

Data File : BF100683.D
Acq On : 17 Nov 2017 19:43
Operator : SJ/JU
Sample : I6289-05MS 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Quant Time: Nov 17 22:22:58 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	97146	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	392873	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	184518	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350250	20.00	ng	0.00
75) Chrysene-d12	14.04	240	232337	20.00	ng	0.00
86) Perylene-d12	15.52	264	244229	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	140281	23.15	ng	0.00
7) Phenol-d6	6.50	99	173112	23.16	ng	-0.01
23) Nitrobenzene-d5	7.44	82	100989	16.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	48114	25.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	229359	18.93	ng	0.00
78) Terphenyl-d14	12.98	244	192057	18.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	17561	5.95	ng	96
3) Pyridine	3.47	79	38851	4.82	ng	91
4) n-Nitrosodimethylamine	3.38	42	23768	6.08	ng	87
6) Aniline	6.54	93	33250	3.15	ng	98
8) 2-Chlorophenol	6.66	128	52270	8.15	ng	96
9) Benzaldehyde	6.43	77	19294	3.62	ng	94
10) Phenol	6.51	94	71587	9.12	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	48411	7.35	ng	98
12) 1,3-Dichlorobenzene	6.82	146	58322	7.89	ng	97
13) 1,4-Dichlorobenzene	6.90	146	59788	7.99	ng	96
14) 1,2-Dichlorobenzene	7.05	146	56401	8.15	ng	95
15) Benzyl Alcohol	7.02	79	44035	7.55	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	82657	7.84	ng	98
17) 2-Methylphenol	7.12	107	43838	8.00	ng	97
18) Hexachloroethane	7.39	117	19431	7.88	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	36546	7.05	ng	95
20) 3+4-Methylphenols	7.27	107	56994	8.22	ng	95
22) Acetophenone	7.29	105	76249	7.96	ng	# 97
24) Nitrobenzene	7.46	77	53147	8.69	ng	98
25) Isophorone	7.69	82	95943	7.68	ng	99
26) 2-Nitrophenol	7.77	139	27561	13.91	ng	95
27) 2,4-Dimethylphenol	7.80	122	47127	8.42	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	61185	7.49	ng	99
29) 2,4-Dichlorophenol	8.02	162	47152	8.82	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	49769	8.61	ng	94
31) Naphthalene	8.19	128	163587	8.64	ng	99
32) Benzoic acid	7.87	122	2889	9.91	ng	# 81
33) 4-Chloroaniline	8.23	127	33014	4.19	ng	98
34) Hexachlorobutadiene	8.30	225	26857	7.81	ng	99
35) Caprolactam	8.56	113	12365	6.74	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	46563	8.11	ng	94
37) 2-Methylnaphthalene	8.87	142	112976	8.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	49985	8.17	ng	# 96
40) Hexachlorocyclopentadiene	9.03	237	23839	8.28	ng	99

Data File : BF100683.D
Acq On : 17 Nov 2017 19:43
Operator : SJ/JU
Sample : I6289-05MS 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Quant Time: Nov 17 22:22:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

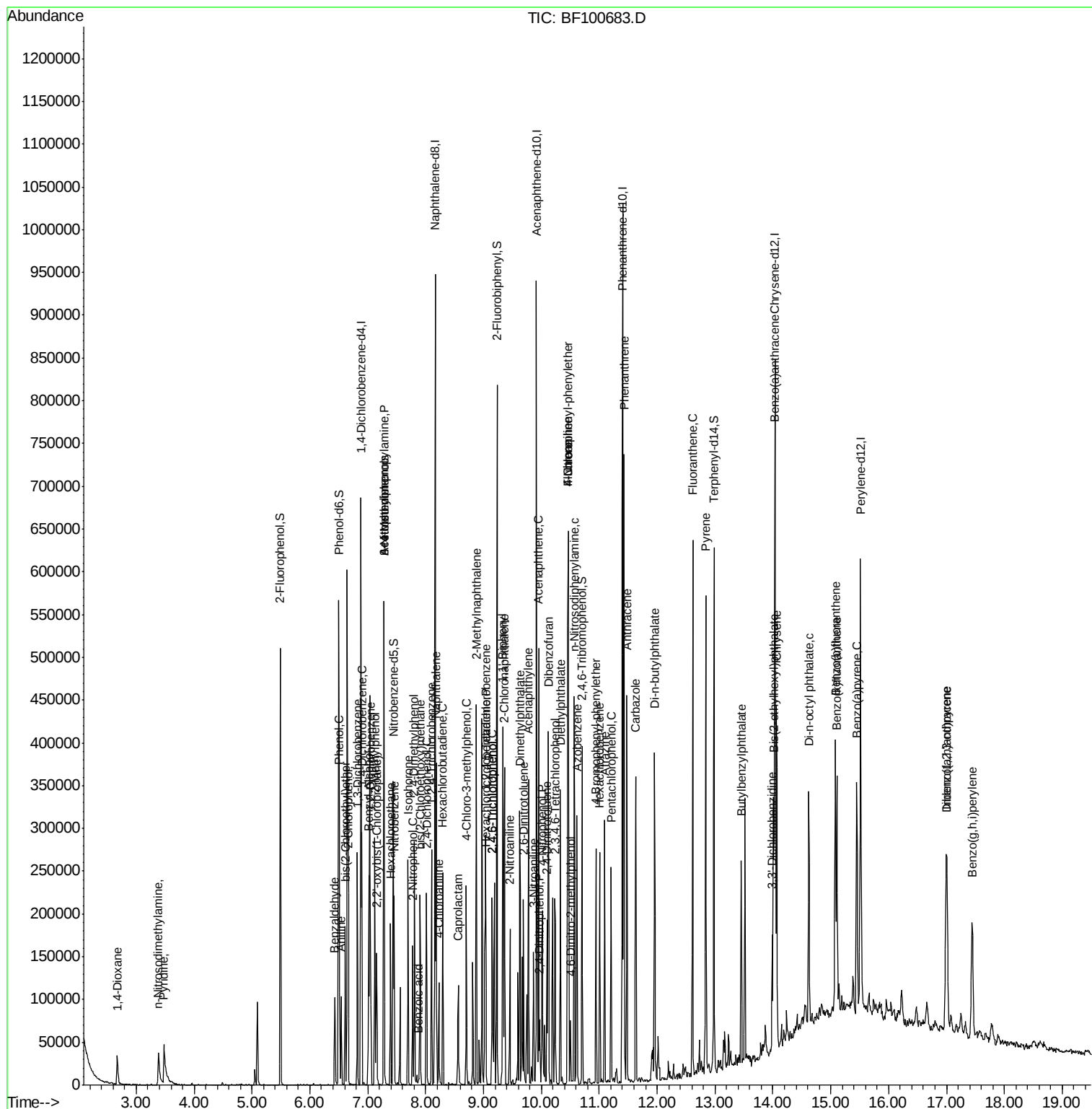
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	33409	8.61	ng	97
43) 2,4,5-Trichlorophenol	9.15	196	33409	8.31	ng	92
45) 1,1'-Biphenyl	9.33	154	134115	8.40	ng	97
46) 2-Chloronaphthalene	9.36	162	102582	8.86	ng	93
47) 2-Nitroaniline	9.46	65	29484	10.90	ng	96
48) Acenaphthylene	9.78	152	161622	8.42	ng	98
49) Dimethylphthalate	9.63	163	122518	8.70	ng	100
50) 2,6-Dinitrotoluene	9.69	165	25078	8.99	ng	93
51) Acenaphthene	9.95	154	105167	9.01	ng	99
52) 3-Nitroaniline	9.86	138	21370	6.49	ng	100
53) 2,4-Dinitrophenol	9.97	184	10266	18.66	ng	# 15
54) Dibenzofuran	10.12	168	149300	9.13	ng	96
55) 4-Nitrophenol	10.02	139	36620	13.70	ng	85
56) 2,4-Dinitrotoluene	10.10	165	32138	9.14	ng	# 88
57) Fluorene	10.46	166	124920	10.43	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	27757	8.43	ng	# 88
59) Diethylphthalate	10.33	149	114444	8.12	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	53680	9.13	ng	# 84
61) 4-Nitroaniline	10.47	138	24988	8.00	ng	85
62) Azobenzene	10.62	77	104773	7.89	ng	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	10137	13.28	ng	80
65) n-Nitrosodiphenylamine	10.57	169	102304	8.40	ng	95
66) 4-Bromophenyl-phenylether	10.95	248	32592	8.68	ng	# 86
67) Hexachlorobenzene	11.01	284	32991	8.40	ng	# 90
68) Atrazine	11.09	200	29530	8.01	ng	98
69) Pentachlorophenol	11.20	266	28621	10.16	ng	99
70) Phenanthrene	11.43	178	253968	13.77	ng	97
71) Anthracene	11.48	178	189667	10.14	ng	97
72) Carbazole	11.63	167	144650	8.38	ng	98
73) Di-n-butylphthalate	11.96	149	172956	8.56	ng	98
74) Fluoranthene	12.62	202	245861	12.58	ng	95
77) Pyrene	12.84	202	220324	13.30	ng	98
79) Butylbenzylphthalate	13.46	149	54336	8.04	ng	89
80) Benzo(a)anthracene	14.03	228	149328	10.67	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	28993	5.78	ng	99
82) Chrysene	14.06	228	140252	10.35	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	73962	8.33	ng	99
84) Di-n-octyl phthalate	14.62	149	117662	7.71	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.00	276	130027	11.87	ng	95
87) Benzo(b)fluoranthene	15.08	252	141523	9.78	ng	97
88) Benzo(k)fluoranthene	15.11	252	124311	9.09	ng	97
89) Benzo(a)pyrene	15.45	252	132551	10.33	ng	97
90) Dibenzo(a,h)anthracene	17.01	278	95315	9.09	ng	97
91) Benzo(g,h,i)perylene	17.44	276	106763	10.40	ng	96

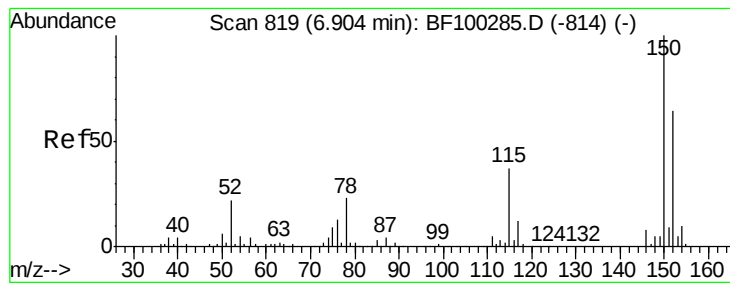
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 5 Sample Multiplier: 1

SU-01-111417MS

Response via : Initial Calibration



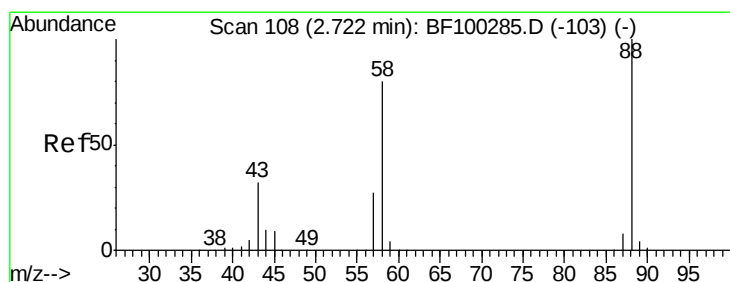
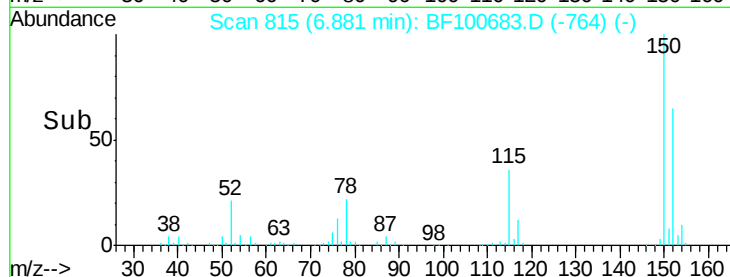
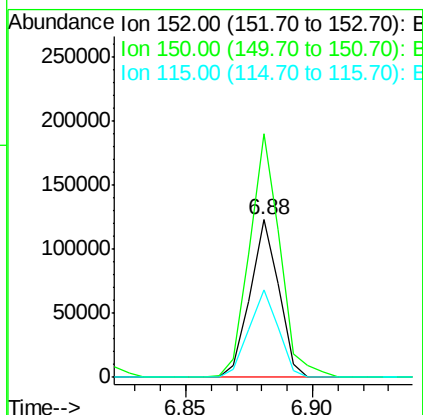
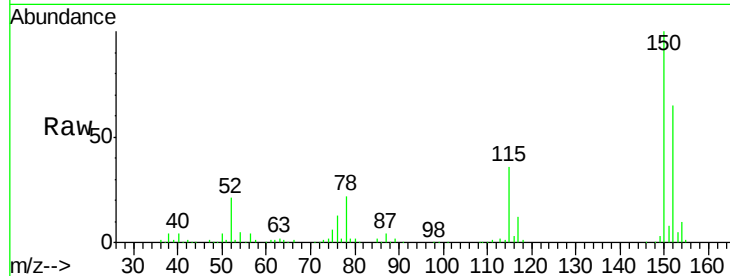


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

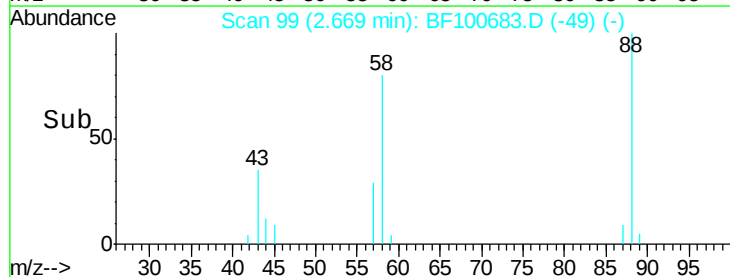
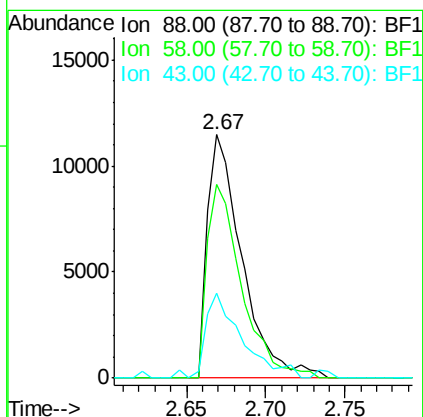
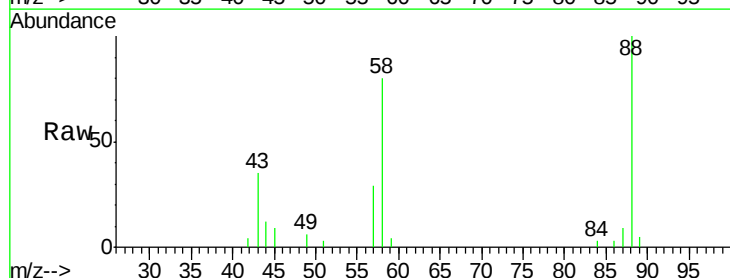
Tgt Ion:152 Resp: 97146
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 56.0 50.1 75.1

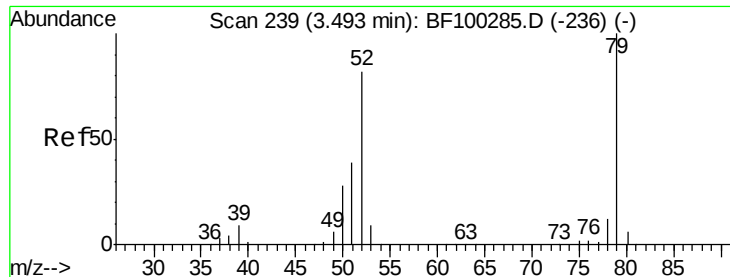


#2

1,4-Dioxane
Concen: 5.95 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion: 88 Resp: 17561
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 36.7 24.6 37.0

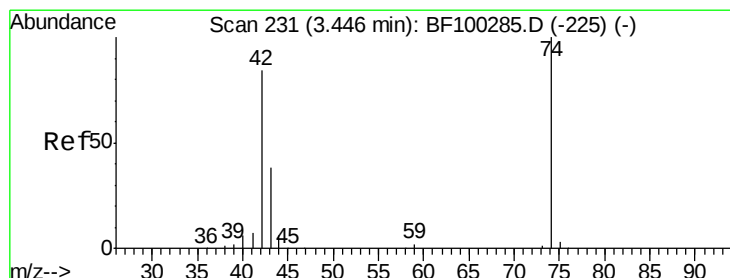
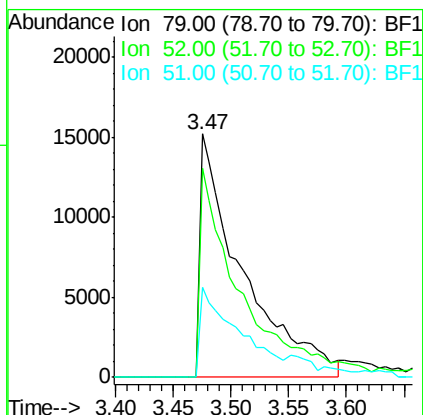
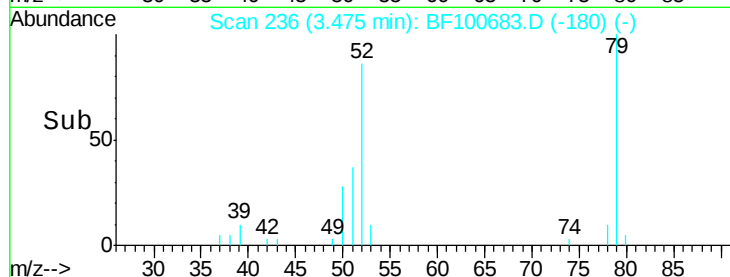
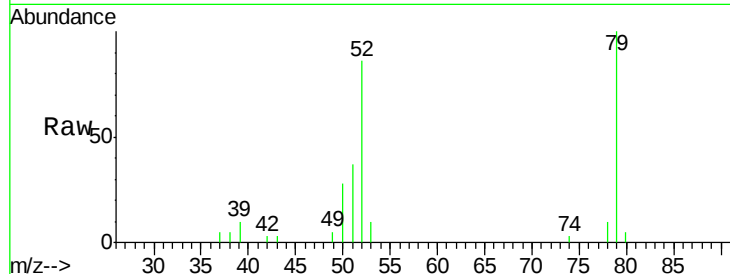




#3
 Pyridine
 Concen: 4.82 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.03 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

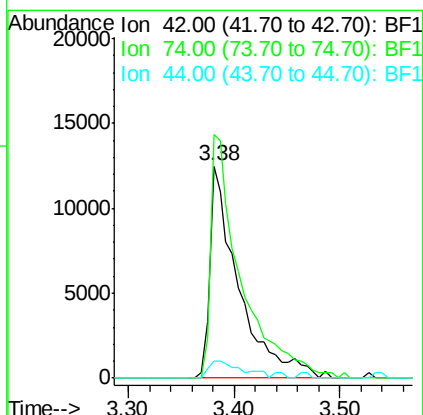
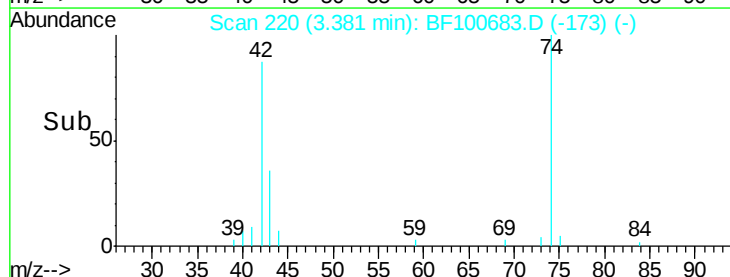
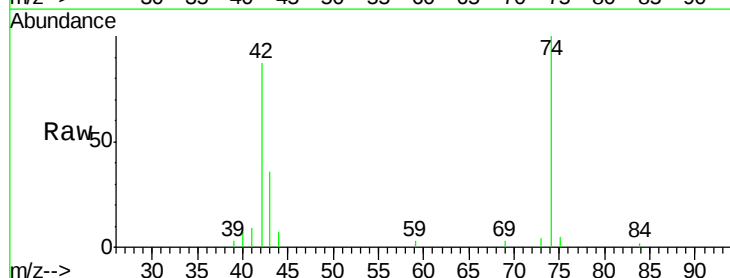
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

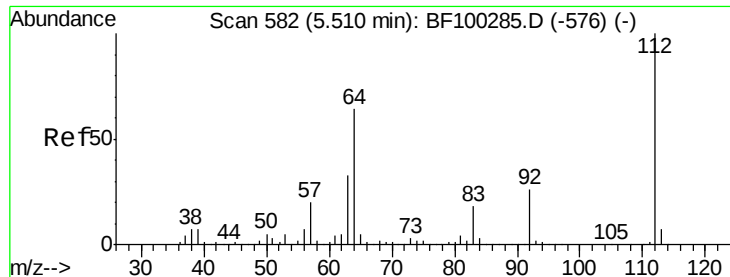
Tgt Ion: 79 Resp: 38851
 Ion Ratio Lower Upper
 79 100
 52 85.7 59.8 89.6
 51 36.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 6.08 ng
 RT: 3.38 min Scan# 220
 Delta R.T. -0.02 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion: 42 Resp: 23768
 Ion Ratio Lower Upper
 42 100
 74 115.1 104.9 157.3
 44 8.2 6.9 10.3

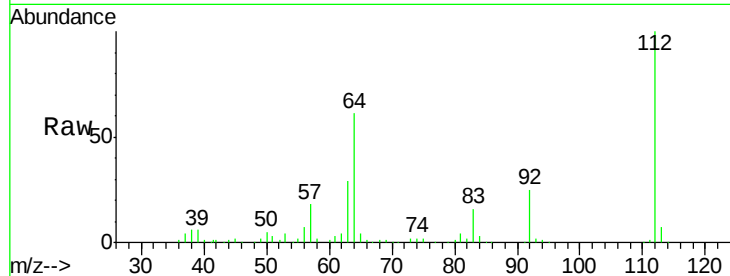




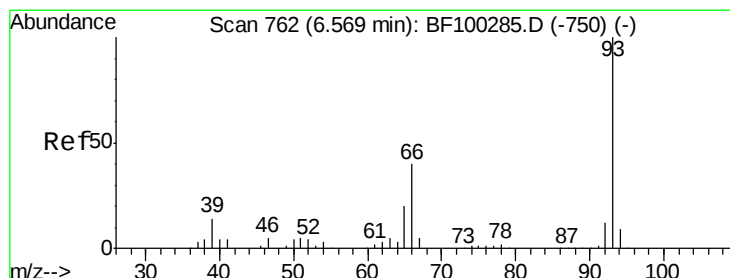
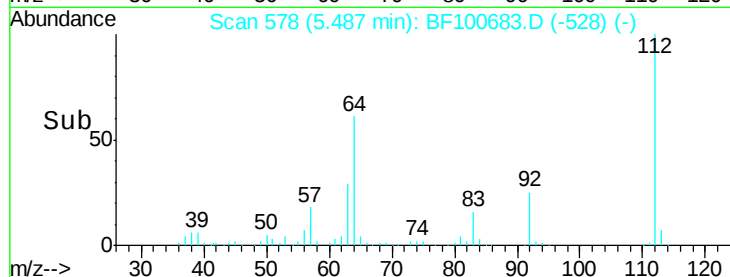
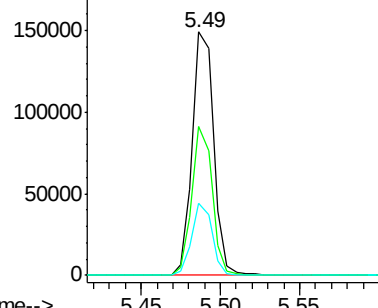
#5
 2-Fluorophenol
 Concen: 23.15 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

Tgt Ion: 112 Resp: 140281
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 29.4 23.7 35.5

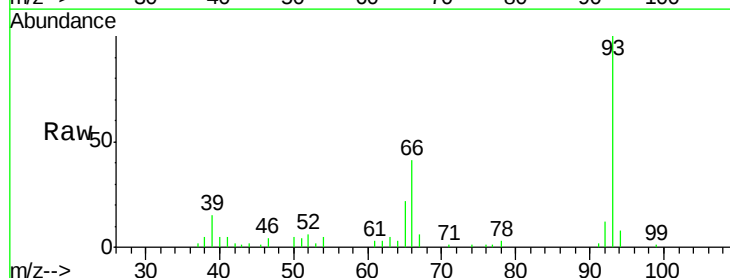


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

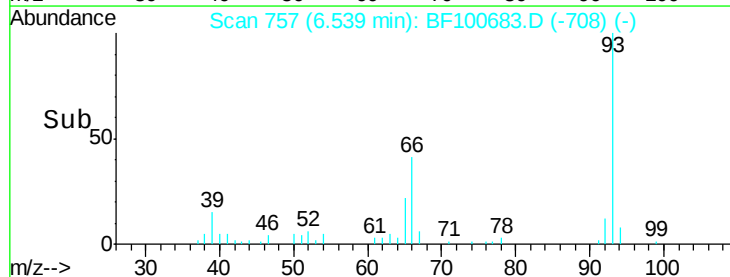
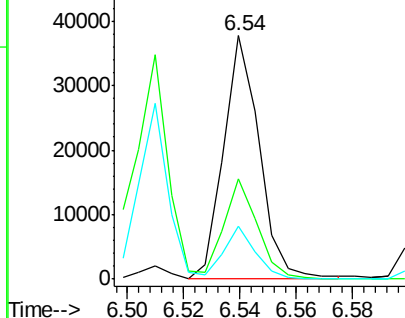


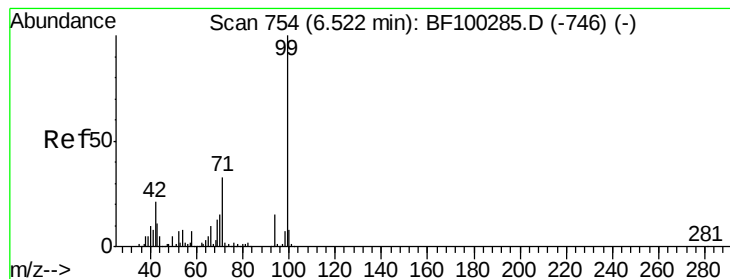
#6
 Aniline
 Concen: 3.15 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion: 93 Resp: 33250
 Ion Ratio Lower Upper
 93 100
 66 41.0 32.2 48.2
 65 21.5 16.4 24.6



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





#7

Phenol-d6

Concen: 23.16 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

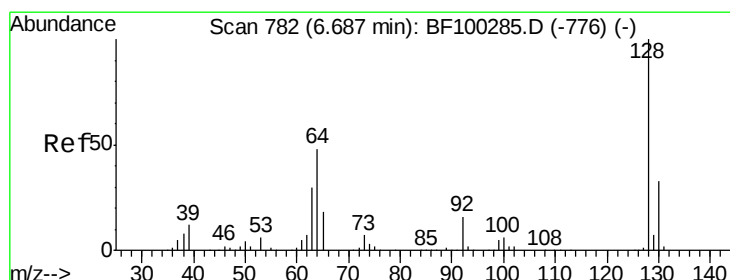
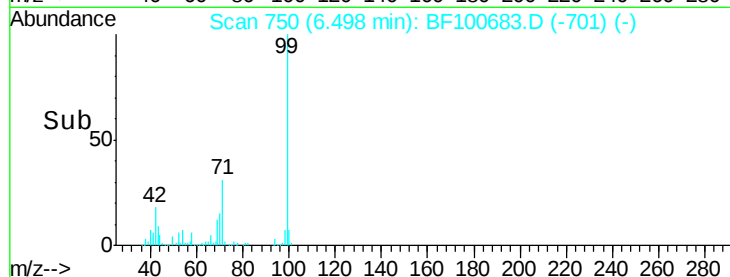
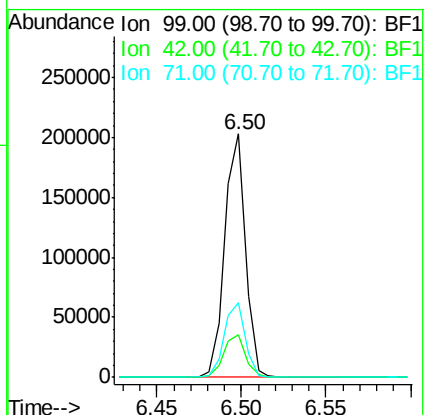
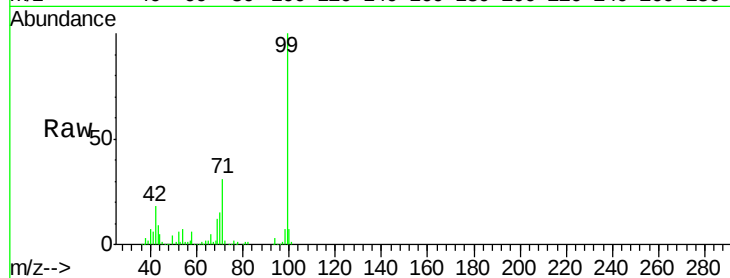
Tgt Ion: 99 Resp: 173112

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 30.6 25.4 38.0



#8

2-Chlorophenol

Concen: 8.15 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

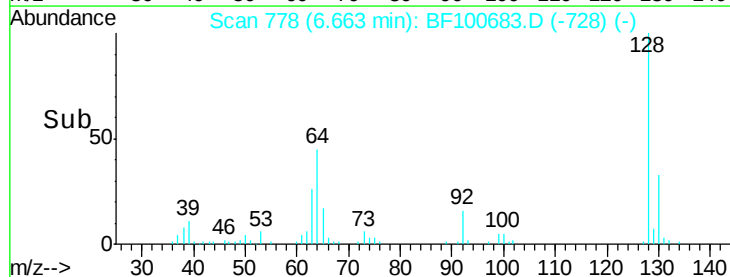
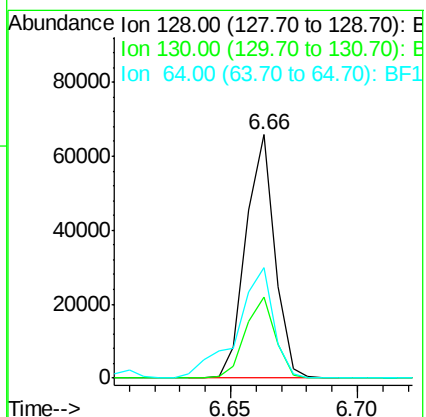
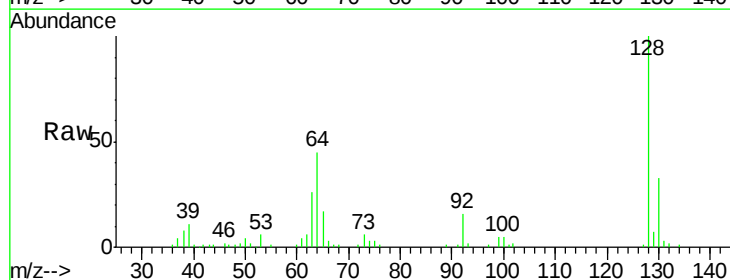
Tgt Ion: 128 Resp: 52270

