

Data File : BF100740.D
Acq On : 20 Nov 2017 19:53
Operator : SJ/JU
Sample : I6521-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Quant Time: Nov 21 03:29:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100589	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	398771	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	186019	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	361498	20.00	ng	0.00
75) Chrysene-d12	14.03	240	231594	20.00	ng	-0.01
86) Perylene-d12	15.50	264	198974	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	649003	103.43	ng	0.00
7) Phenol-d6	6.50	99	792566	102.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	493538	81.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	226652	119.57	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	947823	77.59	ng	-0.01
78) Terphenyl-d14	12.98	244	899051	89.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	84797	27.73	ng	96
3) Pyridine	3.47	79	239154	28.66	ng	96
4) n-Nitrosodimethylamine	3.43	42	119498	29.50	ng	# 98
6) Aniline	6.54	93	227276	20.79	ng	99
8) 2-Chlorophenol	6.66	128	257025	38.72	ng	100
9) Benzaldehyde	6.42	77	89536	16.20	ng	93
10) Phenol	6.52	94	324868	39.99	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	231683	33.96	ng	97
12) 1,3-Dichlorobenzene	6.82	146	280770	36.68	ng	97
13) 1,4-Dichlorobenzene	6.89	146	285831	36.90	ng	96
14) 1,2-Dichlorobenzene	7.05	146	269783	37.67	ng	96
15) Benzyl Alcohol	7.02	79	220456	36.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	410737	37.64	ng	98
17) 2-Methylphenol	7.12	107	218042	38.44	ng	98
18) Hexachloroethane	7.38	117	94143	36.86	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	173695	32.37	ng	96
20) 3+4-Methylphenols	7.27	107	269299	37.51	ng	# 85
22) Acetophenone	7.28	105	341801	35.15	ng	96
24) Nitrobenzene	7.46	77	258784	41.69	ng	96
25) Isophorone	7.69	82	484652	38.24	ng	99
26) 2-Nitrophenol	7.77	139	146320	50.02	ng	94
27) 2,4-Dimethylphenol	7.80	122	244340	43.00	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	308714	37.24	ng	99
29) 2,4-Dichlorophenol	8.01	162	233524	43.05	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	235681	40.17	ng	94
31) Naphthalene	8.17	128	735622	38.30	ng	99
32) Benzoic acid	7.87	122	18565	12.80	ng	97
33) 4-Chloroaniline	8.22	127	89185	11.16	ng	96
34) Hexachlorobutadiene	8.29	225	133886	38.38	ng	99
35) Caprolactam	8.60	113	37016	19.89	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	238107	40.87	ng	96
37) 2-Methylnaphthalene	8.87	142	507640	39.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233693	37.88	ng	97
40) Hexachlorocyclopentadiene	9.02	237	229766	79.13	ng	100

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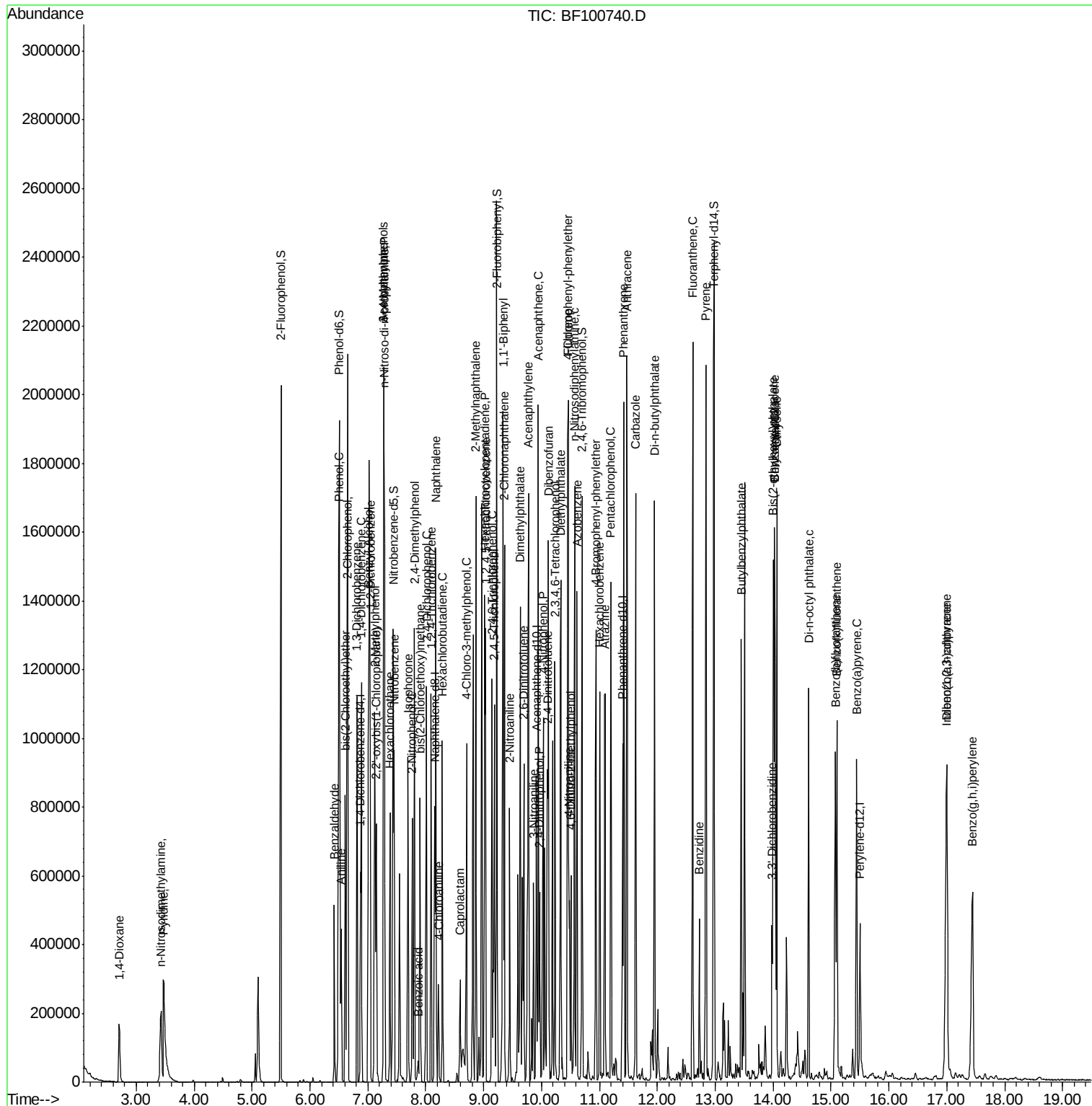
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42) 2,4,6-Trichlorophenol	9.15	196	174500	44.63	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	181056	44.69	ng #	92
45) 1,1'-Biphenyl	9.33	154	605187	37.62	ng	98
46) 2-Chloronaphthalene	9.36	162	483237	41.40	ng	96
47) 2-Nitroaniline	9.45	65	146687	42.85	ng	98
48) Acenaphthylene	9.77	152	737032	38.10	ng	100
49) Dimethylphthalate	9.63	163	632198	44.51	ng	100
50) 2,6-Dinitrotoluene	9.70	165	127638	45.40	ng #	85
51) Acenaphthene	9.95	154	450174	38.27	ng	100
52) 3-Nitroaniline	9.86	138	88993	26.81	ng	94
53) 2,4-Dinitrophenol	9.97	184	72601	65.17	ng #	15
54) Dibenzofuran	10.12	168	663385	40.23	ng	99
55) 4-Nitrophenol	10.03	139	206218	76.50	ng	90
56) 2,4-Dinitrotoluene	10.10	165	171121	48.25	ng #	80
57) Fluorene	10.46	166	530747	43.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	147621	44.46	ng #	85
59) Diethylphthalate	10.33	149	536720	37.76	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	240471	40.58	ng	91
61) 4-Nitroaniline	10.48	138	138158	43.89	ng	87
62) Azobenzene	10.61	77	477030	35.64	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	82633	45.76	ng	75
65) n-Nitrosodiphenylamine	10.57	169	481180	38.28	ng	97
66) 4-Bromophenyl-phenylether	10.94	248	156971	40.51	ng #	88
67) Hexachlorobenzene	11.01	284	162817	40.17	ng #	81
68) Atrazine	11.10	200	154047	40.49	ng	96
69) Pentachlorophenol	11.20	266	185831	63.94	ng	96
70) Phenanthrene	11.42	178	764980	40.19	ng	98
71) Anthracene	11.47	178	837927	43.39	ng	100
72) Carbazole	11.63	167	700351	39.31	ng	98
73) Di-n-butylphthalate	11.95	149	820534	39.35	ng	99
74) Fluoranthene	12.61	202	1002313	49.69	ng	98
76) Benzidine	12.73	184	180752	19.49	ng	98
77) Pyrene	12.84	202	969389	58.72	ng	100
79) Butylbenzylphthalate	13.45	149	304267	45.19	ng #	90
80) Benzo(a)anthracene	14.02	228	653495	46.86	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	98206	19.65	ng #	97
82) Chrysene	14.06	228	597919	44.27	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	389303	43.96	ng	99
84) Di-n-octyl phthalate	14.62	149	539915	35.49	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	582614	53.33	ng	94
87) Benzo(b)fluoranthene	15.07	252	497634	42.21	ng	99
88) Benzo(k)fluoranthene	15.10	252	461465	41.43	ng	98
89) Benzo(a)pyrene	15.44	252	475103	45.46	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	446411	52.23	ng	97
91) Benzo(g,h,i)perylene	17.44	276	514053	61.44	ng	93

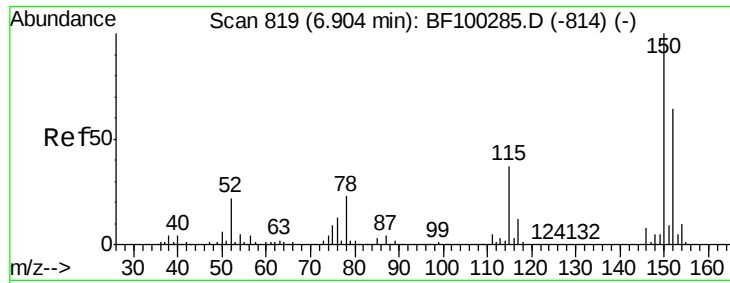
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ALS Vial : 8 Sample Multiplier: 1

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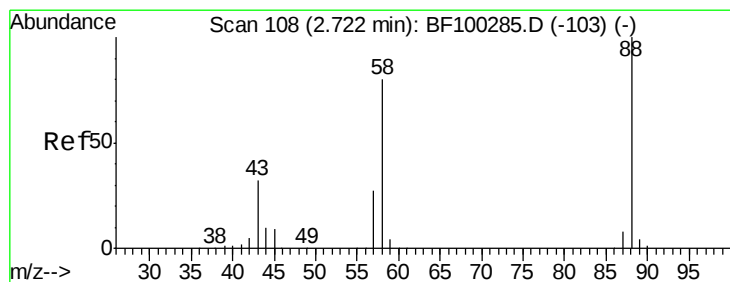
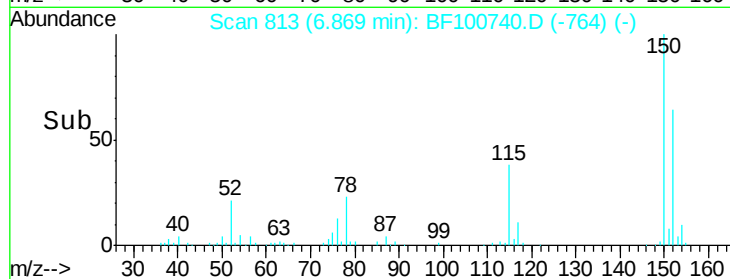
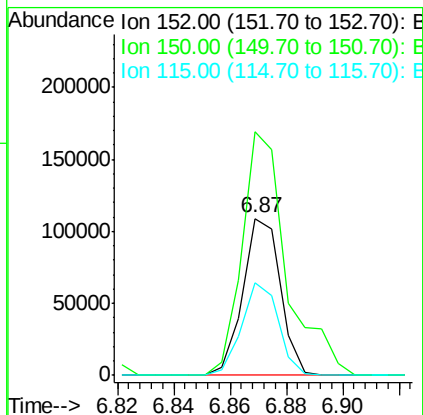
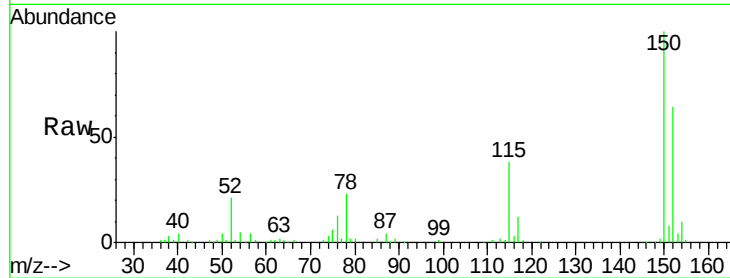


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100740.D
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ClientSampleId :
MH-(0-12)MS

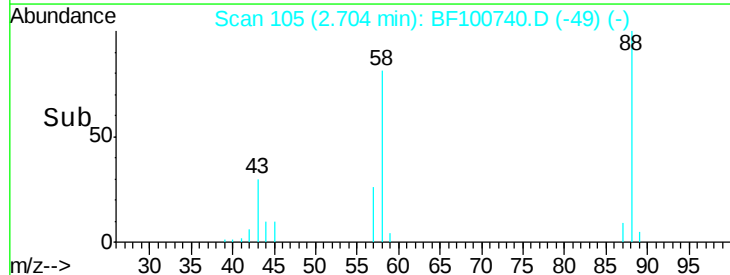
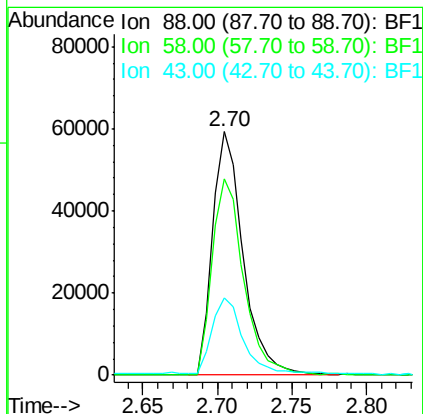
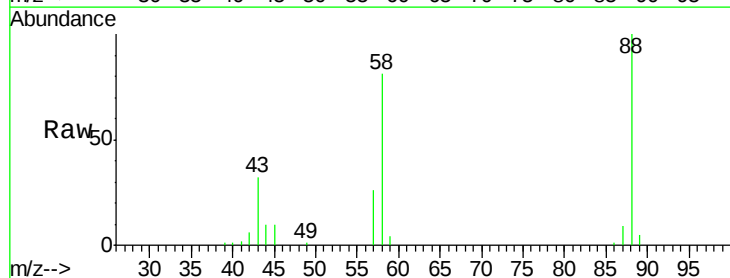
Tgt Ion:152 Resp: 100589
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.9 50.1 75.1

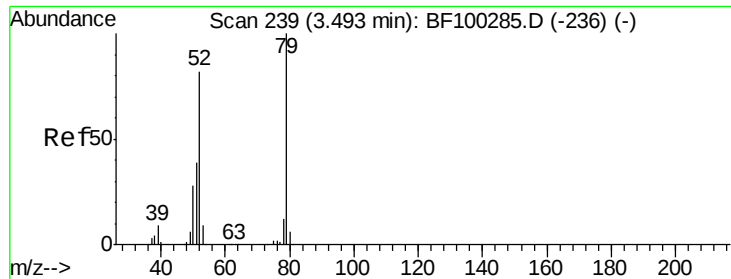


#2

1,4-Dioxane
Concen: 27.73 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.03 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion: 88 Resp: 84797
Ion Ratio Lower Upper
88 100
58 83.1 62.6 93.8
43 31.2 24.6 37.0

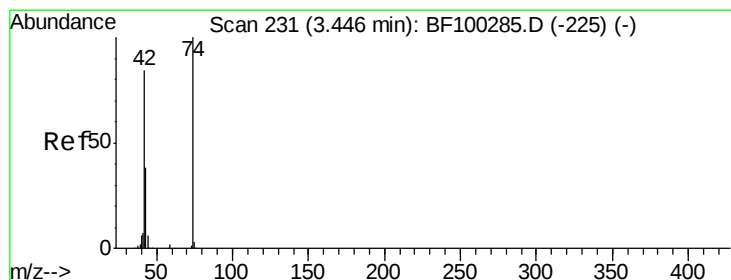
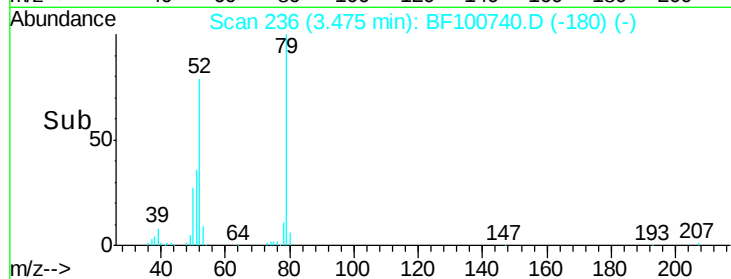
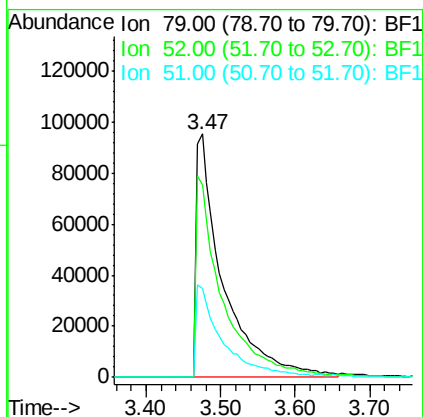
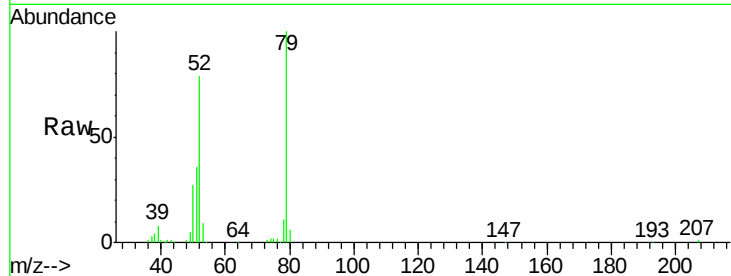




#3
 Pyridine
 Concen: 28.66 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.03 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

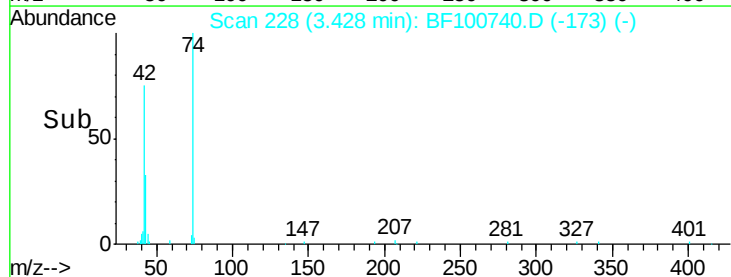
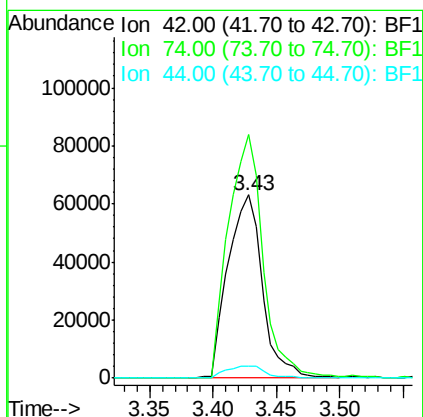
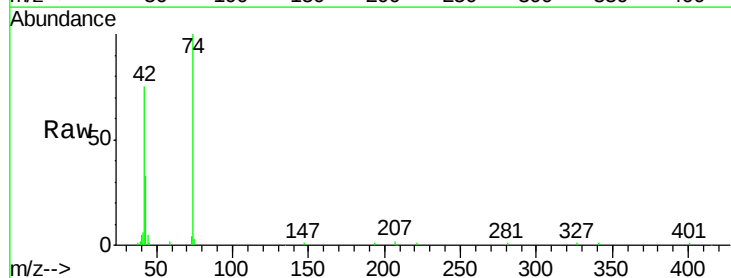
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

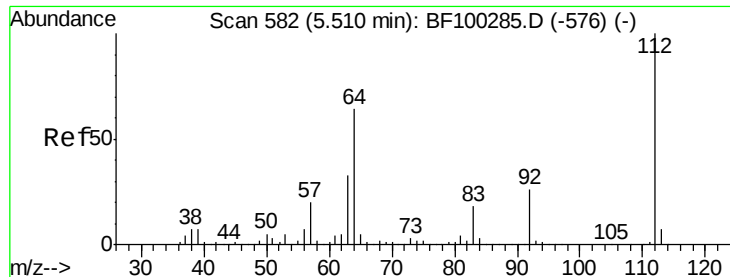
Tgt Ion: 79 Resp: 239154
 Ion Ratio Lower Upper
 79 100
 52 79.0 59.8 89.6
 51 36.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.50 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.02 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion: 42 Resp: 119498
 Ion Ratio Lower Upper
 42 100
 74 132.9 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.43 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

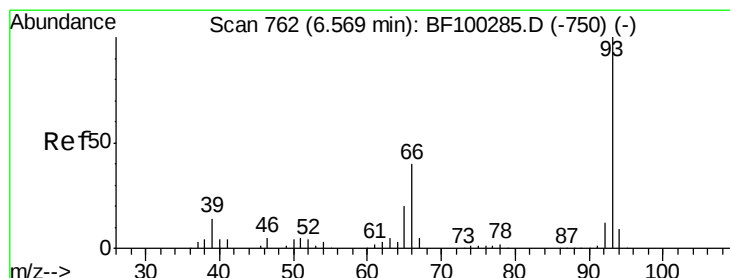
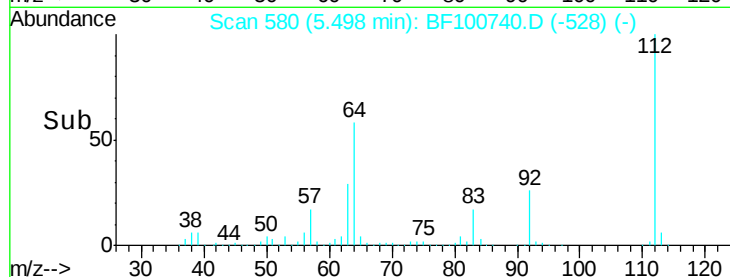
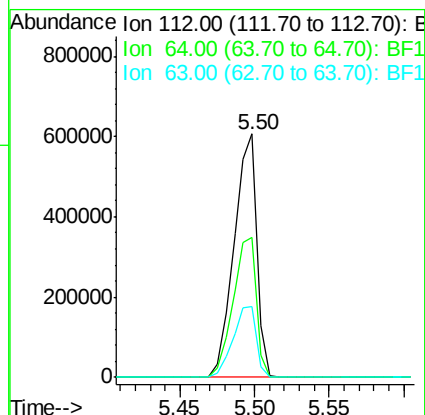
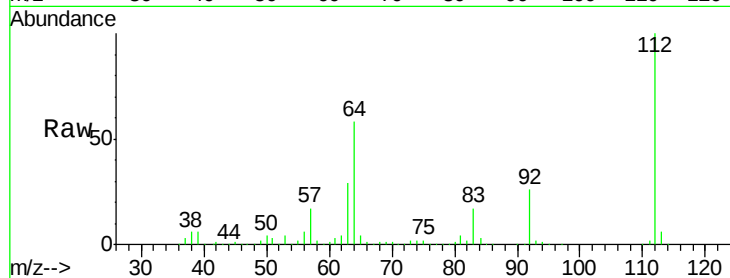
Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tgt Ion:	112	Resp:	649003
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.0	23.7	35.5



