

Data File : BF100681.D
Acq On : 17 Nov 2017 18:49
Operator : SJ/JU
Sample : PB104282BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Quant Time: Nov 17 22:22:01 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	92582	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	365116	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175064	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350700	20.00	ng	0.00
75) Chrysene-d12	14.04	240	240207	20.00	ng	0.00
86) Perylene-d12	15.52	264	206095	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	694921	120.32	ng	0.02
7) Phenol-d6	6.52	99	850849	119.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	541887	98.12	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	256084	143.55	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1124996	97.85	ng	0.00
78) Terphenyl-d14	12.99	244	1104642	105.66	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.75	88	88882	31.58	ng 97
3) Pyridine	3.52	79	263287	34.29	ng 97
4) n-Nitrosodimethylamine	3.47	42	127926	34.31	ng 99
6) Aniline	6.55	93	197706	19.65	ng 99
8) 2-Chlorophenol	6.67	128	268167	43.89	ng 99
9) Benzaldehyde	6.43	77	99378	19.54	ng 94
10) Phenol	6.53	94	318715	42.63	ng 99
11) bis(2-Chloroethyl)ether	6.62	93	241797	38.50	ng 99
12) 1,3-Dichlorobenzene	6.90	146	302305	42.91	ng 99
13) 1,4-Dichlorobenzene	6.90	146	302305	42.40	ng 98
14) 1,2-Dichlorobenzene	7.06	146	282600	42.87	ng 95
15) Benzyl Alcohol	7.02	79	232479	41.82	ng 97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	436054	43.41	ng 99
17) 2-Methylphenol	7.13	107	234103	44.84	ng 97
18) Hexachloroethane	7.39	117	100994	42.96	ng 99
19) n-Nitroso-di-n-propylamine	7.30	70	183807	37.21	ng 97
20) 3+4-Methylphenols	7.29	107	284584	43.07	ng # 80
22) Acetophenone	7.29	105	363277	40.80	ng # 95
24) Nitrobenzene	7.46	77	275550	48.48	ng 98
25) Isophorone	7.70	82	511542	44.08	ng 99
26) 2-Nitrophenol	7.78	139	153593	56.55	ng 93
27) 2,4-Dimethylphenol	7.82	122	263154	50.58	ng 97
28) bis(2-Chloroethoxy)methane	7.91	93	321503	42.35	ng 99
29) 2,4-Dichlorophenol	8.02	162	247970	49.93	ng 97
30) 1,2,4-Trichlorobenzene	8.10	180	246643	45.91	ng 97
31) Naphthalene	8.19	128	785192	44.65	ng 100
32) Benzoic acid	7.94	122	163951	42.49	ng 95
33) 4-Chloroaniline	8.23	127	91456	12.49	ng 95
34) Hexachlorobutadiene	8.30	225	140481	43.98	ng 98
35) Caprolactam	8.61	113	49402	28.99	ng 96
36) 4-Chloro-3-methylphenol	8.72	107	253857	47.59	ng 98
37) 2-Methylnaphthalene	8.88	142	540095	46.26	ng 98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	248627	42.82	ng 97
40) Hexachlorocyclopentadiene	9.03	237	286618	104.89	ng 97

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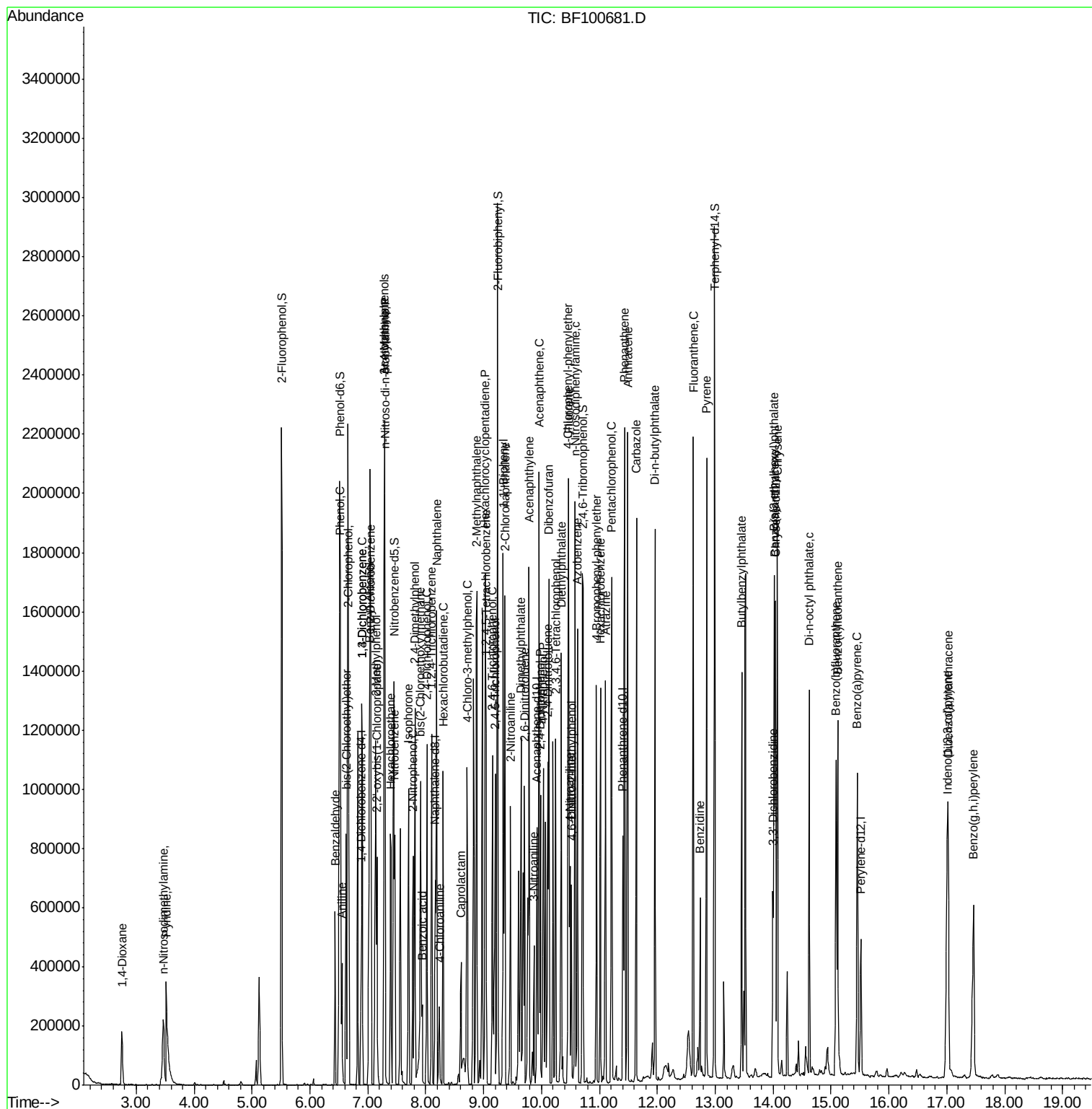
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	187267	50.89	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	194878	51.12	ng	# 91
45) 1,1'-Biphenyl	9.35	154	662546	43.76	ng	97
46) 2-Chloronaphthalene	9.37	162	521122	47.44	ng	96
47) 2-Nitroaniline	9.46	65	160211	49.28	ng	99
48) Acenaphthylene	9.79	152	802554	44.09	ng	99
49) Dimethylphthalate	9.65	163	614958	46.01	ng	98
50) 2,6-Dinitrotoluene	9.70	165	141153	53.35	ng	91
51) Acenaphthene	9.96	154	488807	44.15	ng	99
52) 3-Nitroaniline	9.87	138	77734	24.88	ng	99
53) 2,4-Dinitrophenol	9.98	184	138243	104.05	ng	# 16
54) Dibenzofuran	10.13	168	708572	45.66	ng	98
55) 4-Nitrophenol	10.04	139	233317	91.97	ng	84
56) 2,4-Dinitrotoluene	10.11	165	183293	54.91	ng	# 92
57) Fluorene	10.47	166	549816	48.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	160161	51.26	ng	# 85
59) Diethylphthalate	10.34	149	596110	44.57	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	266616	47.81	ng	93
61) 4-Nitroaniline	10.49	138	147944	49.94	ng	90
62) Azobenzene	10.62	77	538109	42.71	ng	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	93190	51.80	ng	84
65) n-Nitrosodiphenylamine	10.58	169	521124	42.74	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	174294	46.36	ng	# 85
67) Hexachlorobenzene	11.02	284	182294	46.36	ng	# 89
68) Atrazine	11.10	200	168327	45.60	ng	98
69) Pentachlorophenol	11.21	266	206980	73.41	ng	98
70) Phenanthrene	11.43	178	835792	45.26	ng	99
71) Anthracene	11.49	178	863816	46.11	ng	99
72) Carbazole	11.64	167	769124	44.50	ng	99
73) Di-n-butylphthalate	11.96	149	918049	45.38	ng	99
74) Fluoranthene	12.62	202	871632	44.54	ng	97
76) Benzidine	12.74	184	238570	24.80	ng	98
77) Pyrene	12.85	202	884565	51.66	ng	99
79) Butylbenzylphthalate	13.46	149	349860	50.10	ng	# 89
80) Benzo(a)anthracene	14.03	228	689683	47.68	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	129693	25.02	ng	97
82) Chrysene	14.07	228	644854	46.04	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	432920	47.14	ng	99
84) Di-n-octyl phthalate	14.63	149	645922	40.94	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	615265	54.30	ng	94
87) Benzo(b)fluoranthene	15.09	252	592175	48.50	ng	97
88) Benzo(k)fluoranthene	15.12	252	498453	43.21	ng	97
89) Benzo(a)pyrene	15.46	252	524180	48.42	ng	99
90) Dibenzo(a,h)anthracene	17.03	278	500897	56.58	ng	96
91) Benzo(g,h,i)perylene	17.46	276	524388	60.51	ng	93

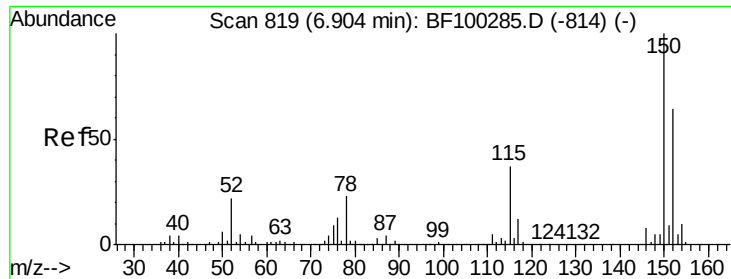
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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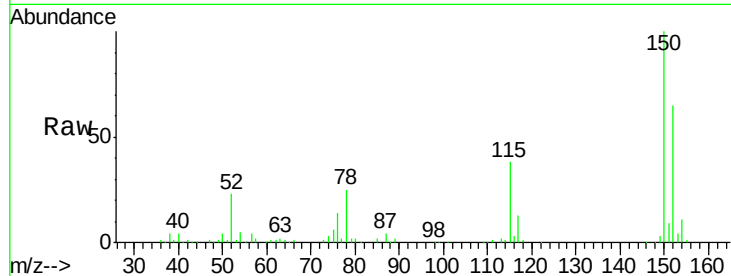


#1

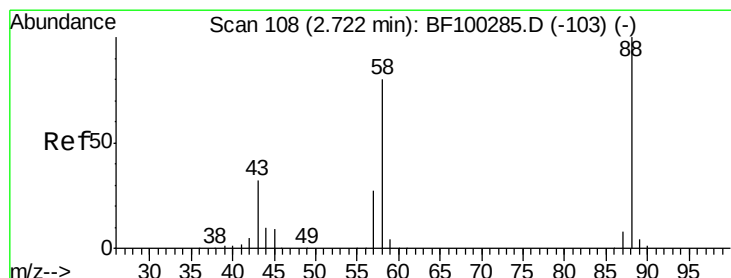
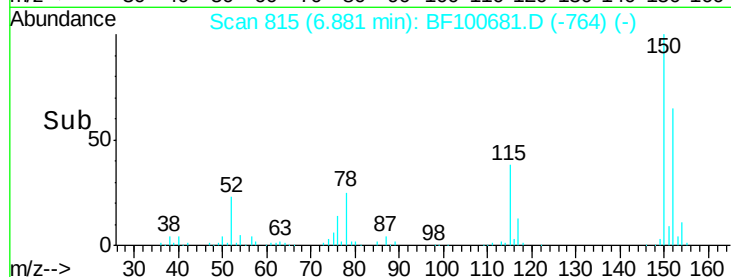
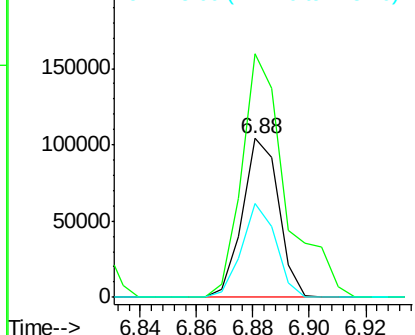
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tgt Ion: 152 Resp: 92582
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 58.8 50.1 75.1



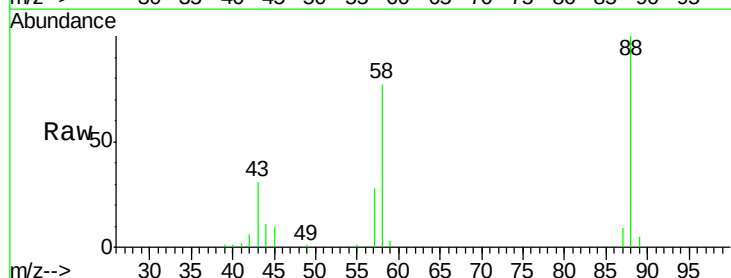
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



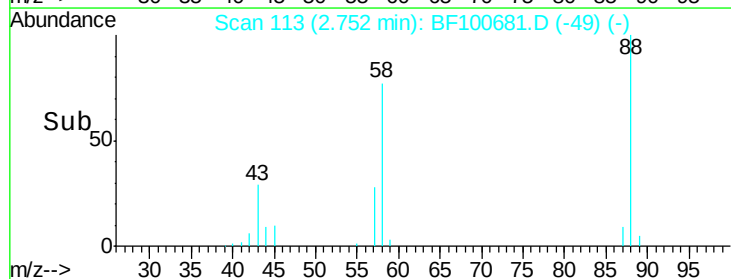
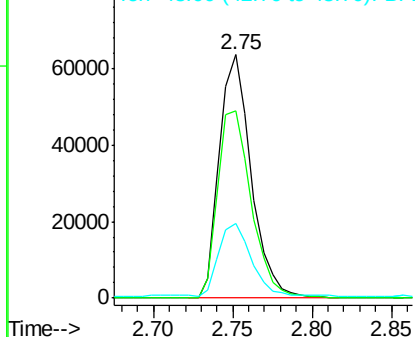
#2

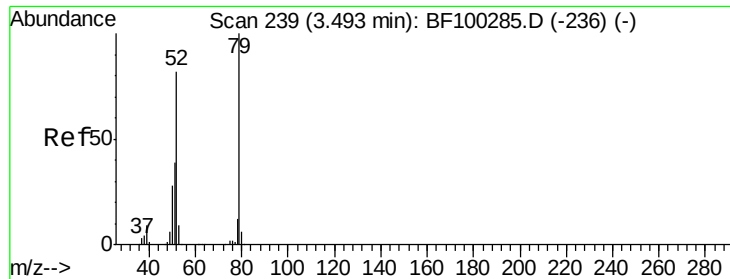
1,4-Dioxane
Concen: 31.58 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion: 88 Resp: 88882
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 31.0 24.6 37.0



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





#3

Pyridine

Concen: 34.29 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.07 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

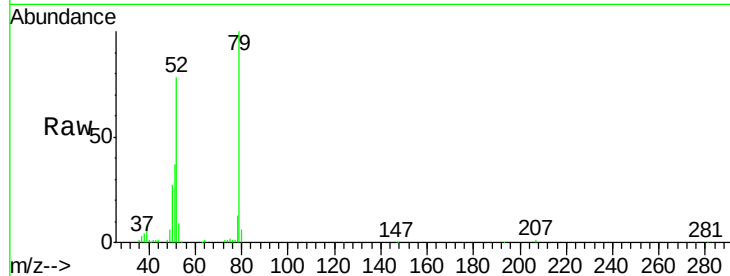
Tgt Ion: 79 Resp: 263287

Ion Ratio Lower Upper

79 100

52 78.4 59.8 89.6

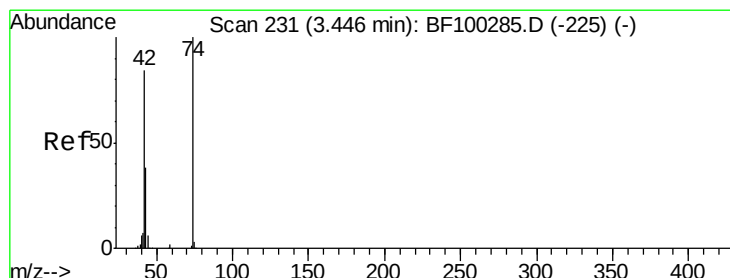
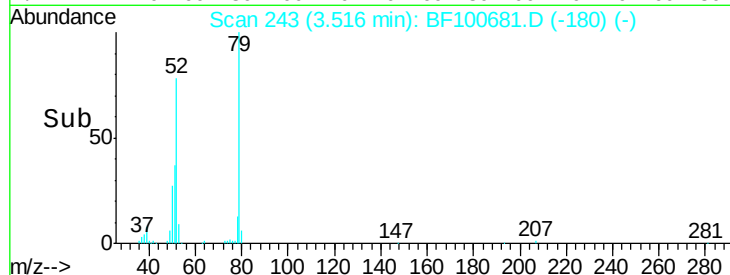
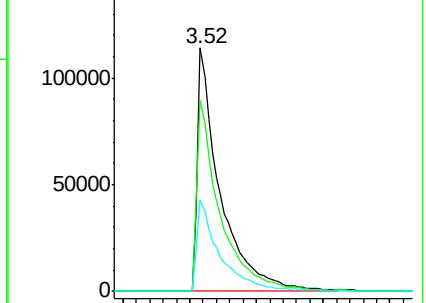
51 37.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.31 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

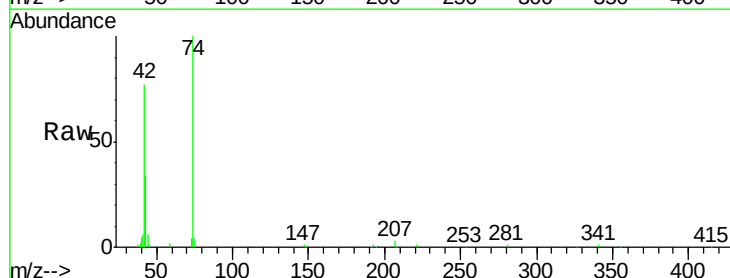
Tgt Ion: 42 Resp: 127926

Ion Ratio Lower Upper

42 100

74 130.7 104.9 157.3

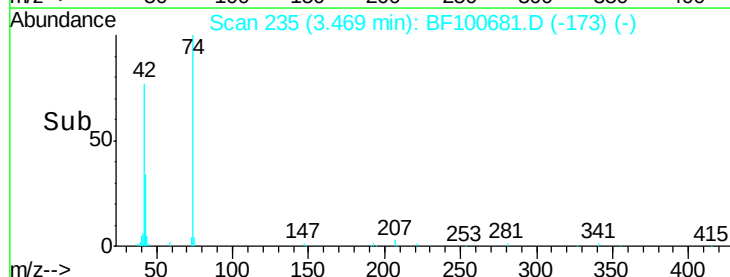
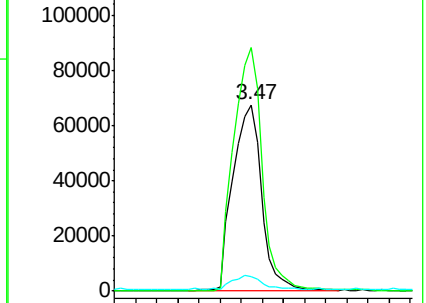
44 7.5 6.9 10.3

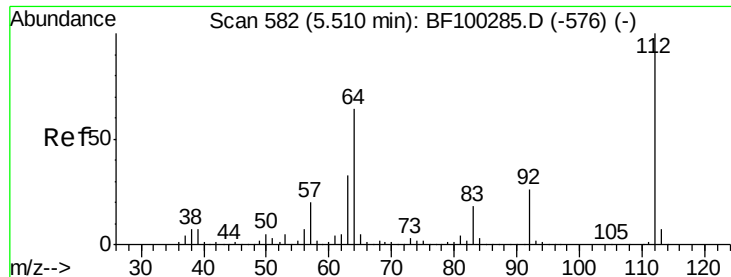


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.32 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

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ClientSampleId :

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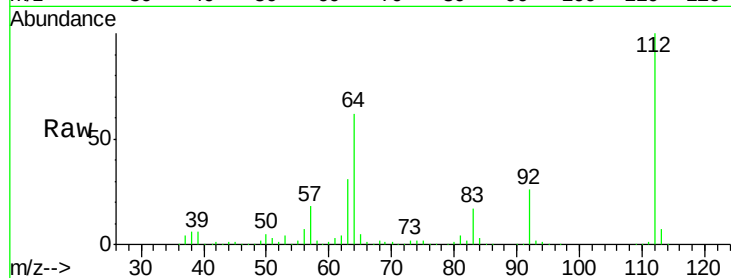
Tgt Ion: 112 Resp: 694921

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

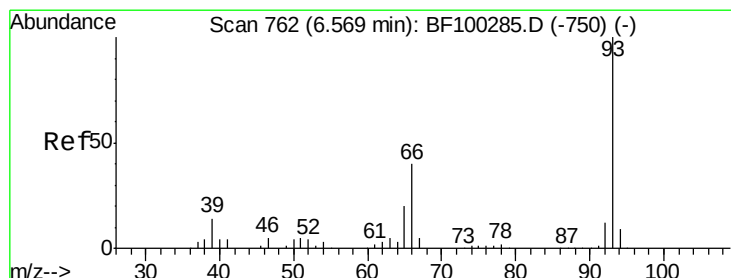
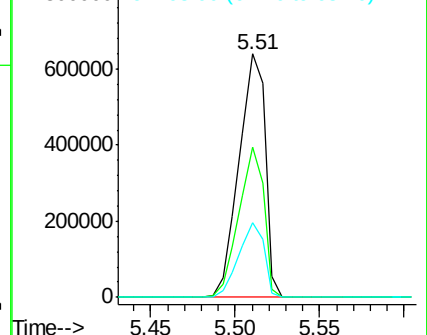
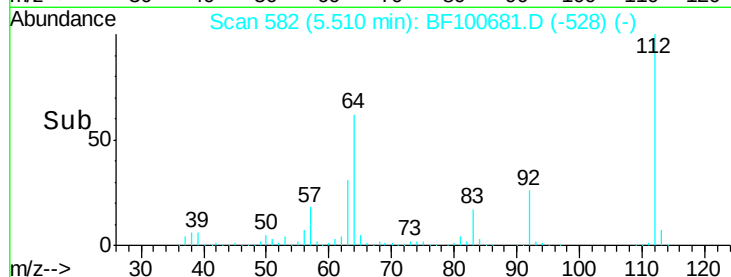
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.65 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

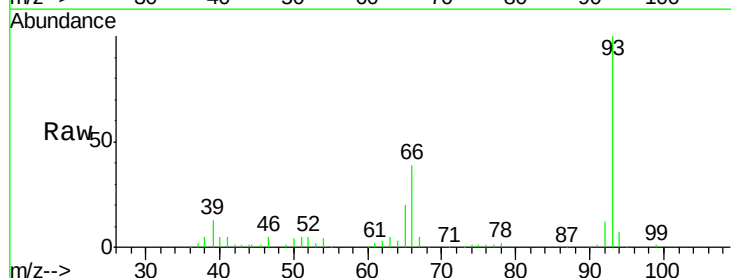
Tgt Ion: 93 Resp: 197706

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

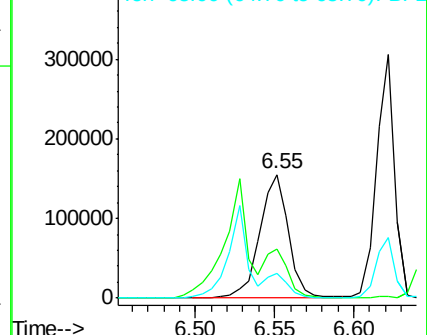
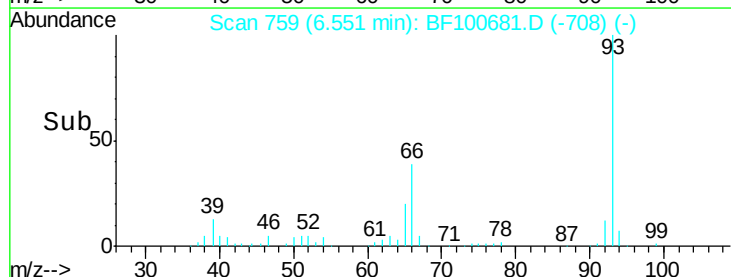
65 19.8 16.4 24.6

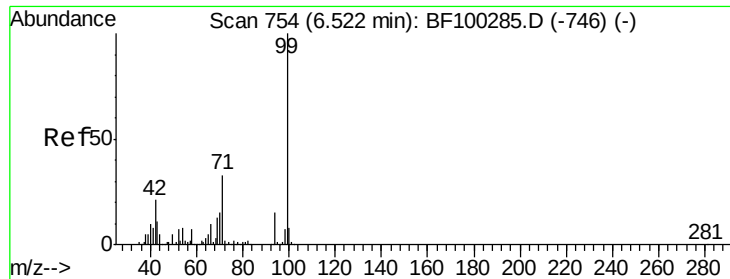


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.47 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100681.D

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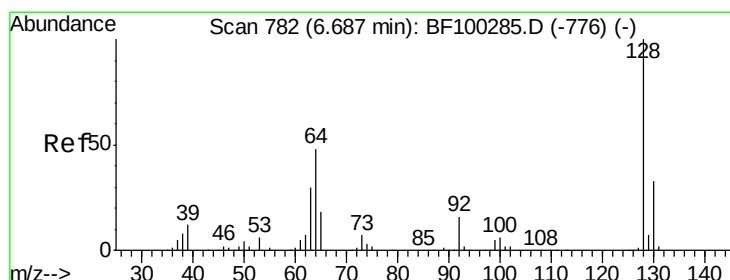
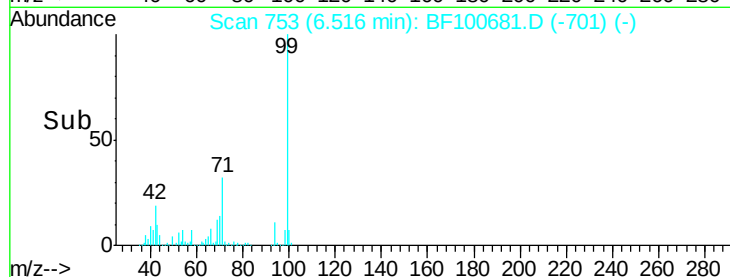
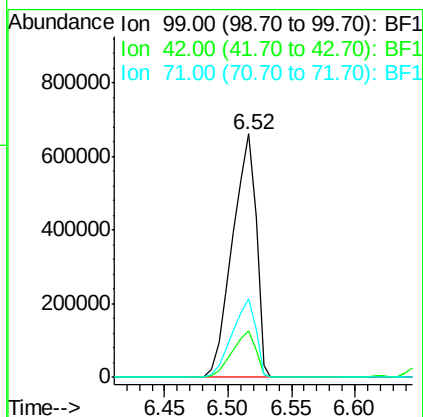
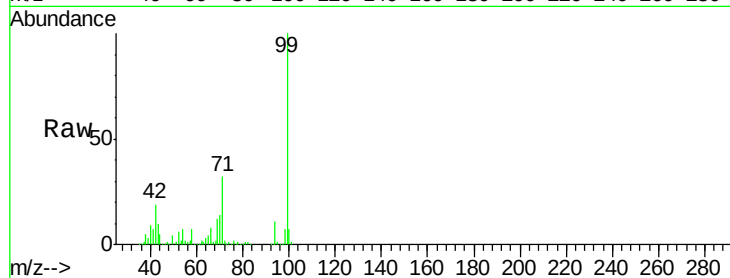
Tgt Ion: 99 Resp: 850849

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.3 25.4 38.0



#8

2-Chlorophenol

Concen: 43.89 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

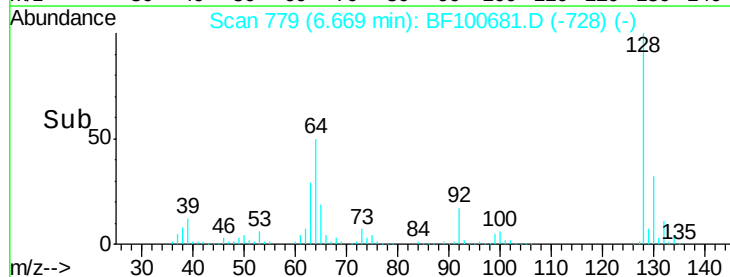
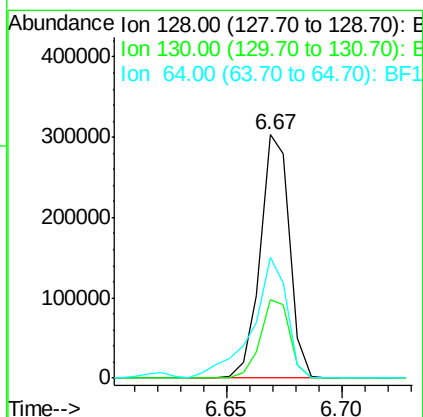
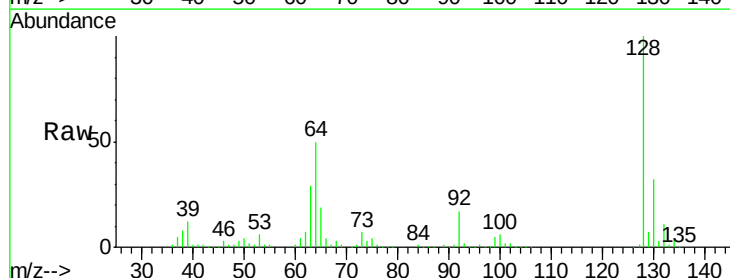
Tgt Ion: 128 Resp: 268167

