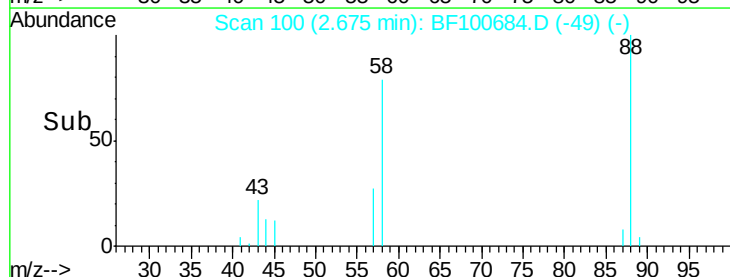
43 38.5 24.6 37.0#

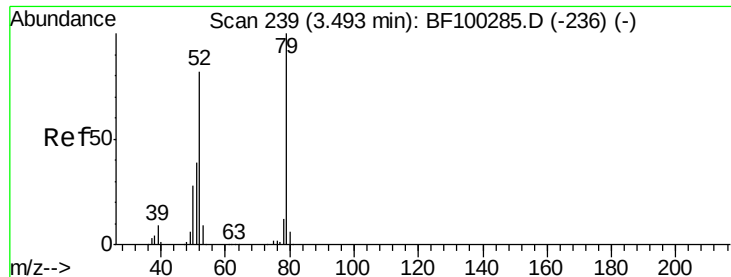


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 5.53 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.03 min

Lab File: BF100684.D

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Instrument :

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SU-01-111417MSD

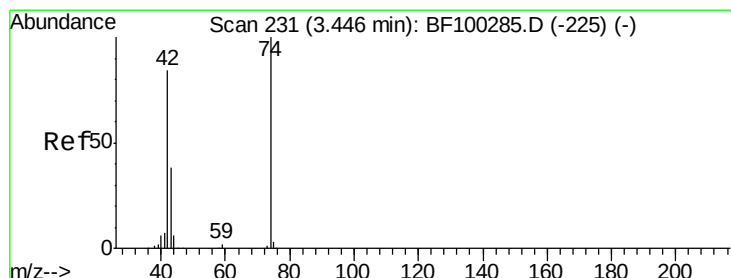
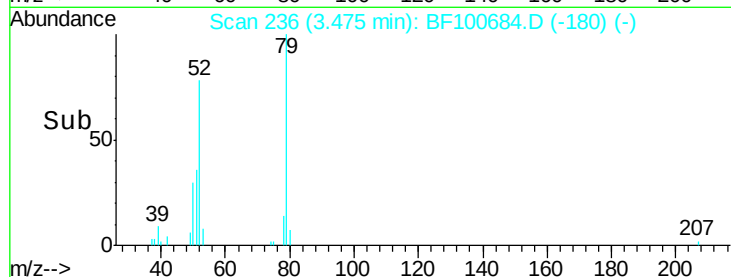
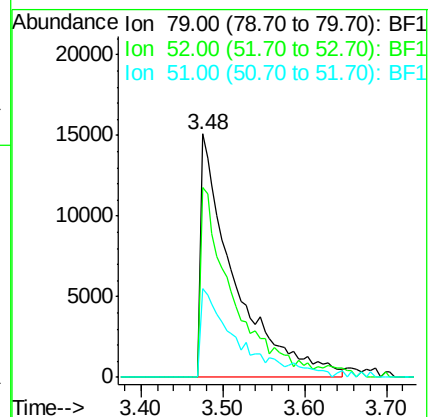
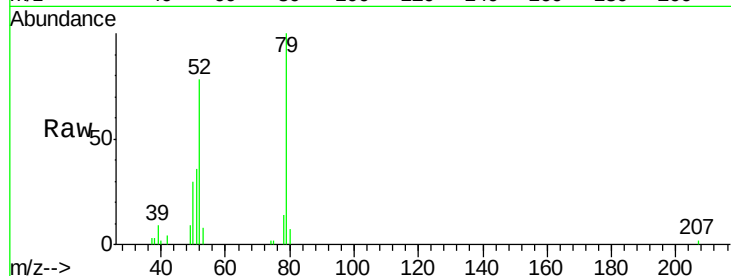
Tgt Ion: 79 Resp: 42967

Ion Ratio Lower Upper

79 100

52 77.9 59.8 89.6

51 36.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 5.88 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.02 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

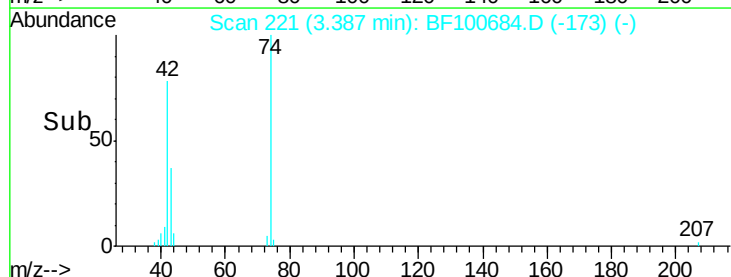
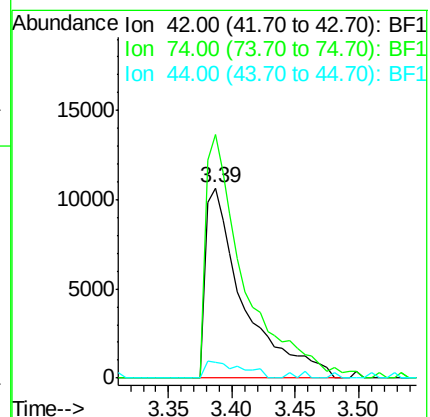
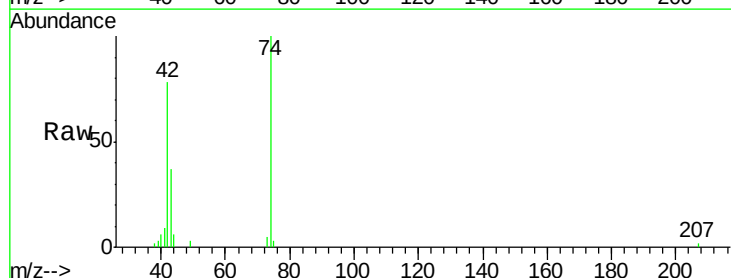
Tgt Ion: 42 Resp: 22196

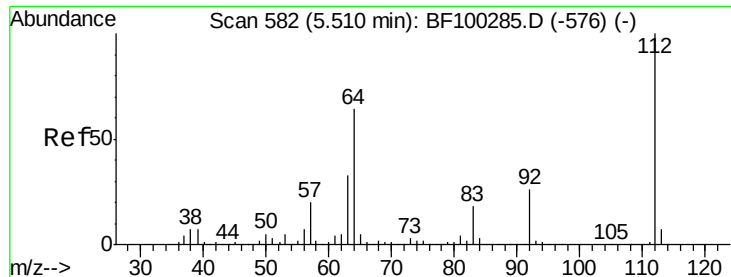
Ion Ratio Lower Upper

42 100

74 128.0 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 22.41 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

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ClientSampleId :

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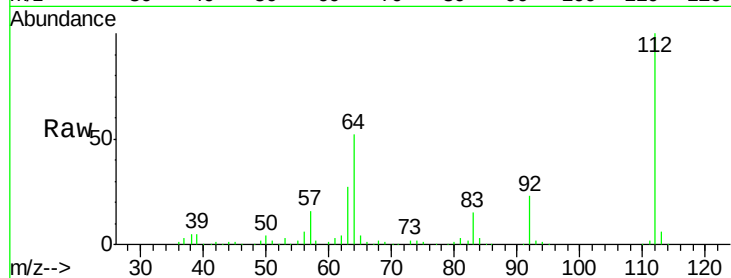
Tgt Ion: 112 Resp: 130985

Ion Ratio Lower Upper

112 100

64 52.4 47.9 71.9

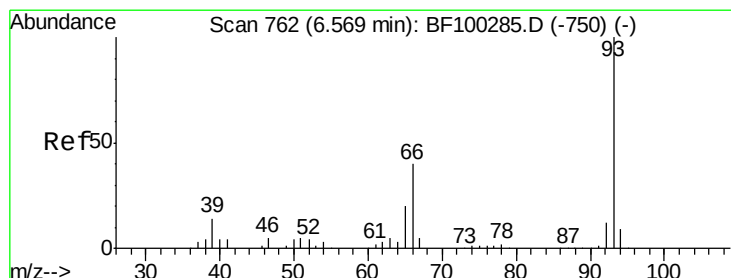
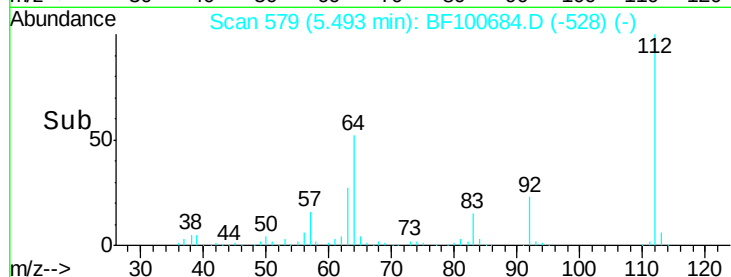
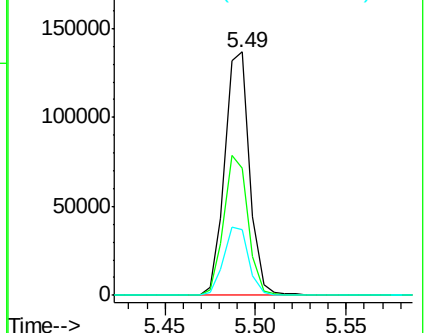
63 26.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.97 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

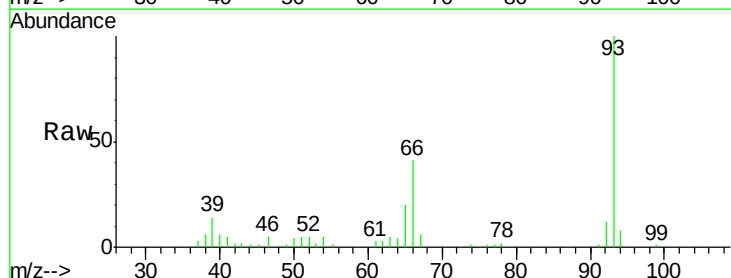
Tgt Ion: 93 Resp: 30231

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

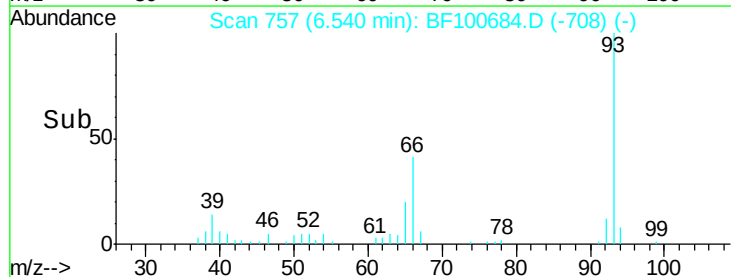
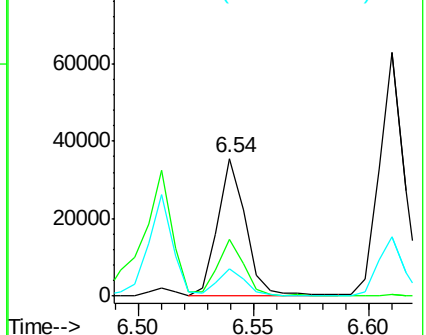
65 20.0 16.4 24.6

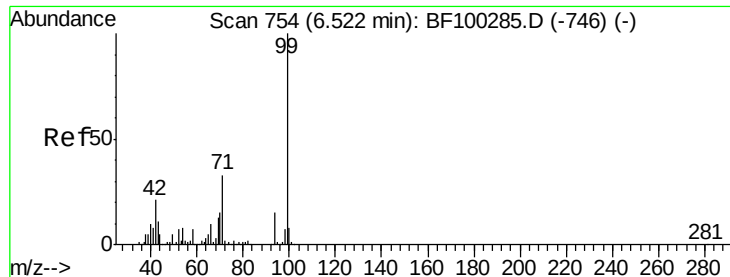


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.79 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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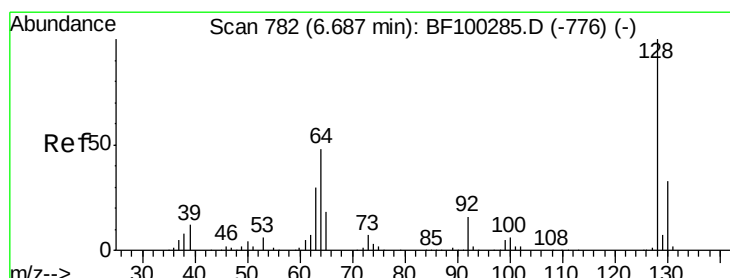
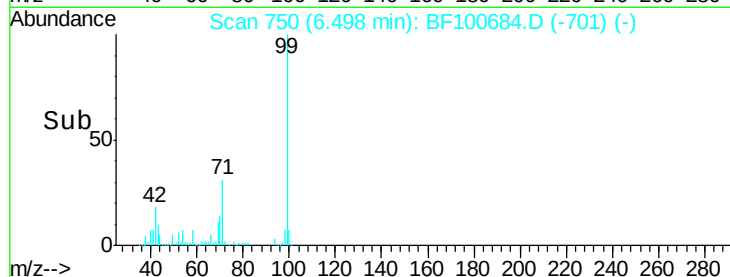
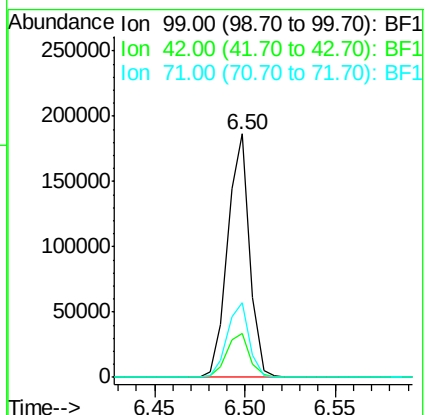
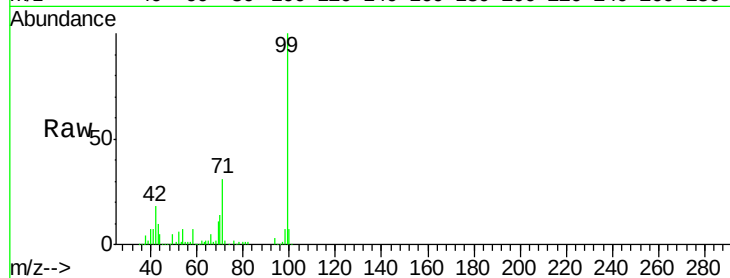
Tgt Ion: 99 Resp: 157021

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.9 25.4 38.0



#8

2-Chlorophenol

Concen: 8.22 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

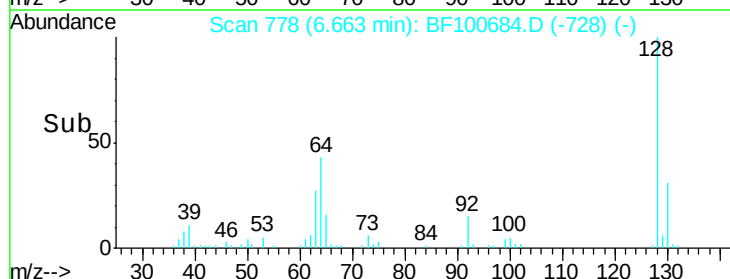
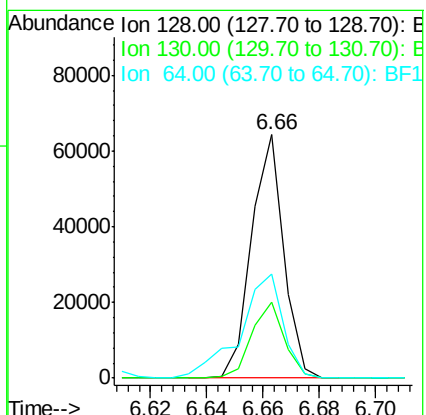
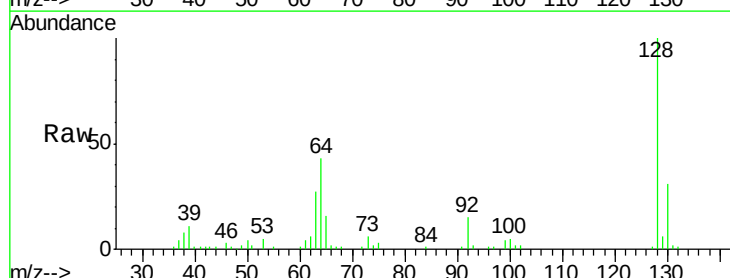
Tgt Ion: 128 Resp: 50801

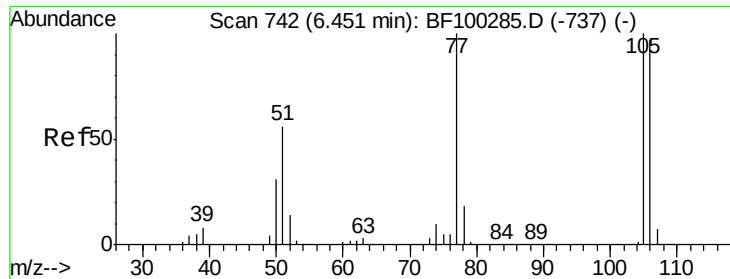
Ion Ratio Lower Upper

128 100

130 31.2 13.0 53.0

64 42.9 29.4 69.4





#9

Benzaldehyde

Concen: 3.59 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100684.D

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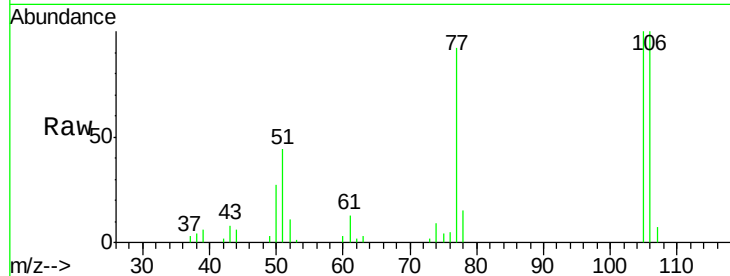
Tgt Ion: 77 Resp: 18493

Ion Ratio Lower Upper

77 100

105 109.3 81.1 121.1

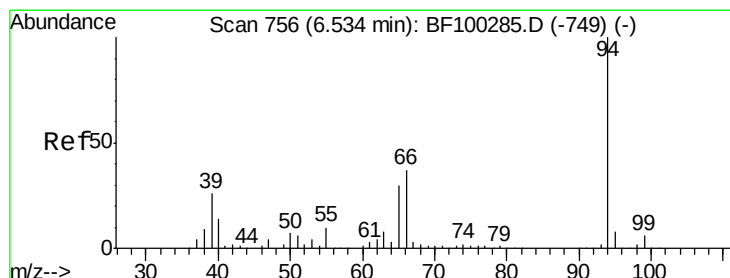
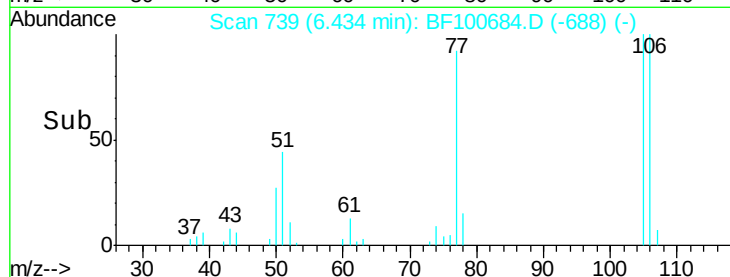
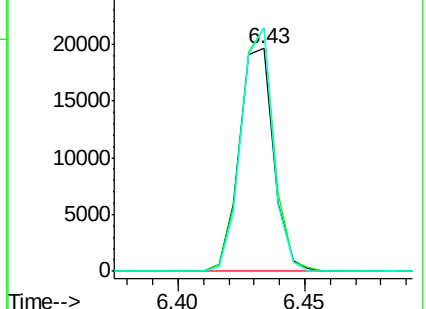
106 109.1 74.5 114.5



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: 8.97 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

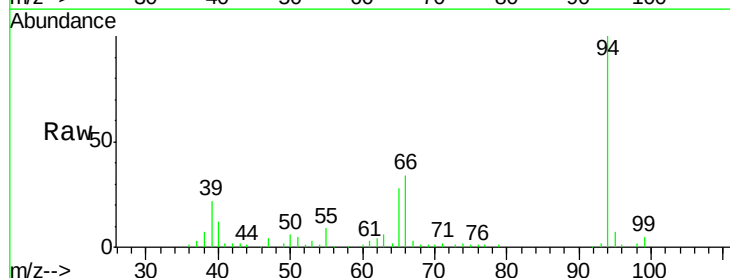
Tgt Ion: 94 Resp: 67877

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

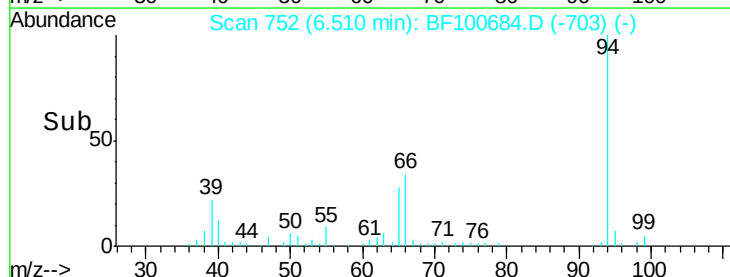
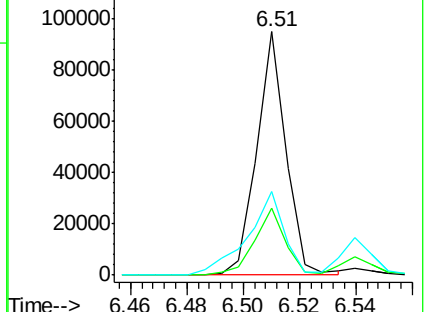
66 34.2 16.2 56.2

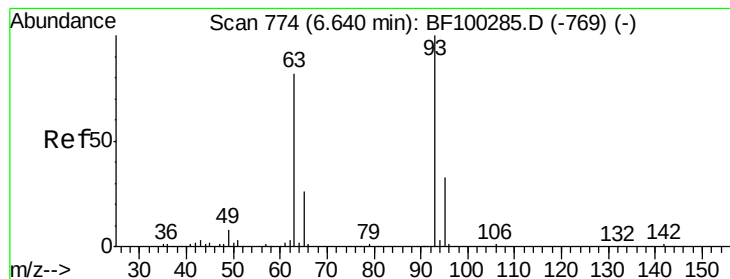


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 7.14 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

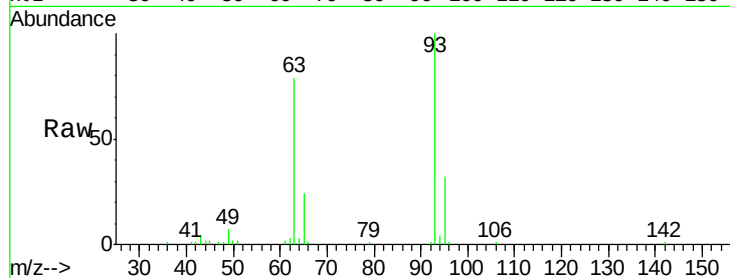
Tgt Ion: 93 Resp: 45380

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

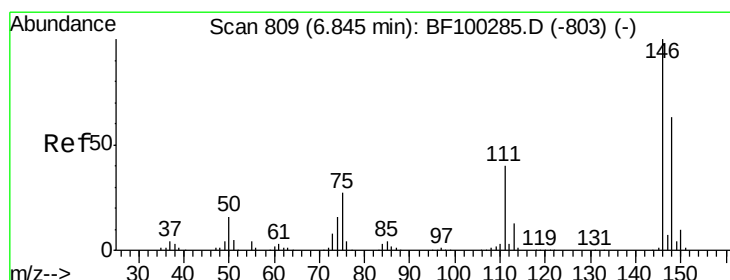
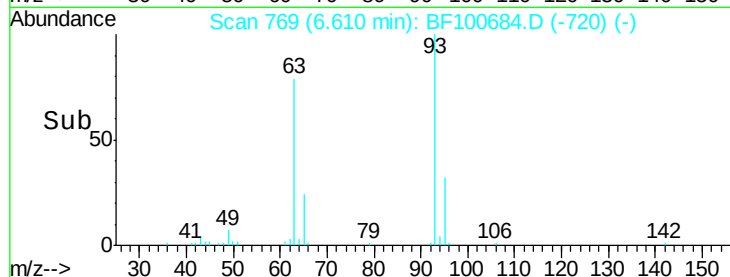
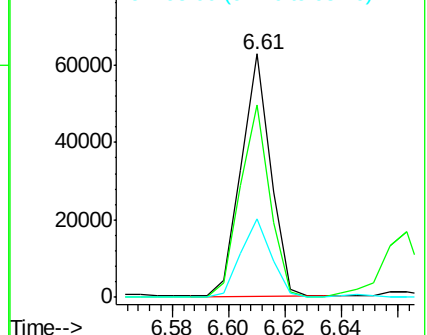
95 32.5 11.8 51.8



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: 7.75 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

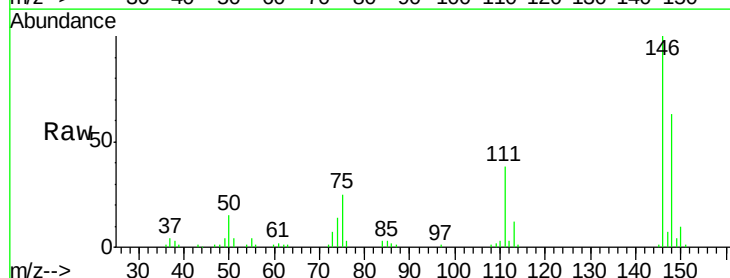
Tgt Ion: 146 Resp: 55225

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

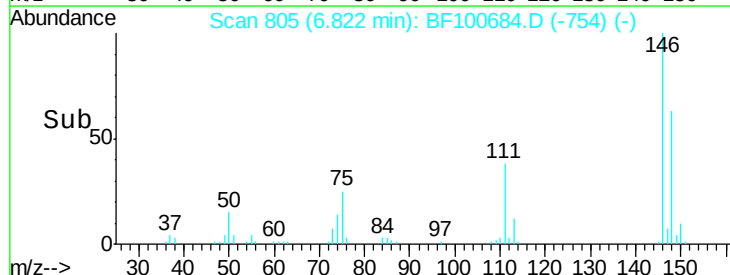
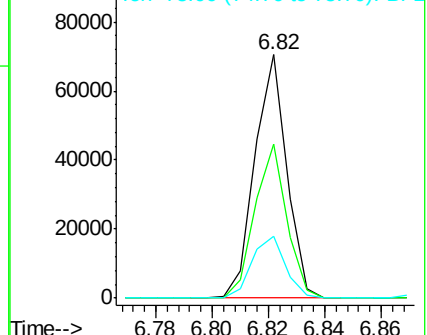
75 25.4 24.2 36.4

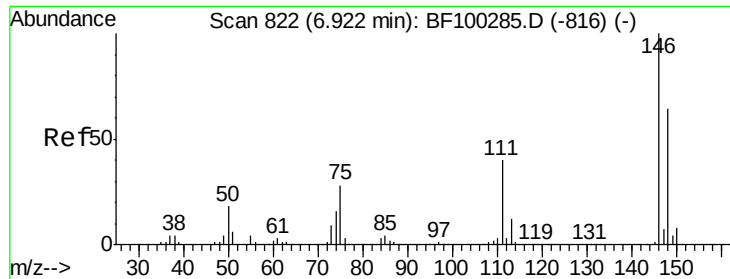


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

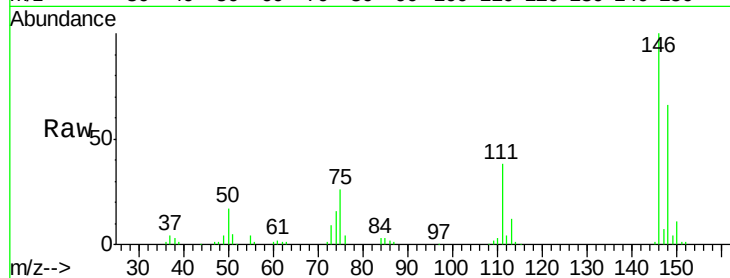




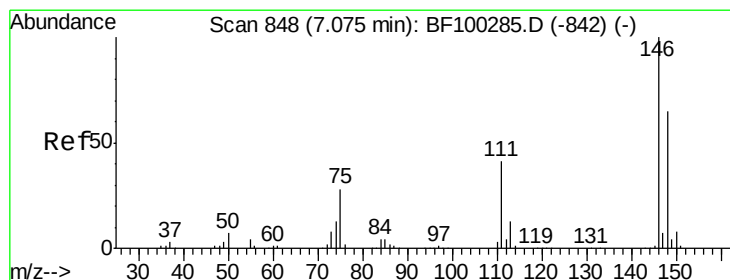
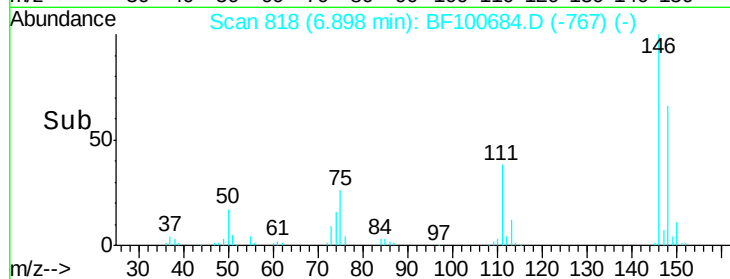
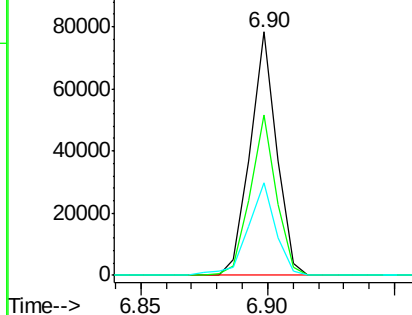
#13
 1,4-Dichlorobenzene
 Concen: 7.90 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion:146 Resp: 56988
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.8 76.2
 111 38.2 34.2 51.2