#6

Aniline

Concen: 20.79 ng

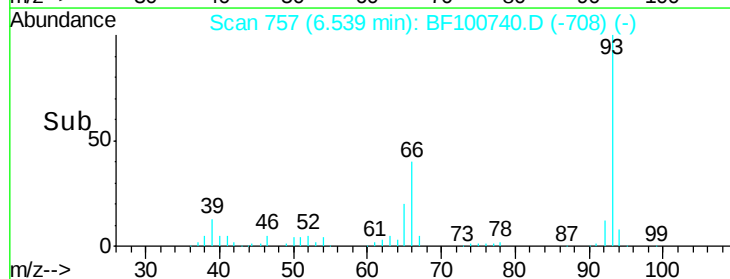
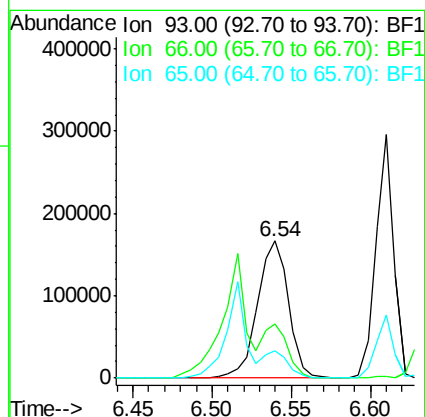
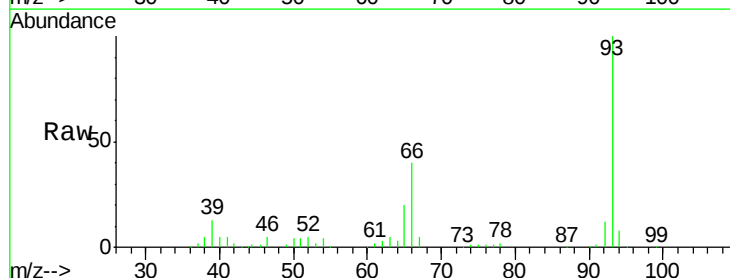
RT: 6.54 min Scan# 757

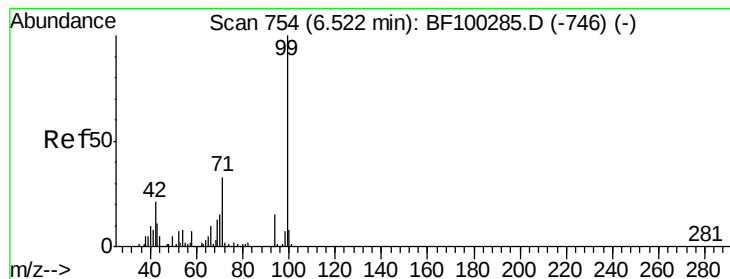
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	93	Resp:	227276
Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 102.42 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

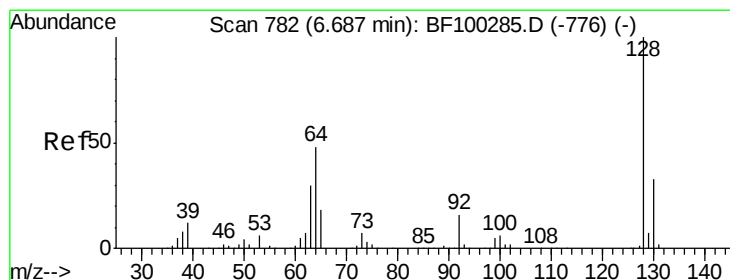
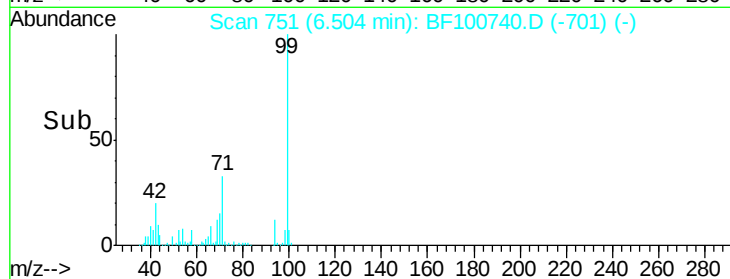
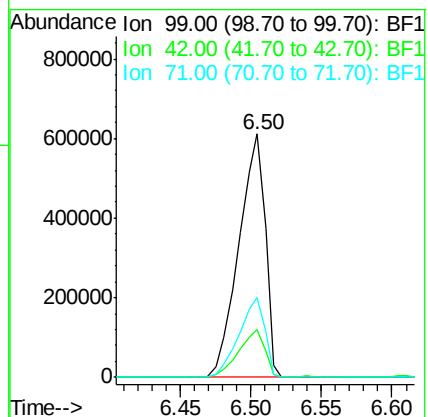
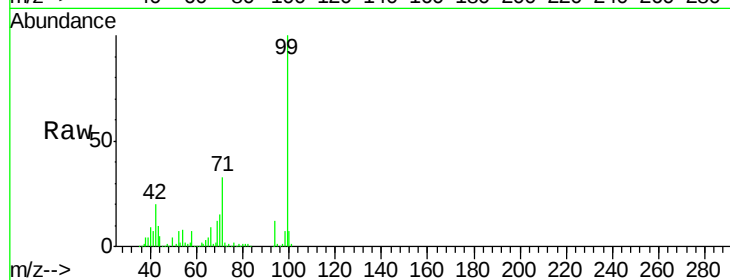
Tgt Ion: 99 Resp: 792566

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.9 25.4 38.0



#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

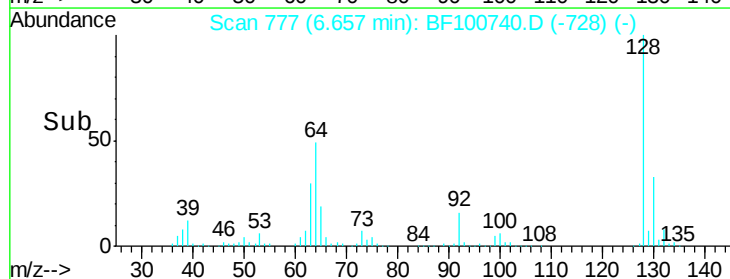
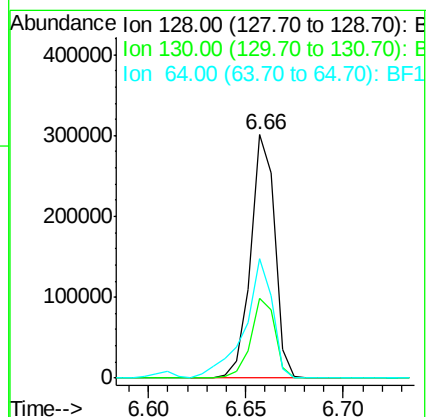
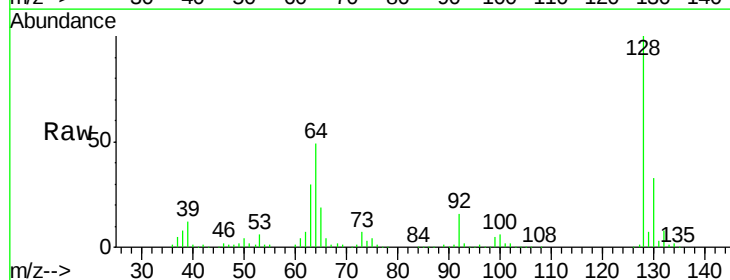
Tgt Ion: 128 Resp: 257025

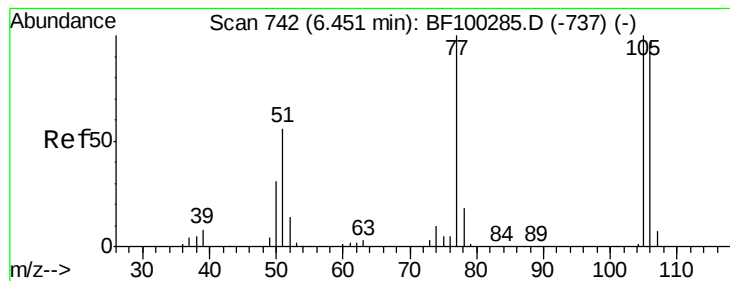
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 49.0 29.4 69.4





#9

Benzaldehyde

Concen: 16.20 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

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BNA_F

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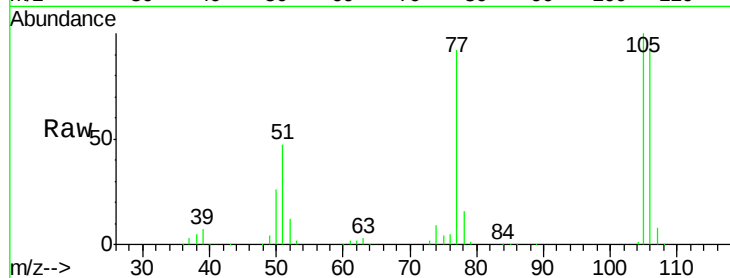
Tgt Ion: 77 Resp: 89536

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

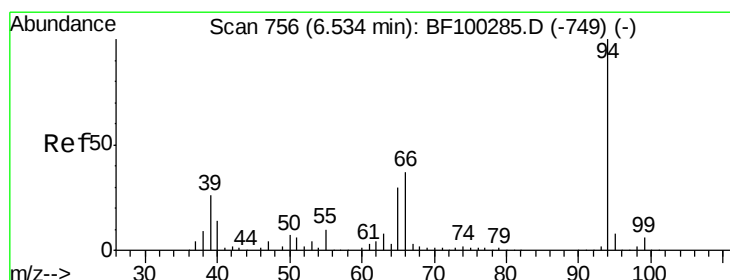
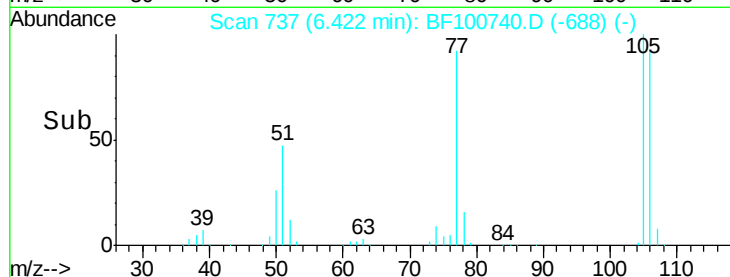
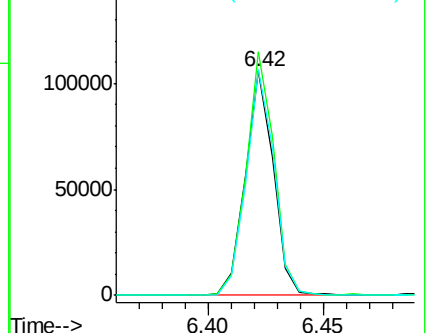
106 100.8 74.5 114.5



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: 39.99 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

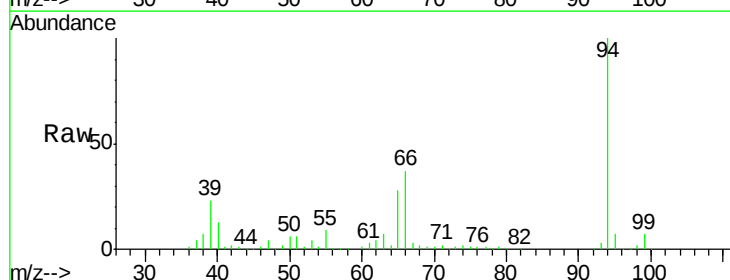
Tgt Ion: 94 Resp: 324868

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

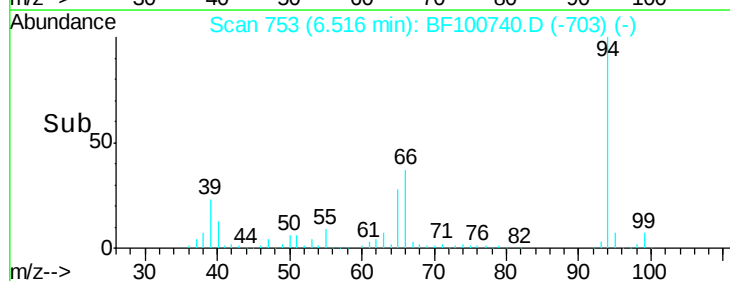
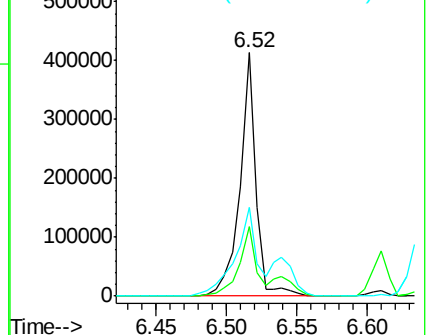
66 36.5 16.2 56.2

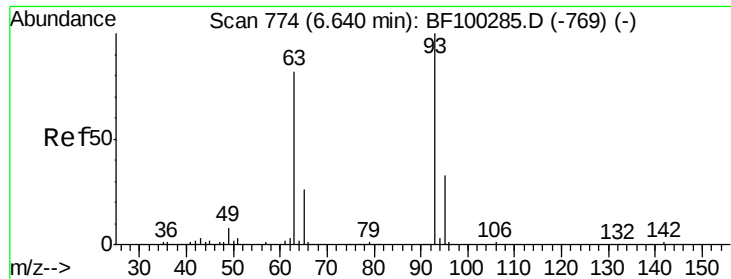


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

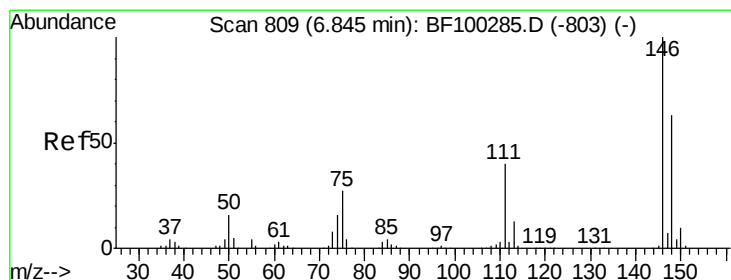
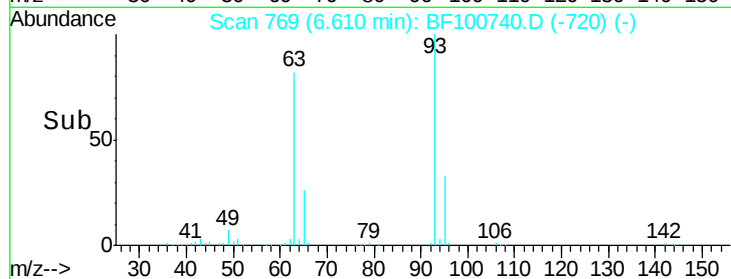
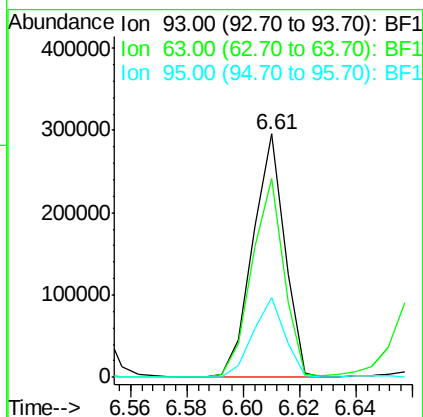
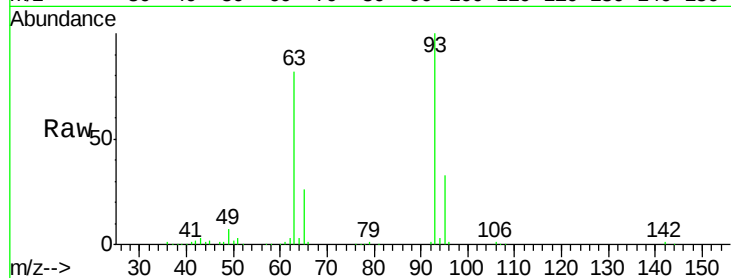




#11
 bis(2-Chloroethyl)ether
 Concen: 33.96 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

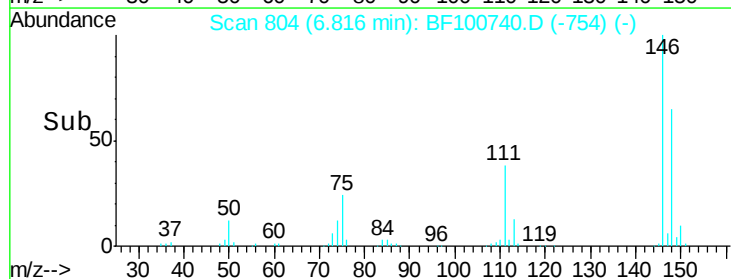
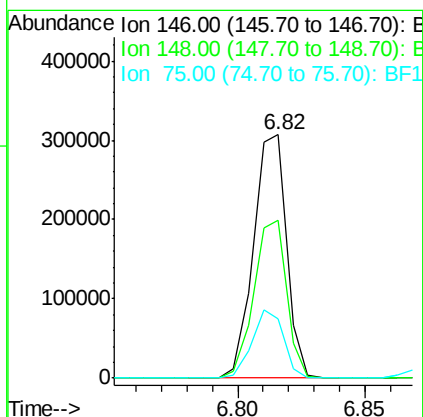
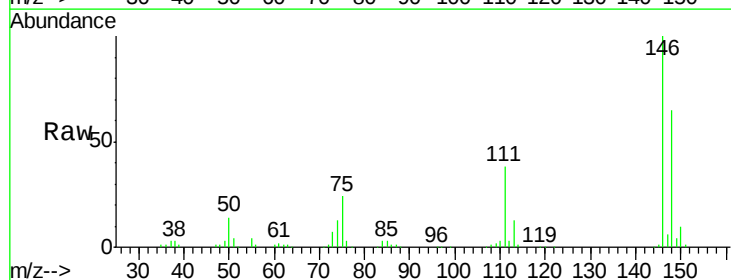
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

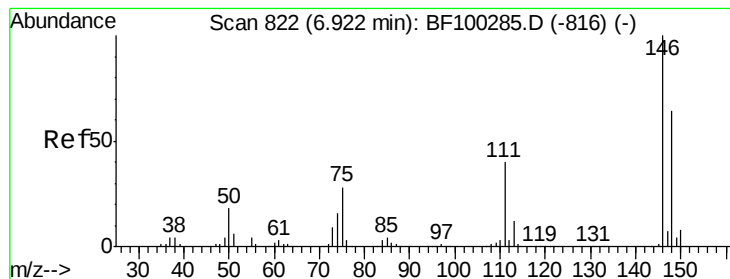
Tgt Ion:	93	Resp:	231683
Ion	Ratio	Lower	Upper
93	100		
63	81.9	58.6	98.6
95	33.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.68 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:	146	Resp:	280770
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	24.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

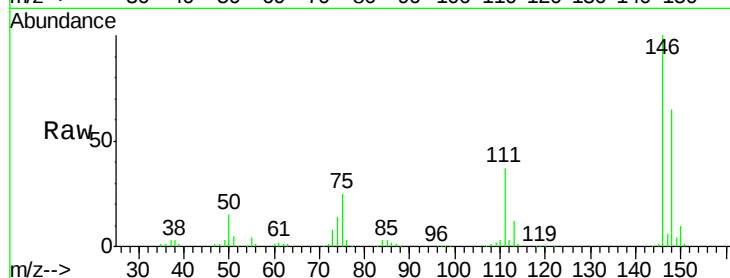
Tgt Ion:146 Resp: 285831

Ion Ratio Lower Upper

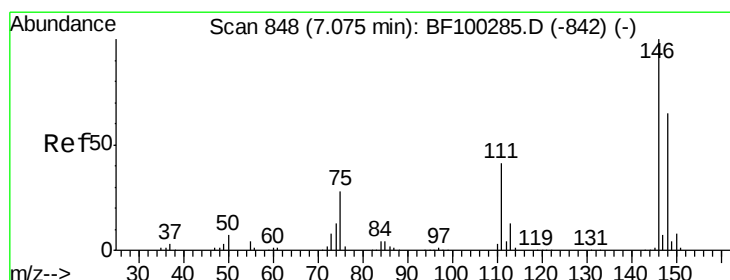
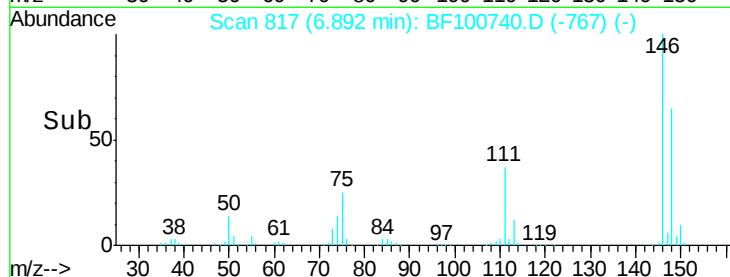
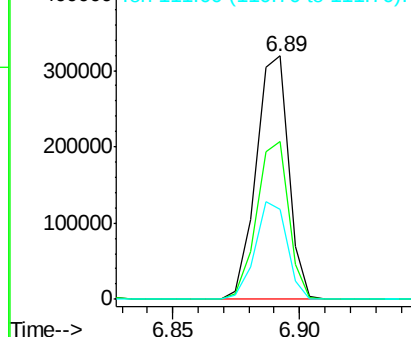
146 100

148 64.7 50.8 76.2

111 37.2 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 37.67 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

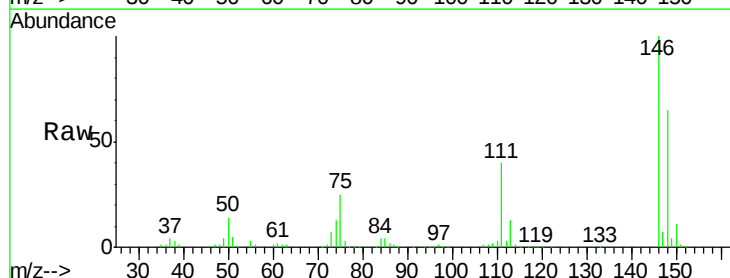
Tgt Ion:146 Resp: 269783

Ion Ratio Lower Upper

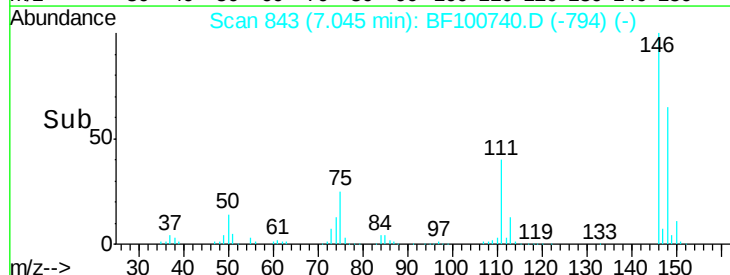
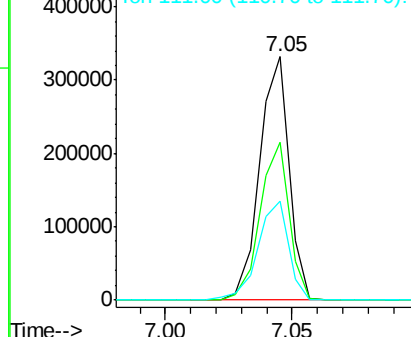
146 100