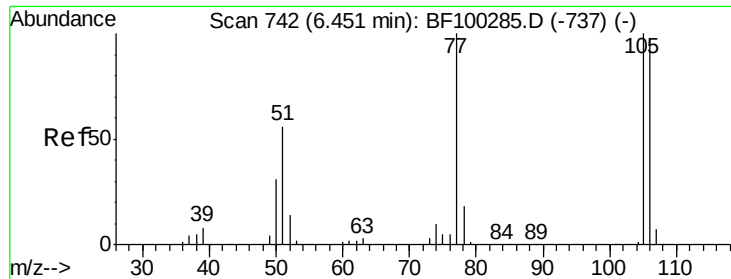
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 49.8 29.4 69.4





#9

Benzaldehyde

Concen: 19.54 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100681.D

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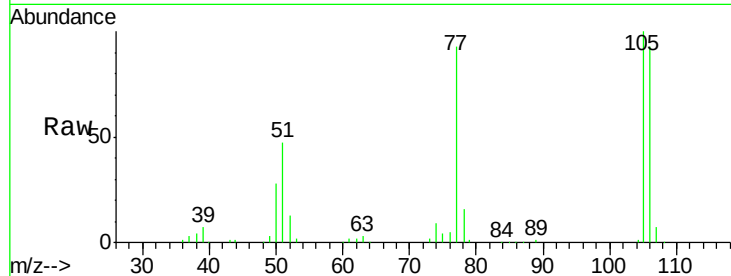
Tgt Ion: 77 Resp: 99378

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

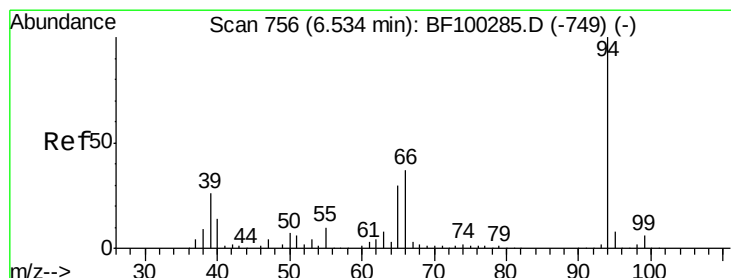
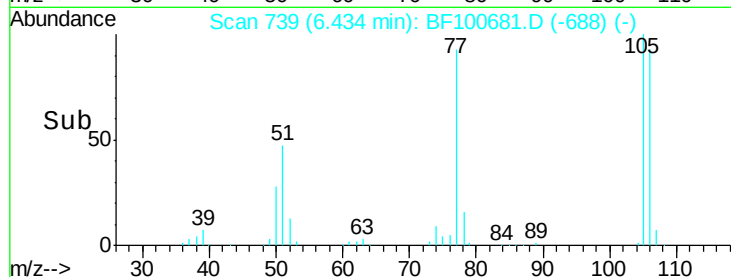
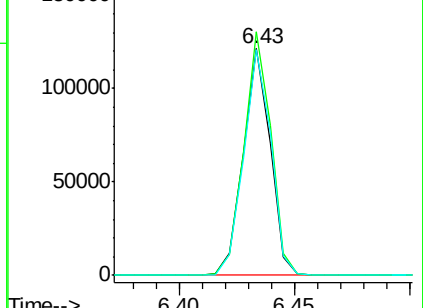
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.63 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

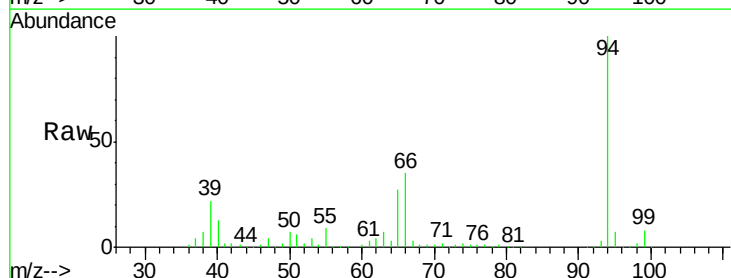
Tgt Ion: 94 Resp: 318715

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

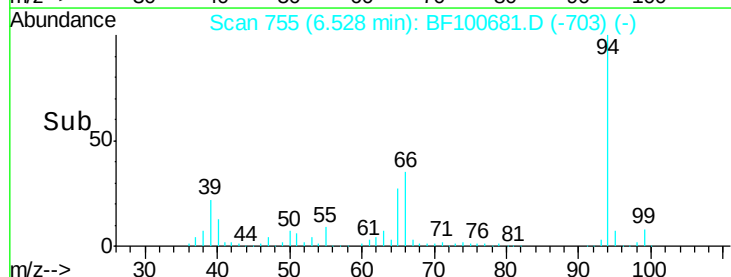
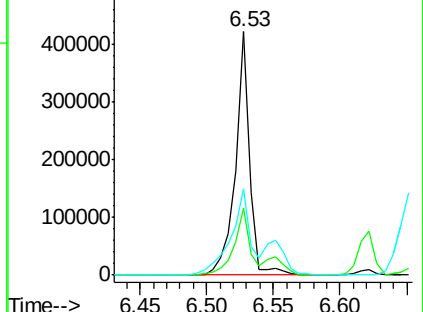
66 35.4 16.2 56.2

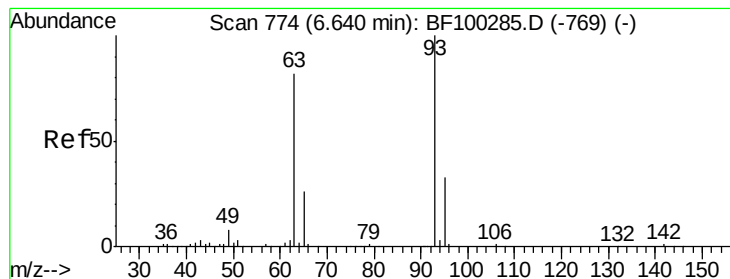


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.50 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

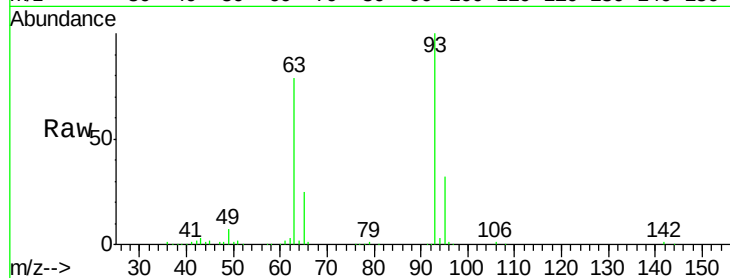
Tgt Ion: 93 Resp: 241797

Ion Ratio Lower Upper

93 100

63 79.2 58.6 98.6

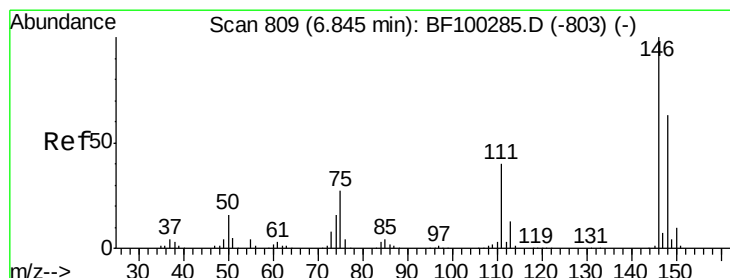
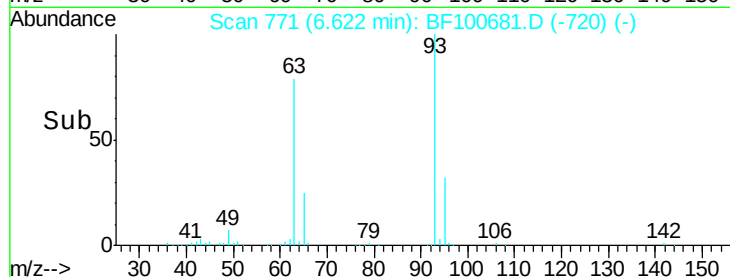
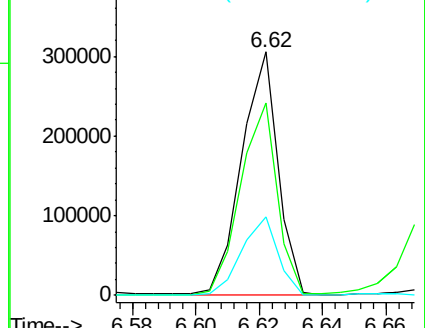
95 32.3 11.8 51.8



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: 42.91 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.08 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

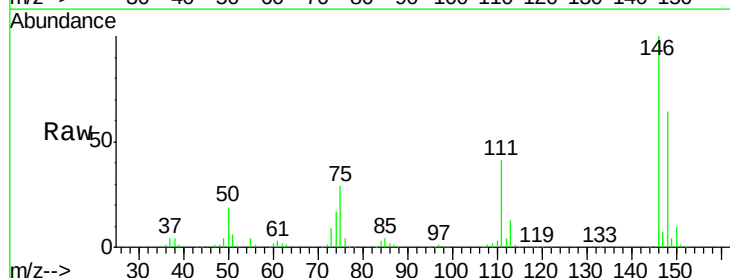
Tgt Ion: 146 Resp: 302305

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

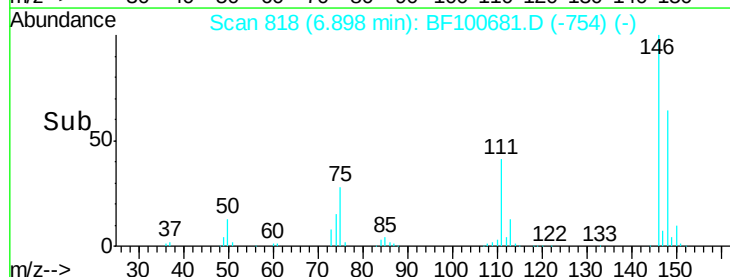
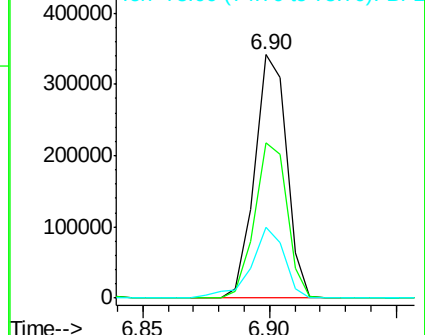
75 29.2 24.2 36.4

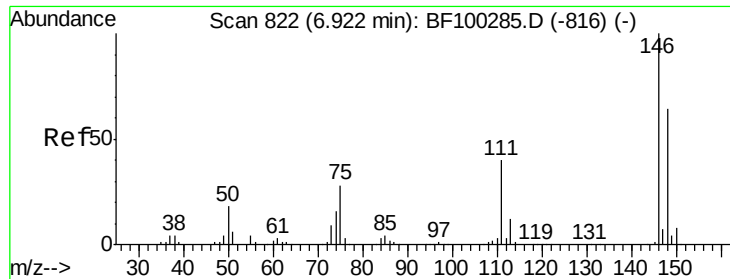


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

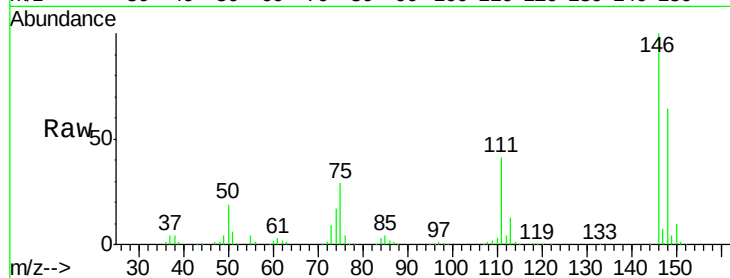




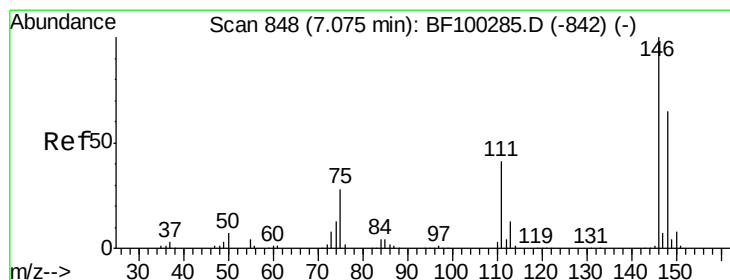
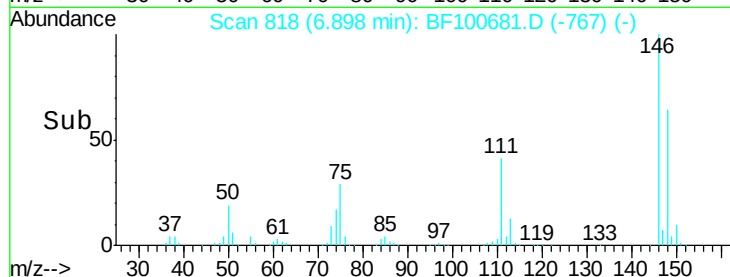
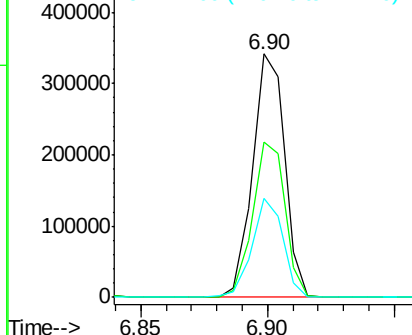
#13
 1,4-Dichlorobenzene
 Concen: 42.40 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tgt Ion:146 Resp: 302305
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.7 34.2 51.2

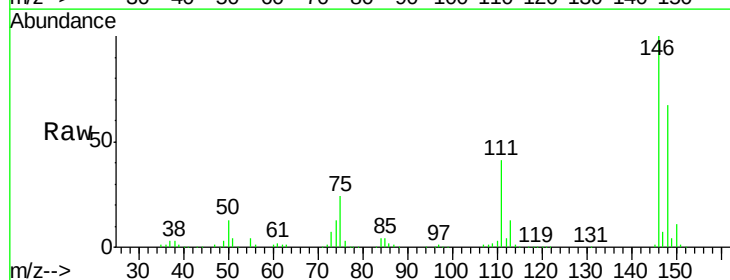


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

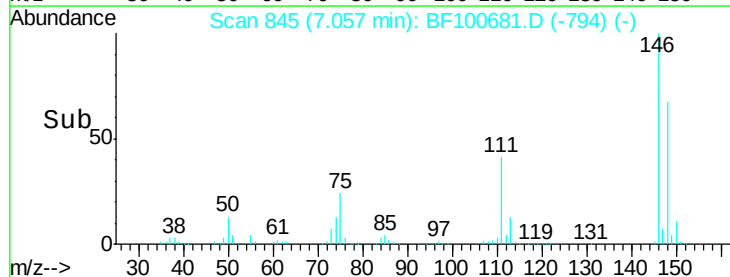
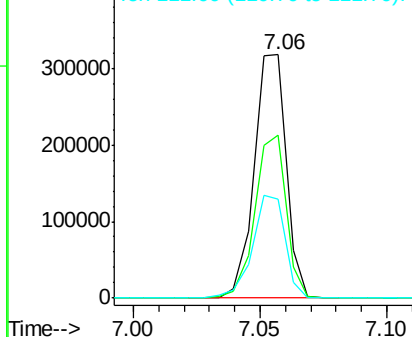


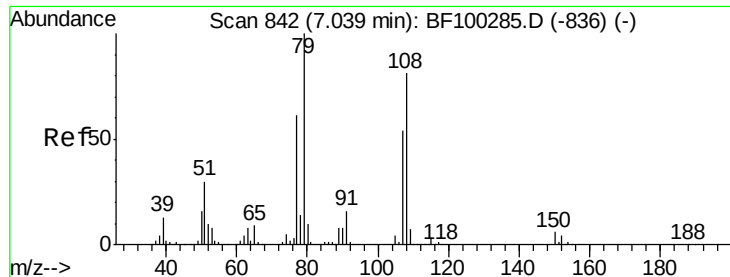
#14
 1,2-Dichlorobenzene
 Concen: 42.87 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:146 Resp: 282600
 Ion Ratio Lower Upper
 146 100
 148 66.8 50.6 75.8
 111 40.8 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 41.82 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

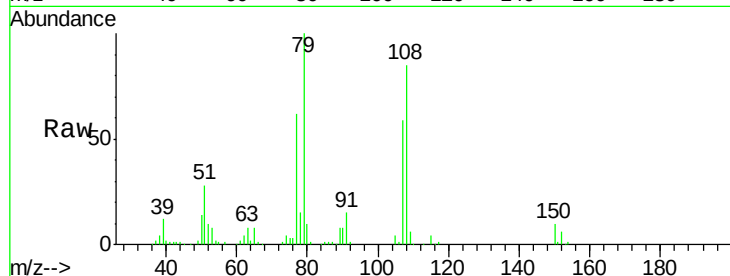
Tgt Ion: 79 Resp: 232479

Ion Ratio Lower Upper

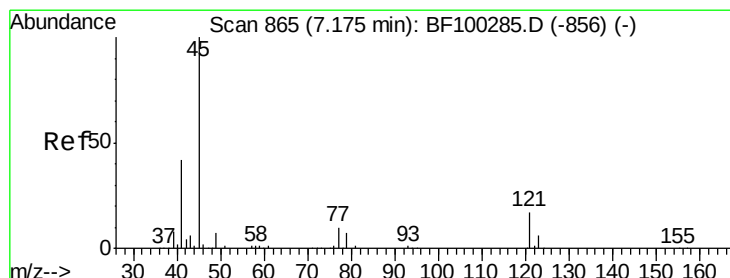
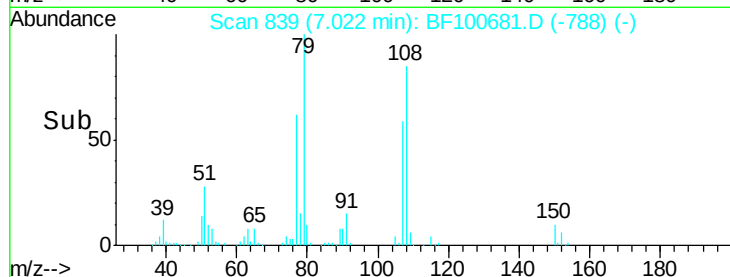
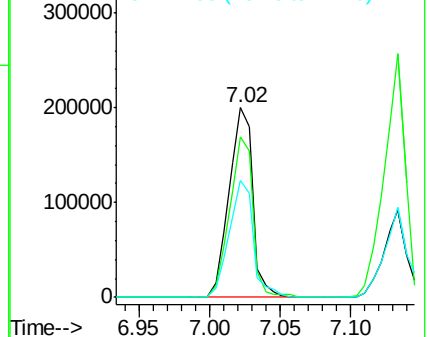
79 100

108 84.6 65.1 97.7

77 62.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.41 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

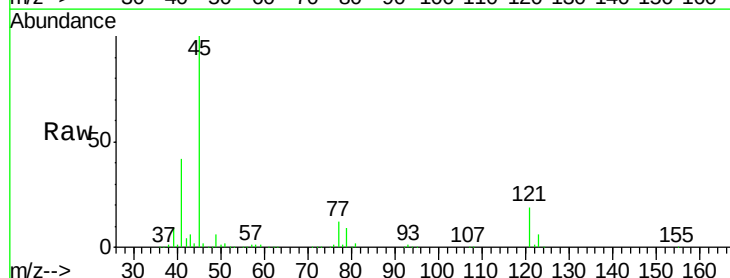
Tgt Ion: 45 Resp: 436054

Ion Ratio Lower Upper

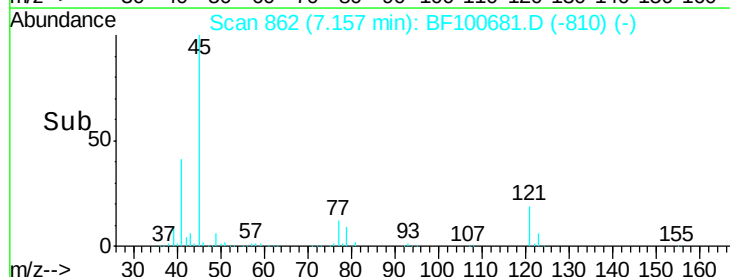
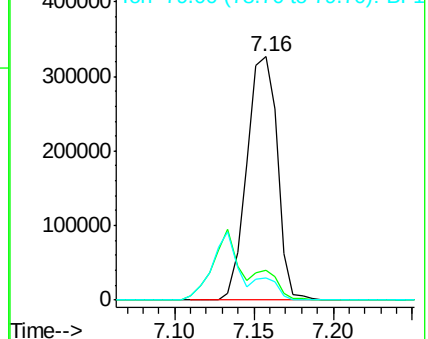
45 100

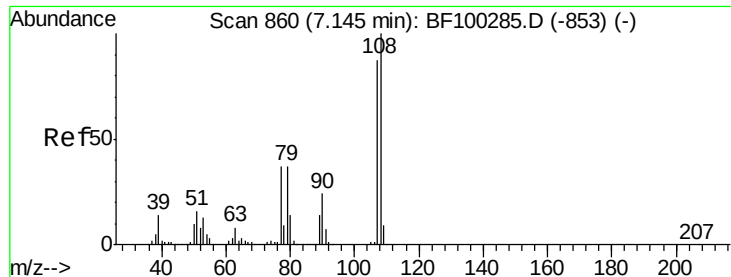
77 12.2 0.0 32.9

79 9.4 0.0 29.6



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

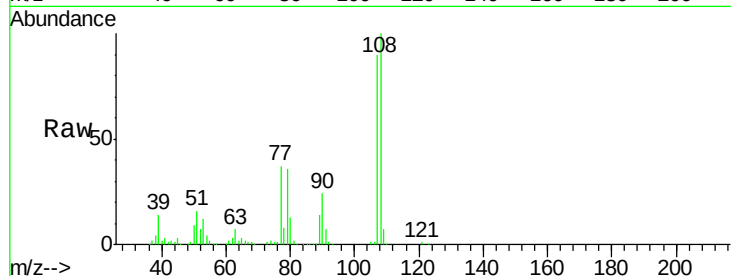




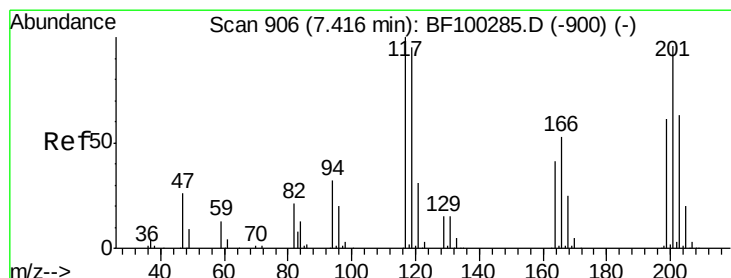
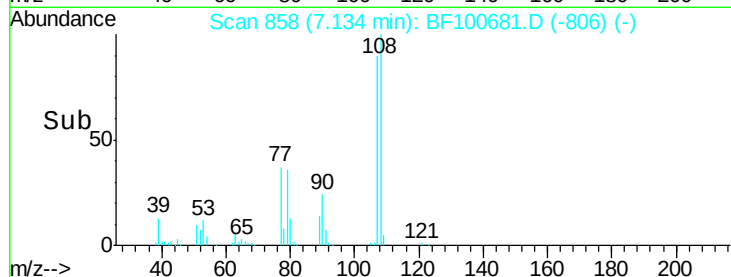
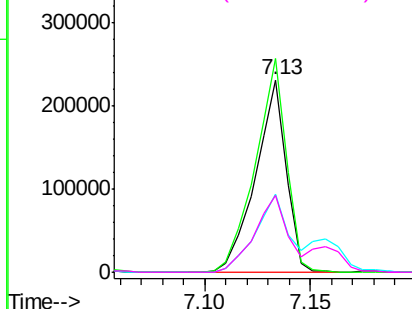
#17
2-Methylphenol
Concen: 44.84 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tgt Ion:	107	Resp:	234103
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	40.8	33.8	50.8
79	39.9	33.8	50.8

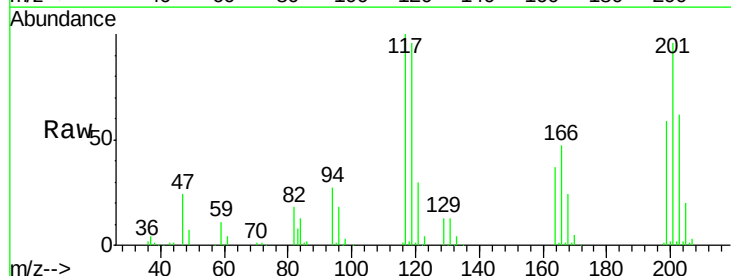


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

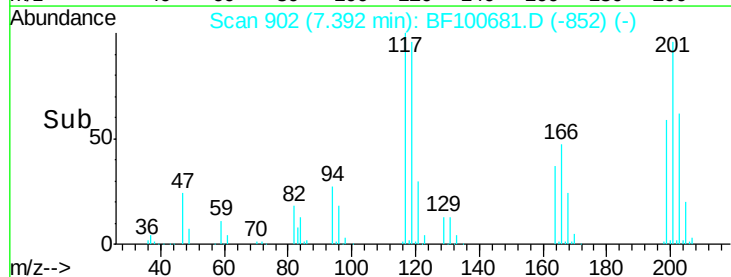
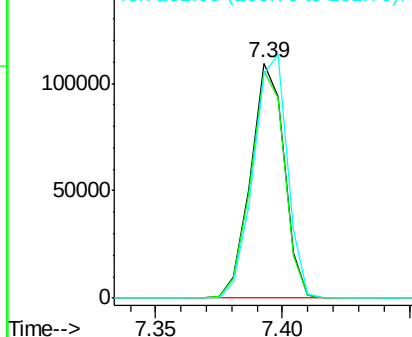


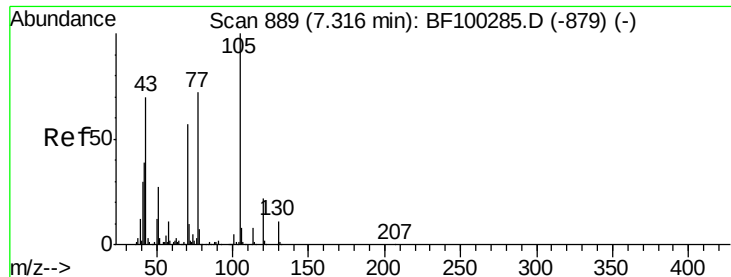
#18
Hexachloroethane
Concen: 42.96 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:	117	Resp:	100994
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	95.6	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

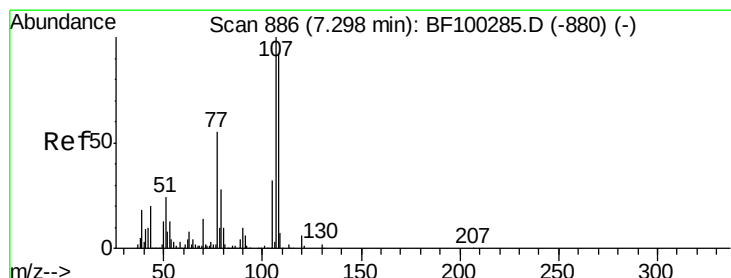
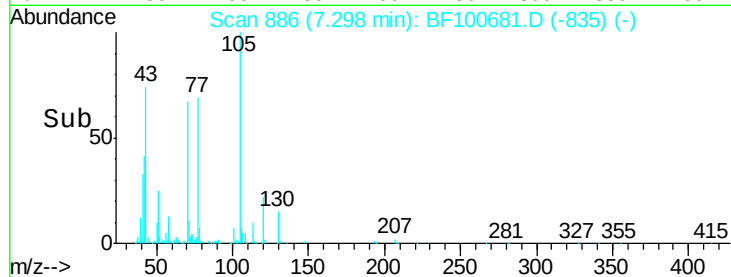
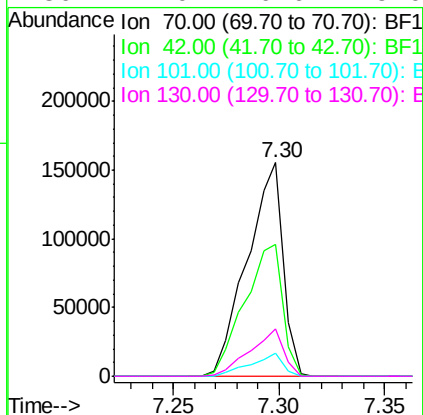
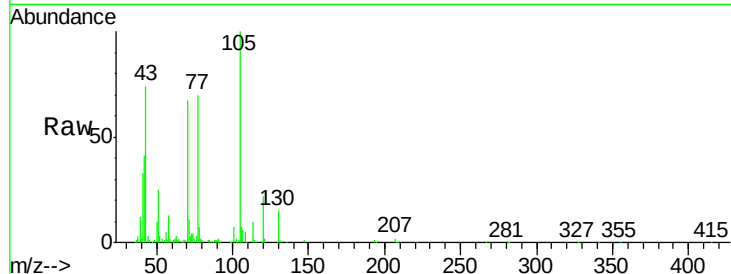




#19
n-Nitroso-di-n-propylamine
Concen: 37.21 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

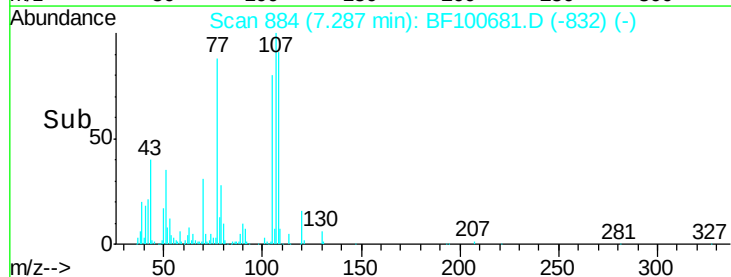
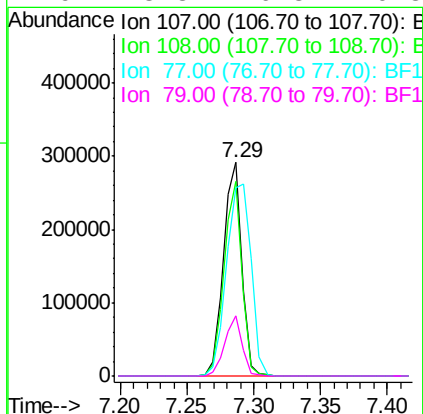
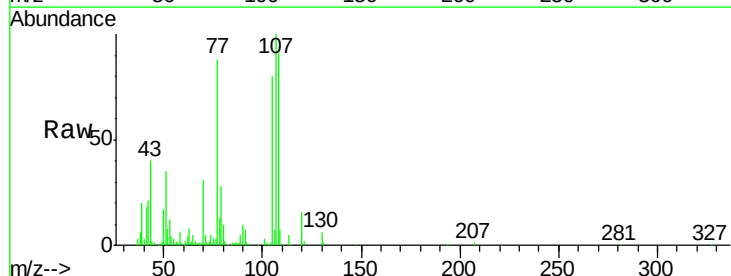
Instrument :
BNA_F
ClientSampleId :
PB104282BS