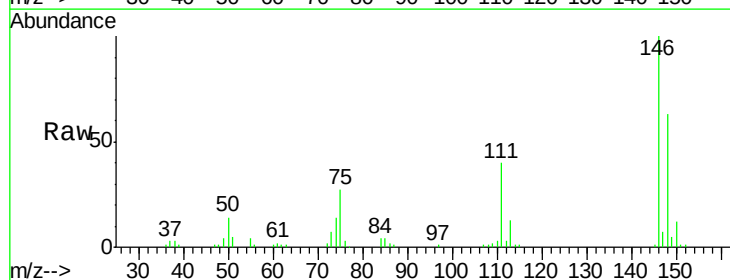


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

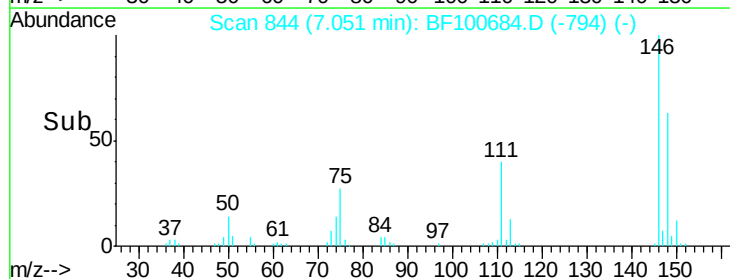
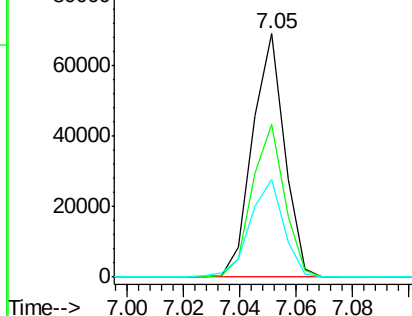


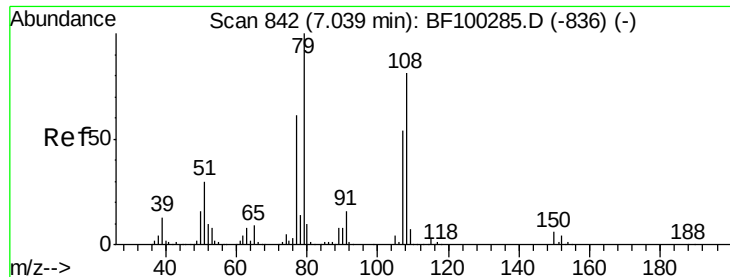
#14
 1,2-Dichlorobenzene
 Concen: 8.15 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:146 Resp: 54398
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 40.0 36.0 54.0



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

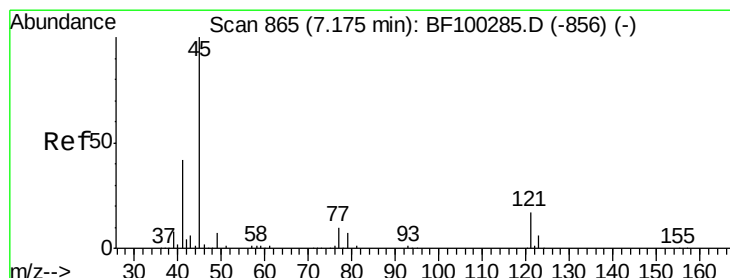
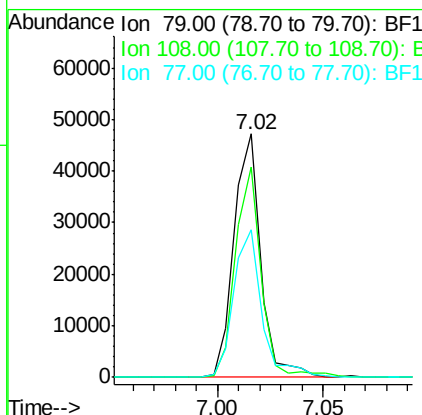
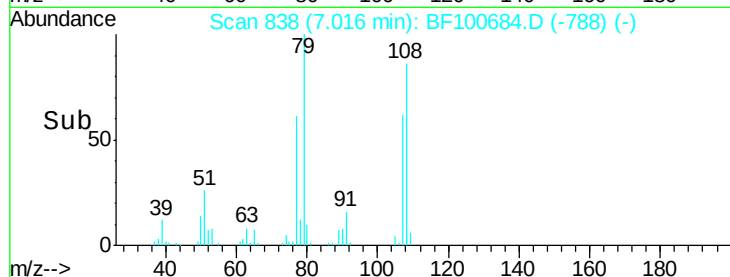
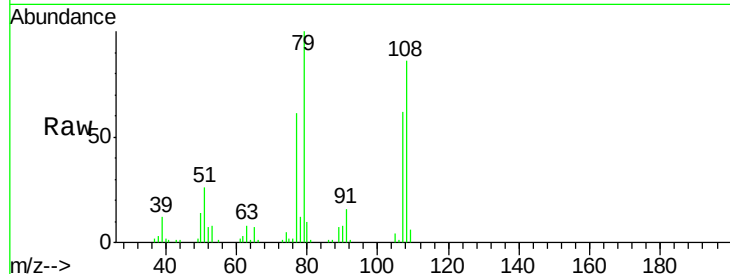




#15
Benzyl Alcohol
Concen: 7.33 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

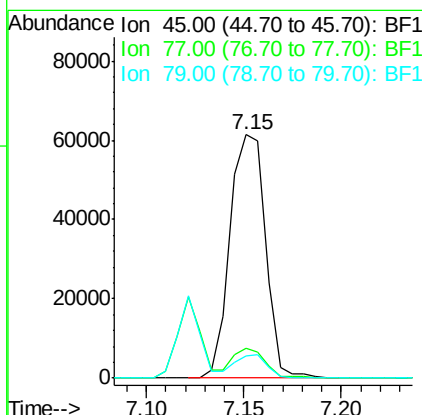
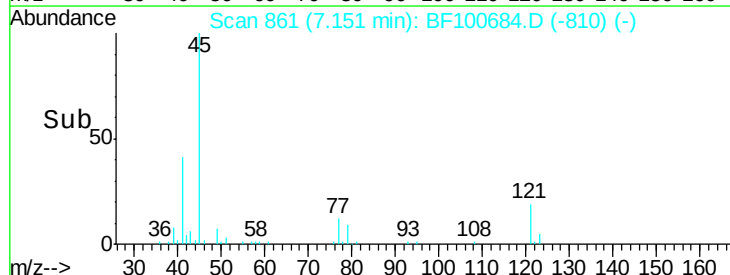
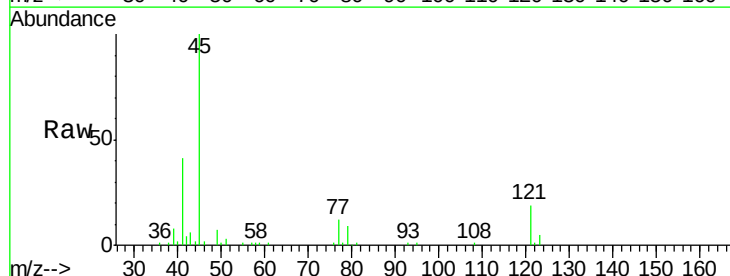
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

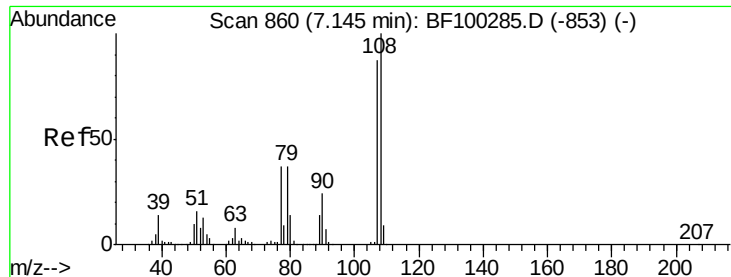
Tgt Ion: 79 Resp: 41242
Ion Ratio Lower Upper
79 100
108 86.5 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 7.63 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion: 45 Resp: 77557
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.9
79 8.9 0.0 29.6

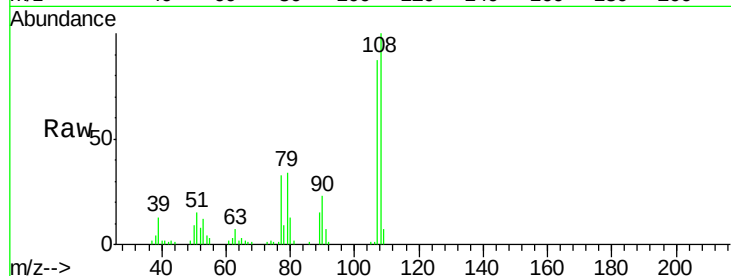




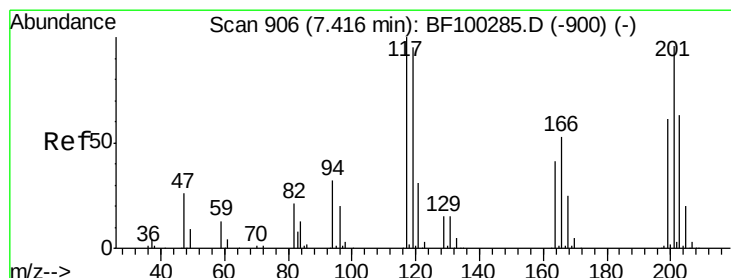
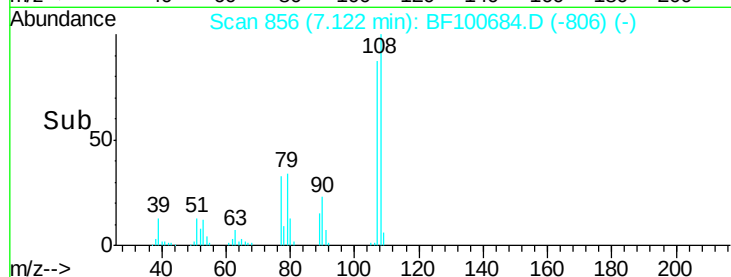
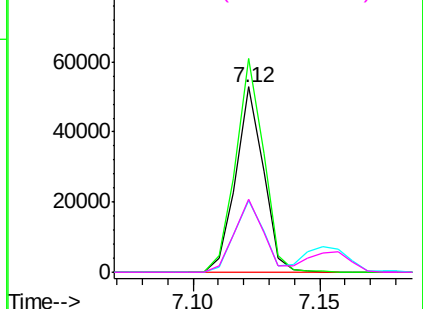
#17
2-Methylphenol
Concen: 7.61 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tgt Ion:	107	Resp:	40187
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	38.5	33.8	50.8
79	39.3	33.8	50.8

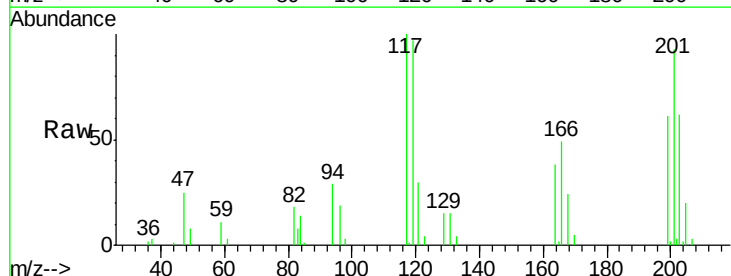


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

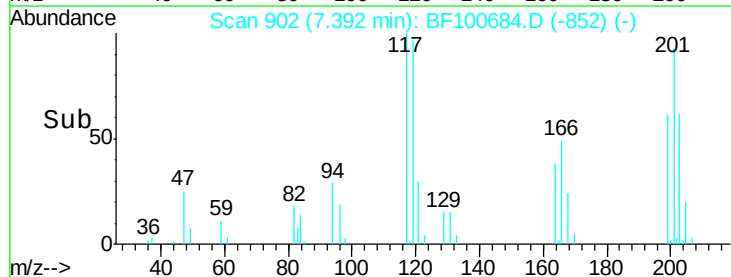
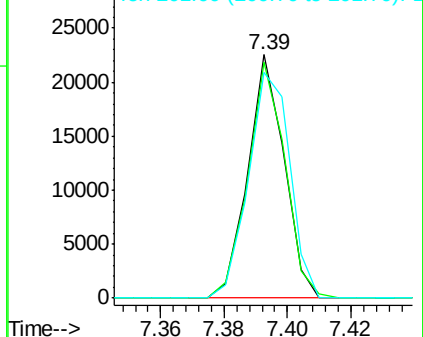


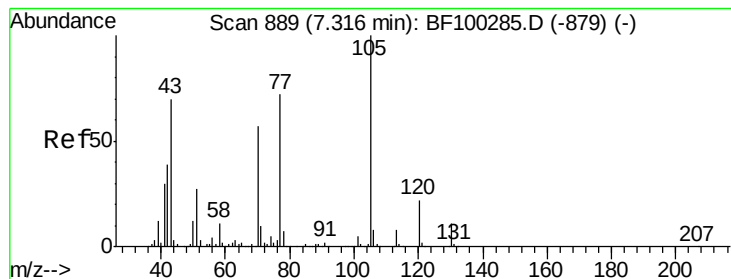
#18
Hexachloroethane
Concen: 7.51 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	117	Resp:	17862
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	92.5	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: 6.81 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

Tgt Ion: 70 Resp: 34045

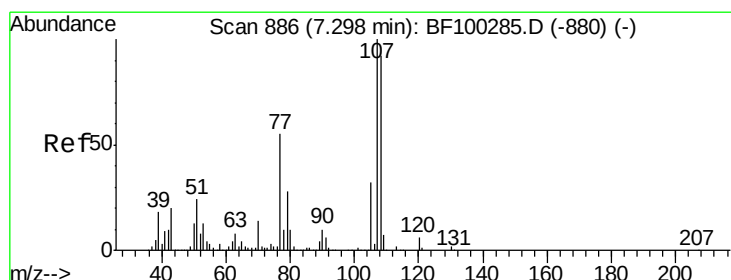
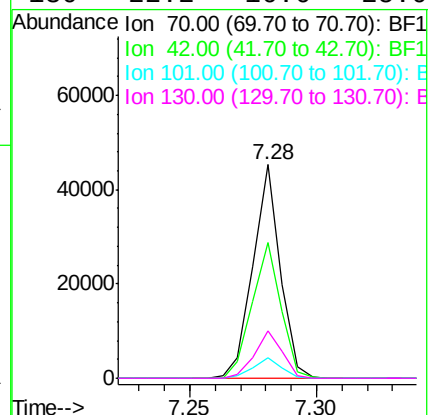
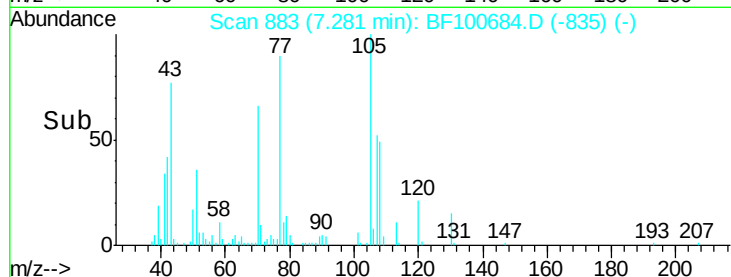
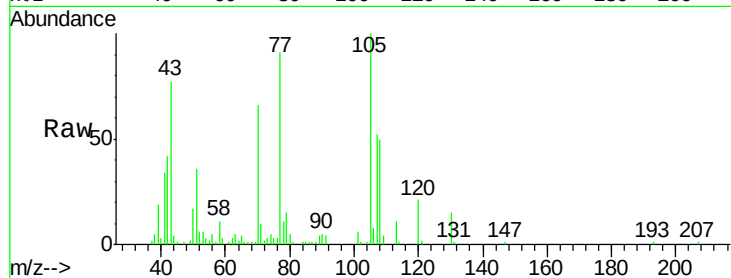
Ion Ratio Lower Upper

70 100

42 63.4 47.5 71.3

101 9.4 7.4 11.2

130 22.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 8.28 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion: 107 Resp: 55395

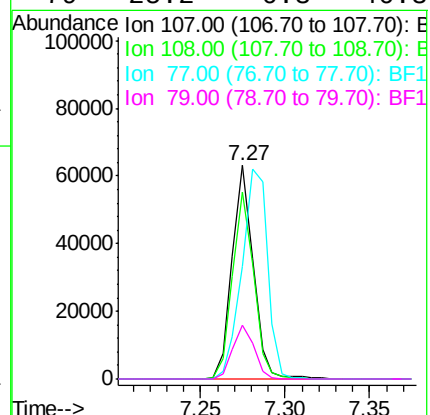
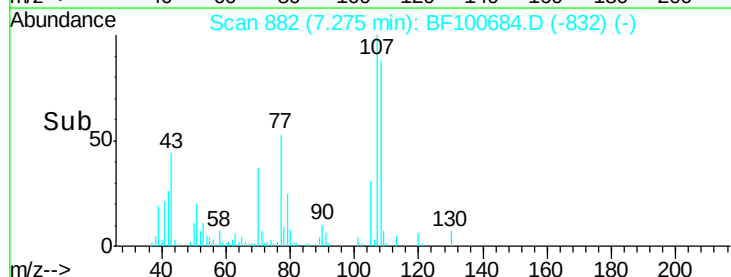
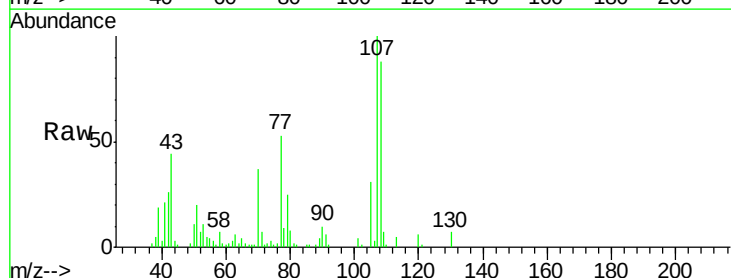
Ion Ratio Lower Upper

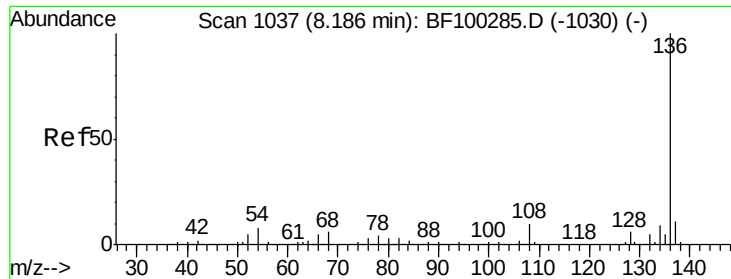
107 100

108 87.7 68.2 108.2

77 52.6 26.7 66.7

79 25.2 6.3 46.3

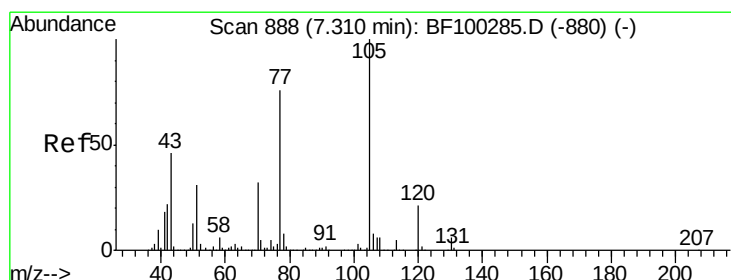
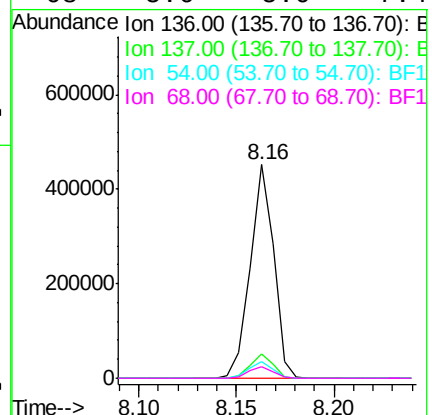
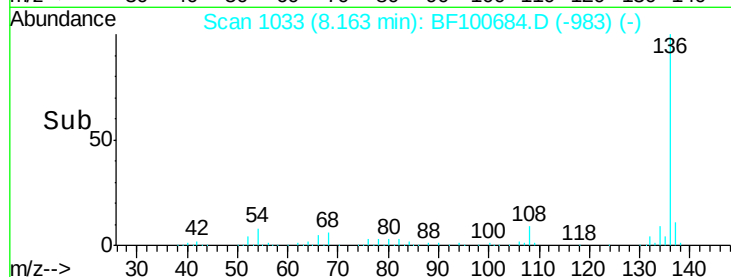
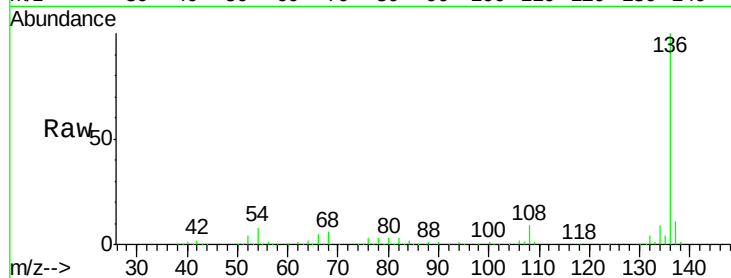




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

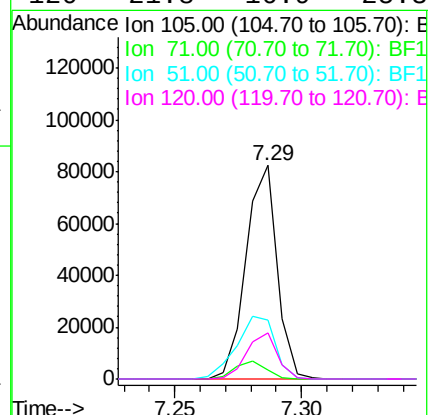
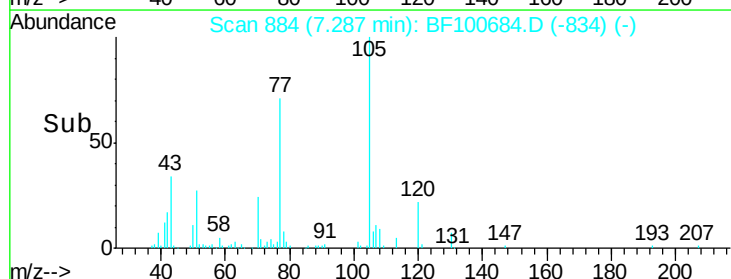
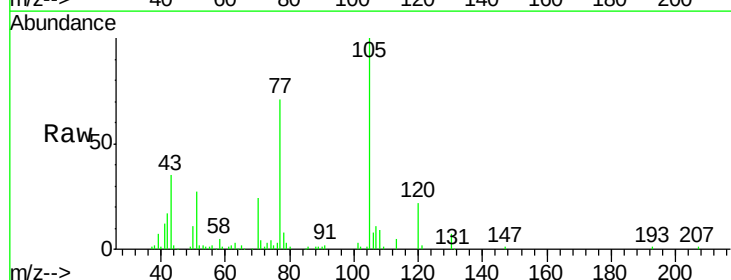
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

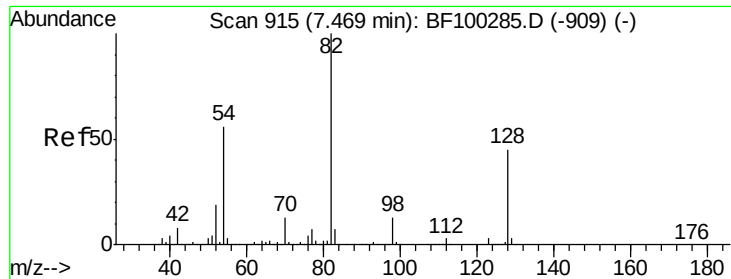
Tgt Ion:	136	Resp:	377493
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 7.61 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	105	Resp:	70007
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	27.4	22.3	33.5
120	21.8	16.9	25.3

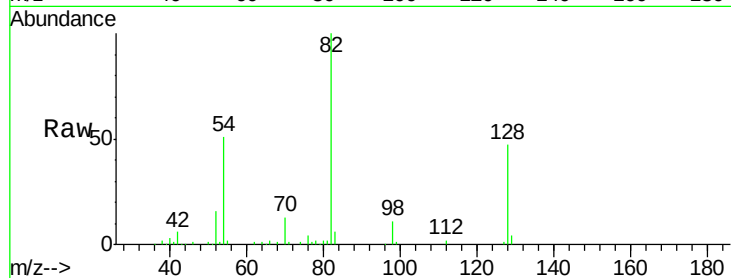




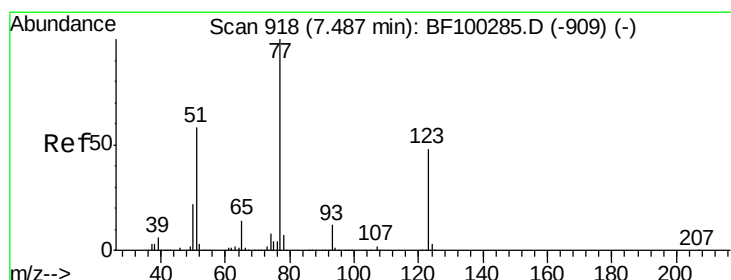
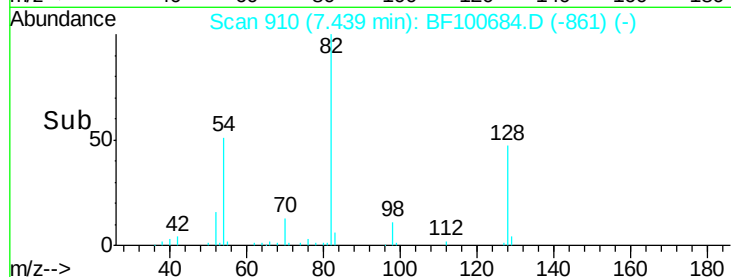
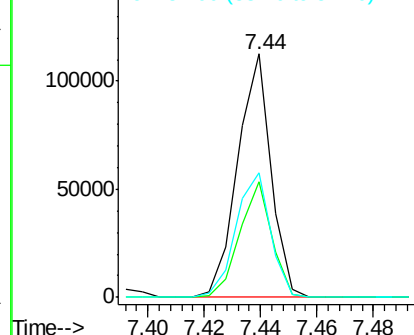
#23
 Nitrobenzene-d5
 Concen: 16.09 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	51.3	41.4	62.2

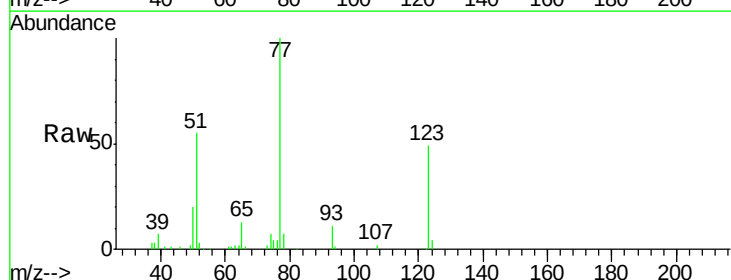


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

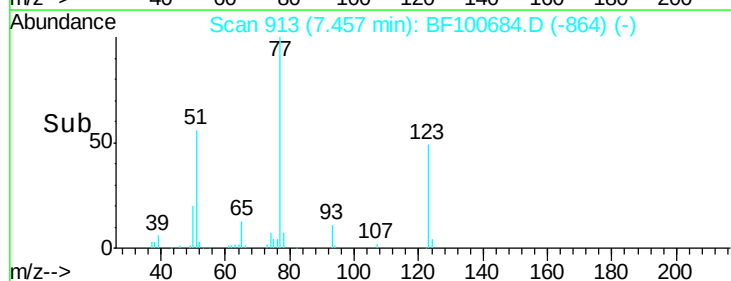
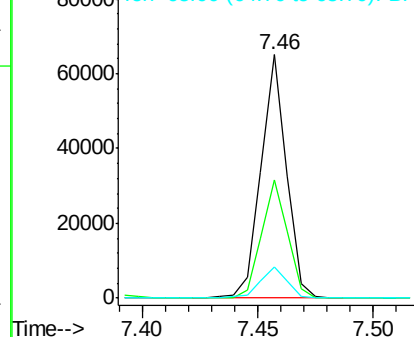