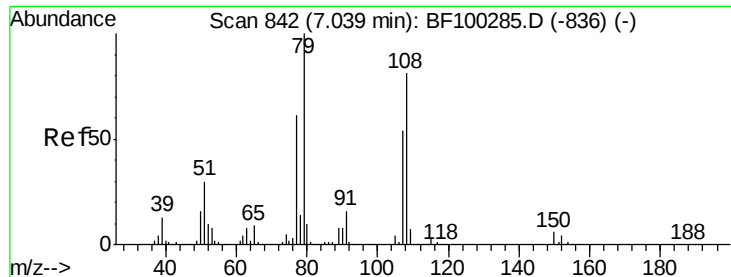
148 64.8 50.6 75.8

111 40.4 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: 36.50 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

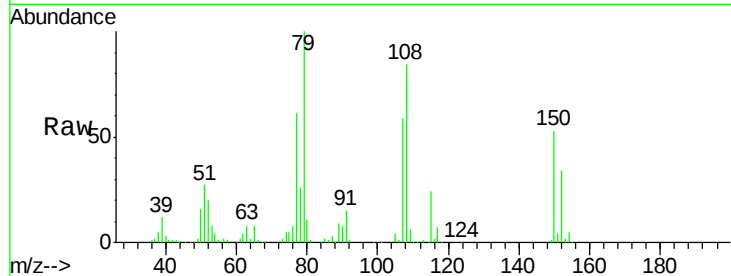
Tgt Ion: 79 Resp: 220456

Ion Ratio Lower Upper

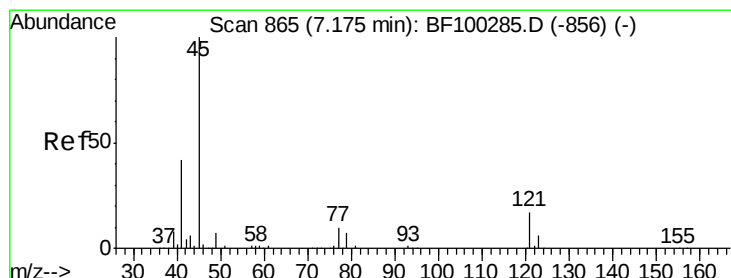
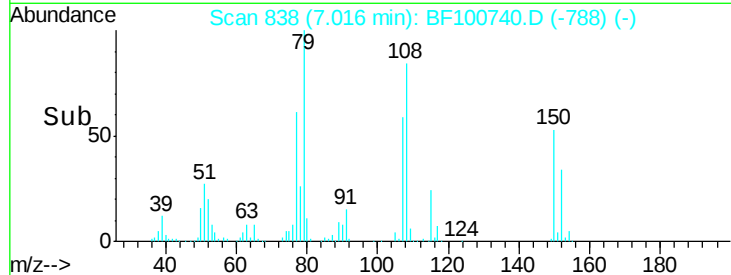
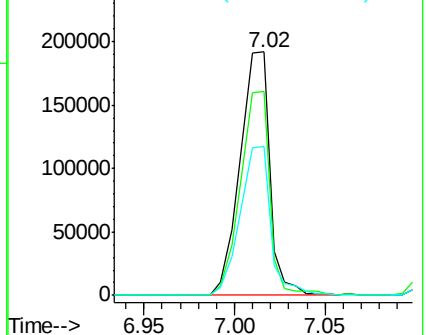
79 100

108 83.9 65.1 97.7

77 61.0 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: 37.64 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

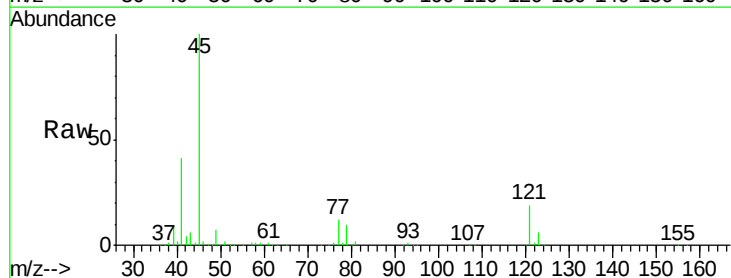
Tgt Ion: 45 Resp: 410737

Ion Ratio Lower Upper

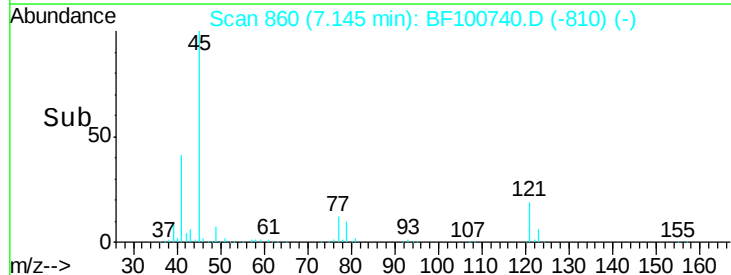
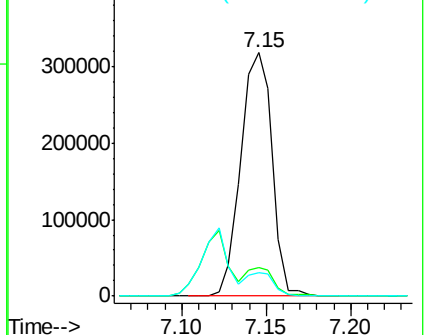
45 100

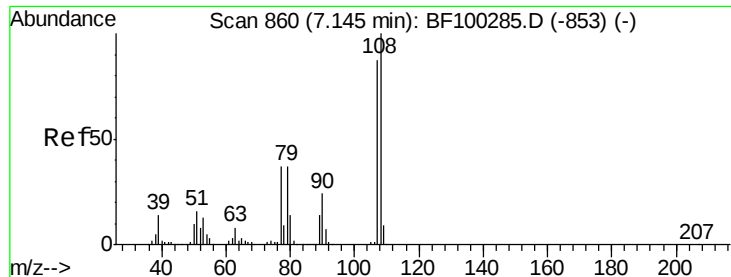
77 11.9 0.0 32.9

79 9.7 0.0 29.6



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





#17

2-Methylphenol

Concen: 38.44 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tgt Ion:107 Resp: 218042

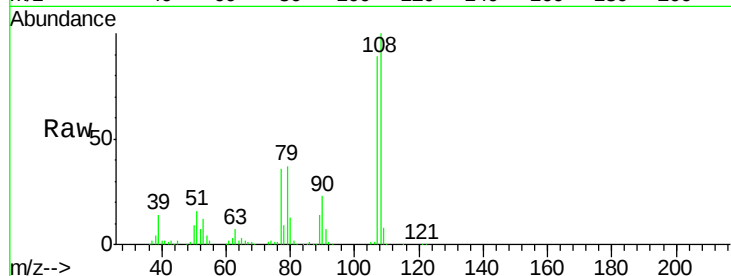
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 40.6 33.8 50.8

79 42.2 33.8 50.8

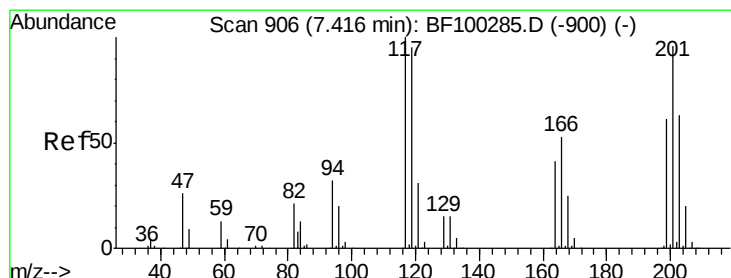
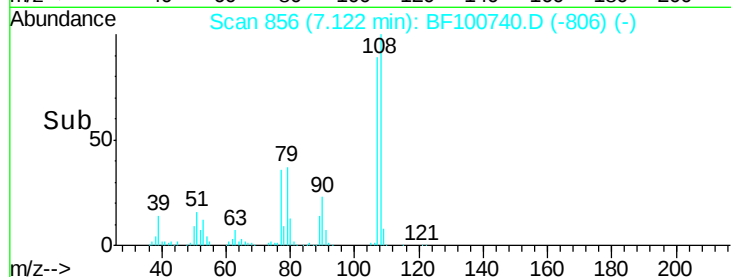
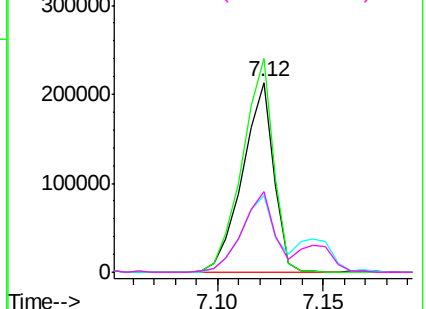


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.86 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

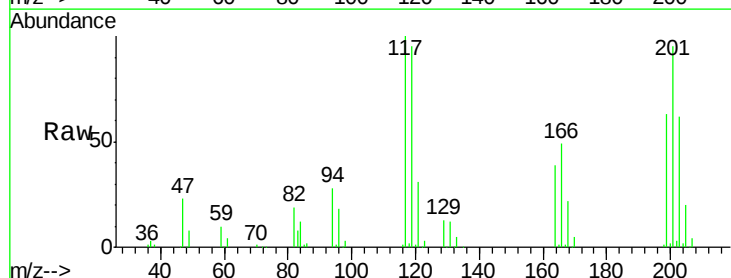
Tgt Ion:117 Resp: 94143

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

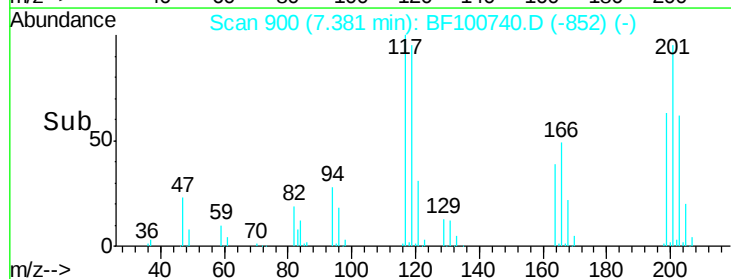
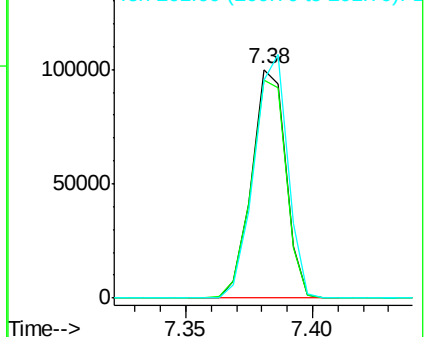
201 95.2 75.7 113.5

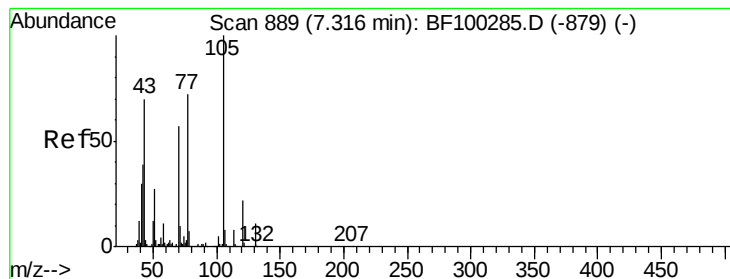


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.37 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tgt Ion: 70 Resp: 173695

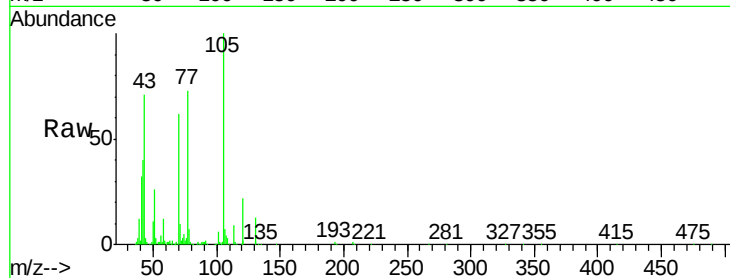
Ion Ratio Lower Upper

70 100

42 63.5 47.5 71.3

101 9.2 7.4 11.2

130 20.7 16.6 25.0

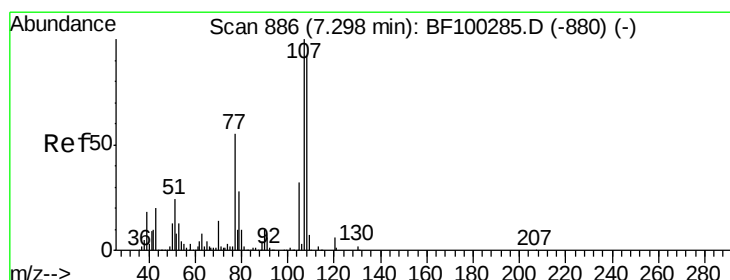
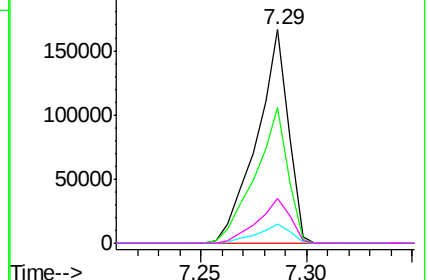
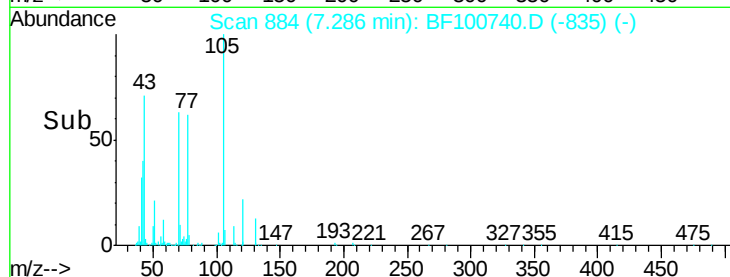


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.51 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion: 107 Resp: 269299

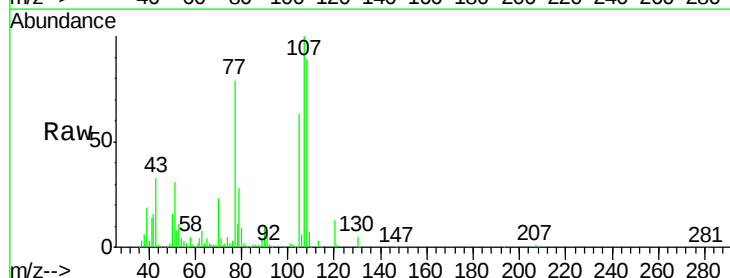
Ion Ratio Lower Upper

107 100

108 89.4 68.2 108.2

77 79.0 26.7 66.7#

79 27.8 6.3 46.3

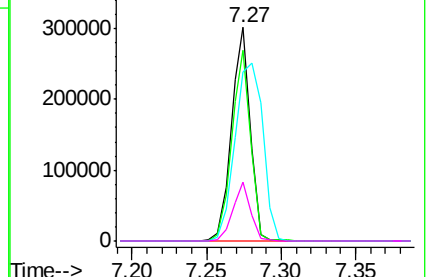
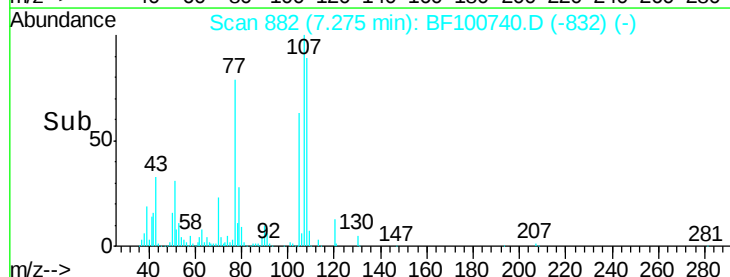


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

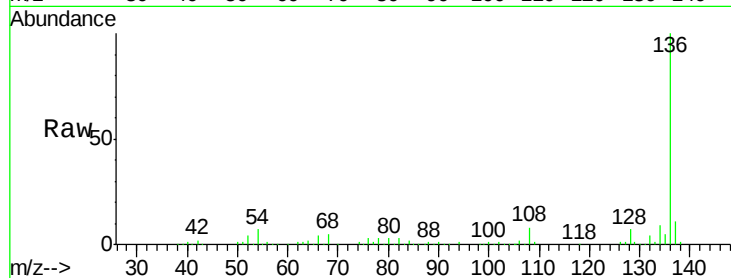




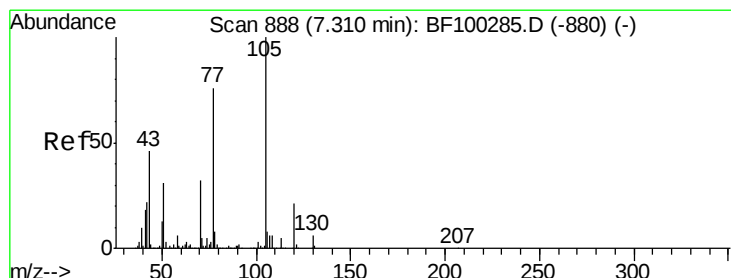
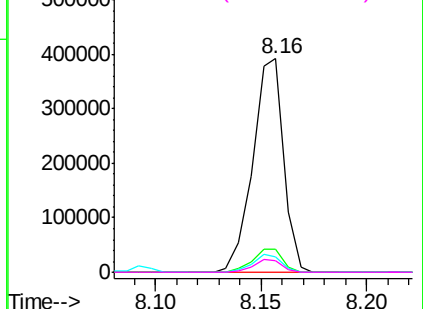
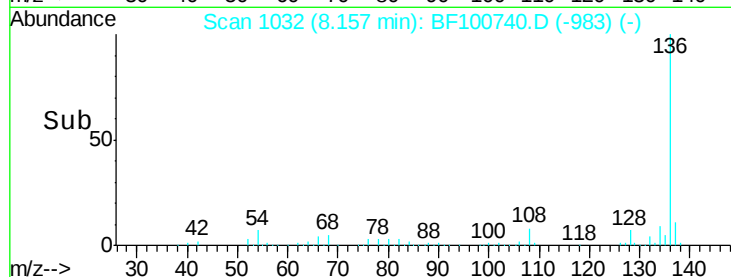
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tgt Ion:	136	Resp:	398771
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.9	6.6	9.8
68	5.2	5.0	7.4

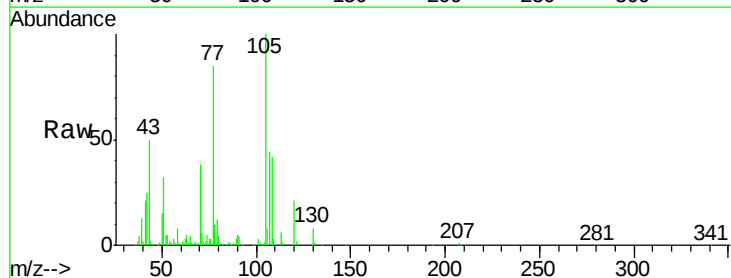


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

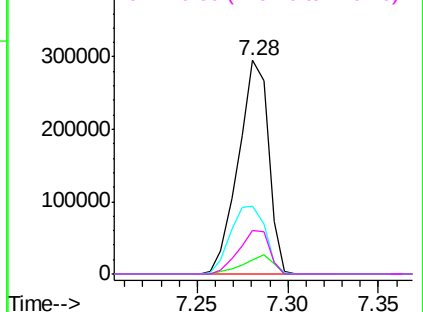
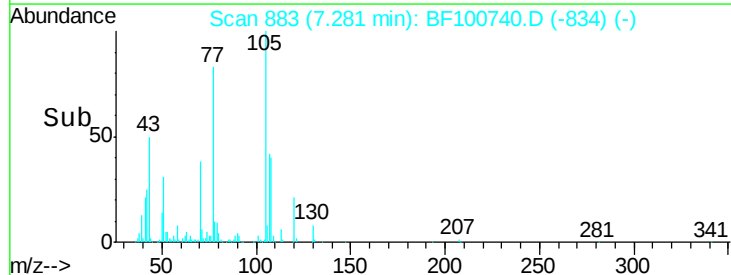


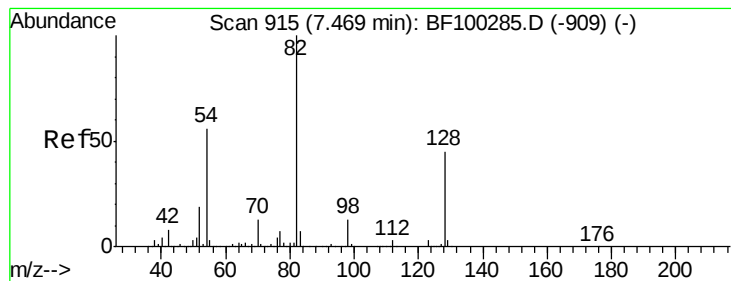
#22
Acetophenone
Concen: 35.15 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:	105	Resp:	341801
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	31.6	22.3	33.5
120	20.6	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: 81.83 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

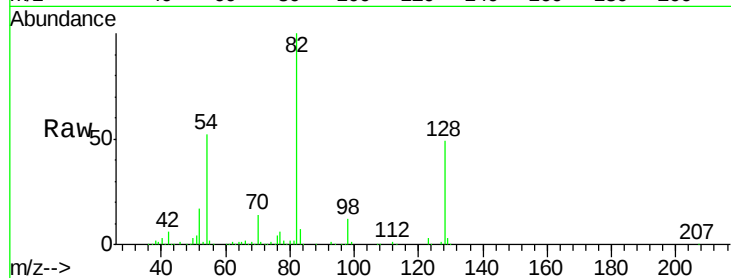
Tgt Ion: 82 Resp: 493538

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

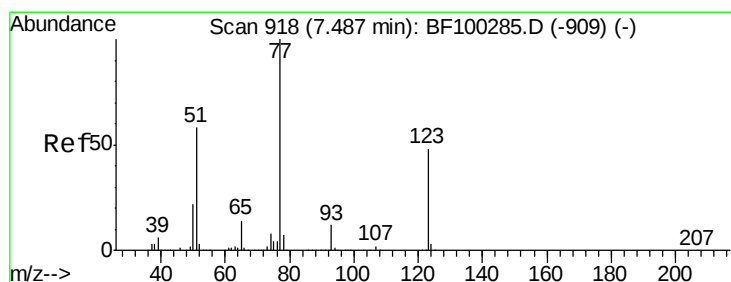
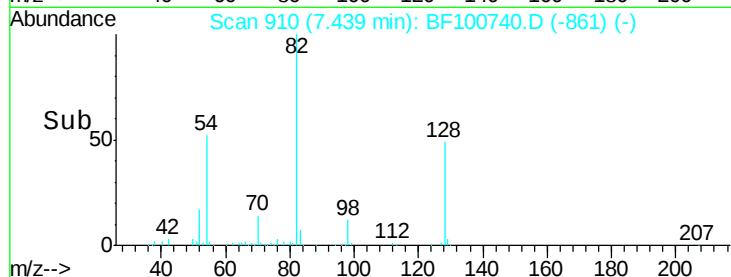
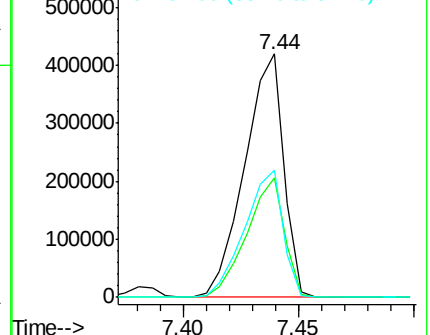
54 52.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.69 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