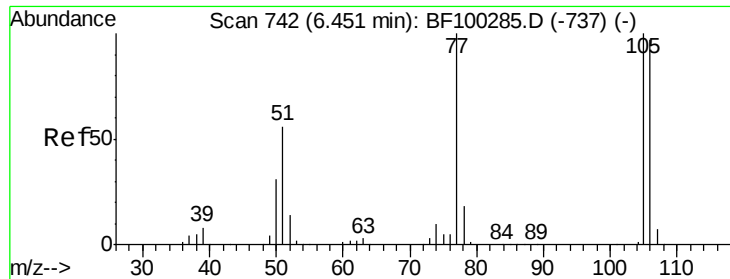
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.2 29.4 69.4





#9

Benzaldehyde

Concen: 3.62 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

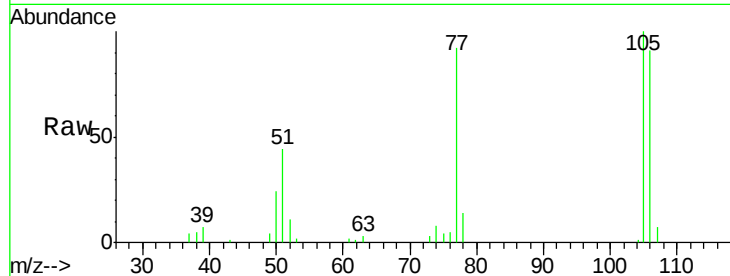
Tgt Ion: 77 Resp: 19294

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

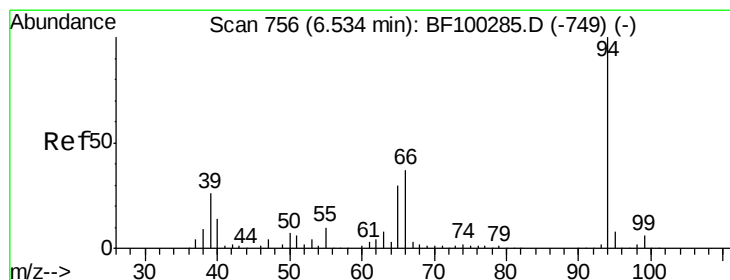
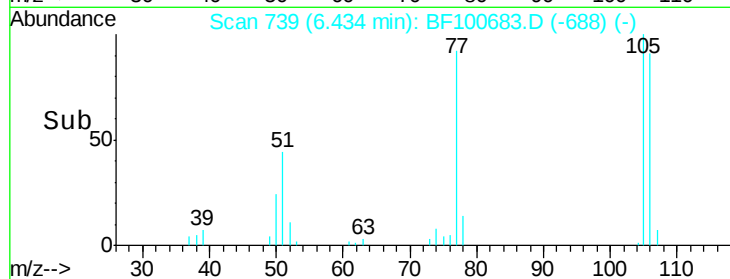
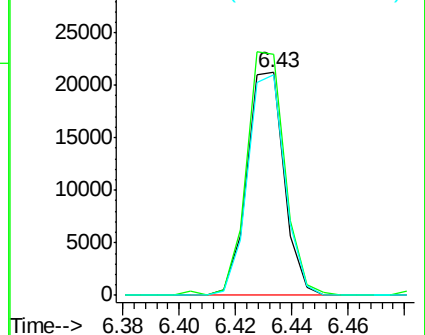
106 98.9 74.5 114.5



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: 9.12 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

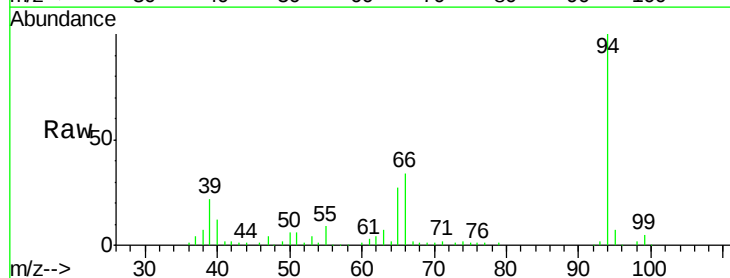
Tgt Ion: 94 Resp: 71587

Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

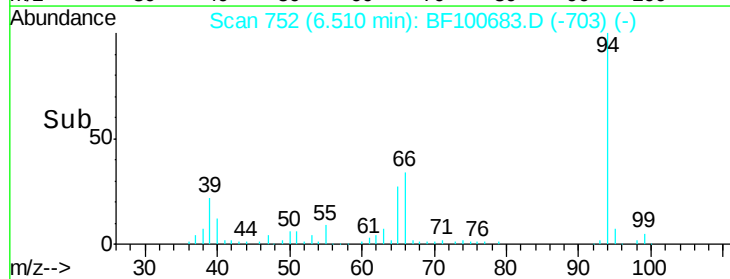
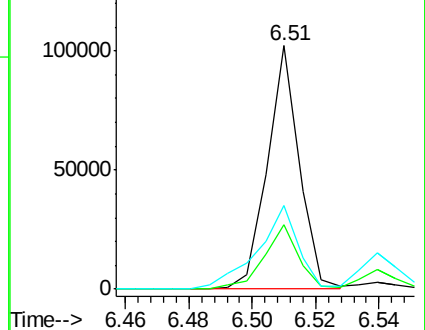
66 34.1 16.2 56.2

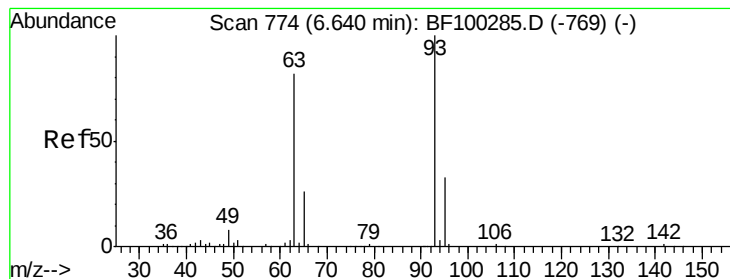


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 7.35 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

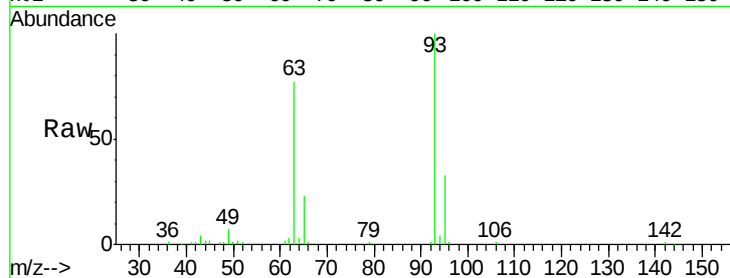
Tgt Ion: 93 Resp: 48411

Ion Ratio Lower Upper

93 100

63 77.2 58.6 98.6

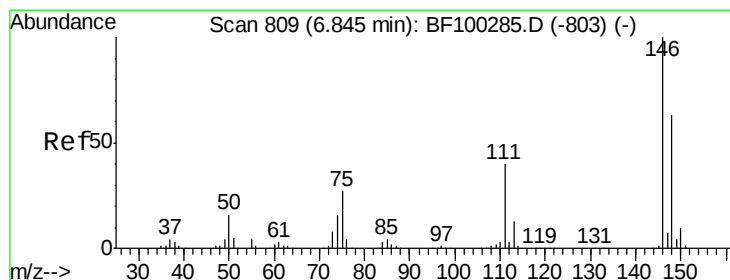
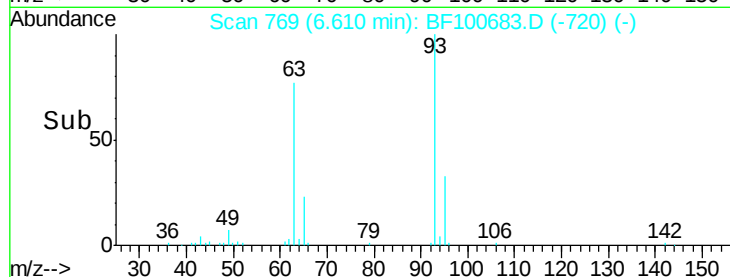
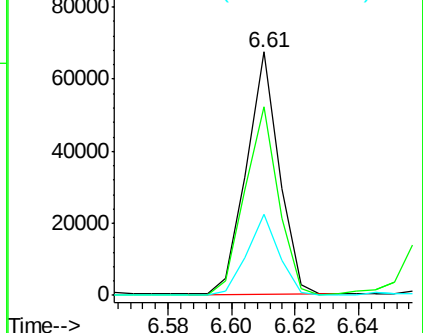
95 33.2 11.8 51.8



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: 7.89 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

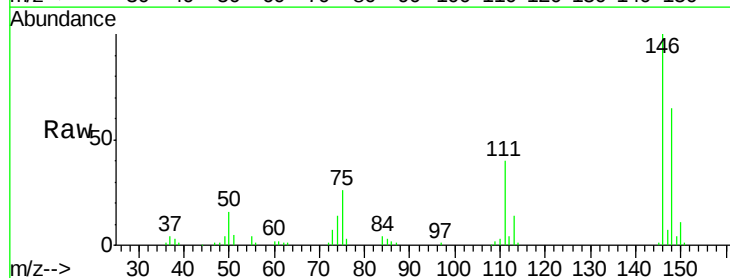
Tgt Ion: 146 Resp: 58322

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

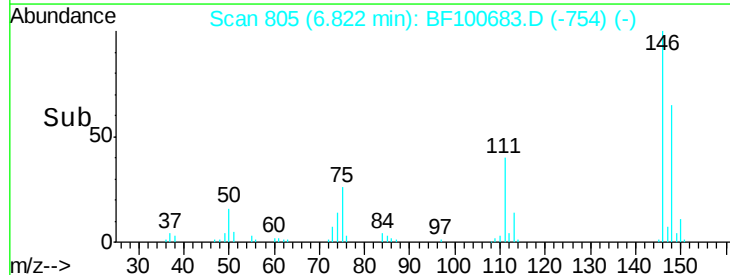
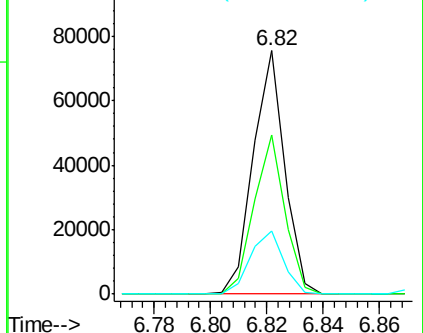
75 25.8 24.2 36.4

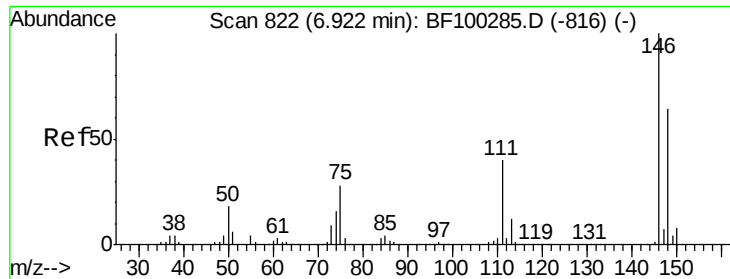


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

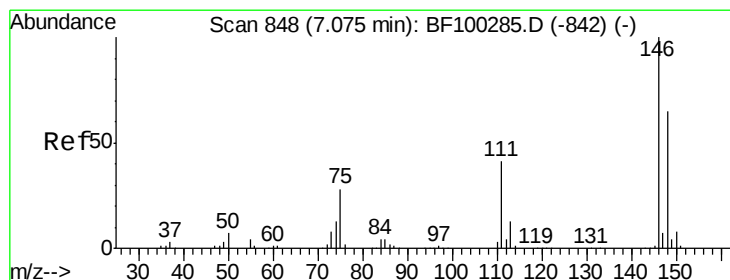
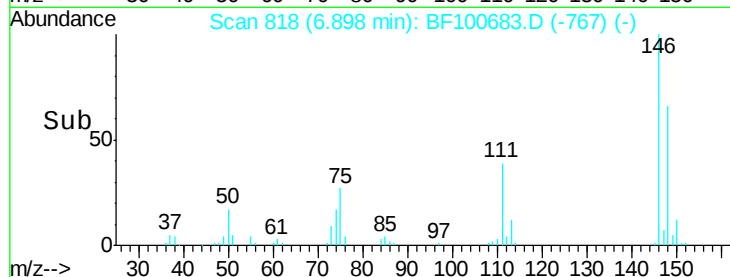
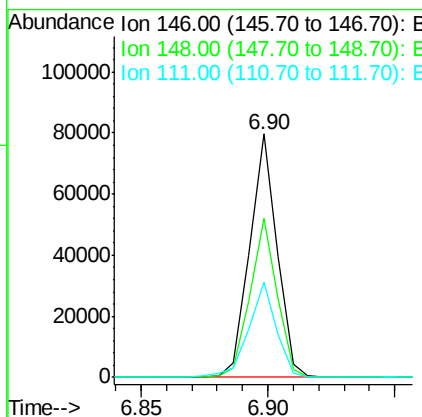
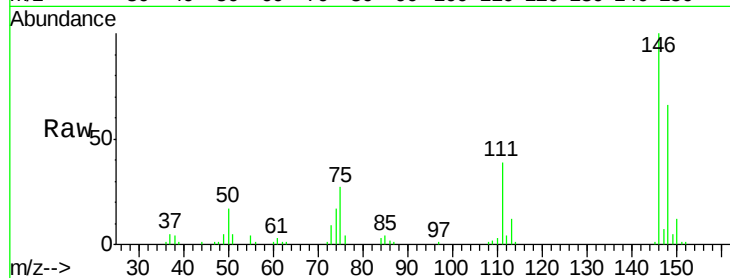




#13
 1,4-Dichlorobenzene
 Concen: 7.99 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

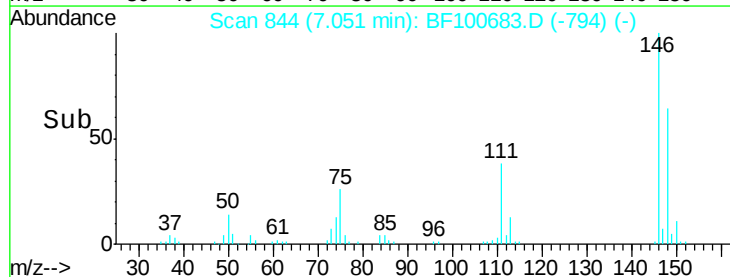
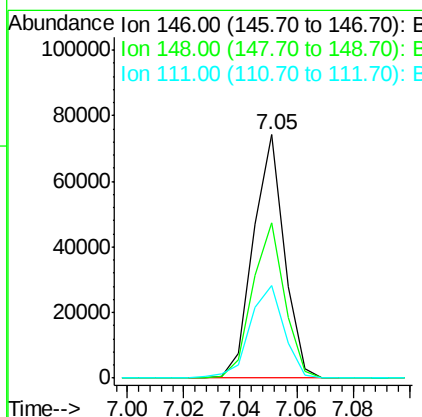
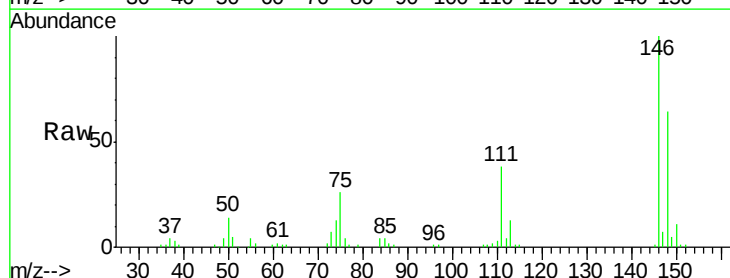
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

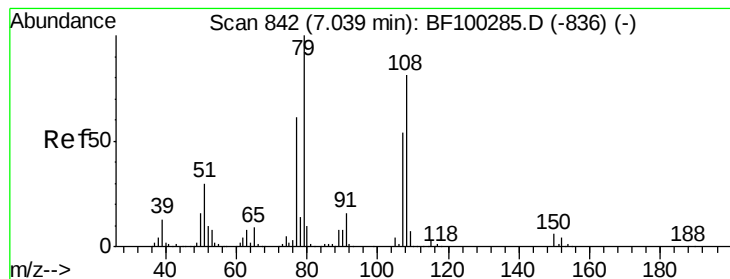
Tgt Ion:146 Resp: 59788
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 38.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 8.15 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:146 Resp: 56401
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 38.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 7.55 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

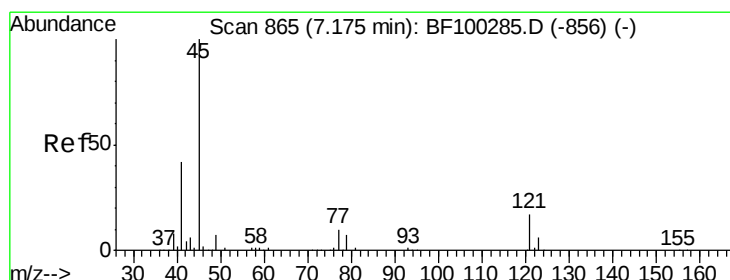
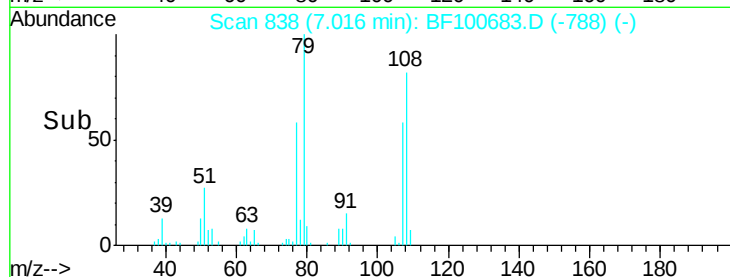
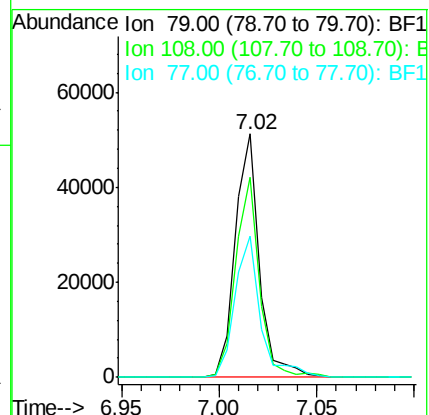
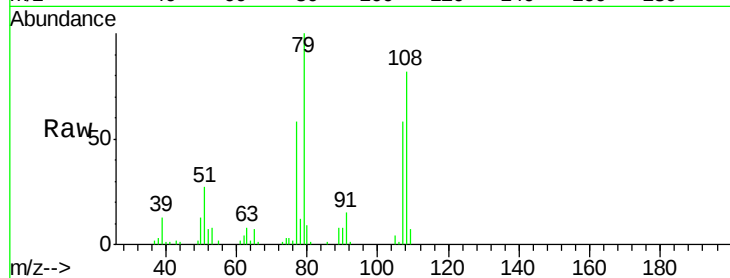
Tgt Ion: 79 Resp: 44035

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

77 58.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.84 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

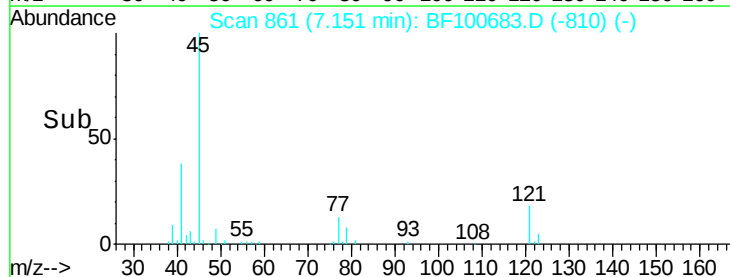
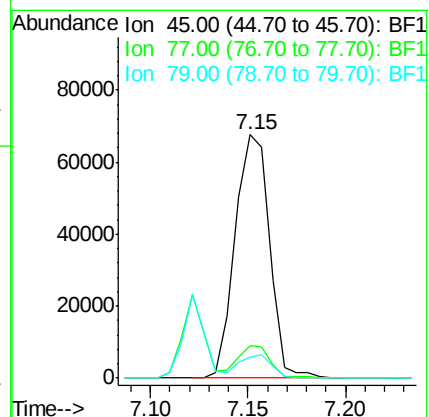
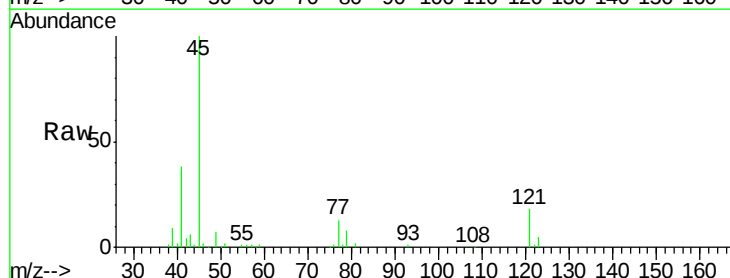
Tgt Ion: 45 Resp: 82657

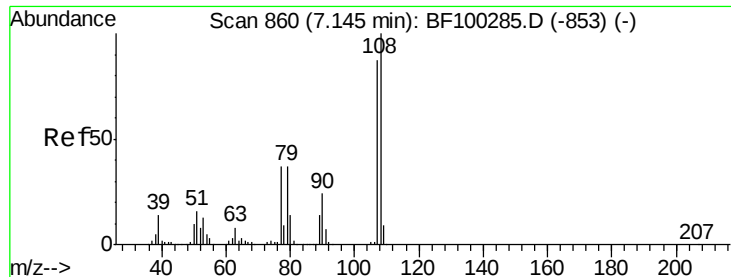
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.9

79 8.4 0.0 29.6

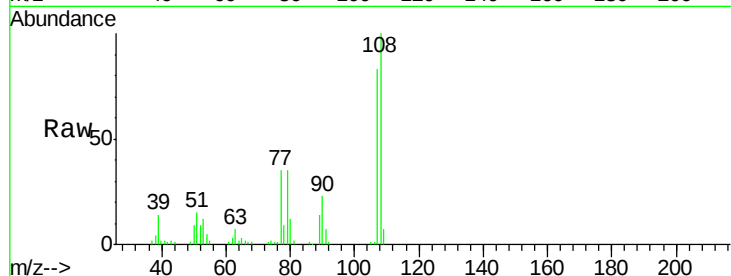




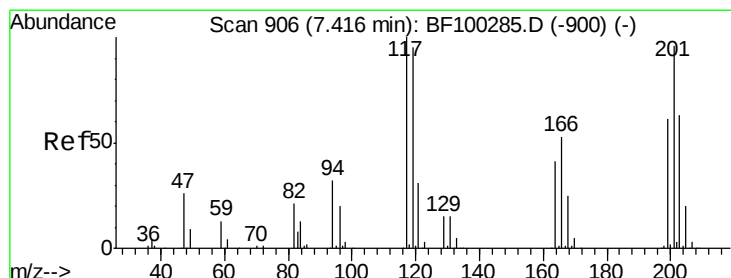
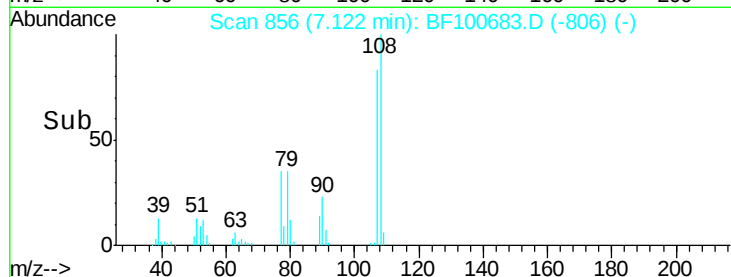
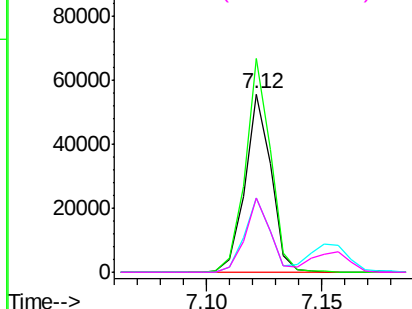
#17
2-Methylphenol
Concen: 8.00 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:107 Resp: 43838
Ion Ratio Lower Upper
107 100
108 119.8 91.7 137.5
77 41.7 33.8 50.8
79 42.0 33.8 50.8

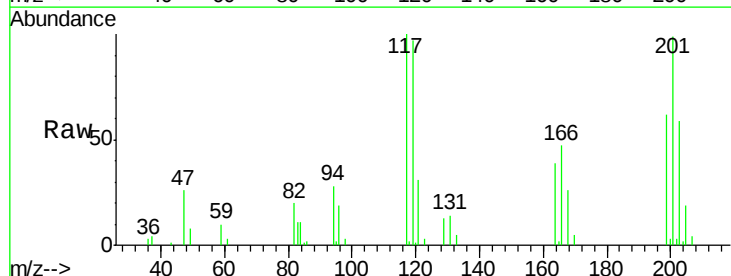


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

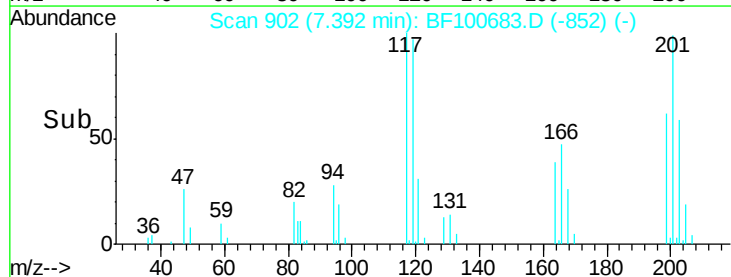
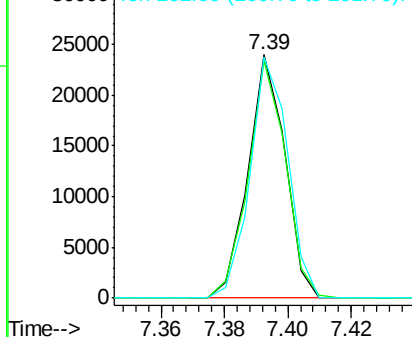


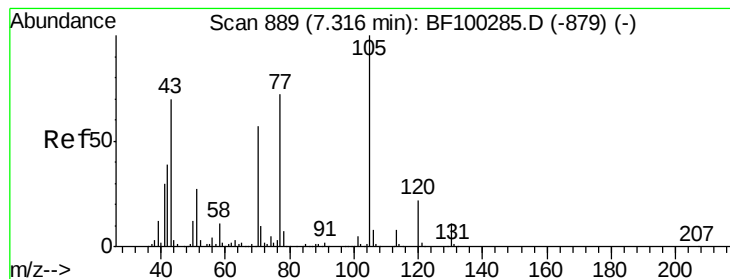
#18
Hexachloroethane
Concen: 7.88 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:117 Resp: 19431
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 98.9 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 7.05 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

Tgt Ion: 70 Resp: 36546

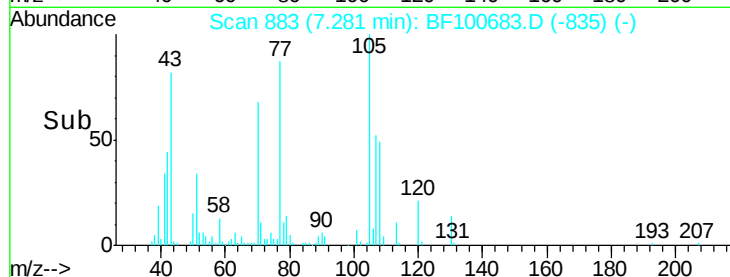
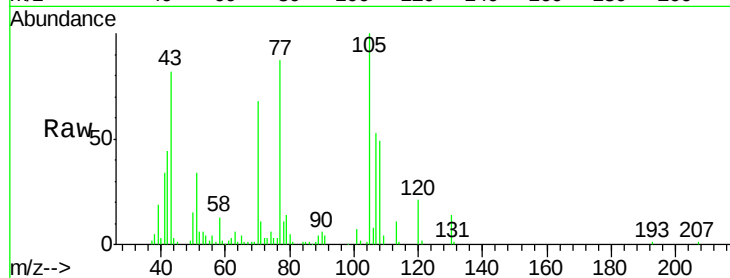
Ion Ratio Lower Upper

70 100

42 64.9 47.5 71.3

101 10.0 7.4 11.2

130 20.7 16.6 25.0

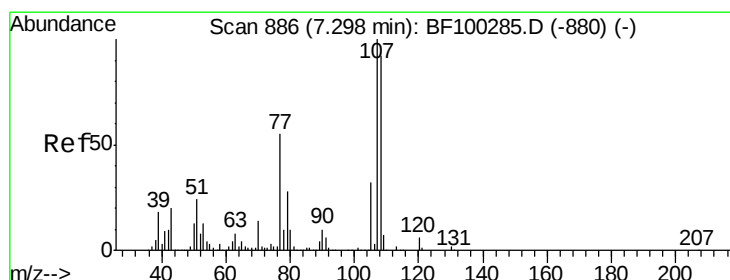
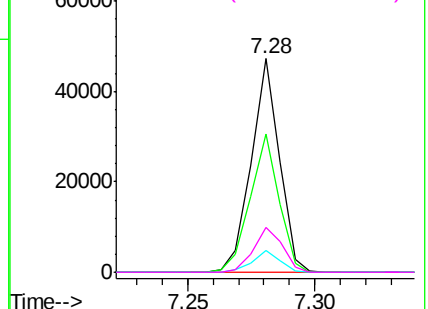


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 8.22 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Tgt Ion: 107 Resp: 56994