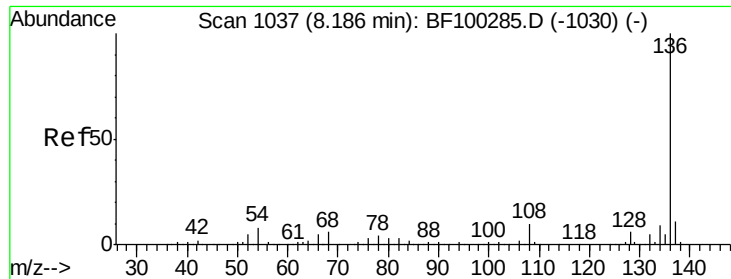
Tgt Ion:	70	Resp:	183807
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.5	71.3
101	10.6	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.07 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:	107	Resp:	284584
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	88.0	26.7	66.7#
79	28.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

Tgt Ion:136 Resp: 365116

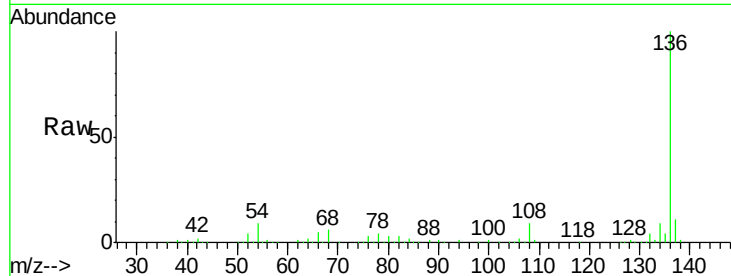
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 5.8 5.0 7.4

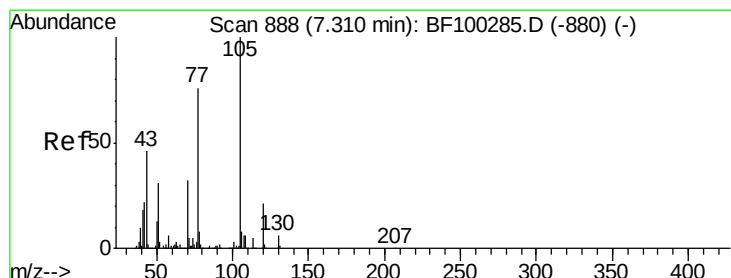
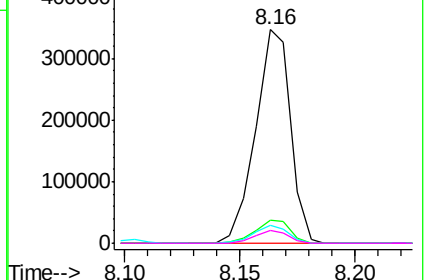
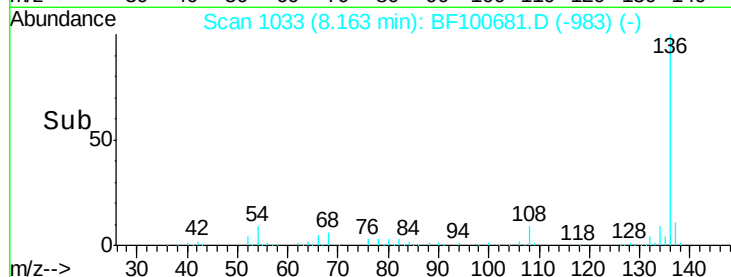


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.80 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:105 Resp: 363277

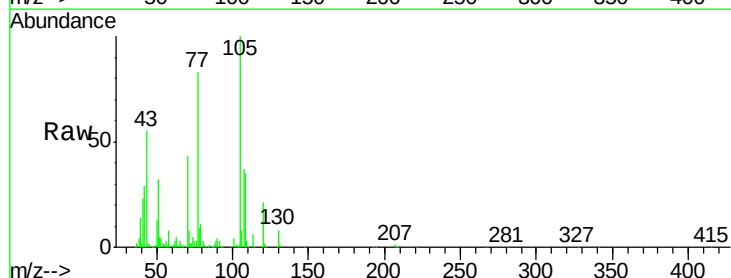
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 32.0 22.3 33.5

120 21.0 16.9 25.3

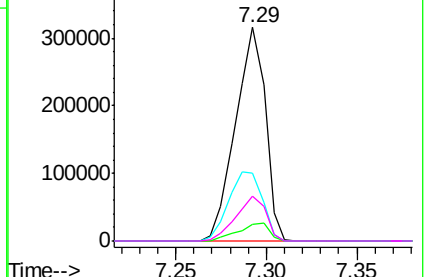
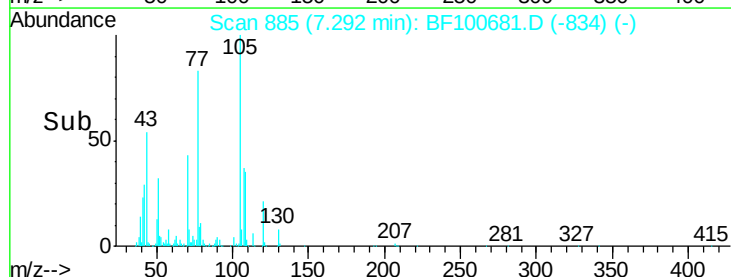


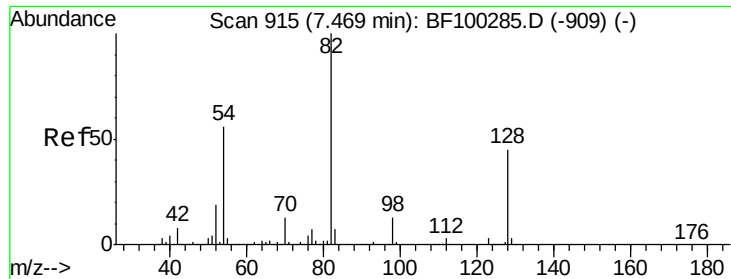
Abundance Ion 105.00 (104.70 to 105.70): E

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

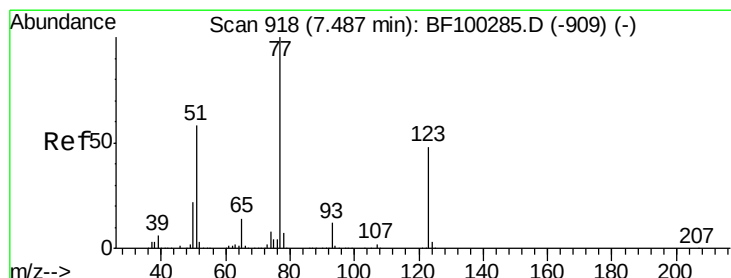
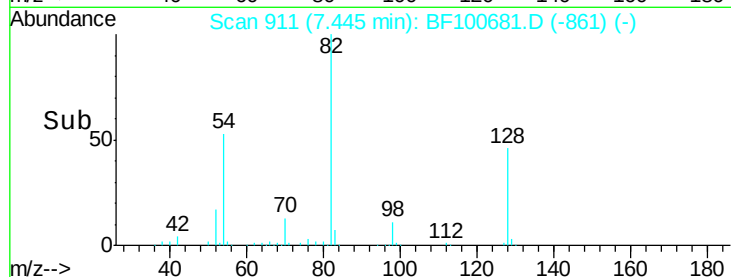
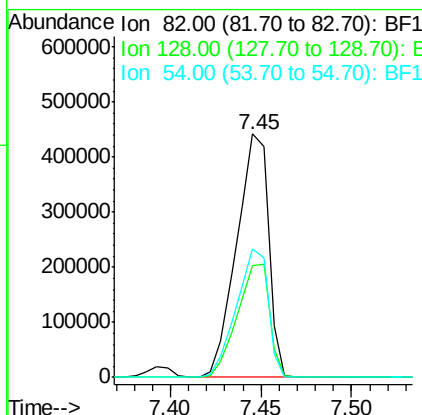
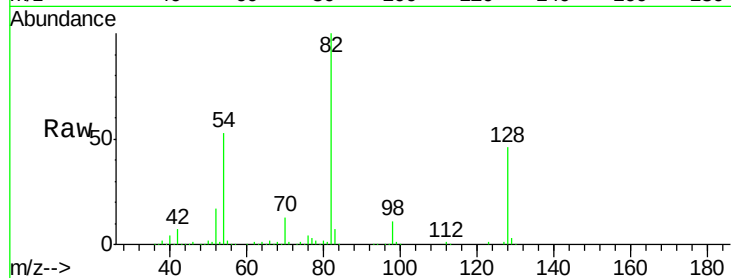




#23
 Nitrobenzene-d5
 Concen: 98.12 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

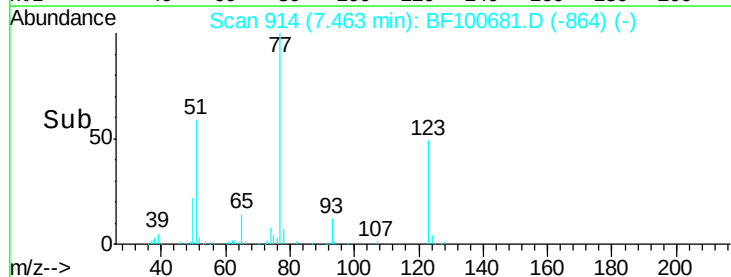
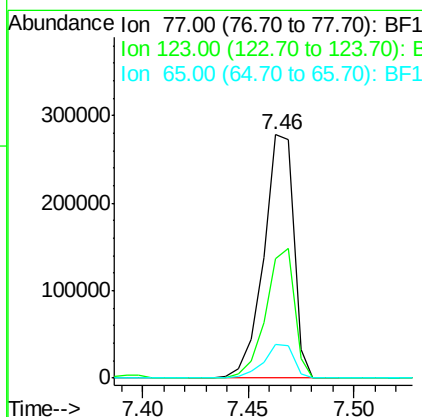
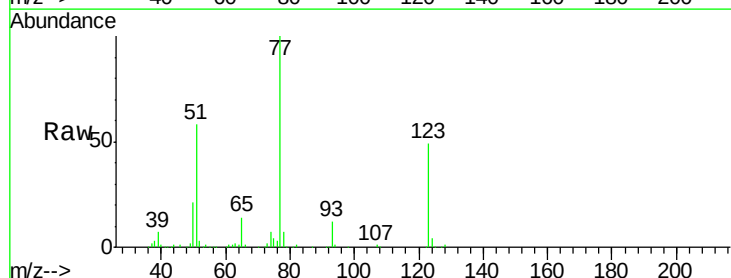
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

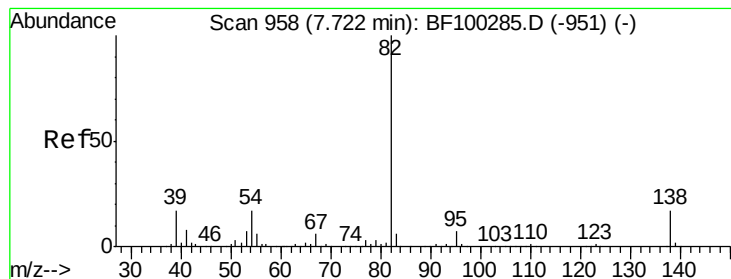
Tgt Ion	Resp	Lower	Upper
82	541887		
128	46.1	36.1	54.1
54	52.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 48.48 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Resp	Lower	Upper
77	275550		
123	49.1	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 44.08 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

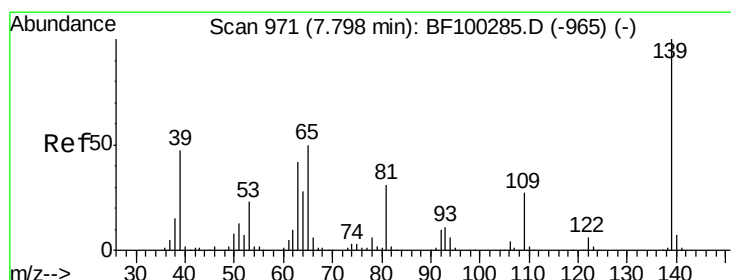
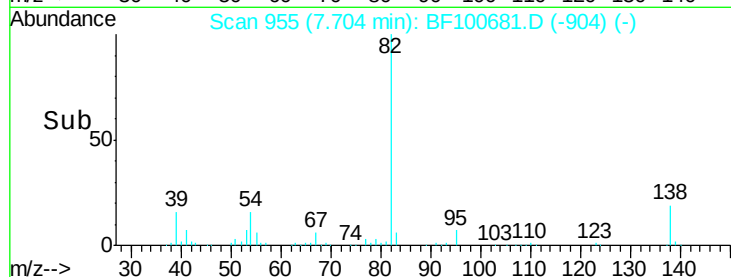
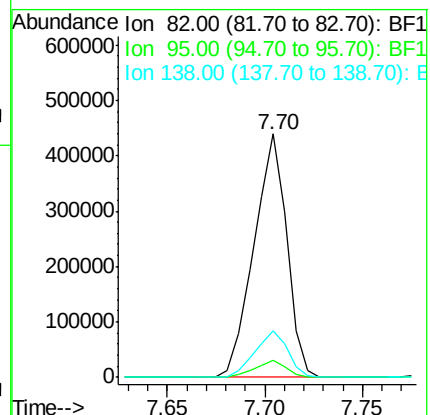
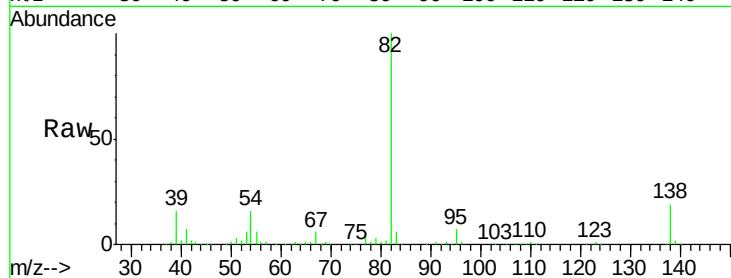
Tgt Ion: 82 Resp: 511542

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 56.55 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

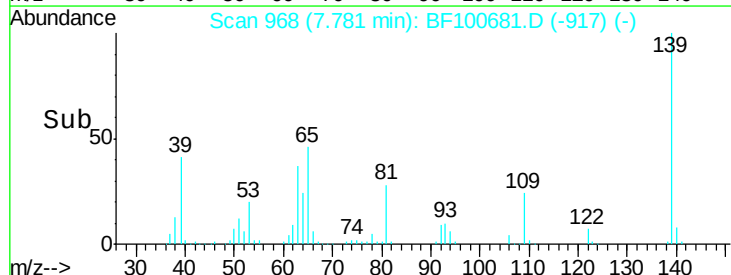
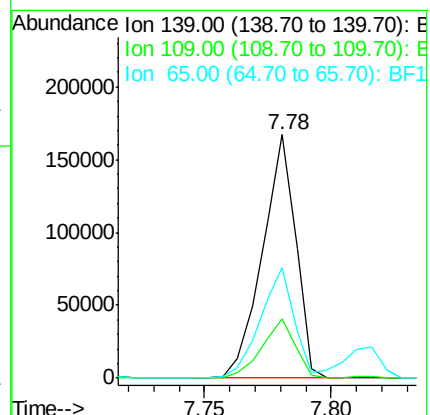
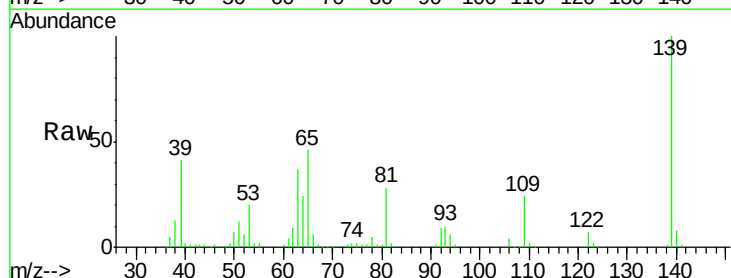
Tgt Ion: 139 Resp: 153593

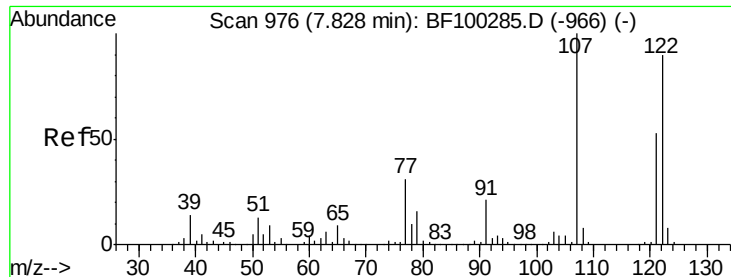
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 45.6 40.5 60.7

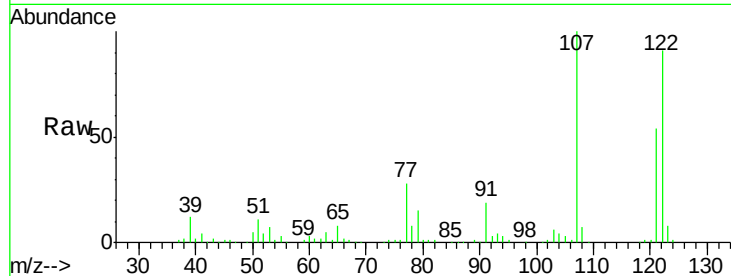




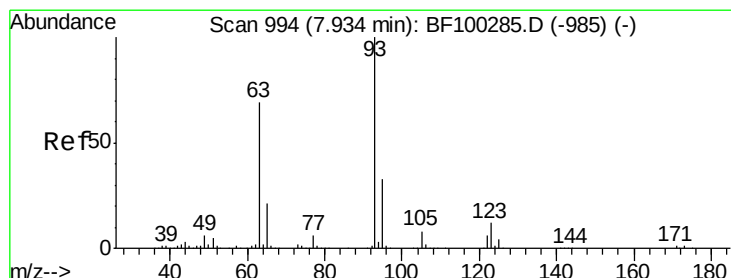
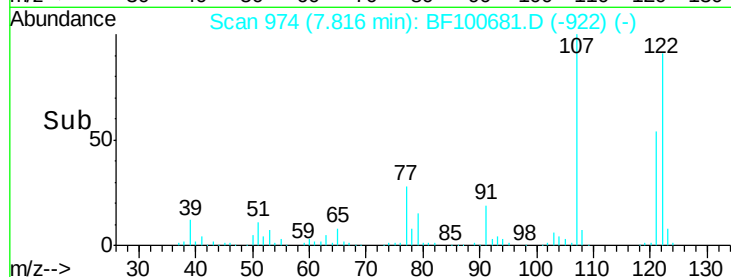
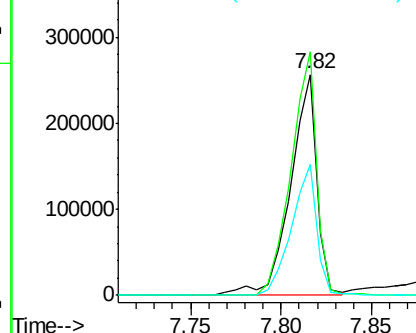
#27
2,4-Dimethylphenol
Concen: 50.58 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tgt Ion:122 Resp: 263154
Ion Ratio Lower Upper
122 100
107 110.3 91.2 136.8
121 59.6 47.2 70.8

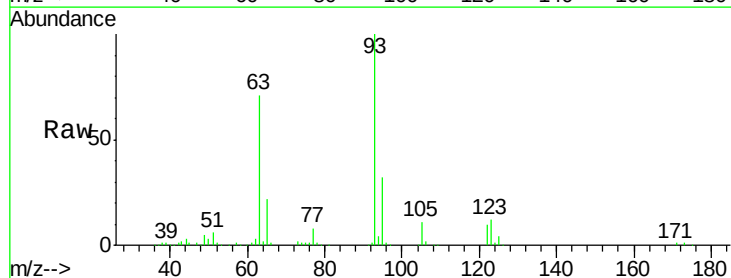


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

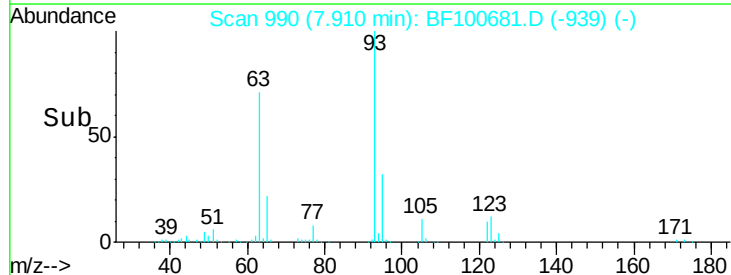
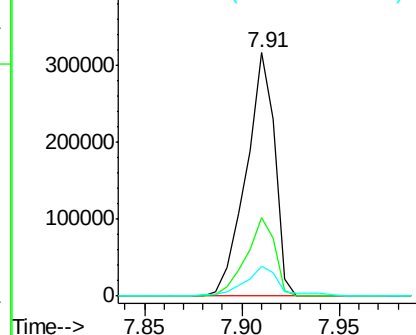


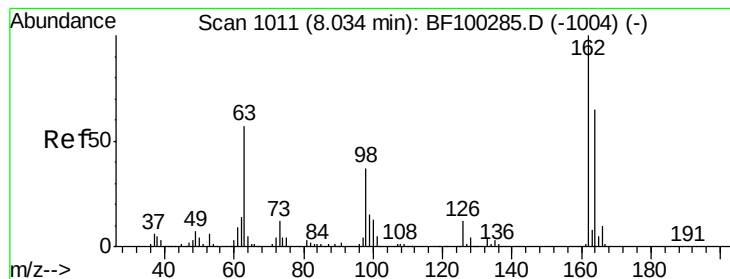
#28
bis(2-Chloroethoxy)methane
Concen: 42.35 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion: 93 Resp: 321503
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 12.4 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: 49.93 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

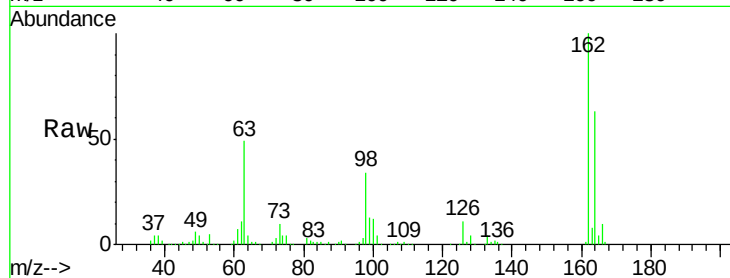
Tgt Ion:162 Resp: 247970

Ion Ratio Lower Upper

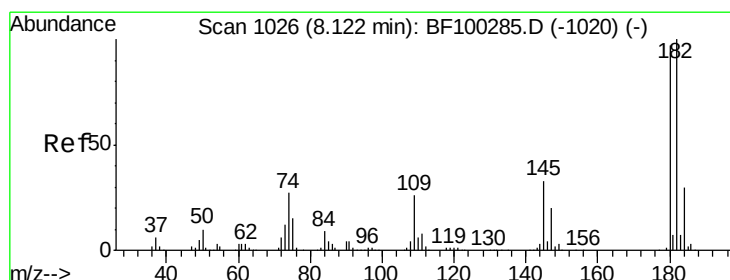
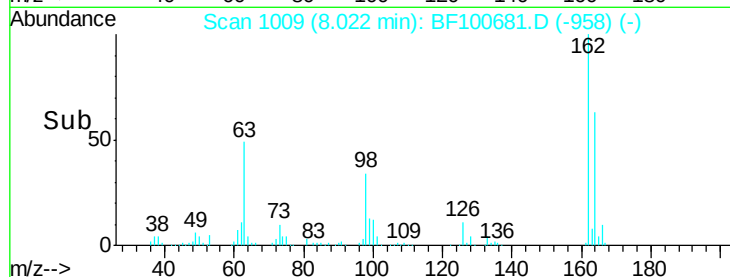
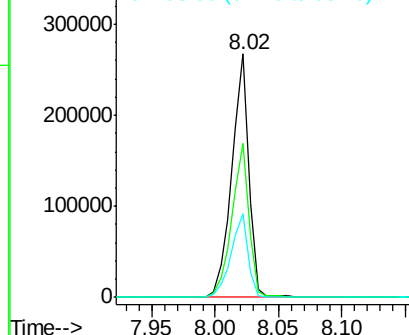
162 100

164 63.4 42.7 82.7

98 34.5 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: 45.91 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

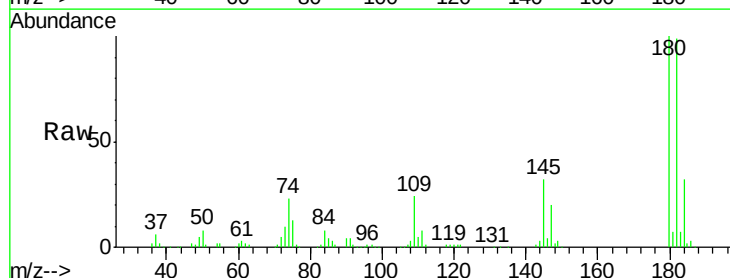
Tgt Ion:180 Resp: 246643

Ion Ratio Lower Upper

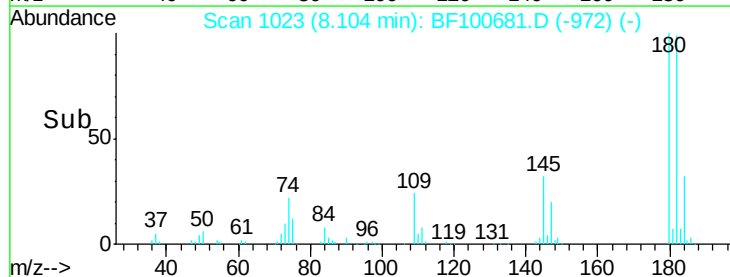
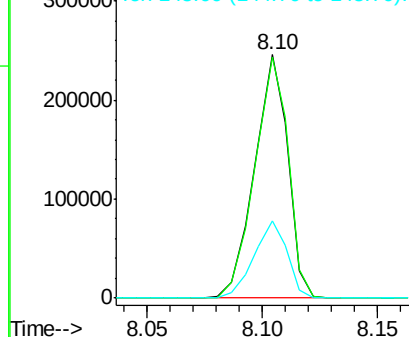
180 100

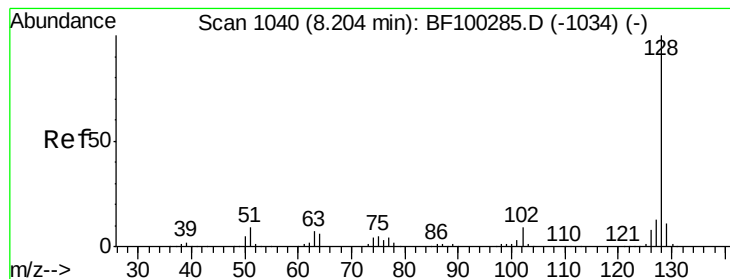
182 99.1 76.8 115.2

145 31.8 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: 44.65 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

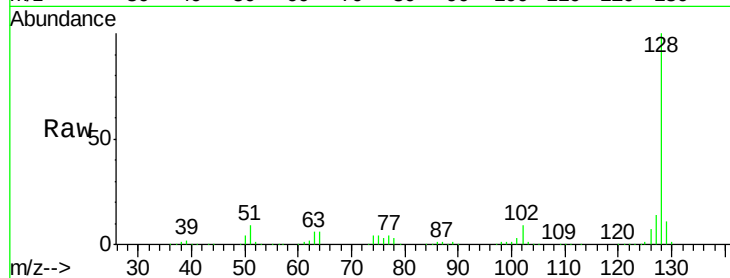
Tgt Ion:128 Resp: 785192

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

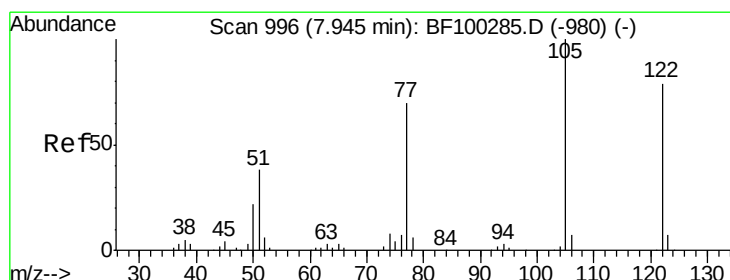
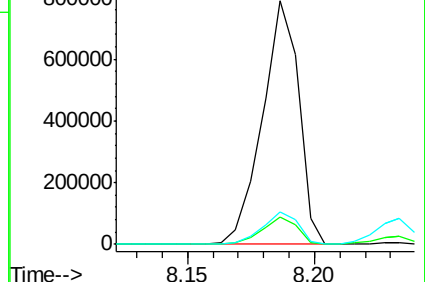
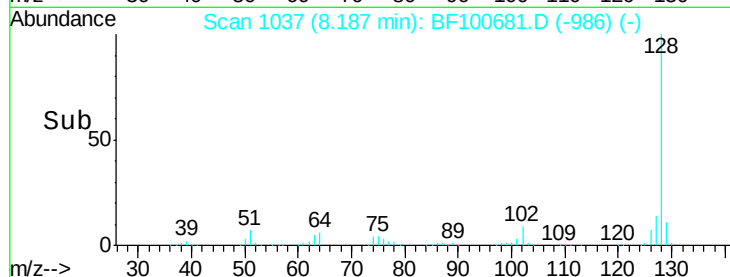
127 13.6 10.9 16.3



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: 42.49 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