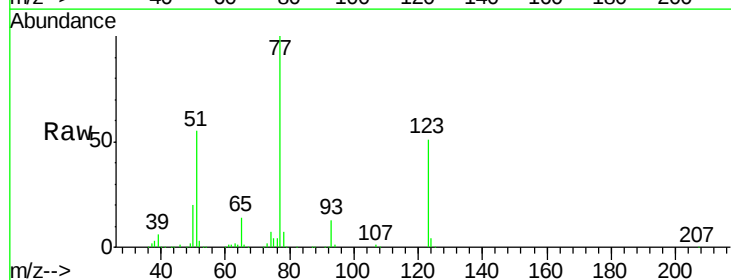
Tgt Ion: 77 Resp: 258784

Ion Ratio Lower Upper

77 100

123 50.9 37.9 56.9

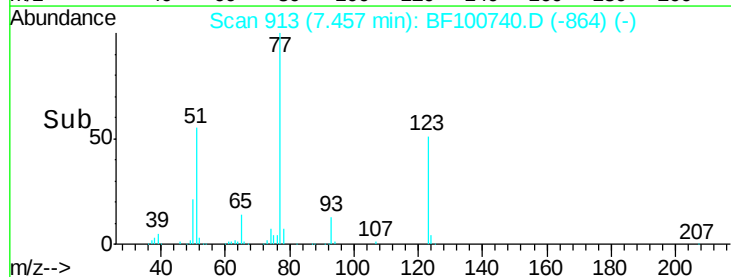
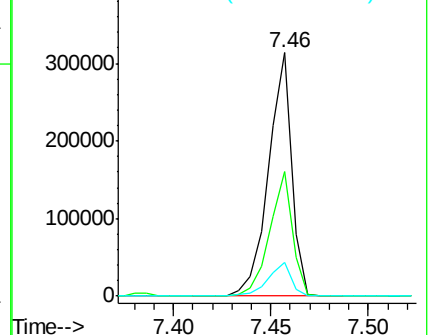
65 13.8 11.0 16.4

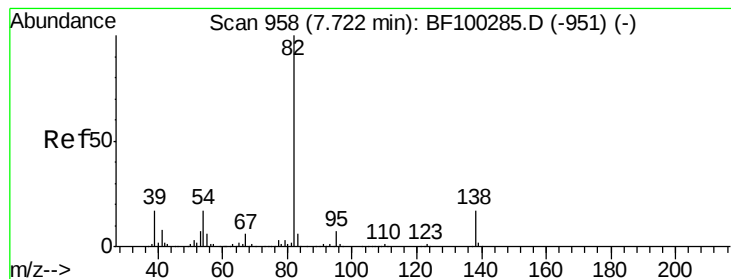


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.24 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

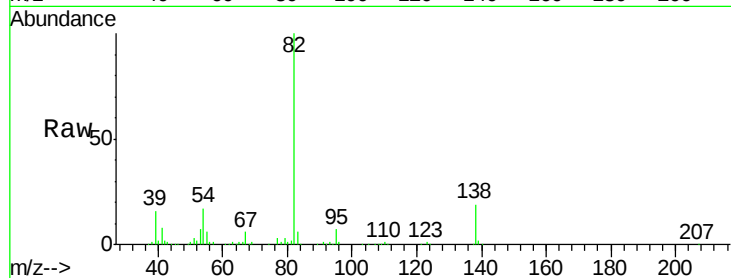
Tgt Ion: 82 Resp: 484652

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

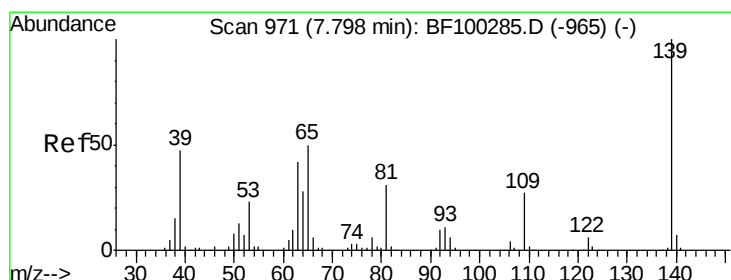
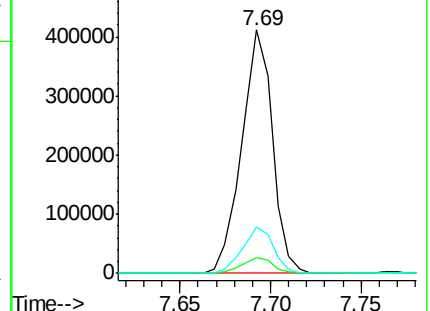
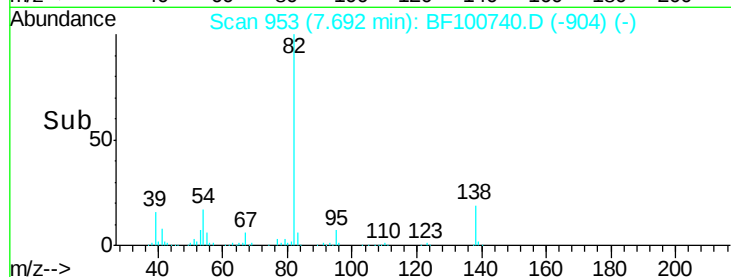
138 19.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.02 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

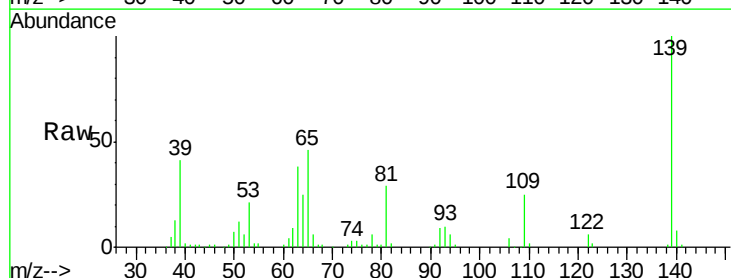
Tgt Ion: 139 Resp: 146320

Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

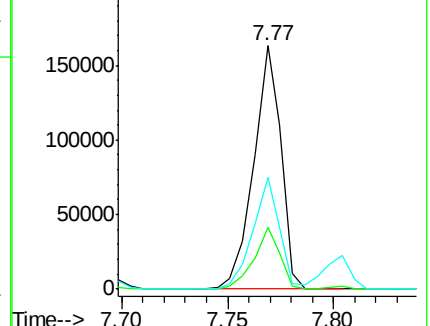
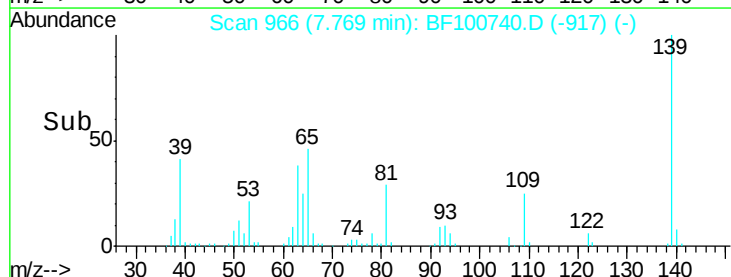
65 46.1 40.5 60.7

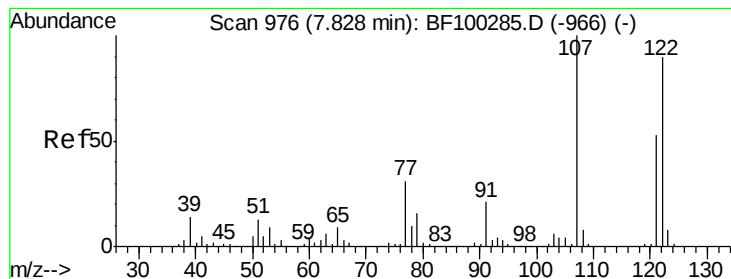


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

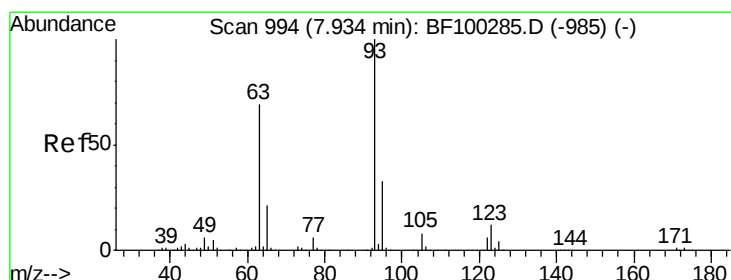
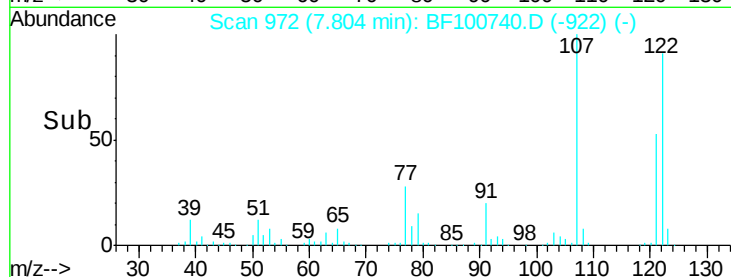
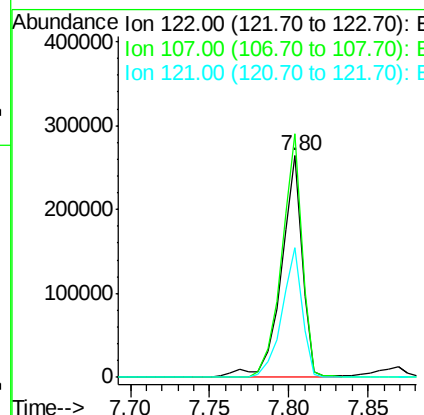
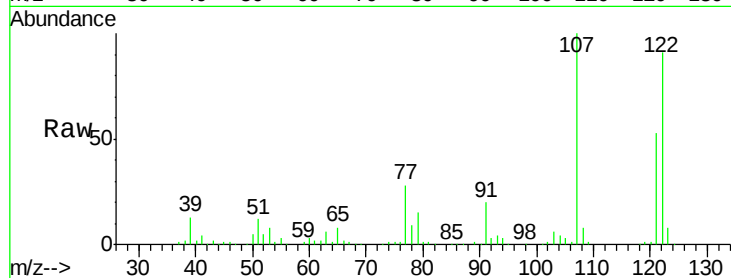




#27
 2,4-Dimethylphenol
 Concen: 43.00 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

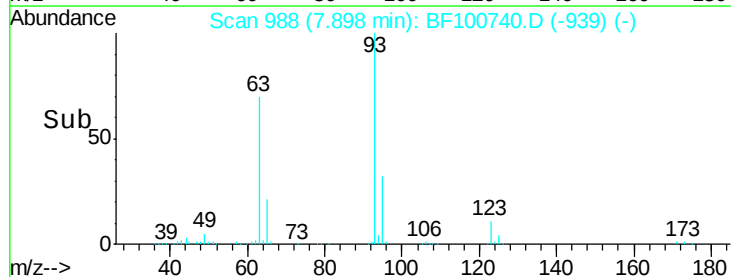
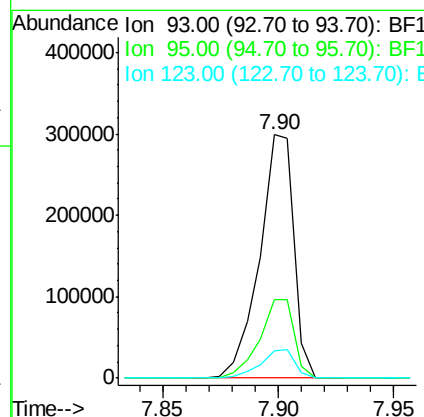
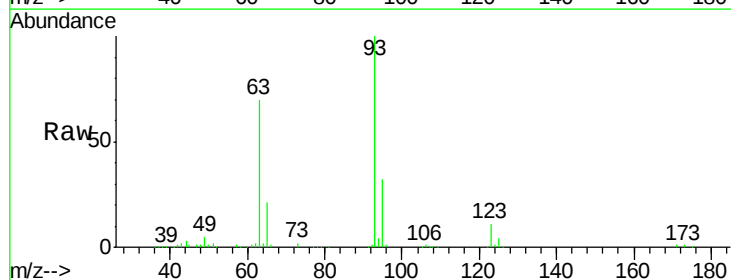
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

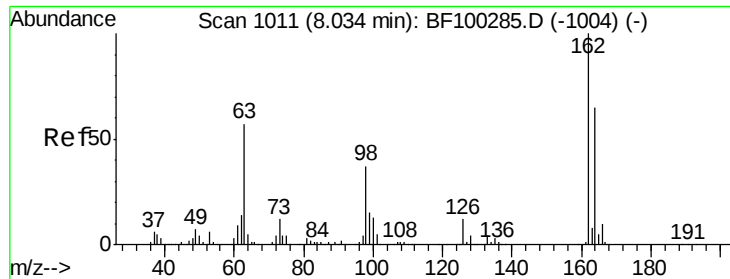
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	91.2	136.8
121	58.5	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.24 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.2	9.8	14.6

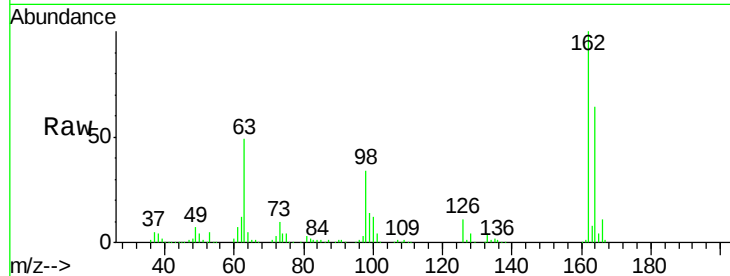




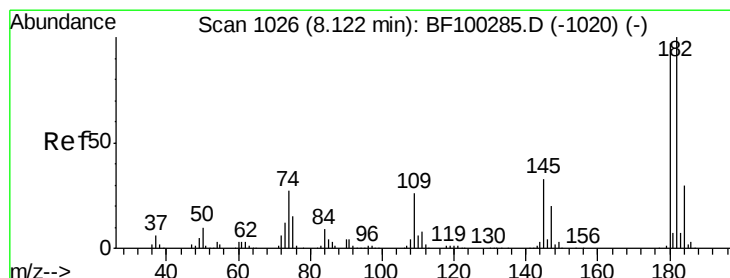
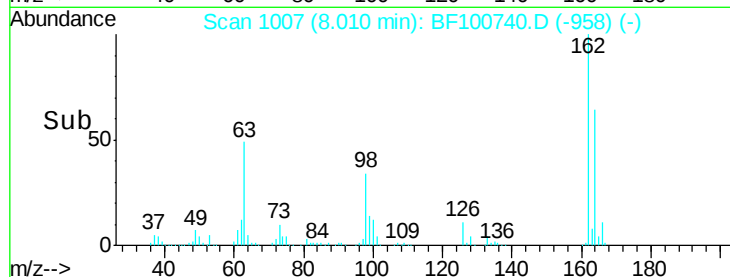
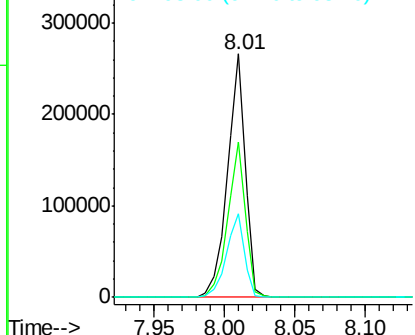
#29
 2,4-Dichlorophenol
 Concen: 43.05 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	34.4	18.1	58.1

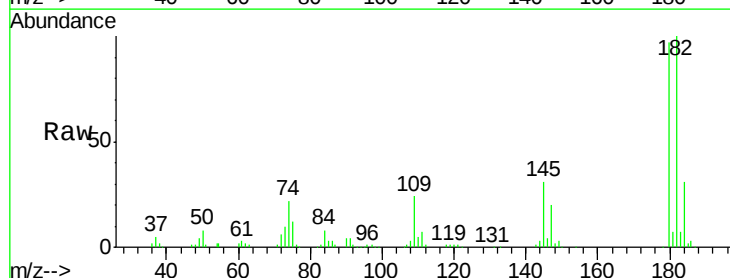


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

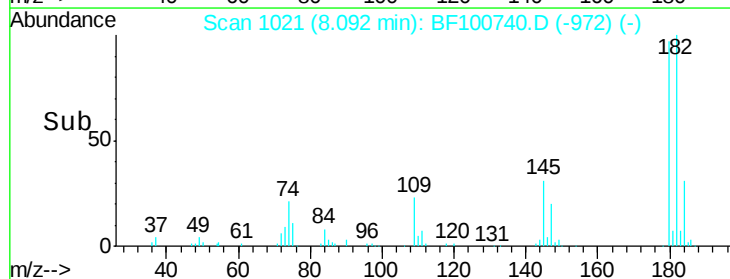
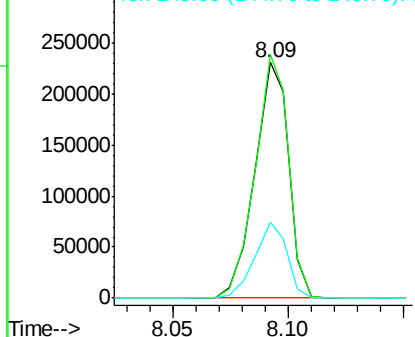


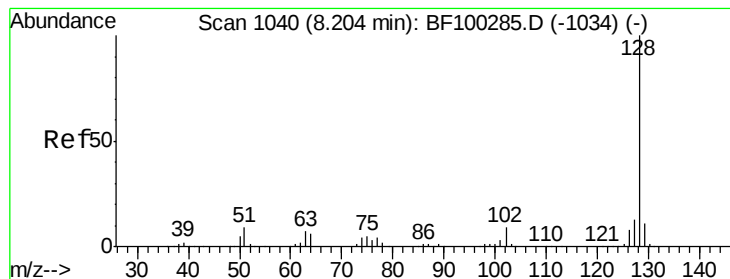
#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.5	76.8	115.2
145	32.4	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: 38.30 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

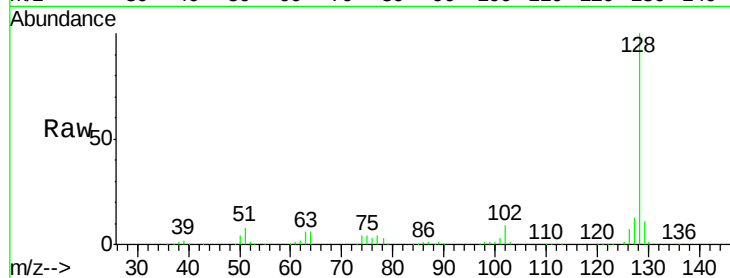
Tgt Ion:128 Resp: 735622

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

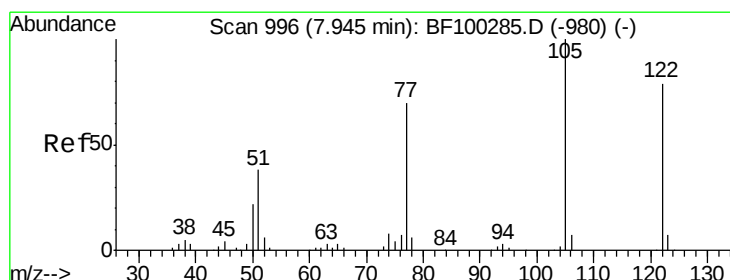
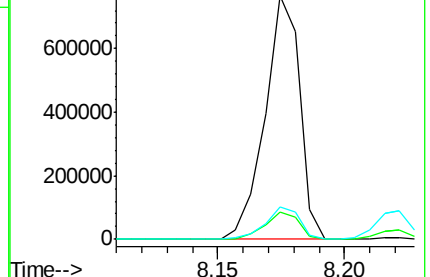
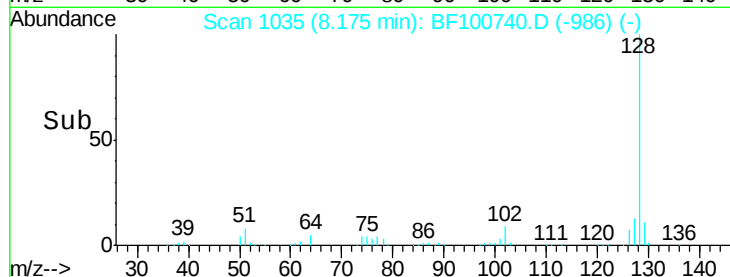
127 13.5 10.9 16.3



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: 12.80 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.06 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

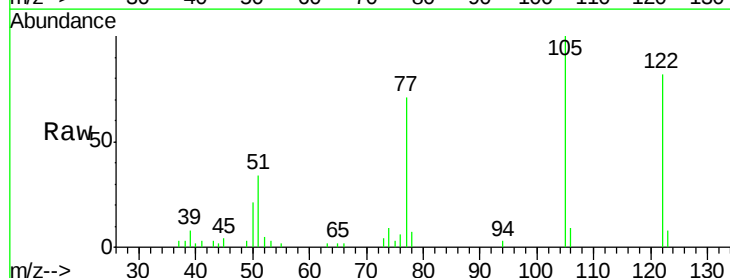
Tgt Ion:122 Resp: 18565

Ion Ratio Lower Upper

122 100

105 122.5 101.1 141.1

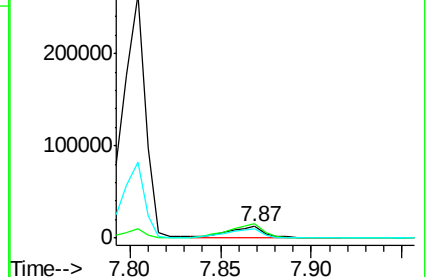
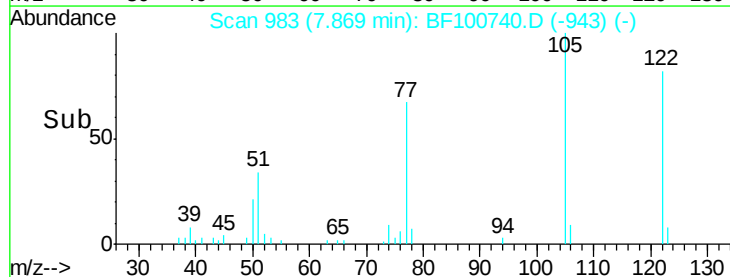
77 86.5 70.7 110.7

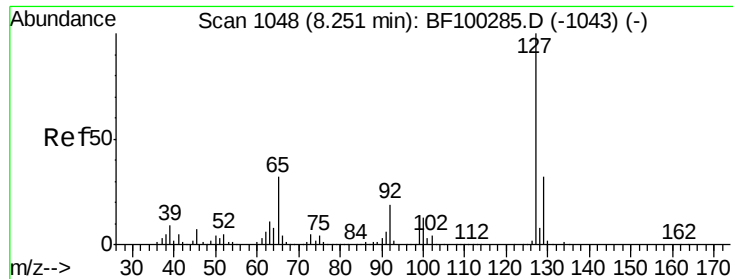


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

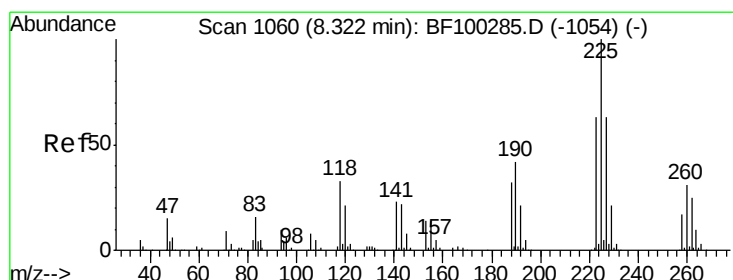
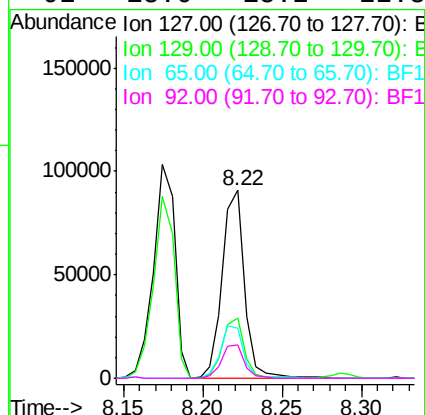
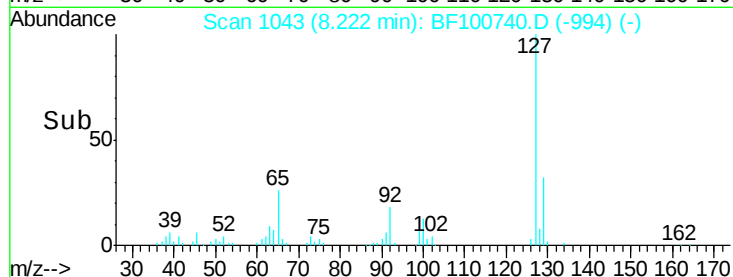
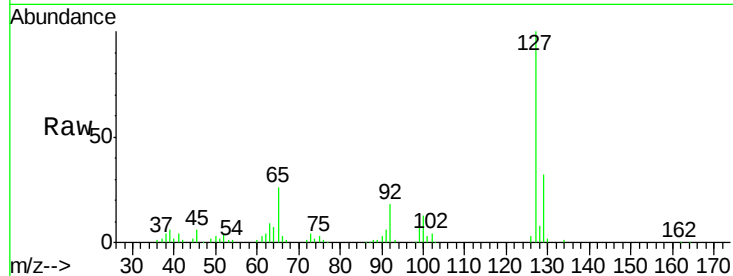