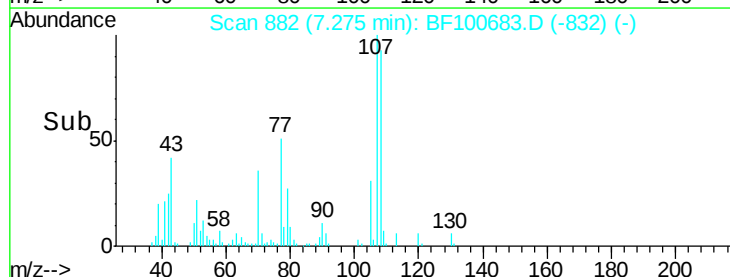
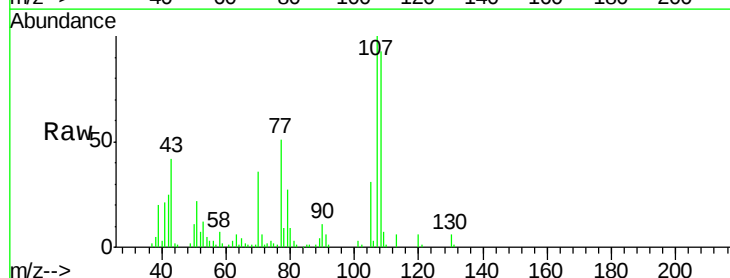
Ion Ratio Lower Upper

107 100

108 93.2 68.2 108.2

77 51.0 26.7 66.7

79 27.0 6.3 46.3

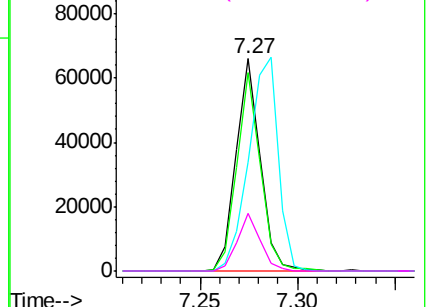


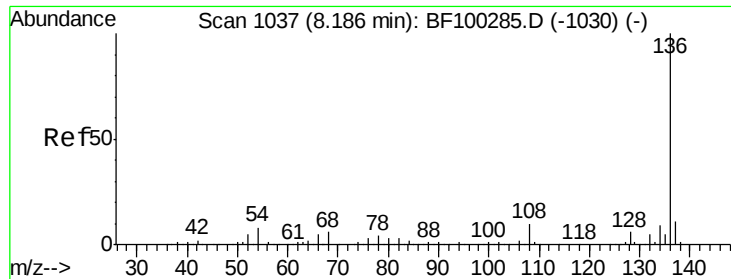
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

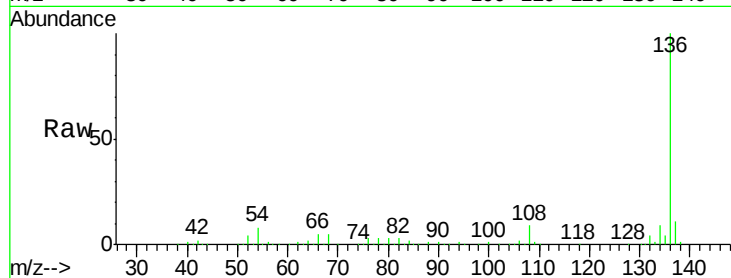




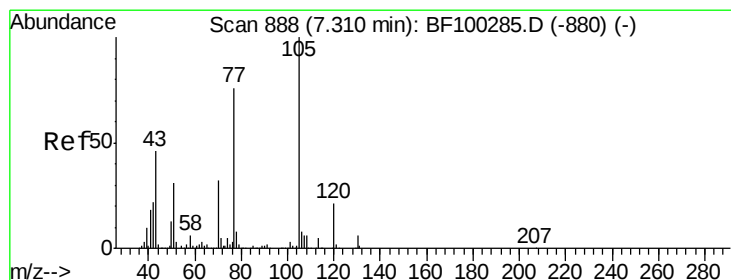
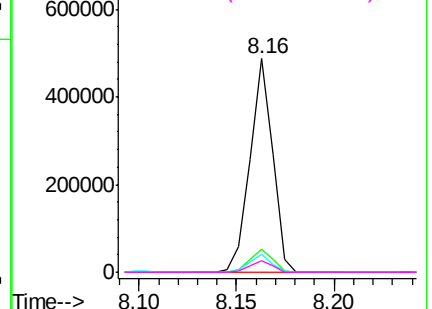
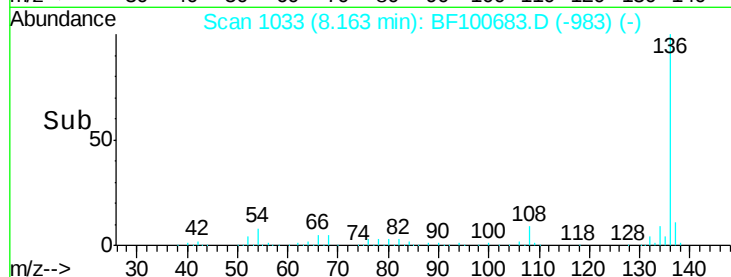
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:	136	Resp:	392873
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	6.6	9.8
68	5.5	5.0	7.4

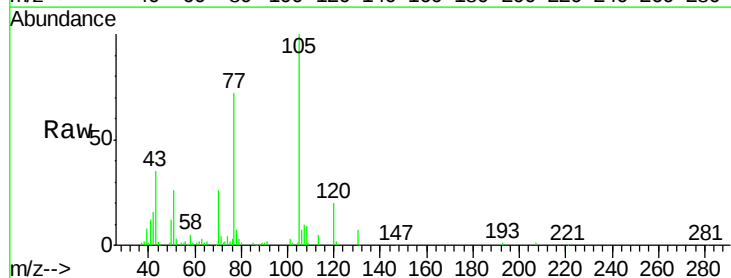


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

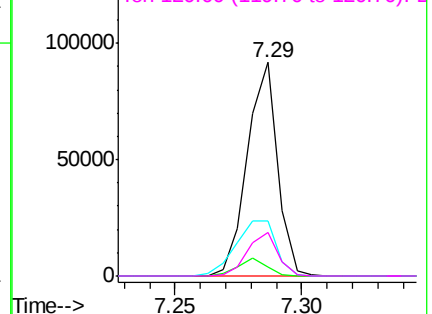
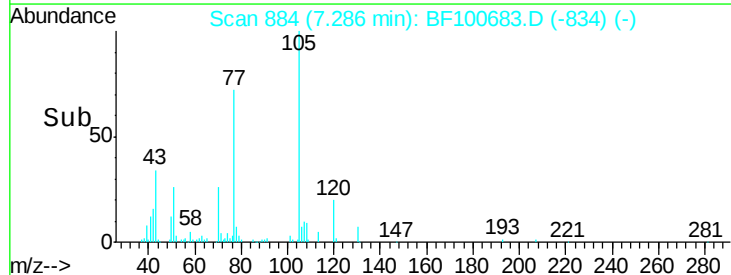


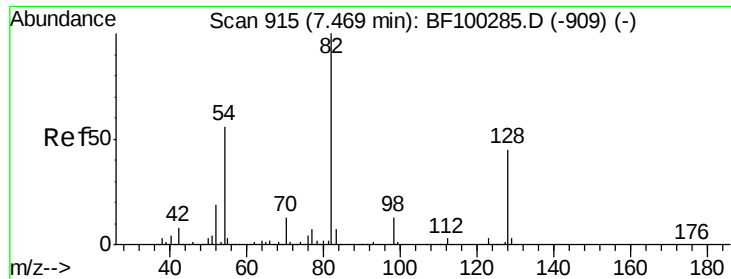
#22
Acetophenone
Concen: 7.96 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:	105	Resp:	76249
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	25.7	22.3	33.5
120	20.4	16.9	25.3



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

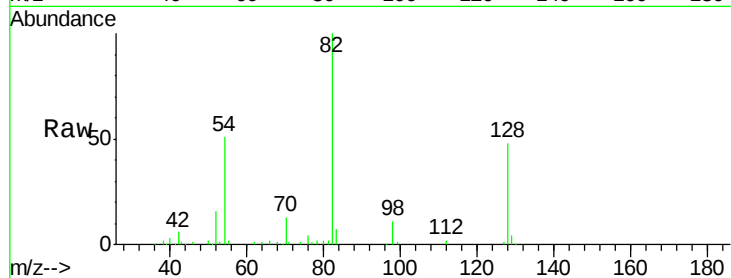




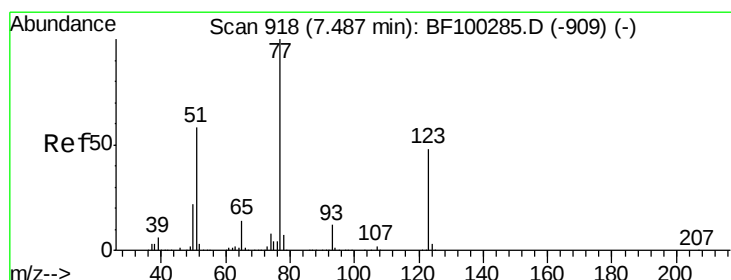
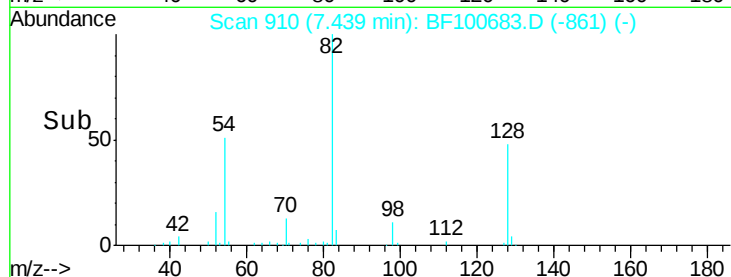
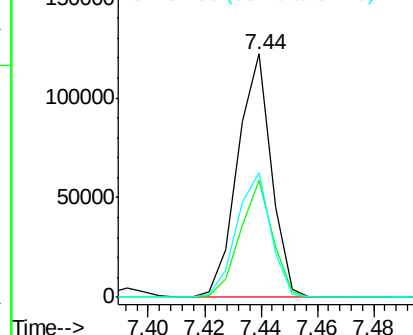
#23
 Nitrobenzene-d5
 Concen: 16.99 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

Tgt Ion: 82 Resp: 100989
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 51.4 41.4 62.2

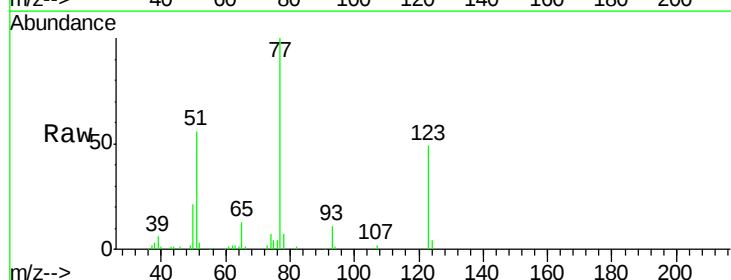


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

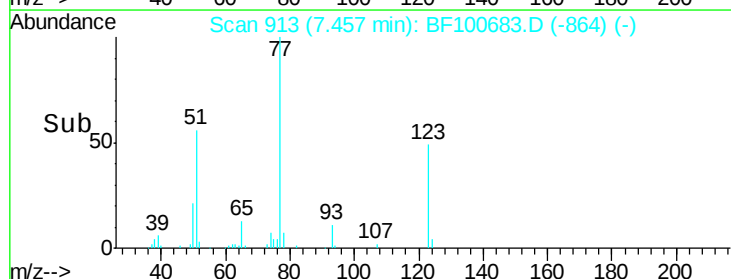
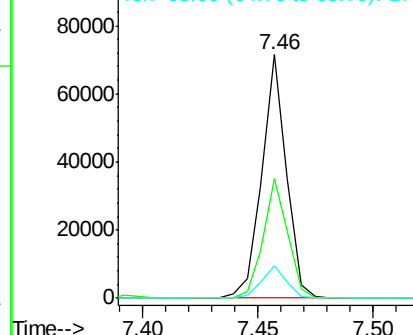


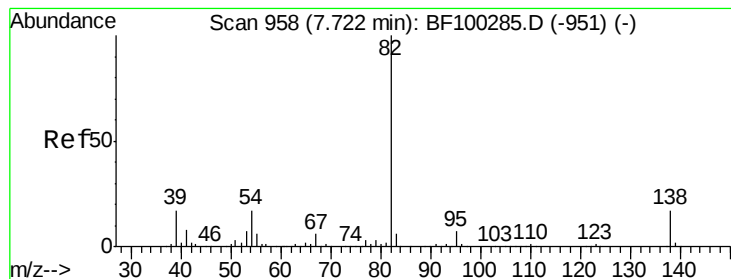
#24
 Nitrobenzene
 Concen: 8.69 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion: 77 Resp: 53147
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 7.68 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

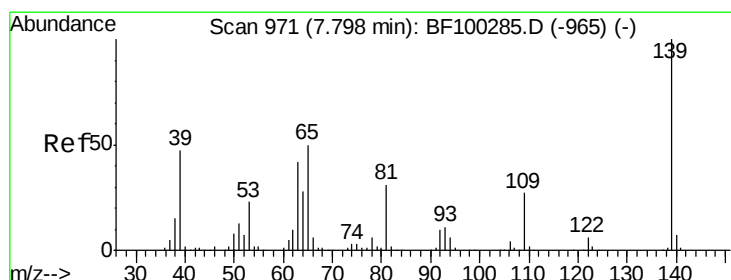
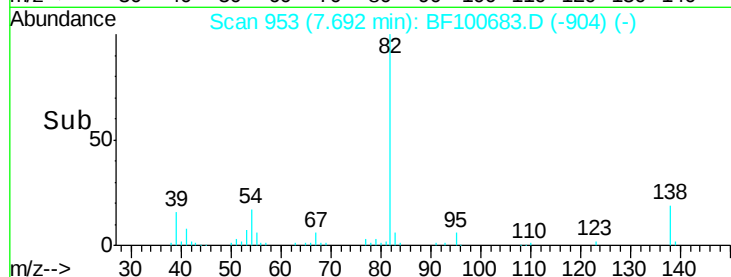
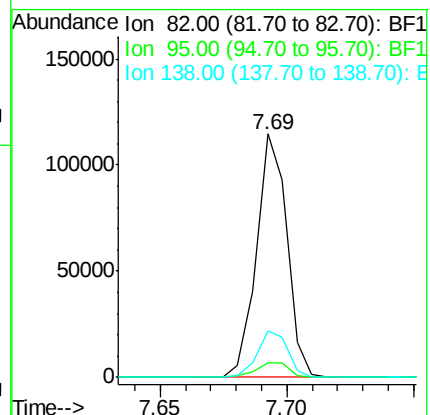
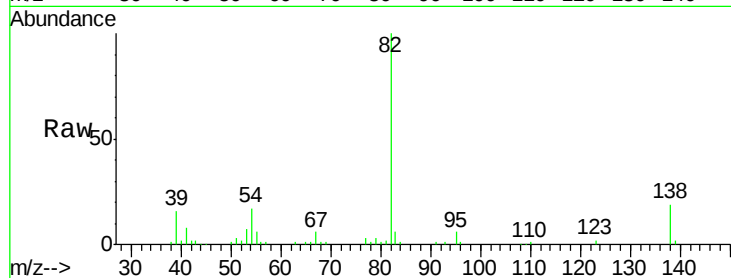
Tgt Ion: 82 Resp: 95943

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 13.91 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

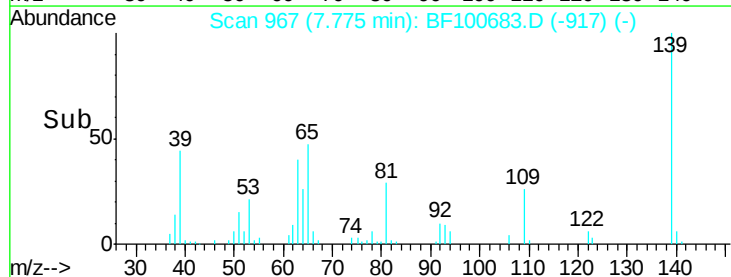
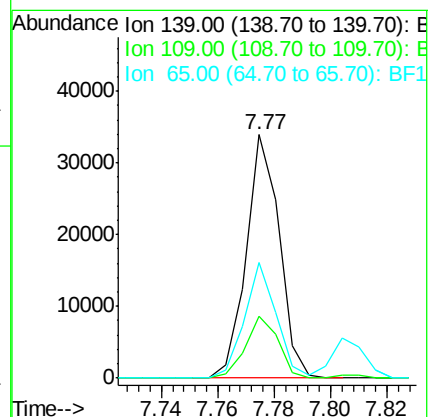
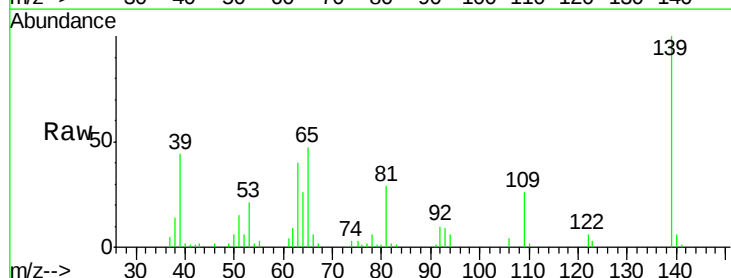
Tgt Ion: 139 Resp: 27561

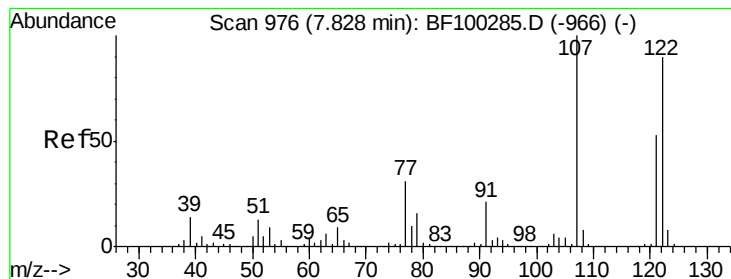
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 47.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 8.42 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

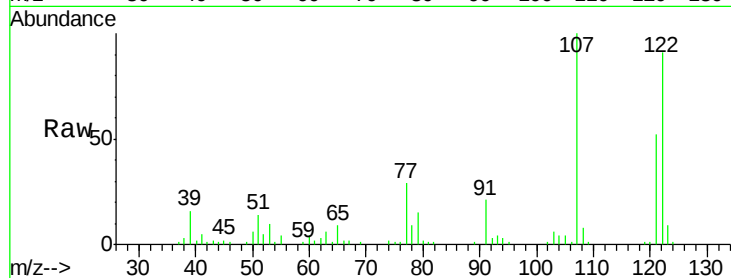
Tgt Ion: 122 Resp: 47127

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

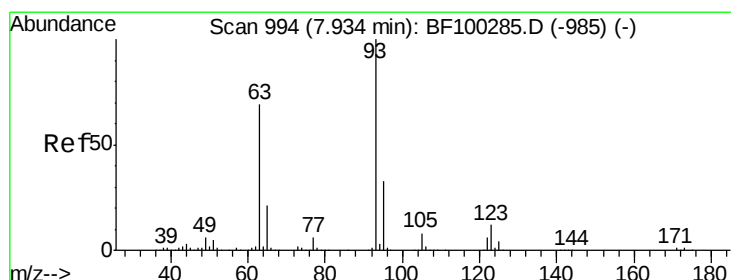
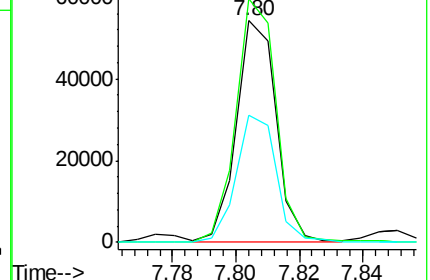
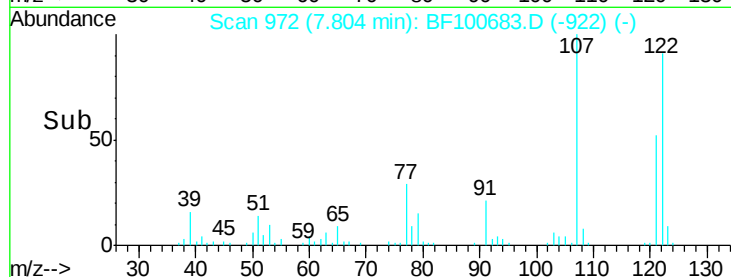
121 57.6 47.2 70.8



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: 7.49 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

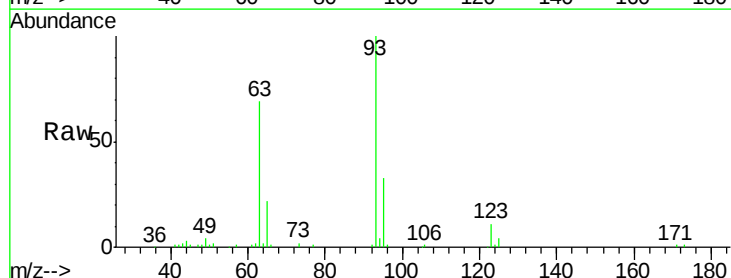
Tgt Ion: 93 Resp: 61185

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

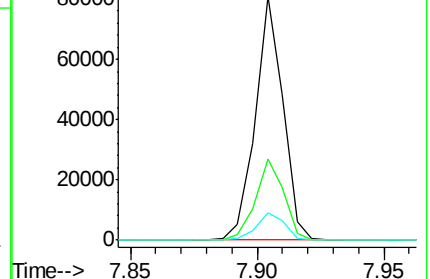
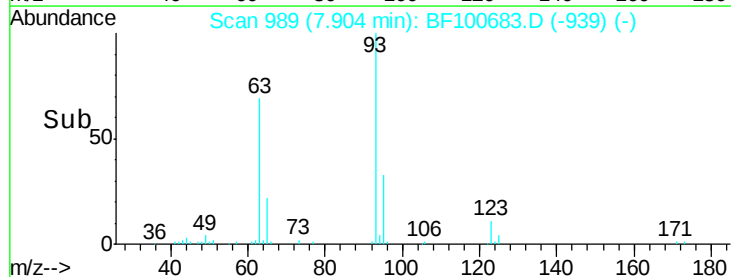
123 11.0 9.8 14.6

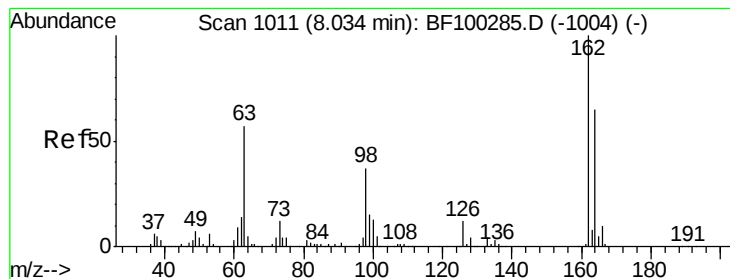


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 8.82 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

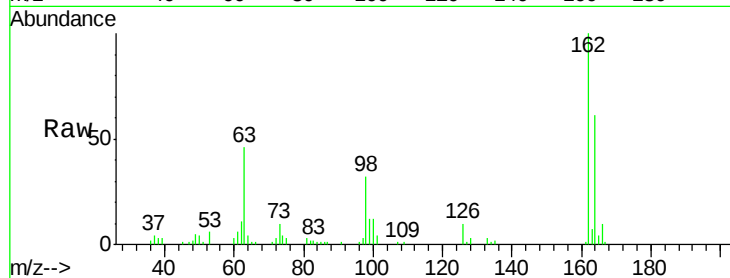
Tgt Ion:162 Resp: 47152

Ion Ratio Lower Upper

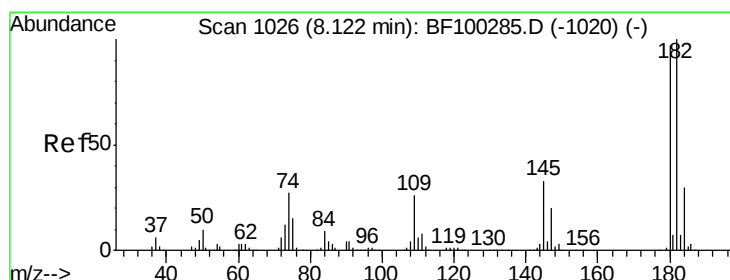
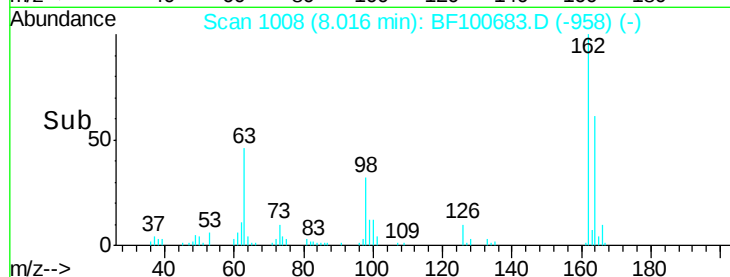
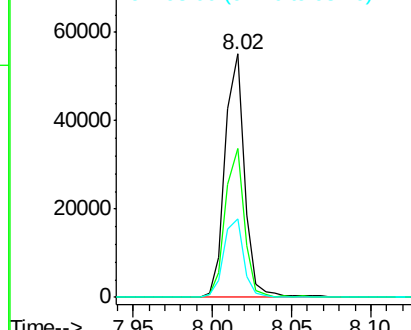
162 100

164 61.1 42.7 82.7

98 32.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 8.61 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

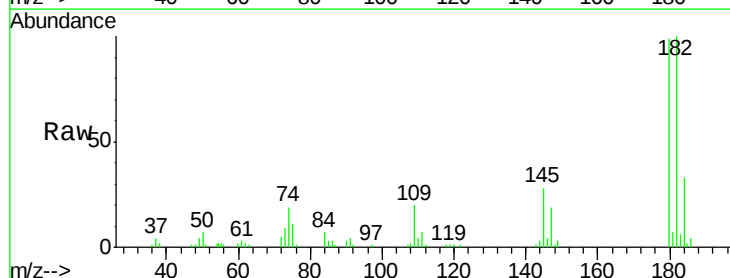
Tgt Ion:180 Resp: 49769

Ion Ratio Lower Upper

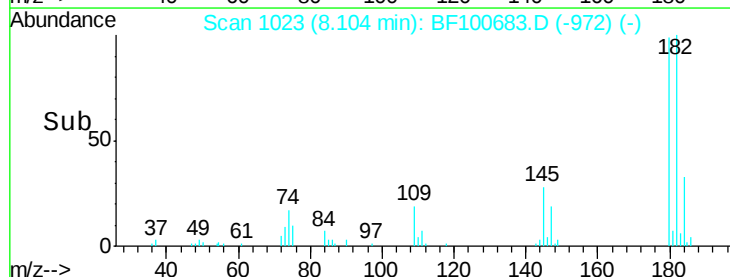
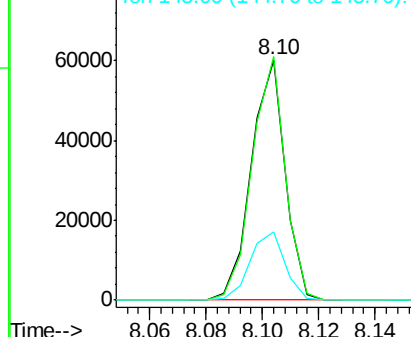
180 100

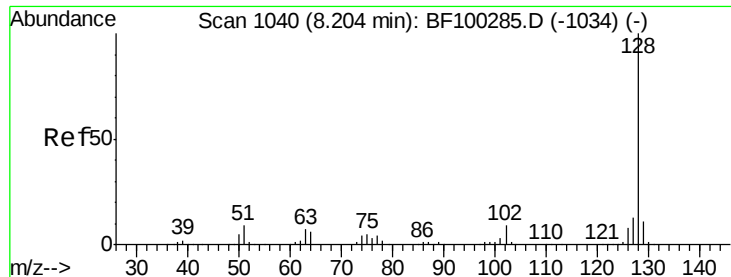
182 101.4 76.8 115.2

145 28.5 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

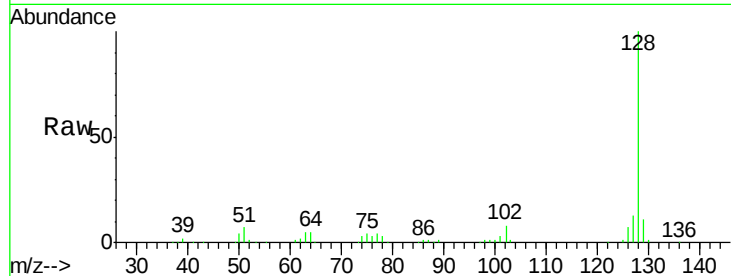




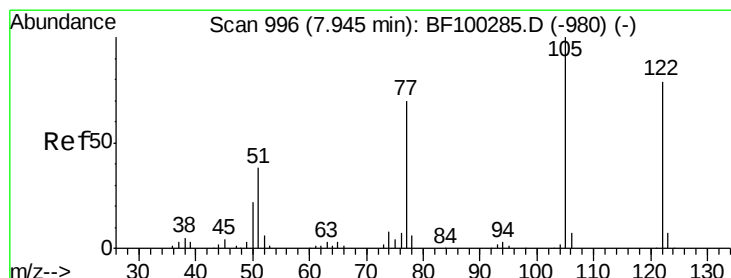
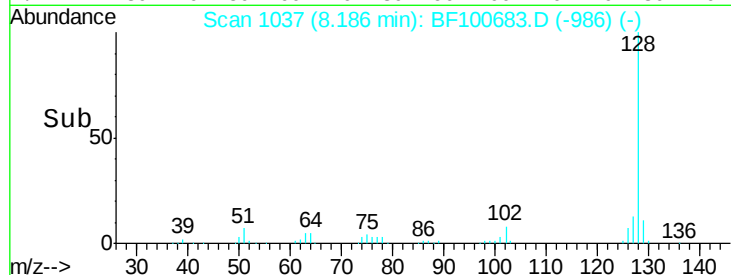
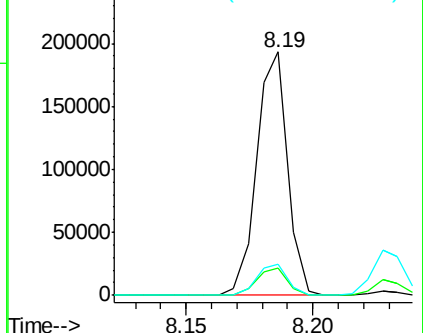
#31
Naphthalene
Concen: 8.64 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:128 Resp: 163587
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.9 16.3