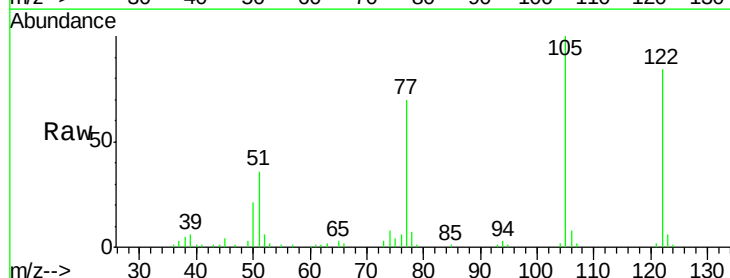
Tgt Ion:122 Resp: 163951

Ion Ratio Lower Upper

122 100

105 118.9 101.1 141.1

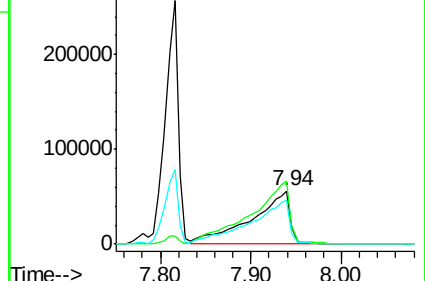
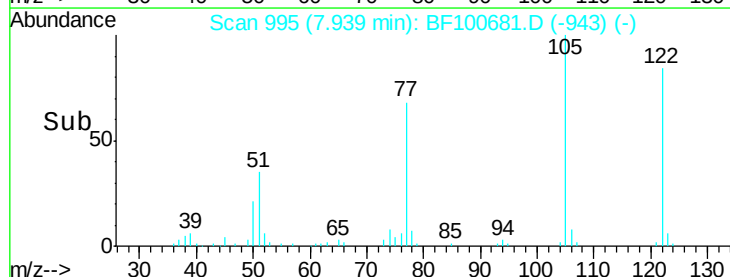
77 83.0 70.7 110.7

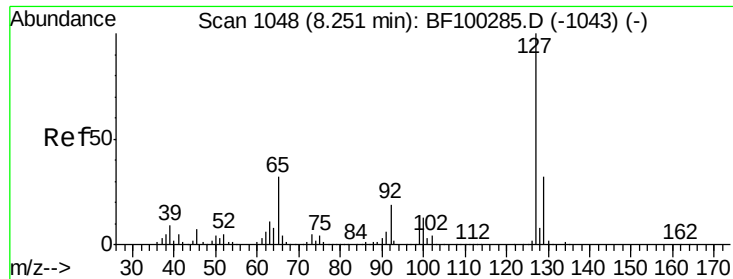


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

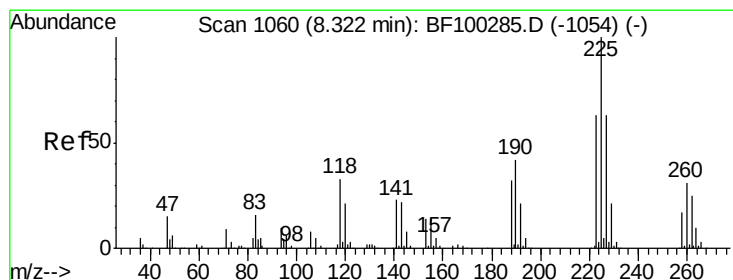
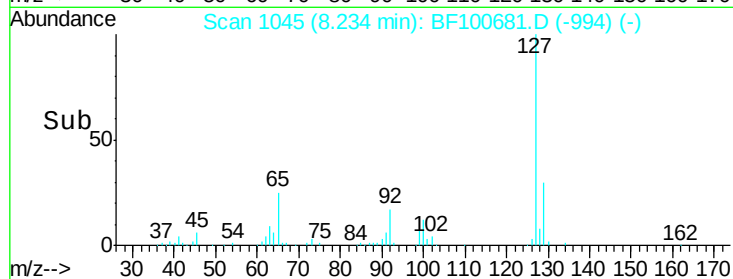
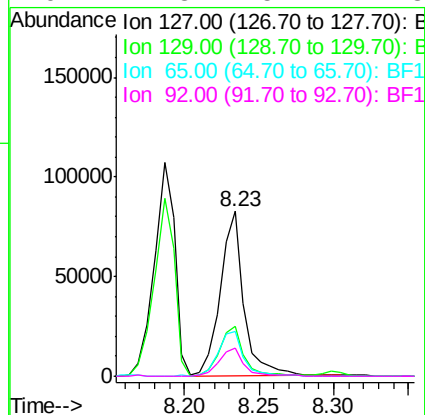
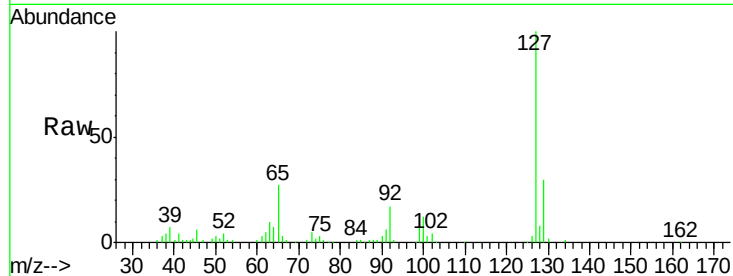




#33
4-Chloroaniline
Concen: 12.49 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

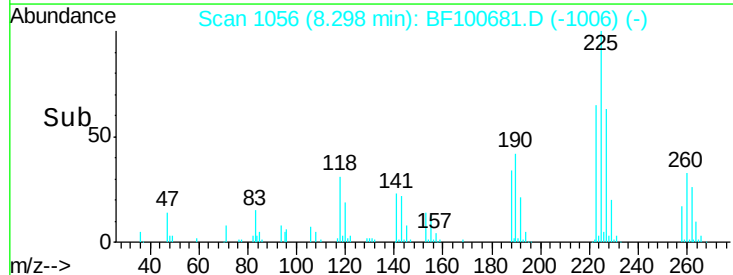
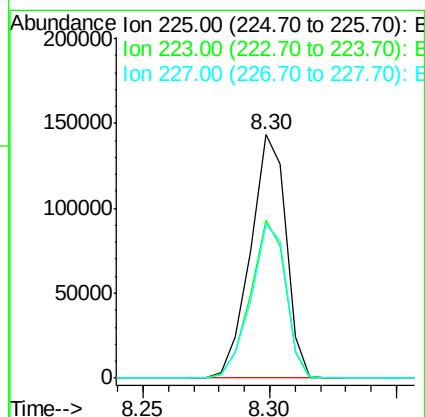
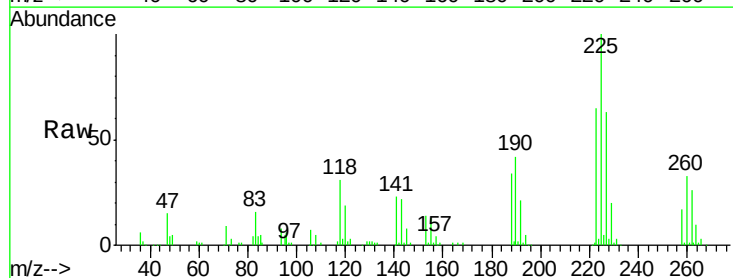
Instrument :
BNA_F
ClientSampleId :
PB104282BS

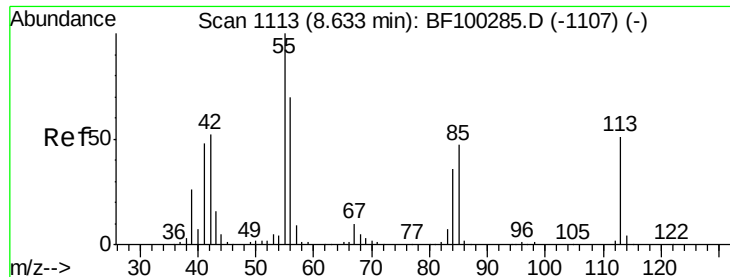
Tgt Ion:	127	Resp:	91456
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	27.0	25.0	37.4
92	17.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.98 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:	225	Resp:	140481
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	63.3	51.9	77.9

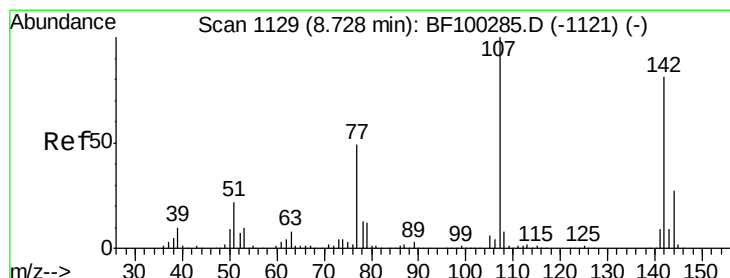
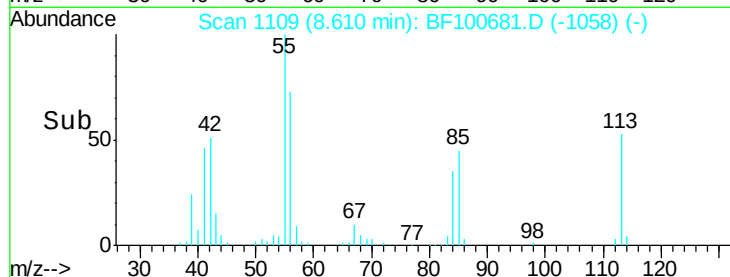
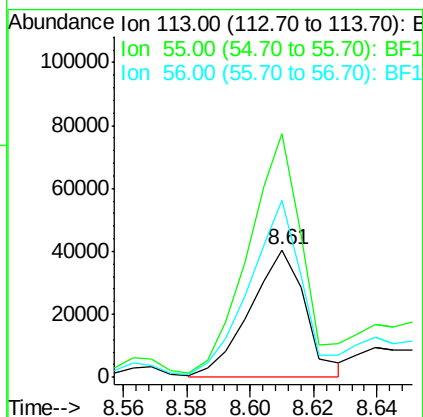
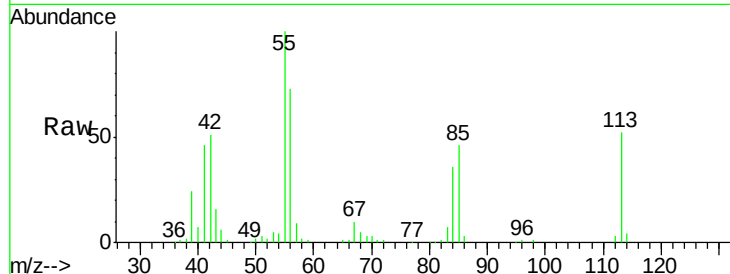




#35
 Caprolactam
 Concen: 28.99 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

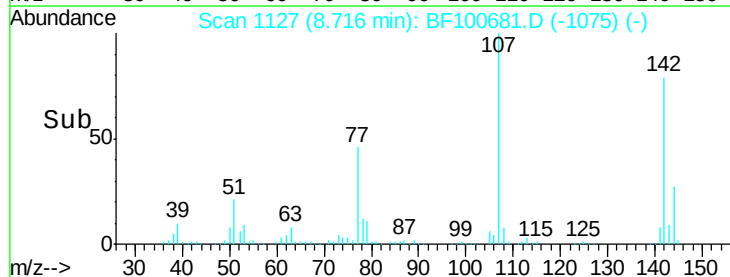
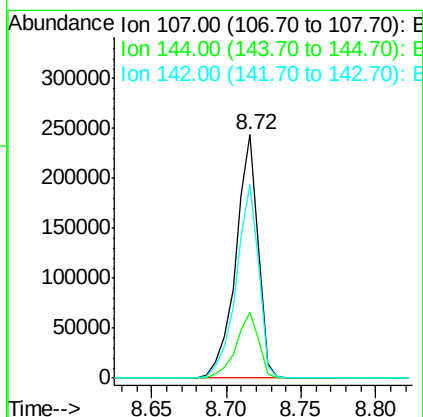
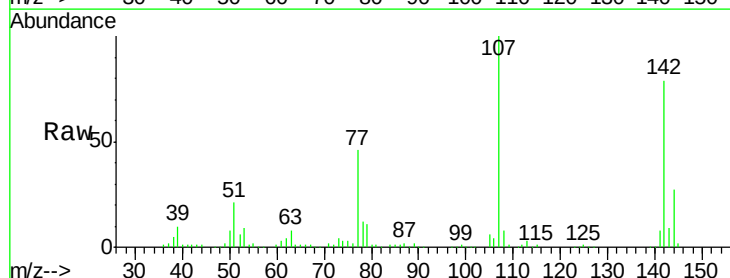
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

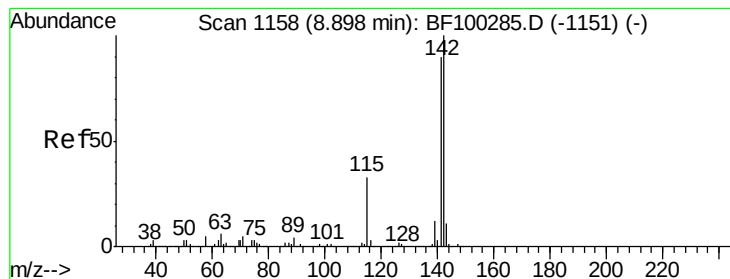
Tgt Ion:113 Resp: 49402
 Ion Ratio Lower Upper
 113 100
 55 190.7 163.3 203.3
 56 138.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.59 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:107 Resp: 253857
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 79.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.26 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

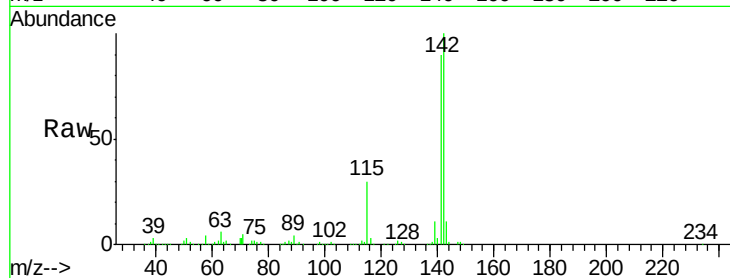
Tgt Ion:142 Resp: 540095

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

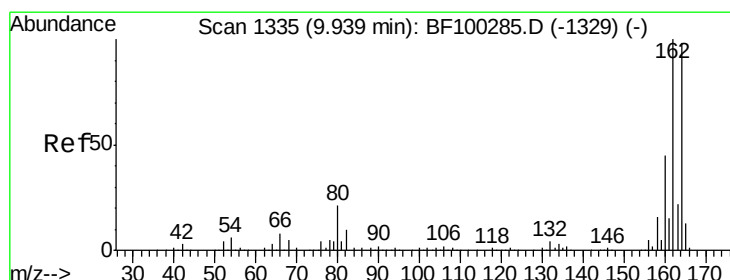
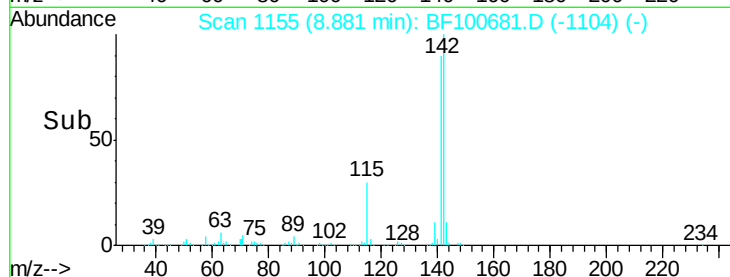
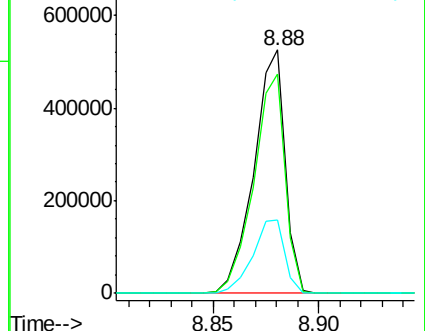
115 30.1 26.1 39.1



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# 1332

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

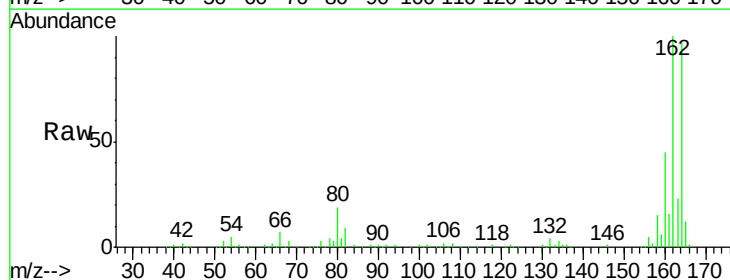
Tgt Ion:164 Resp: 175064

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

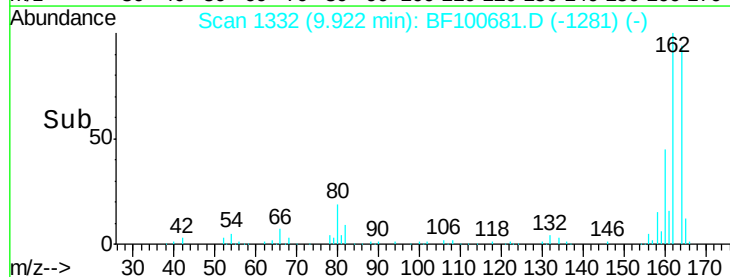
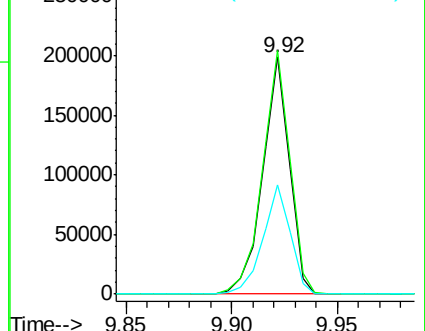
160 46.1 38.3 57.5

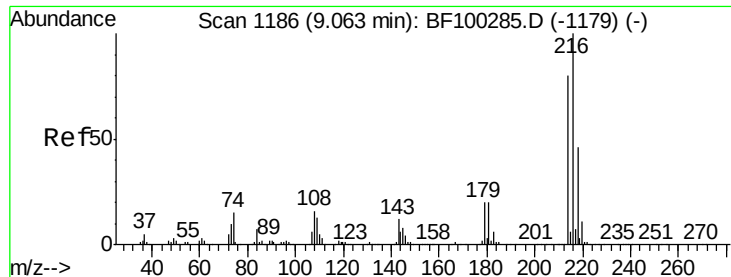


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.82 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

Tgt Ion:216 Resp: 248627

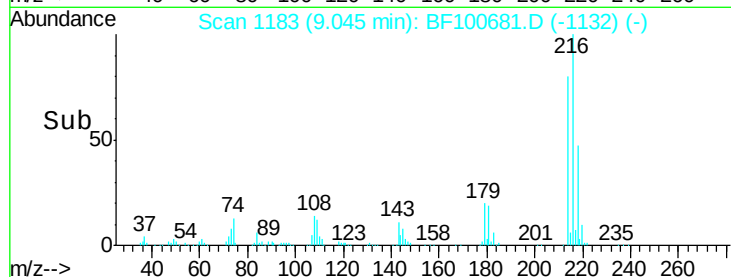
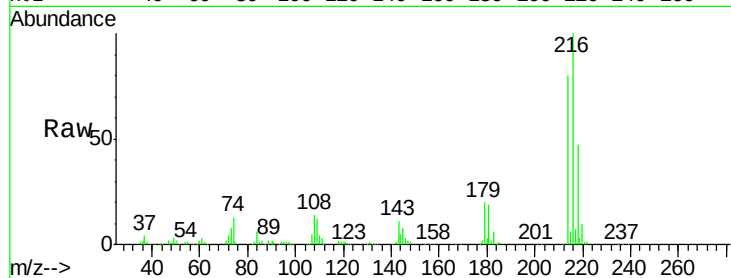
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.3 18.1 27.1

108 18.4 17.2 25.8

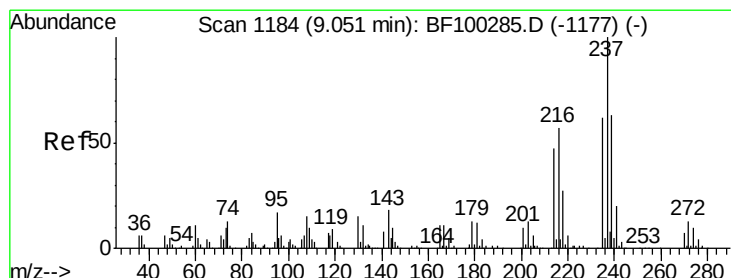
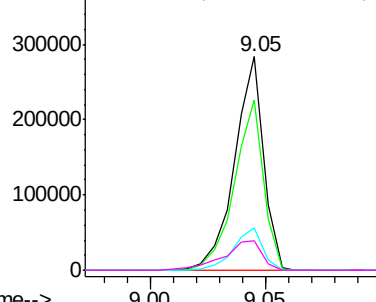


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 104.89 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

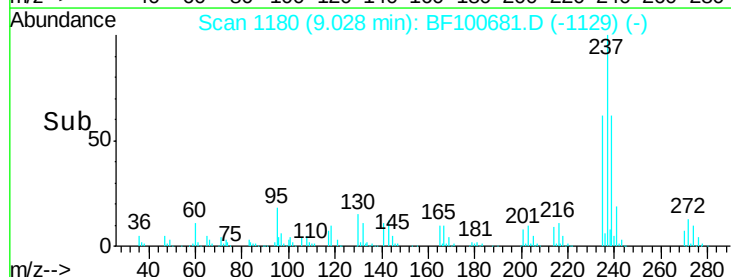
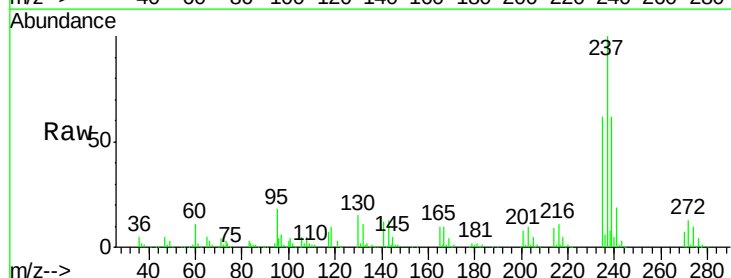
Tgt Ion:237 Resp: 286618

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

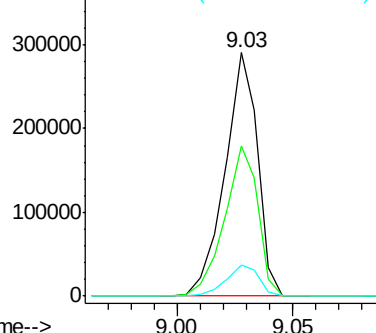
272 12.7 0.0 33.3

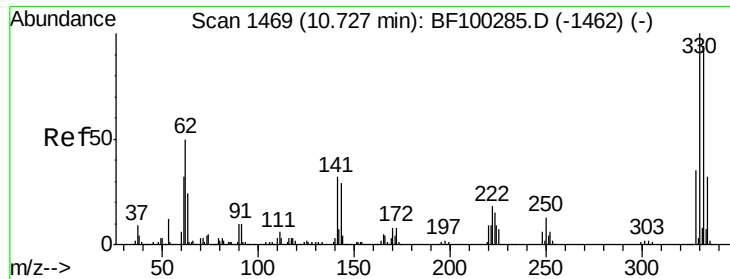


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

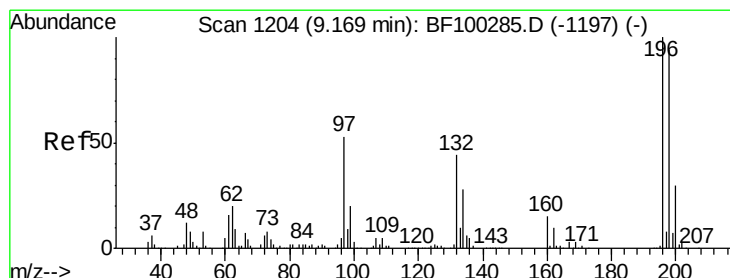
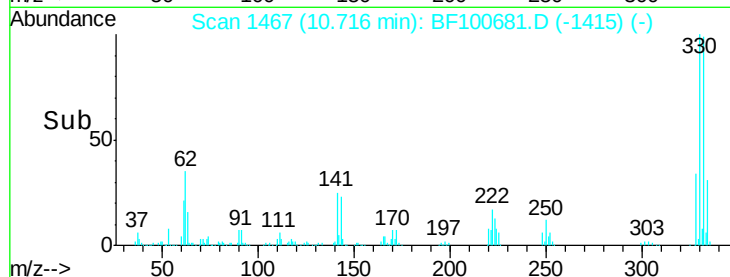
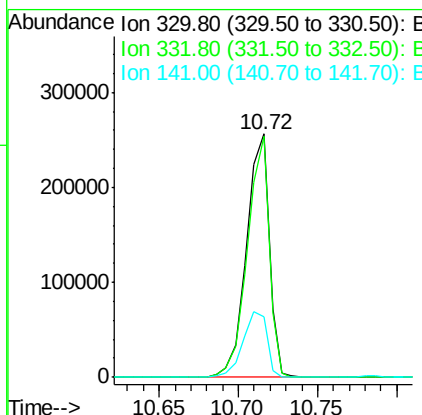
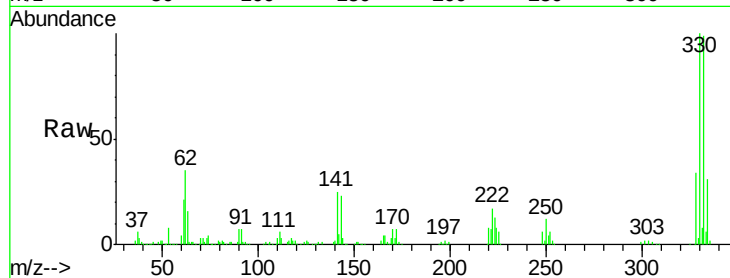




#41
 2,4,6-Tribromophenol
 Concen: 143.55 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

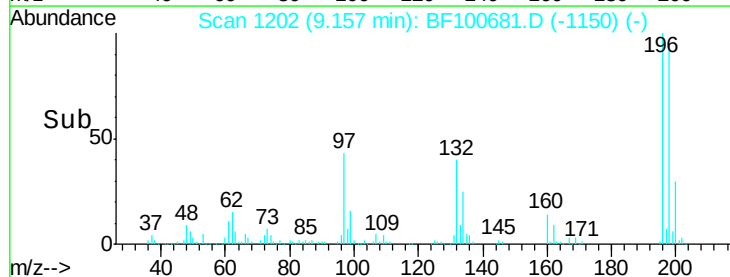
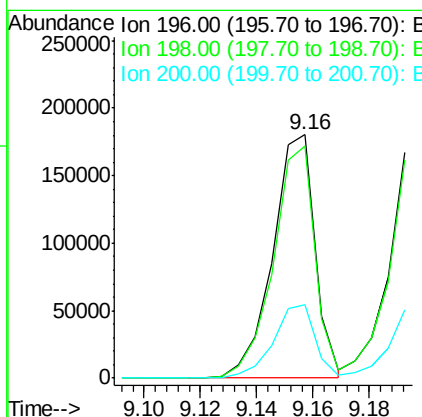
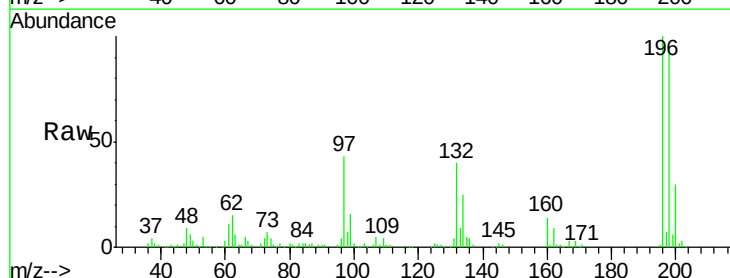
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

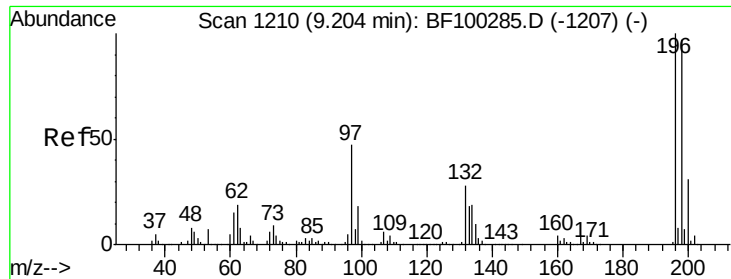
Tgt Ion:330 Resp: 256084
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 28.5 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 50.89 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:196 Resp: 187267
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.4 24.5 36.7

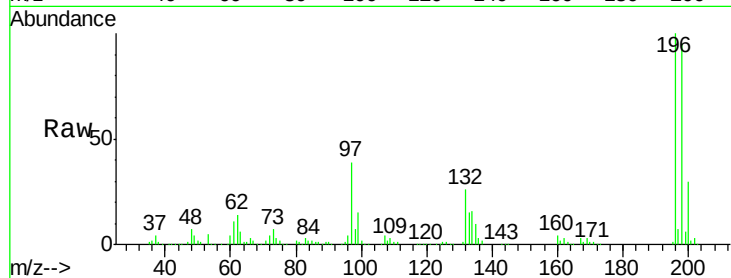




#43
 2,4,5-Trichlorophenol
 Concen: 51.12 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.6	112.0
97	38.9	42.9	64.3
132	26.4	26.3	39.5



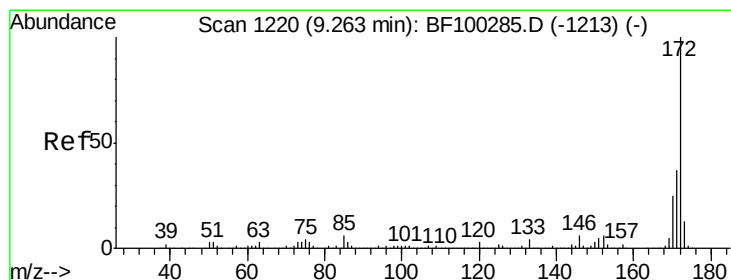
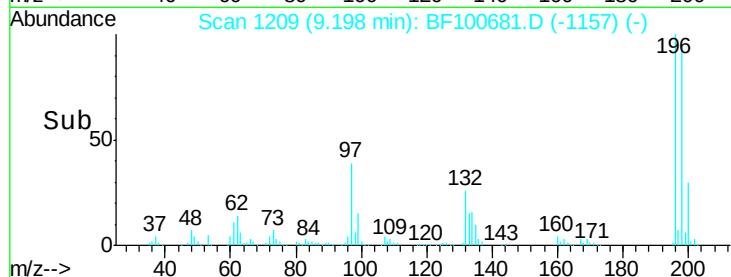
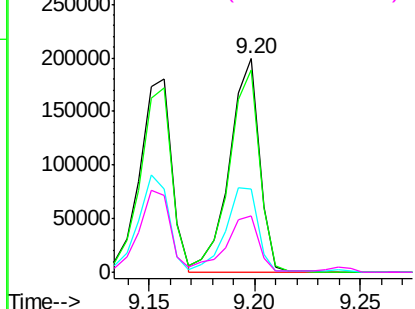
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