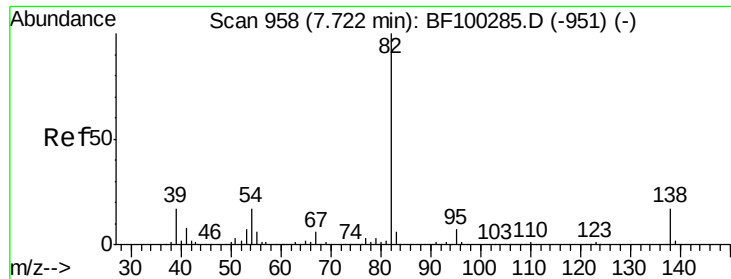
#24
 Nitrobenzene
 Concen: 8.54 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	12.7	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 7.43 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

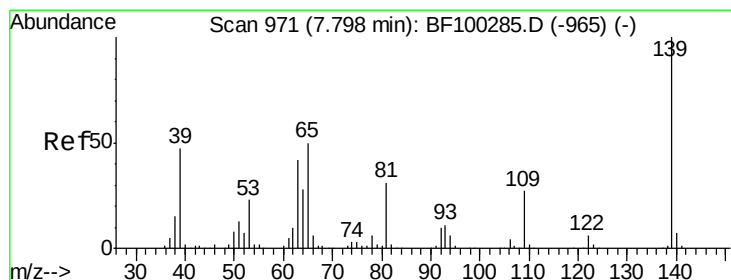
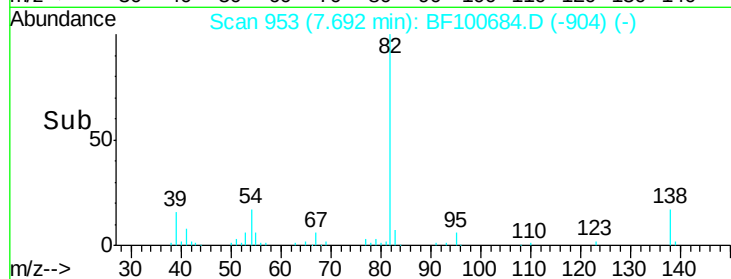
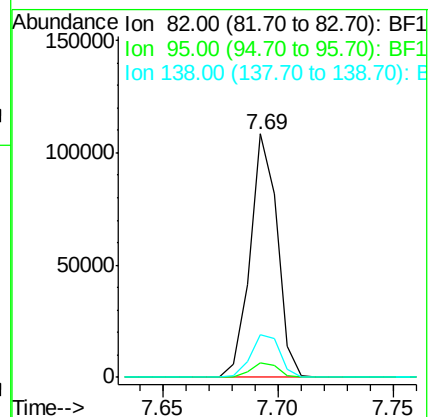
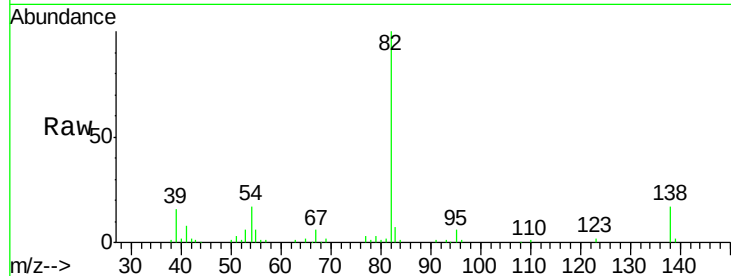
Tgt Ion: 82 Resp: 89199

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 13.94 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

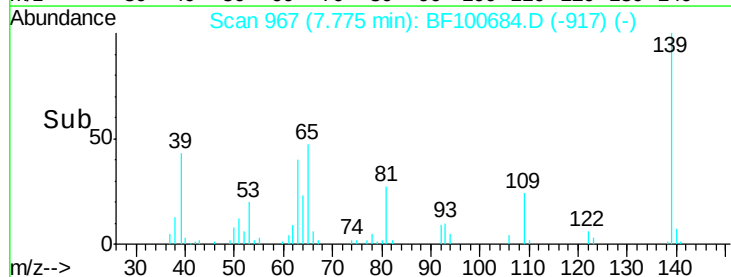
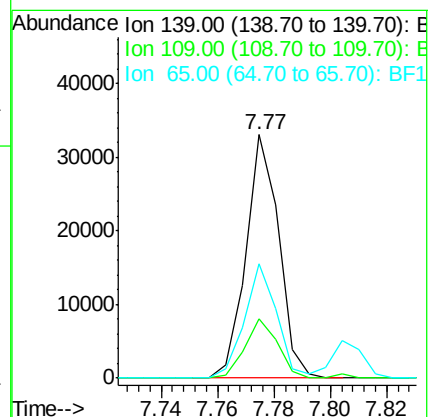
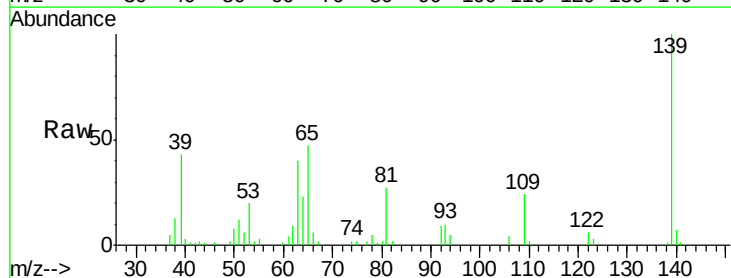
Tgt Ion: 139 Resp: 26557

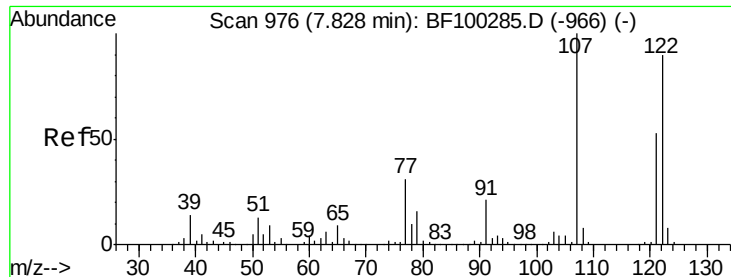
Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

65 47.1 40.5 60.7

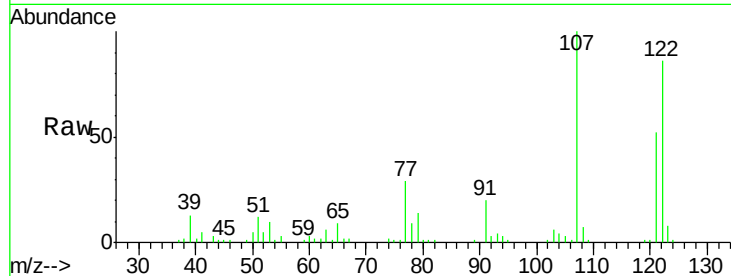




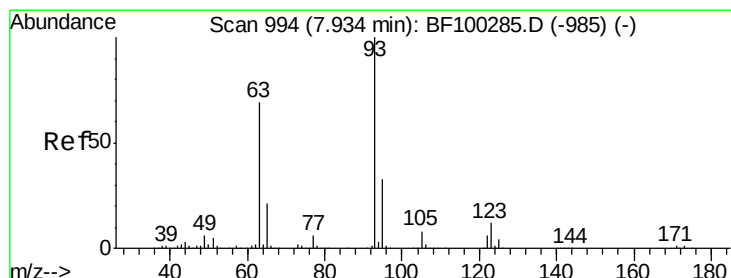
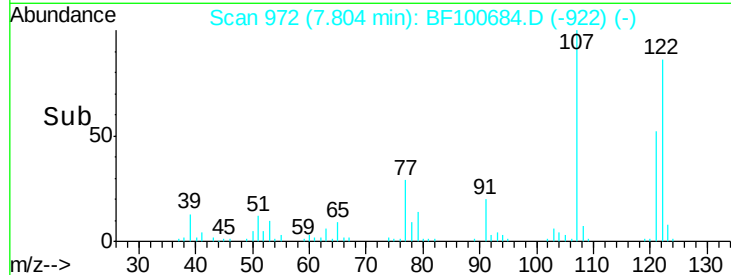
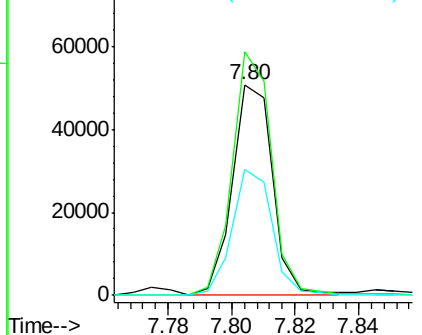
#27
 2,4-Dimethylphenol
 Concen: 8.30 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion:122 Resp: 44633
 Ion Ratio Lower Upper
 122 100
 107 115.6 91.2 136.8
 121 59.7 47.2 70.8

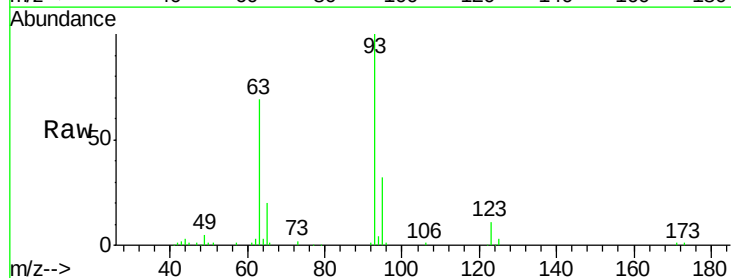


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

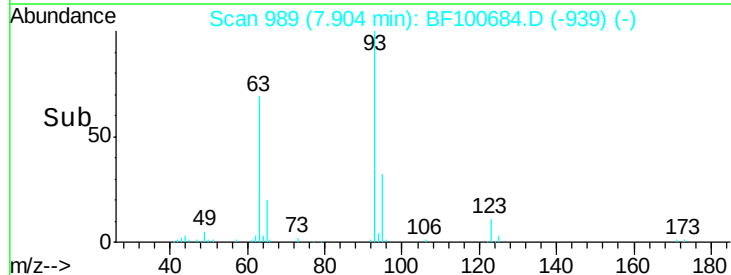
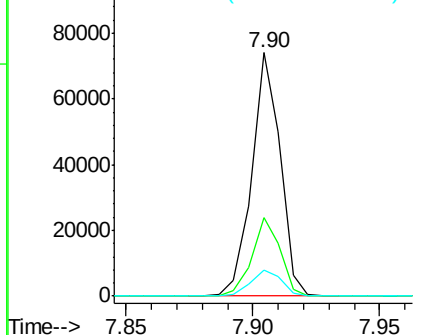


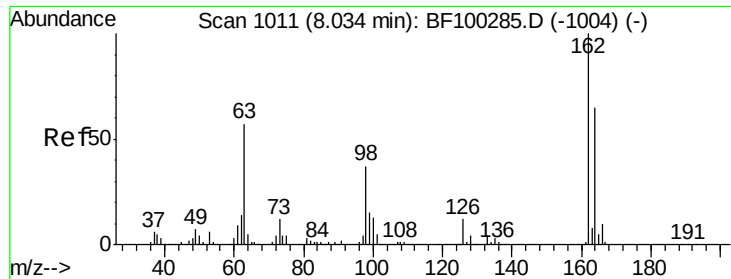
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.34 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion: 93 Resp: 57612
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.8 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

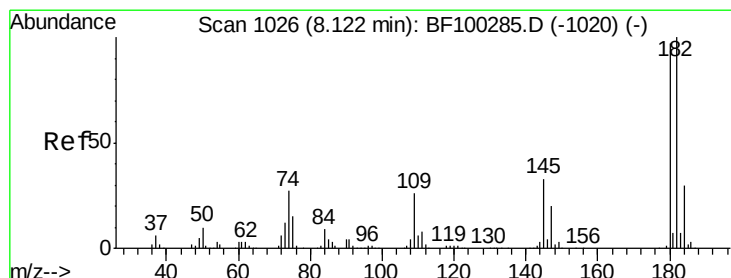
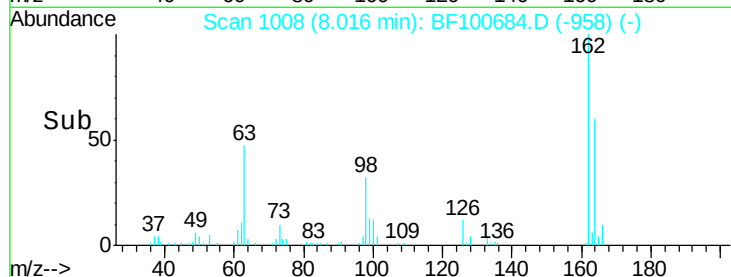
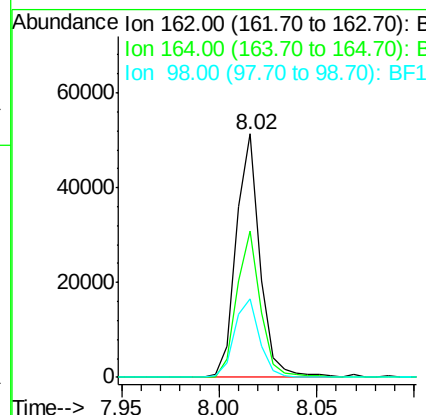
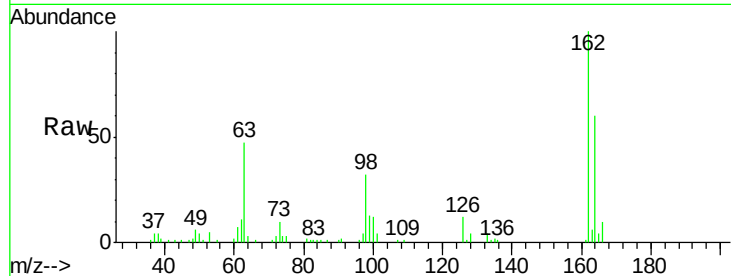




#29
 2,4-Dichlorophenol
 Concen: 8.47 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

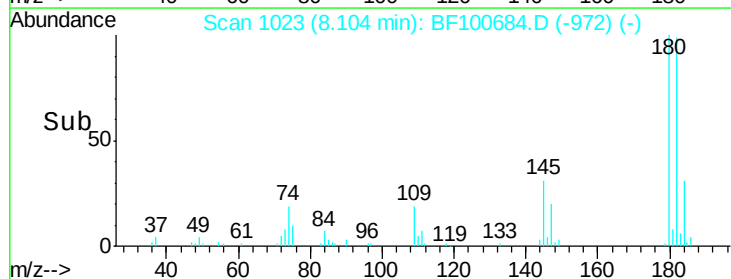
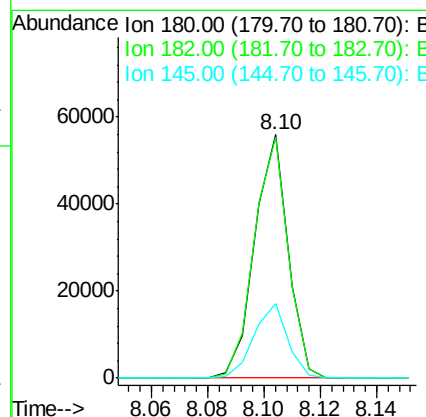
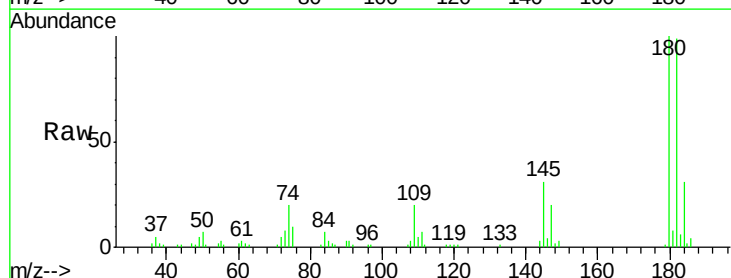
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

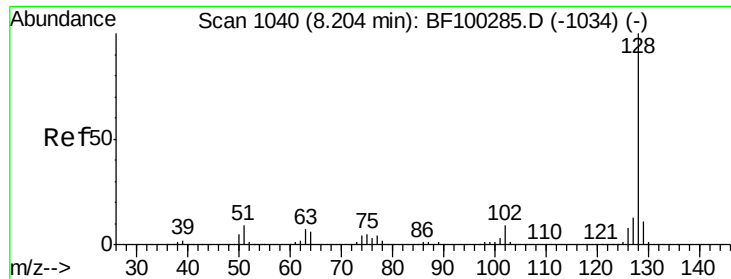
Tgt Ion:162 Resp: 43516
 Ion Ratio Lower Upper
 162 100
 164 59.8 42.7 82.7
 98 32.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 8.30 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:180 Resp: 46078
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.8 115.2
 145 30.8 26.5 39.7

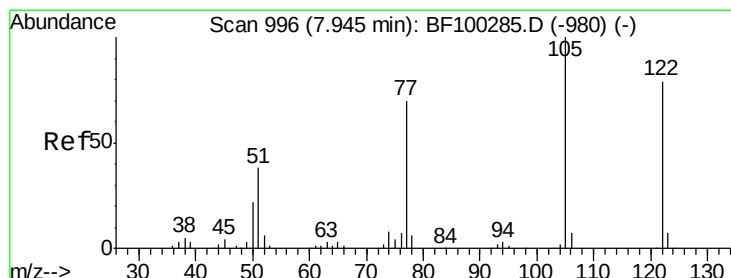
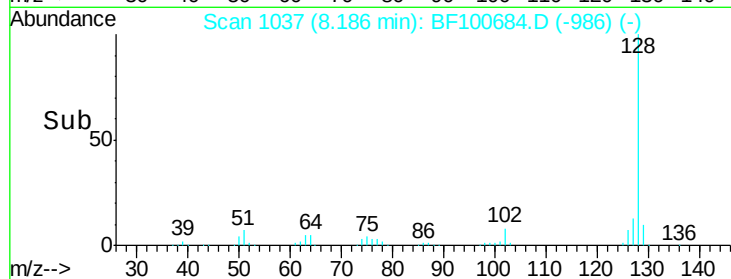
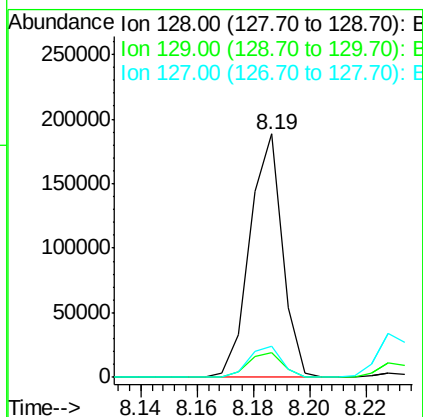
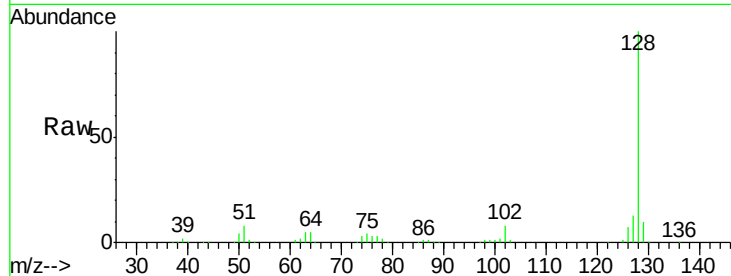




#31
Naphthalene
Concen: 8.29 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

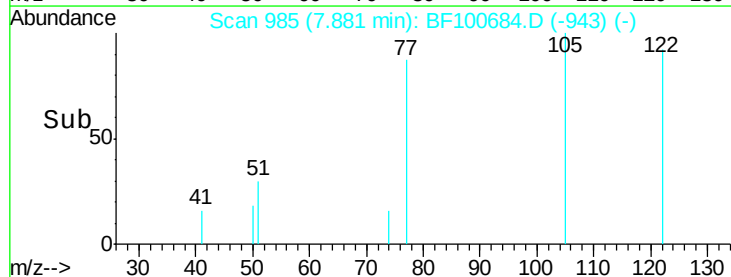
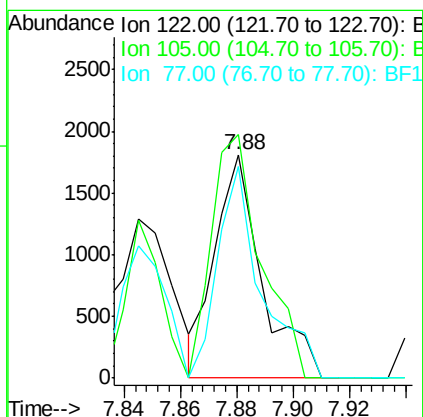
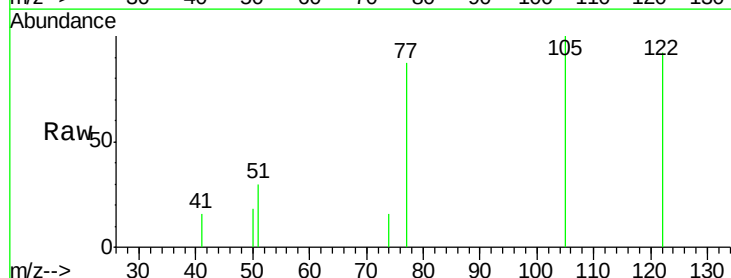
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

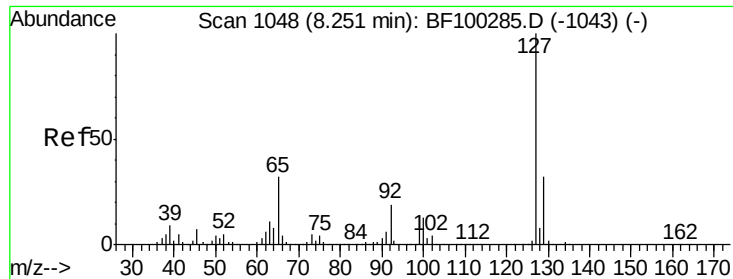
Tgt Ion:128 Resp: 150739
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 9.78 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:122 Resp: 2101
Ion Ratio Lower Upper
122 100
105 109.1 101.1 141.1
77 94.5 70.7 110.7

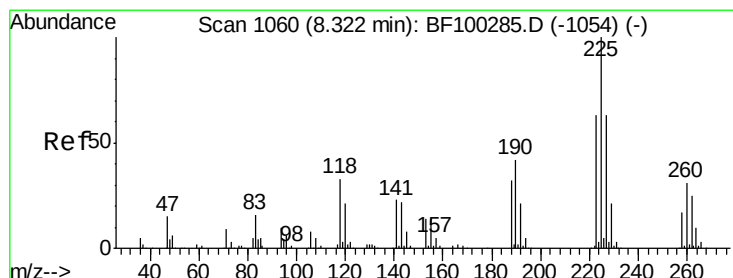
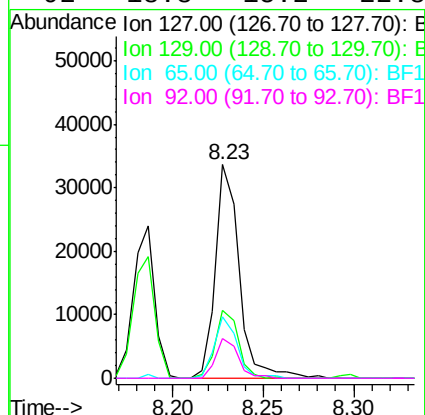
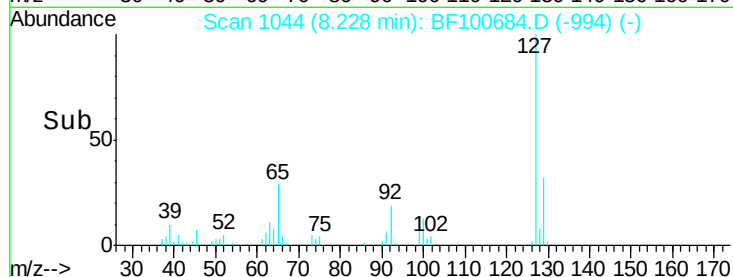
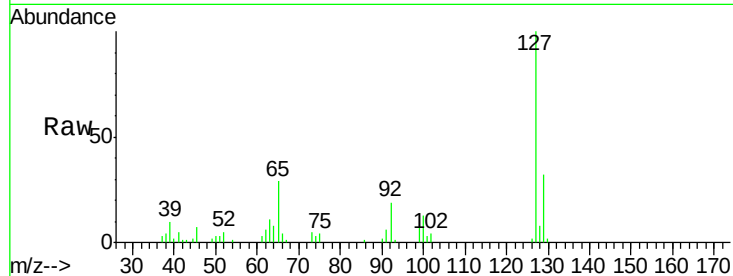




#33
4-Chloroaniline
Concen: 4.10 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

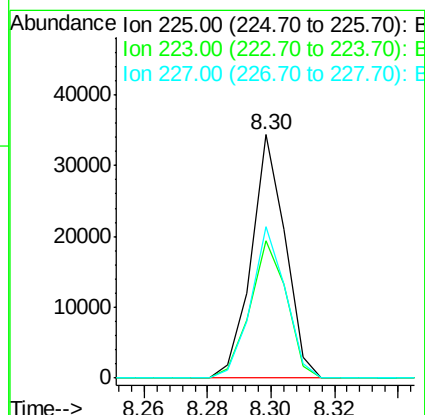
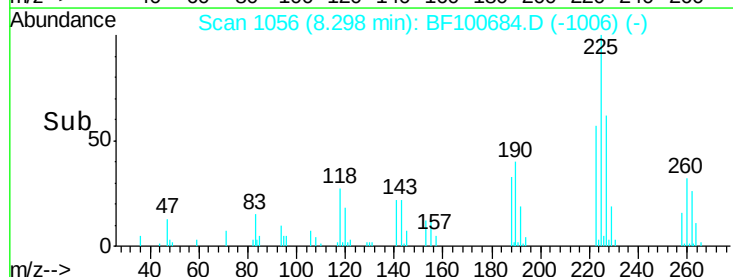
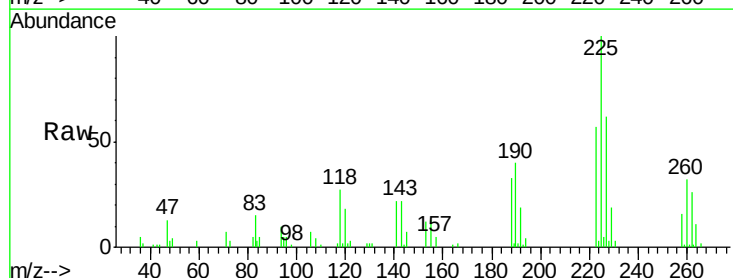
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

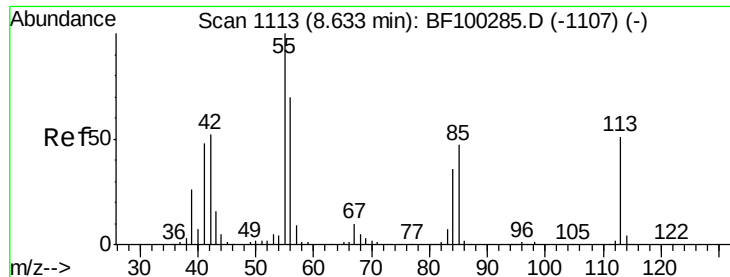
Tgt Ion:	127	Resp:	31007
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.8	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 7.72 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:	225	Resp:	25497
Ion	Ratio	Lower	Upper
225	100		
223	56.5	50.6	76.0
227	62.0	51.9	77.9