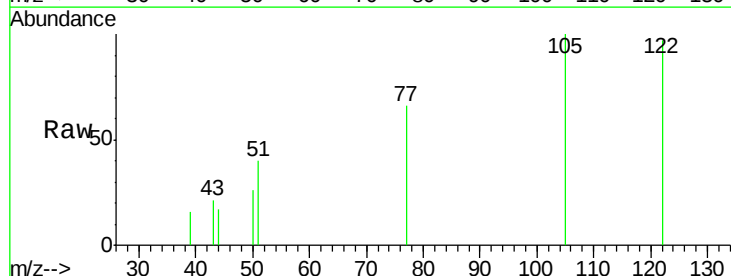


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

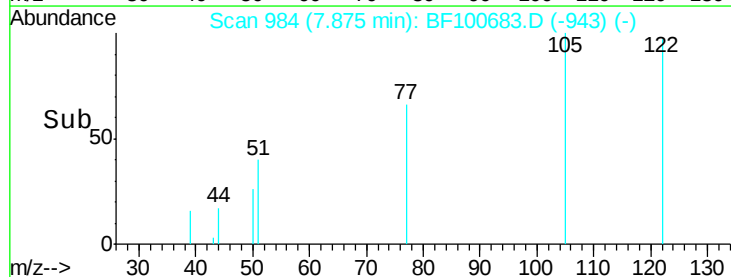
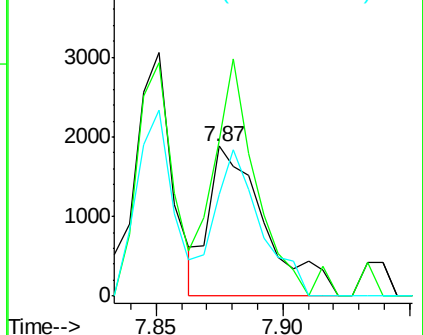


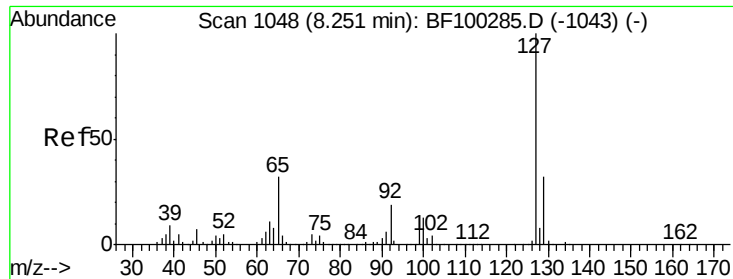
#32
Benzoic acid
Concen: 9.91 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:122 Resp: 2889
Ion Ratio Lower Upper
122 100
105 103.6 101.1 141.1
77 67.9 70.7 110.7#



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

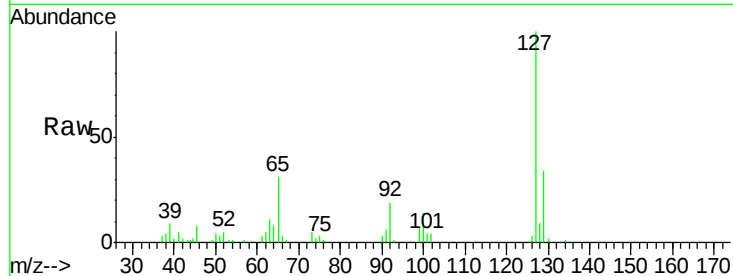




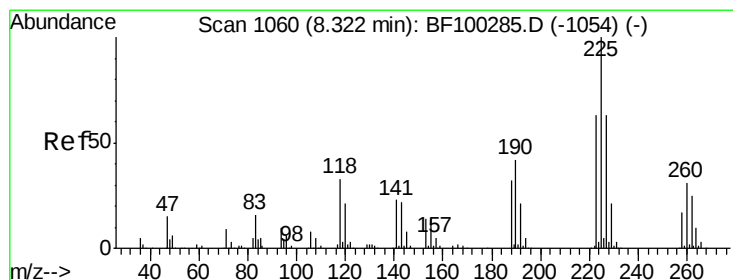
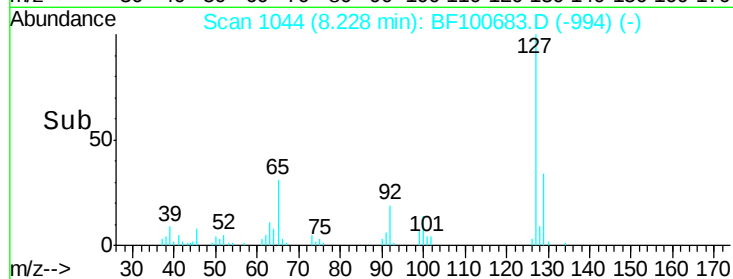
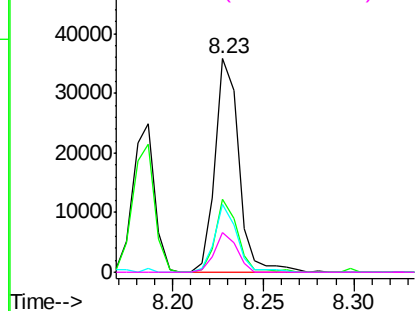
#33
4-Chloroaniline
Concen: 4.19 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:	127	Resp:	33014
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	31.5	25.0	37.4
92	18.6	15.2	22.8

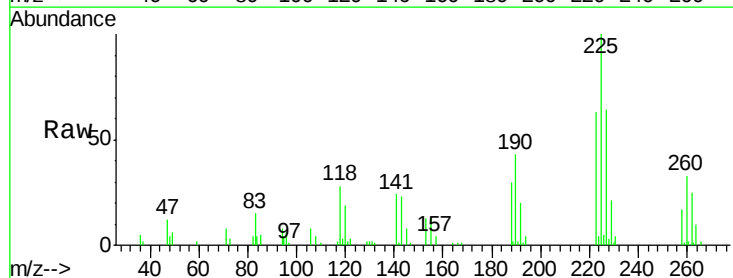


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

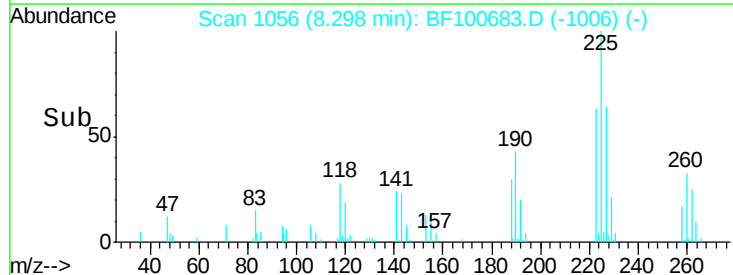
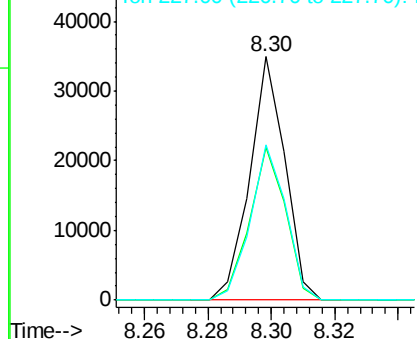


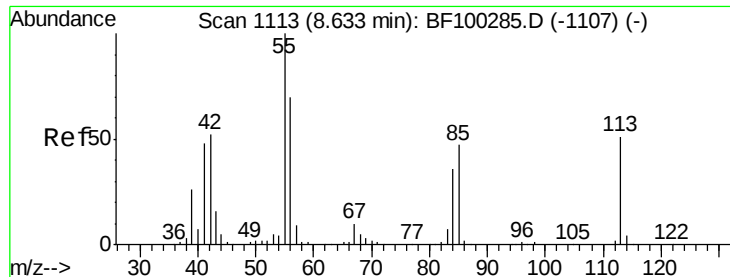
#34
Hexachlorobutadiene
Concen: 7.81 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:	225	Resp:	26857
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.6	51.9	77.9



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

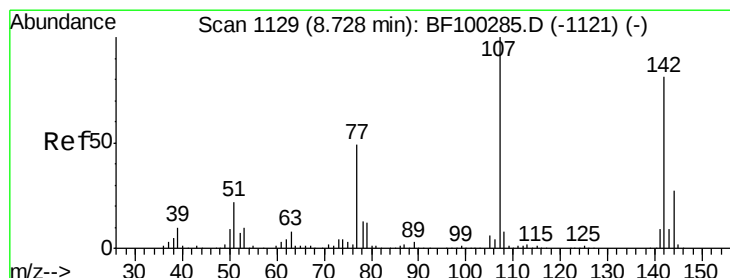
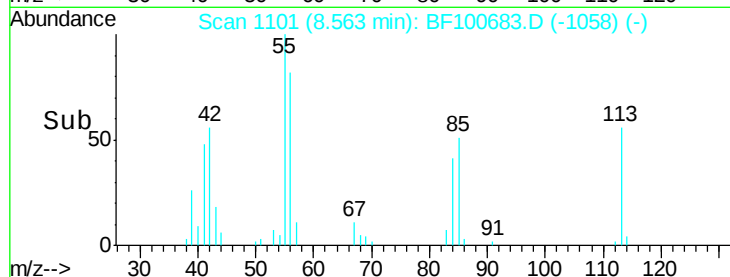
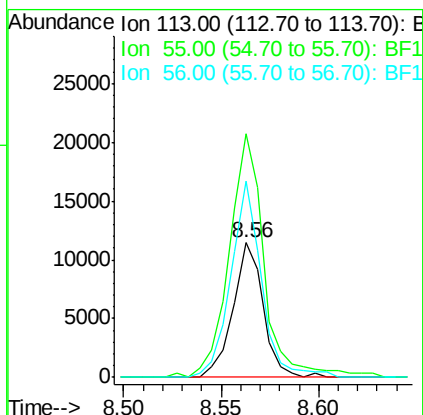
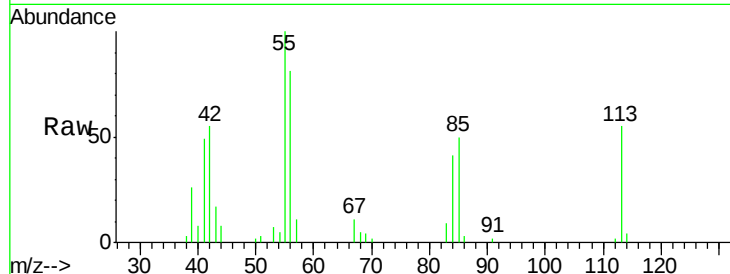




#35
 Caprolactam
 Concen: 6.74 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.05 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

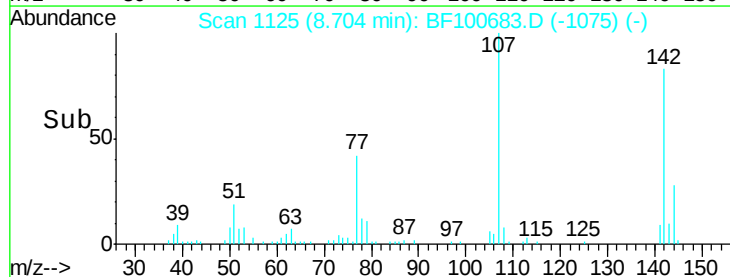
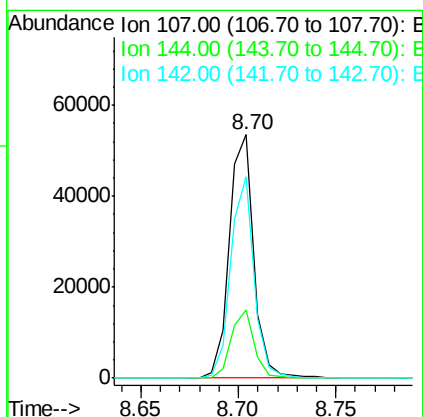
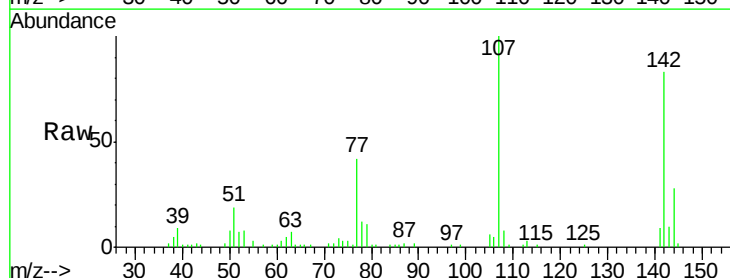
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

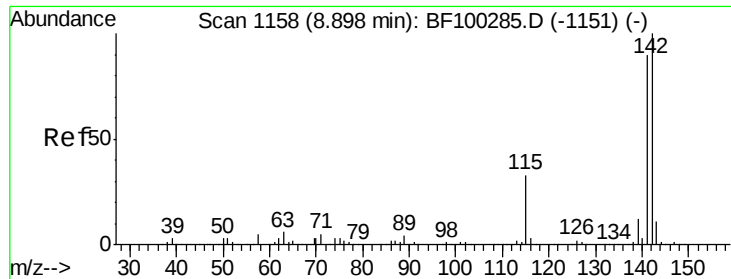
Tgt Ion:113 Resp: 12365
 Ion Ratio Lower Upper
 113 100
 55 181.2 163.3 203.3
 56 146.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 8.11 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:107 Resp: 46563
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.5 30.7
 142 82.9 62.0 93.0

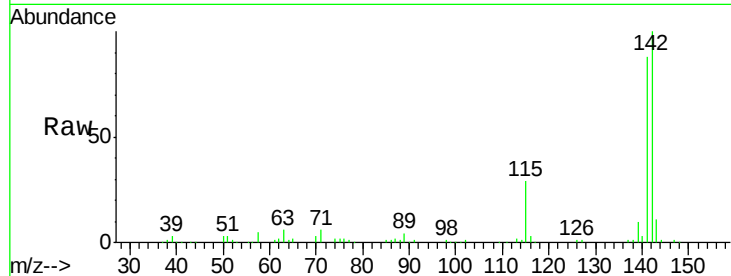




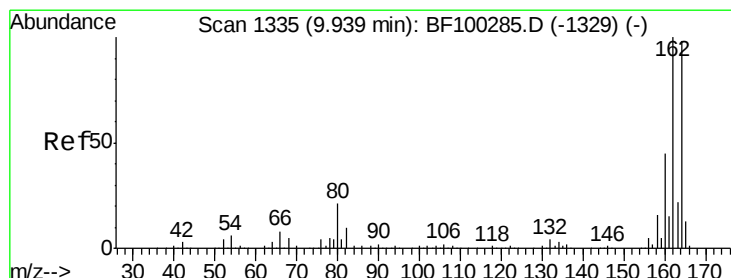
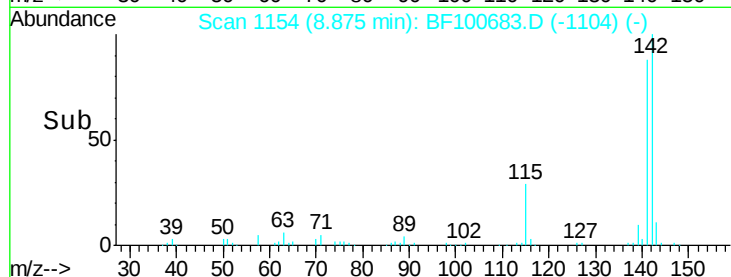
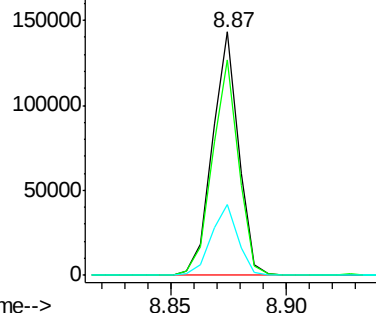
#37
2-Methylnaphthalene
Concen: 8.99 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:142 Resp: 112976
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 29.3 26.1 39.1

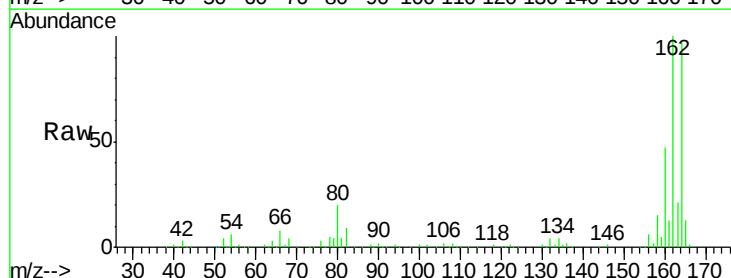


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

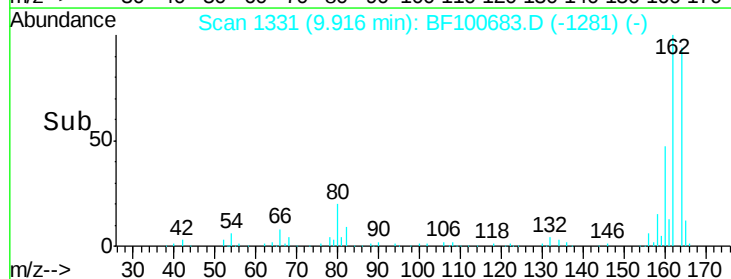
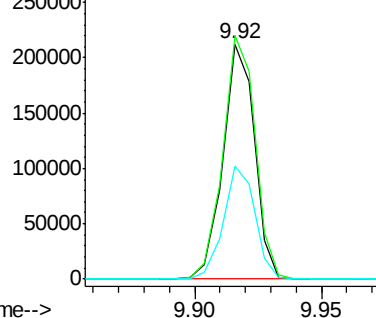


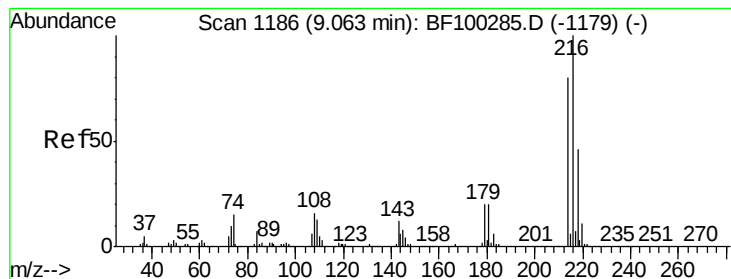
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:164 Resp: 184518
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 48.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.17 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

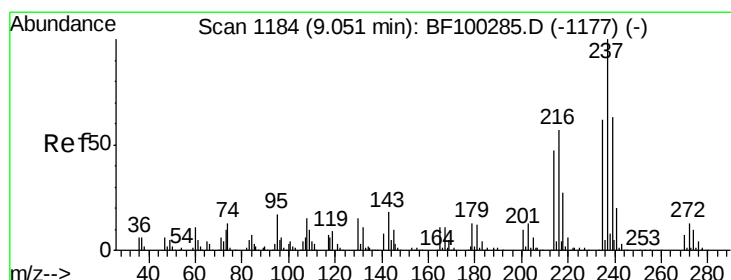
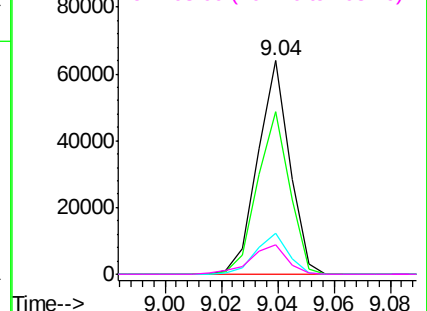
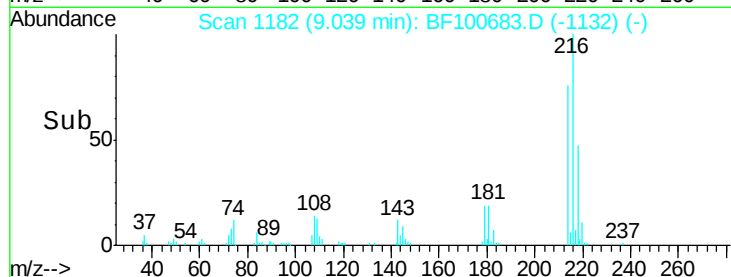
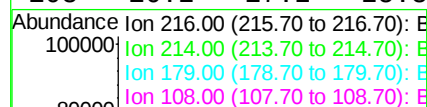
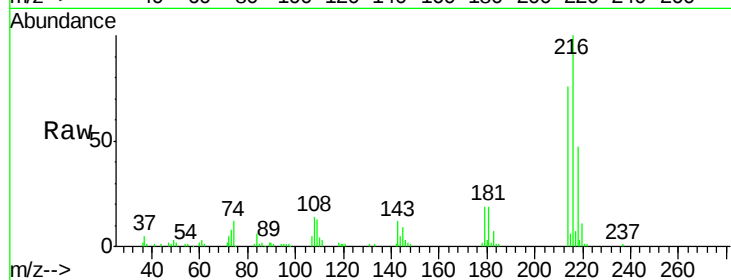
Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

Tgt Ion:	216	Resp:	49985
Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.0	94.4
179	19.6	18.1	27.1
108	16.2	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 8.28 ng

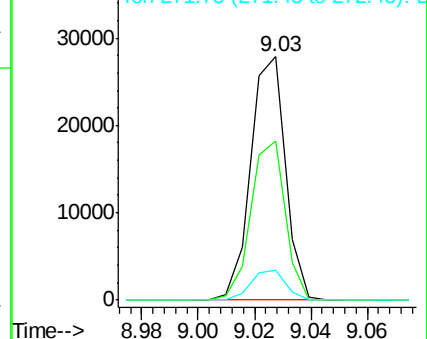
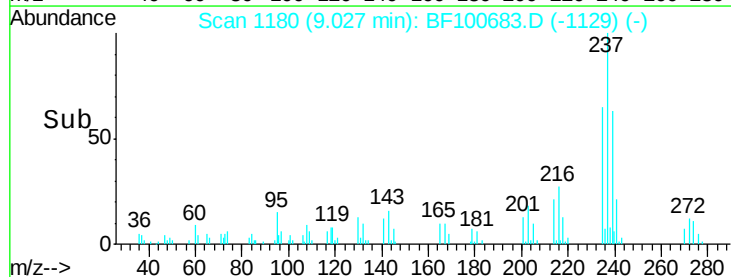
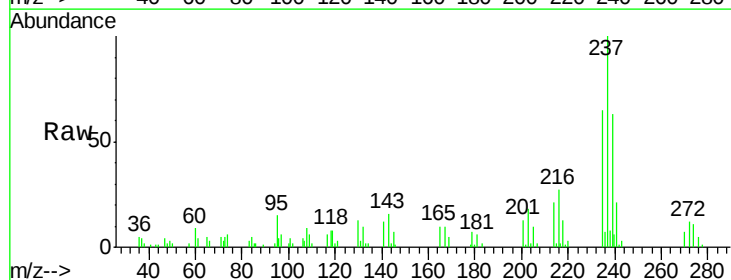
RT: 9.03 min Scan# 1180

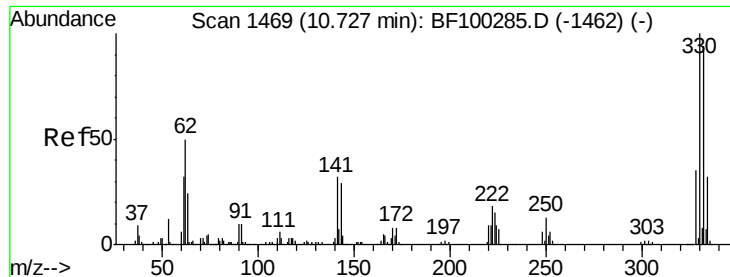
Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Tgt Ion:	237	Resp:	23839
Ion	Ratio	Lower	Upper
237	100		
235	65.5	44.8	84.8
272	12.5	0.0	33.3

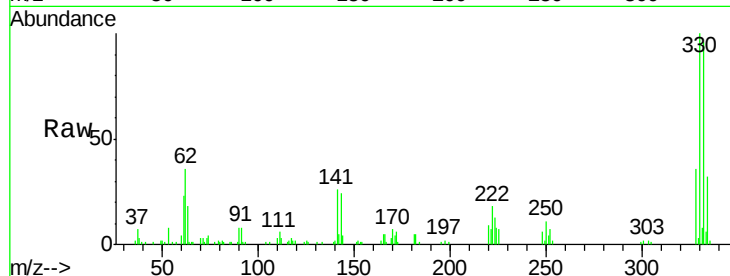




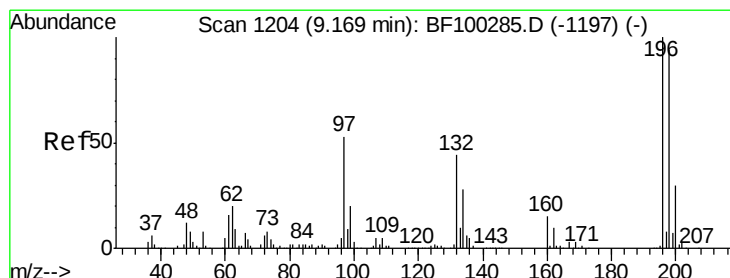
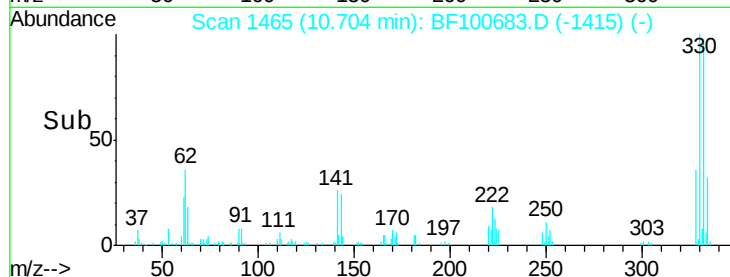
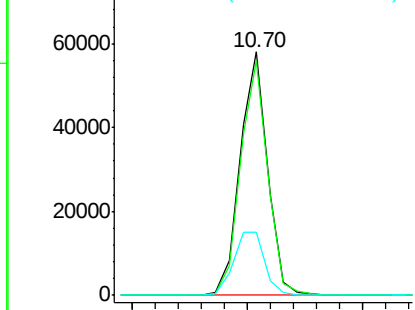
#41
 2,4,6-Tribromophenol
 Concen: 25.59 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

Tgt Ion:330 Resp: 48114
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 29.3 29.9 44.9#

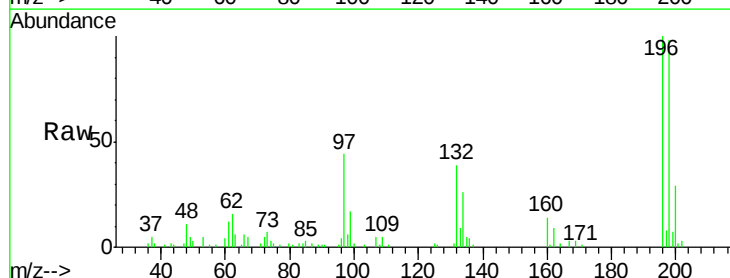


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

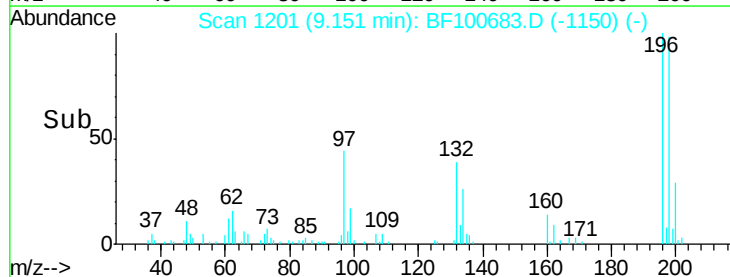
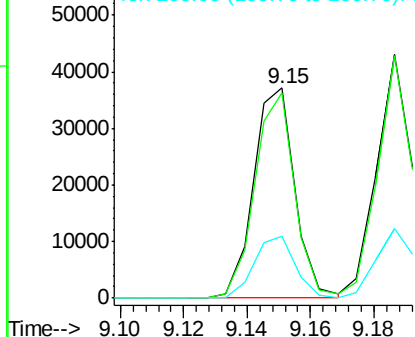


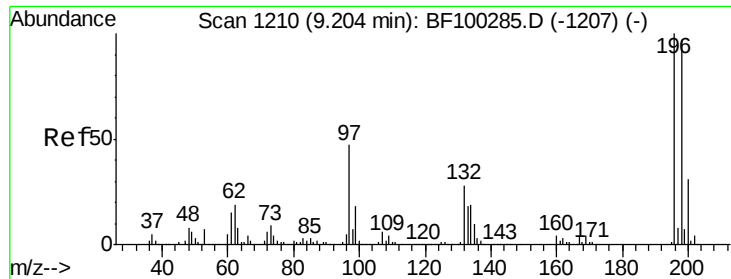
#42
 2,4,6-Trichlorophenol
 Concen: 8.61 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:196 Resp: 33409
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 200 29.4 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

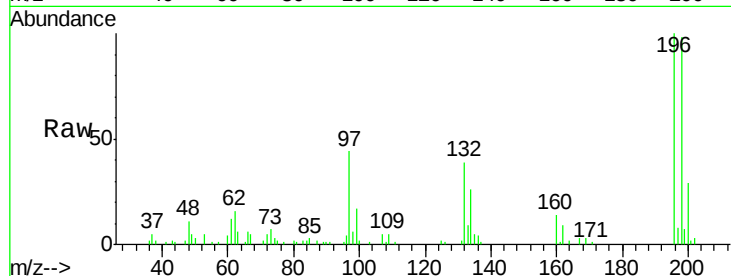




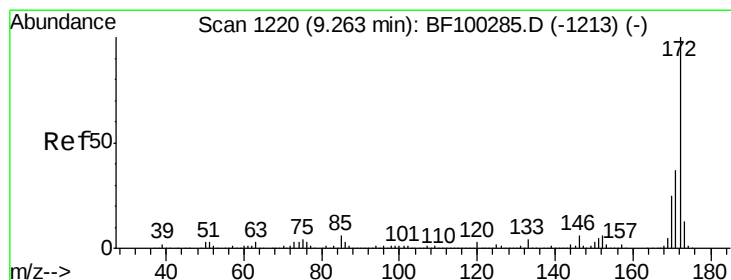
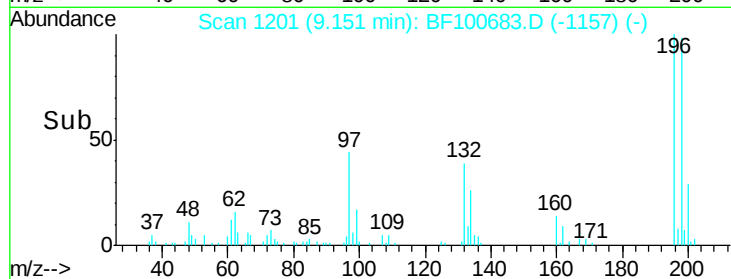
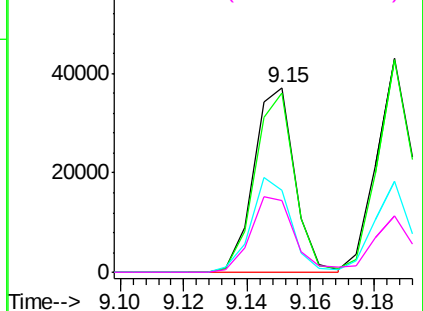
#43
 2,4,5-Trichlorophenol
 Concen: 8.31 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.04 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

Tgt Ion:	196	Resp:	33409
Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.6	112.0
97	44.1	42.9	64.3
132	39.0	26.3	39.5