#33
4-Chloroaniline
Concen: 11.16 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

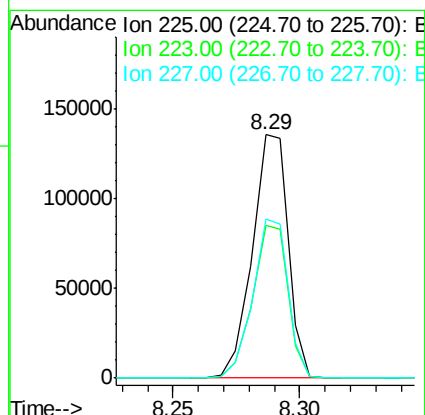
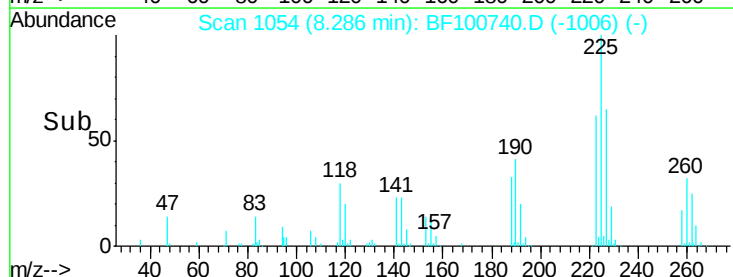
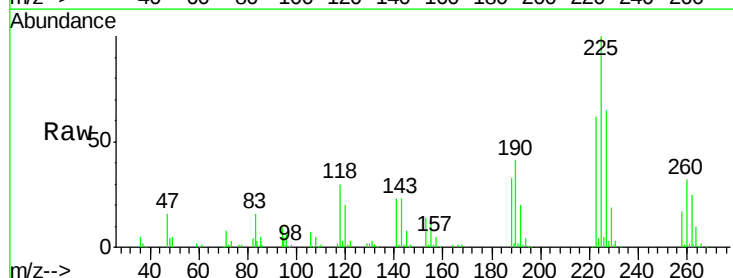
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

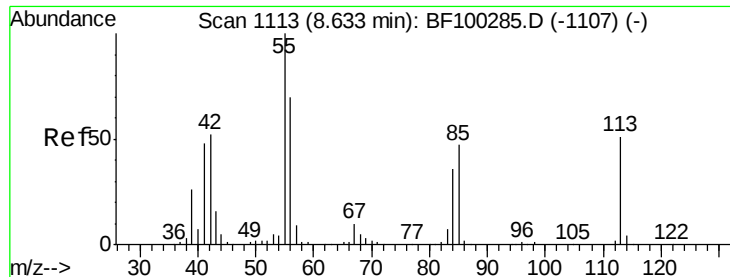
Tgt Ion:	127	Resp:	89185
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.5	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.38 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:	225	Resp:	133886
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.5	51.9	77.9

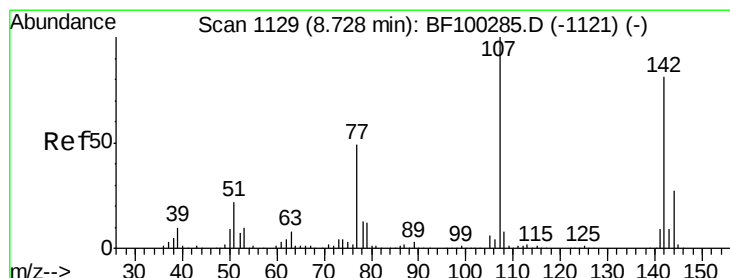
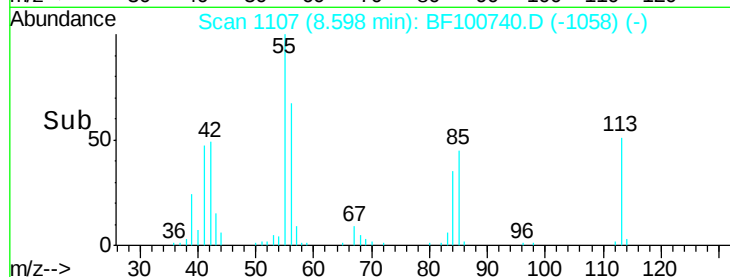
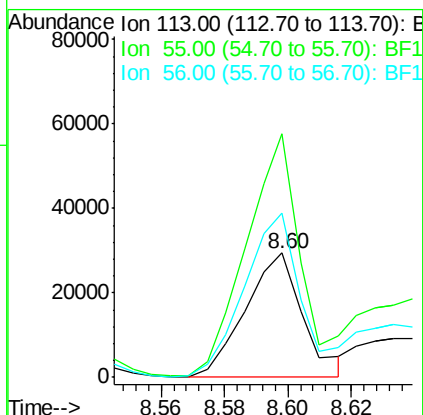
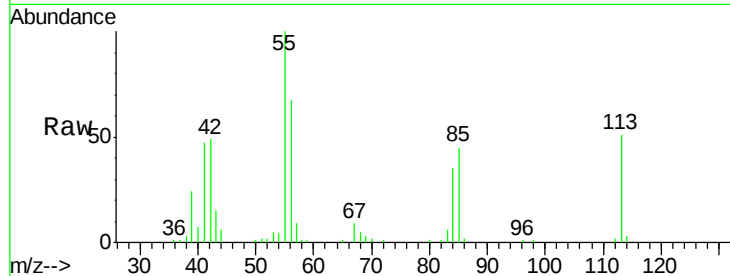




#35
 Caprolactam
 Concen: 19.89 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

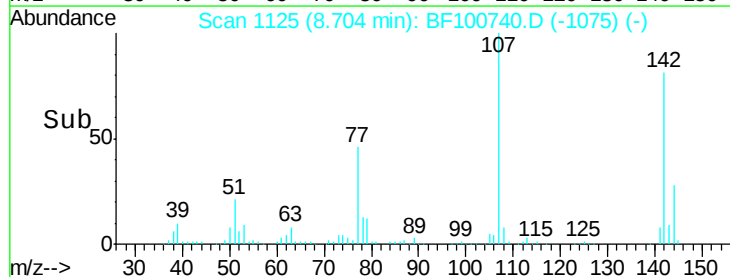
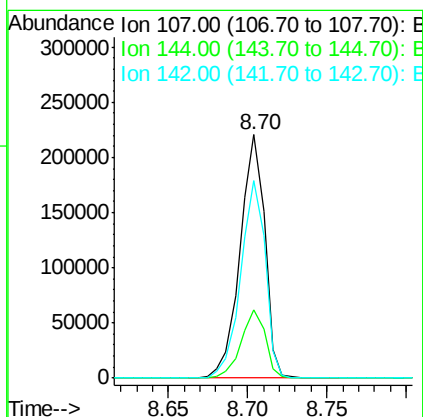
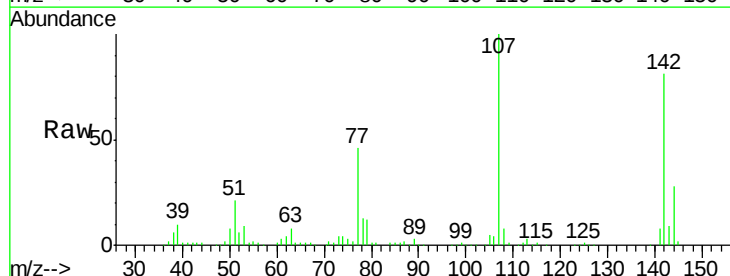
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

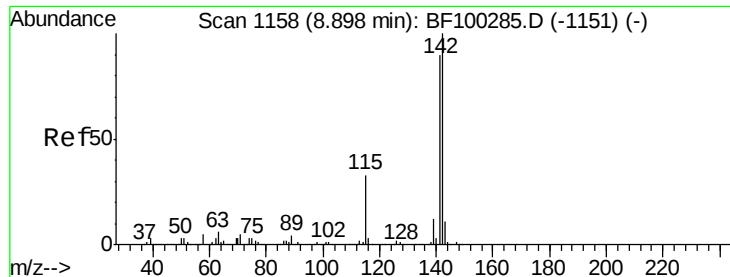
Tgt Ion:113 Resp: 37016
 Ion Ratio Lower Upper
 113 100
 55 195.6 163.3 203.3
 56 131.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.87 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:107 Resp: 238107
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.5 30.7
 142 81.0 62.0 93.0

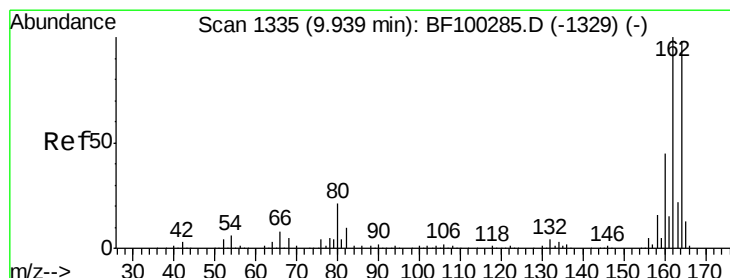
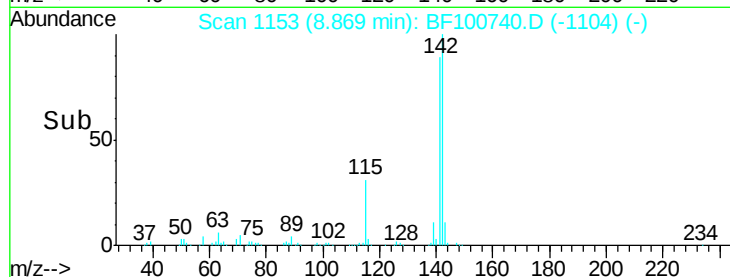
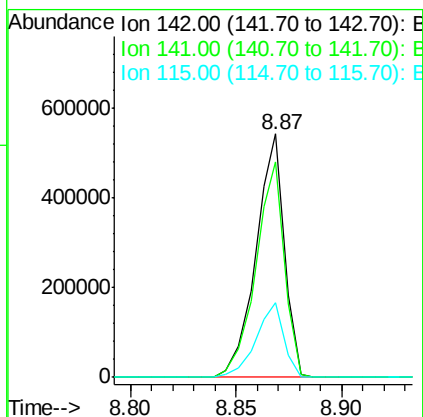
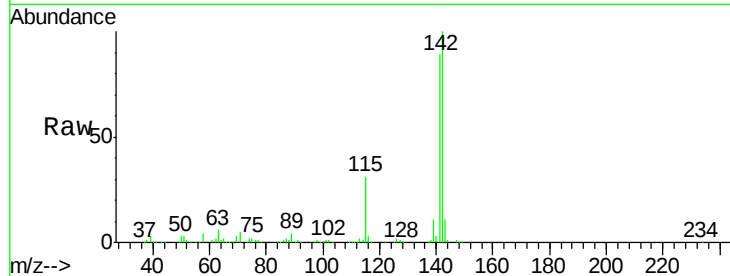




#37
 2-Methylnaphthalene
 Concen: 39.81 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

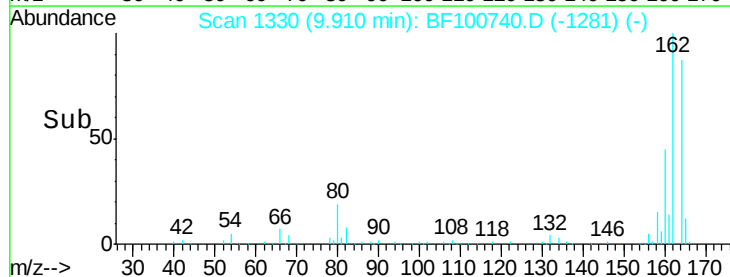
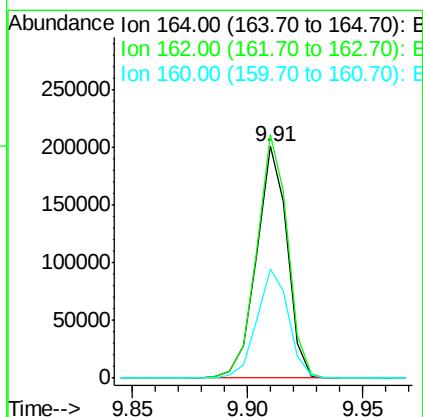
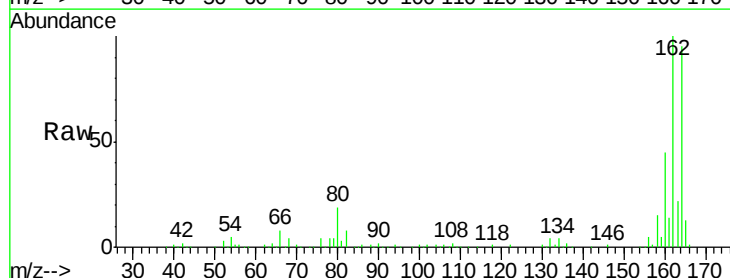
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

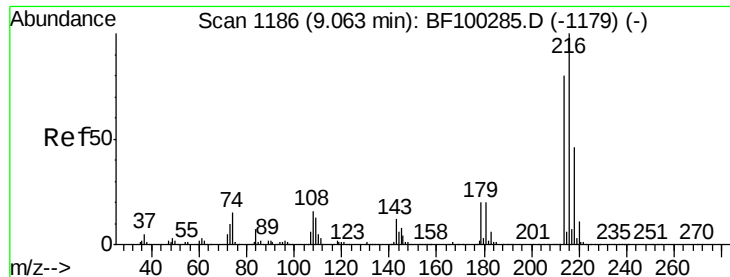
Tgt Ion:142 Resp: 507640
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 30.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:164 Resp: 186019
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.3 38.3 57.5

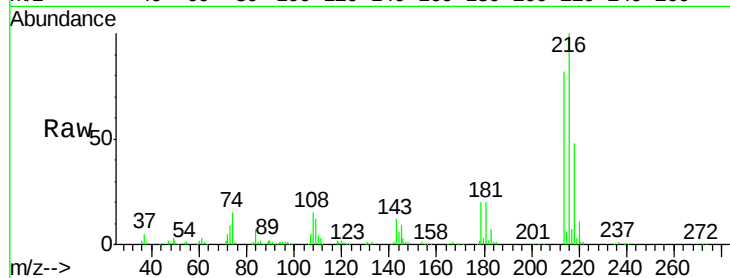




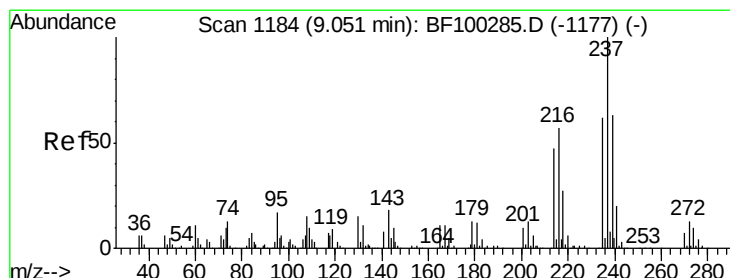
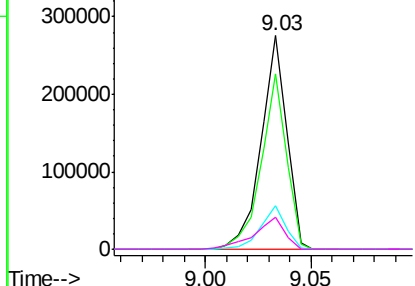
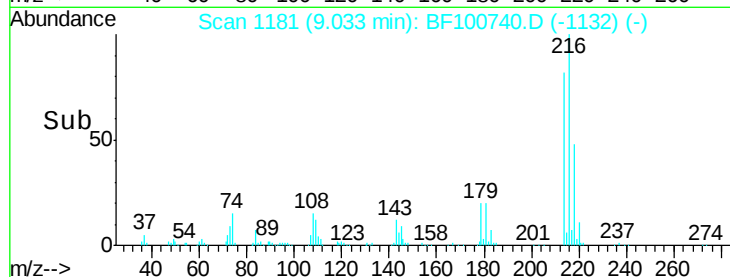
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.88 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tgt Ion:	216	Resp:	233693
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	20.0	18.1	27.1
108	17.7	17.2	25.8

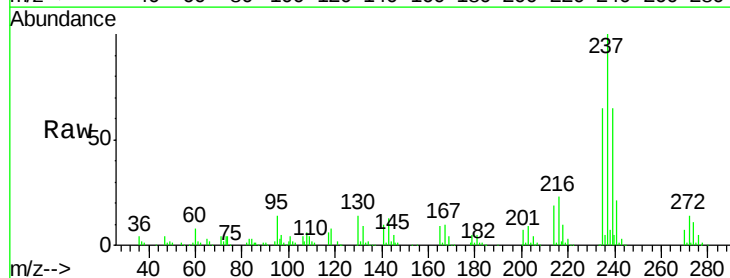


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

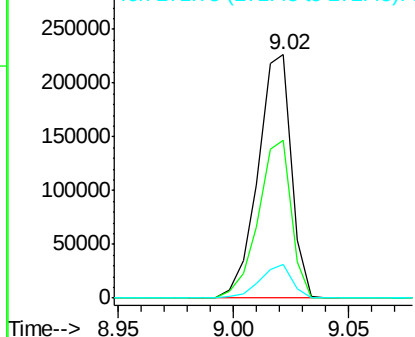
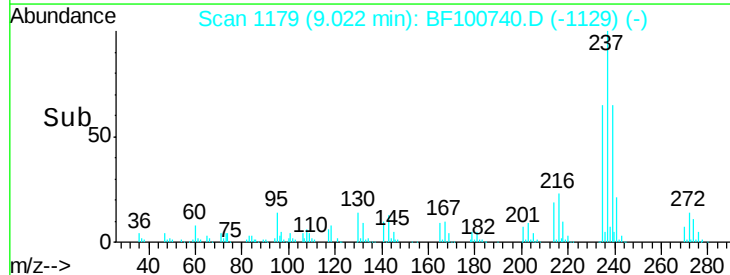


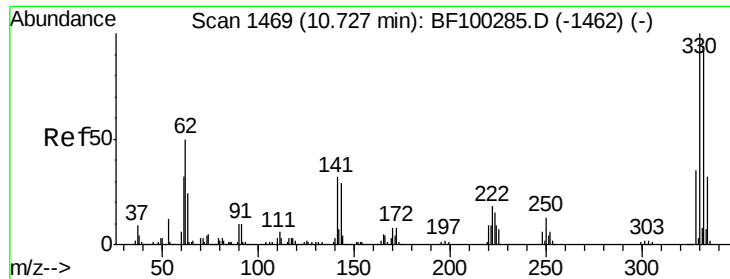
#40
 Hexachlorocyclopentadiene
 Concen: 79.13 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:	237	Resp:	229766
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	13.9	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

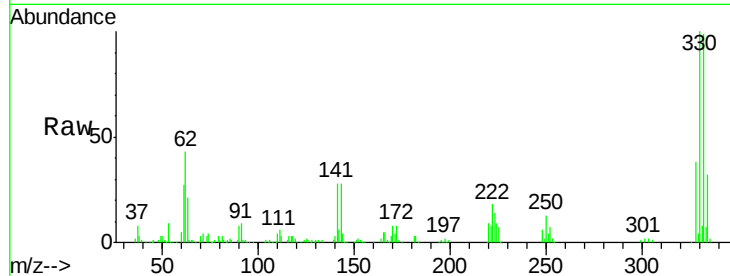




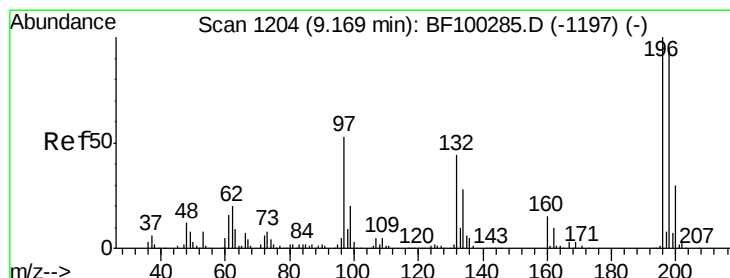
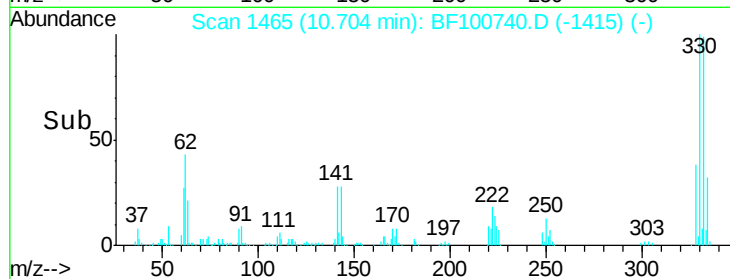
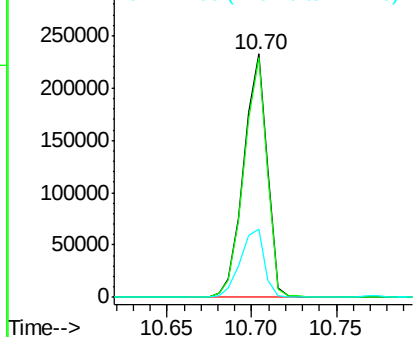
#41
 2,4,6-Tribromophenol
 Concen: 119.57 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tgt Ion:330 Resp: 226652
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 29.0 29.9 44.9#

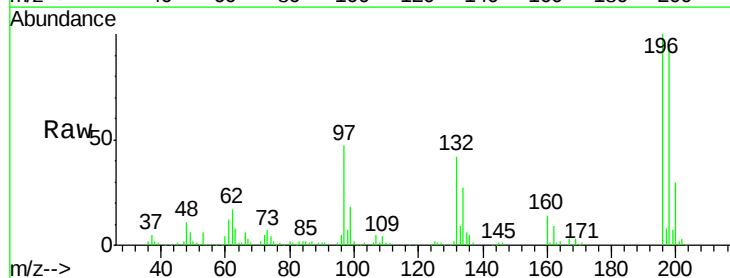


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

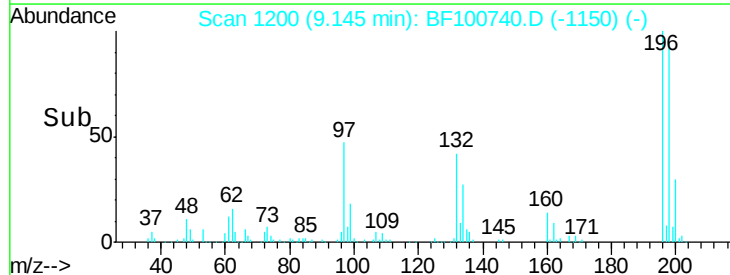
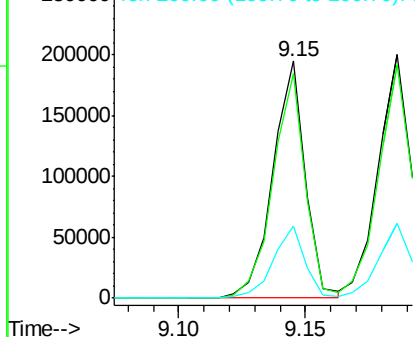