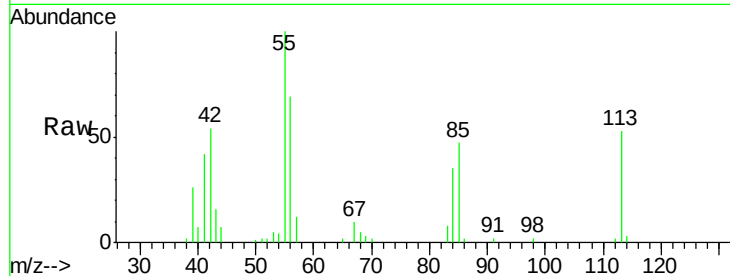




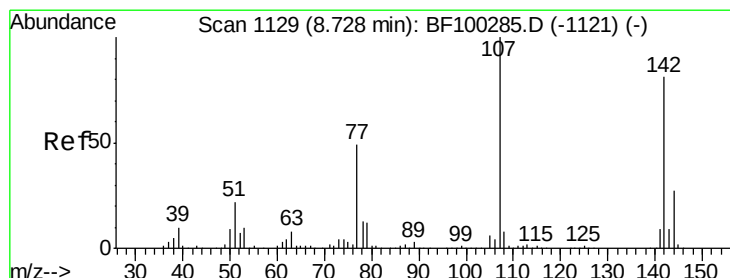
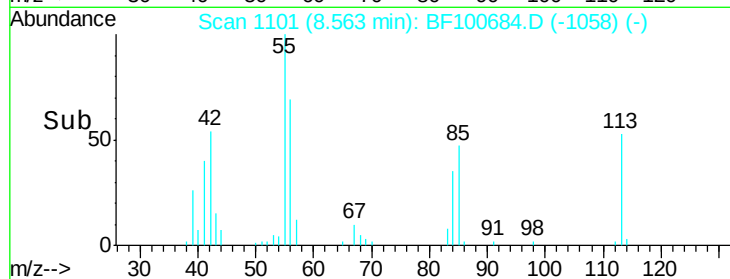
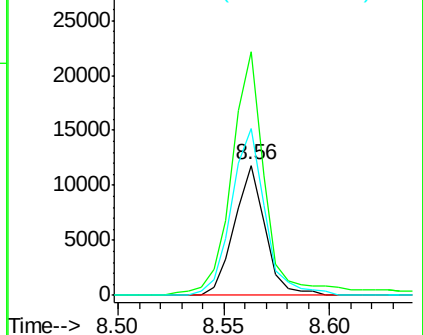
#35
 Caprolactam
 Concen: 6.77 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.05 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion:113 Resp: 11931
 Ion Ratio Lower Upper
 113 100
 55 187.6 163.3 203.3
 56 128.9 115.7 155.7

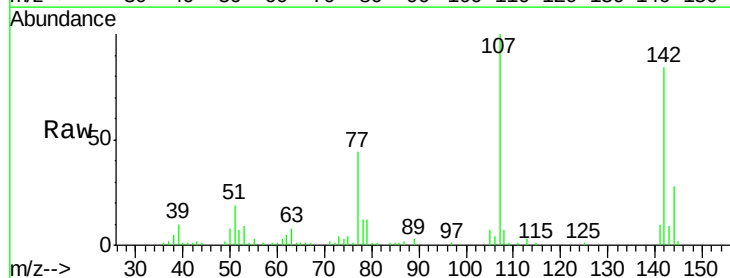


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

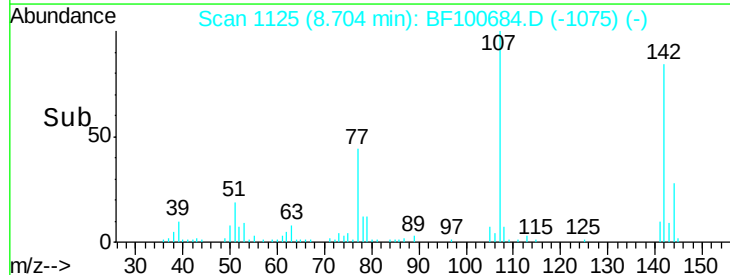
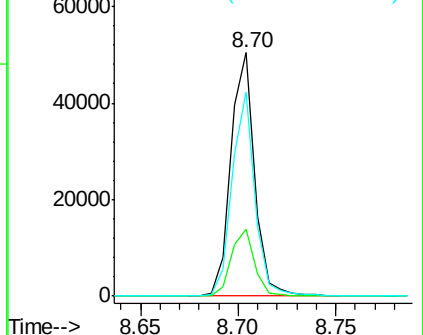


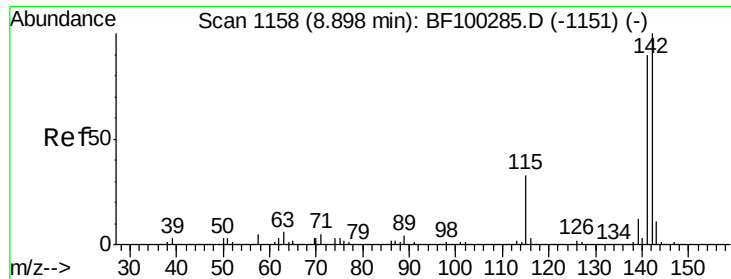
#36
 4-Chloro-3-methylphenol
 Concen: 7.74 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:107 Resp: 42669
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 83.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

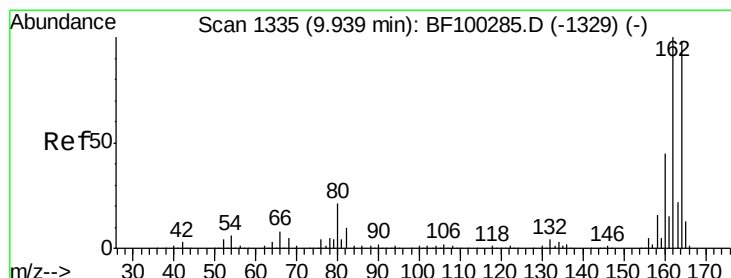
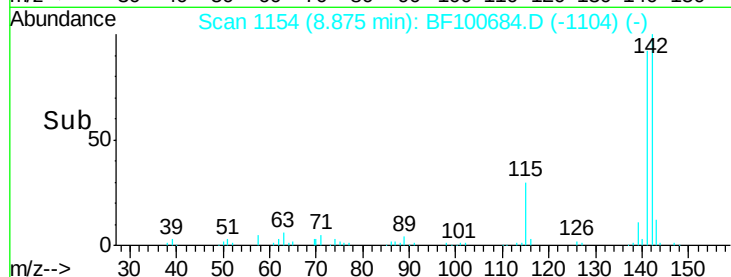
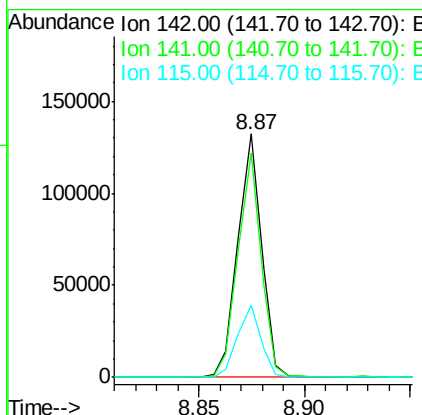
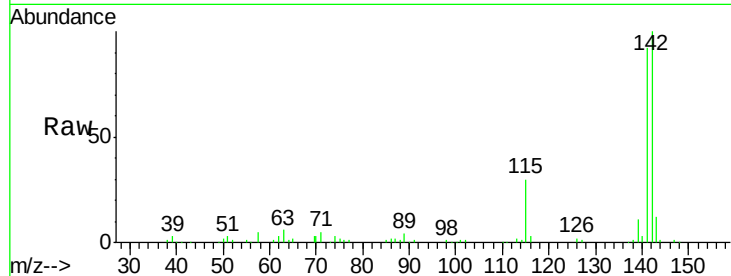




#37
2-Methylnaphthalene
Concen: 8.53 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

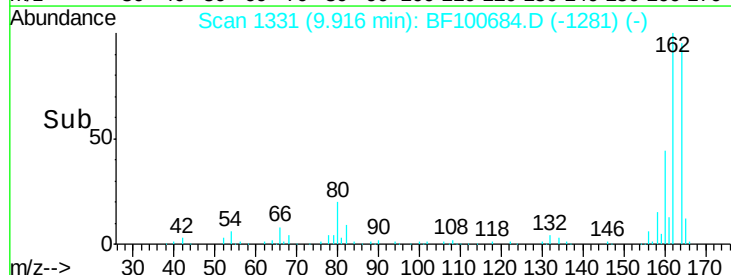
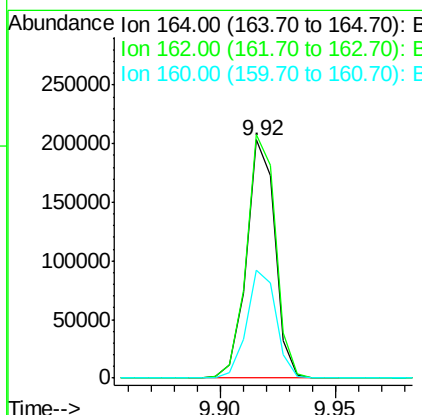
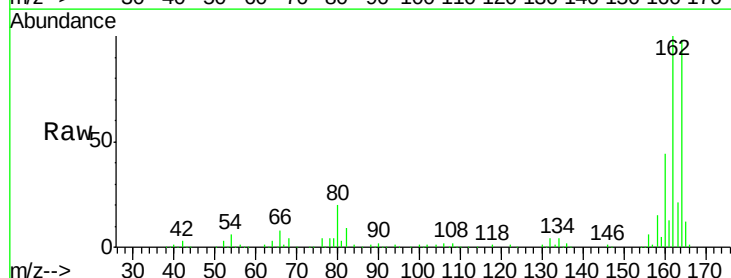
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

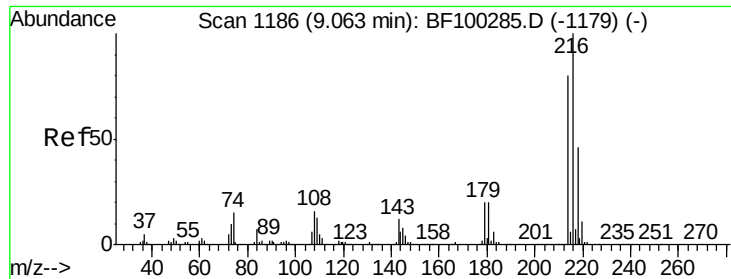
Tgt Ion:142 Resp: 103017
Ion Ratio Lower Upper
142 100
141 92.4 70.8 106.2
115 29.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:164 Resp: 175002
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.4 38.3 57.5

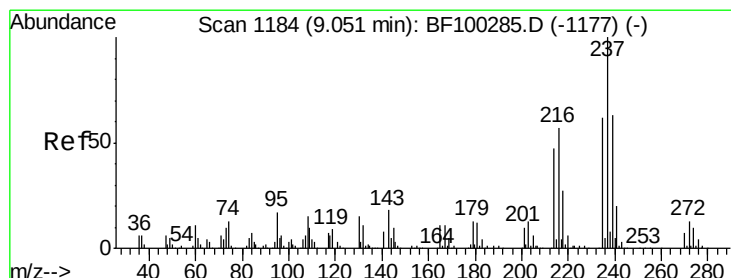
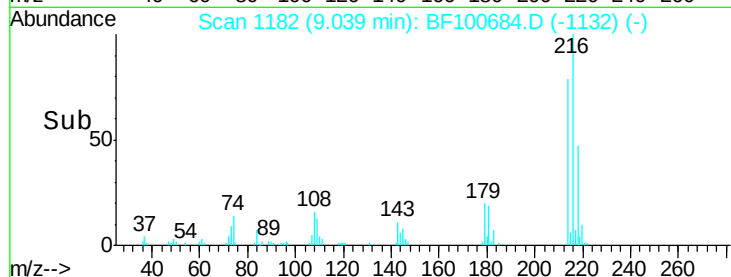
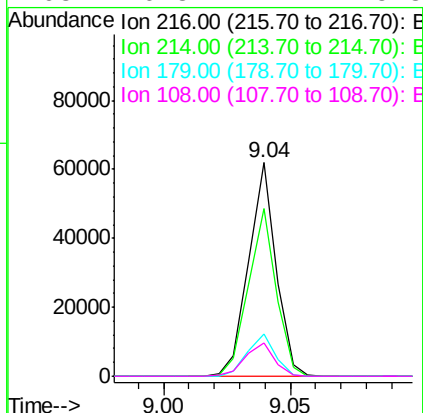
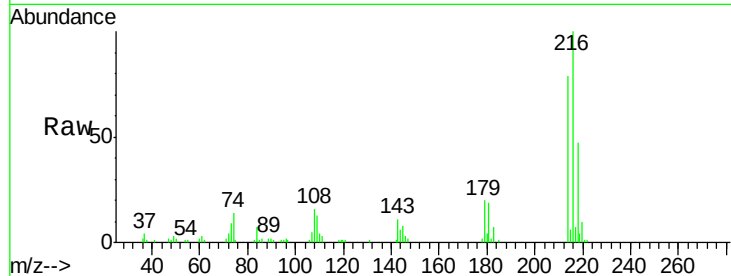




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.06 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

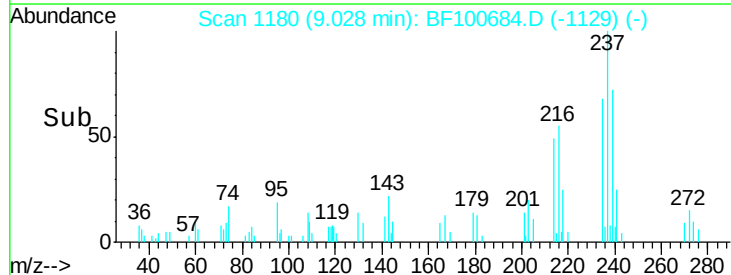
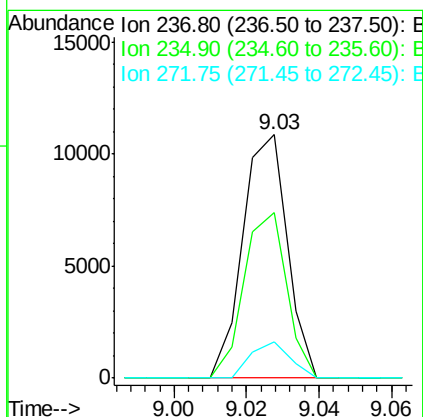
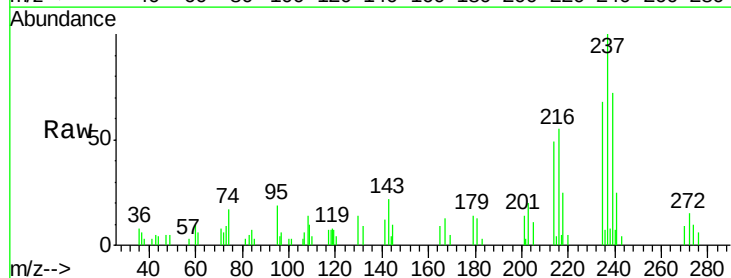
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

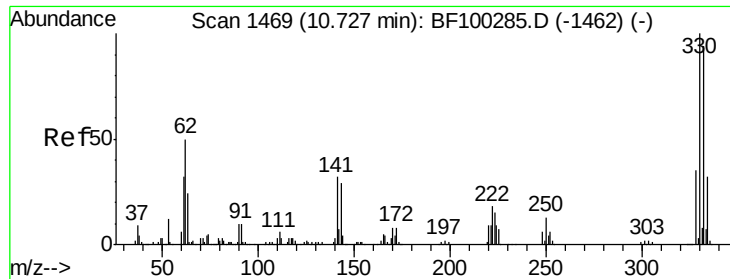
Tgt Ion:	216	Resp:	46768
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.2	18.1	27.1
108	16.8	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 3.38 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:	237	Resp:	9244
Ion	Ratio	Lower	Upper
237	100		
235	67.9	44.8	84.8
272	15.0	0.0	33.3

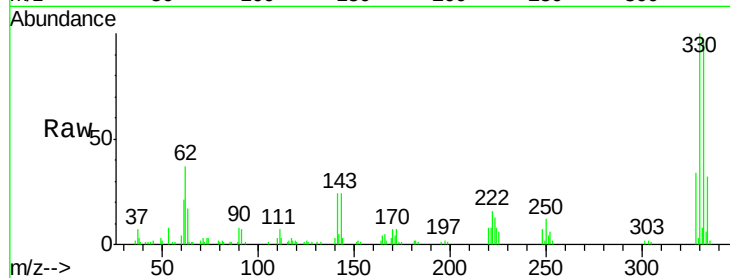




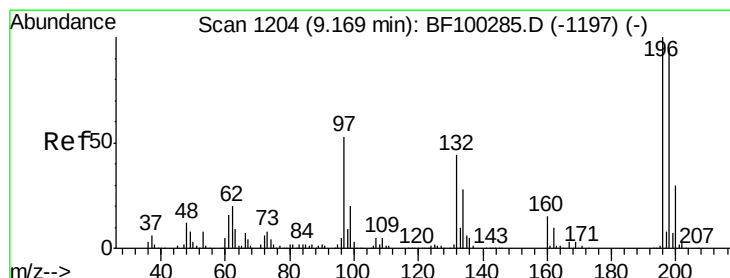
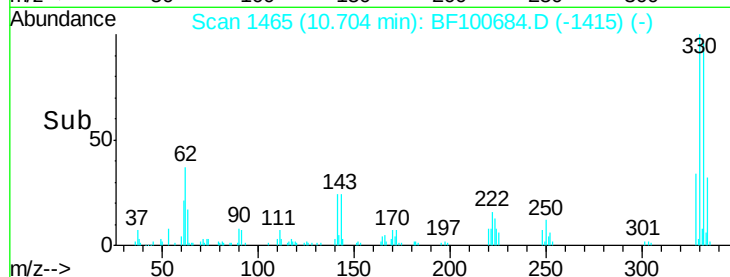
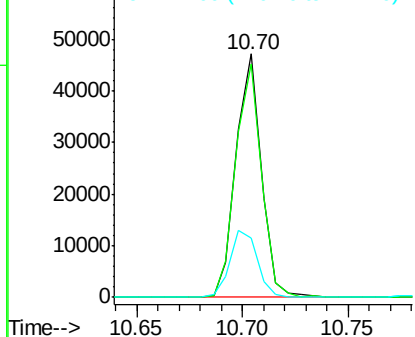
#41
 2,4,6-Tribromophenol
 Concen: 21.90 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion: 330 Resp: 39053
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 29.3 29.9 44.9#

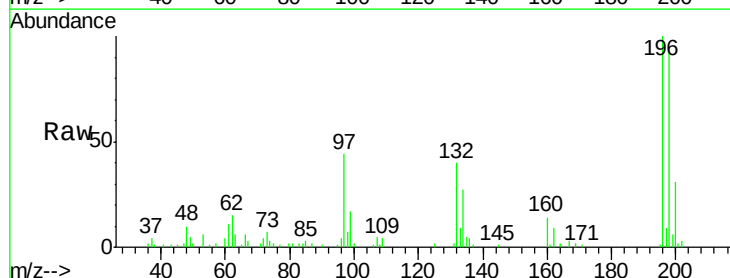


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

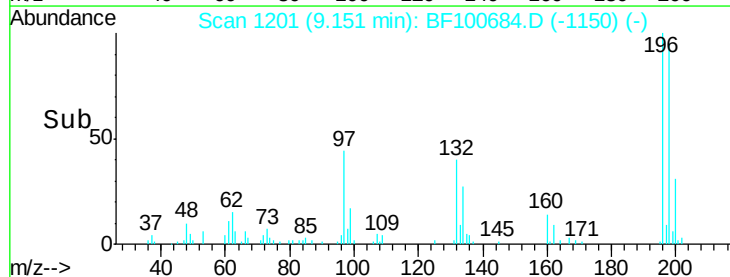
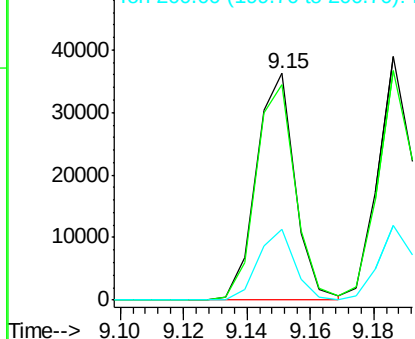


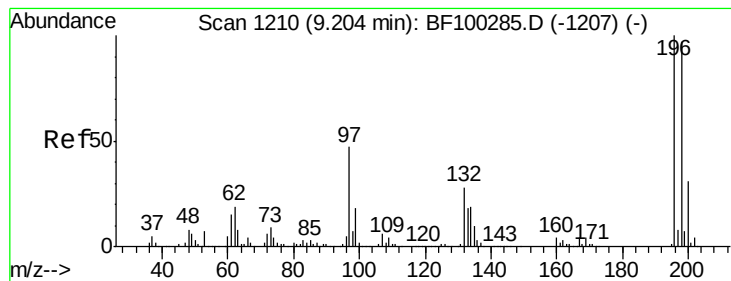
#42
 2,4,6-Trichlorophenol
 Concen: 8.35 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion: 196 Resp: 30709
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 31.2 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: 8.38 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

Tgt Ion:196 Resp: 31935

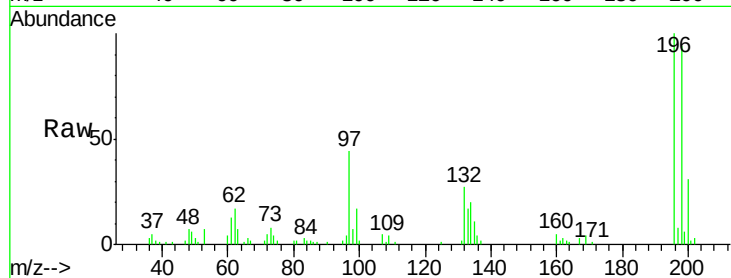
Ion Ratio Lower Upper

196 100

198 94.2 74.6 112.0

97 43.5 42.9 64.3

132 26.6 26.3 39.5

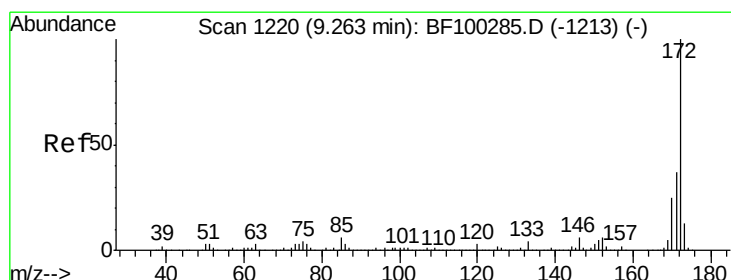
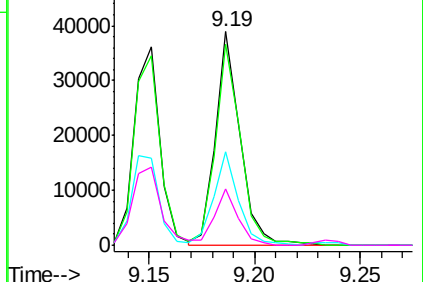
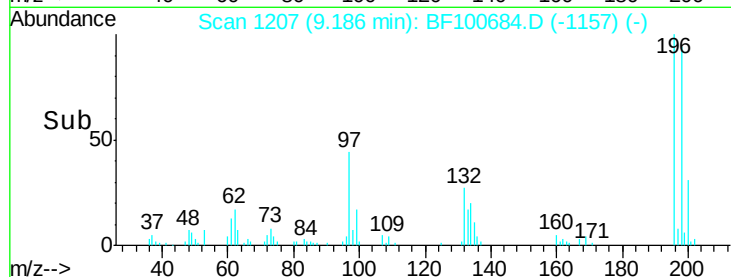


Abundance Ion 196.00 (195.70 to 196.70): E

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: 18.16 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

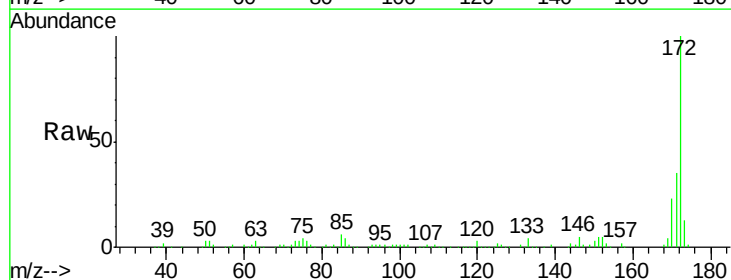
Tgt Ion:172 Resp: 208685

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

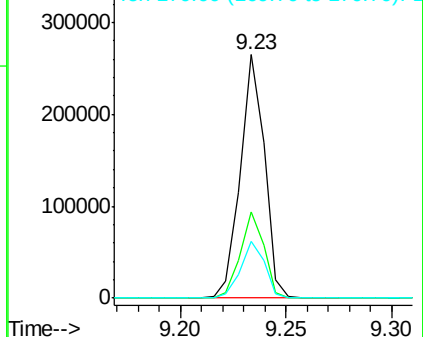
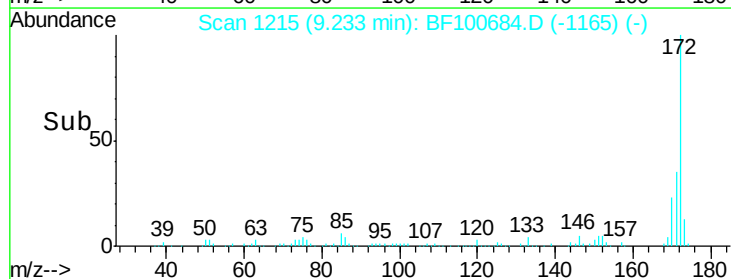
170 23.2 19.6 29.4

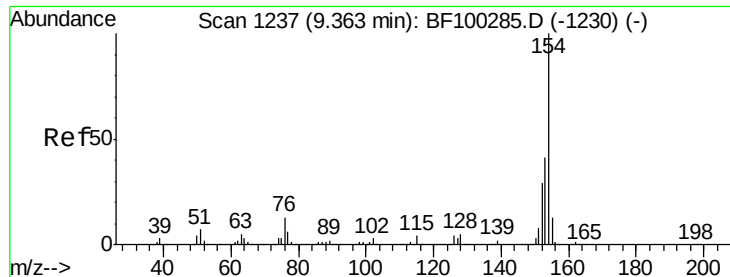


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

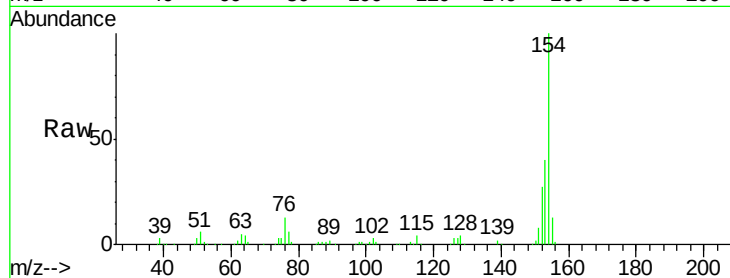




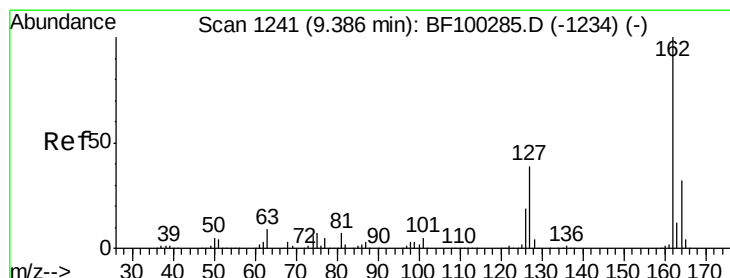
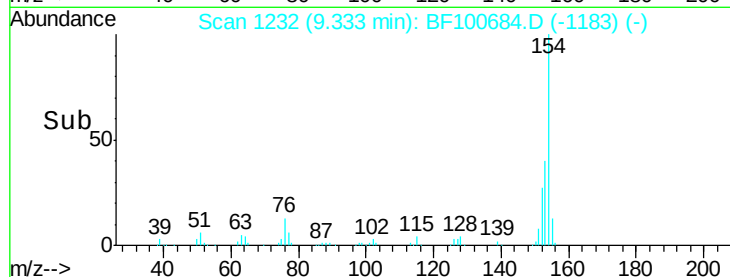
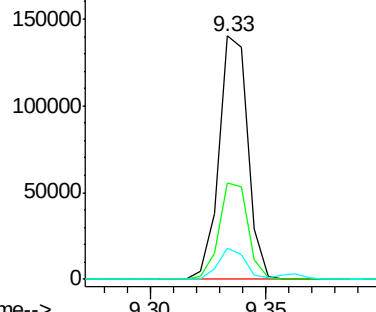
#45
 1,1'-Biphenyl
 Concen: 8.12 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	12.6	0.0	34.0

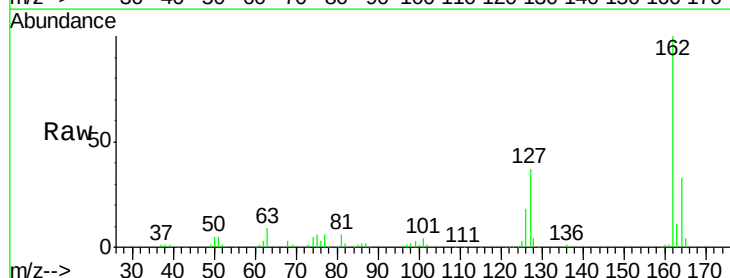


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

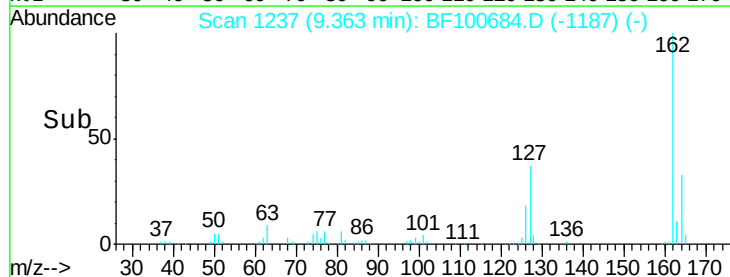
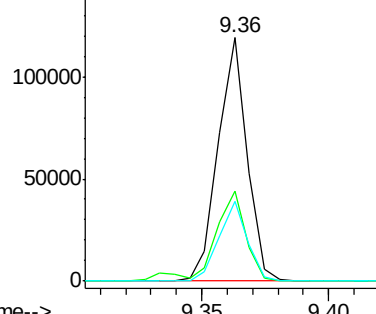