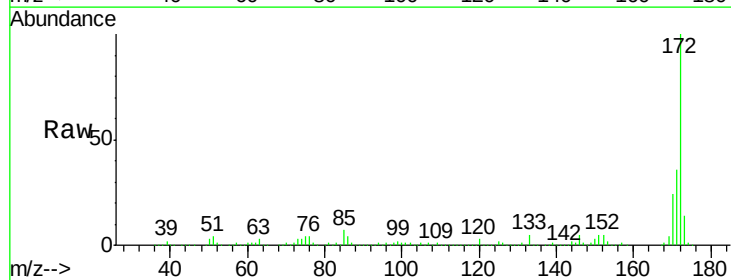
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.85 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

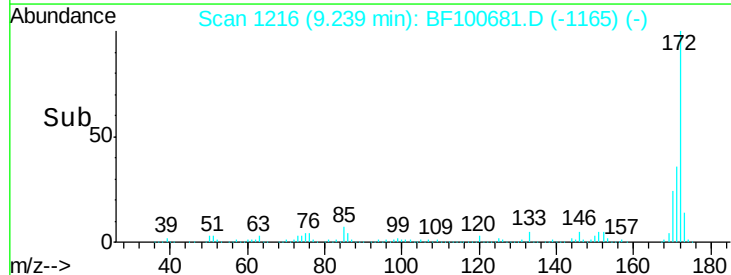
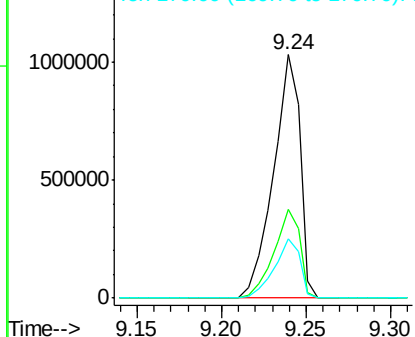


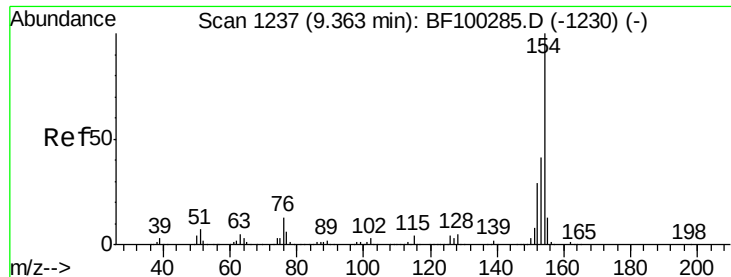
Abundance

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: 43.76 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

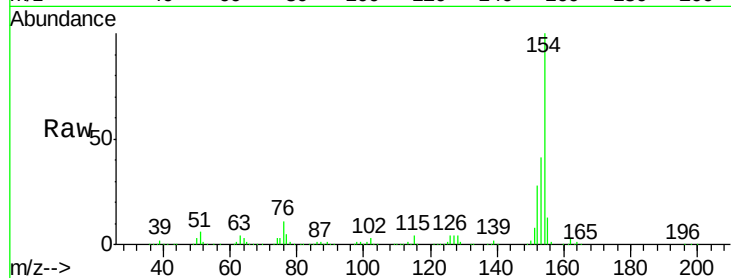
Tgt Ion:154 Resp: 662546

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

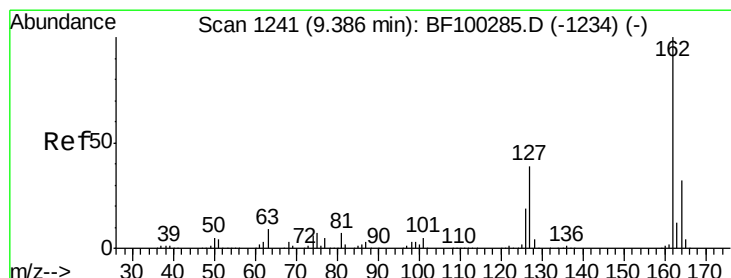
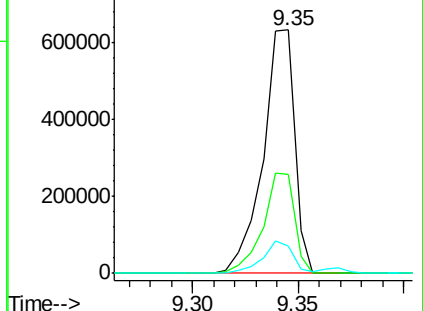
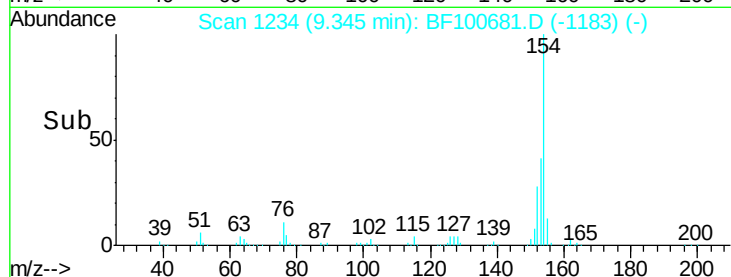
76 11.3 0.0 34.0



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: 47.44 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

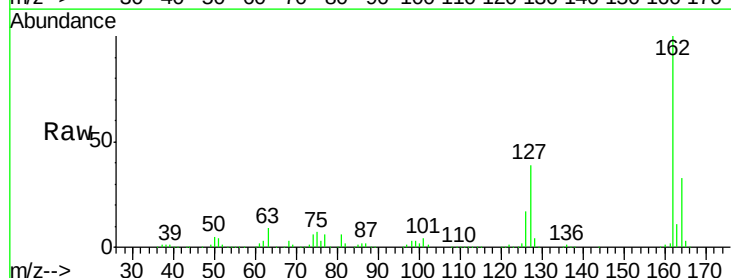
Tgt Ion:162 Resp: 521122

Ion Ratio Lower Upper

162 100

127 38.5 33.9 50.9

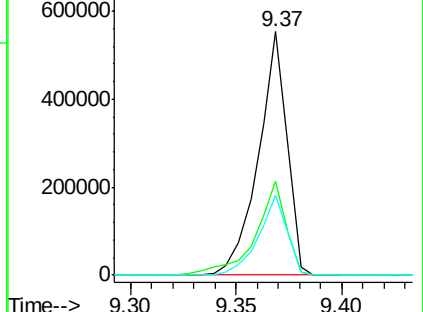
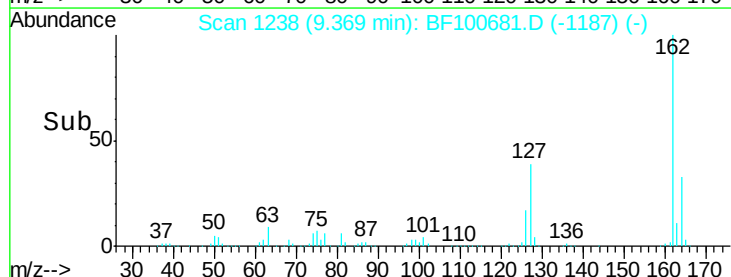
164 32.6 26.5 39.7

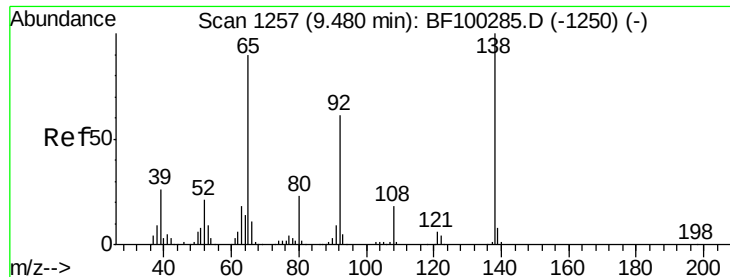


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

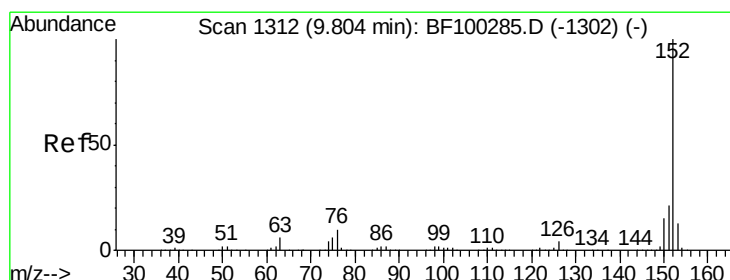
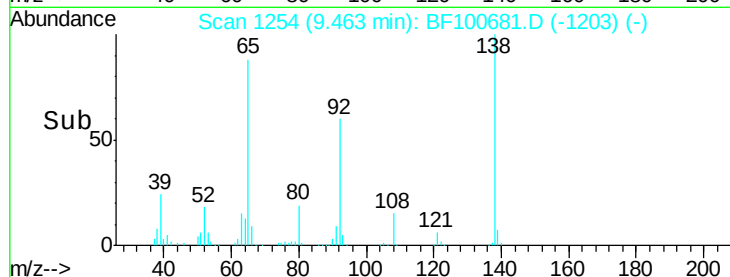
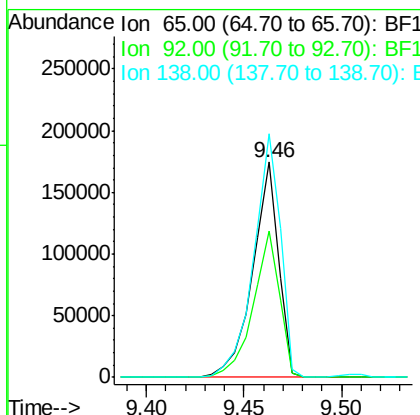
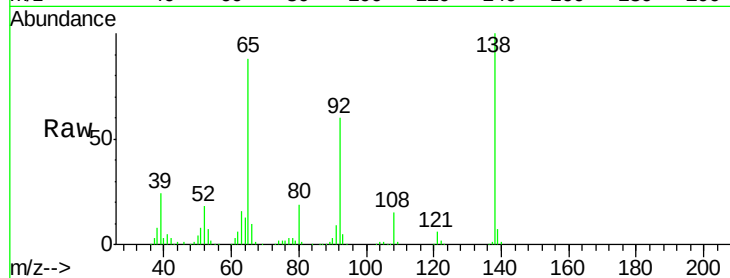




#47
2-Nitroaniline
Concen: 49.28 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

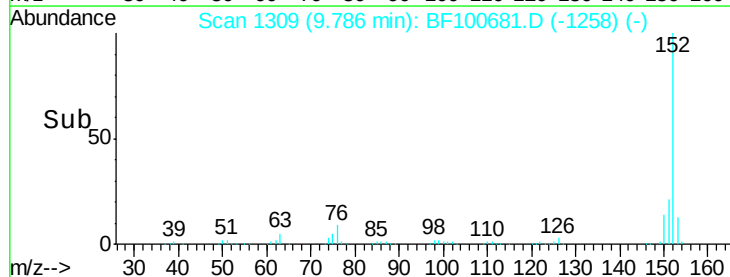
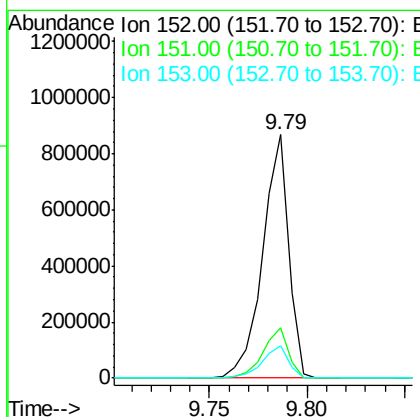
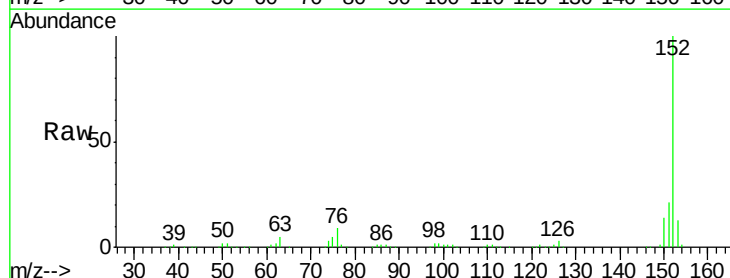
Instrument :
BNA_F
ClientSampleId :
PB104282BS

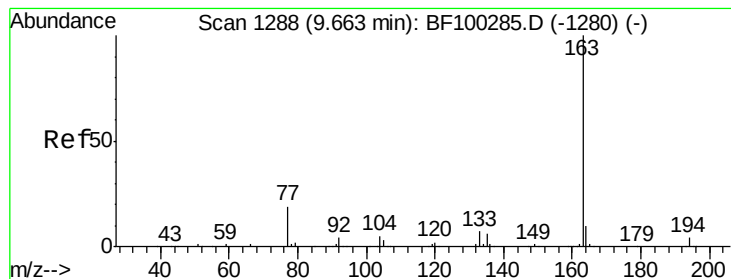
Tgt Ion: 65 Resp: 160211
Ion Ratio Lower Upper
65 100
92 68.2 55.8 83.6
138 113.3 91.2 136.8



#48
Acenaphthylene
Concen: 44.09 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion: 152 Resp: 802554
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 46.01 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

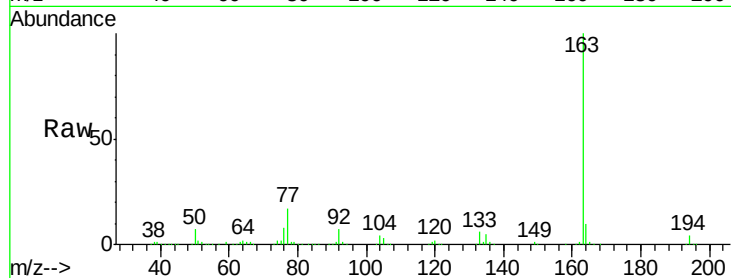
Tgt Ion:163 Resp: 614958

Ion Ratio Lower Upper

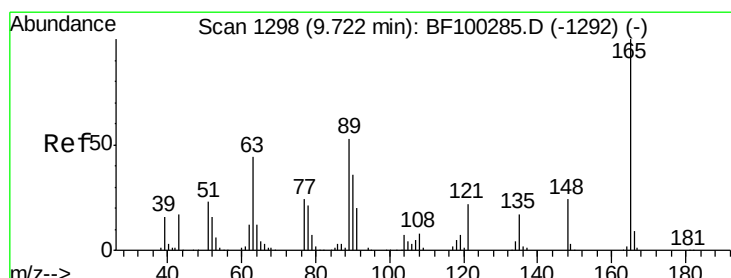
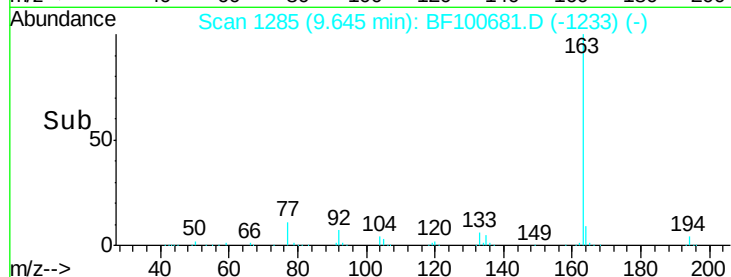
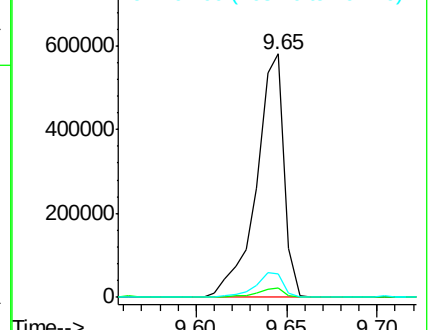
163 100

194 3.8 2.7 4.1

164 9.6 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: 53.35 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

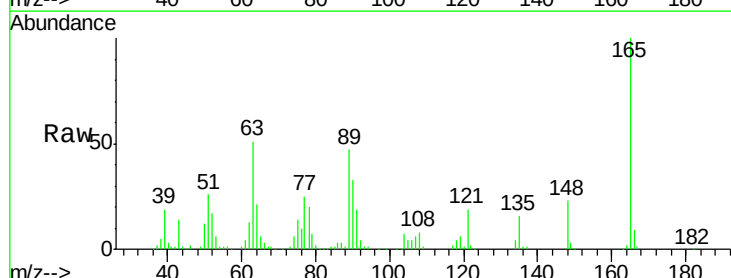
Tgt Ion:165 Resp: 141153

Ion Ratio Lower Upper

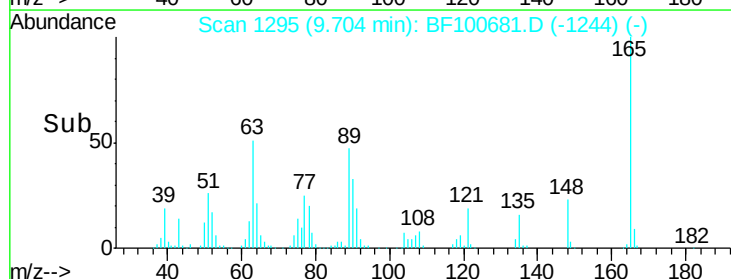
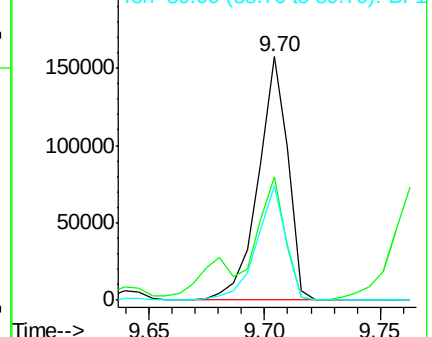
165 100

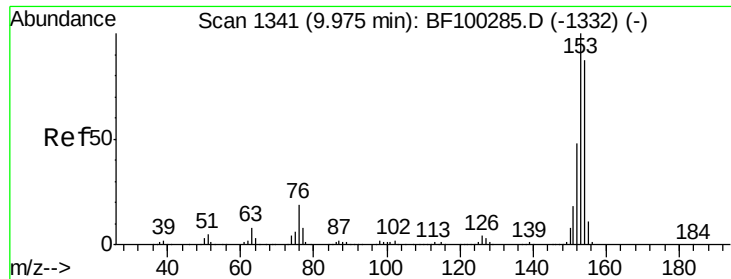
63 50.9 44.7 67.1

89 47.2 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

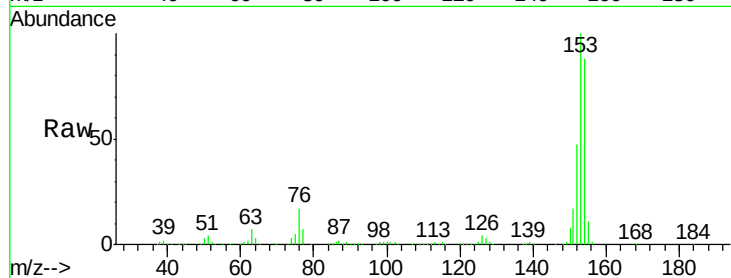




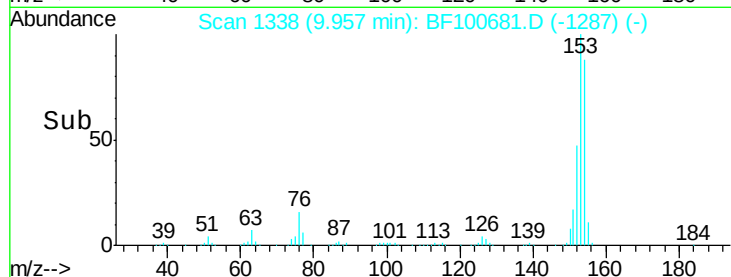
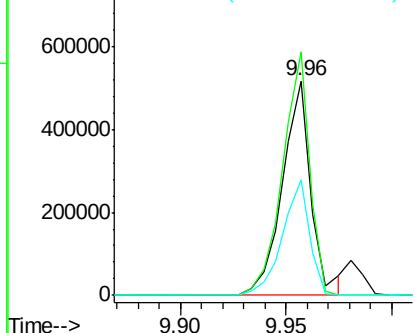
#51
Acenaphthene
Concen: 44.15 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tgt Ion:154 Resp: 488807
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 53.9 43.8 65.8

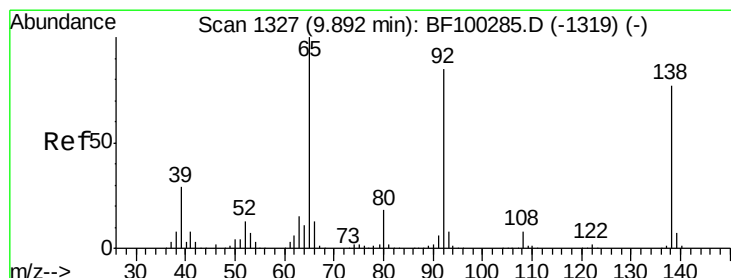


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

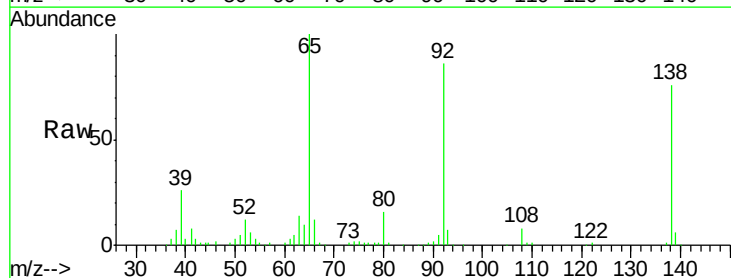
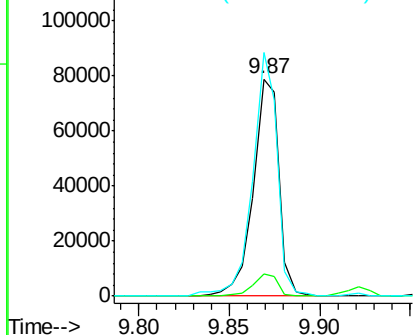


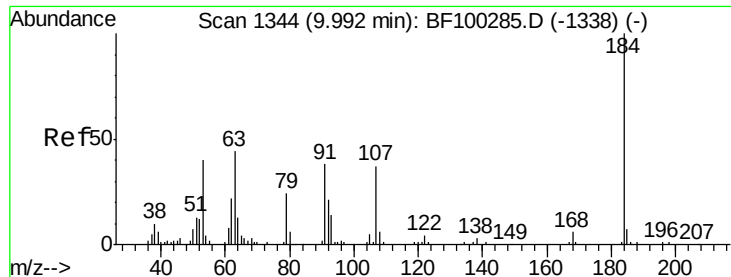
#52
3-Nitroaniline
Concen: 24.88 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:138 Resp: 77734
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 112.2 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

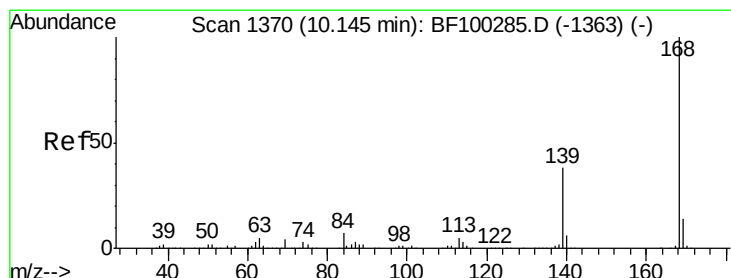
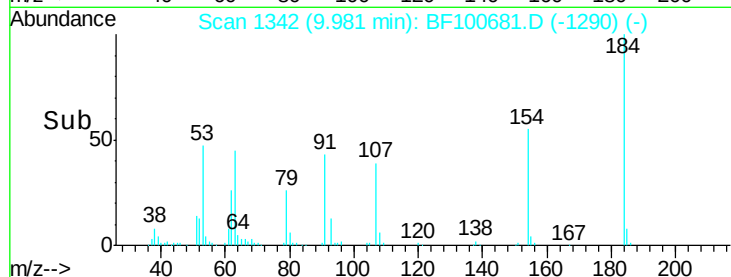
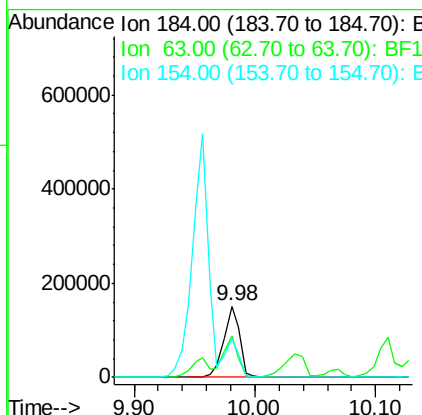
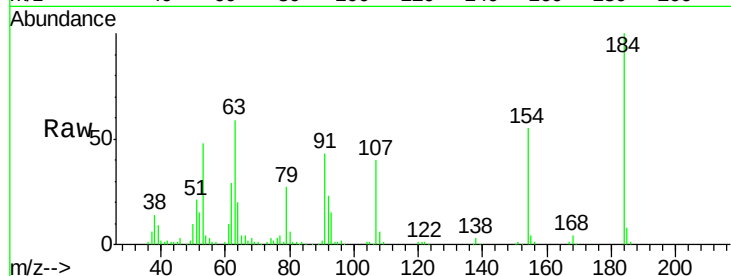




#53
 2,4-Dinitrophenol
 Concen: 104.05 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

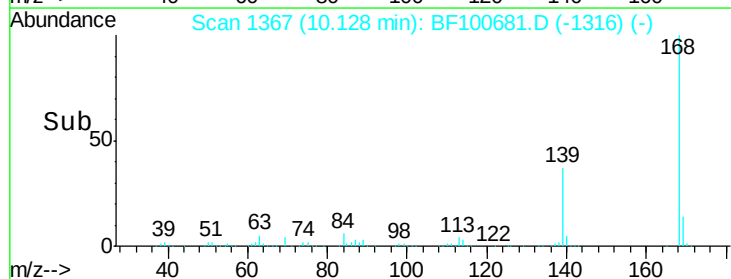
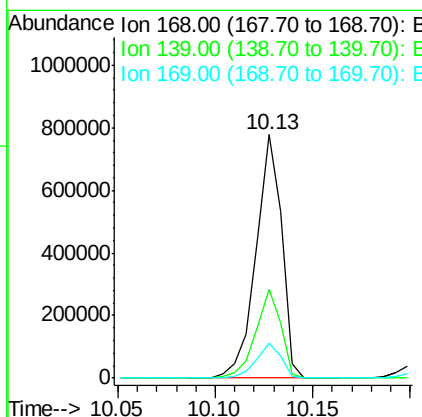
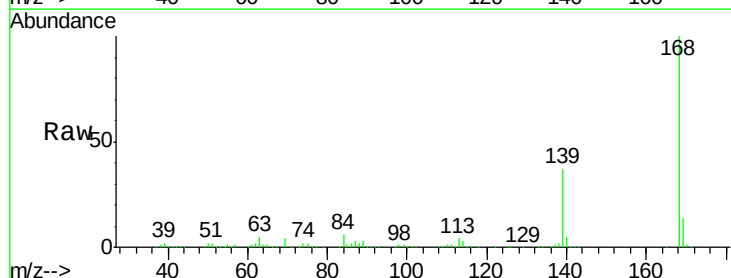
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

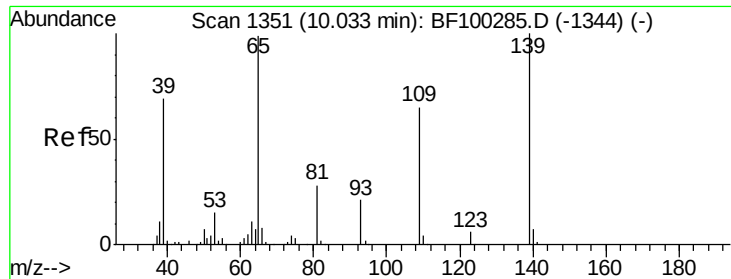
Tgt Ion:184 Resp: 138243
 Ion Ratio Lower Upper
 184 100
 63 58.9 54.2 81.2
 154 55.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.66 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:168 Resp: 708572
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.1 45.1
 169 14.2 10.9 16.3

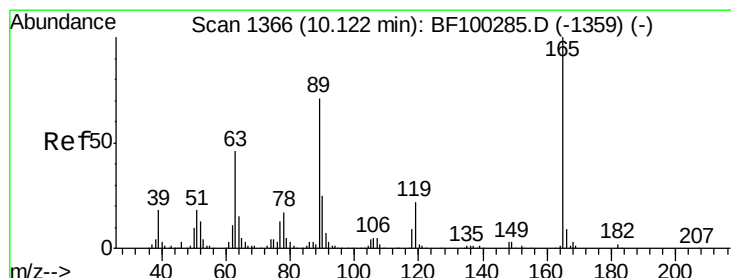
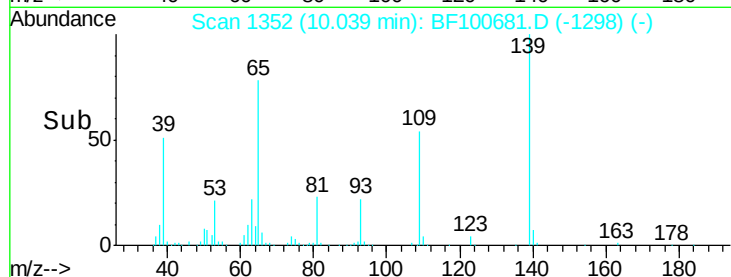
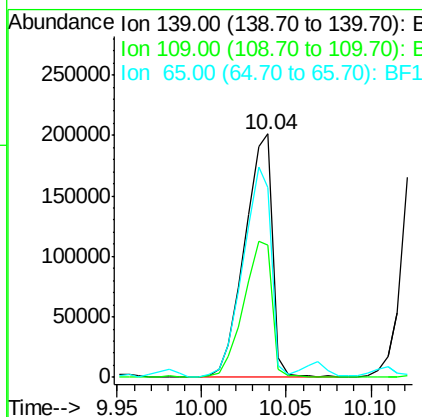
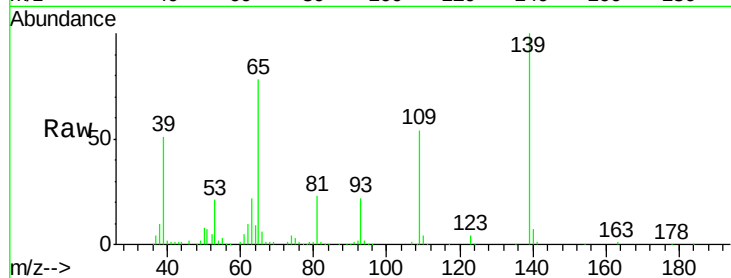




#55
4-Nitrophenol
Concen: 91.97 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