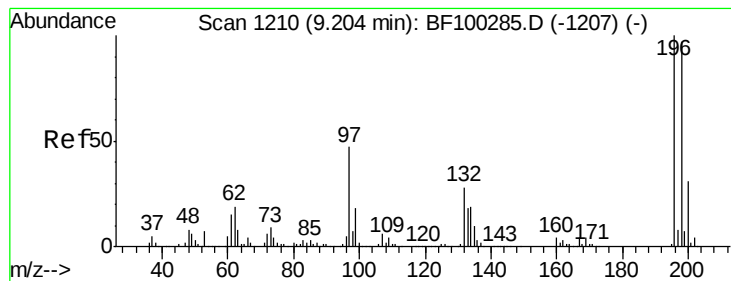
#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:196 Resp: 174500
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 44.69 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tgt Ion:196 Resp: 181056

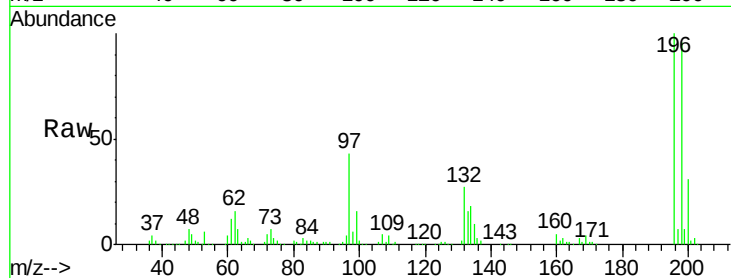
Ion Ratio Lower Upper

196 100

198 95.8 74.6 112.0

97 42.7 42.9 64.3#

132 27.2 26.3 39.5

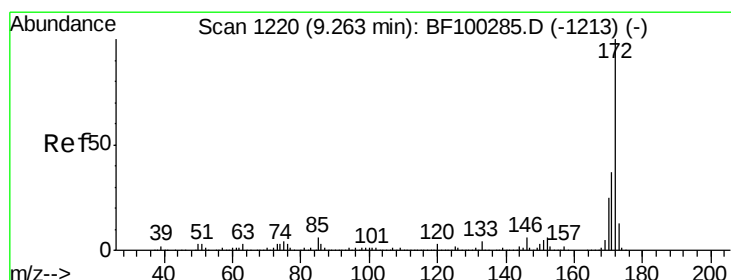
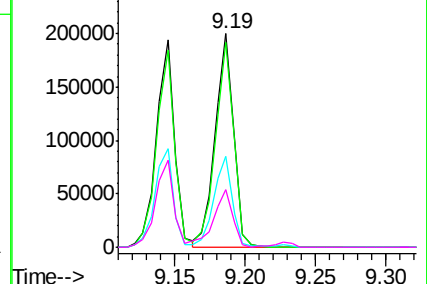
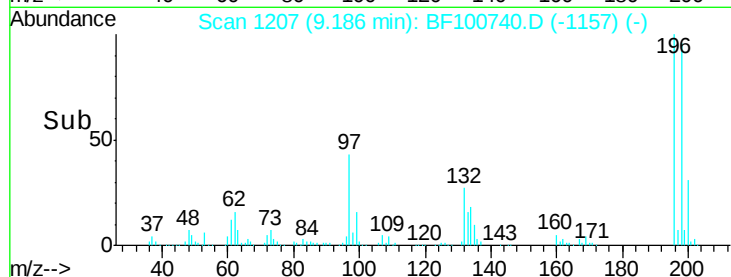


Abundance Ion 196.00 (195.70 to 196.70): E

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: 77.59 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

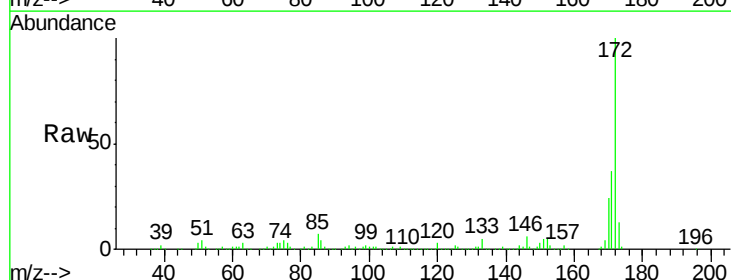
Tgt Ion:172 Resp: 947823

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

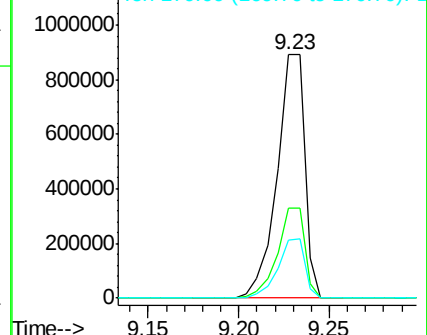
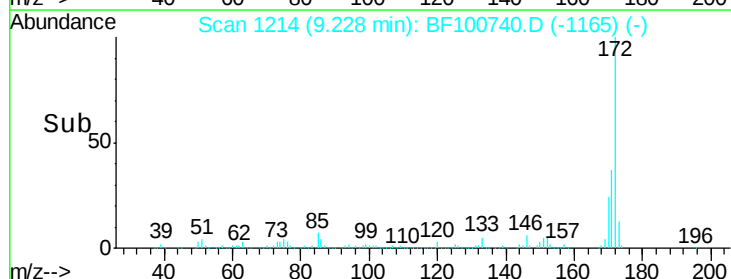
170 23.7 19.6 29.4

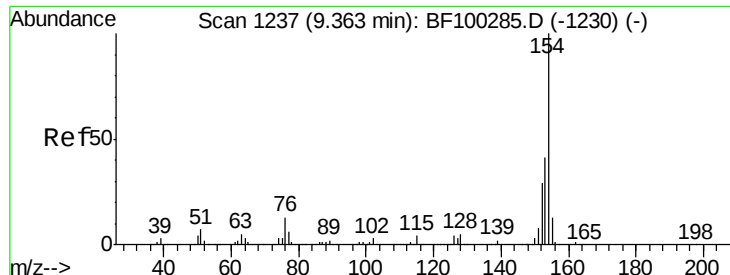


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.62 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

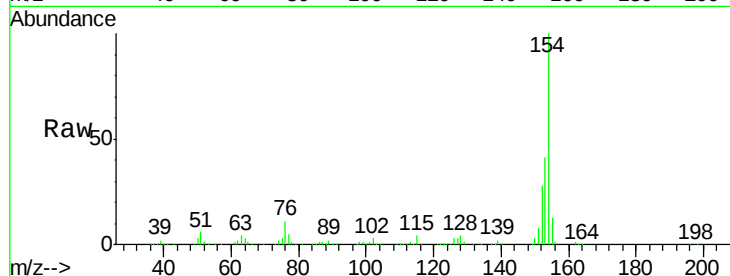
Tgt Ion:154 Resp: 605187

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

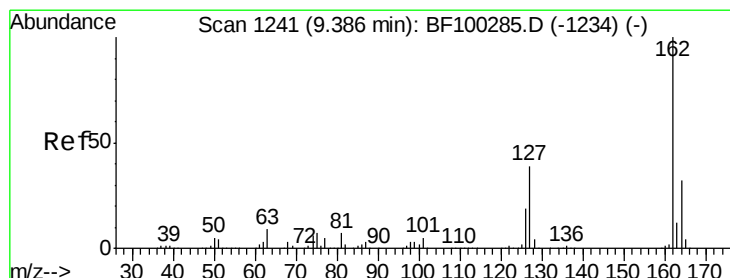
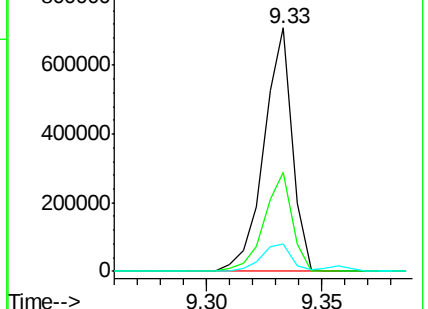
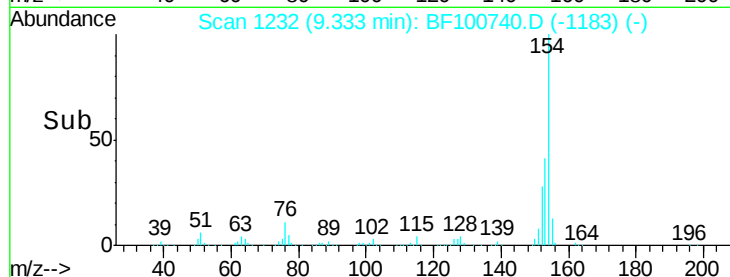
76 11.4 0.0 34.0



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: 41.40 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

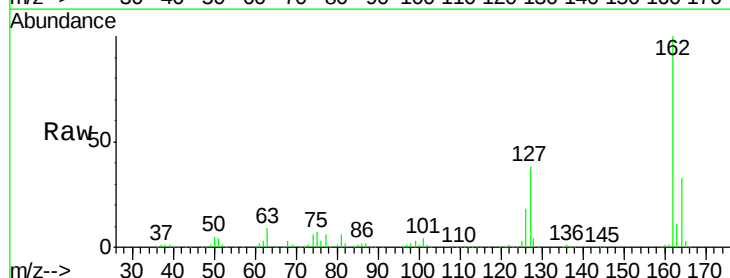
Tgt Ion:162 Resp: 483237

Ion Ratio Lower Upper

162 100

127 38.4 33.9 50.9

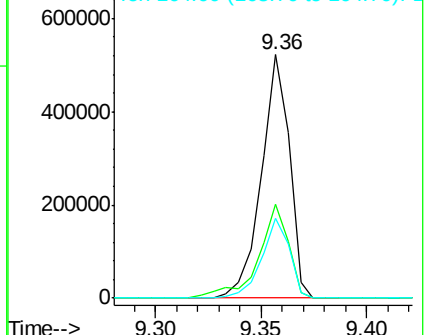
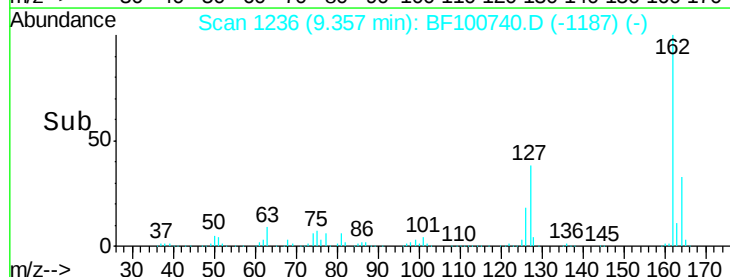
164 32.6 26.5 39.7

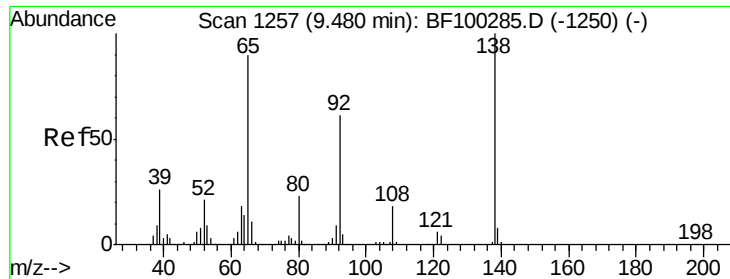


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

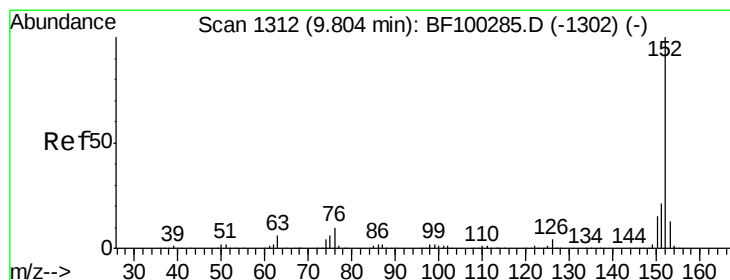
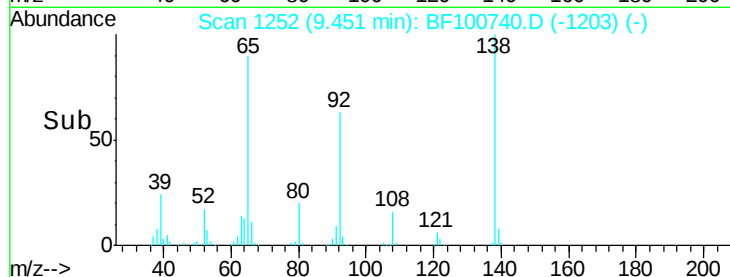
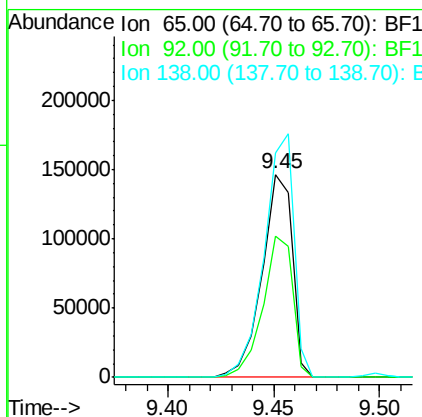
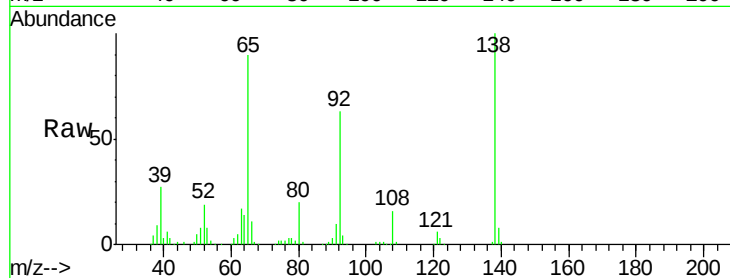




#47
2-Nitroaniline
Concen: 42.85 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

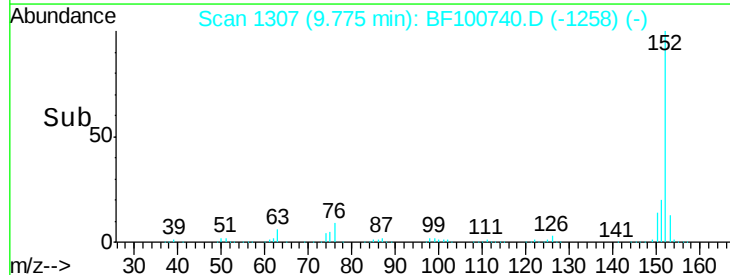
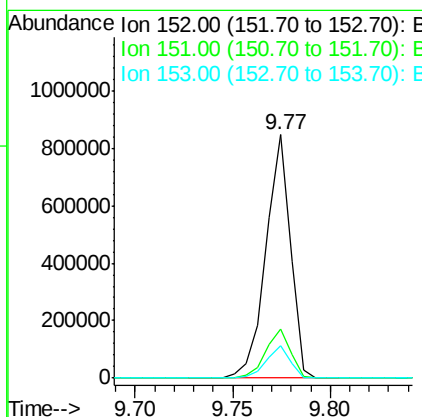
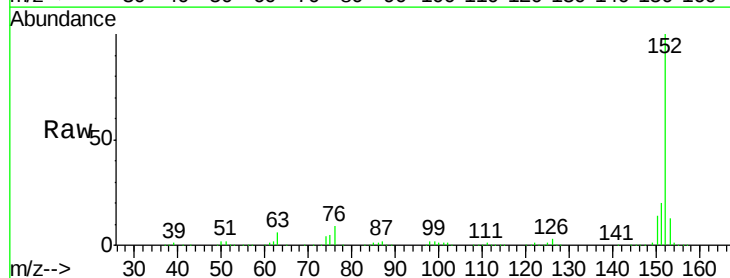
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

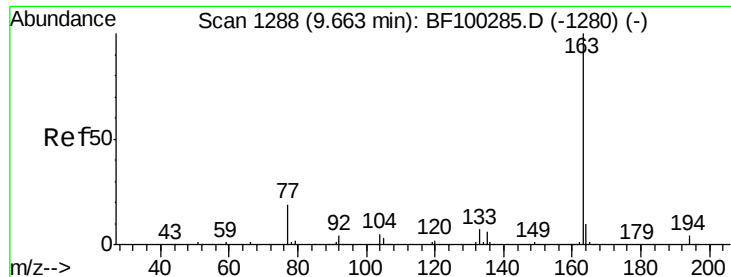
Tgt Ion: 65 Resp: 146687
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 110.7 91.2 136.8



#48
Acenaphthylene
Concen: 38.10 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion: 152 Resp: 737032
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1

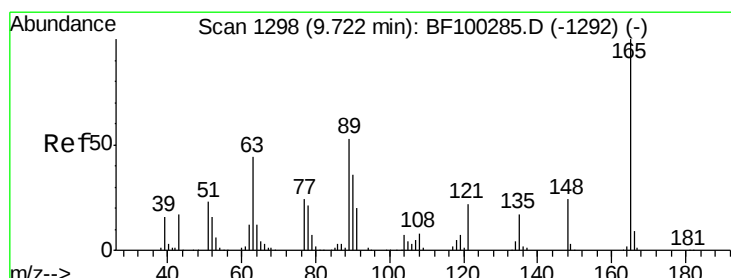
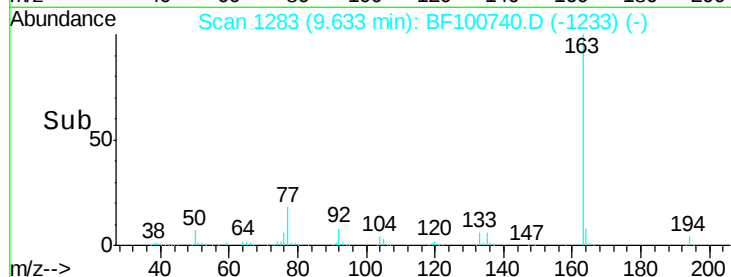
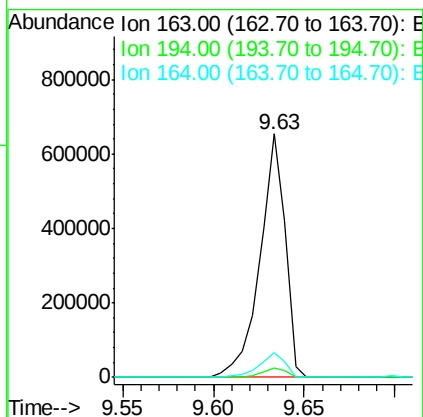
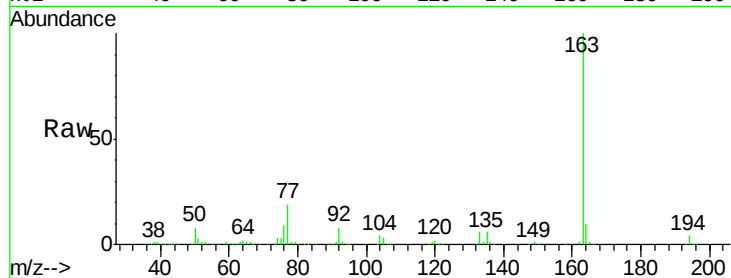




#49
Dimethylphthalate
Concen: 44.51 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

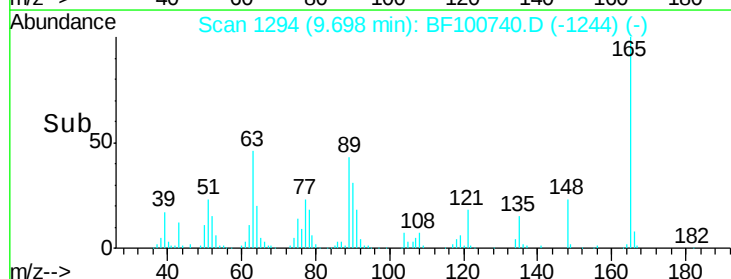
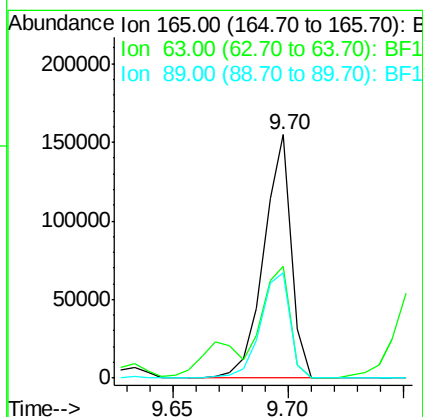
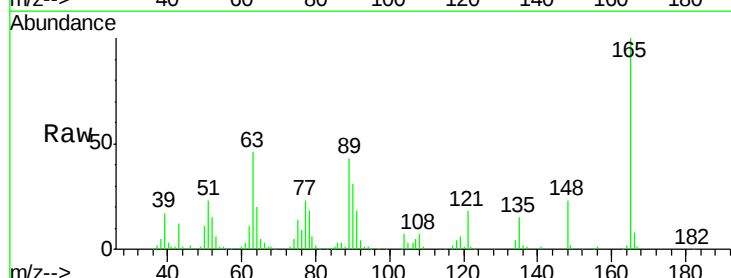
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

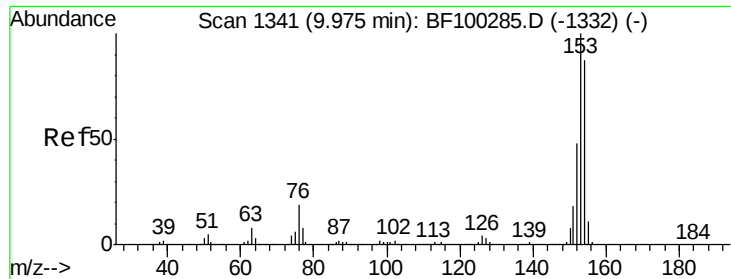
Tgt Ion:163 Resp: 632198
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.40 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:165 Resp: 127638
Ion Ratio Lower Upper
165 100
63 45.8 44.7 67.1
89 43.2 44.0 66.0#