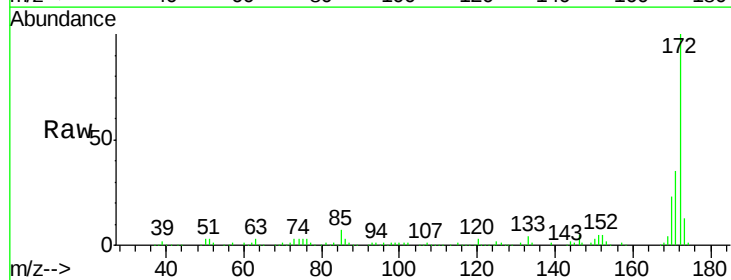


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

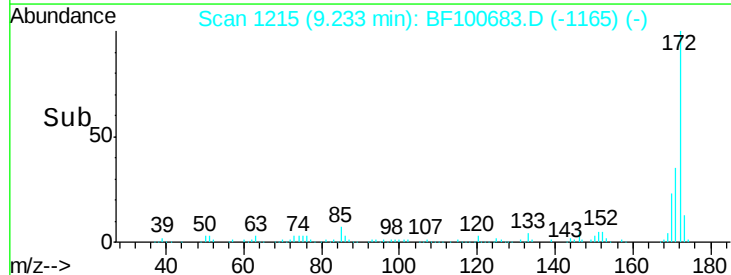
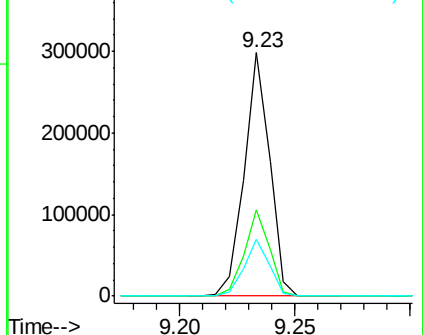


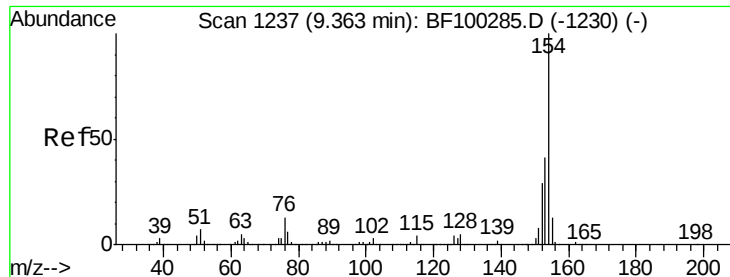
#44
 2-Fluorobiphenyl
 Concen: 18.93 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:	172	Resp:	229359
Ion	Ratio	Lower	Upper
172	100		
171	35.4	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: 8.40 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

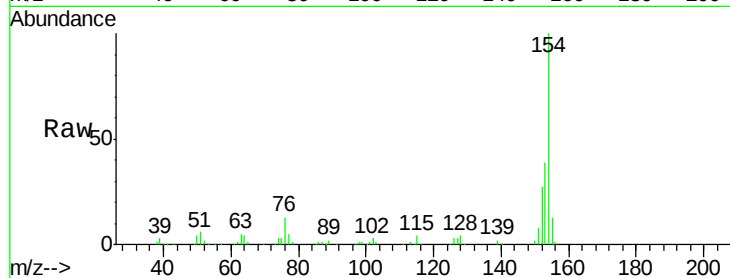
Tgt Ion:154 Resp: 134115

Ion Ratio Lower Upper

154 100

153 39.4 21.3 61.3

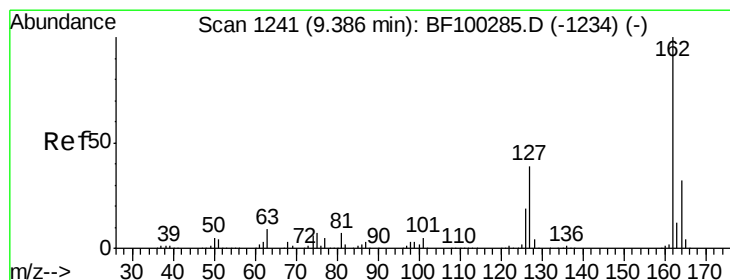
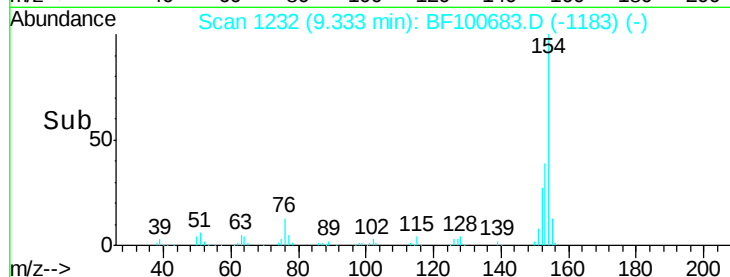
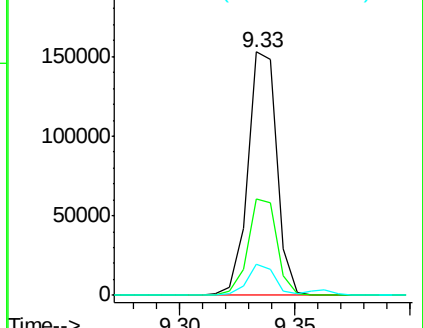
76 12.7 0.0 34.0



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: 8.86 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

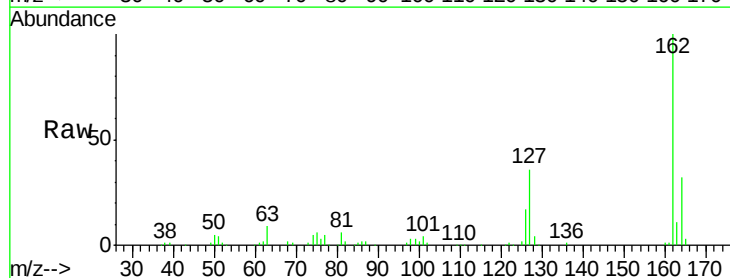
Tgt Ion:162 Resp: 102582

Ion Ratio Lower Upper

162 100

127 36.2 33.9 50.9

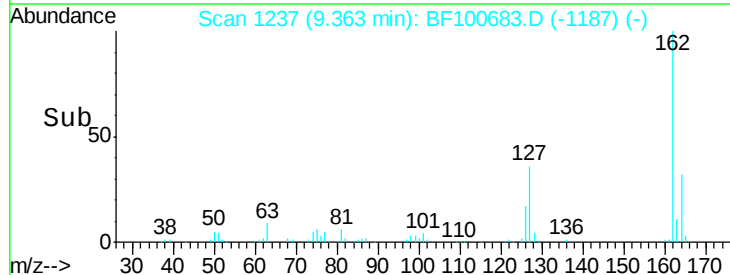
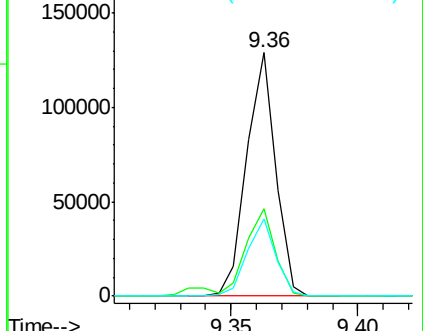
164 31.8 26.5 39.7

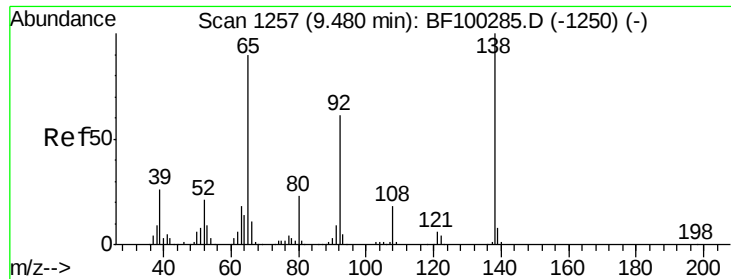


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

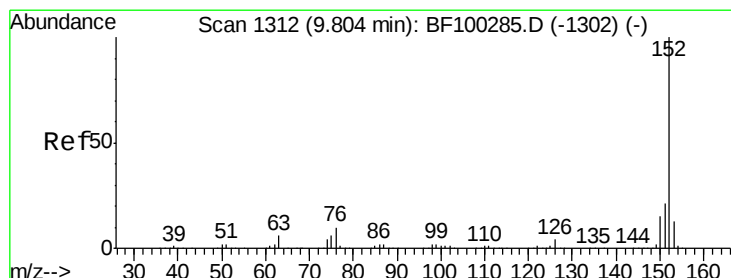
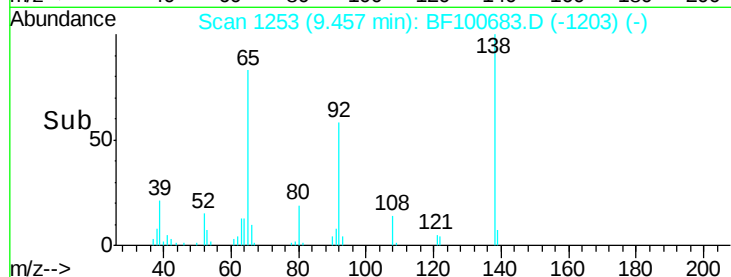
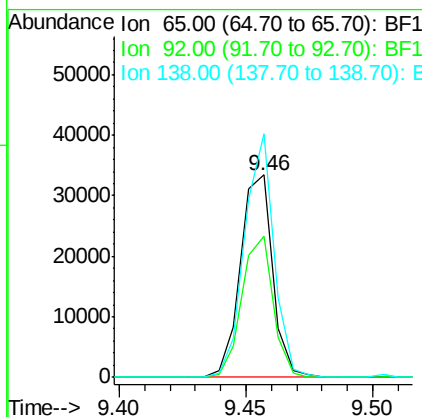
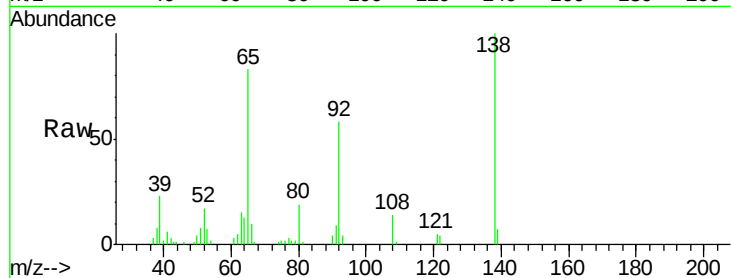




#47
 2-Nitroaniline
 Concen: 10.90 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

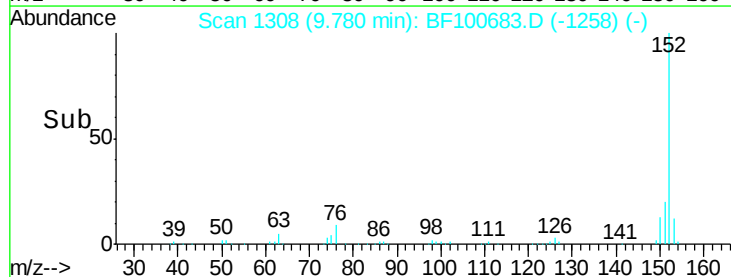
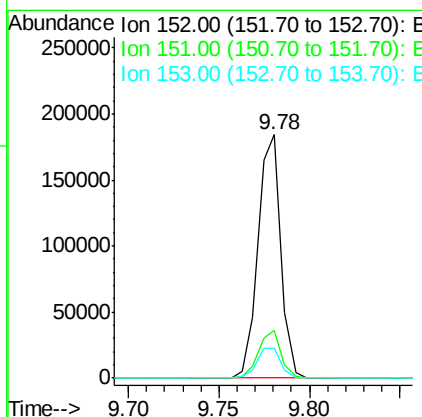
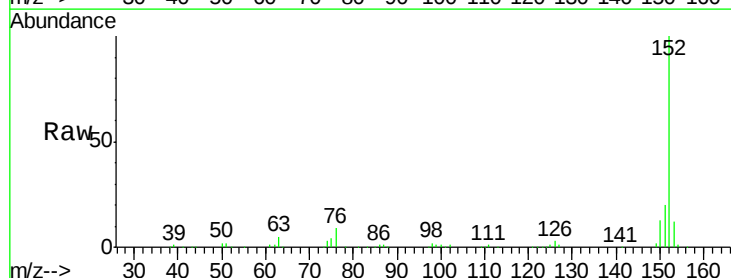
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

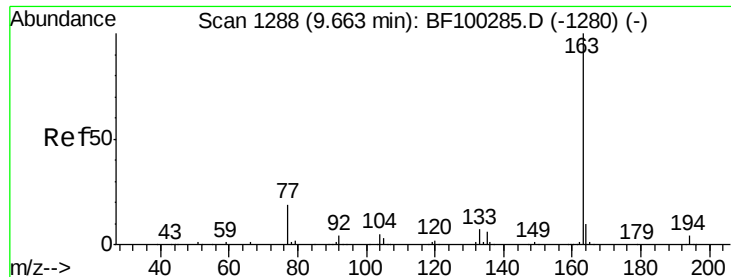
Tgt Ion: 65 Resp: 29484
 Ion Ratio Lower Upper
 65 100
 92 69.9 55.8 83.6
 138 120.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 8.42 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion: 152 Resp: 161622
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.3 24.5
 153 12.0 10.7 16.1

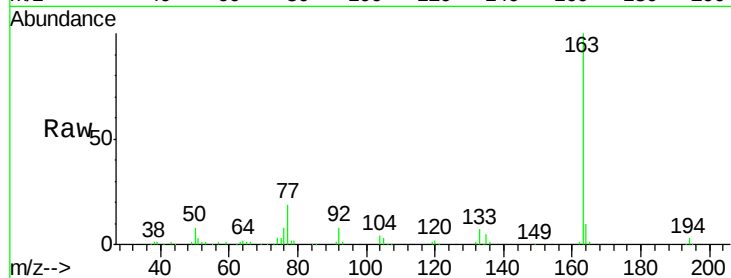




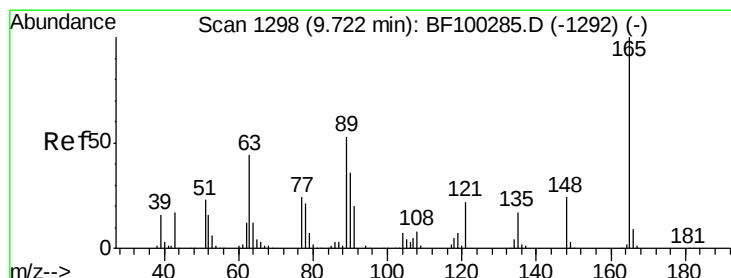
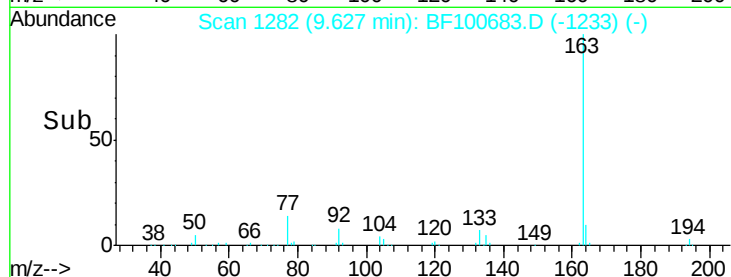
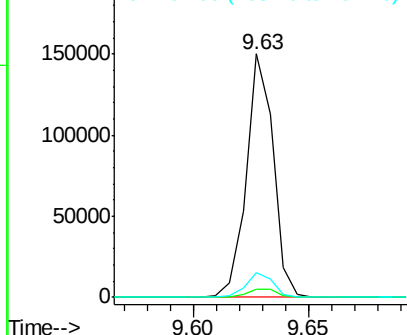
#49
Dimethylphthalate
Concen: 8.70 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion:163 Resp: 122518
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

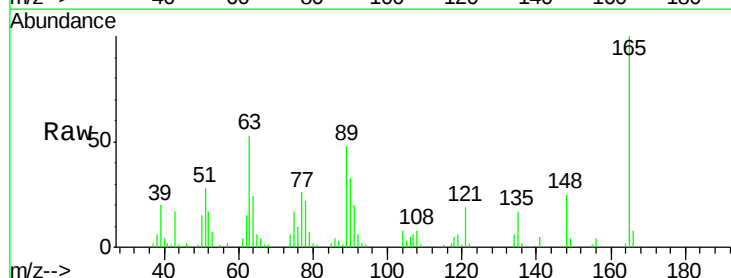


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

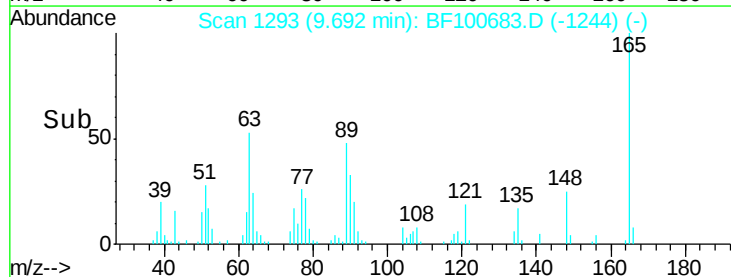
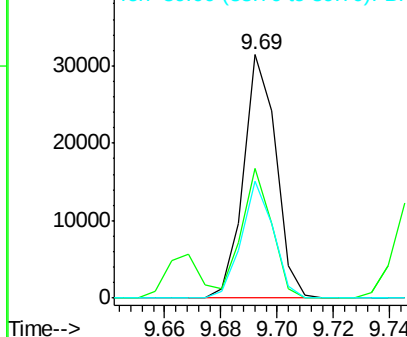


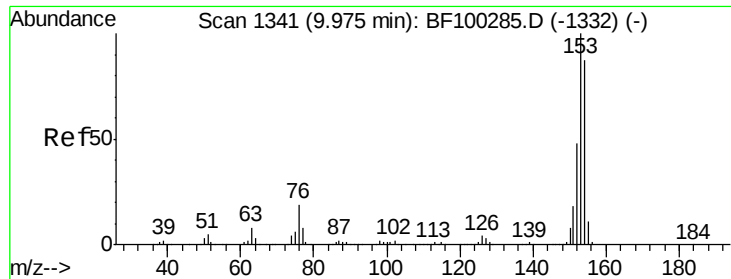
#50
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:165 Resp: 25078
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 47.9 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: 9.01 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

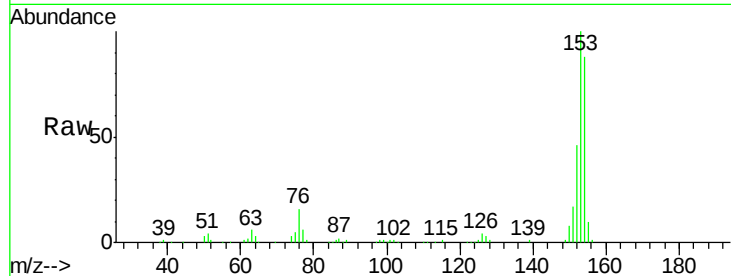
Tgt Ion:154 Resp: 105167

Ion Ratio Lower Upper

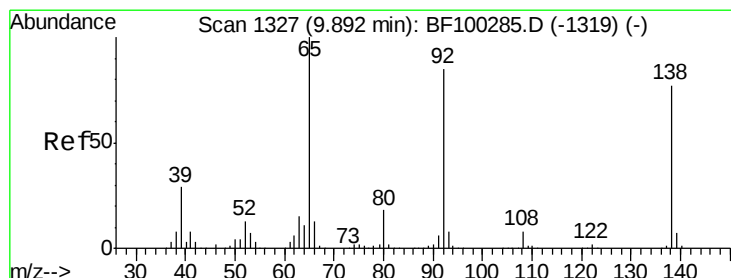
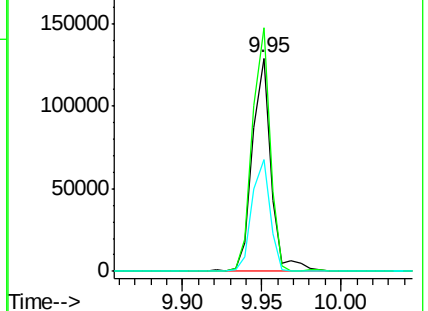
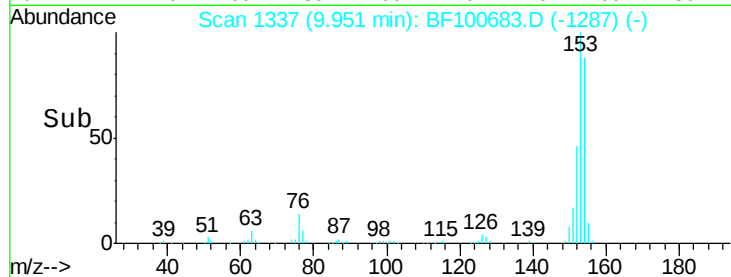
154 100

153 114.3 91.2 136.8

152 52.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.49 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

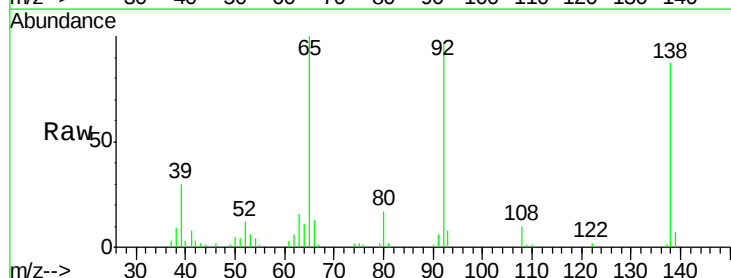
Tgt Ion:138 Resp: 21370

Ion Ratio Lower Upper

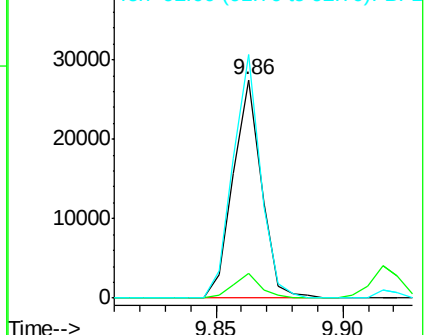
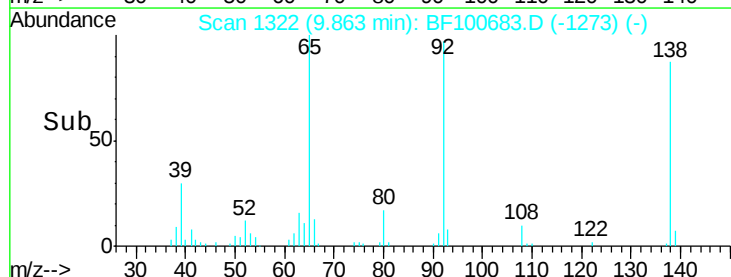
138 100

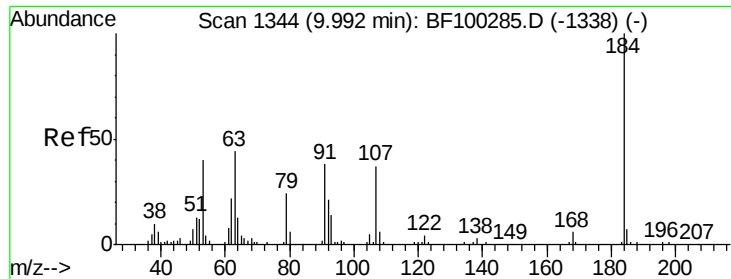
108 11.2 9.4 14.0

92 111.7 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

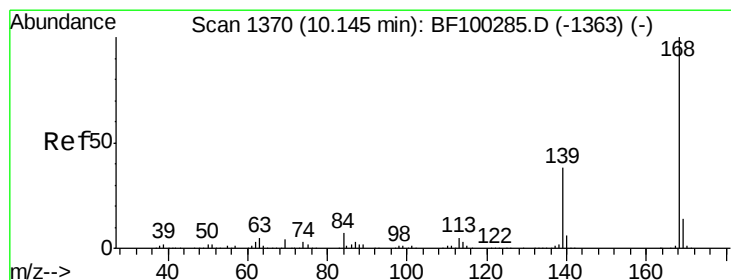
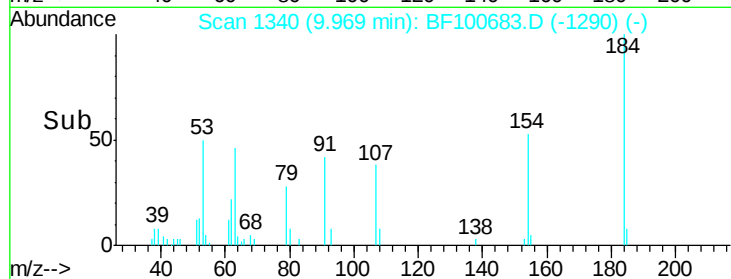
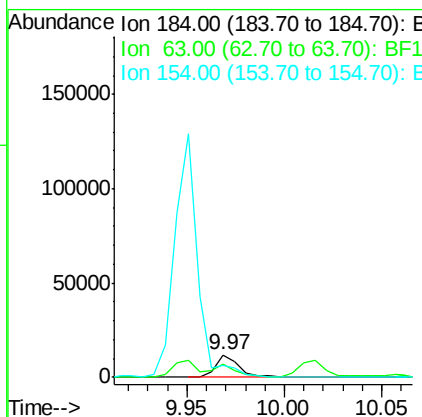
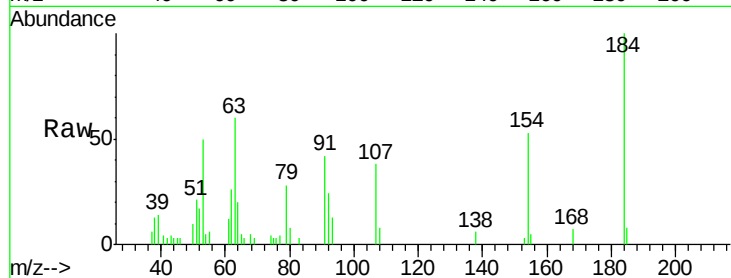




#53
 2,4-Dinitrophenol
 Concen: 18.66 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

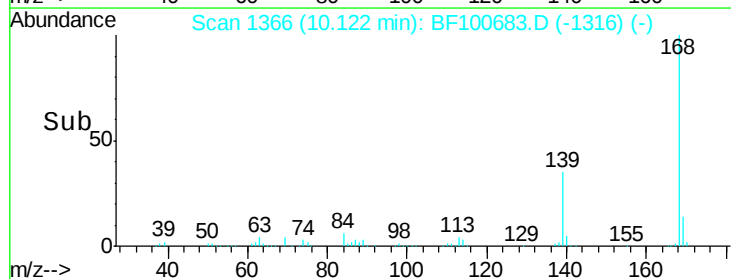
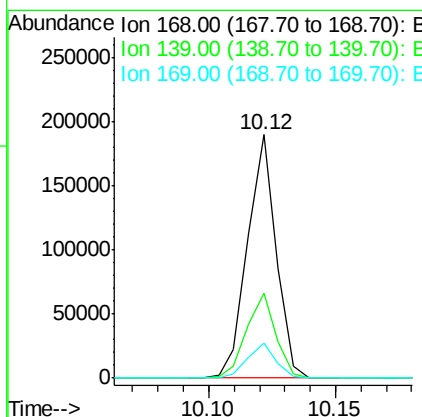
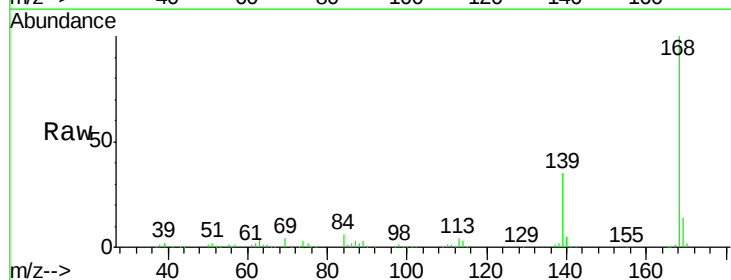
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

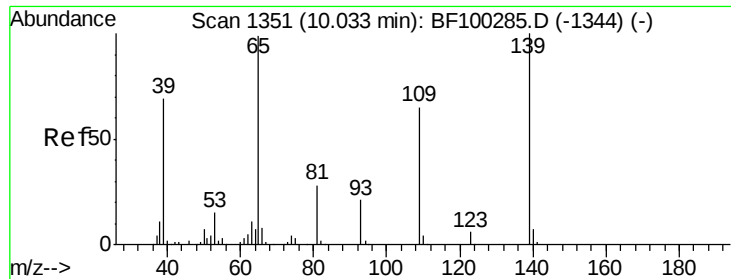
Tgt Ion:184 Resp: 10266
 Ion Ratio Lower Upper
 184 100
 63 60.1 54.2 81.2
 154 53.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 9.13 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:168 Resp: 149300
 Ion Ratio Lower Upper
 168 100
 139 35.0 30.1 45.1
 169 14.2 10.9 16.3

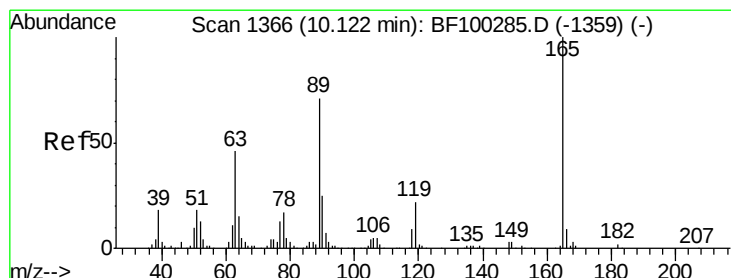
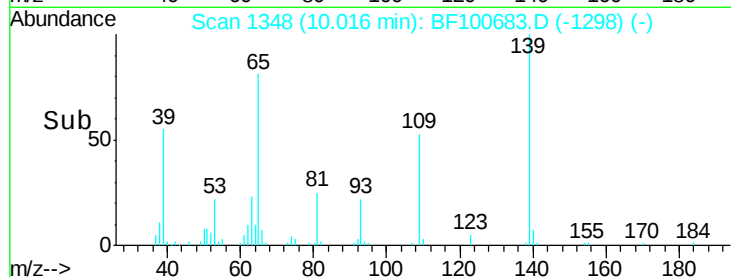
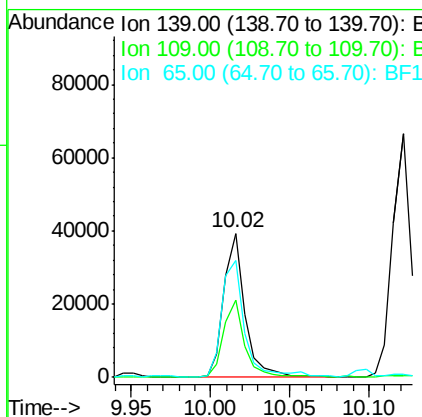
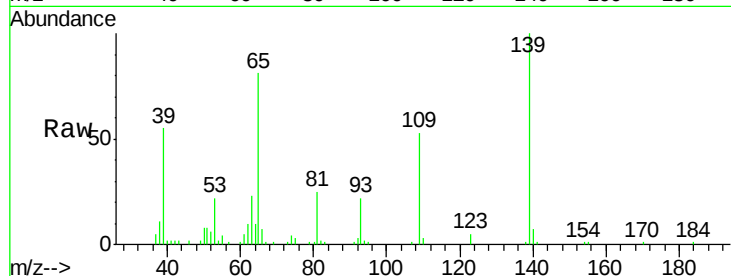