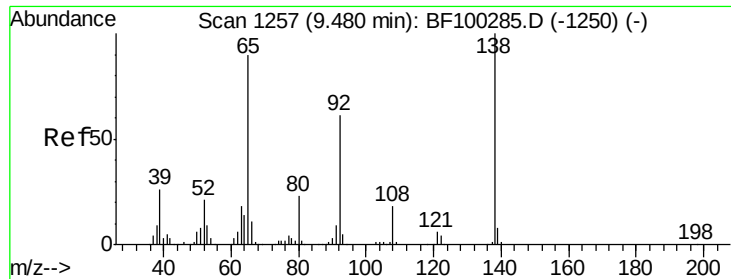
#46
 2-Chloronaphthalene
 Concen: 8.60 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.9	50.9
164	32.8	26.5	39.7



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

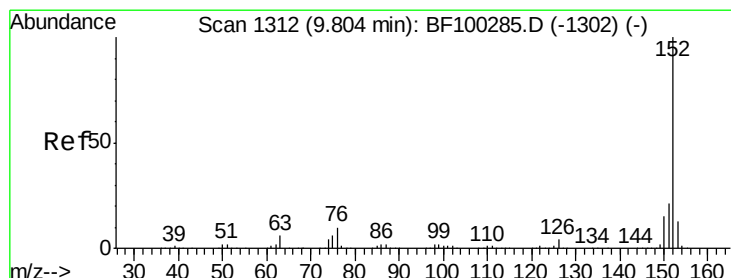
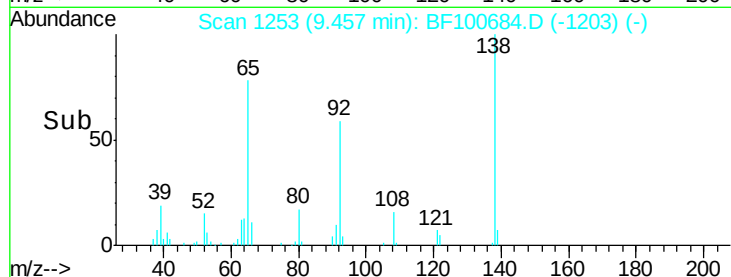
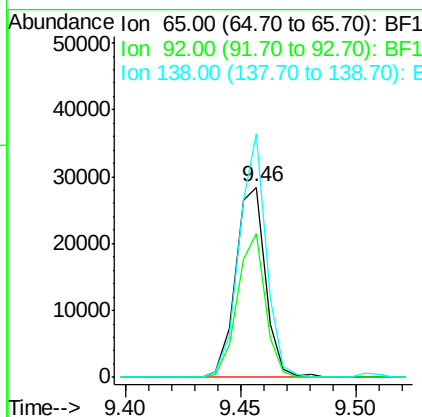
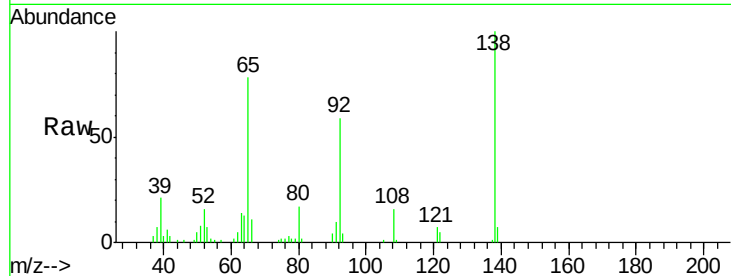




#47
 2-Nitroaniline
 Concen: 10.23 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

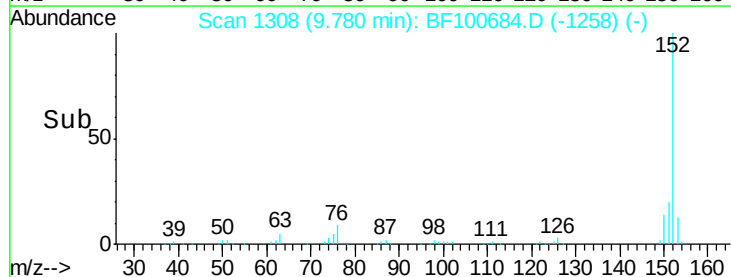
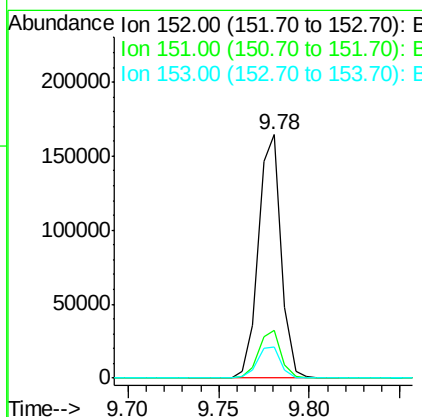
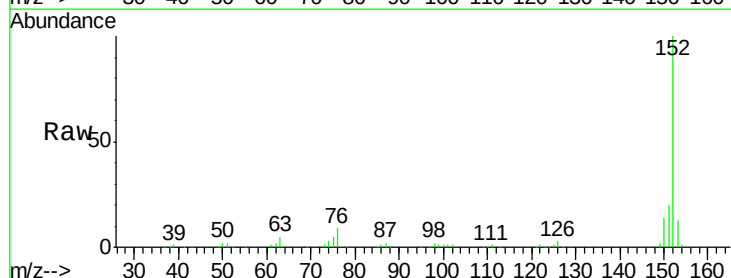
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

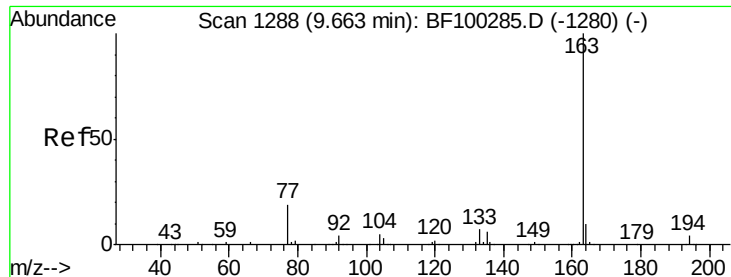
Tgt Ion: 65 Resp: 25659
 Ion Ratio Lower Upper
 65 100
 92 75.4 55.8 83.6
 138 128.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 7.88 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion: 152 Resp: 143479
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.3 24.5
 153 12.9 10.7 16.1

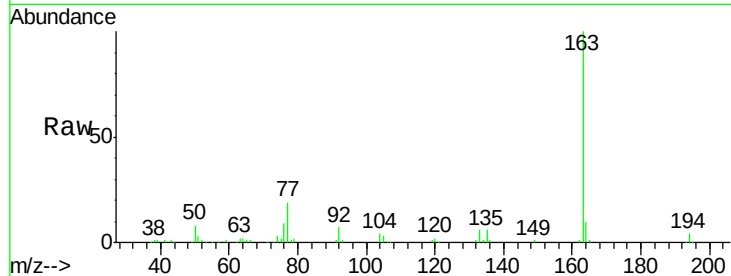




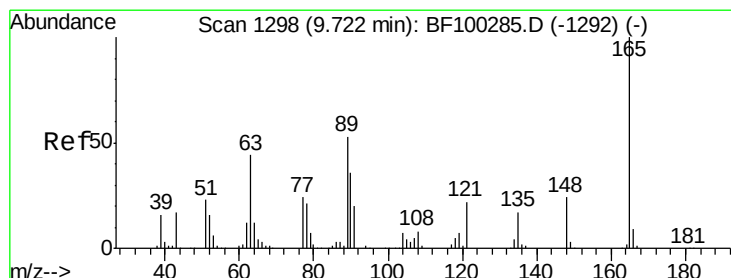
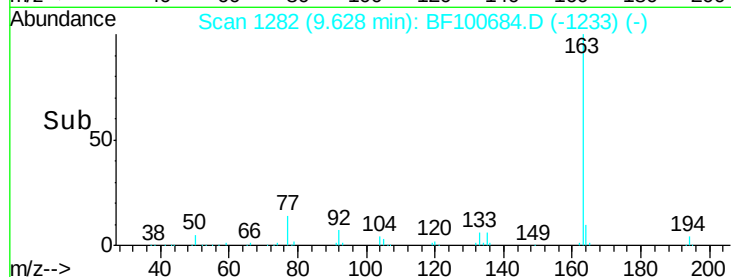
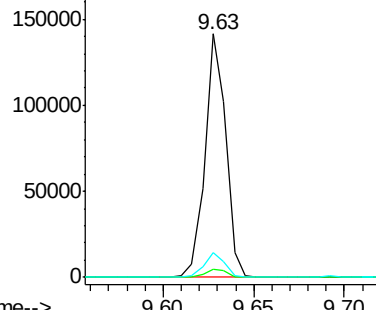
#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tgt Ion:163 Resp: 113521
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

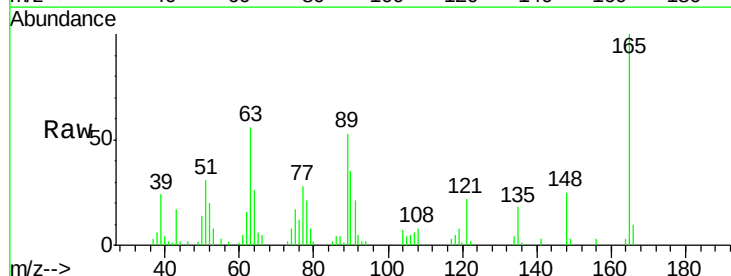


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

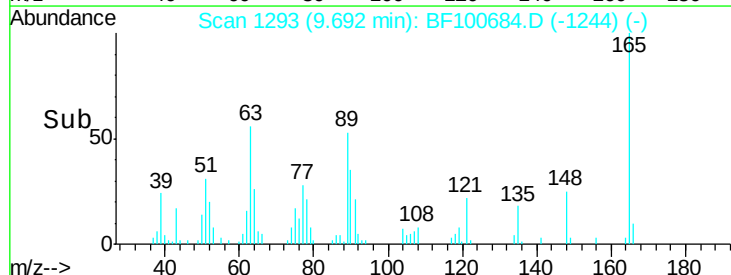
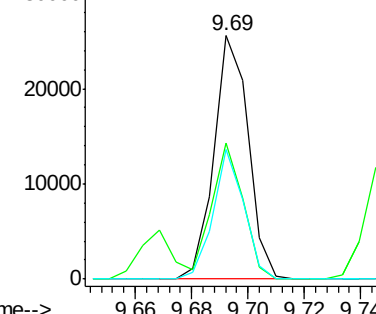


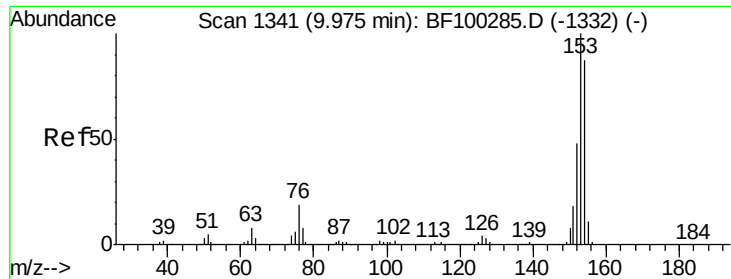
#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:165 Resp: 21513
Ion Ratio Lower Upper
165 100
63 56.0 44.7 67.1
89 53.0 44.0 66.0



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

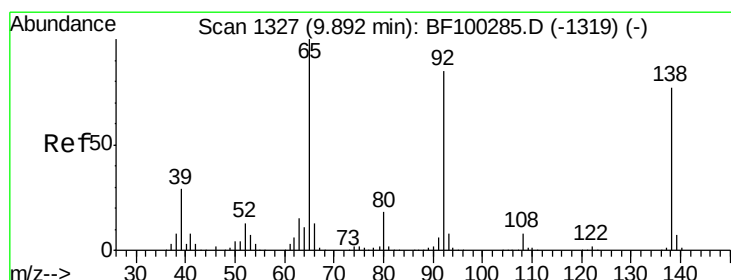
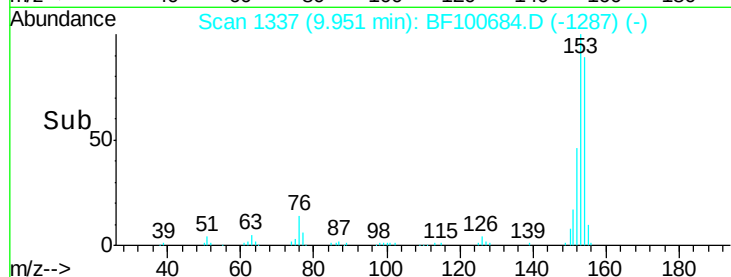
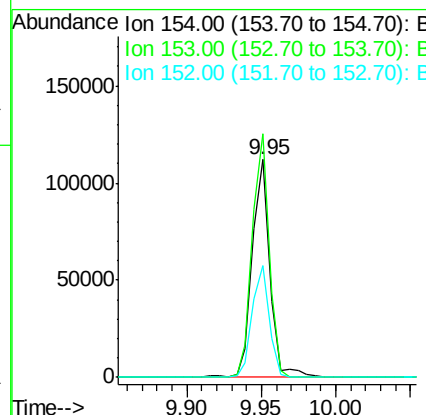
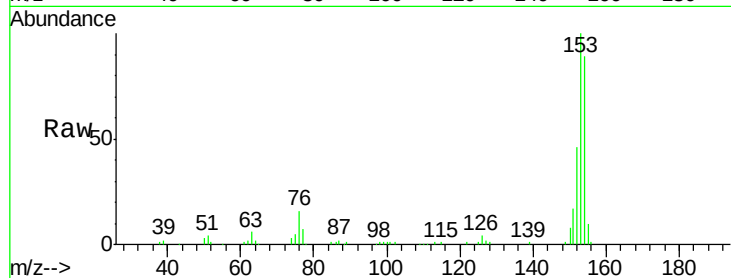




#51
Acenaphthene
Concen: 8.24 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

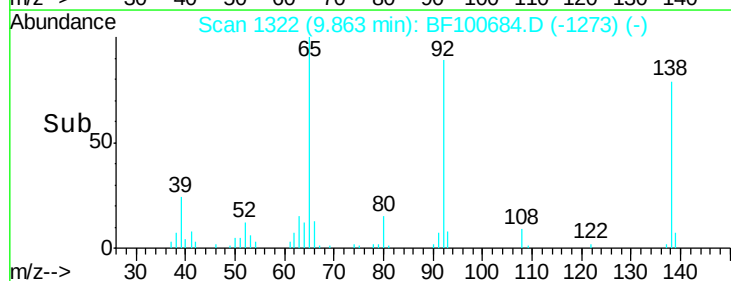
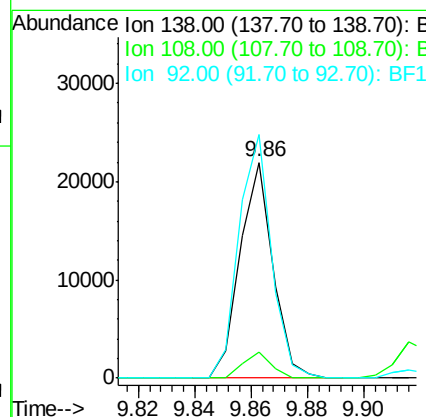
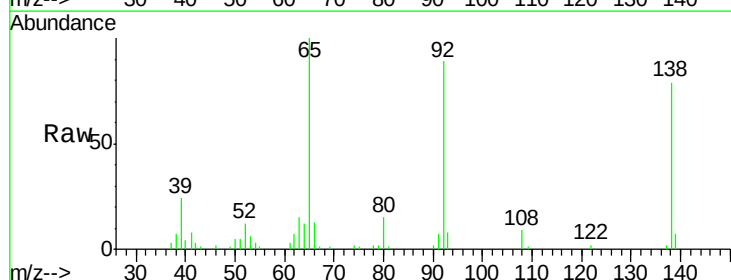
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

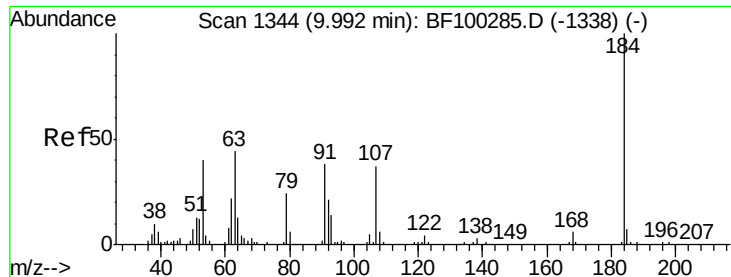
Tgt Ion:154 Resp: 91243
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 51.2 43.8 65.8



#52
3-Nitroaniline
Concen: 5.69 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:138 Resp: 17774
Ion Ratio Lower Upper
138 100
108 11.9 9.4 14.0
92 112.9 89.4 134.2

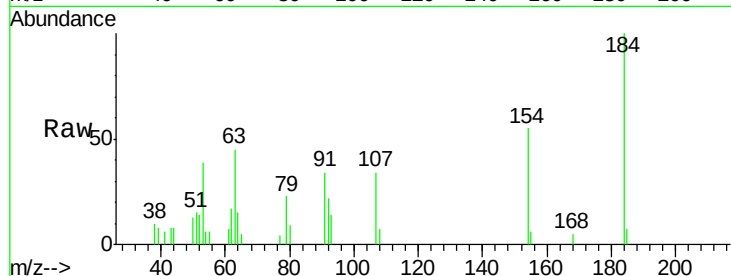




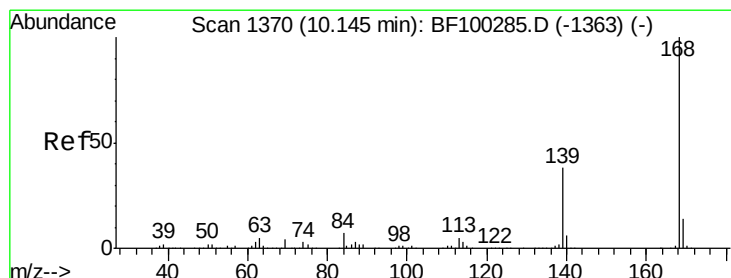
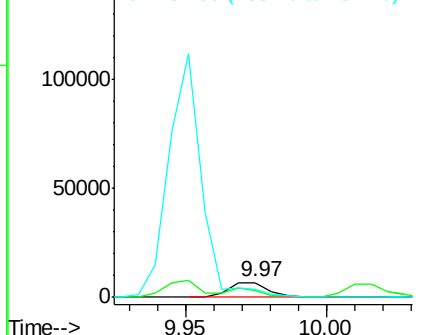
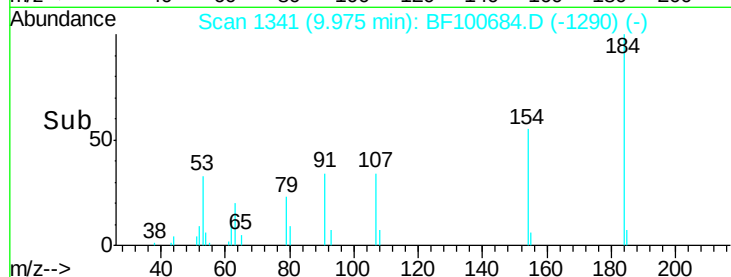
#53
 2,4-Dinitrophenol
 Concen: 15.54 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

Tgt Ion:184 Resp: 6781
 Ion Ratio Lower Upper
 184 100
 63 45.0 54.2 81.2#
 154 54.8 184.0 276.0#

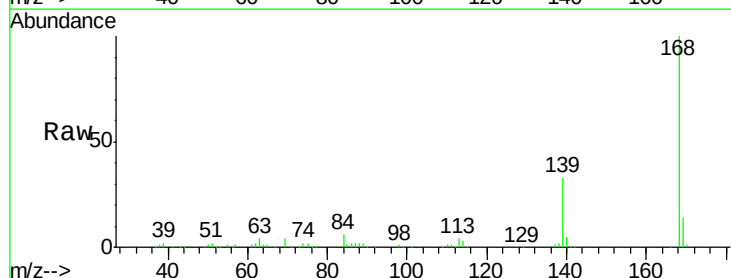


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

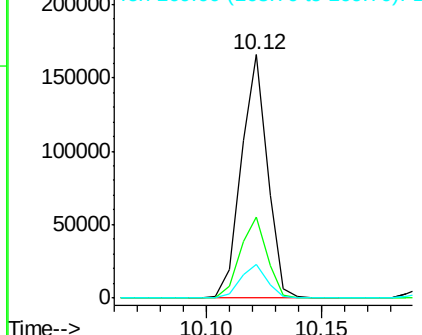
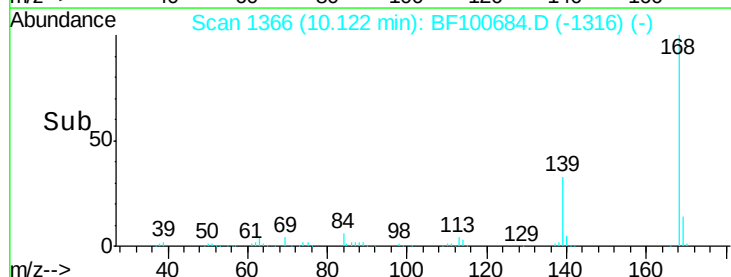


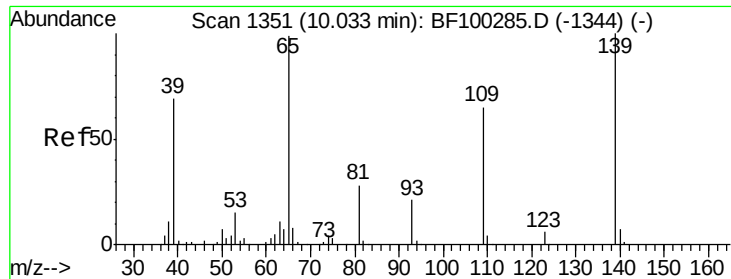
#54
 Dibenzofuran
 Concen: 8.46 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:168 Resp: 131159
 Ion Ratio Lower Upper
 168 100
 139 33.4 30.1 45.1
 169 13.7 10.9 16.3



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

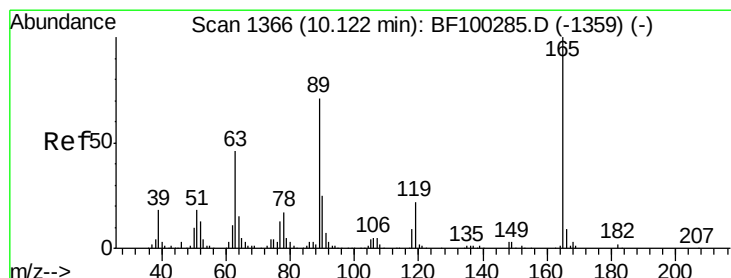
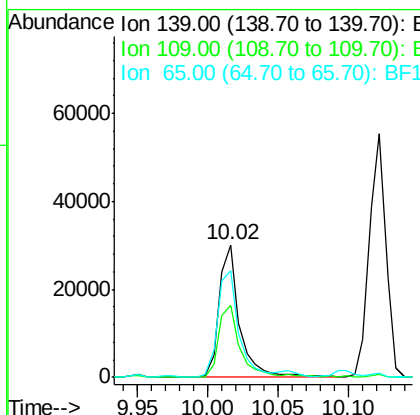
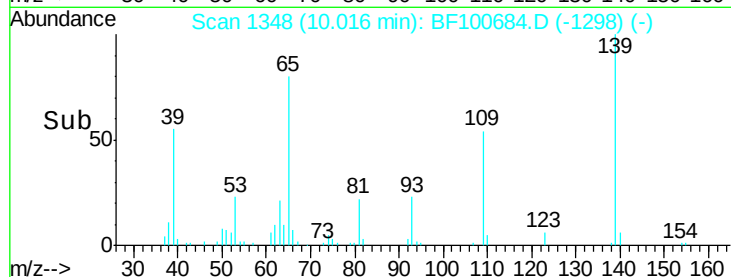
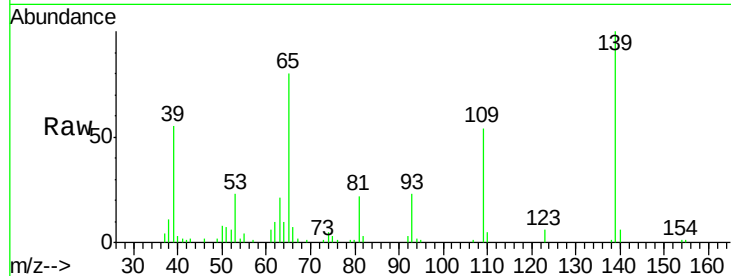




#55
4-Nitrophenol
Concen: 11.99 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

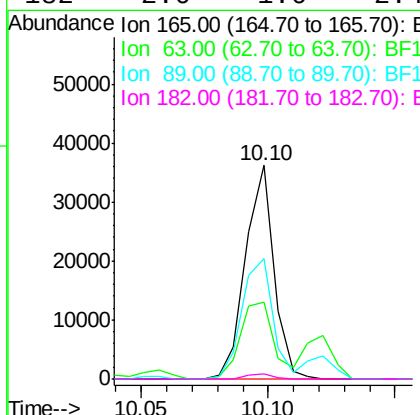
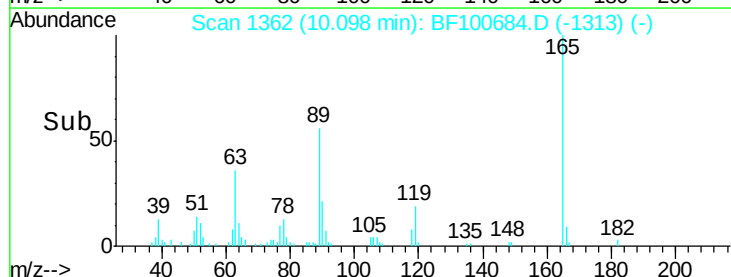
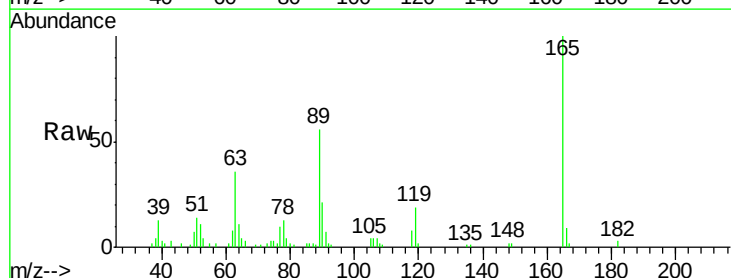
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

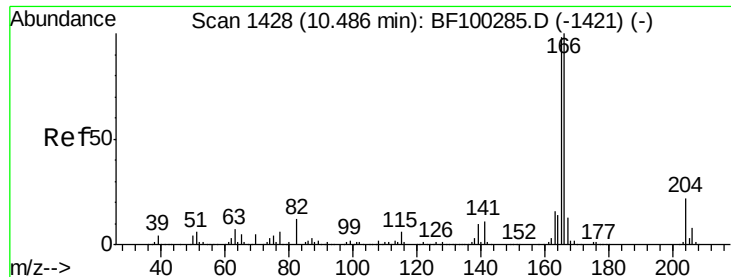
Tgt Ion:139 Resp: 30406
Ion Ratio Lower Upper
139 100
109 53.9 48.4 88.4
65 80.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 8.49 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:165 Resp: 28323
Ion Ratio Lower Upper
165 100
63 35.7 36.4 54.6#
89 56.1 57.8 86.6#
182 2.6 1.6 2.4#