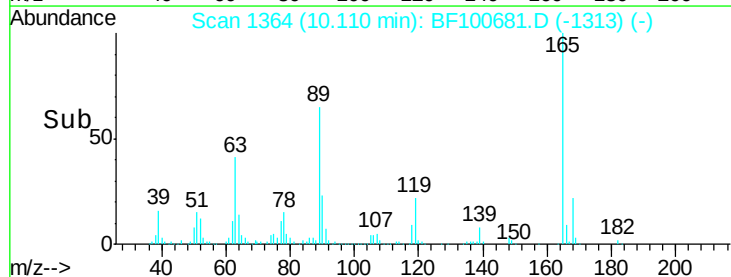
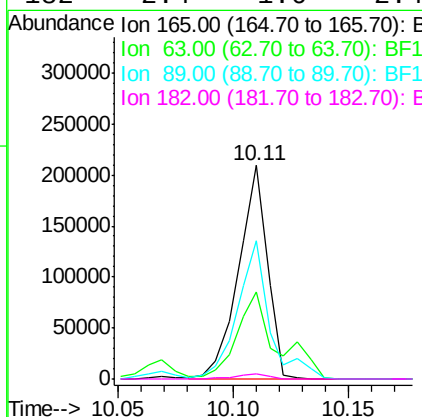
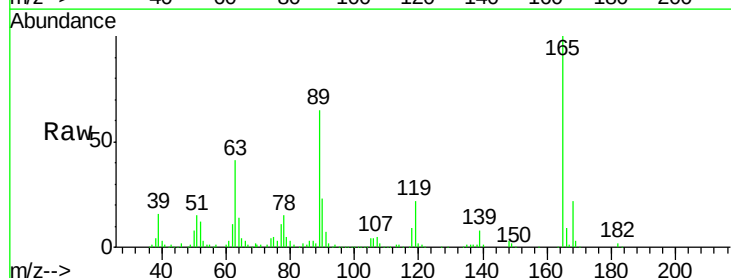
Instrument :
BNA_F
ClientSampleId :
PB104282BS

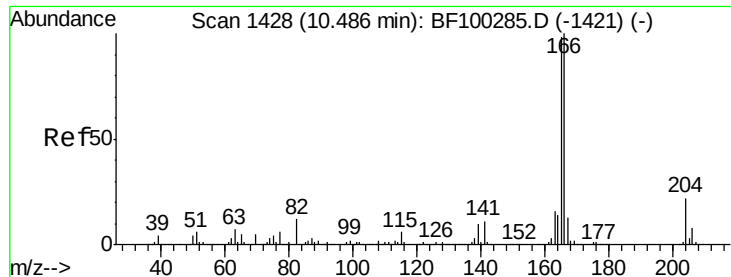
Tgt Ion:139 Resp: 233317
Ion Ratio Lower Upper
139 100
109 54.3 48.4 88.4
65 78.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.91 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:165 Resp: 183293
Ion Ratio Lower Upper
165 100
63 40.9 36.4 54.6
89 64.8 57.8 86.6
182 2.4 1.6 2.4#

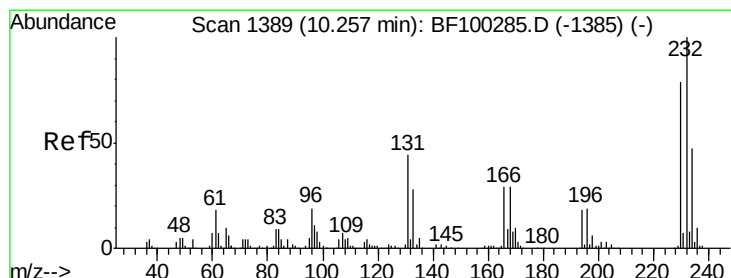
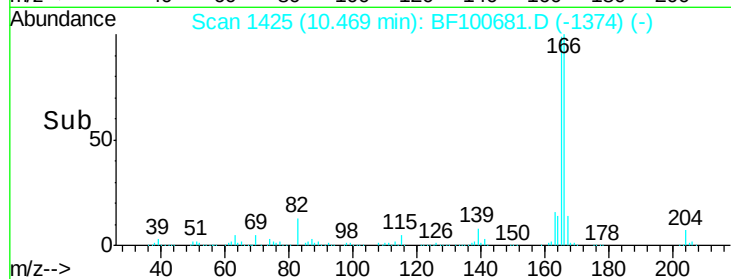
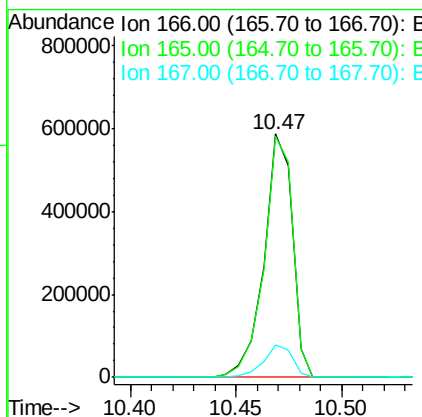
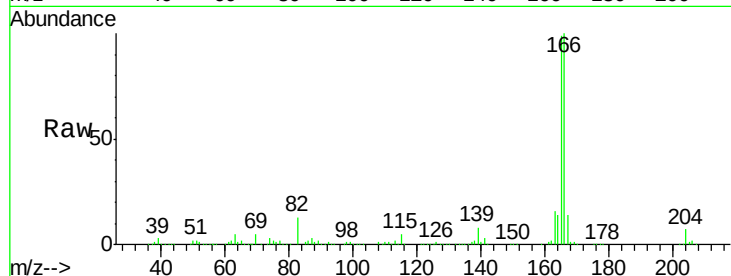




#57
 Fluorene
 Concen: 48.37 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

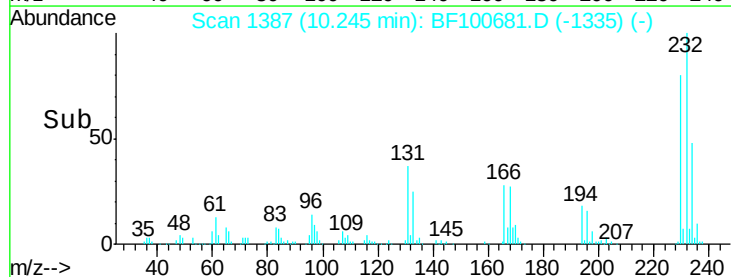
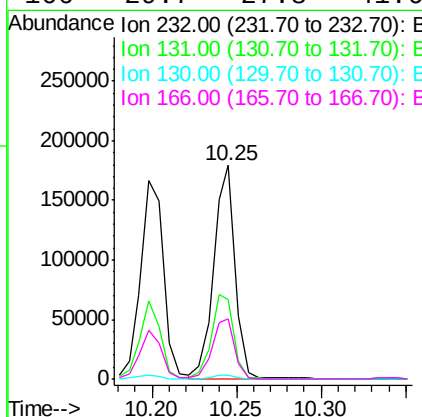
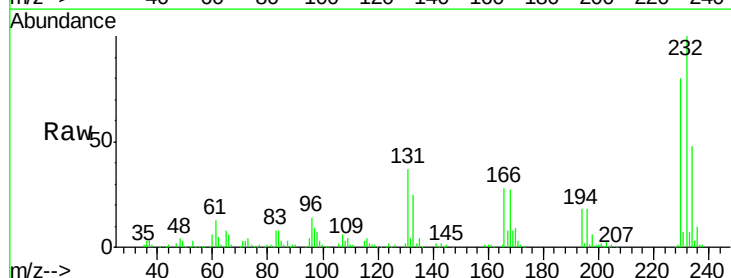
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

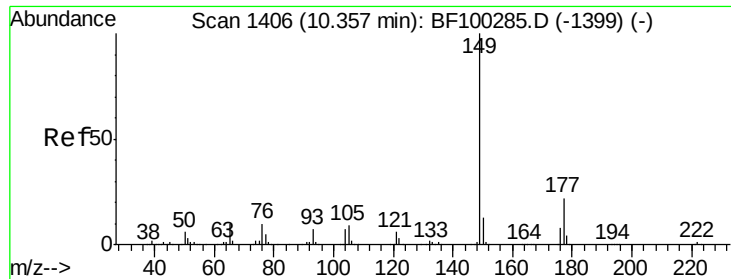
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.26 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	43.8	65.8#
130	1.8	2.1	3.1#
166	29.7	27.8	41.6

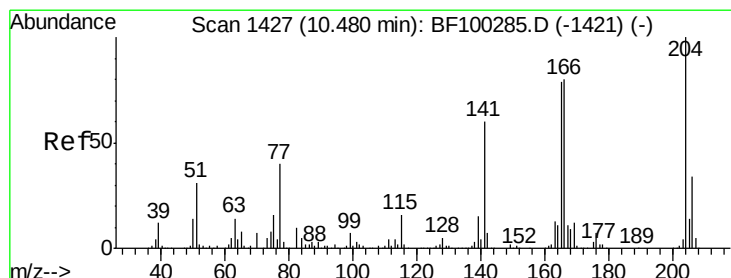
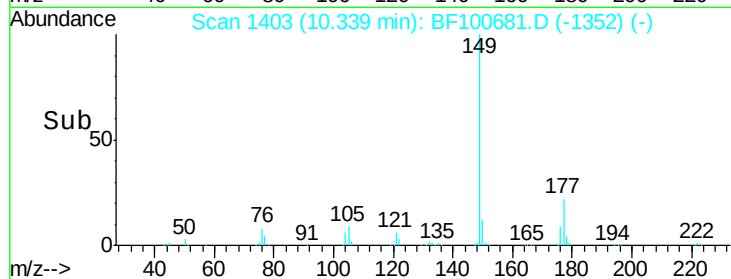
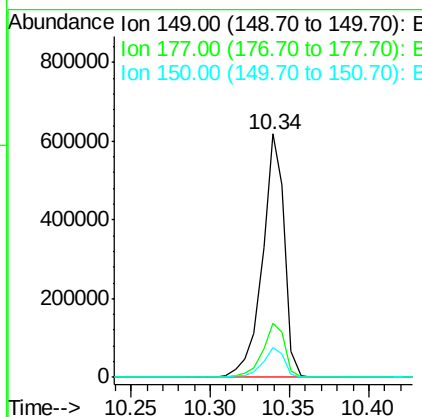
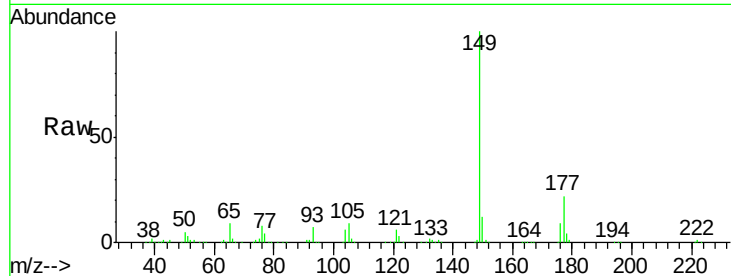




#59
Diethylphthalate
Concen: 44.57 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

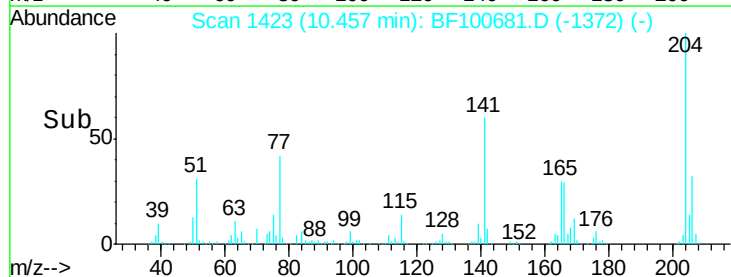
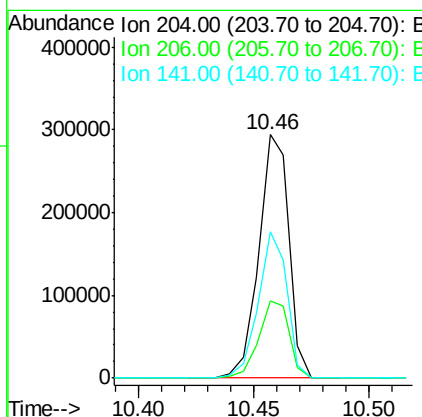
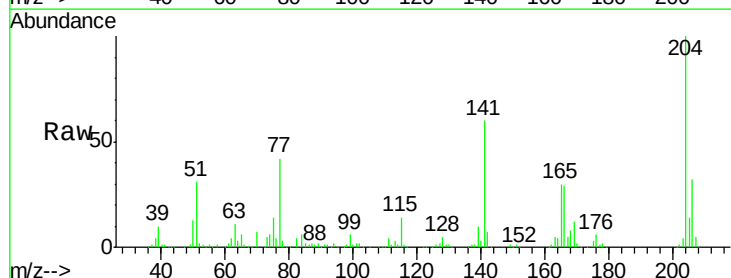
Instrument :
BNA_F
ClientSampleId :
PB104282BS

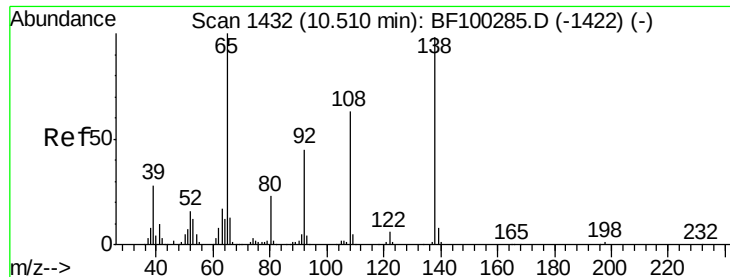
Tgt Ion:149 Resp: 596110
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.81 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:204 Resp: 266616
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 60.1 54.6 81.8

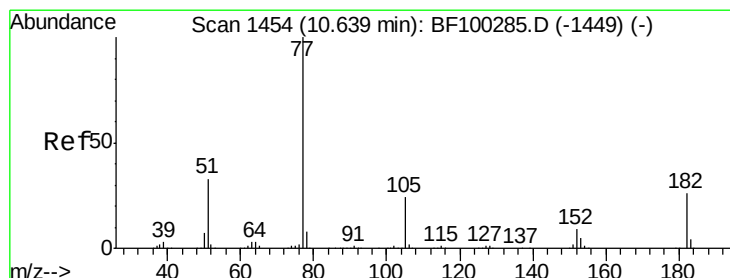
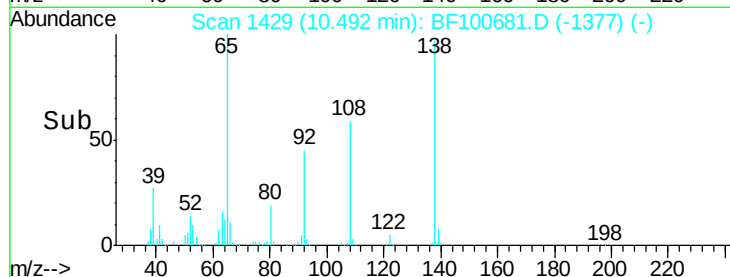
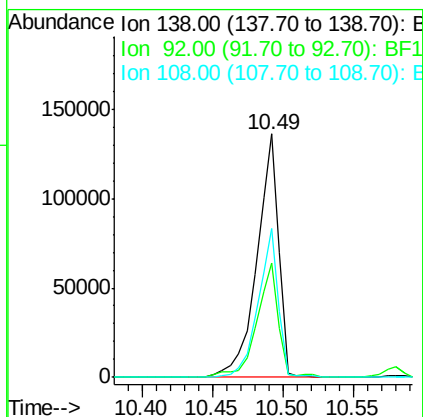
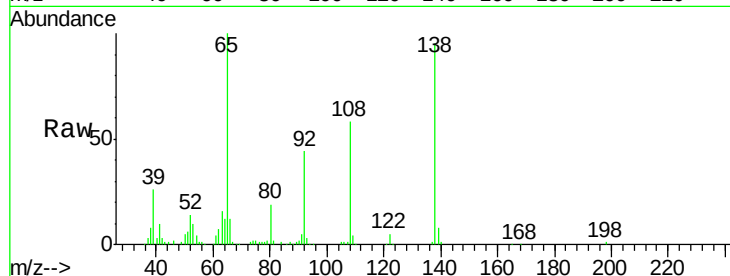




#61
4-Nitroaniline
Concen: 49.94 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

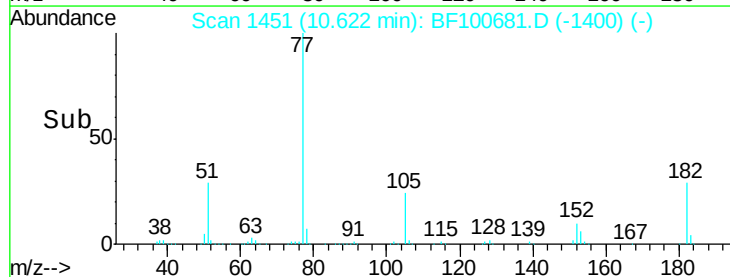
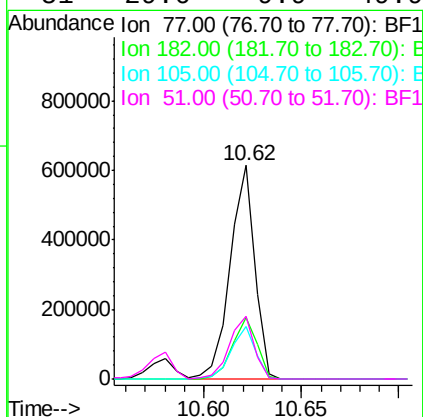
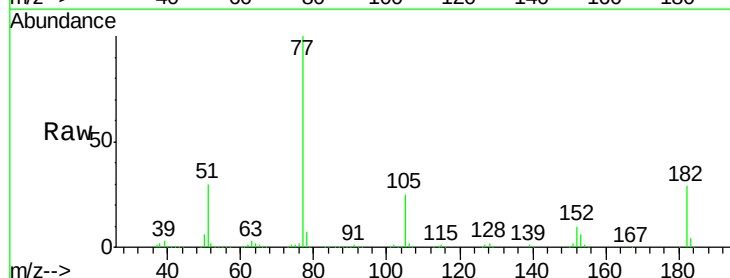
Instrument :
BNA_F
ClientSampleId :
PB104282BS

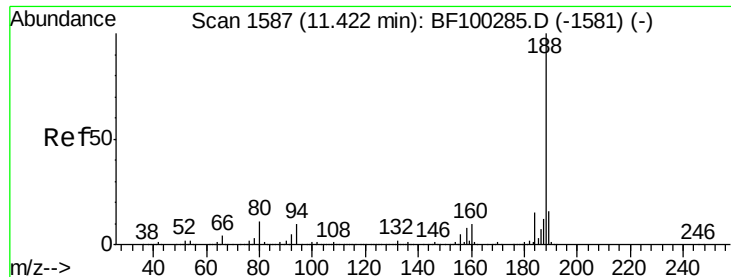
Tgt Ion: 138 Resp: 147944
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 61.4 52.5 92.5



#62
Azobenzene
Concen: 42.71 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion: 77 Resp: 538109
Ion Ratio Lower Upper
77 100
182 29.1 1.7 41.7
105 24.8 3.0 43.0
51 29.6 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: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

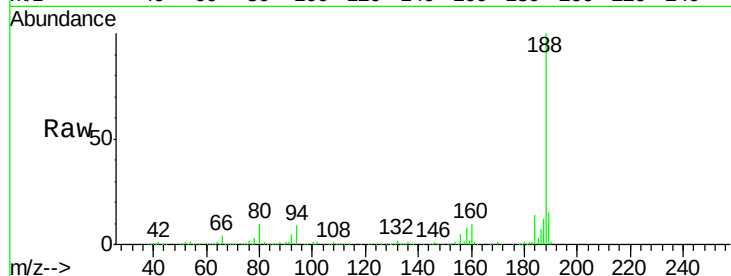
Tgt Ion:188 Resp: 350700

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

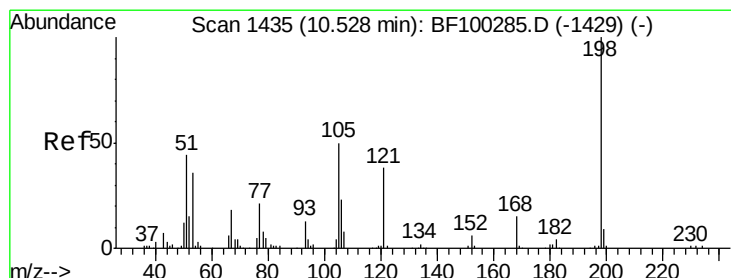
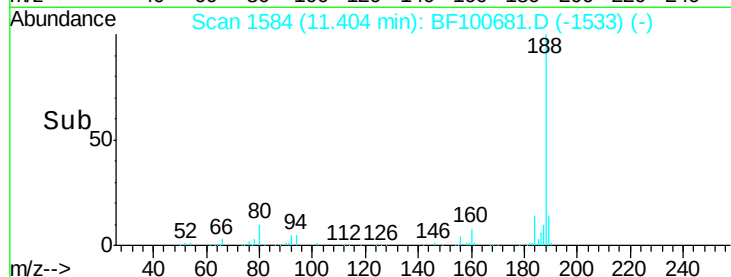
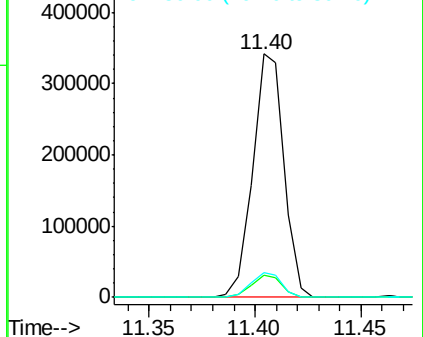
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 51.80 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

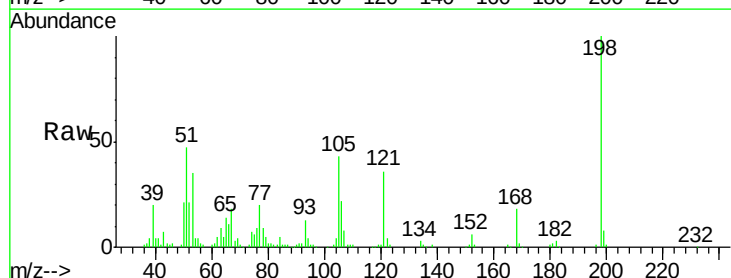
Tgt Ion:198 Resp: 93190

Ion Ratio Lower Upper

198 100

51 47.0 37.7 77.7

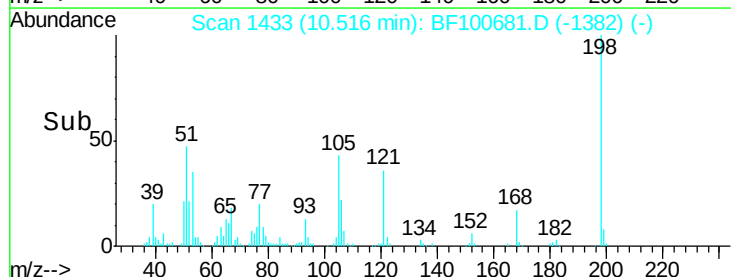
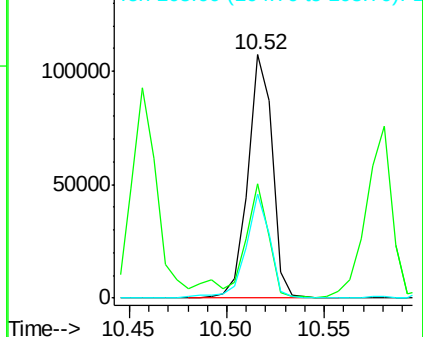
105 43.0 36.3 76.3

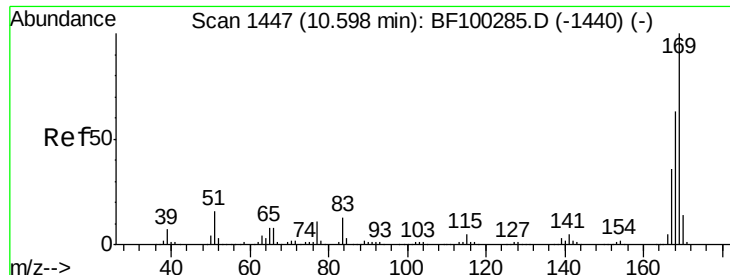


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

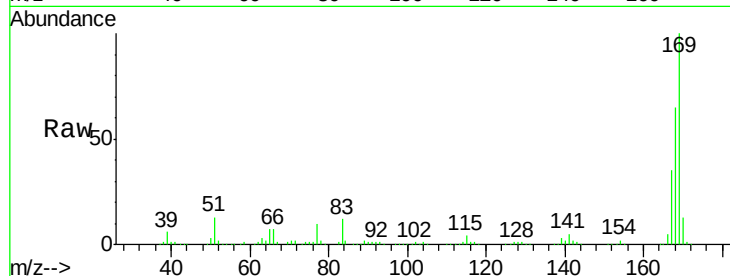




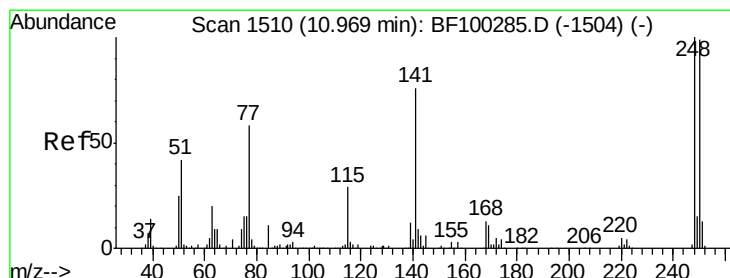
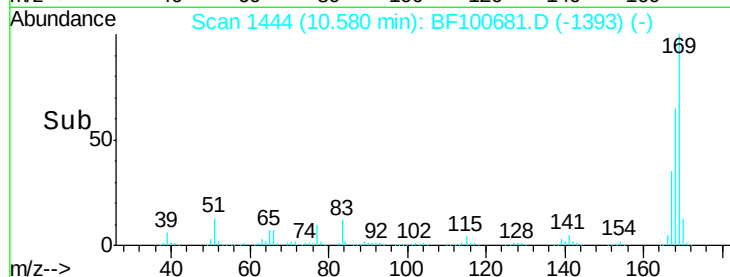
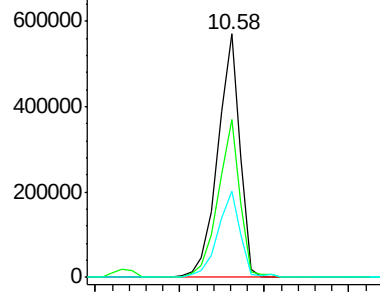
#65
 n-Nitrosodiphenylamine
 Concen: 42.74 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tgt Ion:169 Resp: 521124
 Ion Ratio Lower Upper
 169 100
 168 64.8 54.4 81.6
 167 35.2 29.8 44.6

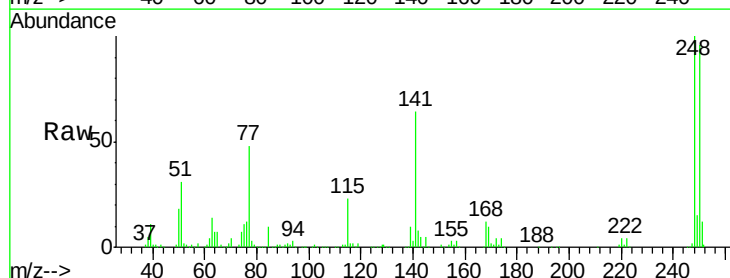


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

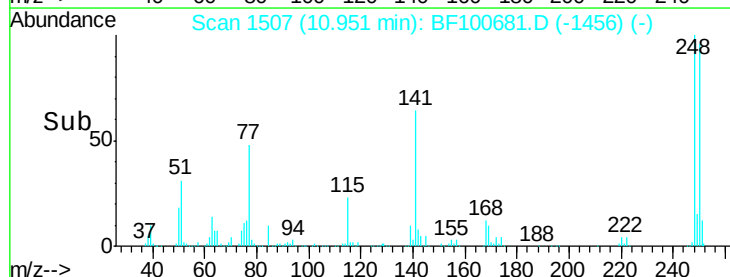
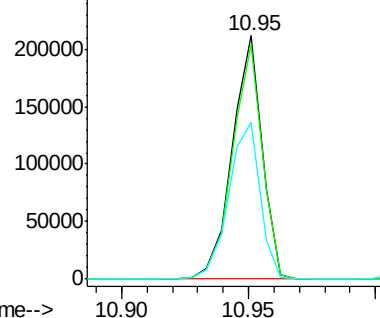


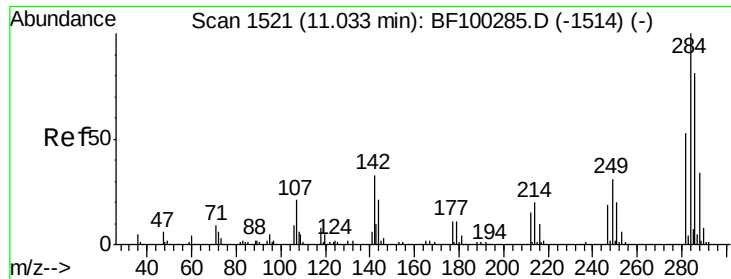
#66
 4-Bromophenyl-phenylether
 Concen: 46.36 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:248 Resp: 174294
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 64.4 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 46.36 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