#55
4-Nitrophenol
Concen: 13.70 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

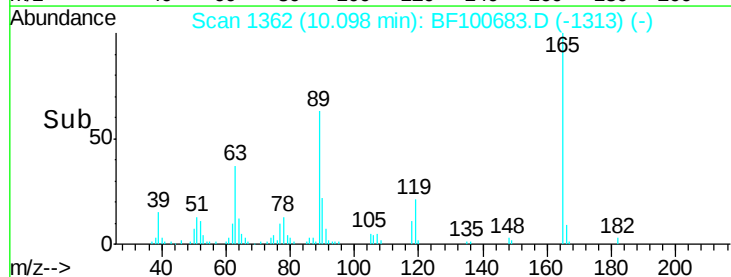
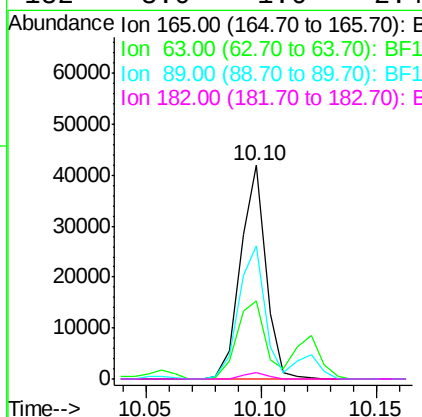
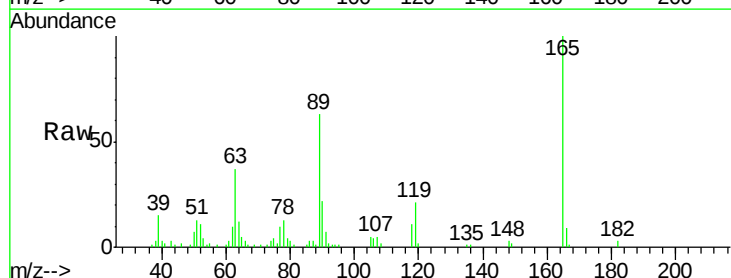
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

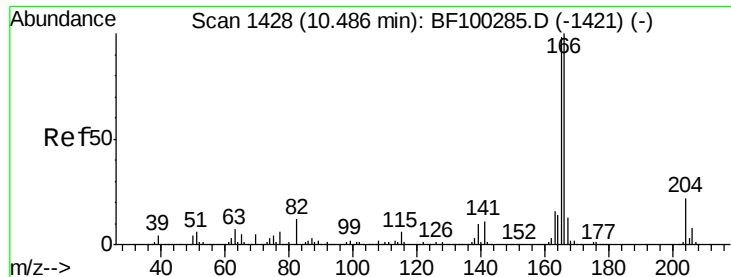
Tgt Ion:139 Resp: 36620
Ion Ratio Lower Upper
139 100
109 53.5 48.4 88.4
65 81.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.14 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:165 Resp: 32138
Ion Ratio Lower Upper
165 100
63 36.6 36.4 54.6
89 62.6 57.8 86.6
182 3.0 1.6 2.4#





#57

Fluorene

Concen: 10.43 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

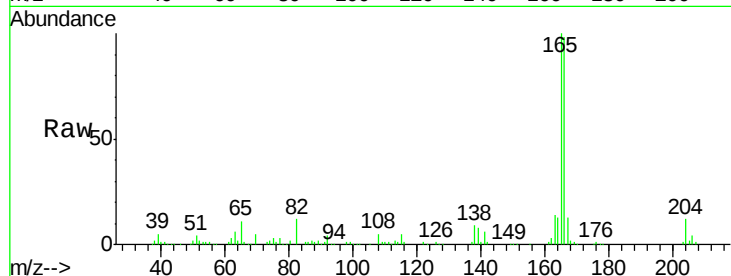
Tgt Ion:166 Resp: 124920

Ion Ratio Lower Upper

166 100

165 101.8 79.8 119.8

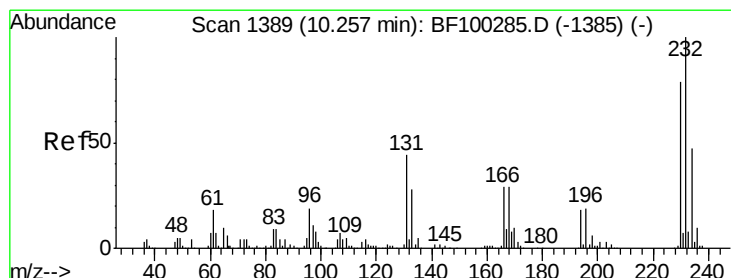
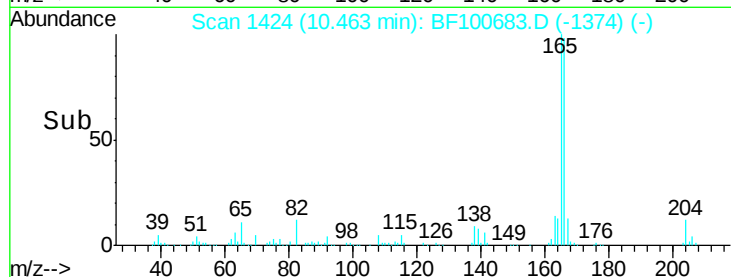
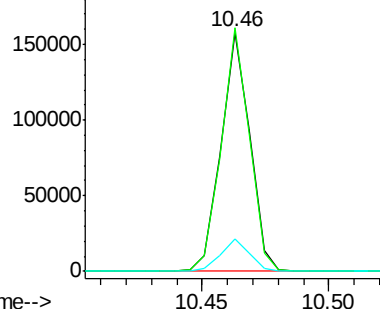
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.43 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Tgt Ion:232 Resp: 27757

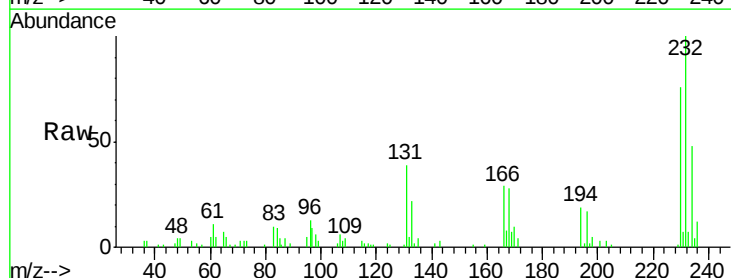
Ion Ratio Lower Upper

232 100

131 44.1 43.8 65.8

130 1.4 2.1 3.1#

166 29.4 27.8 41.6

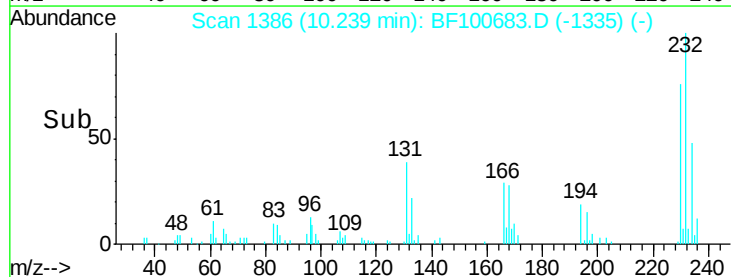
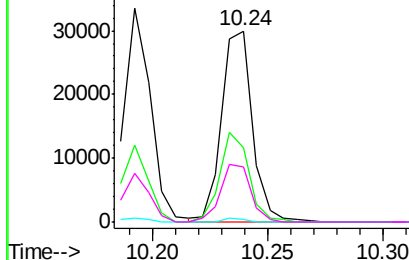


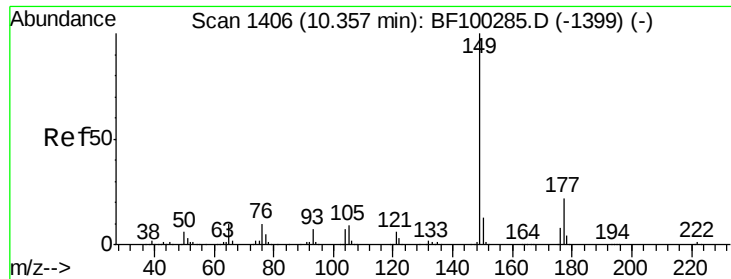
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

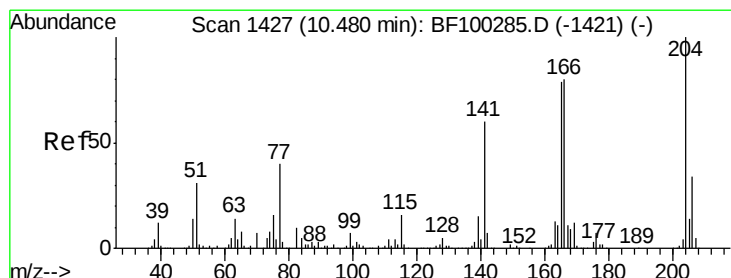
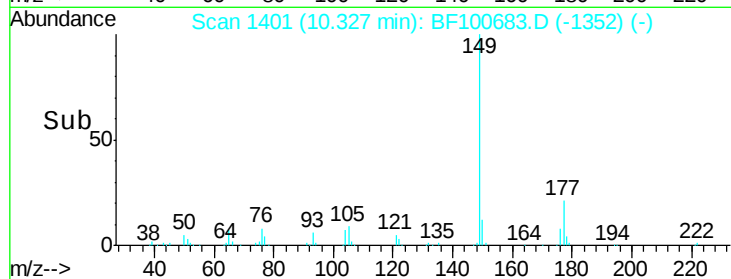
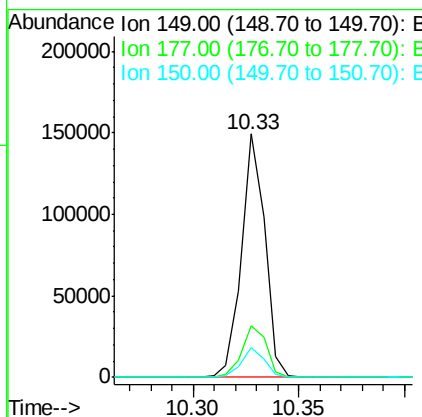
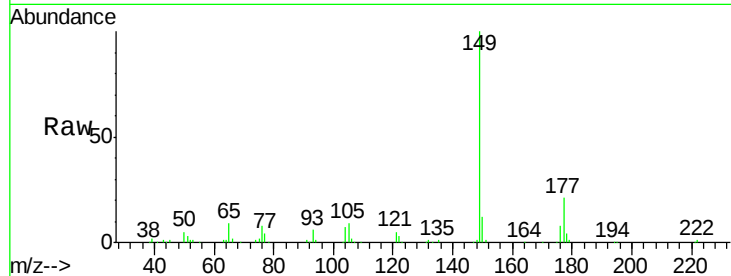




#59
Diethylphthalate
Concen: 8.12 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

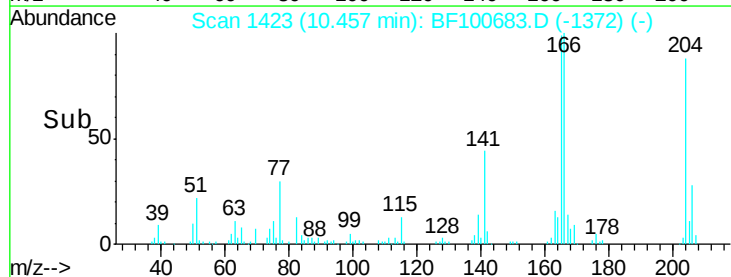
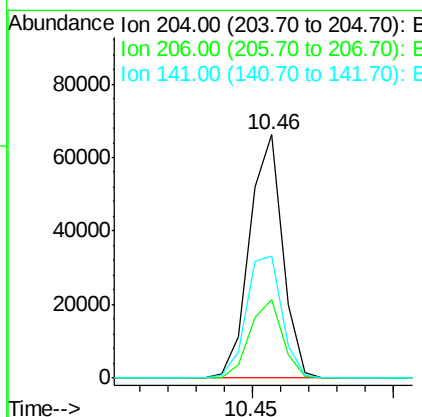
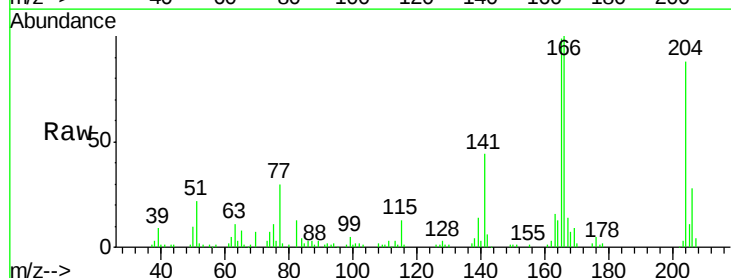
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

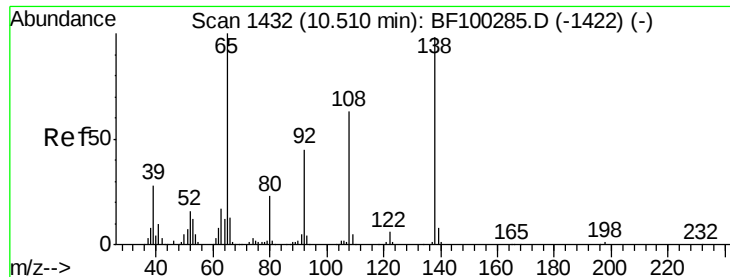
Tgt Ion:149 Resp: 114444
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 9.13 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:204 Resp: 53680
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 50.0 54.6 81.8#

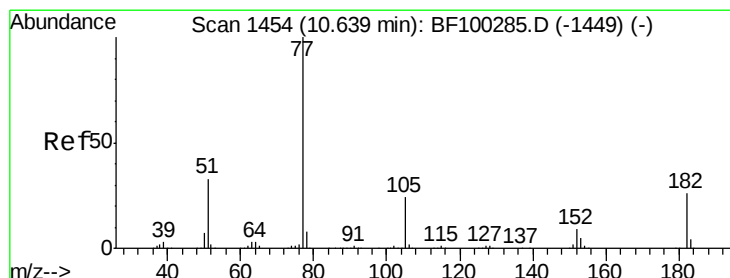
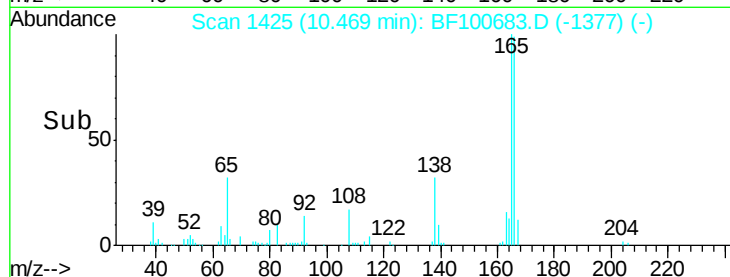
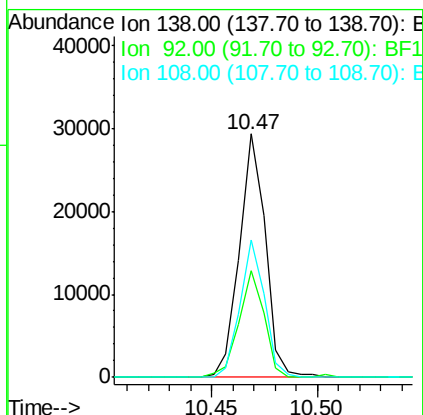
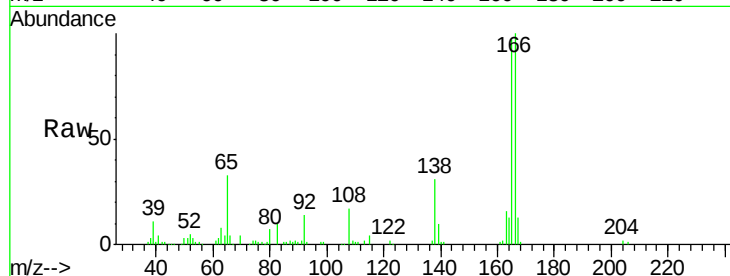




#61
4-Nitroaniline
Concen: 8.00 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

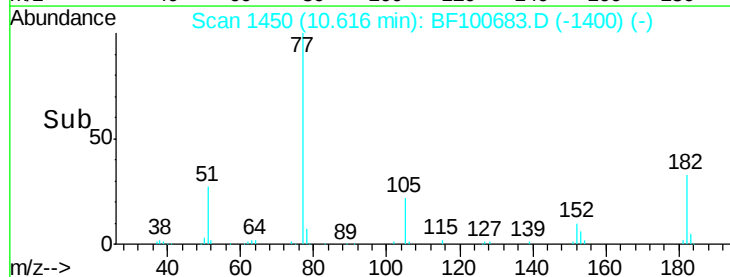
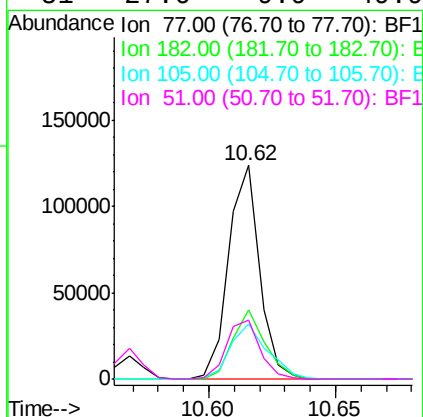
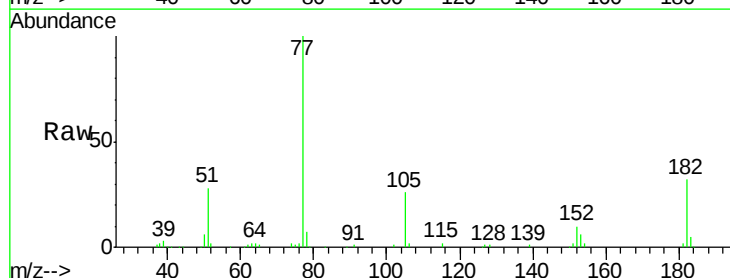
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

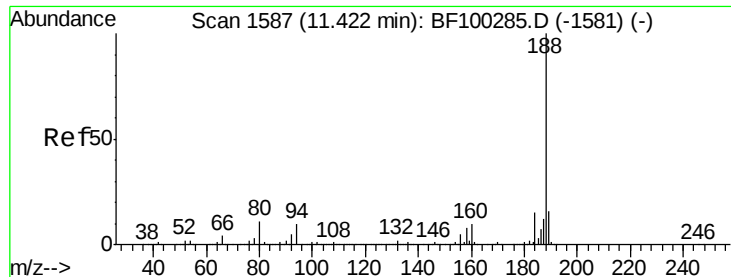
Tgt Ion: 138 Resp: 24988
Ion Ratio Lower Upper
138 100
92 44.1 30.2 70.2
108 56.2 52.5 92.5



#62
Azobenzene
Concen: 7.89 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion: 77 Resp: 104773
Ion Ratio Lower Upper
77 100
182 32.1 1.7 41.7
105 26.1 3.0 43.0
51 27.6 9.9 49.9

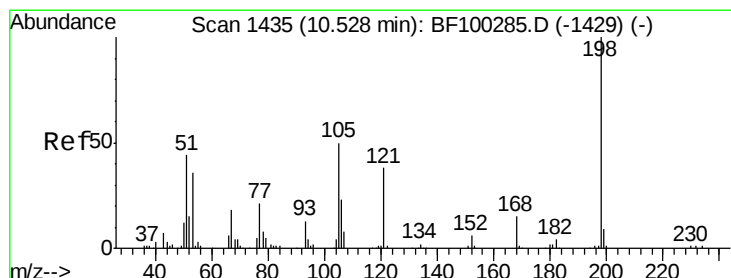
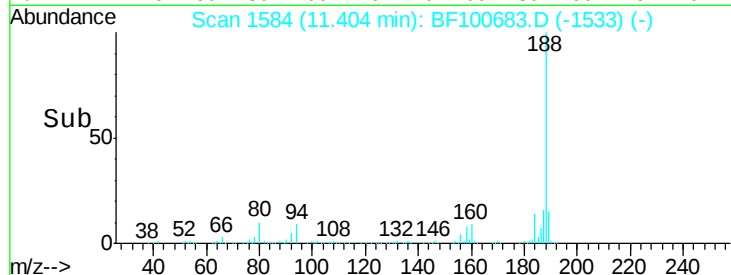
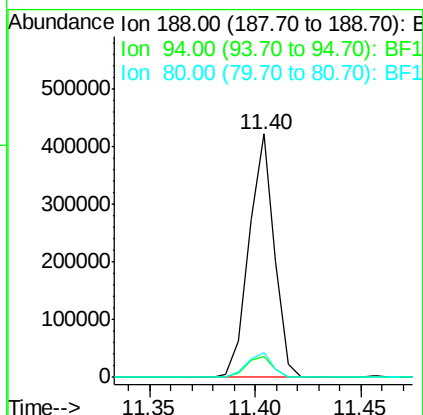
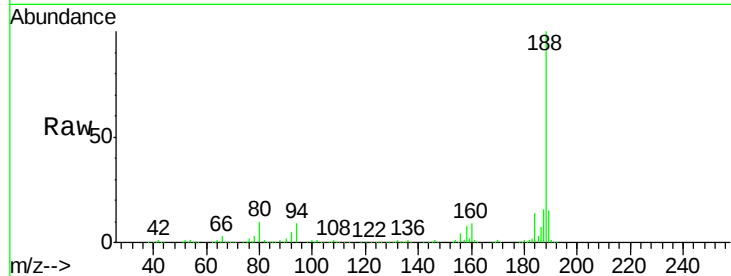




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

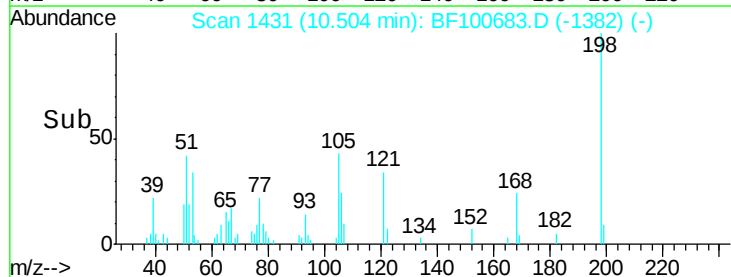
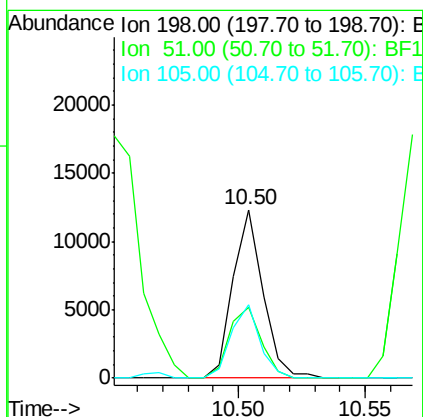
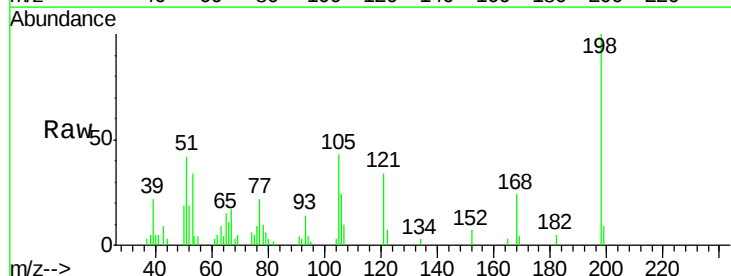
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

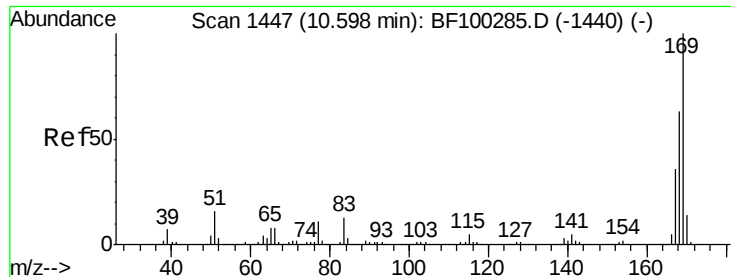
Tgt Ion:188 Resp: 350250
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 10.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.28 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:198 Resp: 10137
 Ion Ratio Lower Upper
 198 100
 51 41.8 37.7 77.7
 105 43.5 36.3 76.3

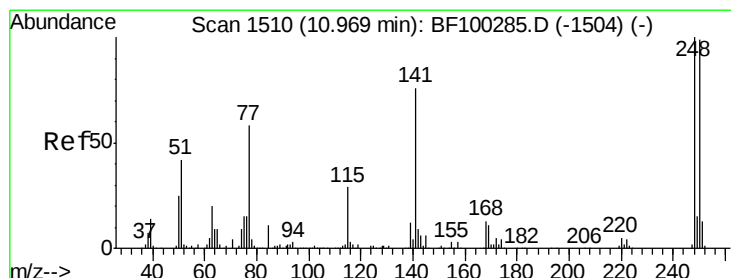
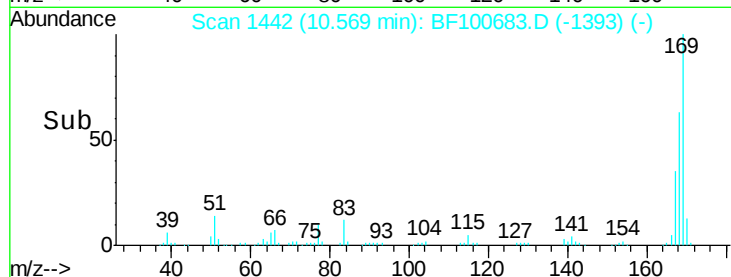
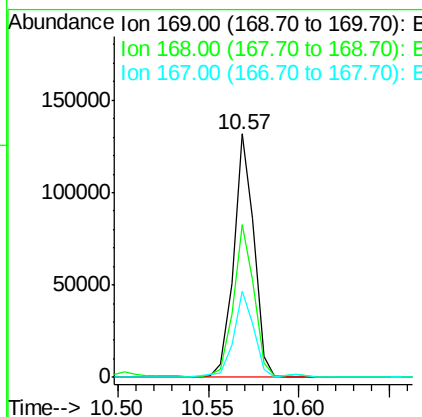
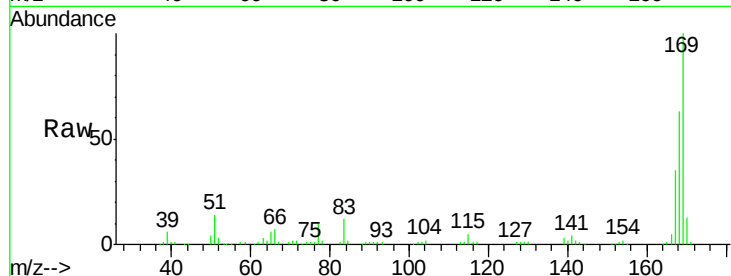




#65
n-Nitrosodiphenylamine
Concen: 8.40 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

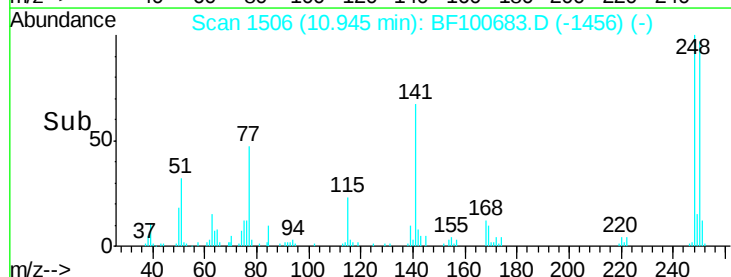
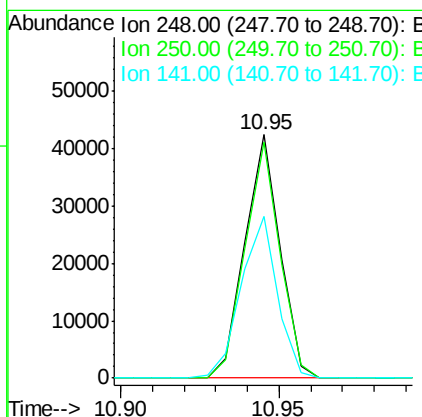
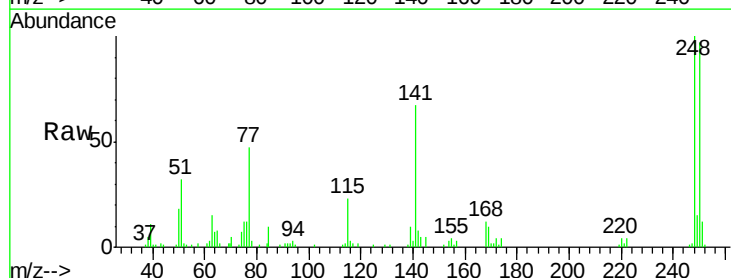
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

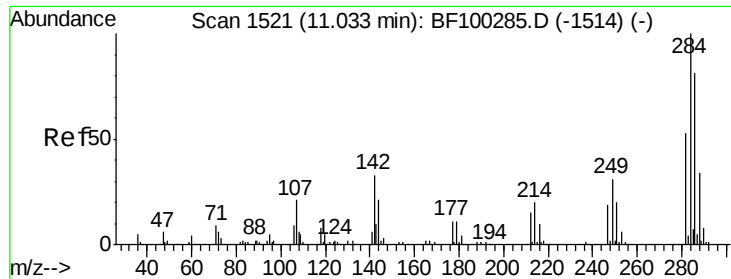
Tgt Ion:169 Resp: 102304
Ion Ratio Lower Upper
169 100
168 62.6 54.4 81.6
167 35.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 8.68 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:248 Resp: 32592
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 66.6 74.4 111.6#