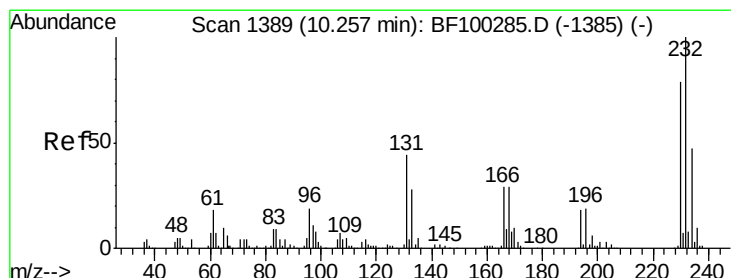
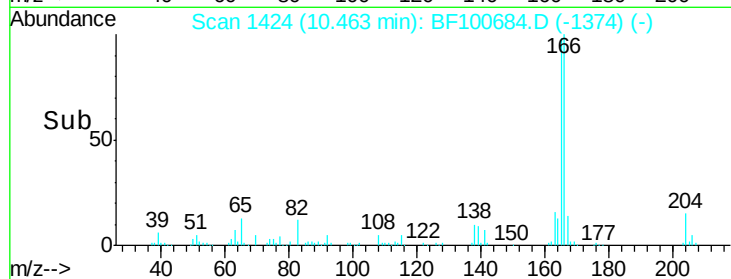
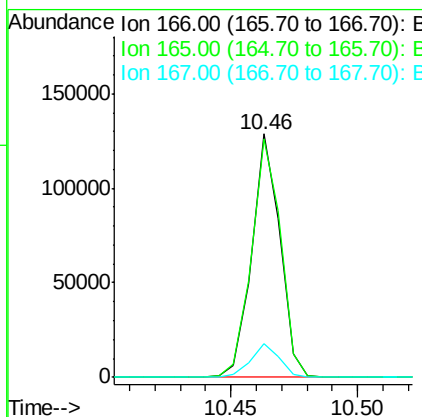
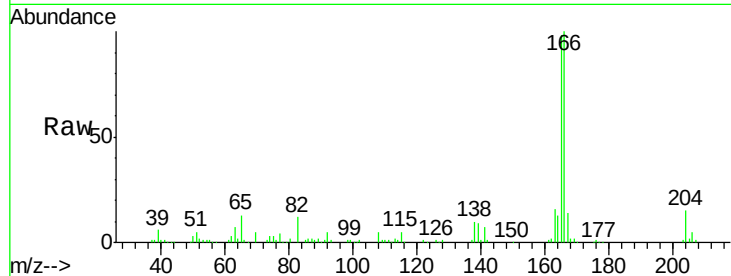




#57
 Fluorene
 Concen: 8.81 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

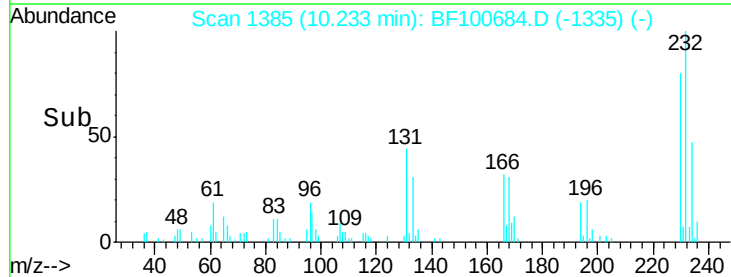
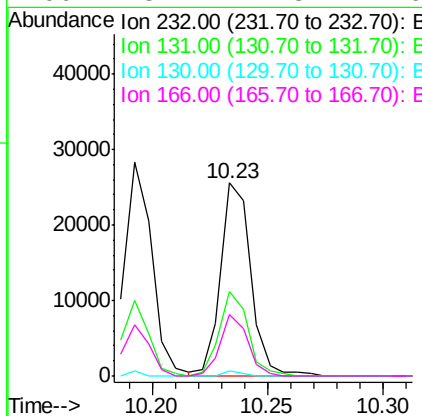
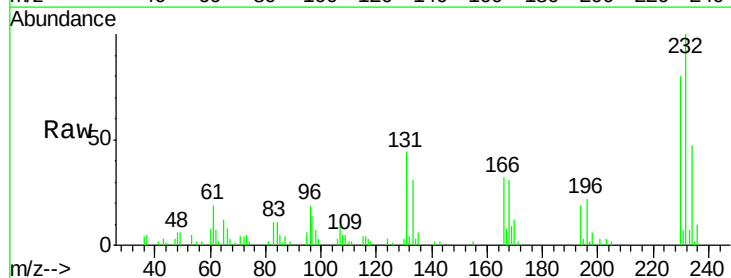
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

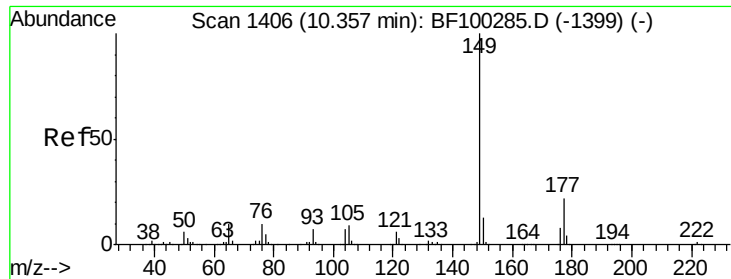
Tgt Ion:166 Resp: 100119
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.46 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:232 Resp: 23289
 Ion Ratio Lower Upper
 232 100
 131 41.5 43.8 65.8#
 130 1.6 2.1 3.1#
 166 28.7 27.8 41.6

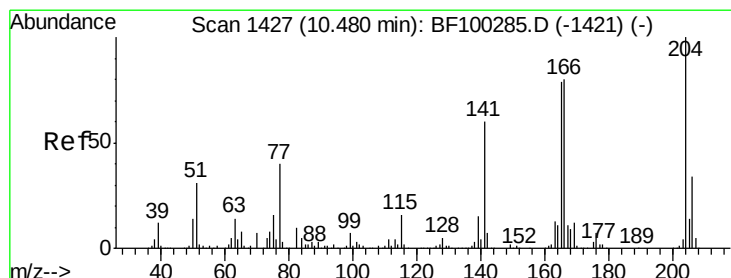
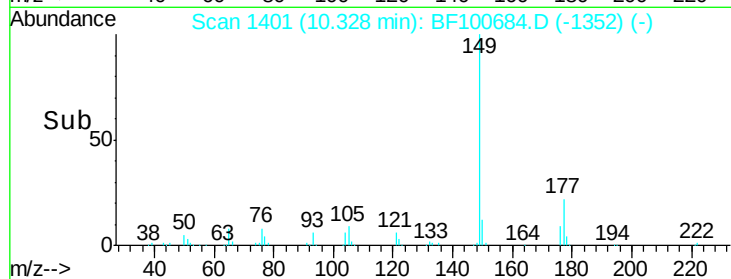
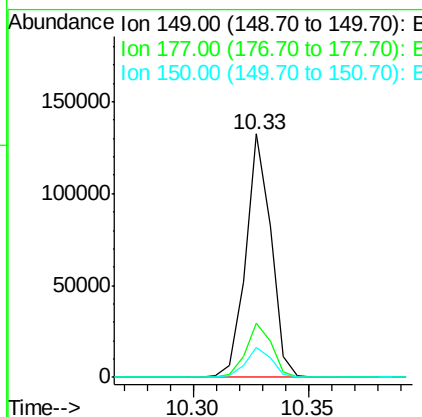
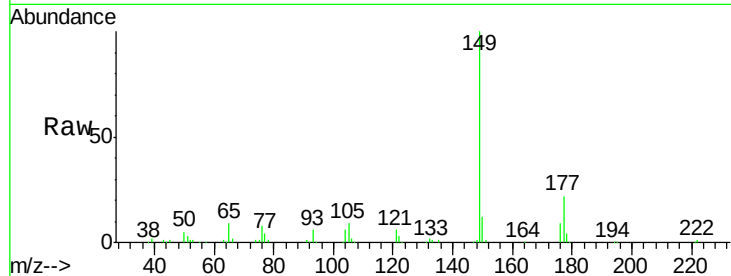




#59
Diethylphthalate
Concen: 7.54 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

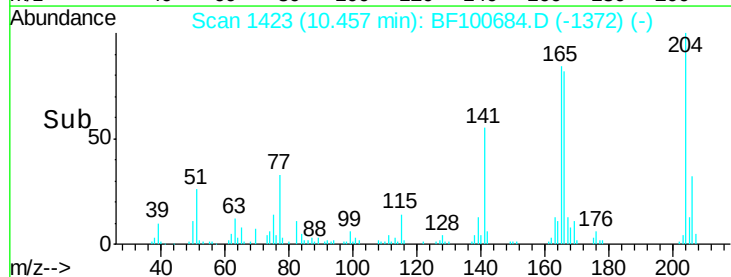
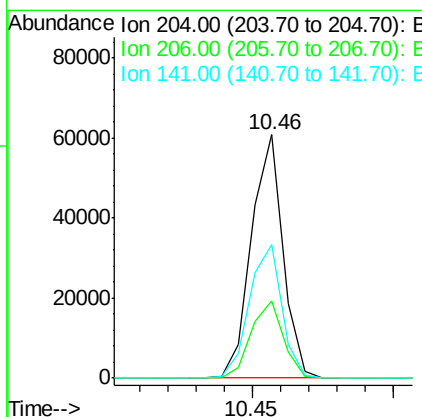
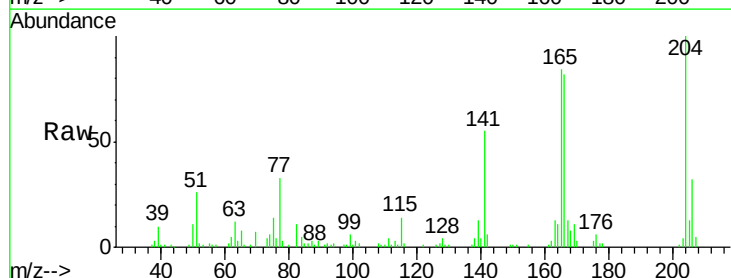
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

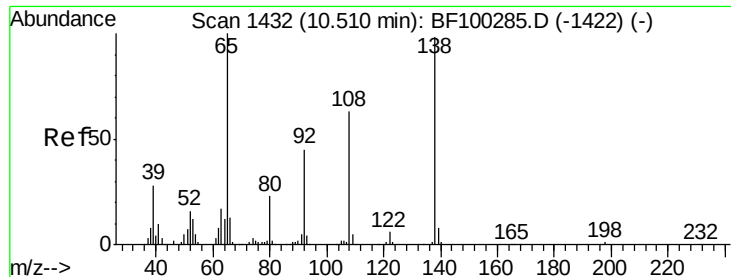
Tgt Ion:149 Resp: 100792
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 8.43 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:204 Resp: 47004
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 54.8 54.6 81.8

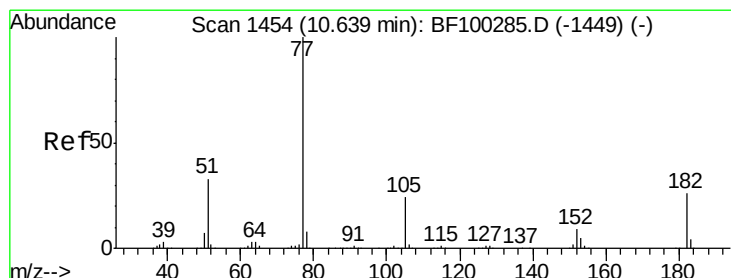
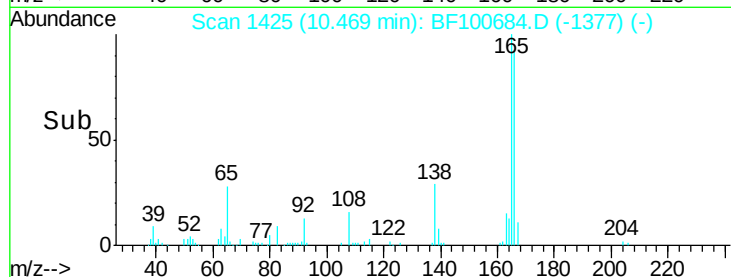
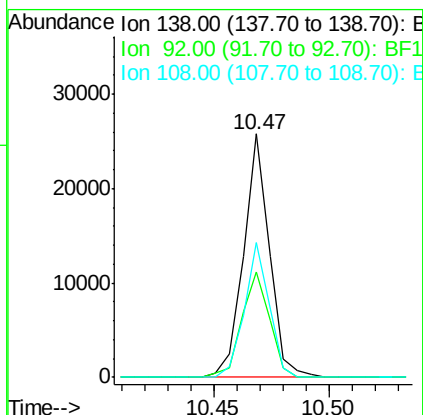
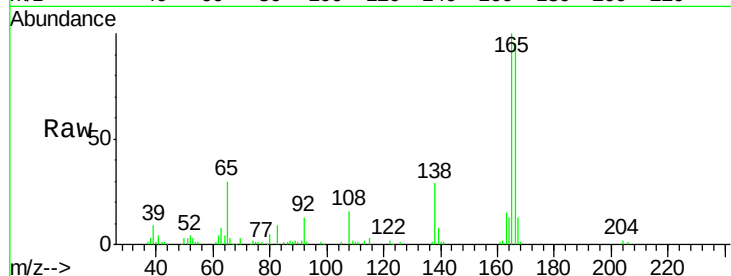




#61
4-Nitroaniline
Concen: 6.83 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

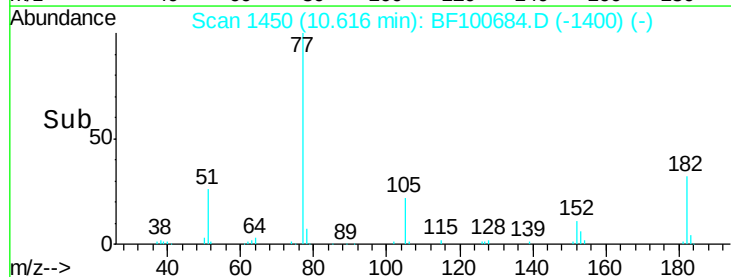
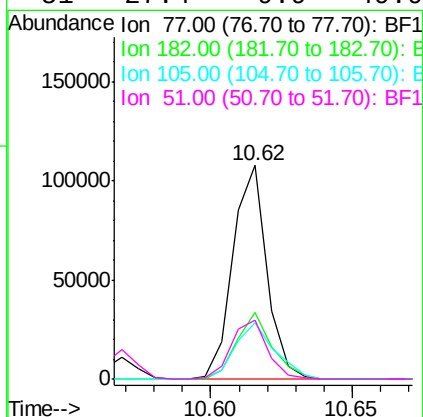
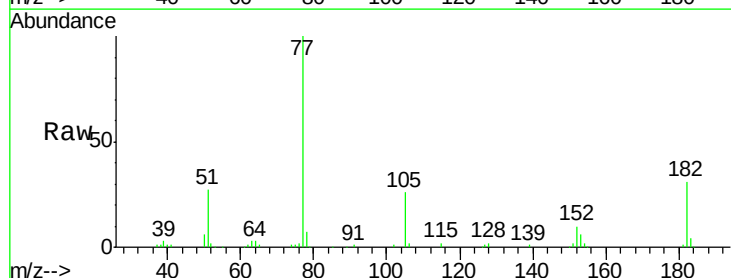
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

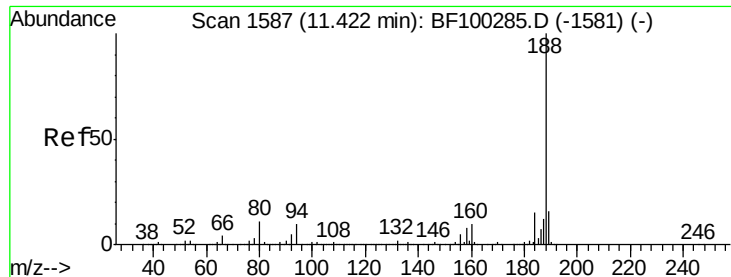
Tgt Ion: 138 Resp: 20226
Ion Ratio Lower Upper
138 100
92 43.3 30.2 70.2
108 55.5 52.5 92.5



#62
Azobenzene
Concen: 7.15 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion: 77 Resp: 90082
Ion Ratio Lower Upper
77 100
182 31.3 1.7 41.7
105 26.4 3.0 43.0
51 27.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

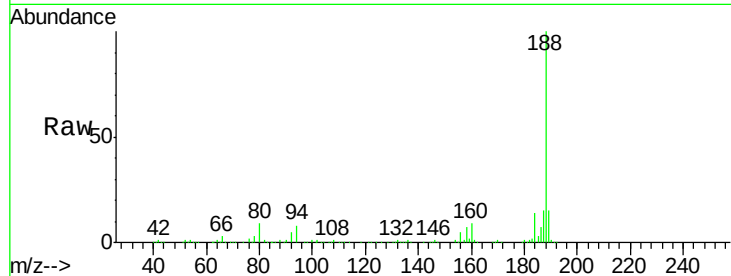
Tgt Ion:188 Resp: 292666

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

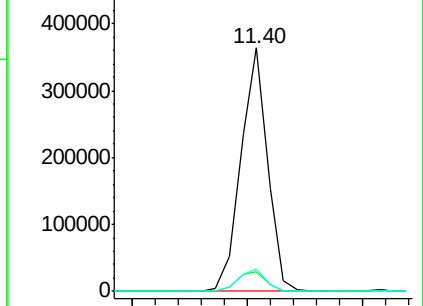
80 9.2 9.2 13.8#



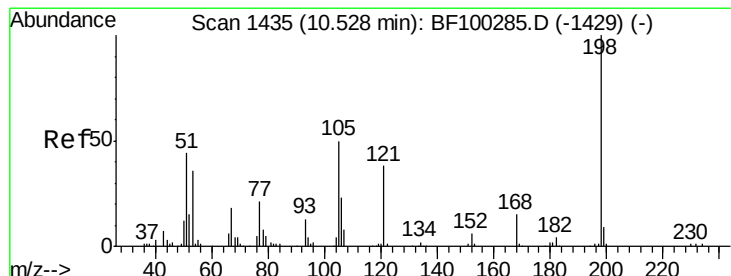
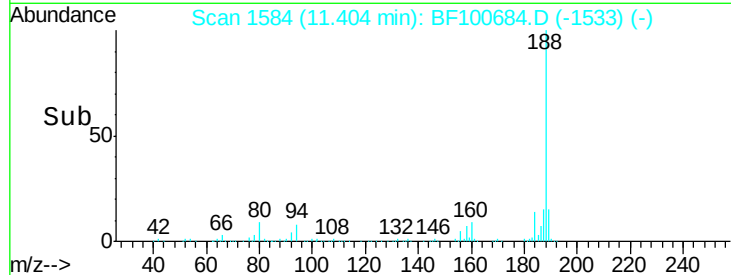
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 12.22 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

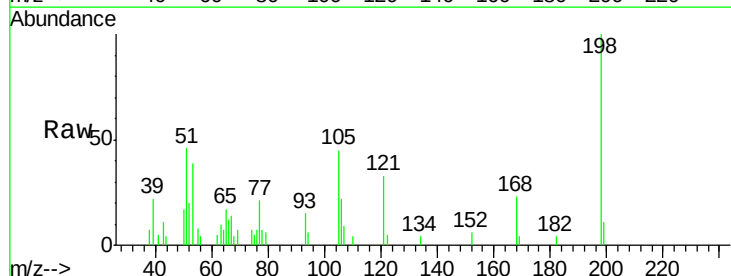
Tgt Ion:198 Resp: 6564

Ion Ratio Lower Upper

198 100

51 45.9 37.7 77.7

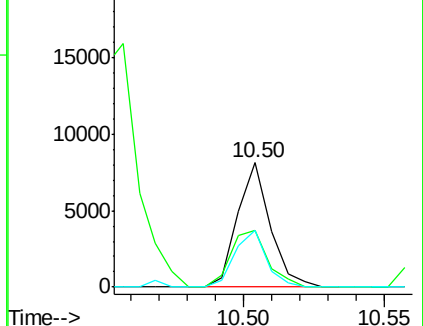
105 45.1 36.3 76.3



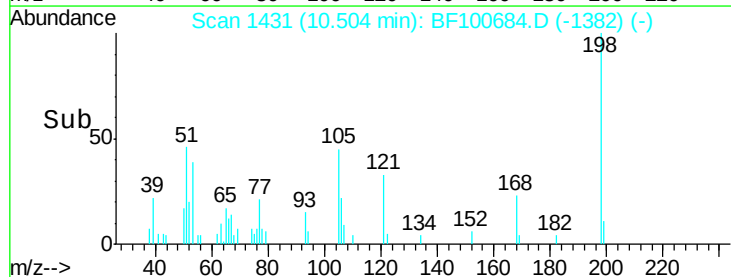
Abundance Ion 198.00 (197.70 to 198.70): E

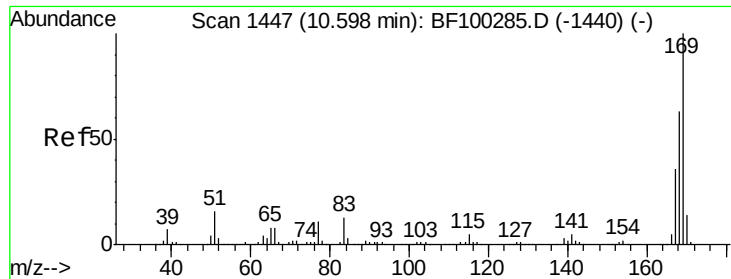
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.50 10.55

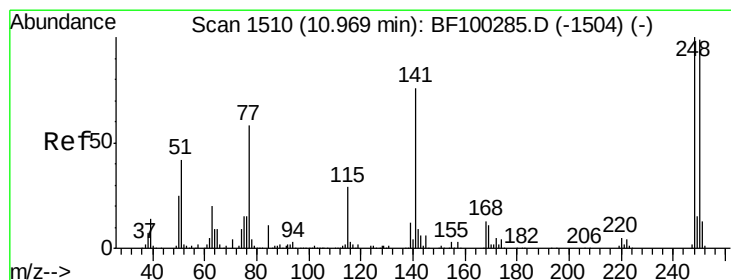
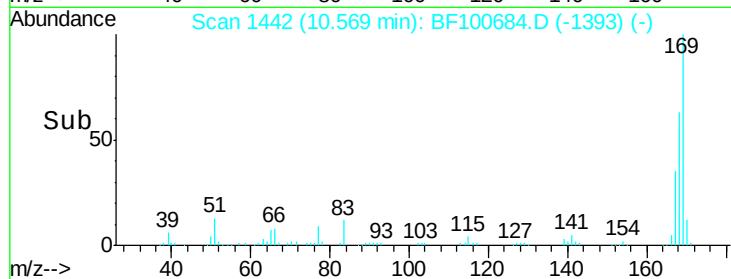
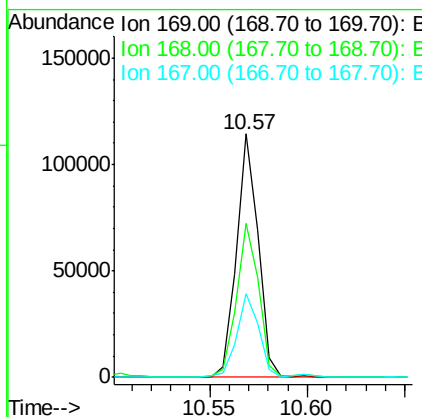
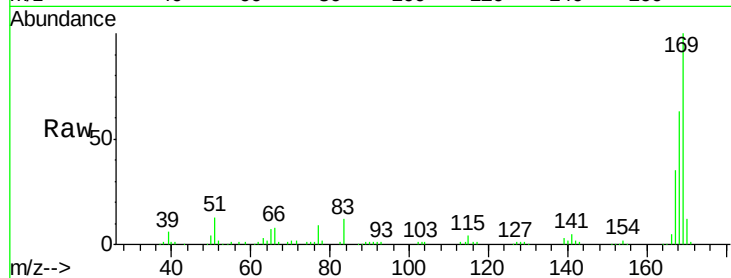




#65
 n-Nitrosodiphenylamine
 Concen: 8.64 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

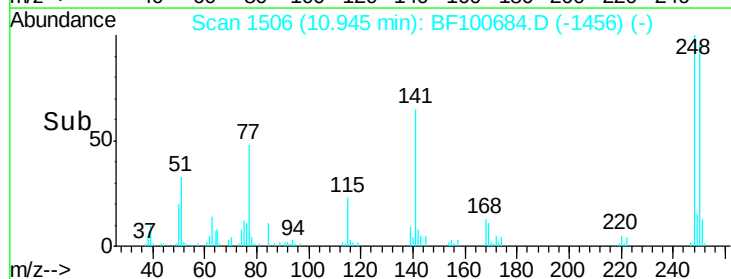
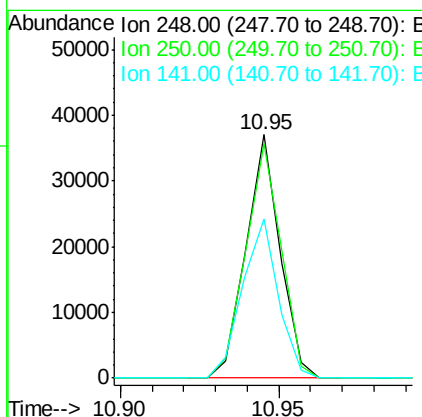
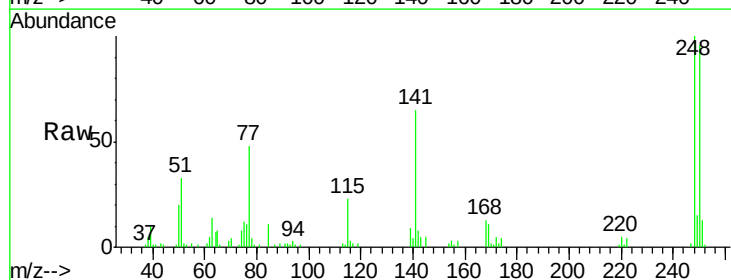
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

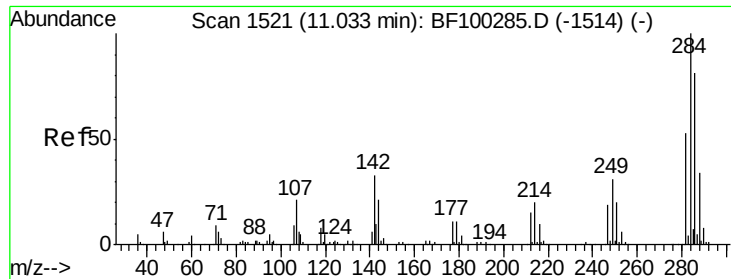
Tgt Ion:169 Resp: 87921
 Ion Ratio Lower Upper
 169 100
 168 63.4 54.4 81.6
 167 34.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 8.80 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion:248 Resp: 27595
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.9 115.3
 141 65.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 8.67 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

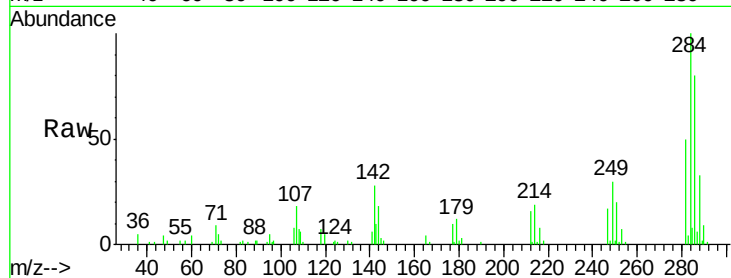
Tgt Ion:284 Resp: 28443

Ion Ratio Lower Upper

284 100

142 28.2 34.6 52.0#

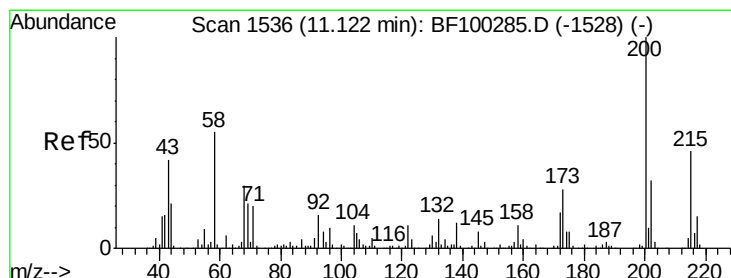
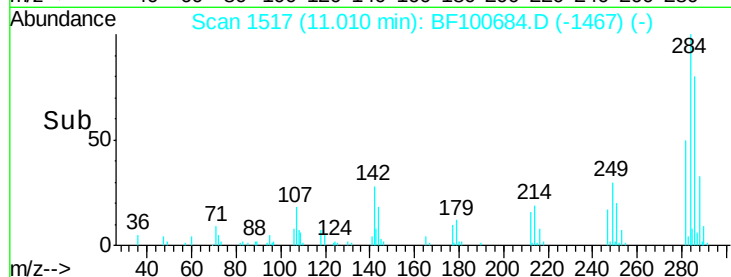
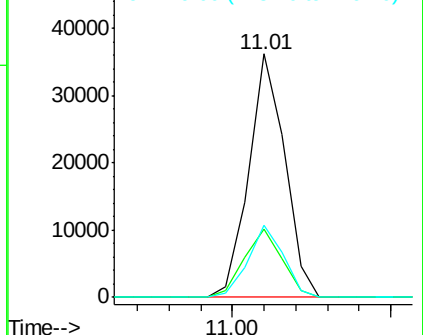
249 29.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 8.32 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