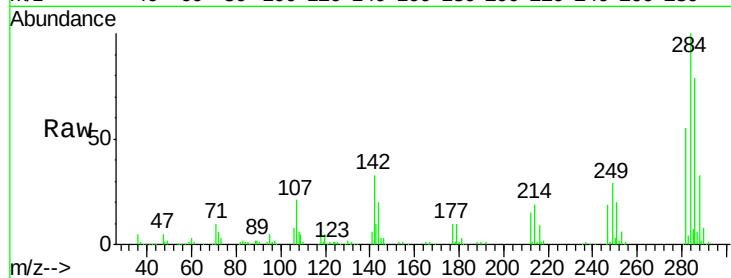
Tgt Ion:284 Resp: 182294

Ion Ratio Lower Upper

284 100

142 32.8 34.6 52.0#

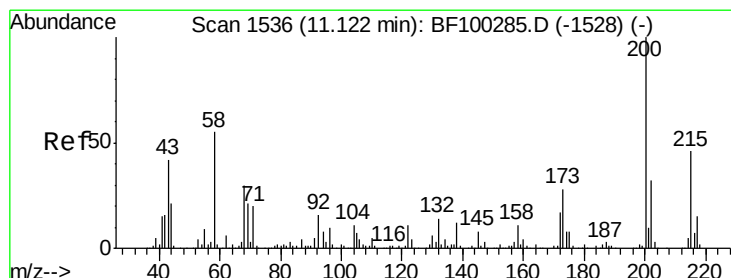
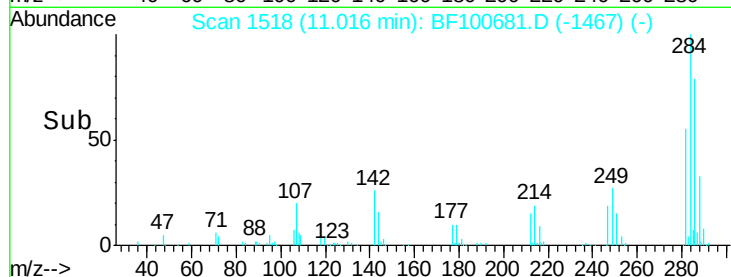
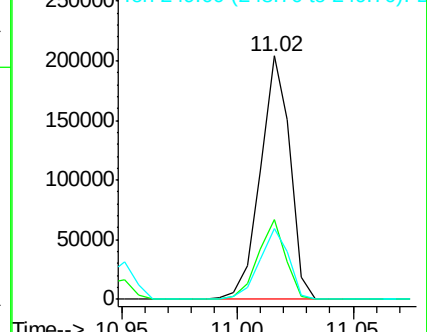
249 29.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.60 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

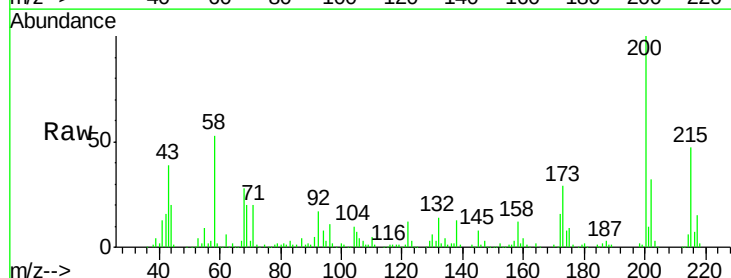
Tgt Ion:200 Resp: 168327

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

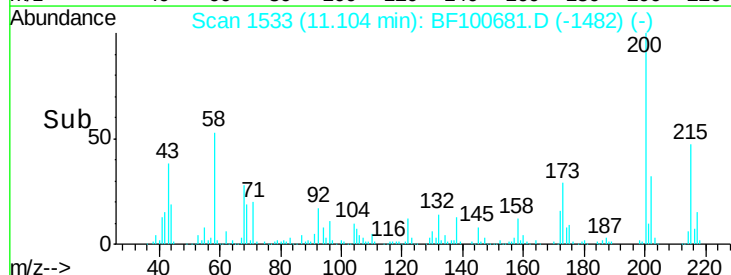
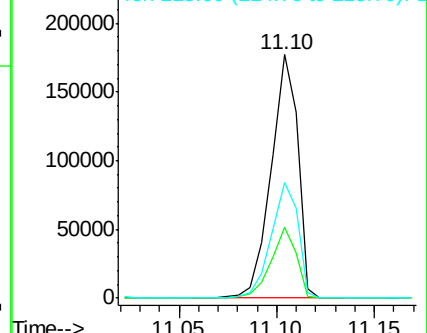
215 47.4 25.1 65.1

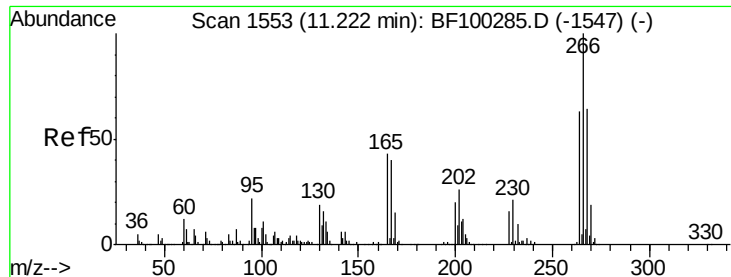


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

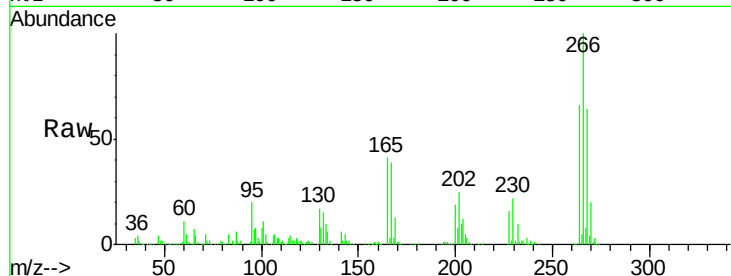




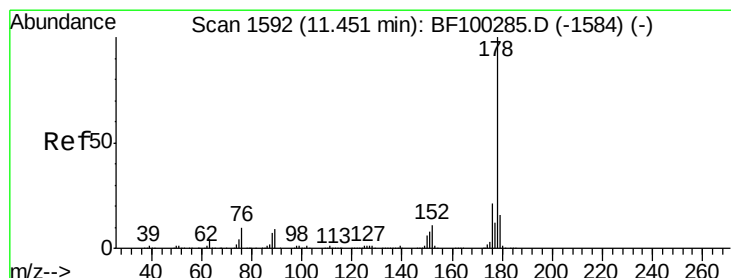
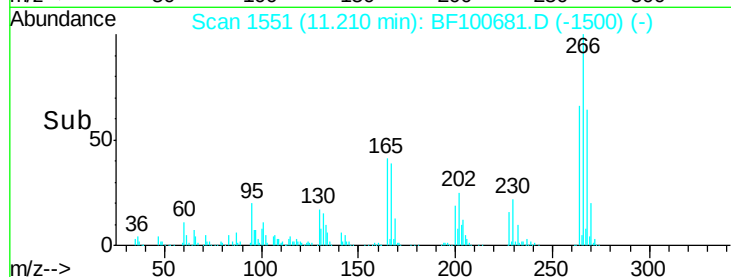
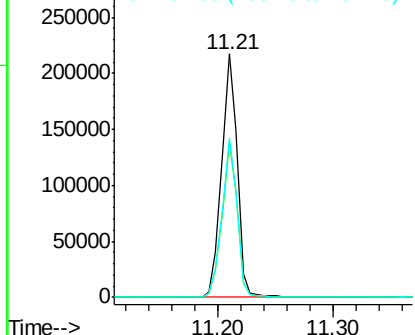
#69
 Pentachlorophenol
 Concen: 73.41 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	65.5	49.5	74.3

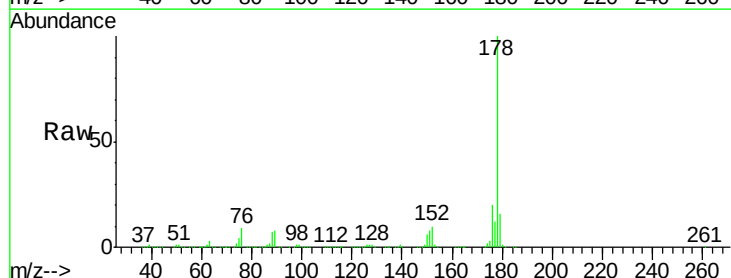


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

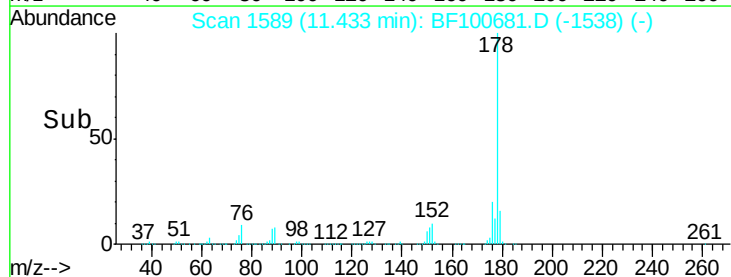
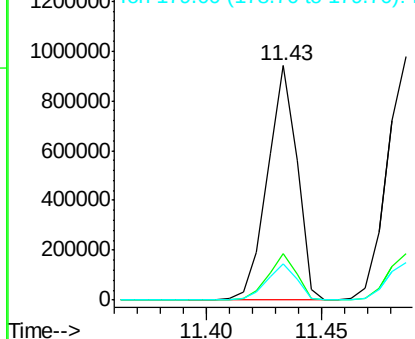


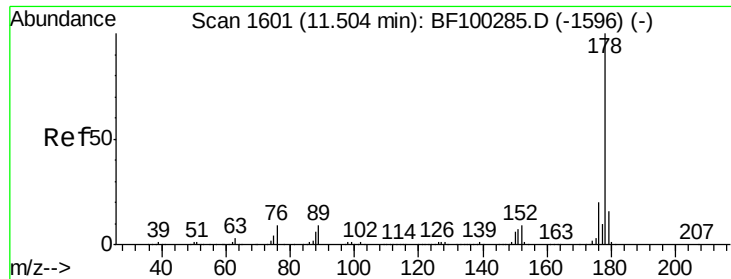
#70
 Phenanthrene
 Concen: 45.26 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

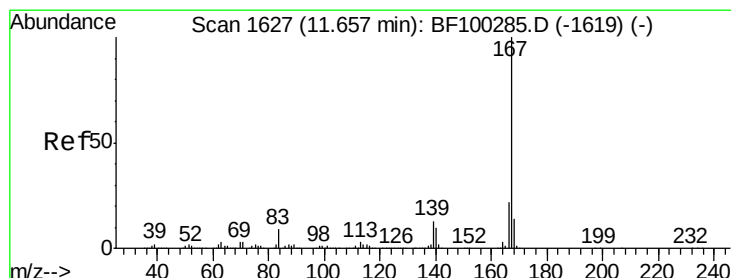
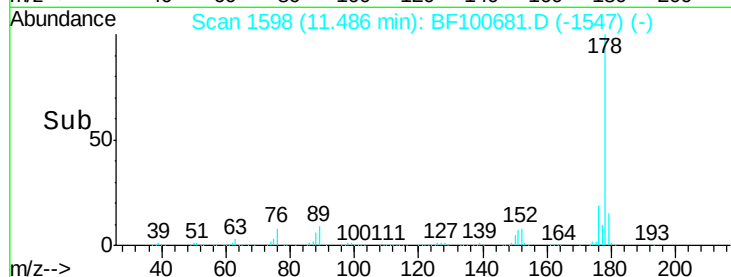
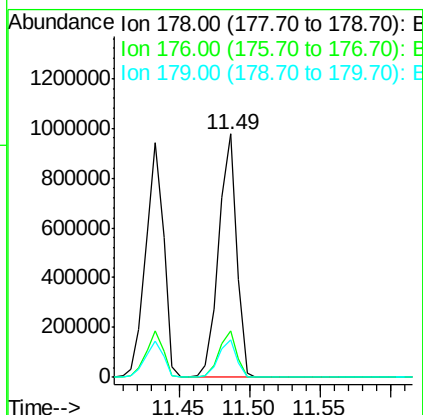
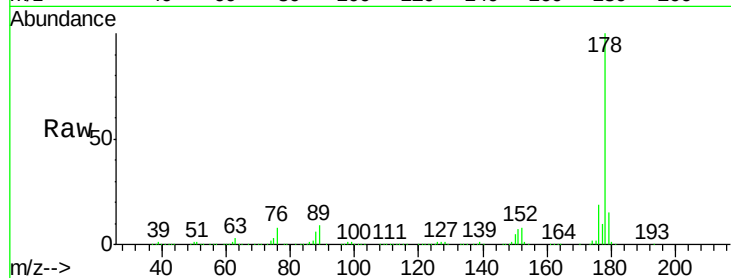




#71
 Anthracene
 Concen: 46.11 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

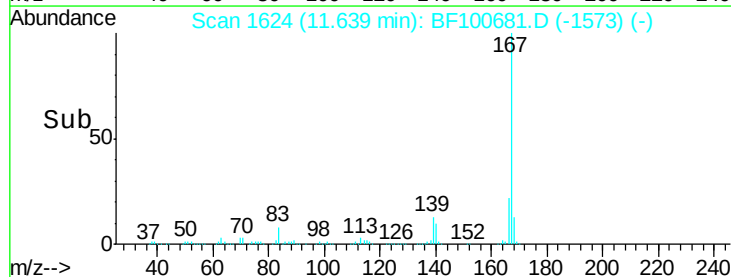
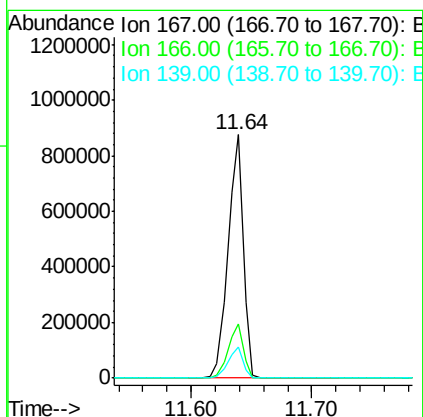
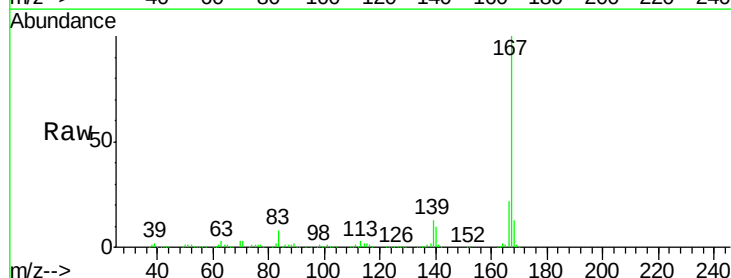
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

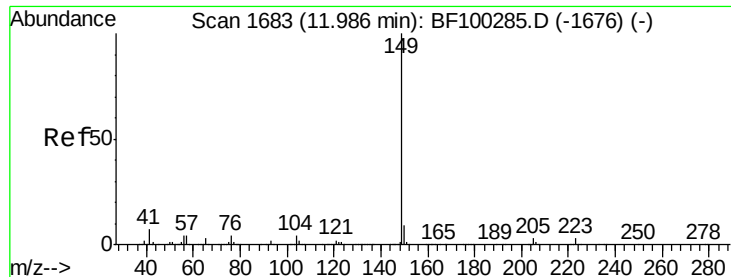
Tgt Ion:178 Resp: 863816
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 44.50 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion:167 Resp: 769124
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.6 10.9 16.3

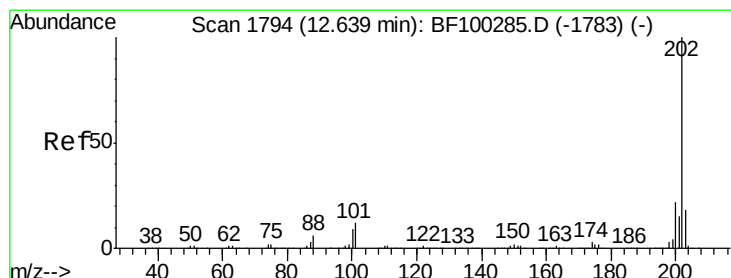
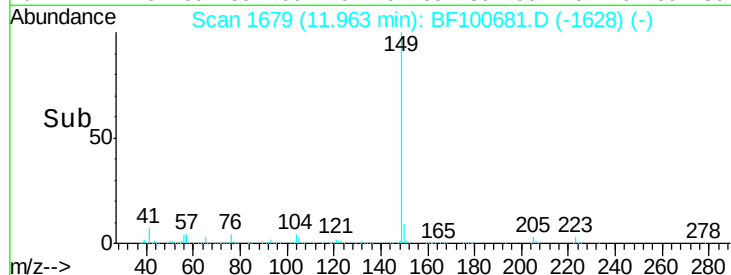
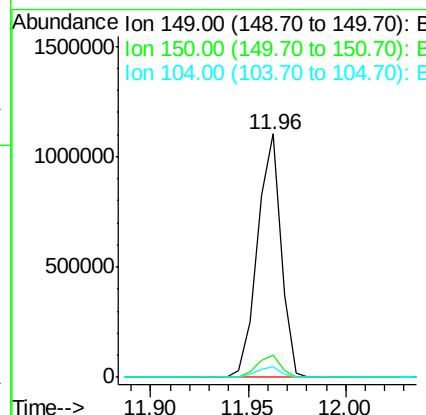
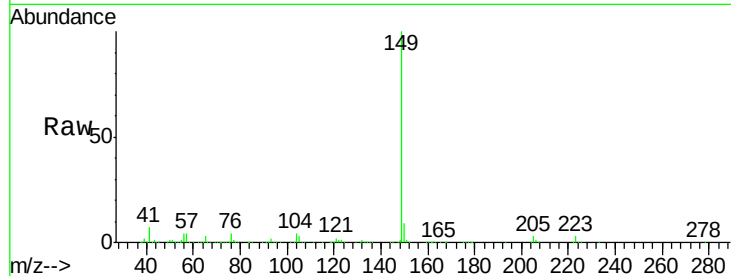




#73
Di-n-butylphthalate
Concen: 45.38 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

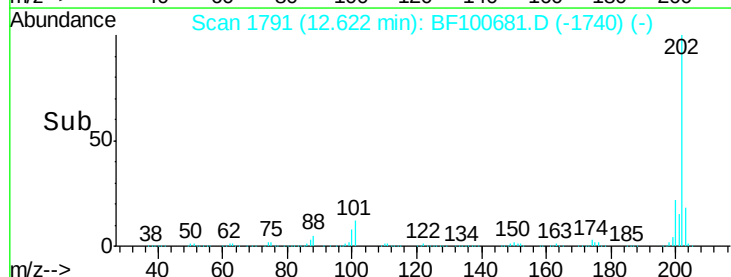
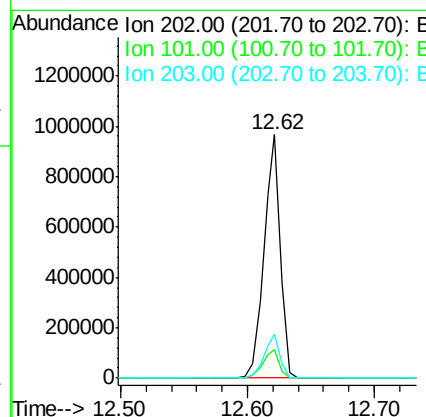
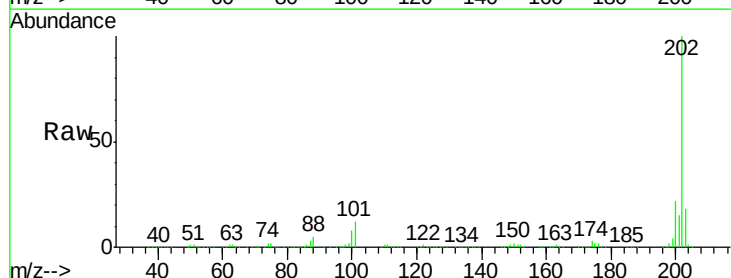
Instrument :
BNA_F
ClientSampled :
PB104282BS

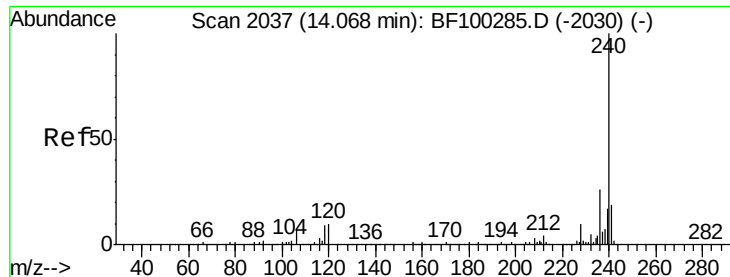
Tgt Ion:149 Resp: 918049
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 44.54 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:202 Resp: 871632
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

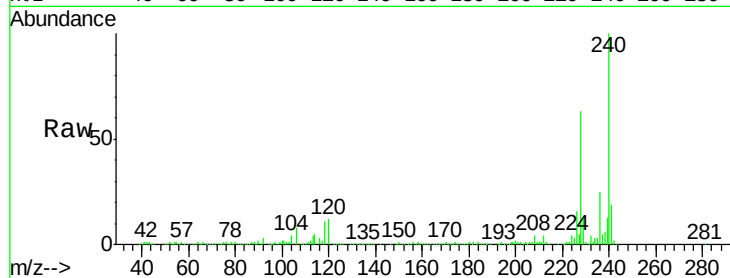
Tgt Ion:240 Resp: 240207

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

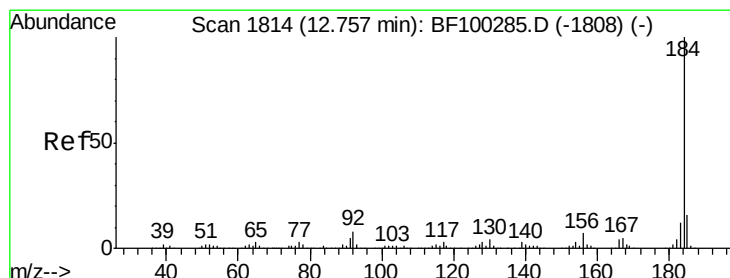
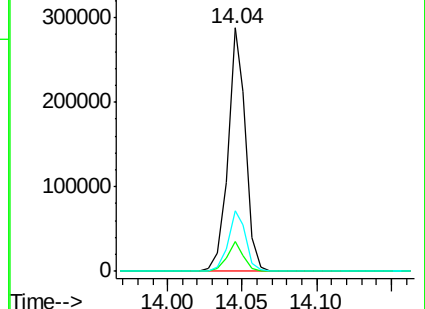
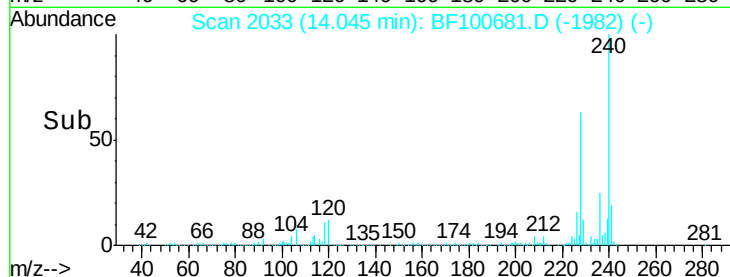
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.80 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

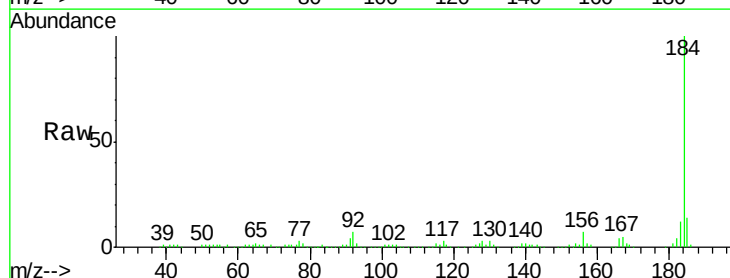
Tgt Ion:184 Resp: 238570

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

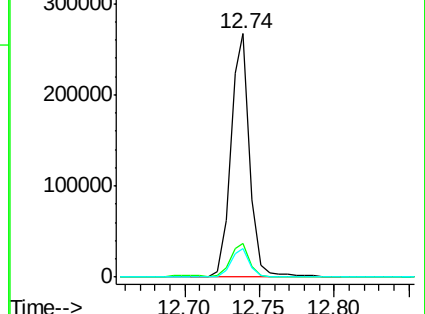
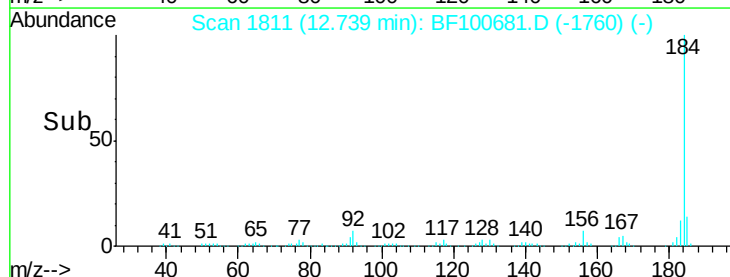
183 11.6 9.3 13.9

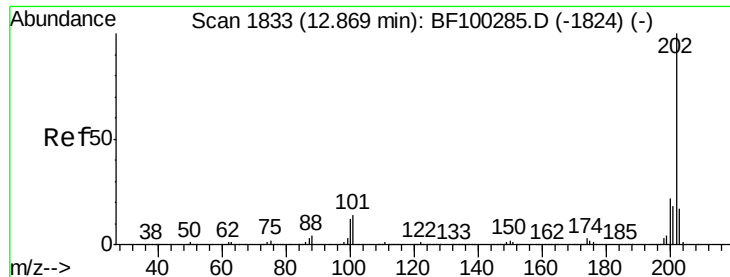


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

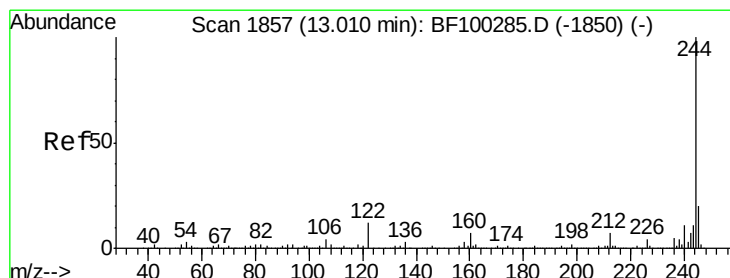
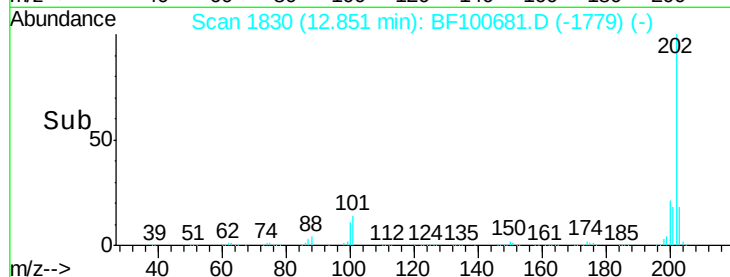
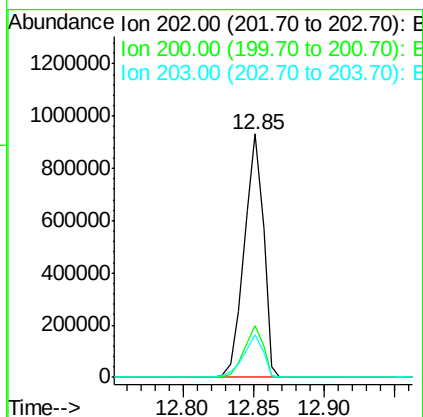
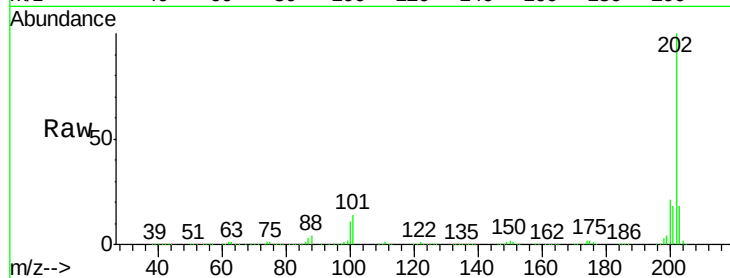




#77
 Pyrene
 Concen: 51.66 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

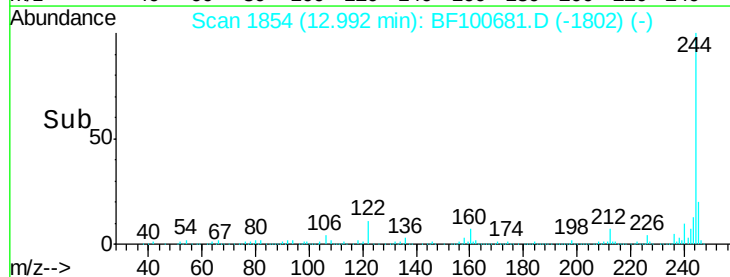
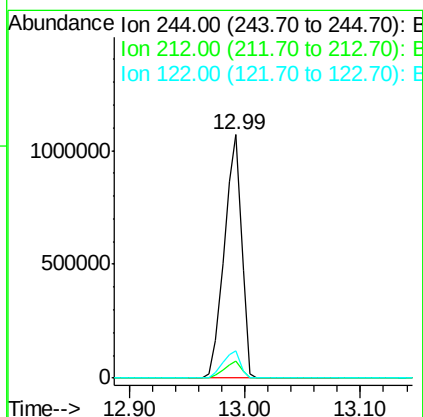
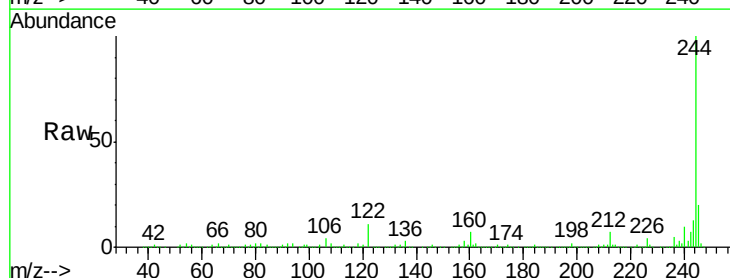
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

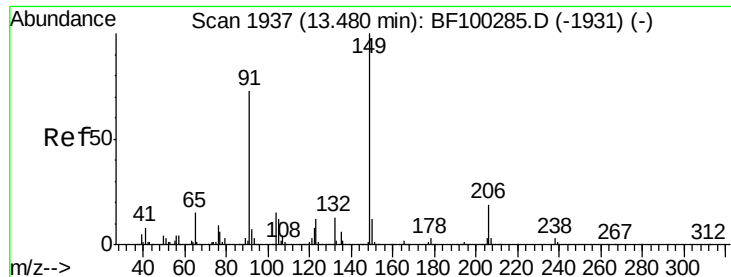
Tgt Ion: 202 Resp: 884565
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 105.66 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion: 244 Resp: 1104642
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4