#51

Acenaphthene

Concen: 38.27 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

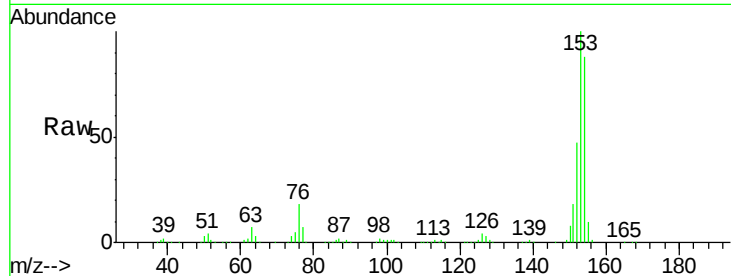
Tgt Ion:154 Resp: 450174

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

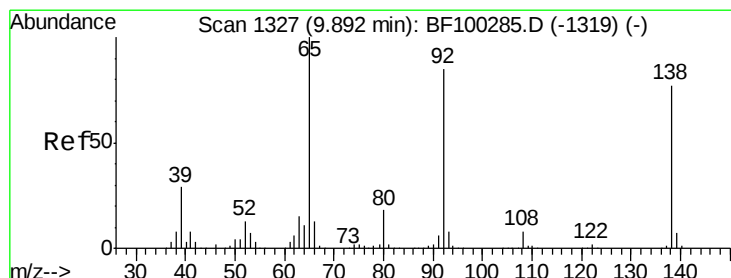
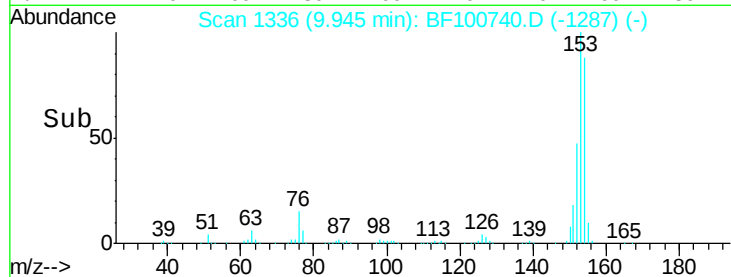
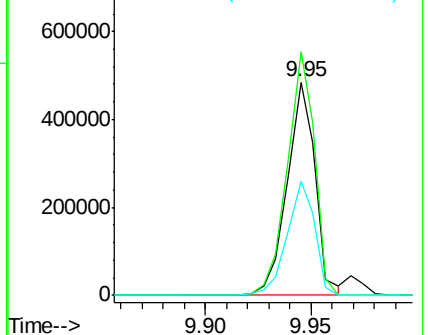
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.81 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

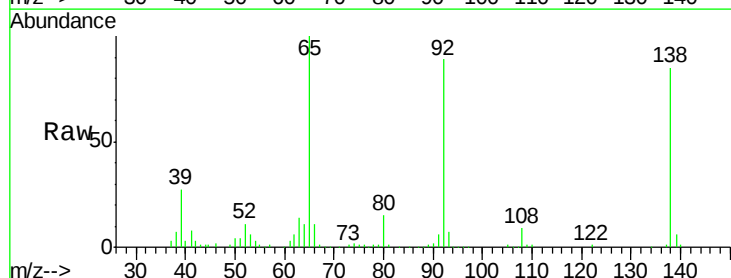
Tgt Ion:138 Resp: 88993

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

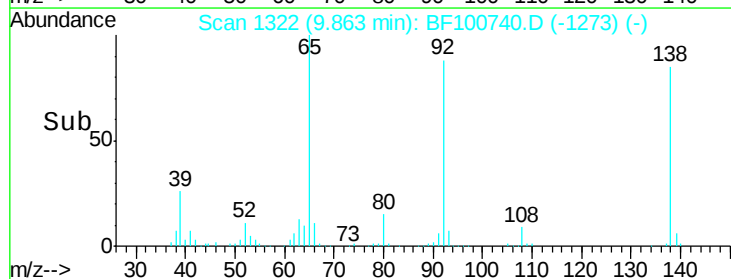
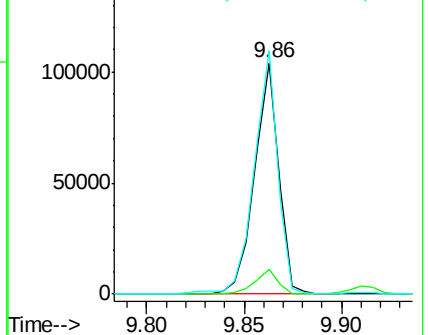
92 105.2 89.4 134.2

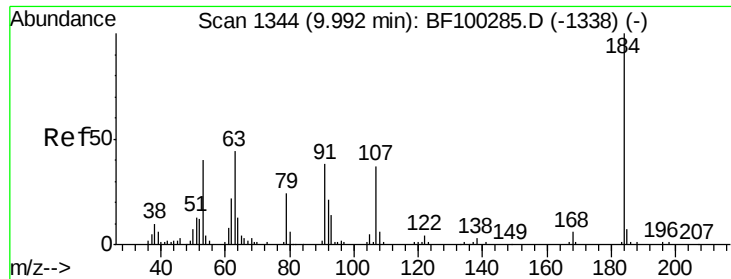


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

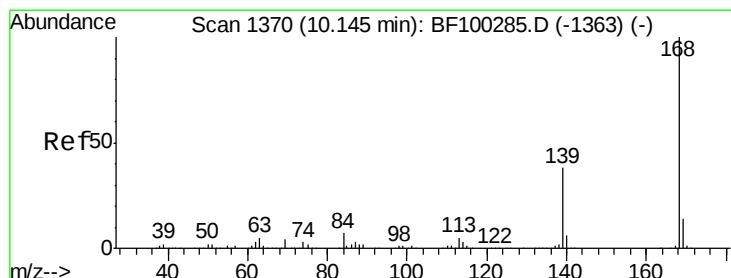
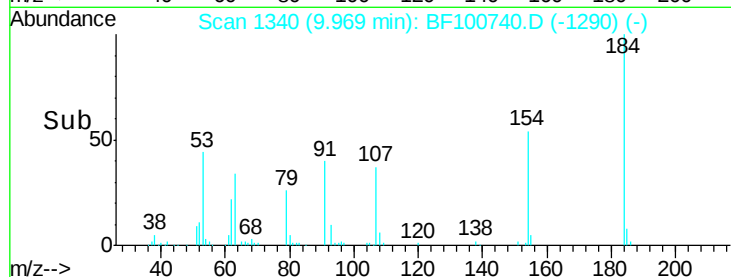
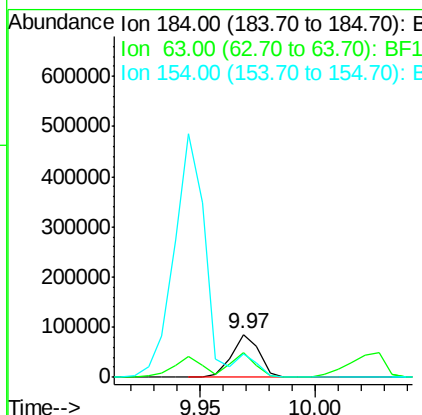
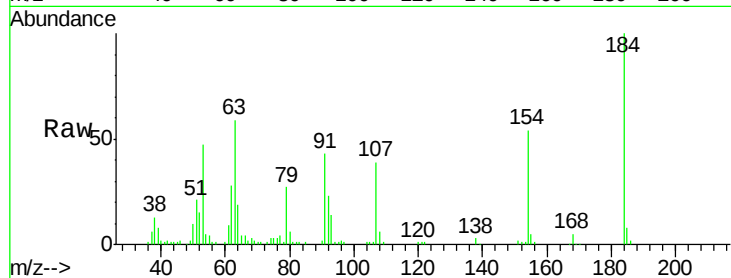




#53
2,4-Dinitrophenol
Concen: 65.17 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

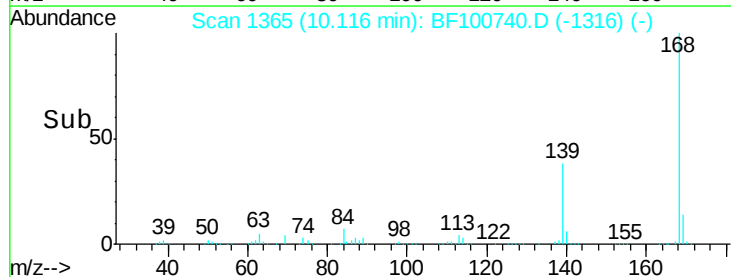
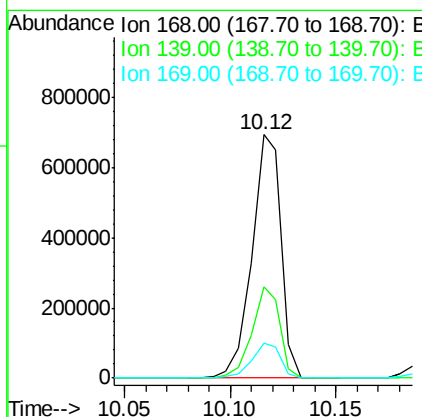
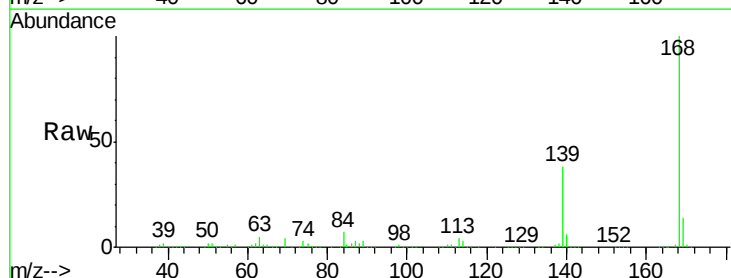
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

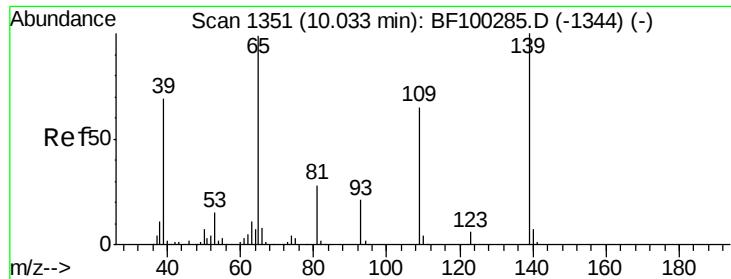
Tgt Ion:184 Resp: 72601
Ion Ratio Lower Upper
184 100
63 58.7 54.2 81.2
154 53.7 184.0 276.0#



#54
Dibenzofuran
Concen: 40.23 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:168 Resp: 663385
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.5 10.9 16.3

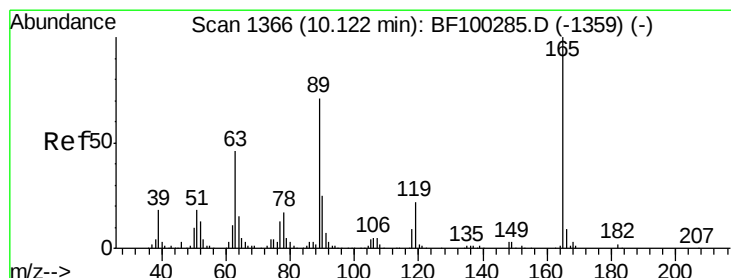
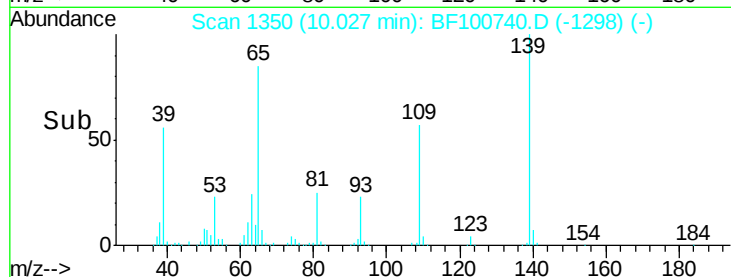
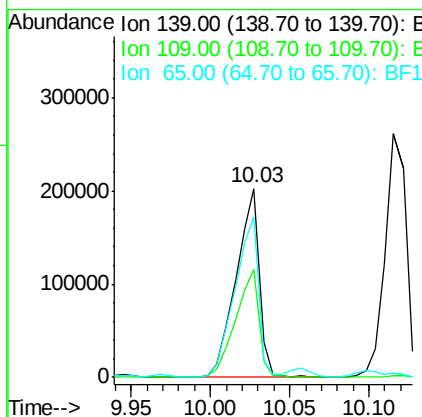
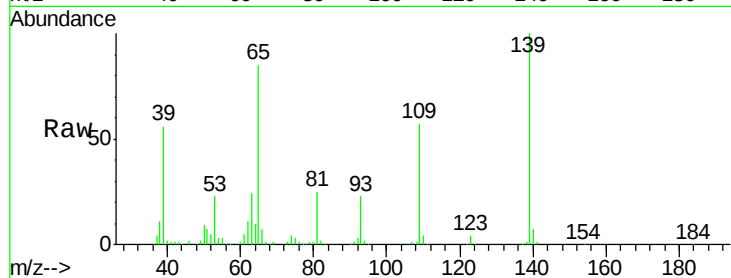




#55
4-Nitrophenol
Concen: 76.50 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

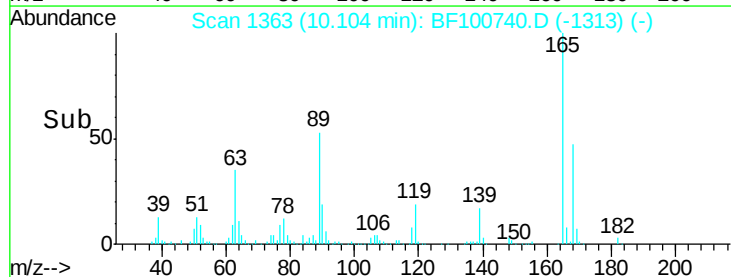
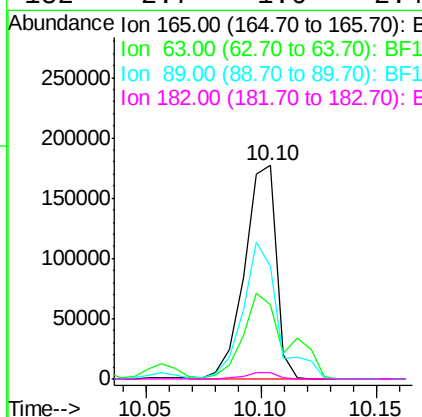
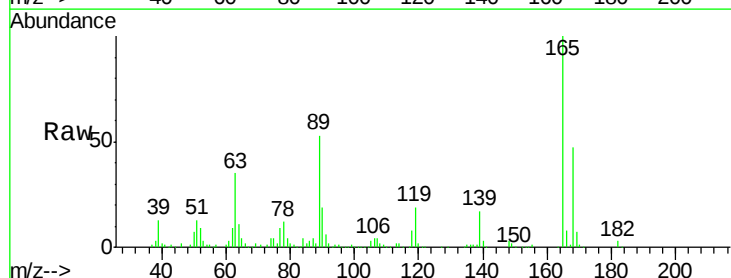
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

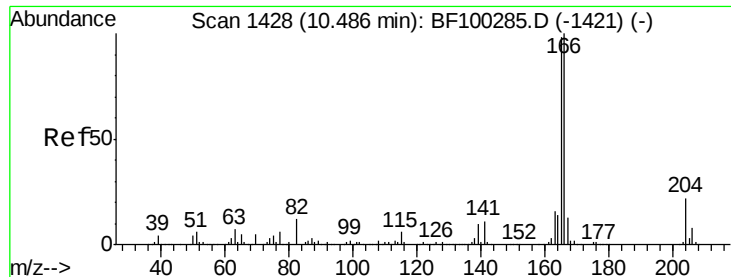
Tgt Ion:139 Resp: 206218
Ion Ratio Lower Upper
139 100
109 57.4 48.4 88.4
65 85.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.25 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:165 Resp: 171121
Ion Ratio Lower Upper
165 100
63 35.1 36.4 54.6#
89 53.0 57.8 86.6#
182 2.7 1.6 2.4#

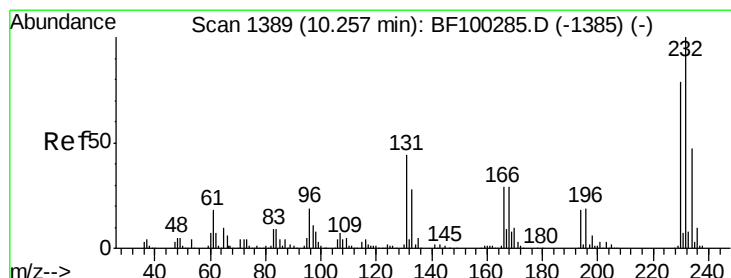
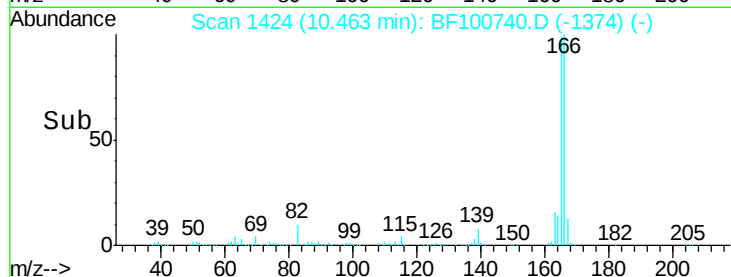
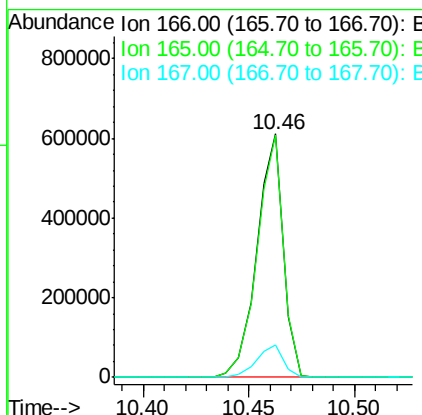
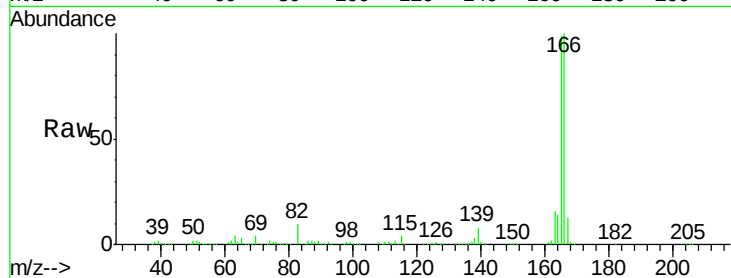




#57
 Fluorene
 Concen: 43.94 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

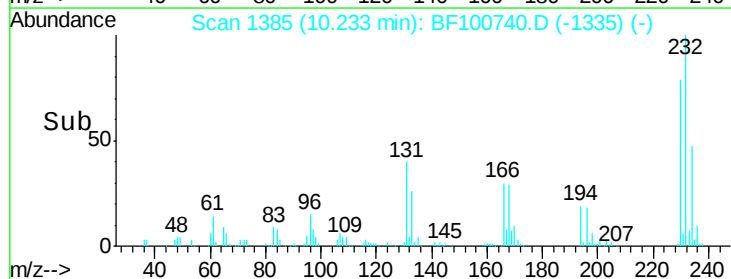
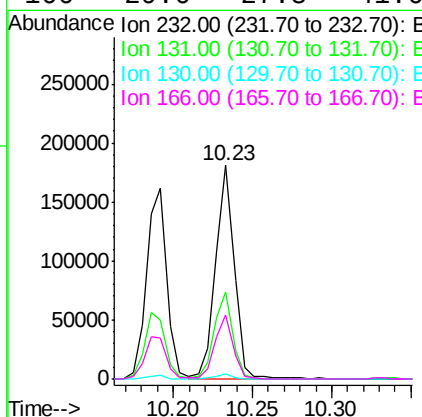
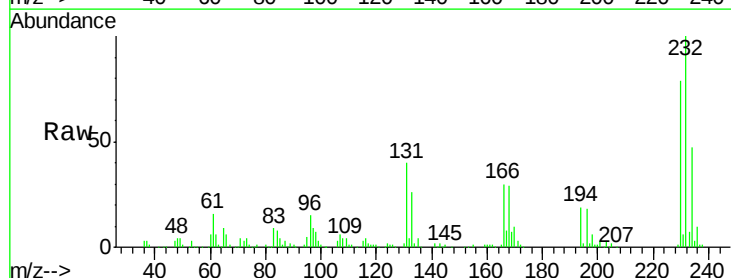
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

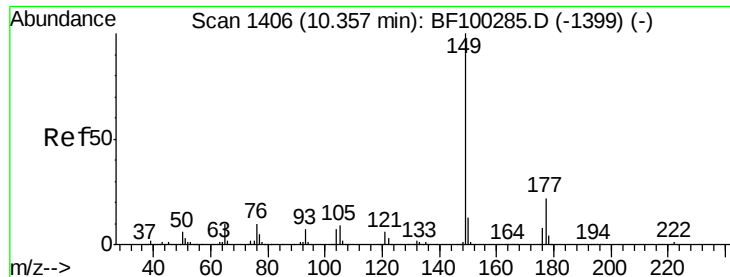
Tgt Ion:166 Resp: 530747
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.46 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:232 Resp: 147621
 Ion Ratio Lower Upper
 232 100
 131 41.1 43.8 65.8#
 130 1.9 2.1 3.1#
 166 29.6 27.8 41.6

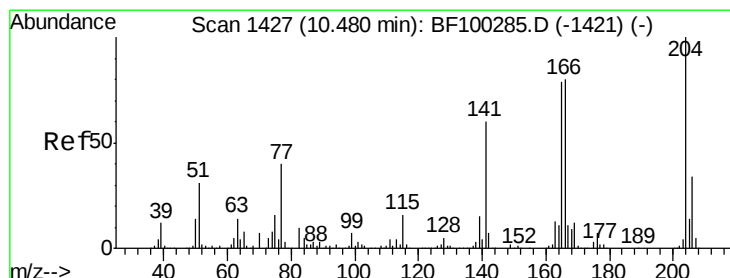
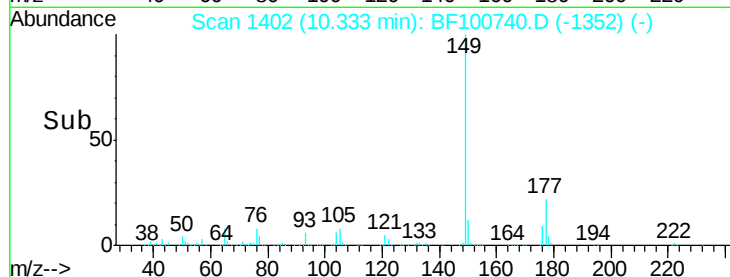
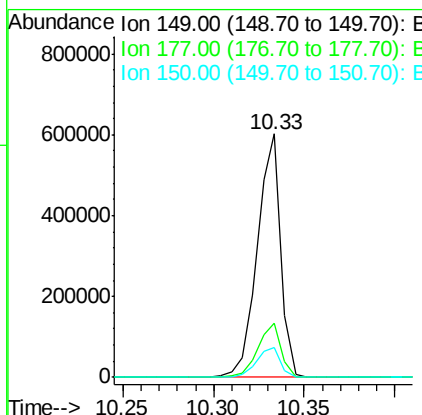
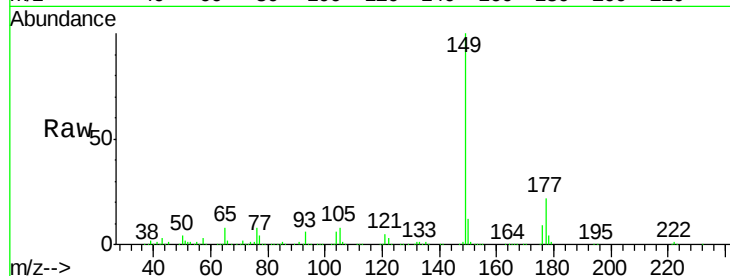




#59
Diethylphthalate
Concen: 37.76 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