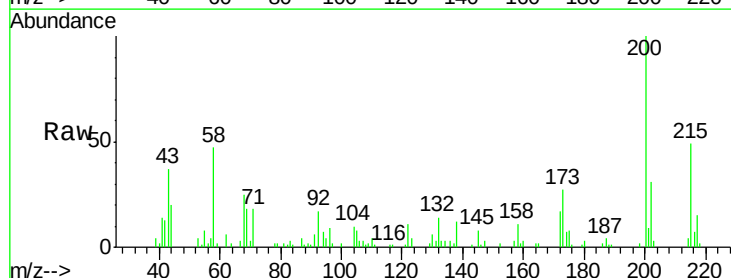
Tgt Ion:200 Resp: 25644

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

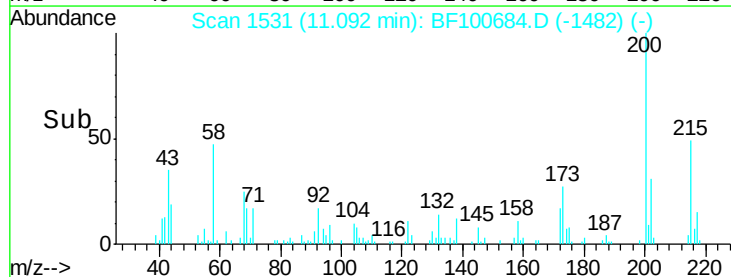
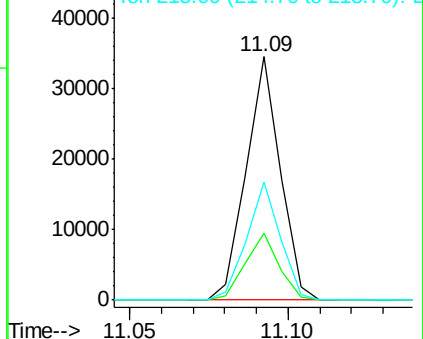
215 48.6 25.1 65.1

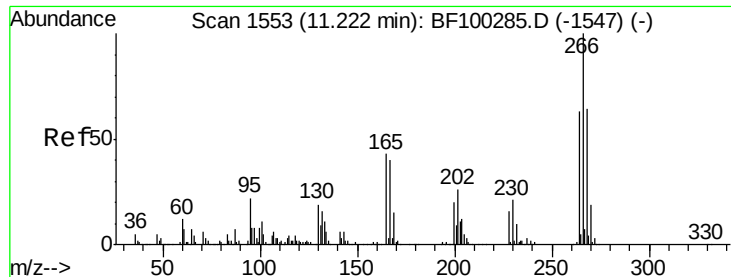


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

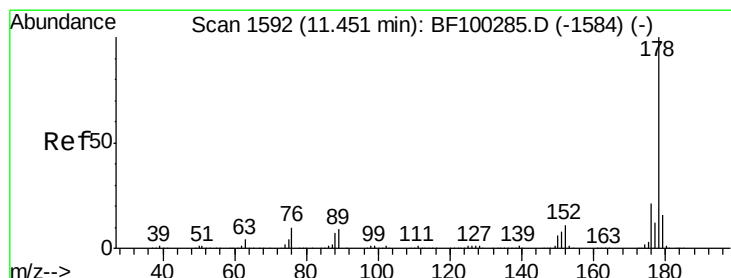
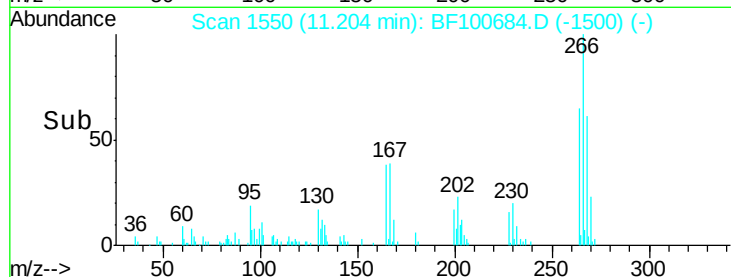
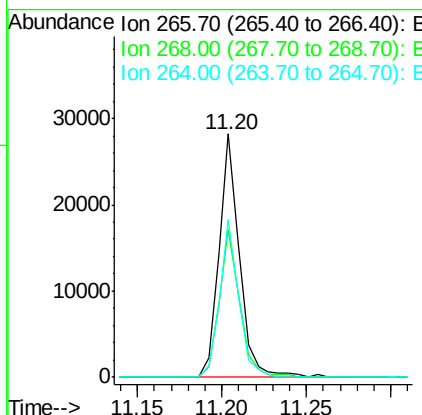
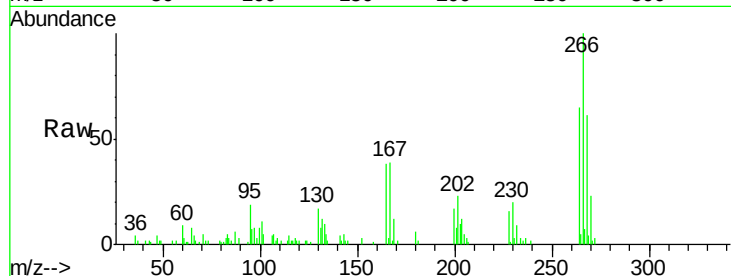




#69
 Pentachlorophenol
 Concen: 10.13 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

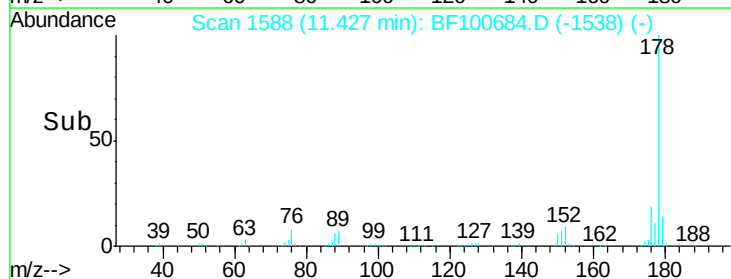
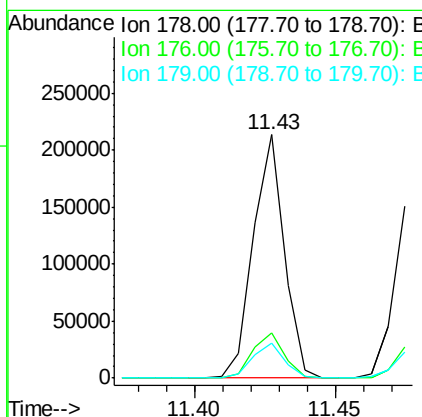
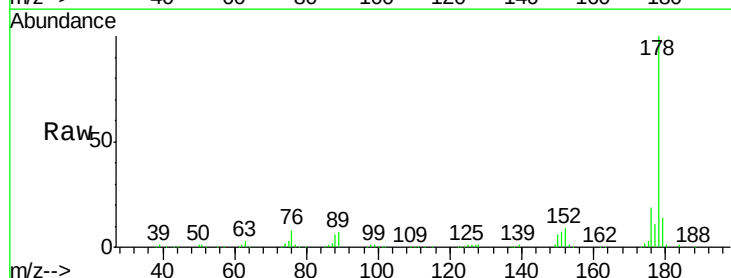
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

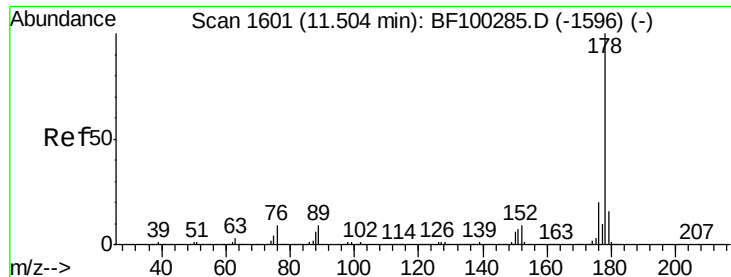
Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	64.6	49.5	74.3



#70
 Phenanthrene
 Concen: 10.59 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.5	13.0	19.6





#71

Anthracene

Concen: 8.99 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

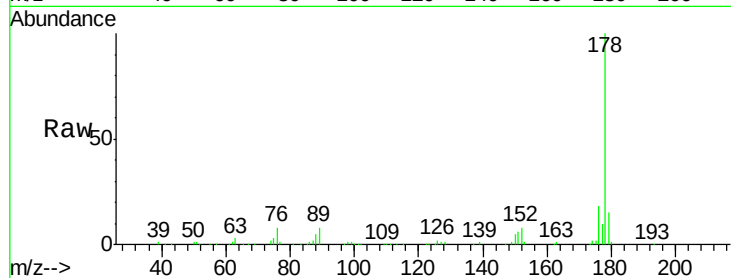
Tgt Ion:178 Resp: 140488

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

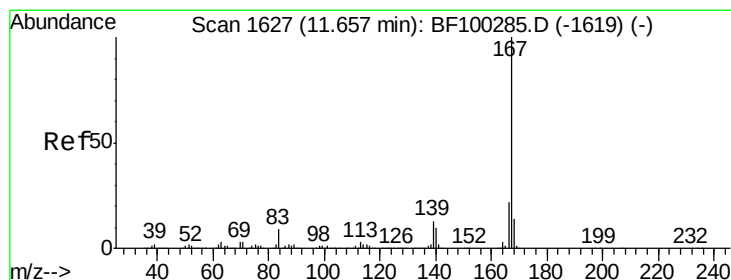
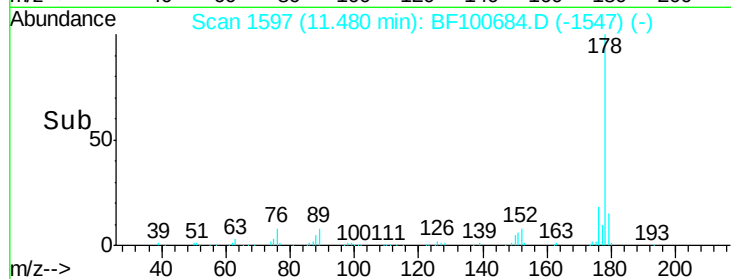
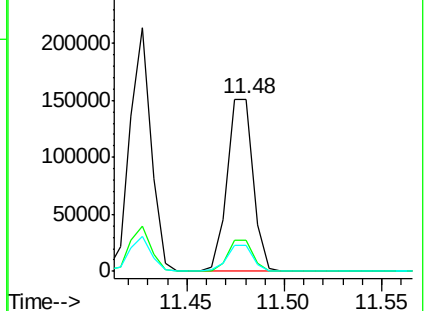
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.61 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

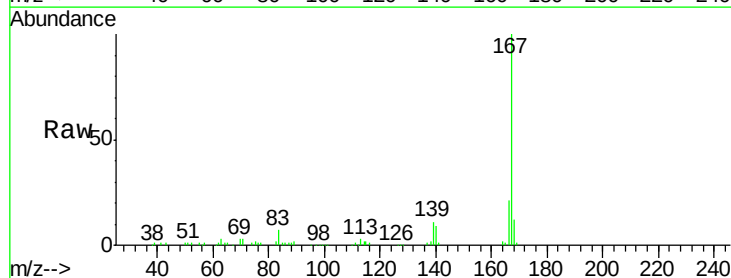
Tgt Ion:167 Resp: 109775

Ion Ratio Lower Upper

167 100

166 20.6 17.6 26.4

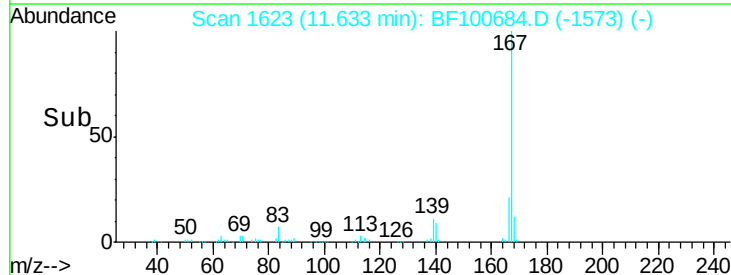
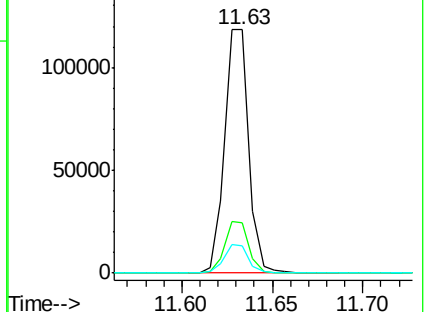
139 11.1 10.9 16.3

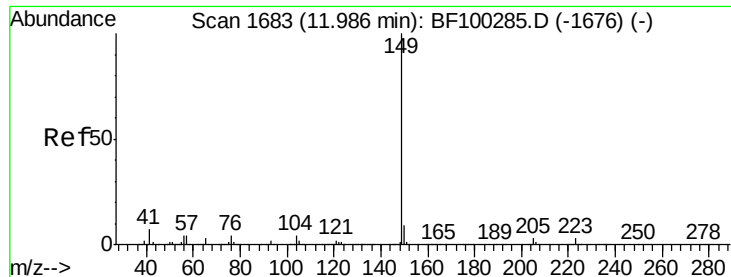


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 8.18 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

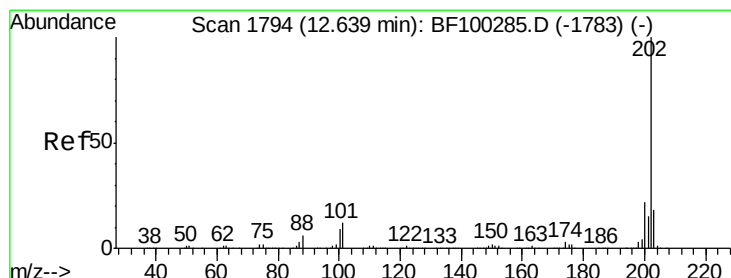
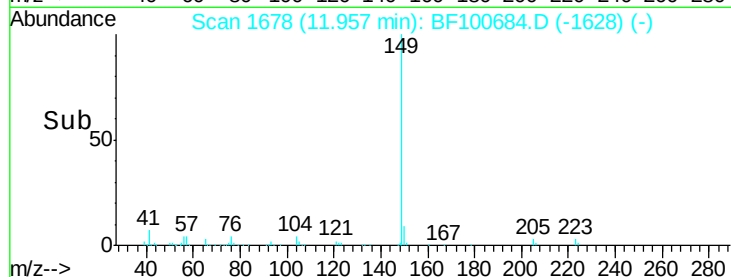
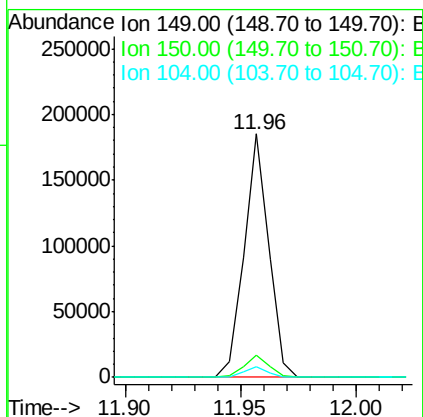
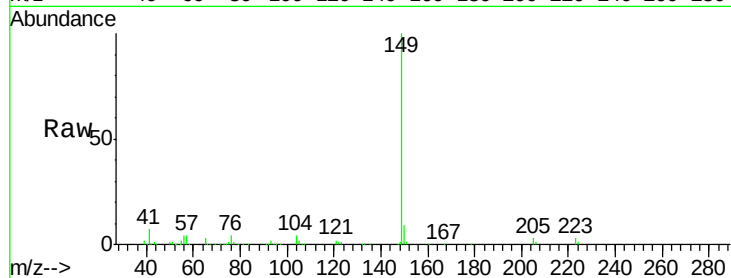
Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

Tgt Ion:	149	Resp:	138103
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	4.3	3.8	5.8



#74

Fluoranthene

Concen: 9.14 ng

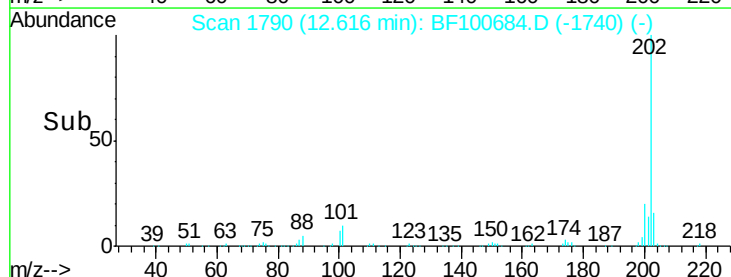
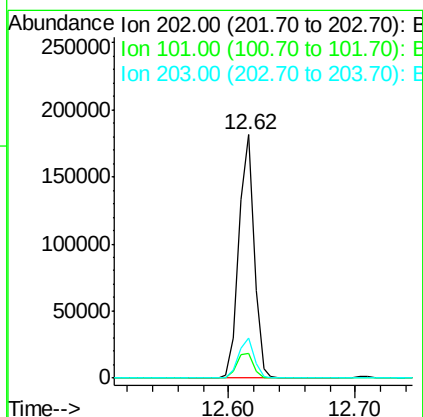
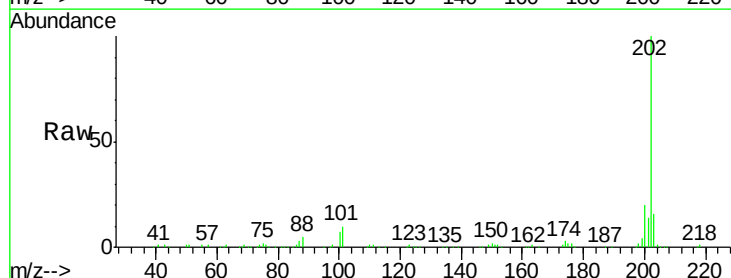
RT: 12.62 min Scan# 1790

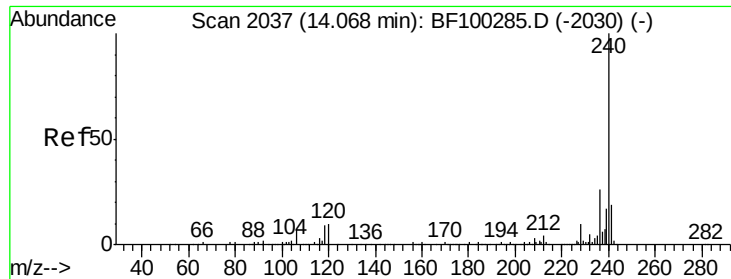
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	202	Resp:	149317
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

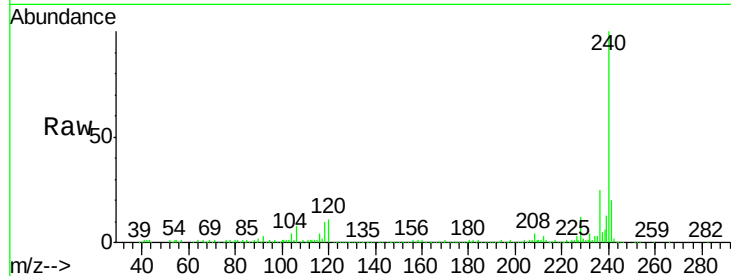
Tgt Ion:240 Resp: 215126

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

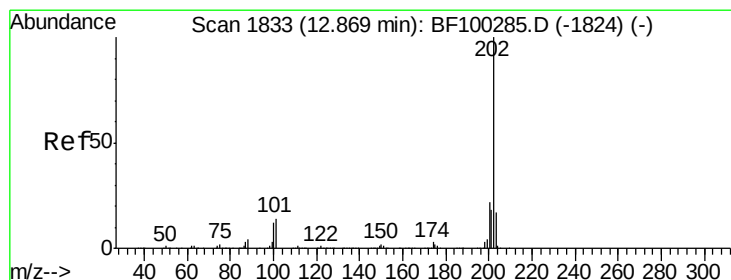
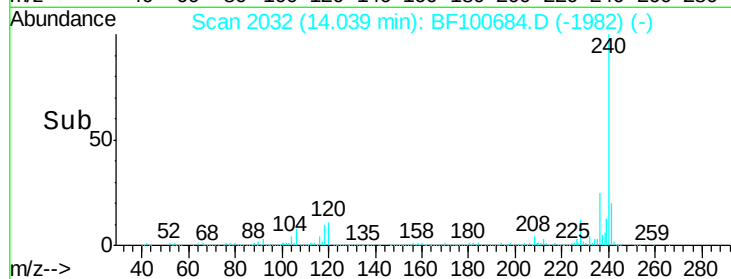
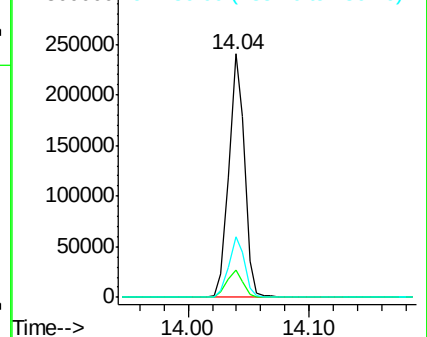
236 25.1 20.7 31.1



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



#77

Pyrene

Concen: 9.30 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

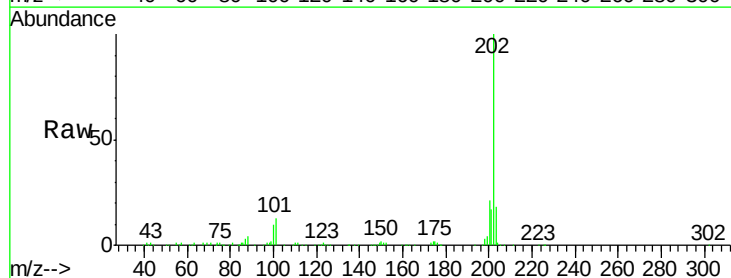
Tgt Ion:202 Resp: 142669

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

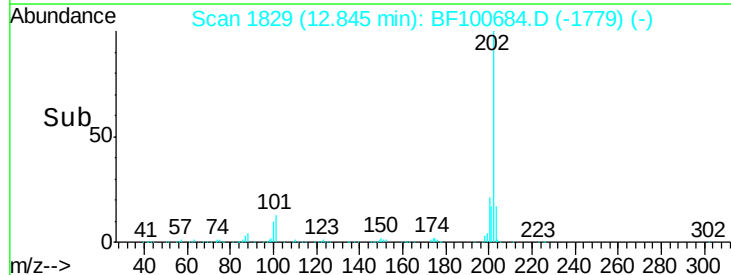
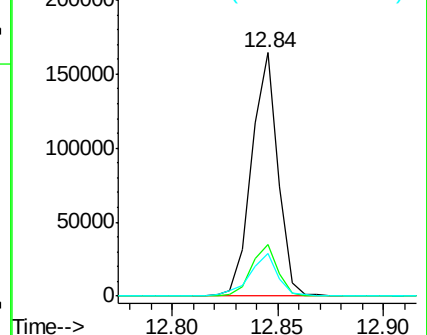
203 17.6 14.3 21.5

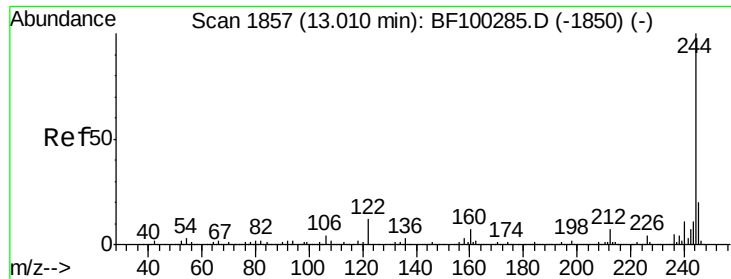


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

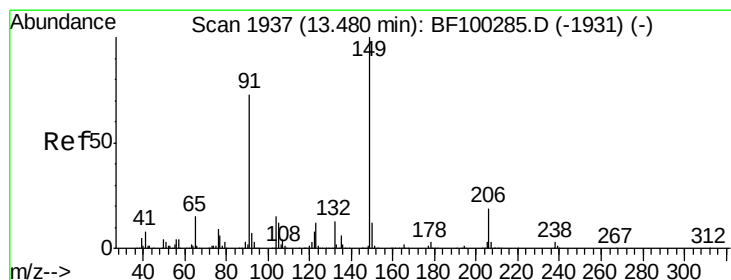
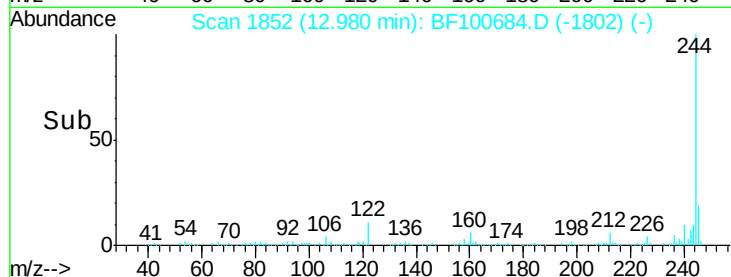
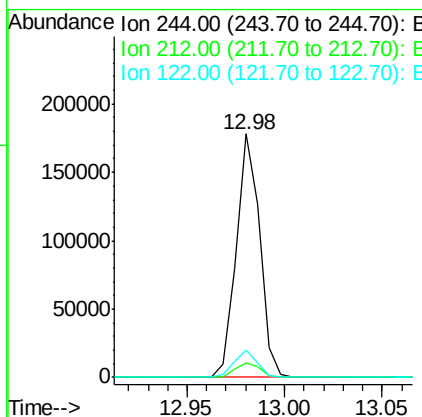
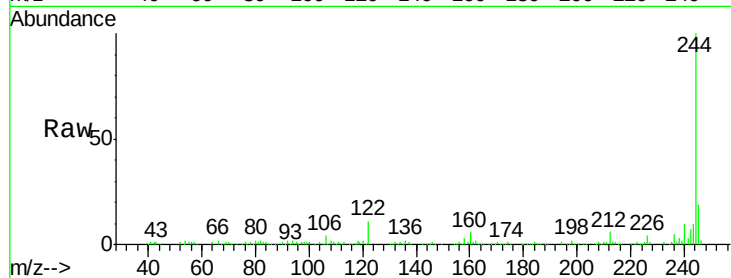




#78
 Terphenyl-d14
 Concen: 15.84 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

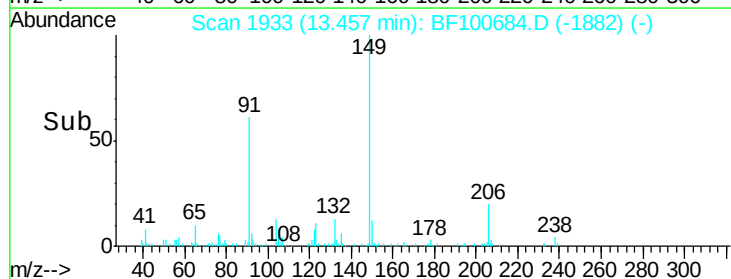
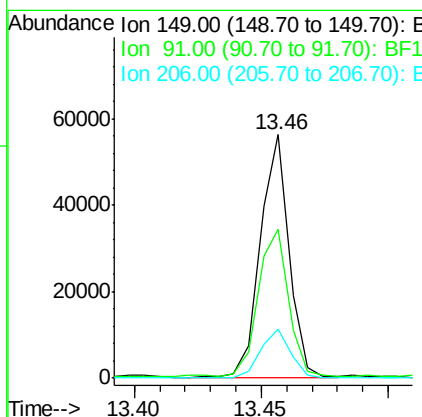
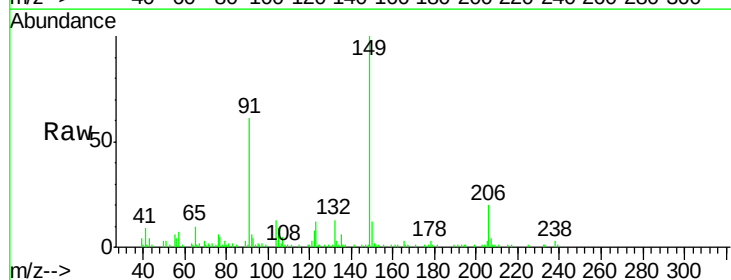
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MSD

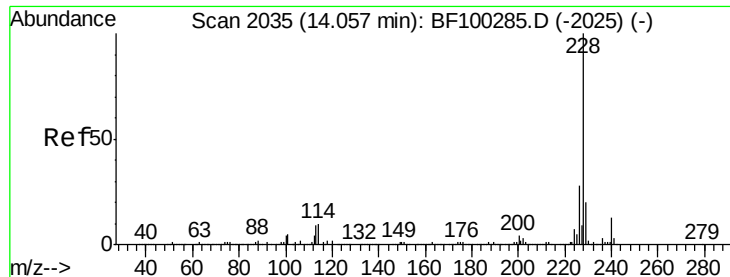
Tgt Ion: 244 Resp: 148273
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 11.3 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 7.23 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF100684.D
 Acq: 17 Nov 2017 20:10

Tgt Ion: 149 Resp: 45217
 Ion Ratio Lower Upper
 149 100
 91 61.0 56.8 85.2
 206 20.1 14.1 21.1