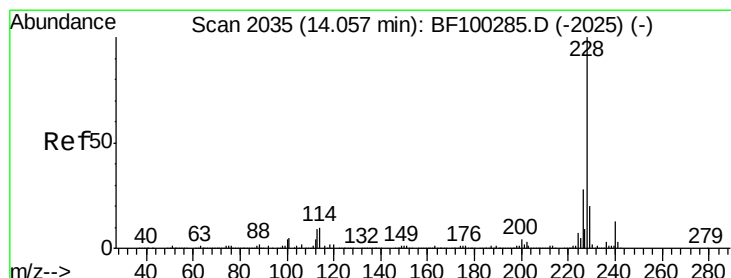
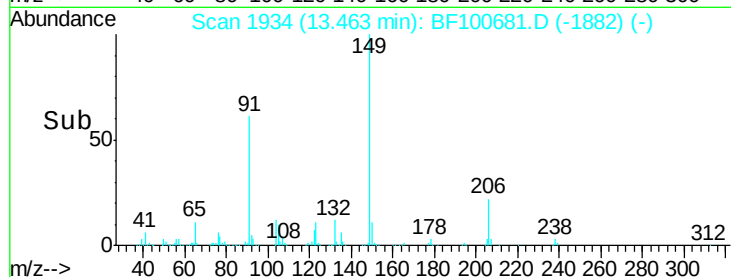
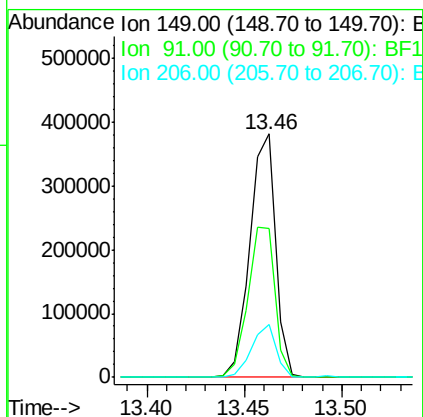
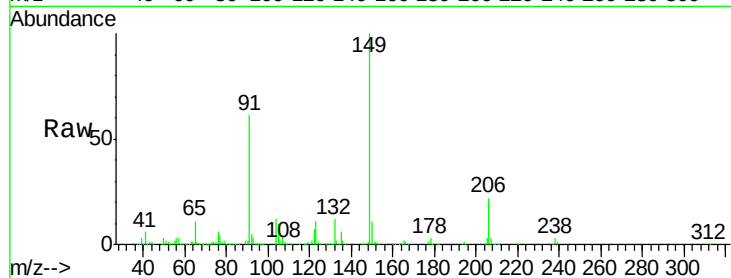




#79
Butylbenzylphthalate
Concen: 50.10 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

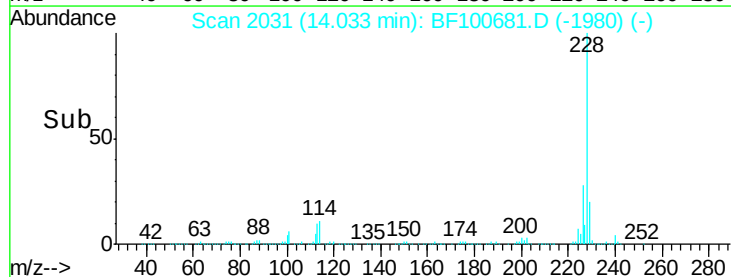
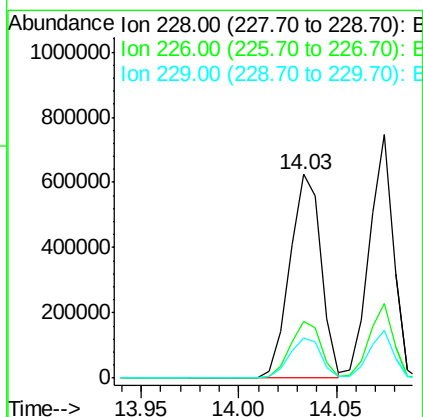
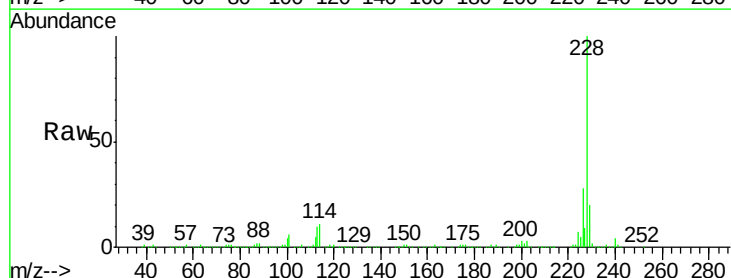
Instrument :
BNA_F
ClientSampleId :
PB104282BS

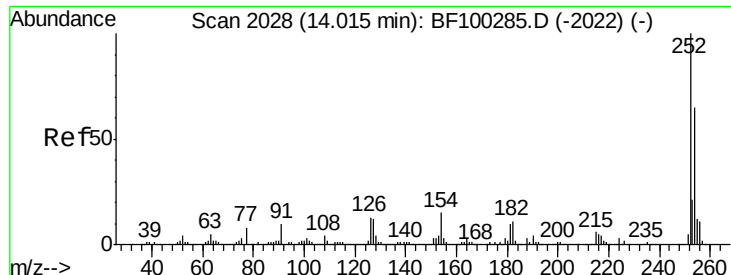
Tgt Ion:149 Resp: 349860
Ion Ratio Lower Upper
149 100
91 61.0 56.8 85.2
206 21.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 47.68 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion:228 Resp: 689683
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.6 15.8 23.6

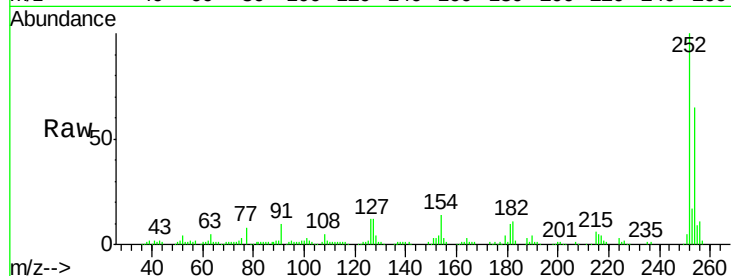




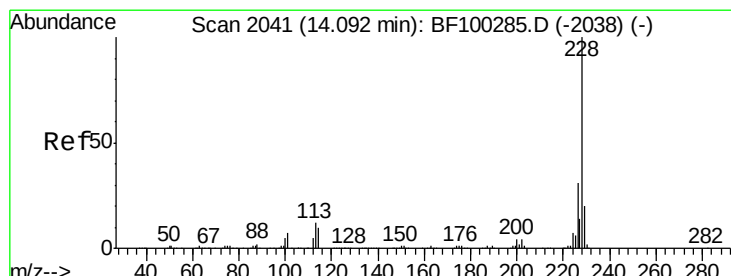
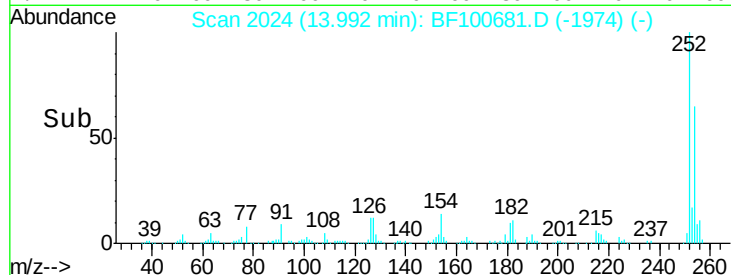
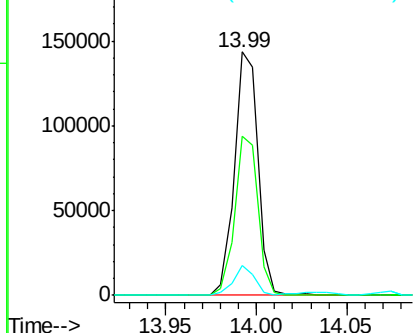
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.2	11.3	16.9

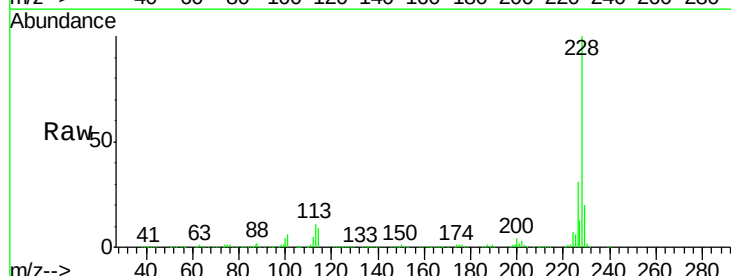


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

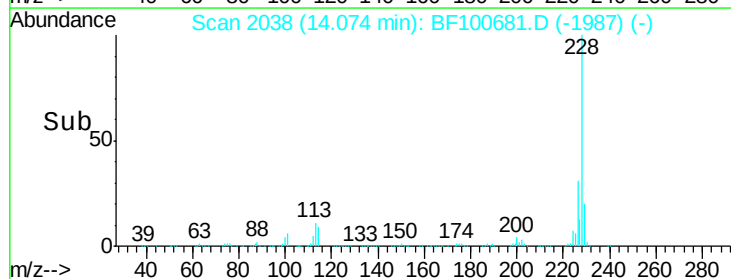
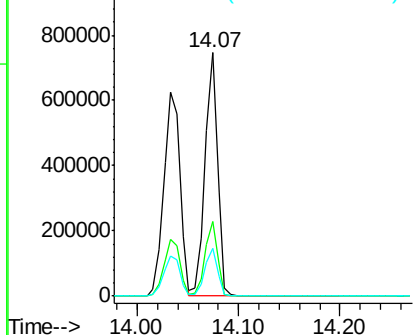


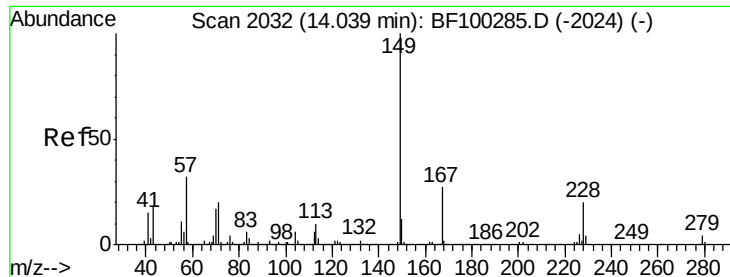
#82
 Chrysene
 Concen: 46.04 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.14 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

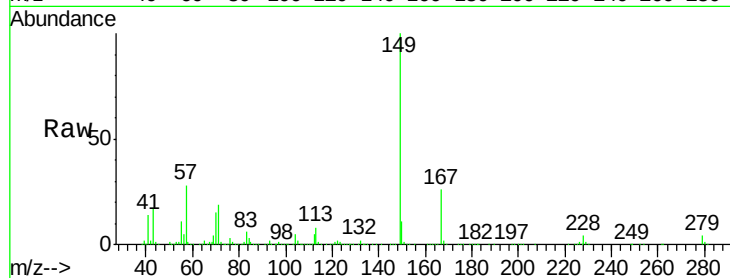
Tgt Ion:149 Resp: 432920

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

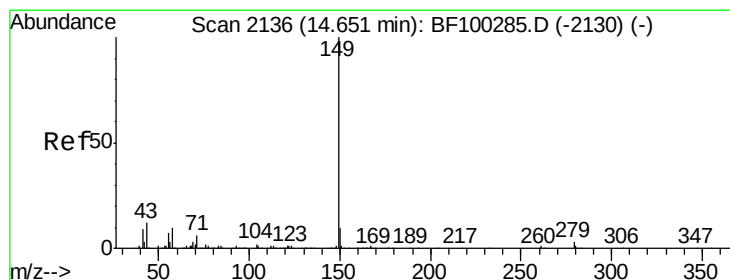
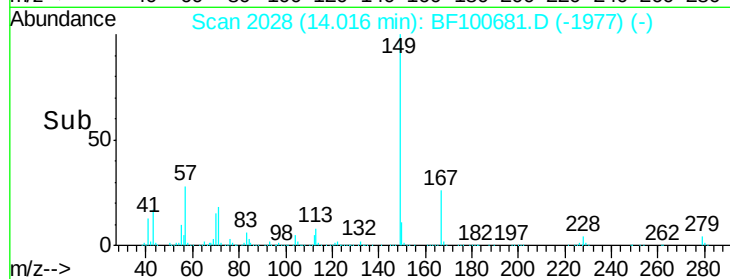
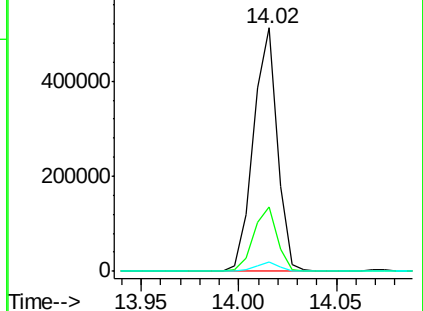
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.94 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

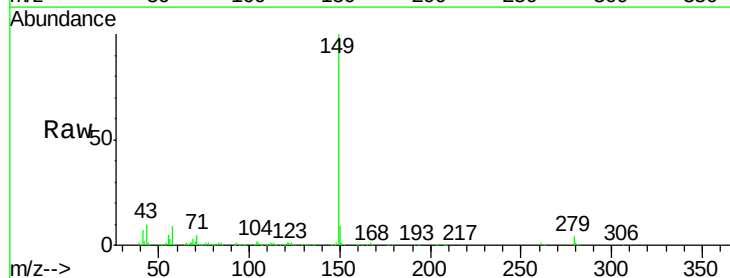
Tgt Ion:149 Resp: 645922

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

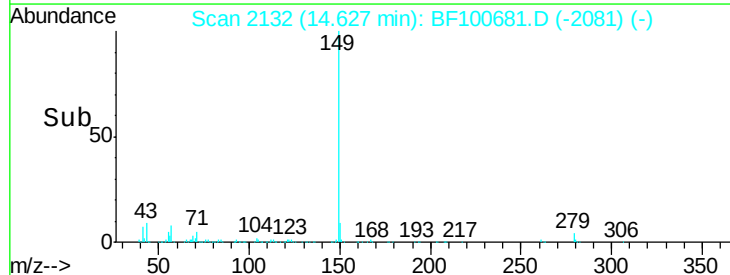
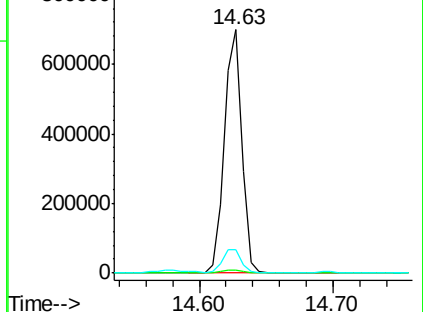
43 10.1 8.4 12.6

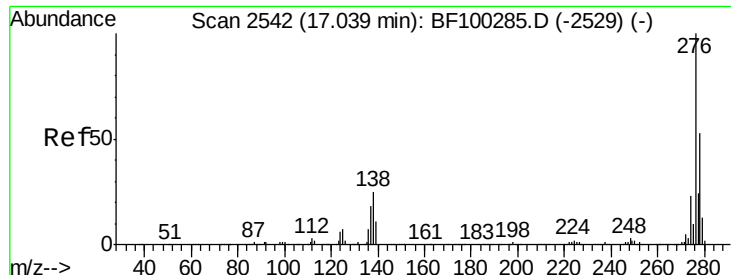


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

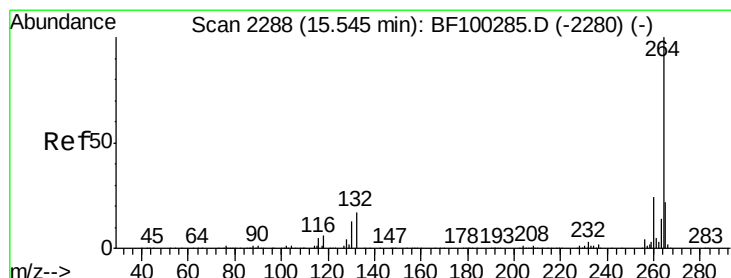
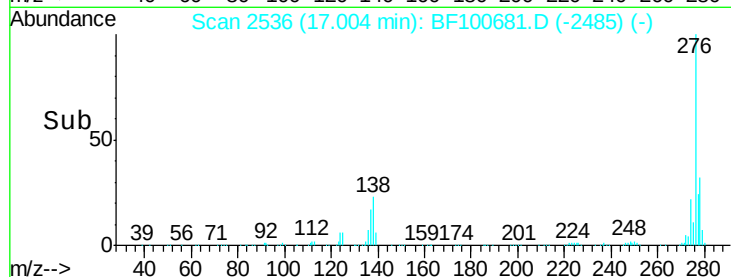
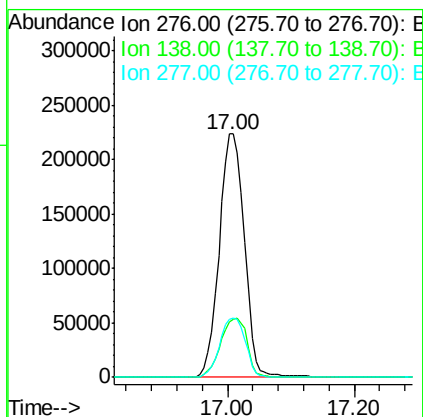
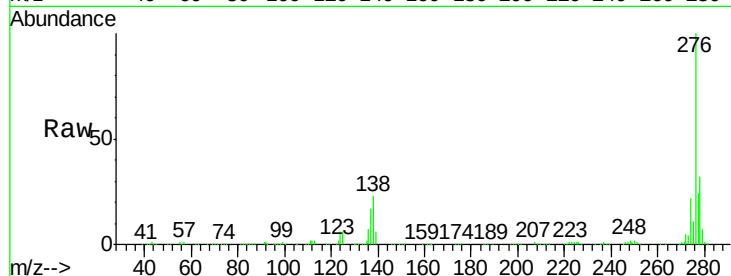




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.30 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

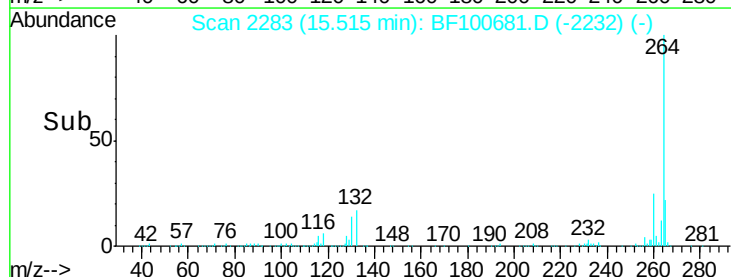
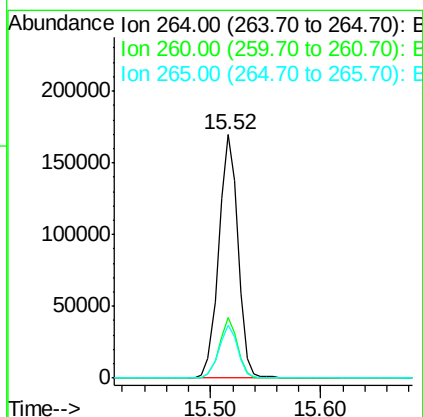
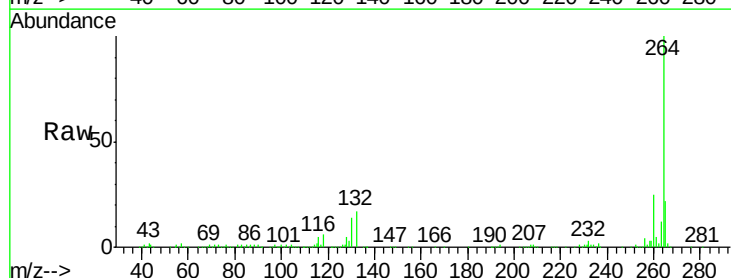
Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

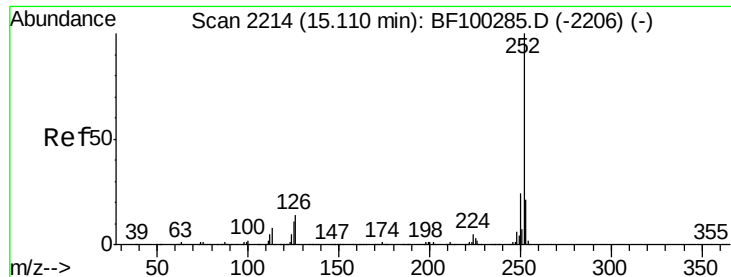
Tgt Ion: 276 Resp: 615265
 Ion Ratio Lower Upper
 276 100
 138 25.8 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion: 264 Resp: 206095
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.7 17.5 26.3

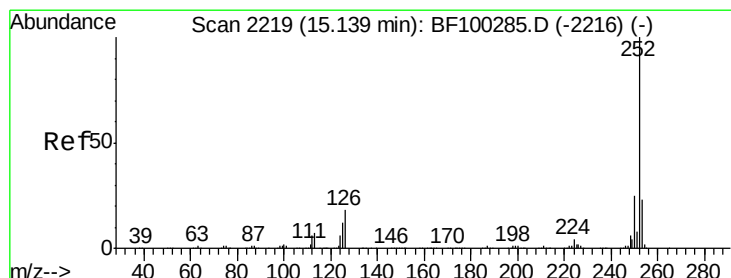
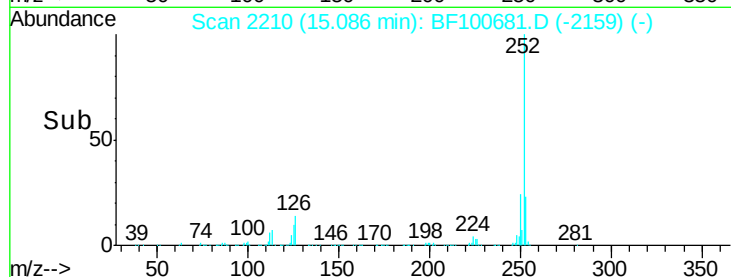
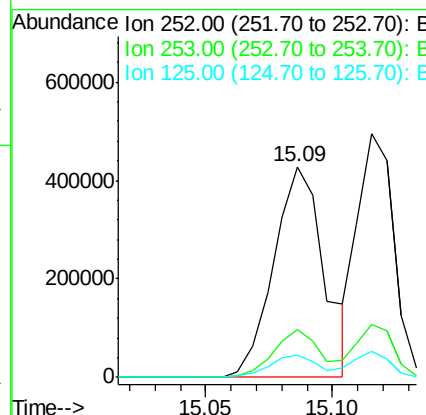
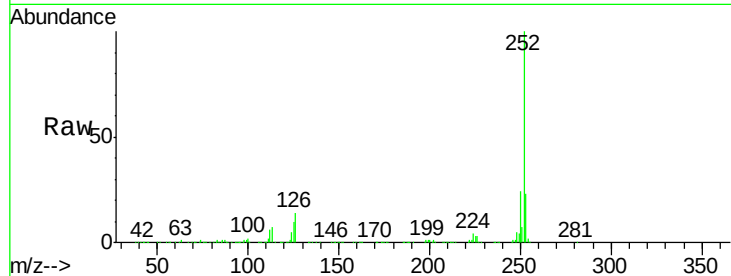




#87
Benzo(b)fluoranthene
Concen: 48.50 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

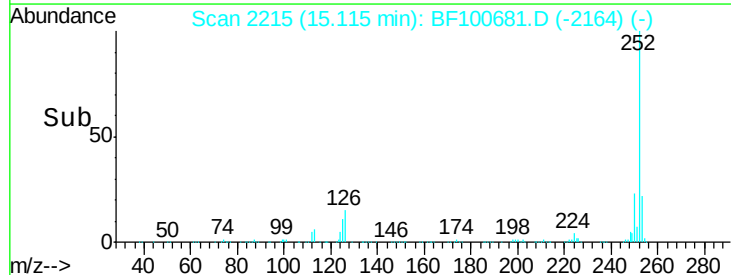
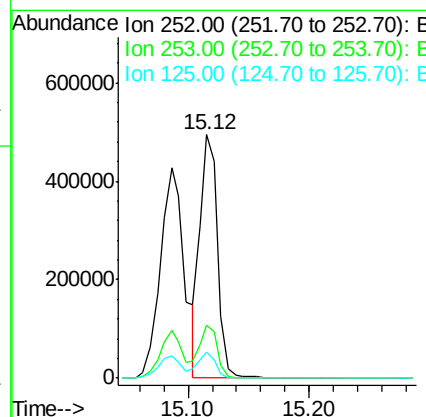
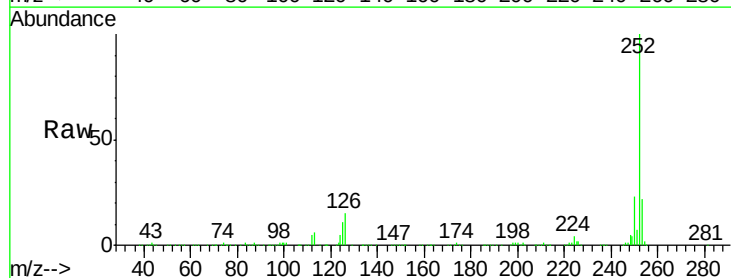
Instrument :
BNA_F
ClientSampleId :
PB104282BS

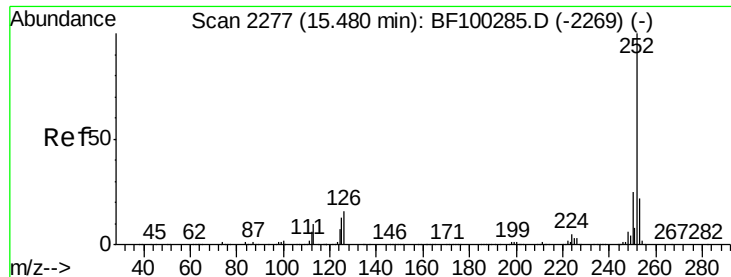
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 43.21 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 48.42 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

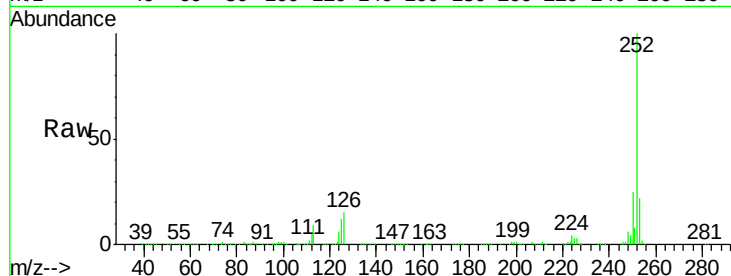
Tgt Ion: 252 Resp: 524180

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

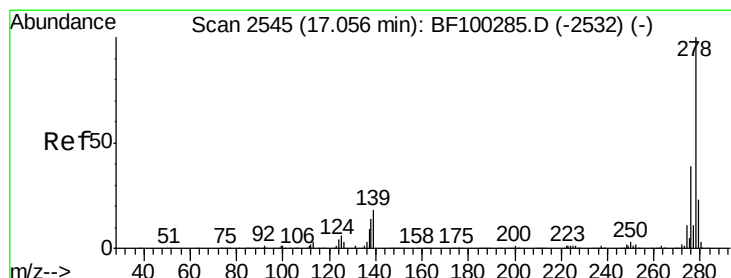
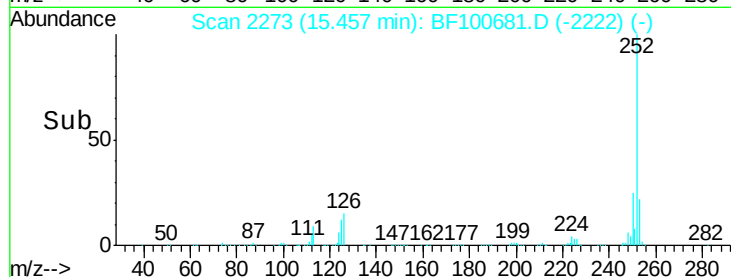
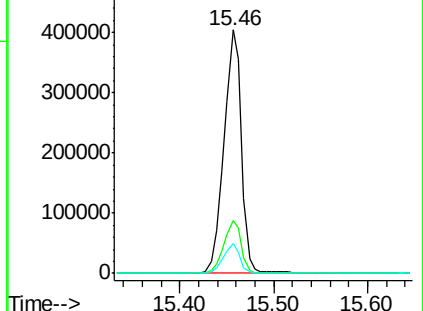
125 12.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.58 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

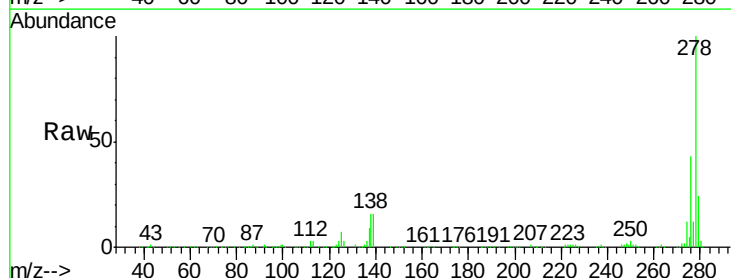
Tgt Ion: 278 Resp: 500897

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

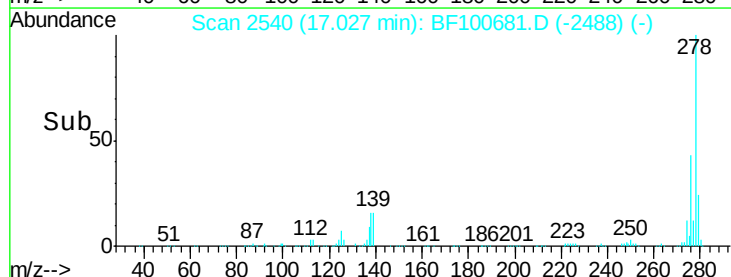
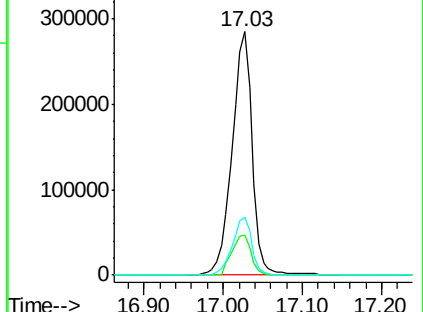
279 23.8 19.0 28.4

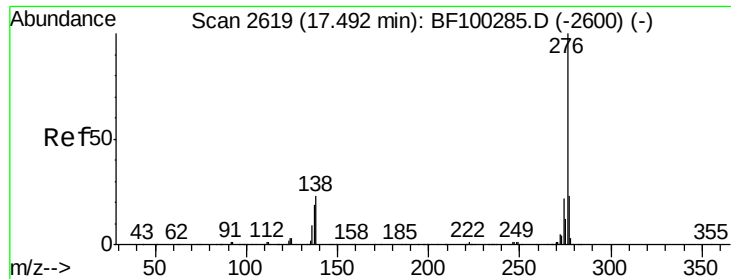


Abundance Ion 278.00 (277.70 to 278.70): E

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: 60.51 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

Tgt Ion: 276 Resp: 524388

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 22.8 21.8 32.8