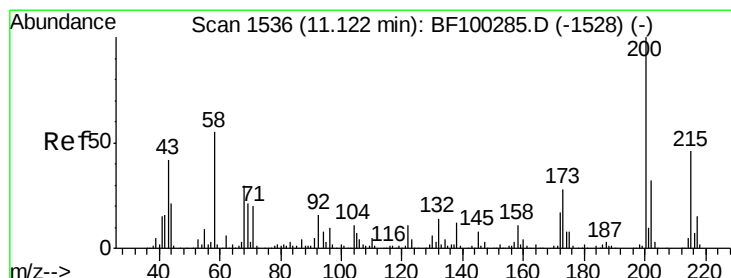
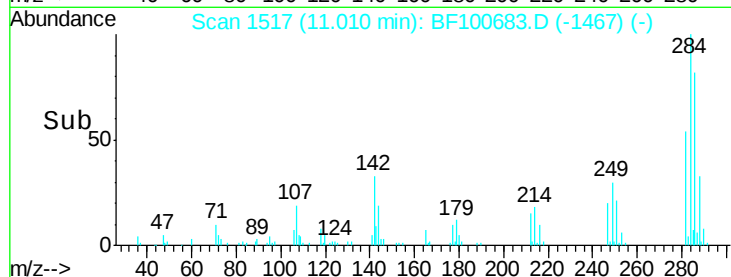
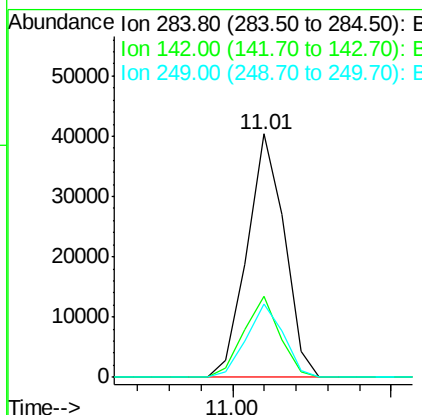
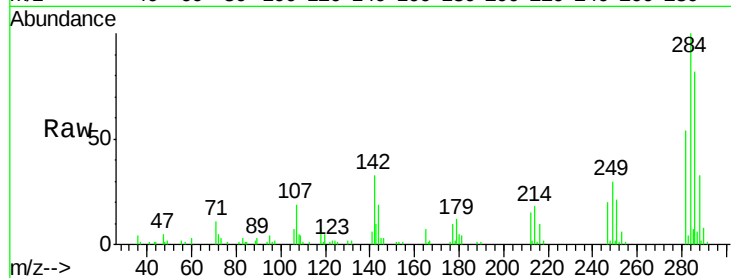




#67
Hexachlorobenzene
Concen: 8.40 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

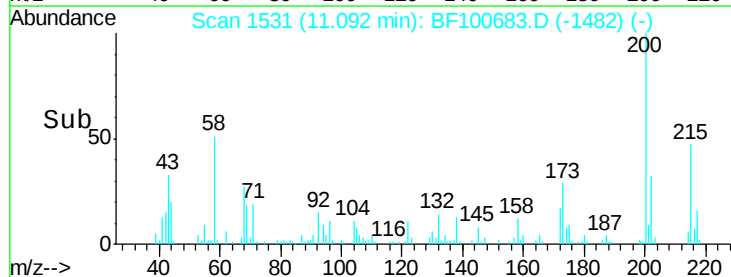
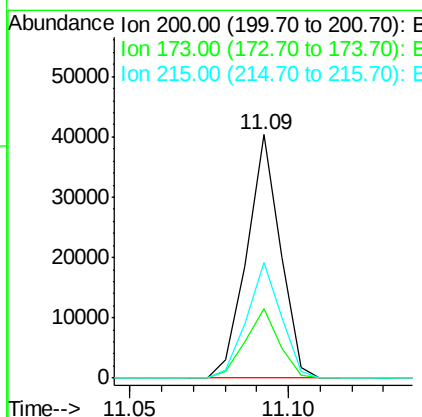
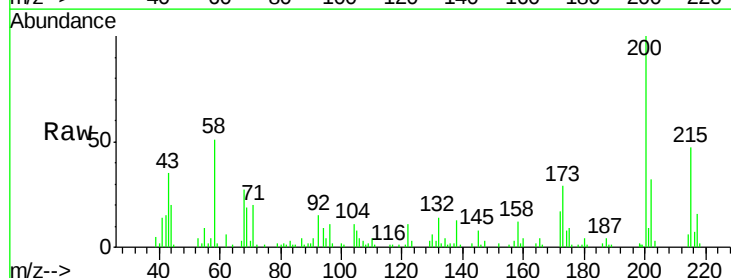
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

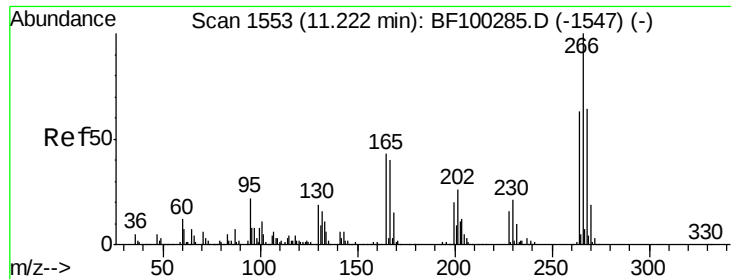
Tgt Ion:284 Resp: 32991
Ion Ratio Lower Upper
284 100
142 33.3 34.6 52.0#
249 30.1 24.8 37.2



#68
Atrazine
Concen: 8.01 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:200 Resp: 29530
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 47.3 25.1 65.1

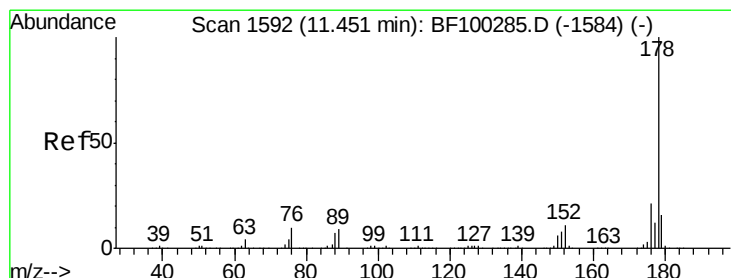
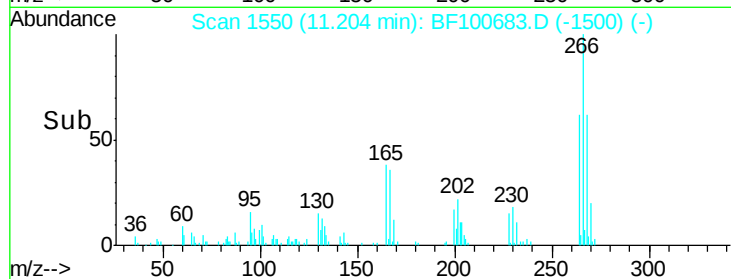
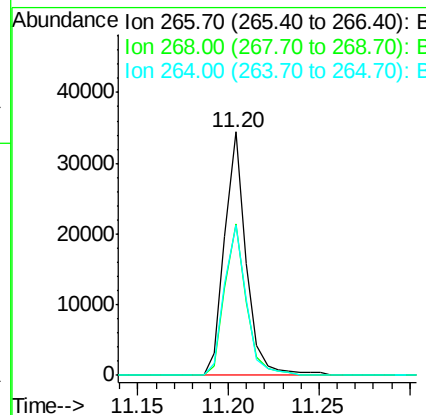
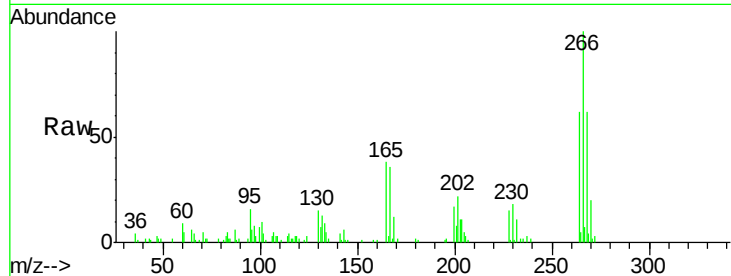




#69
 Pentachlorophenol
 Concen: 10.16 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

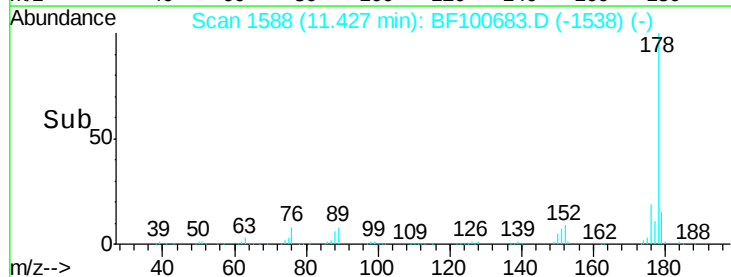
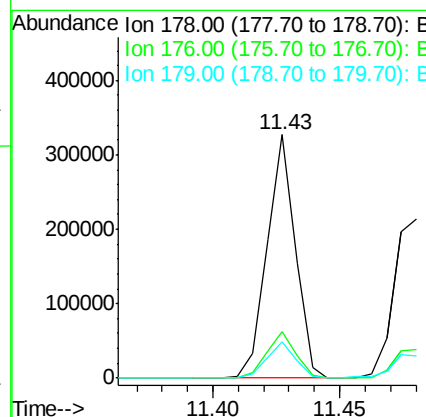
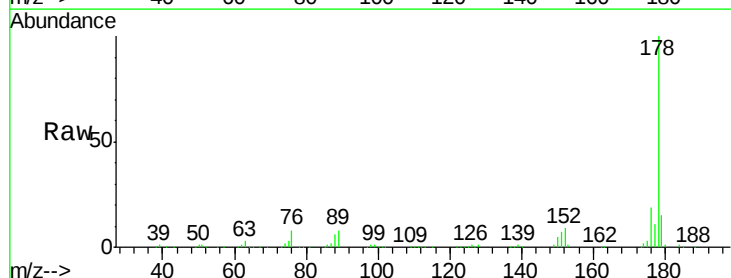
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

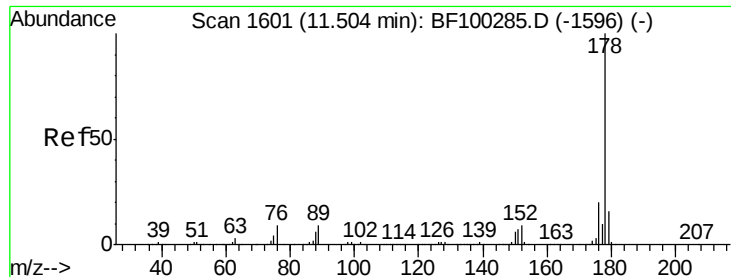
Tgt Ion:266 Resp: 28621
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 61.8 49.5 74.3



#70
 Phenanthrene
 Concen: 13.77 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:178 Resp: 253968
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.7 13.0 19.6

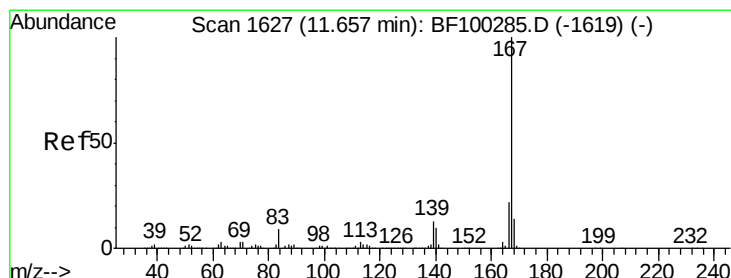
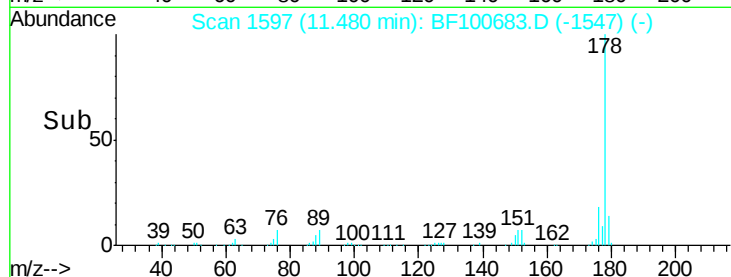
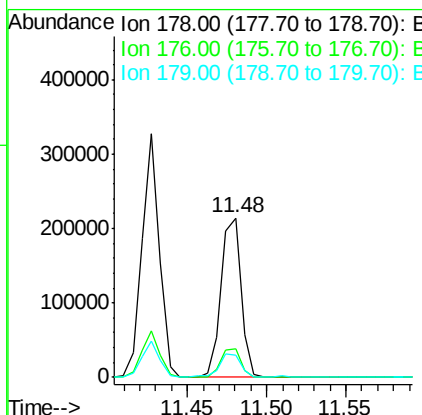
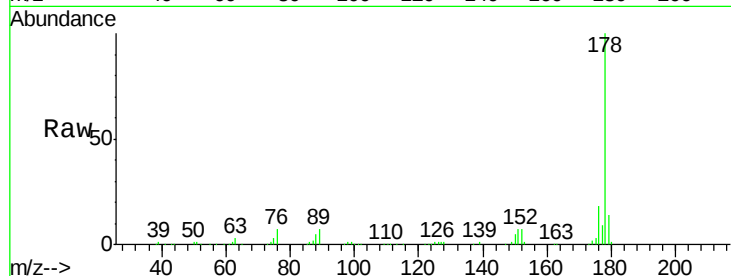




#71
 Anthracene
 Concen: 10.14 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

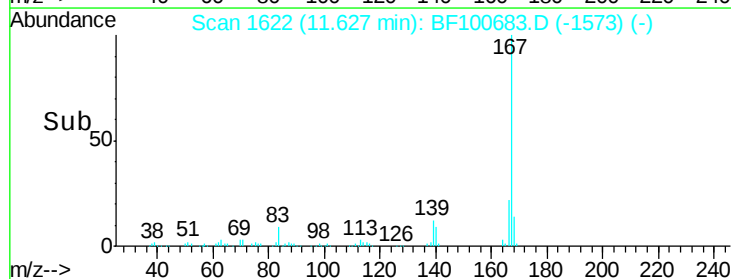
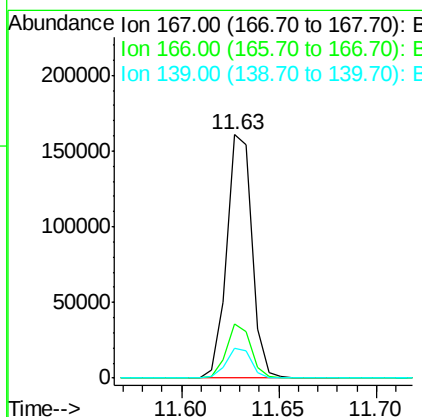
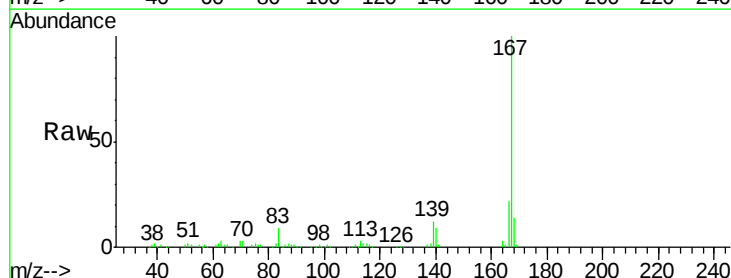
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-111417MS

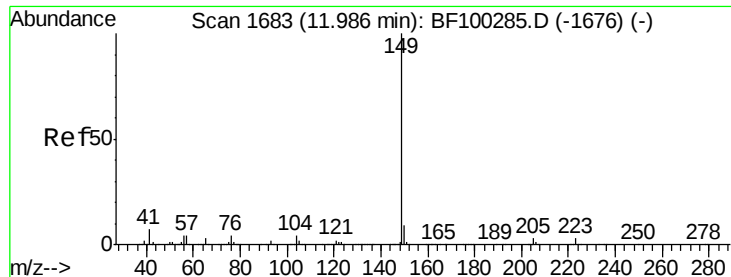
Tgt Ion:178 Resp: 189667
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 14.0 12.6 19.0



#72
 Carbazole
 Concen: 8.38 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100683.D
 Acq: 17 Nov 2017 19:43

Tgt Ion:167 Resp: 144650
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.3 10.9 16.3

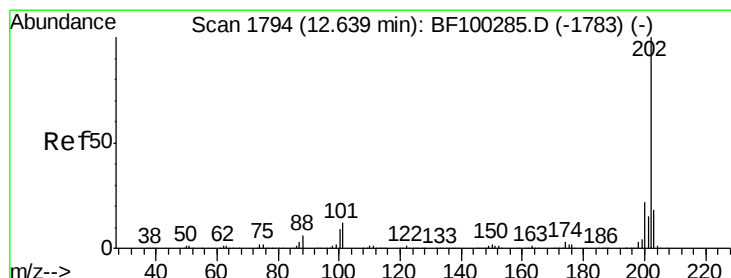
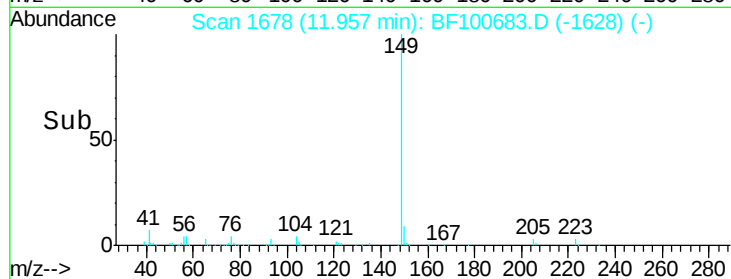
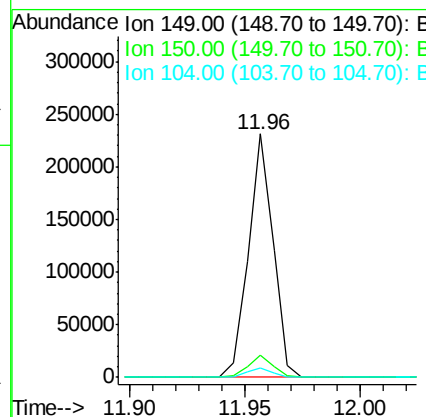
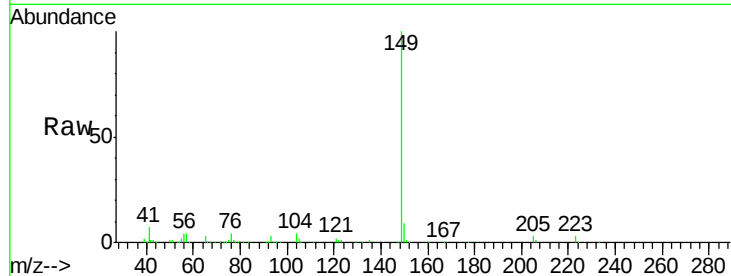




#73
Di-n-butylphthalate
Concen: 8.56 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

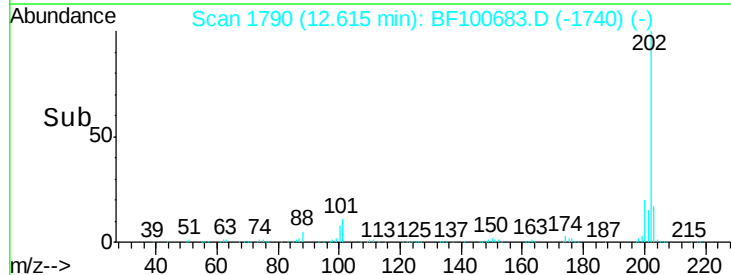
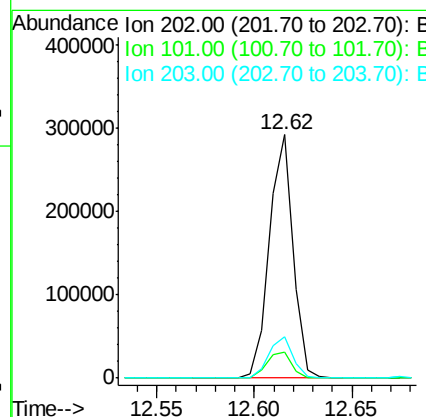
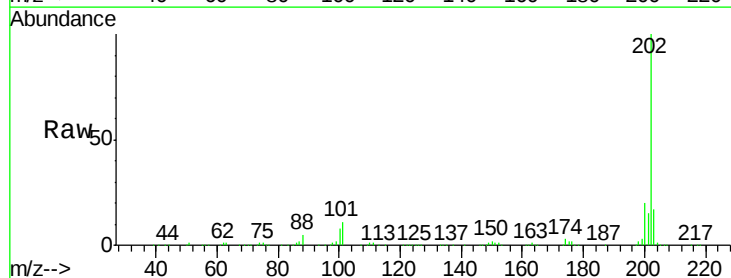
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

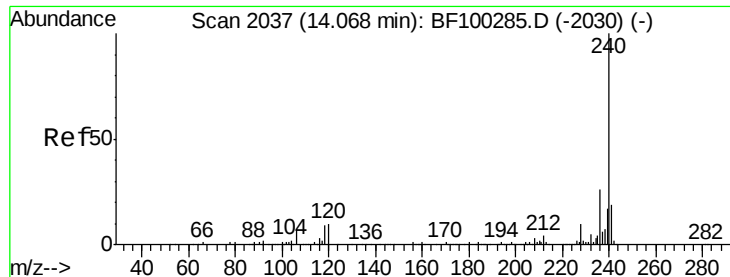
Tgt Ion:149 Resp: 172956
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 12.58 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:202 Resp: 245861
Ion Ratio Lower Upper
202 100
101 10.6 0.0 34.1
203 17.2 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: BF100683.D

Acq: 17 Nov 2017 19:43

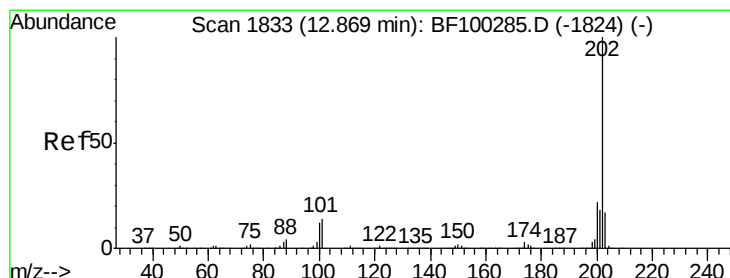
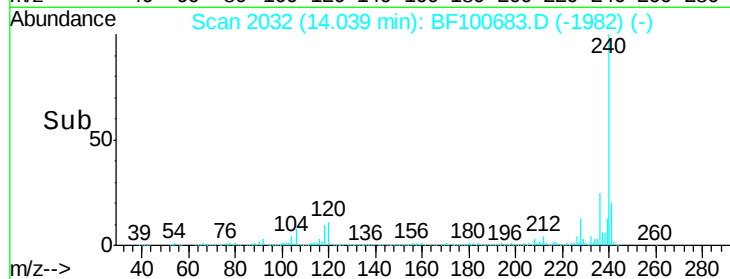
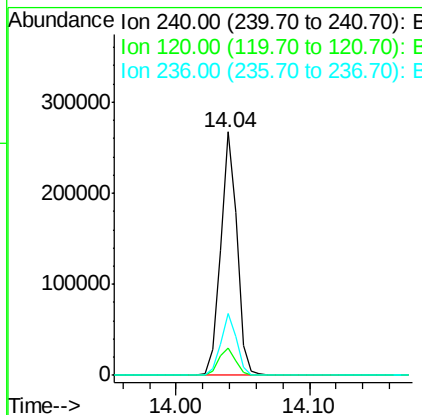
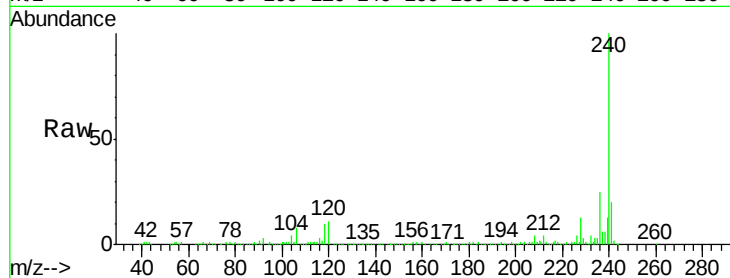
Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

Tgt Ion:	240	Resp:	232337
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.2	20.7	31.1



#77

Pyrene

Concen: 13.30 ng

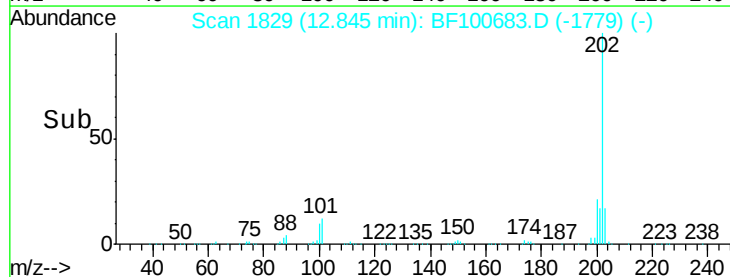
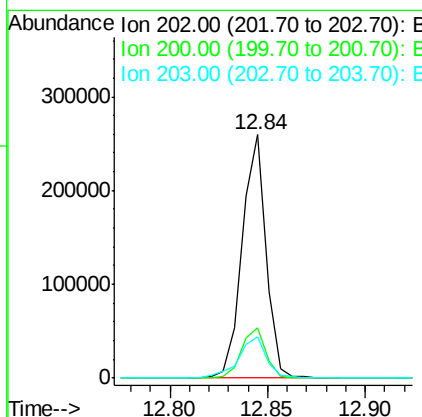
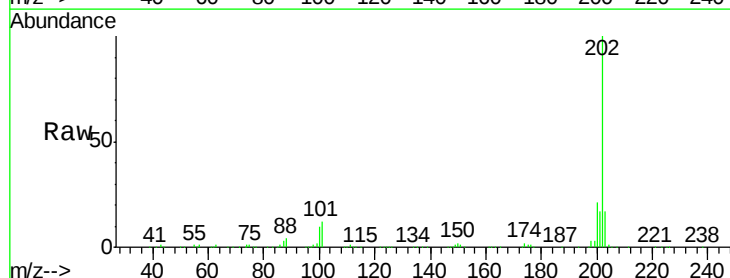
RT: 12.84 min Scan# 1829

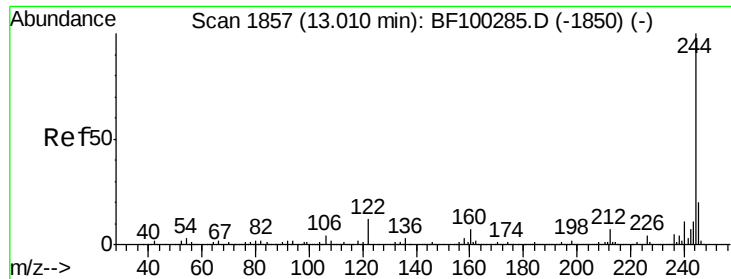
Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Tgt Ion:	202	Resp:	220324
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	16.8	14.3	21.5





#78

Terphenyl-d14

Concen: 18.99 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

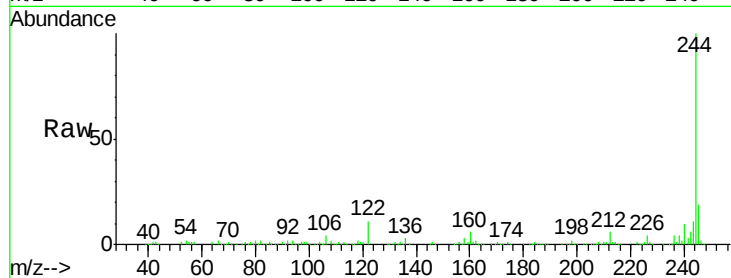
Tgt Ion:244 Resp: 192057

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

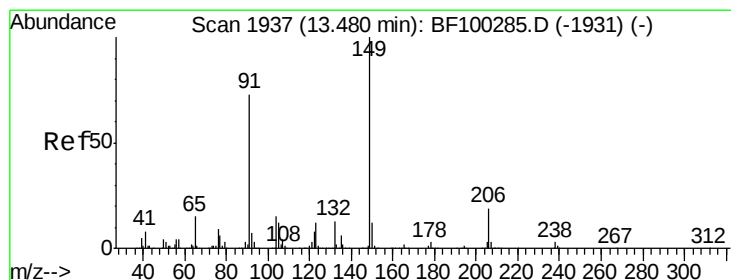
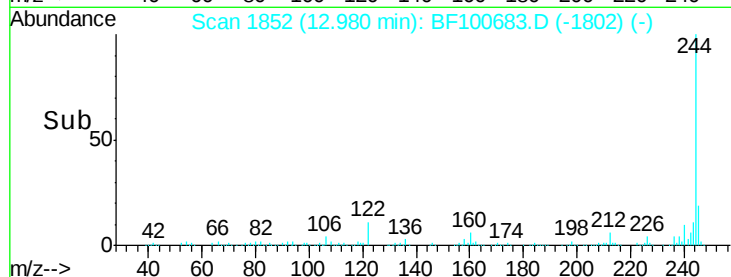
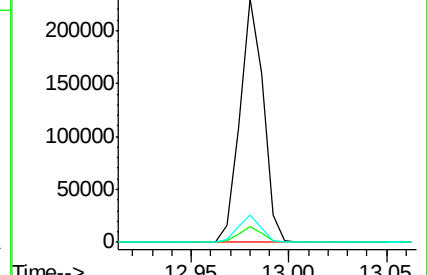
122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 8.04 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

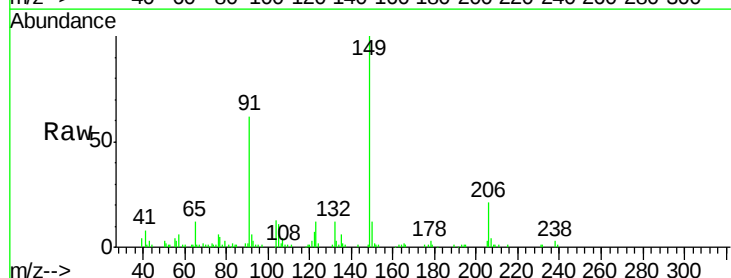
Tgt Ion:149 Resp: 54336

Ion Ratio Lower Upper

149 100

91 61.6 56.8 85.2

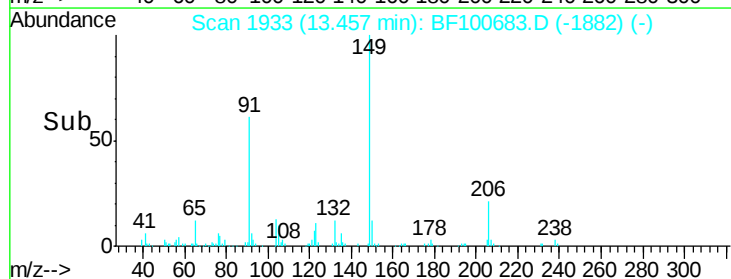
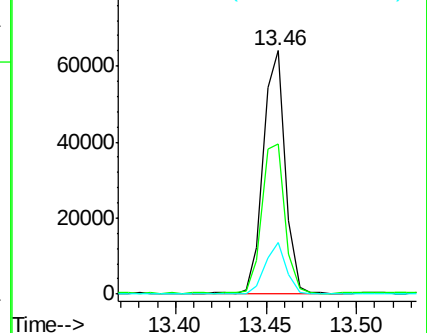
206 21.0 14.1 21.1