#80

Benzo(a)anthracene

Concen: 9.16 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

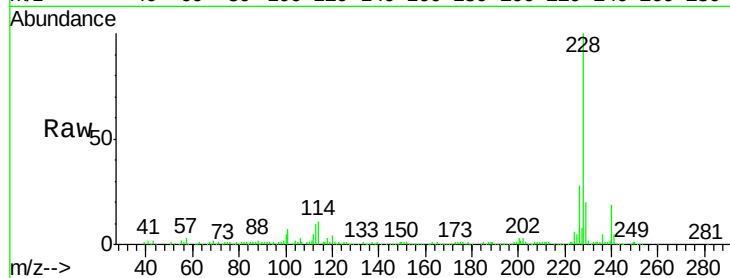
Tgt Ion:228 Resp: 118646

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

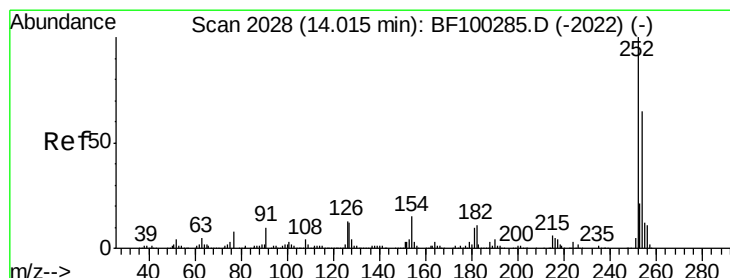
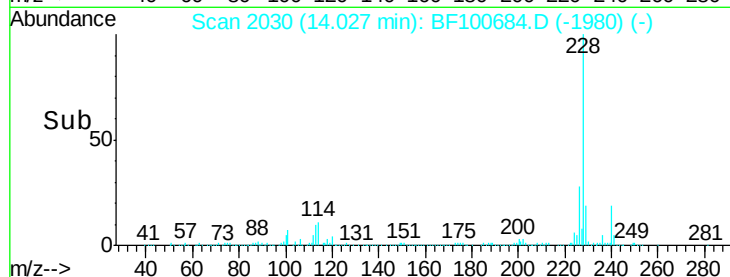
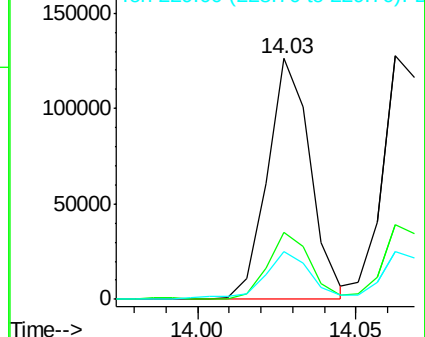
229 19.8 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 5.90 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

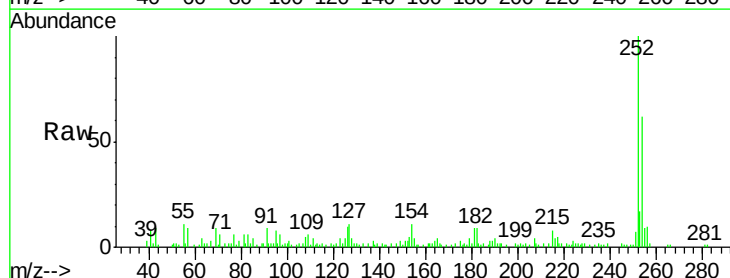
Tgt Ion:252 Resp: 27396

Ion Ratio Lower Upper

252 100

254 62.1 50.4 75.6

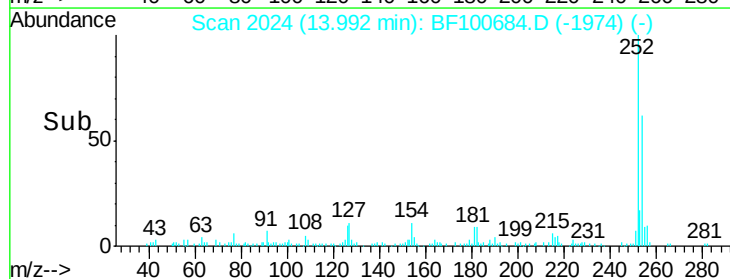
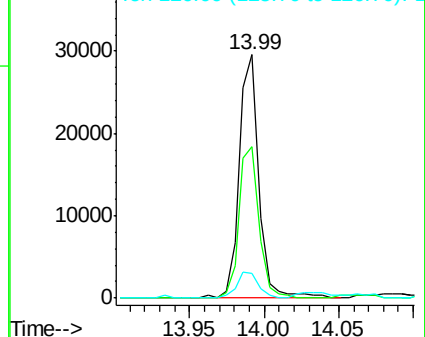
126 10.3 11.3 16.9#

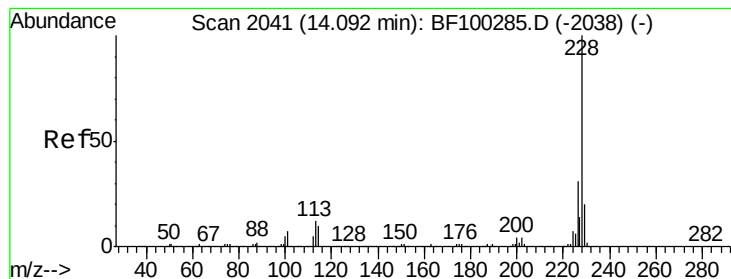


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 9.28 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

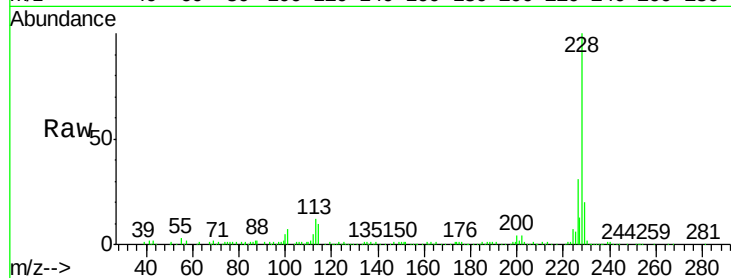
Tgt Ion:228 Resp: 116443

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

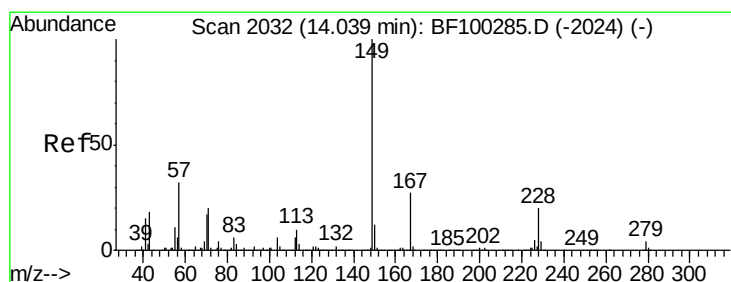
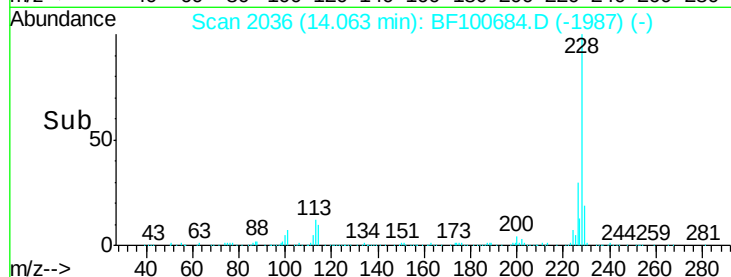
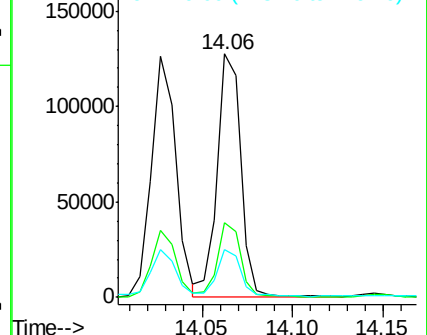
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.60 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

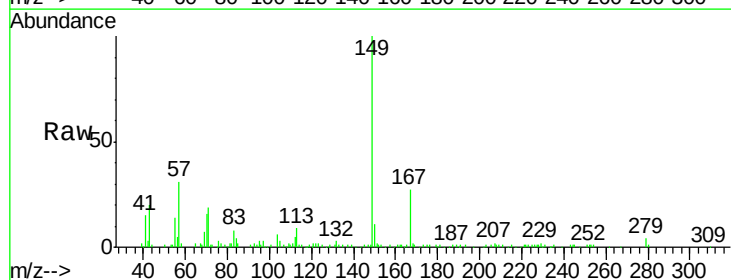
Tgt Ion:149 Resp: 62543

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

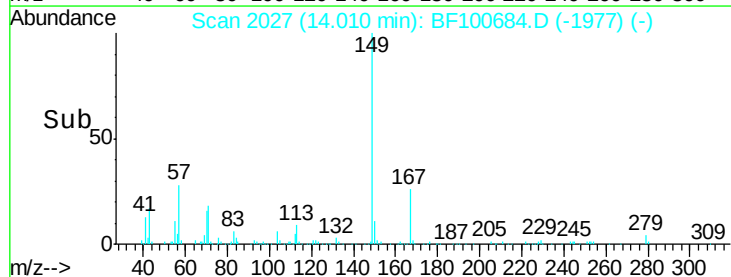
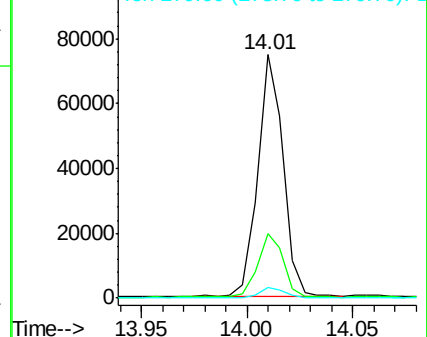
279 4.3 3.0 4.4

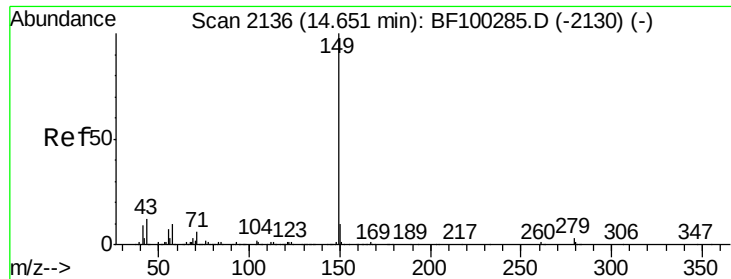


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 7.78 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

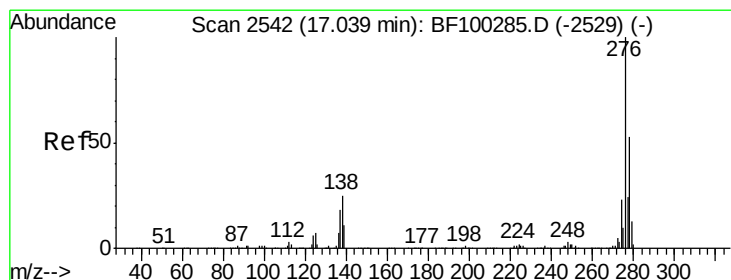
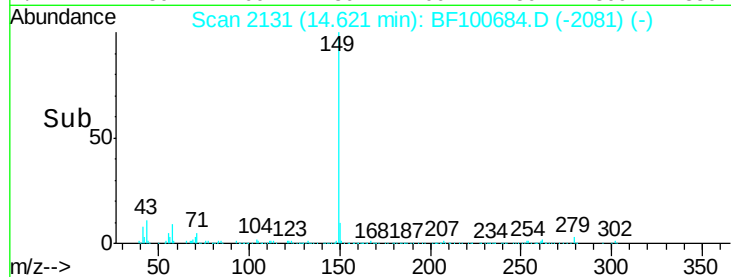
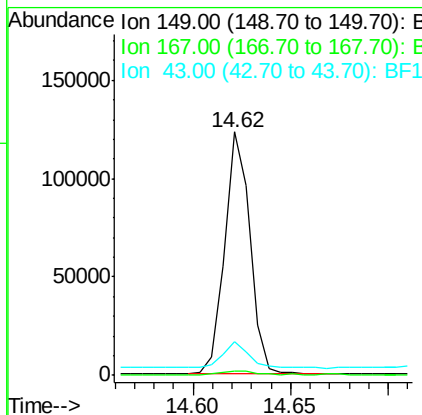
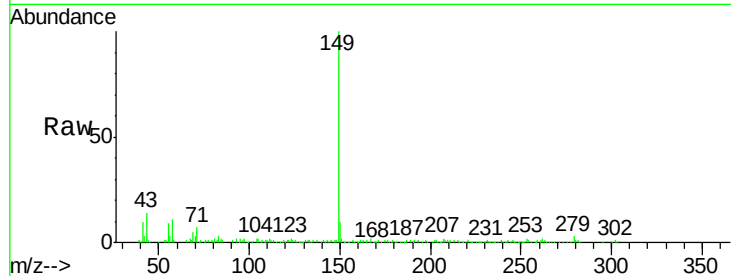
Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

Tgt Ion:	149	Resp:	109992
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	11.2	8.4	12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.38 ng

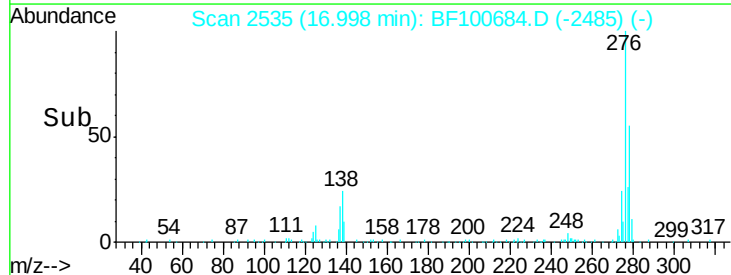
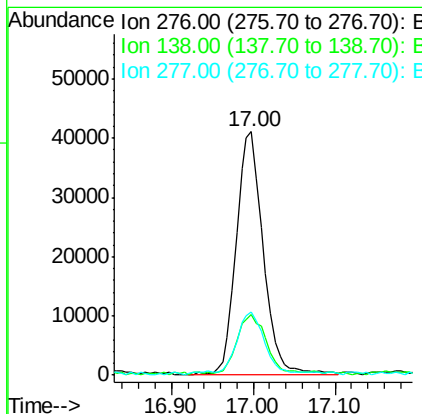
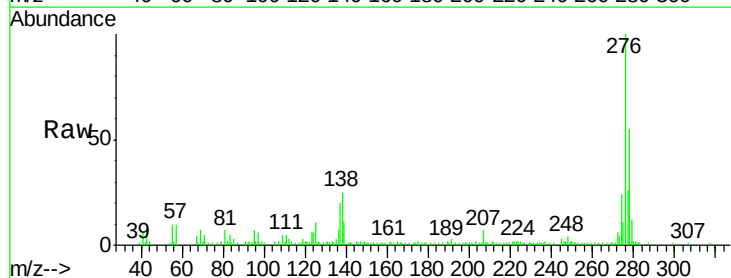
RT: 17.00 min Scan# 2535

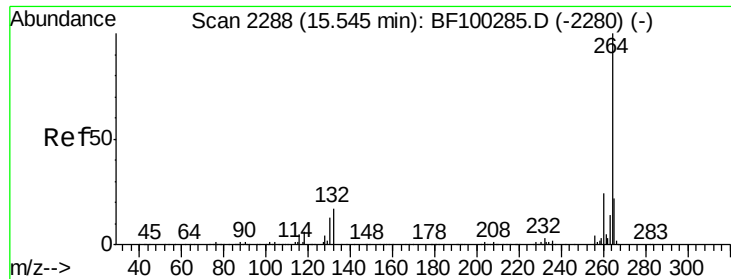
Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Tgt Ion:	276	Resp:	95196
Ion Ratio	Lower	Upper	
276	100		
138	25.9	25.0	37.6
277	28.1	20.1	30.1



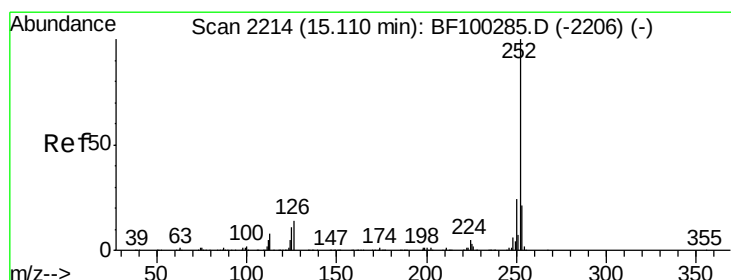
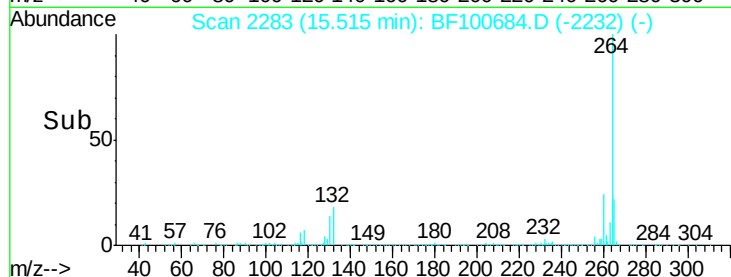
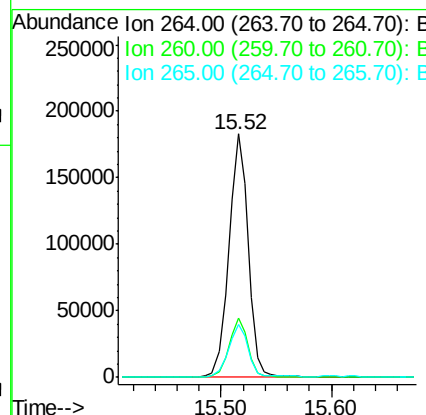
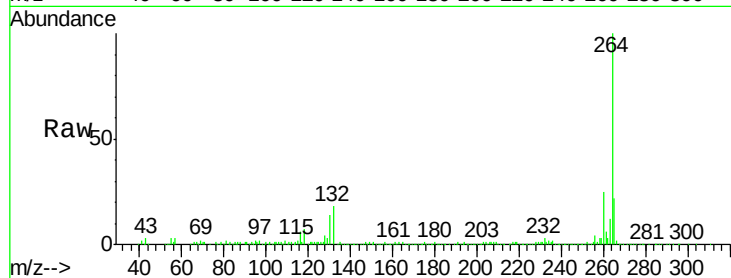


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Tgt Ion: 264 Resp: 224772

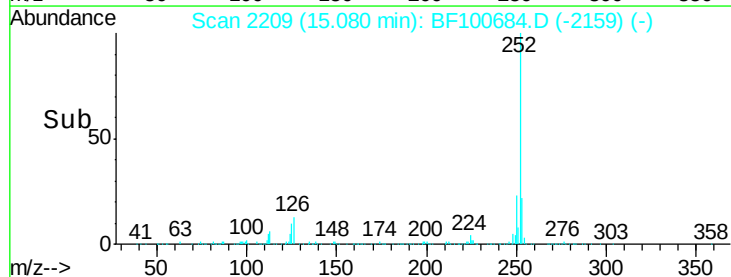
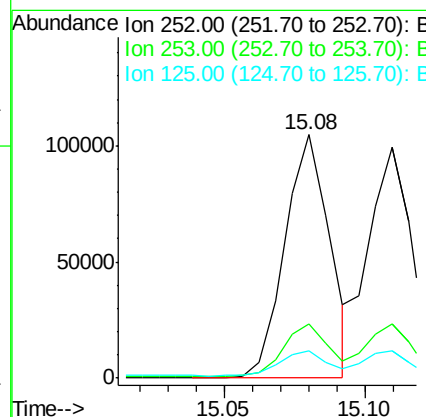
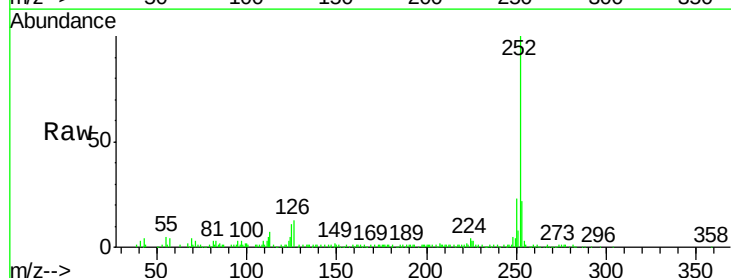
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

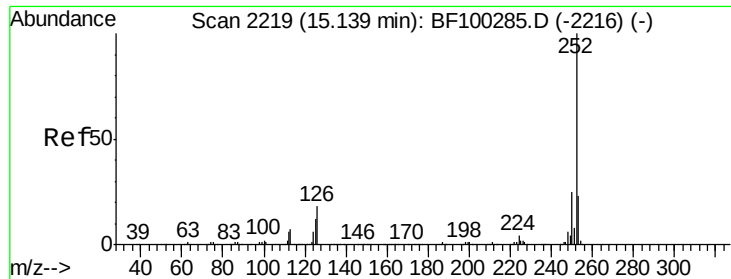


#87
Benzo(b)fluoranthene
Concen: 8.59 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion: 252 Resp: 114407

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.4	9.0	13.6

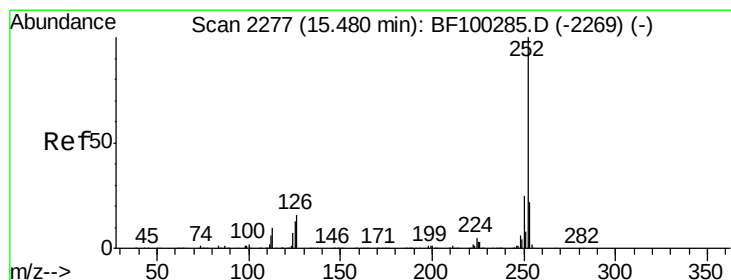
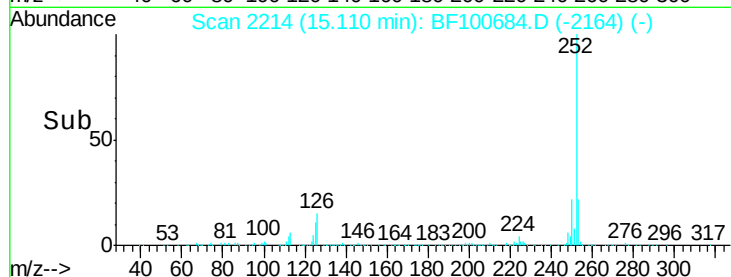
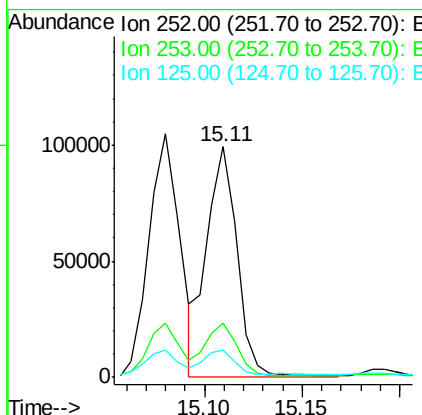
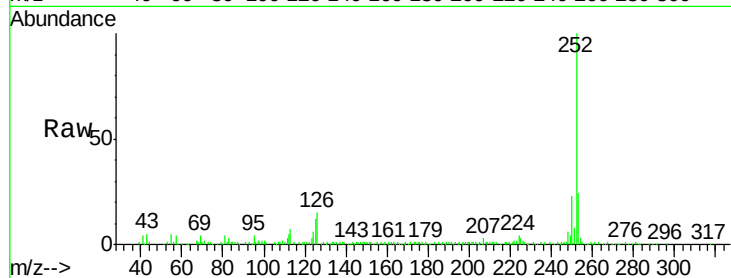




#88
Benzo(k)fluoranthene
Concen: 8.50 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

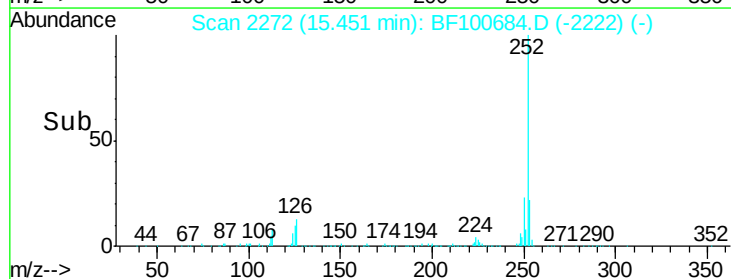
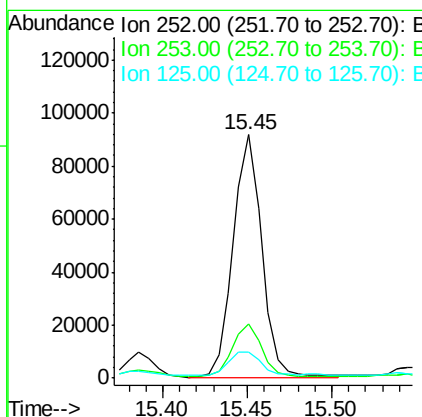
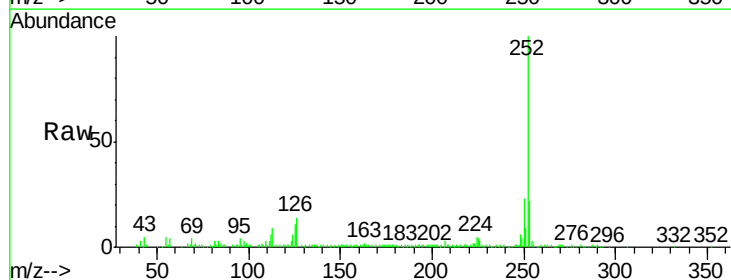
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

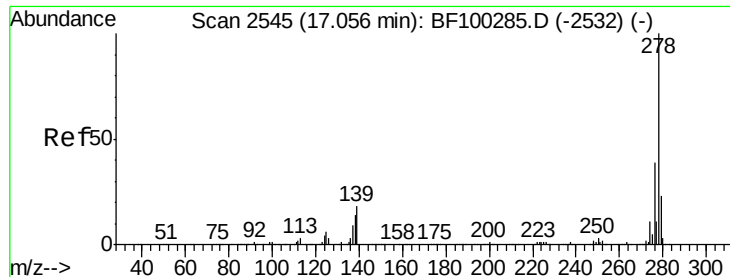
Tgt Ion:252 Resp: 106941
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 9.14 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100684.D
Acq: 17 Nov 2017 20:10

Tgt Ion:252 Resp: 107923
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.9 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 8.08 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MSD

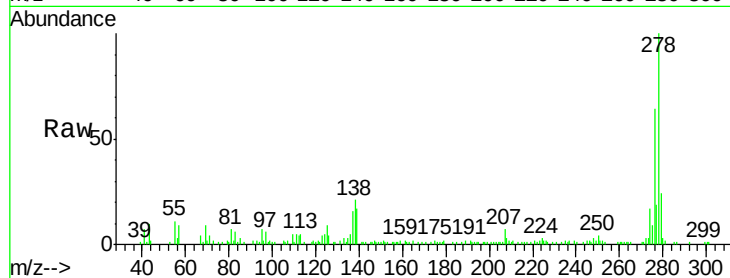
Tgt Ion:278 Resp: 78058

Ion Ratio Lower Upper

278 100

139 16.7 15.9 23.9

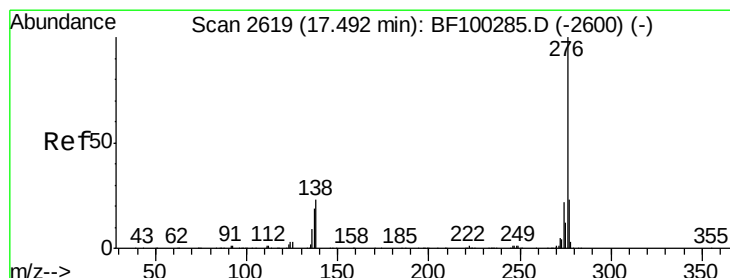
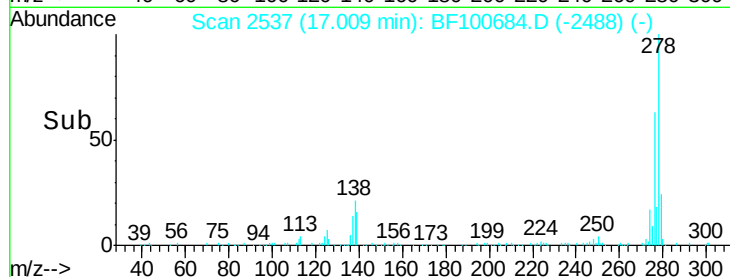
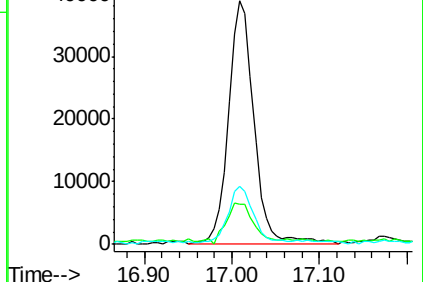
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.13 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100684.D

Acq: 17 Nov 2017 20:10

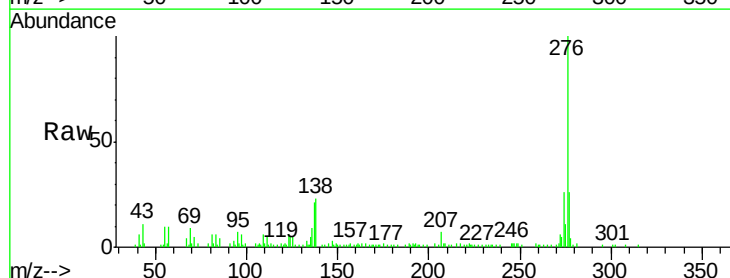
Tgt Ion:276 Resp: 76790

Ion Ratio Lower Upper

276 100

277 25.8 17.9 26.9

138 22.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