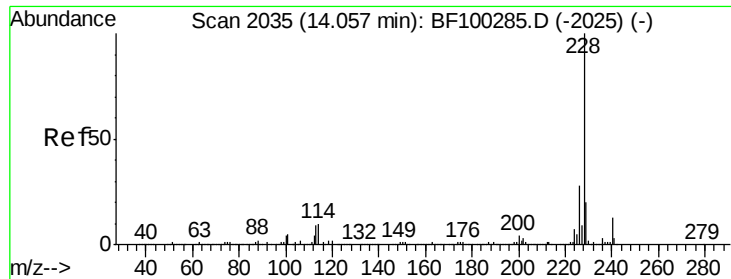


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 10.67 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

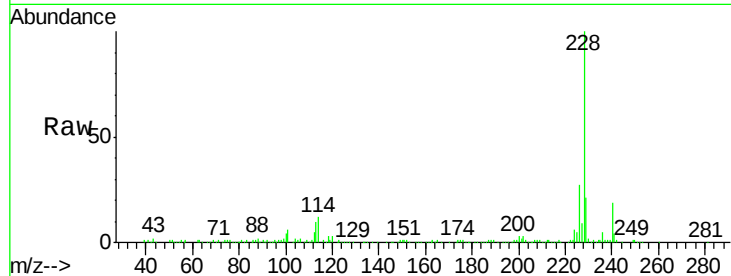
Tgt Ion:228 Resp: 149328

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

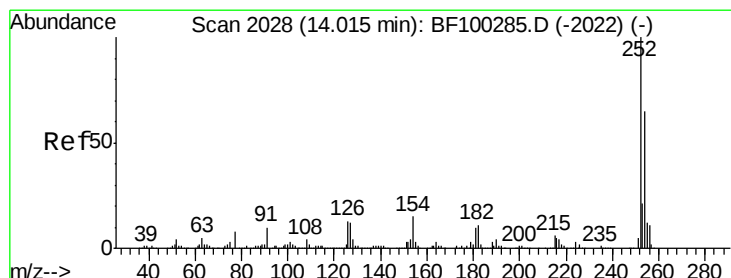
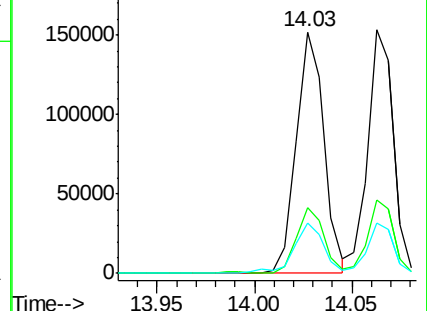
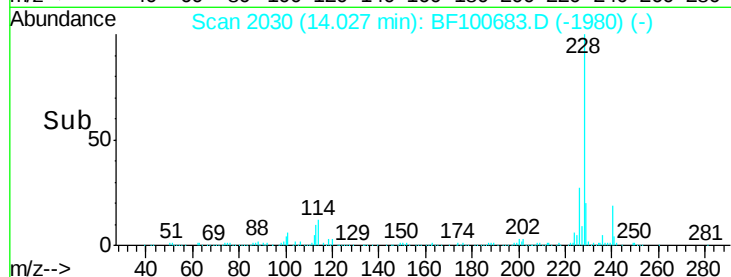
229 20.7 15.8 23.6



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: 5.78 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

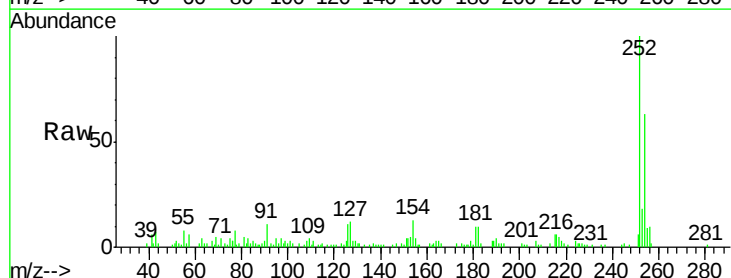
Tgt Ion:252 Resp: 28993

Ion Ratio Lower Upper

252 100

254 63.3 50.4 75.6

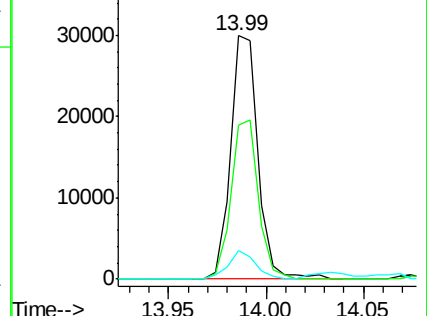
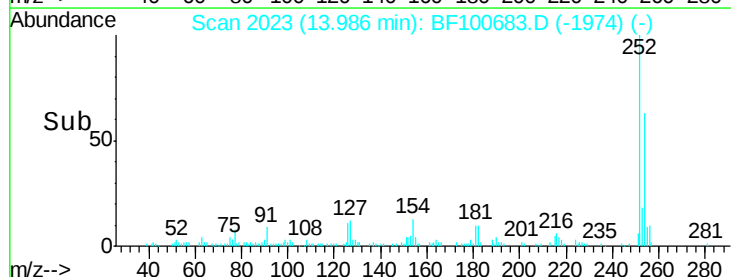
126 11.5 11.3 16.9

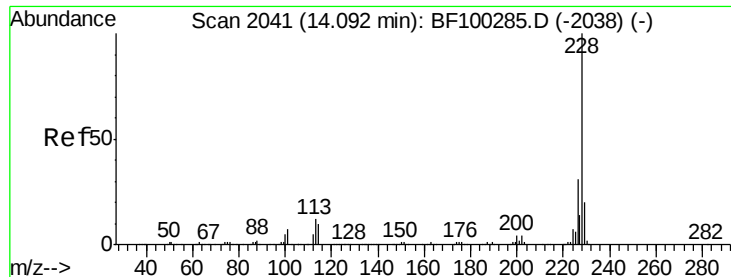


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 10.35 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

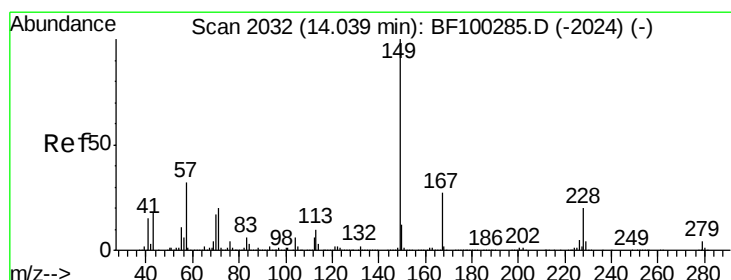
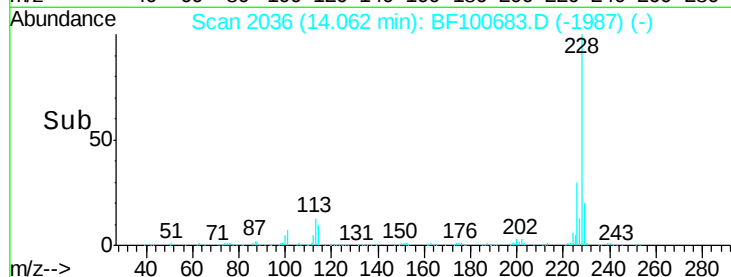
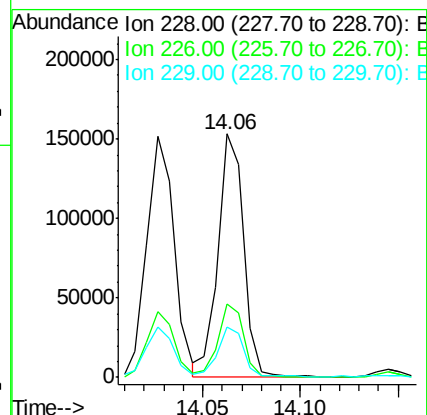
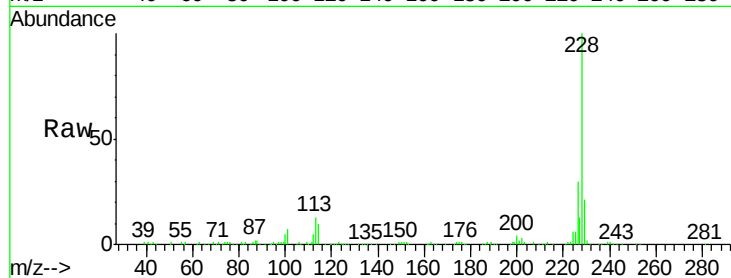
Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

Tgt Ion:	228	Resp:	140252
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.5	16.2	24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.33 ng

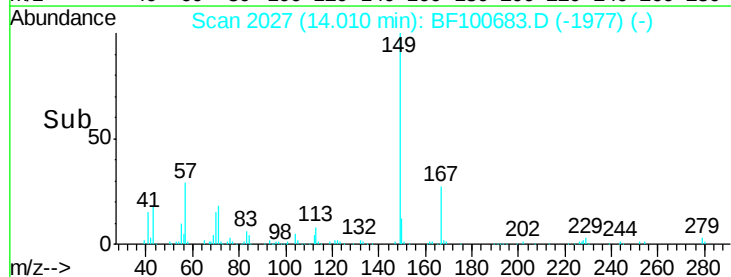
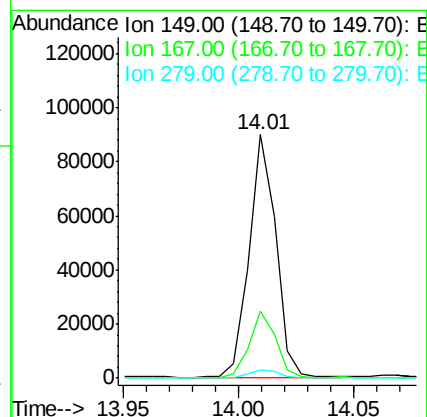
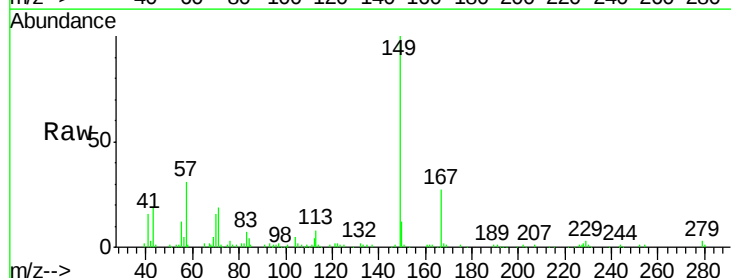
RT: 14.01 min Scan# 2027

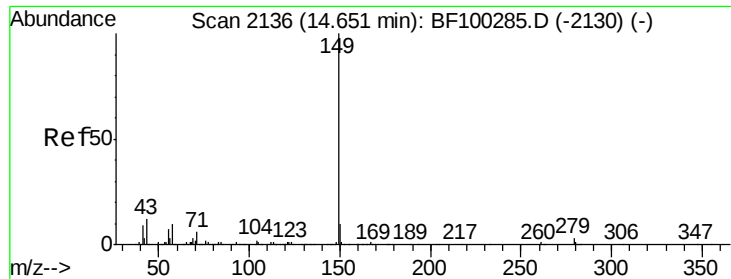
Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Tgt Ion:	149	Resp:	73962
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.3	3.0	4.4

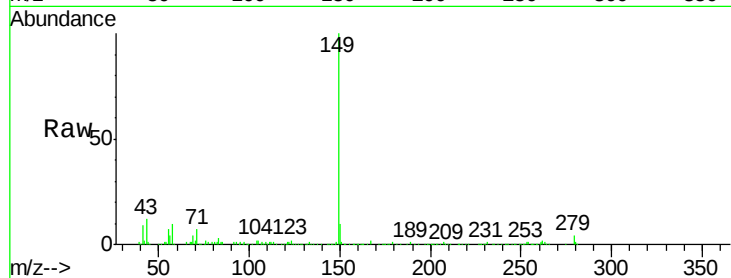




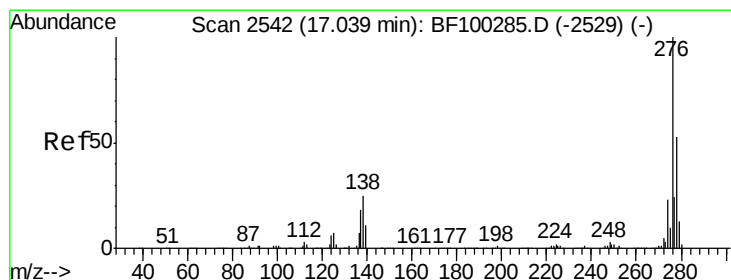
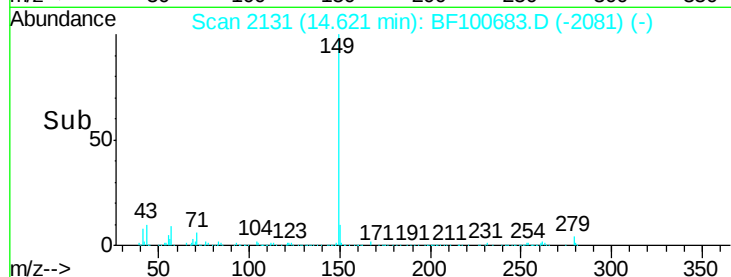
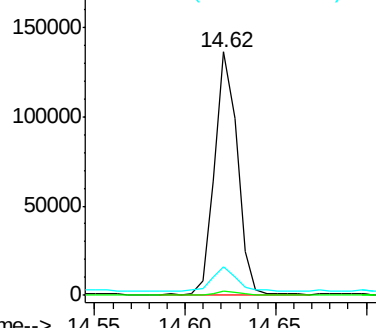
#84
Di-n-octyl phthalate
Concen: 7.71 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	11.2	8.4	12.6

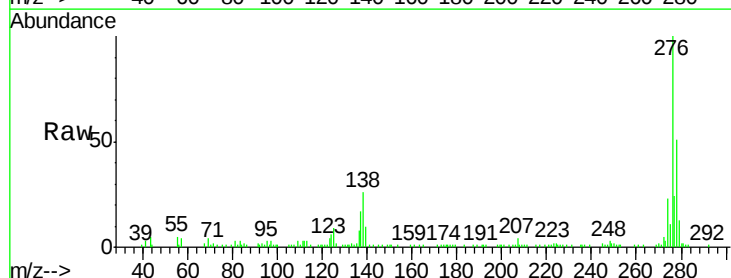


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

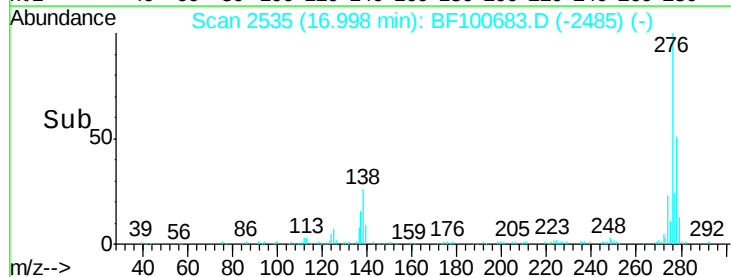
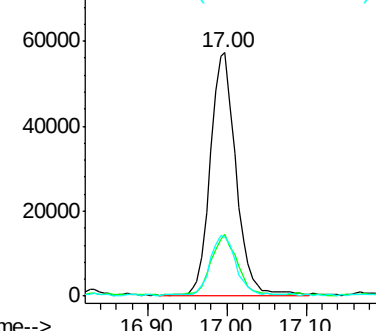


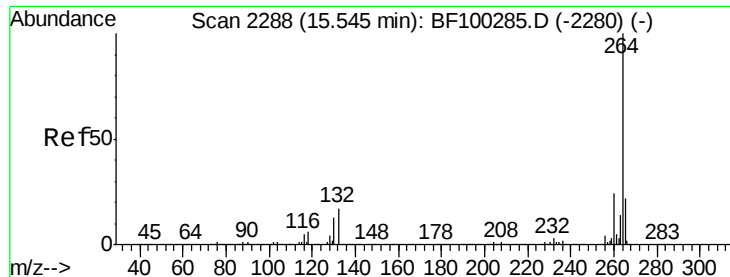
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.87 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	24.3	20.1	30.1



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

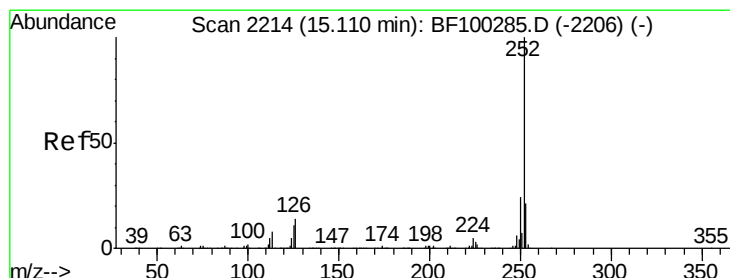
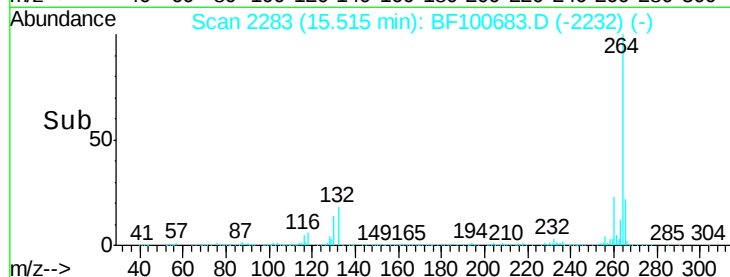
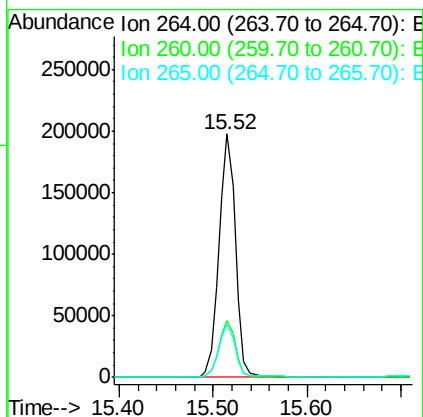
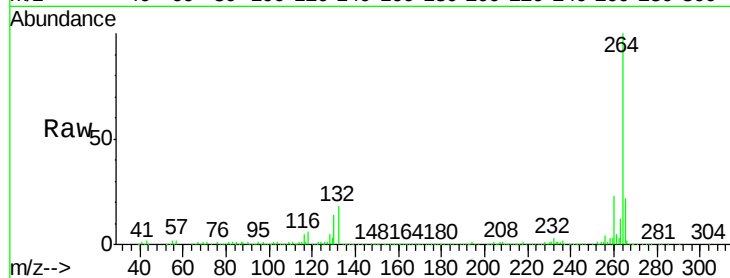




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

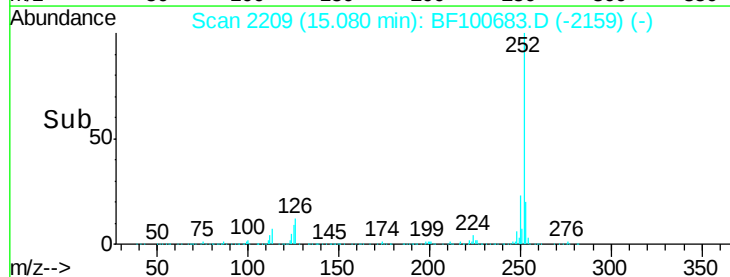
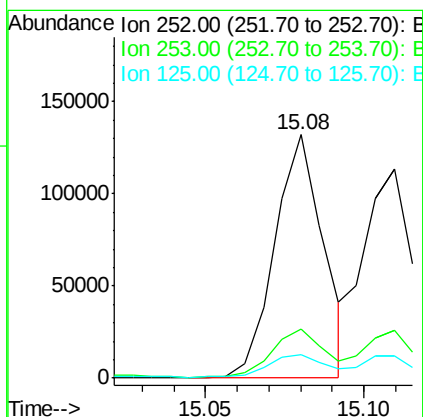
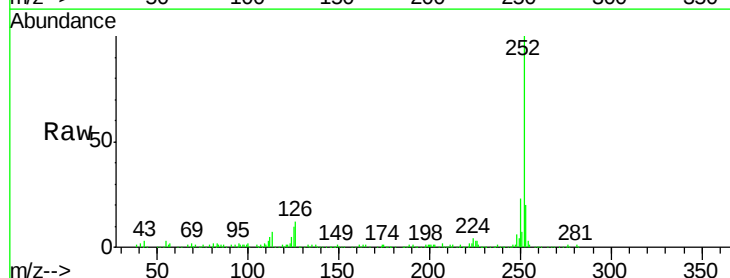
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

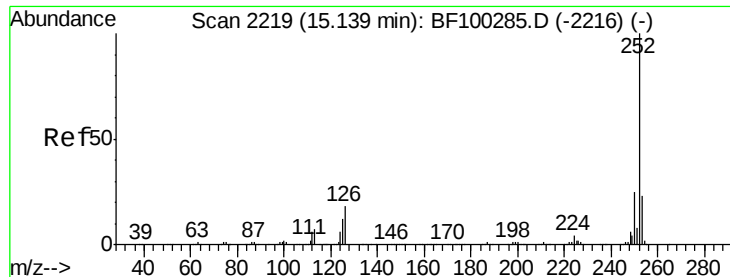
Tgt Ion:264 Resp: 244229
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 9.78 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:252 Resp: 141523
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.6
125 9.8 9.0 13.6

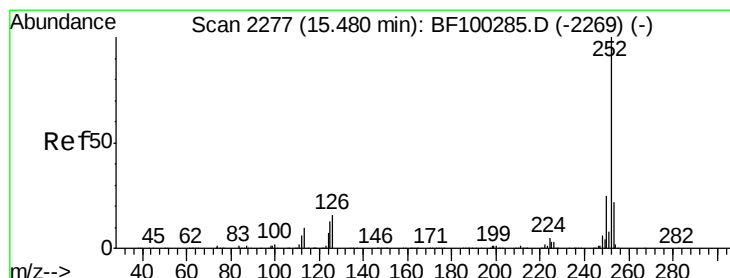
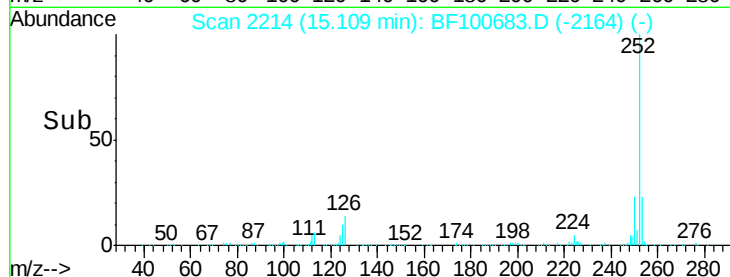
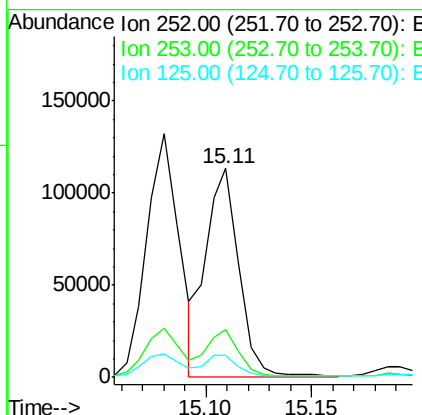
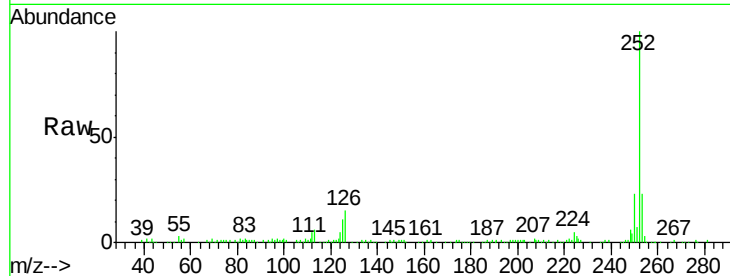




#88
Benzo(k)fluoranthene
Concen: 9.09 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

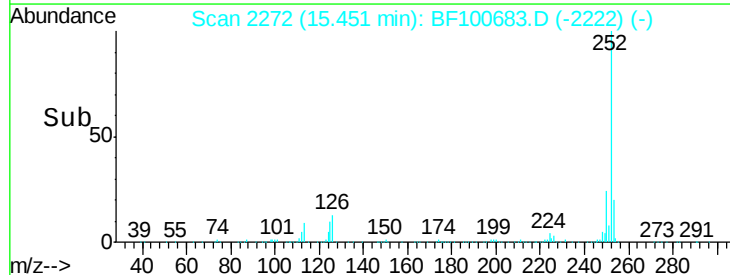
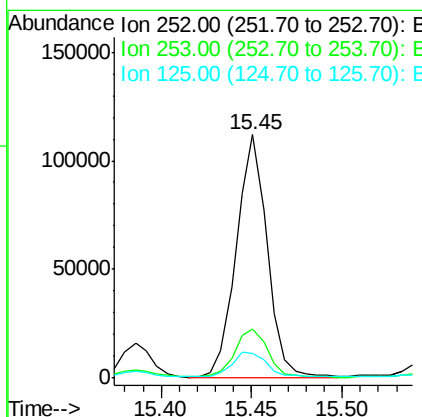
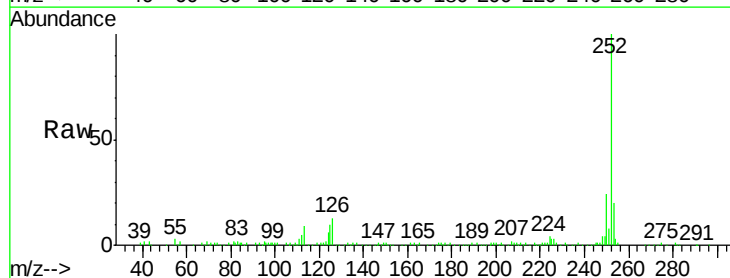
Instrument :
BNA_F
ClientSampleId :
SU-01-111417MS

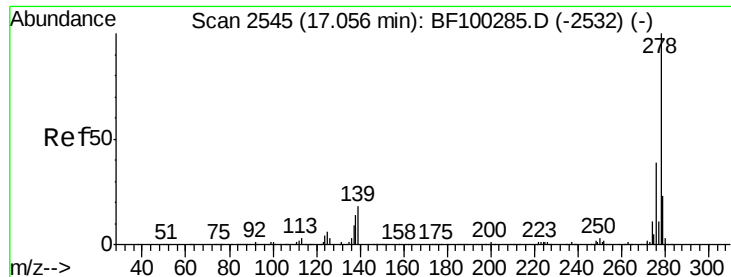
Tgt Ion:252 Resp: 124311
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 10.33 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100683.D
Acq: 17 Nov 2017 19:43

Tgt Ion:252 Resp: 132551
Ion Ratio Lower Upper
252 100
253 20.3 17.1 25.7
125 10.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 9.09 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

Instrument :

BNA_F

ClientSampleId :

SU-01-111417MS

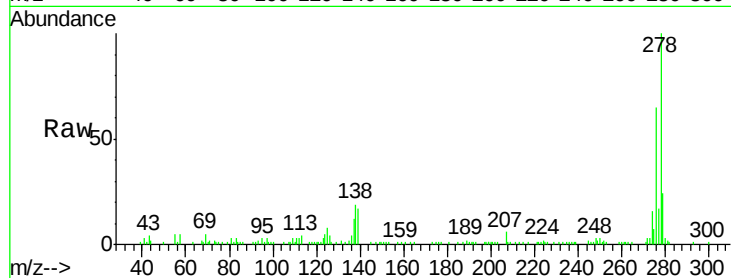
Tgt Ion:278 Resp: 95315

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

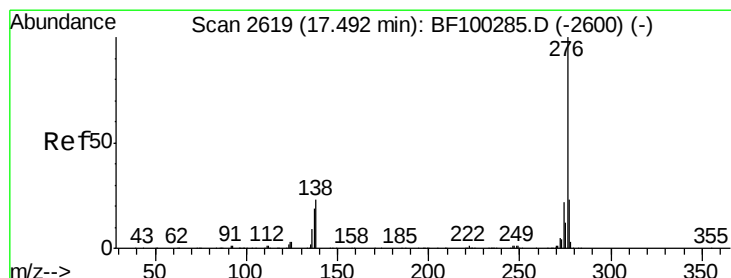
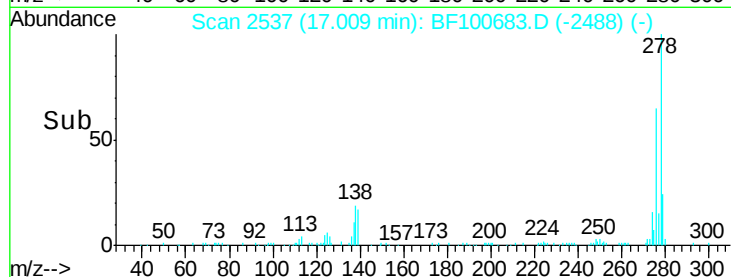
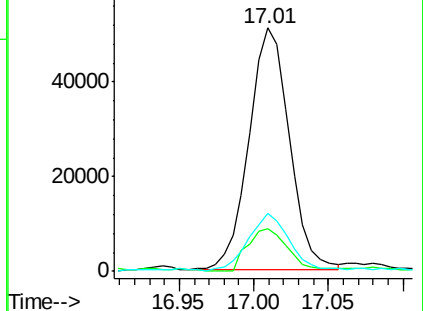
279 24.0 19.0 28.4



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: 10.40 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100683.D

Acq: 17 Nov 2017 19:43

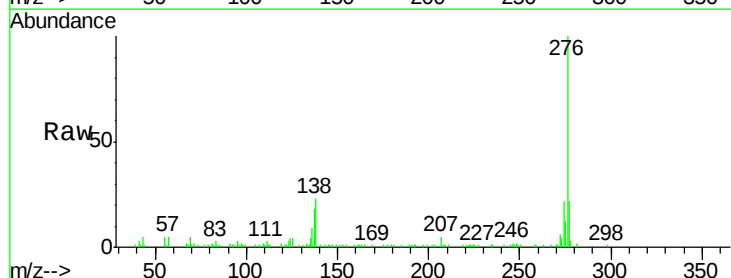
Tgt Ion:276 Resp: 106763

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 23.3 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