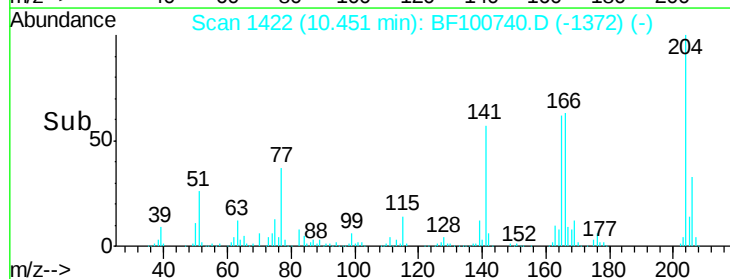
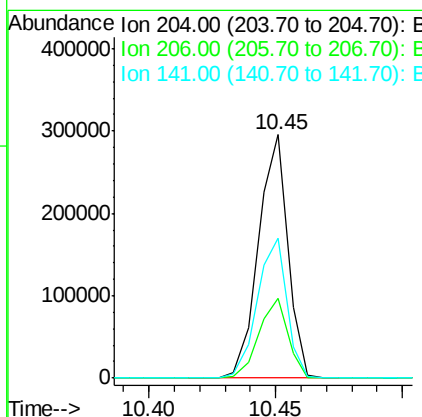
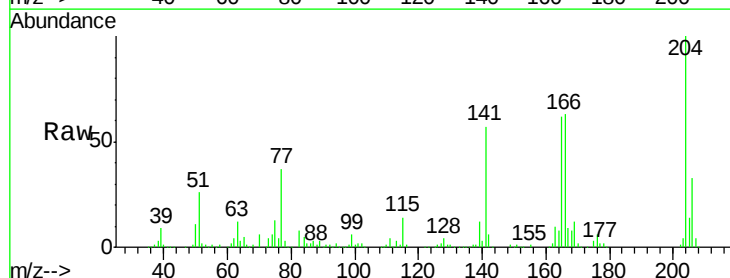
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

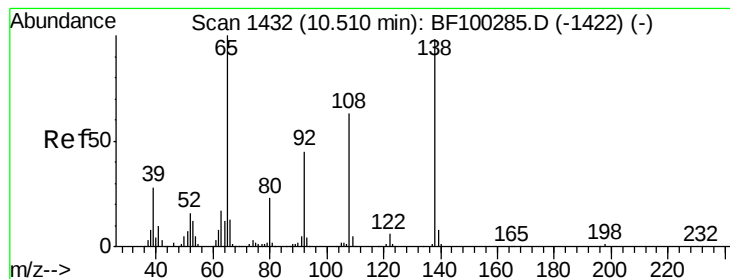
Tgt Ion:149 Resp: 536720
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.58 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:204 Resp: 240471
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 57.4 54.6 81.8





#61

4-Nitroaniline

Concen: 43.89 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

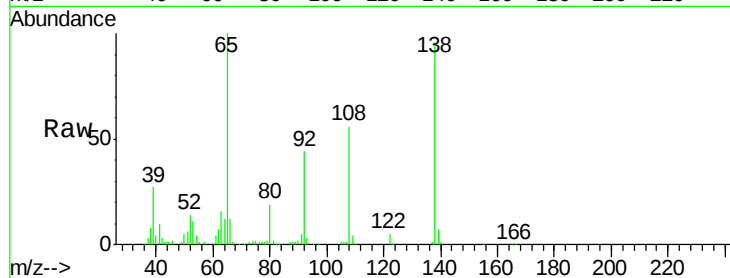
Tgt Ion:138 Resp: 138158

Ion Ratio Lower Upper

138 100

92 45.3 30.2 70.2

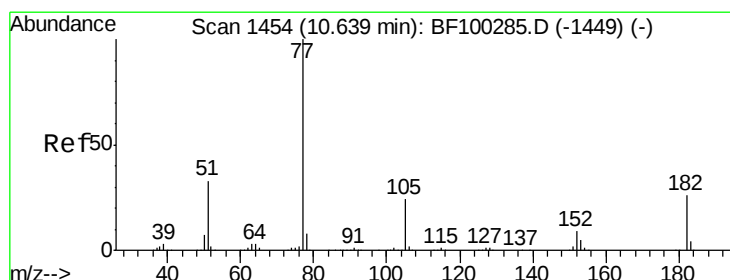
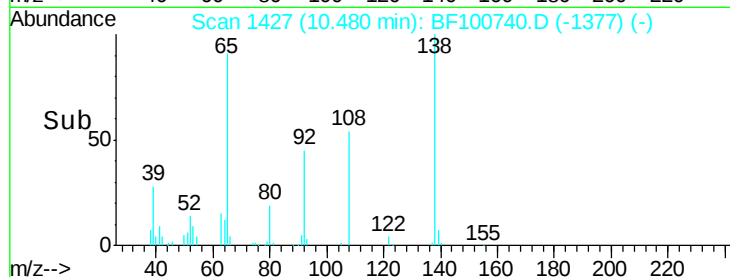
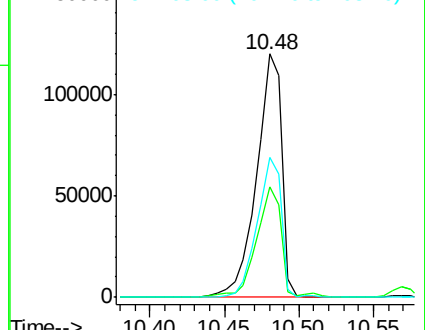
108 57.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.64 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion: 77 Resp: 477030

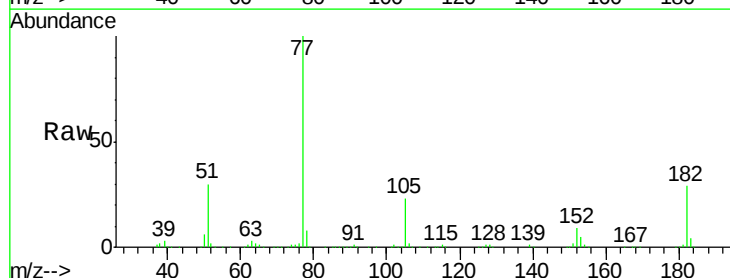
Ion Ratio Lower Upper

77 100

182 29.0 1.7 41.7

105 23.2 3.0 43.0

51 30.2 9.9 49.9

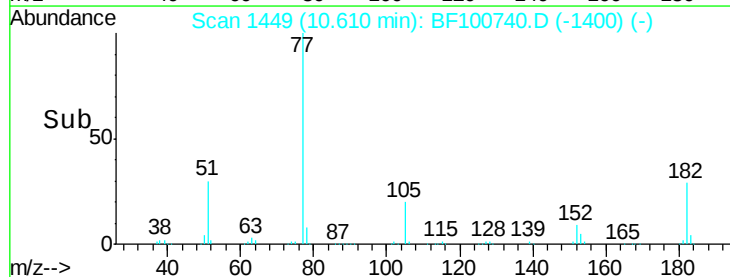
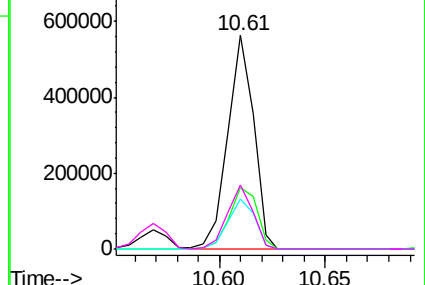


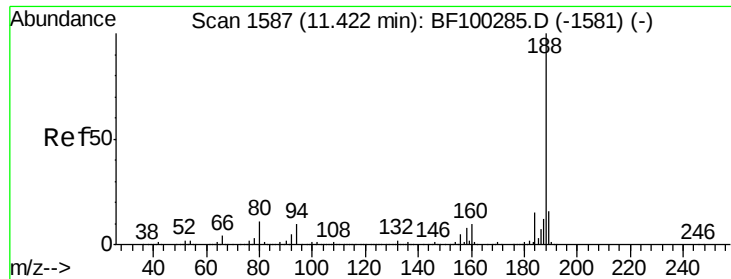
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

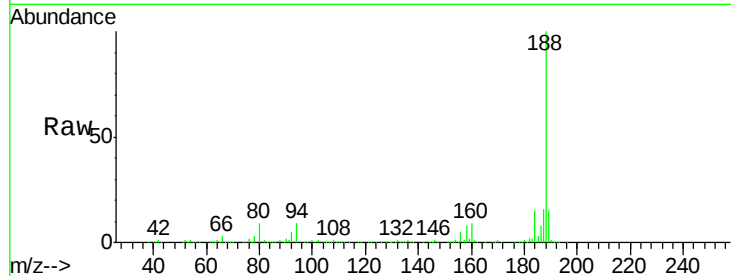
Tgt Ion:188 Resp: 361498

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

80 9.4 9.2 13.8

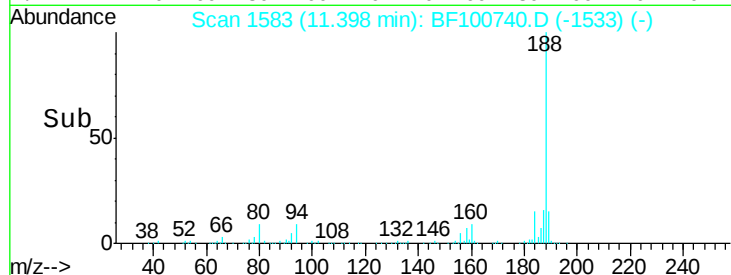


Abundance Ion 188.00 (187.70 to 188.70): E

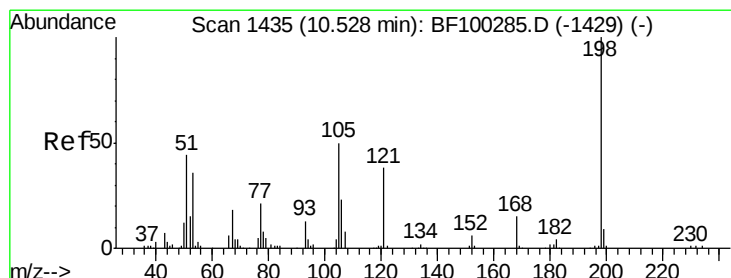
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.76 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

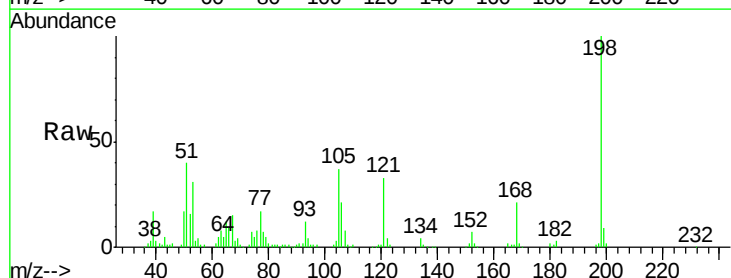
Tgt Ion:198 Resp: 82633

Ion Ratio Lower Upper

198 100

51 40.2 37.7 77.7

105 36.8 36.3 76.3

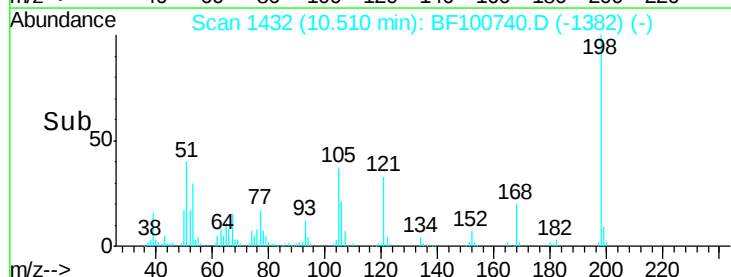


Abundance Ion 198.00 (197.70 to 198.70): E

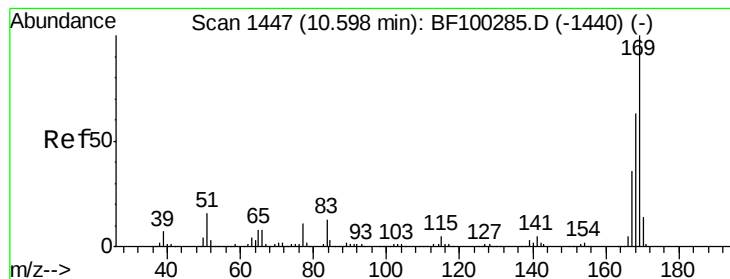
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 38.28 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

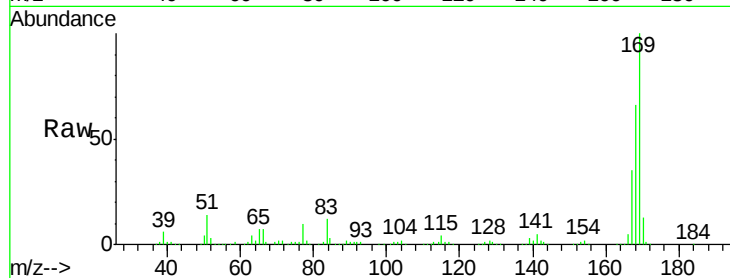
Tgt Ion:169 Resp: 481180

Ion Ratio Lower Upper

169 100

168 65.5 54.4 81.6

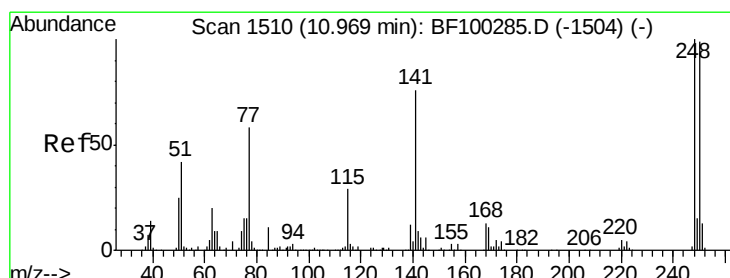
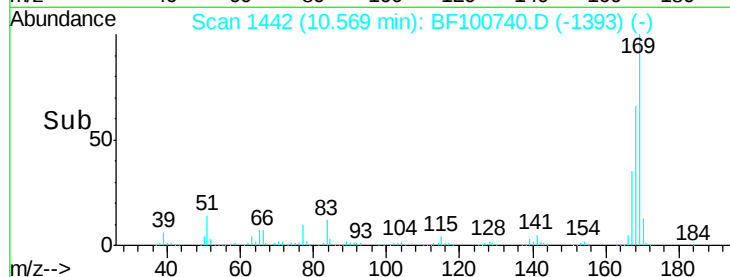
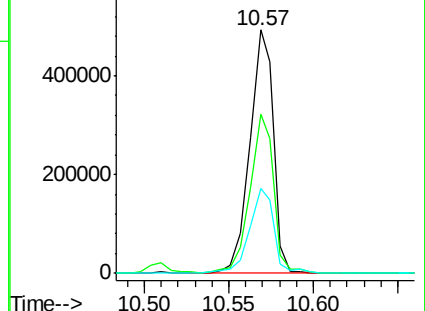
167 34.9 29.8 44.6



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: 40.51 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

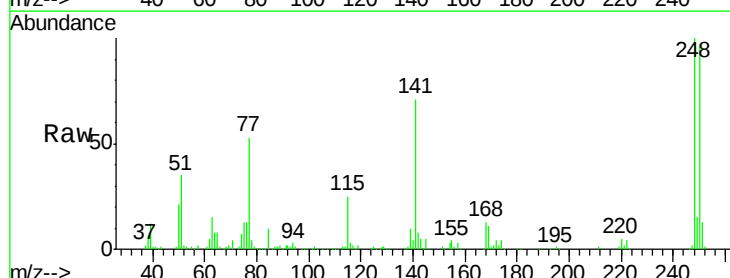
Tgt Ion:248 Resp: 156971

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

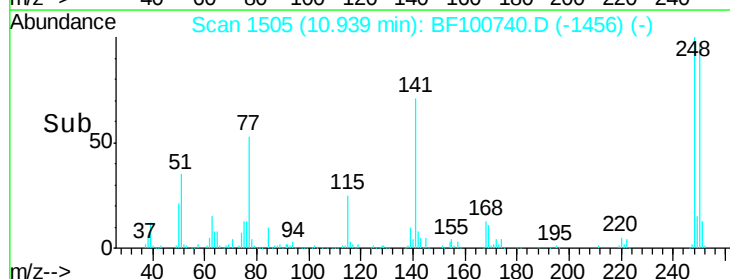
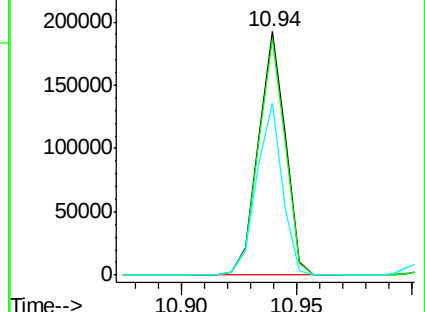
141 70.9 74.4 111.6#

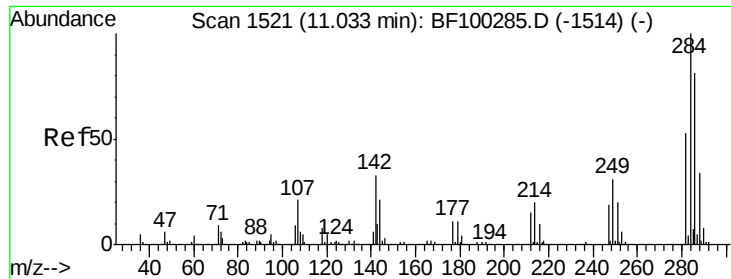


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

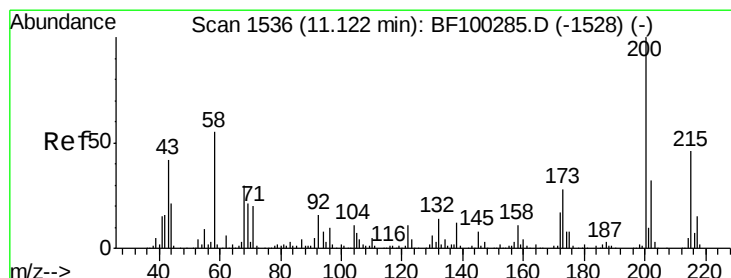
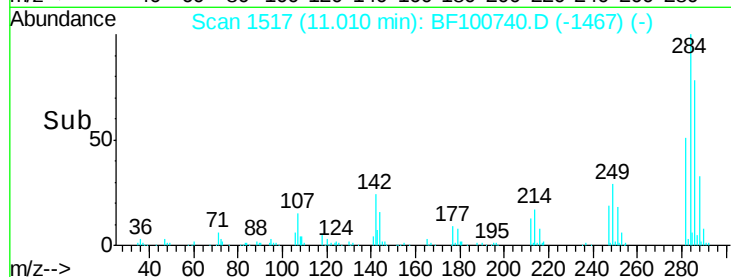
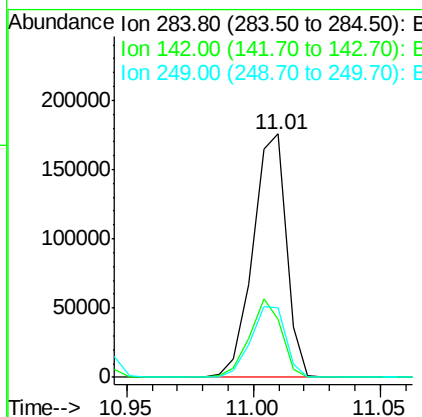
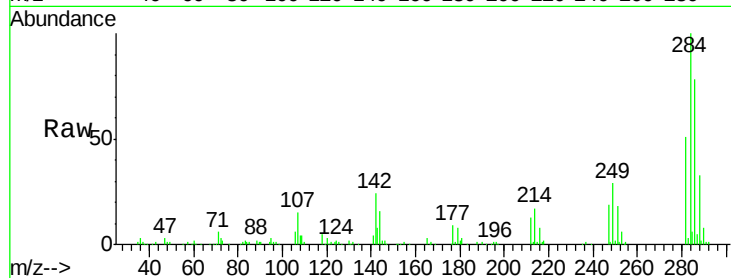




#67
Hexachlorobenzene
Concen: 40.17 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

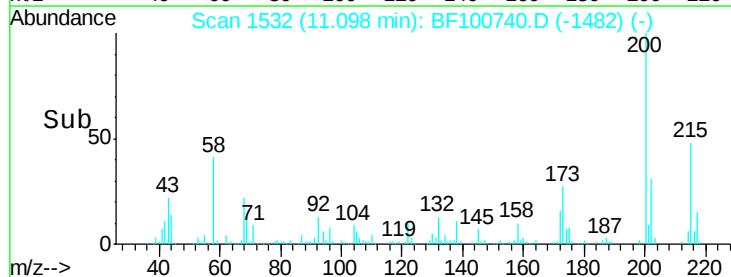
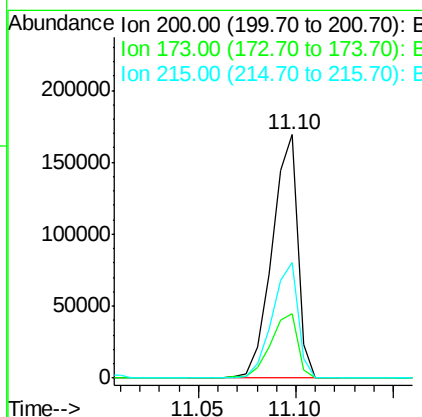
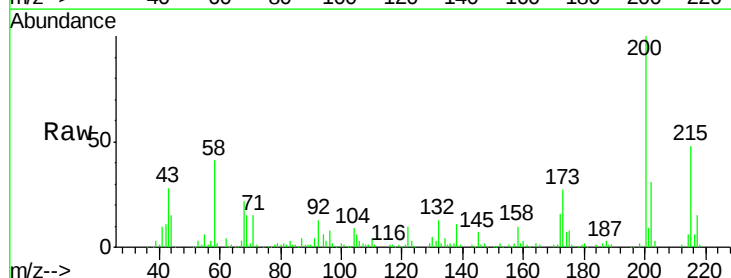
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

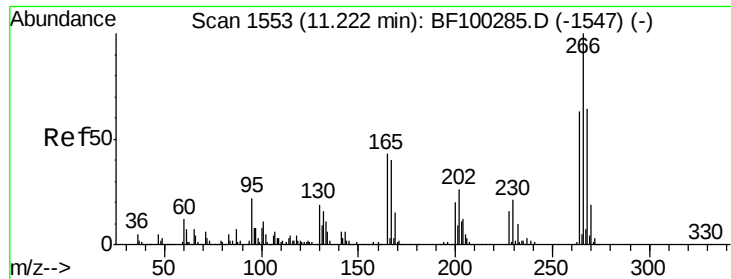
Tgt Ion: 284 Resp: 162817
Ion Ratio Lower Upper
284 100
142 24.0 34.6 52.0#
249 28.7 24.8 37.2



#68
Atrazine
Concen: 40.49 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion: 200 Resp: 154047
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 47.7 25.1 65.1





#69

Pentachlorophenol

Concen: 63.94 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

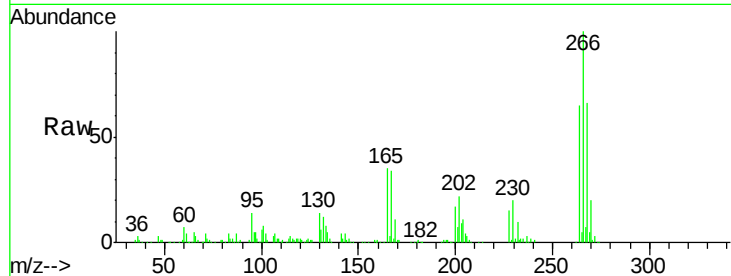
Tgt Ion:266 Resp: 185831

Ion Ratio Lower Upper

266 100

268 65.9 51.1 76.7

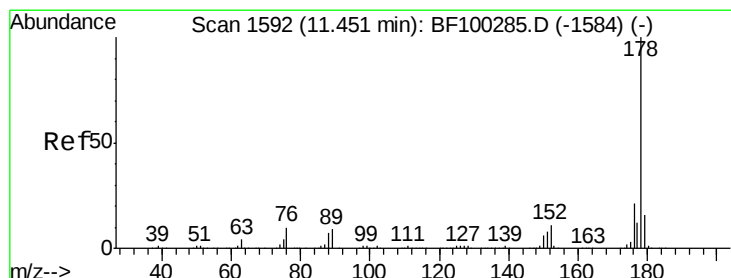
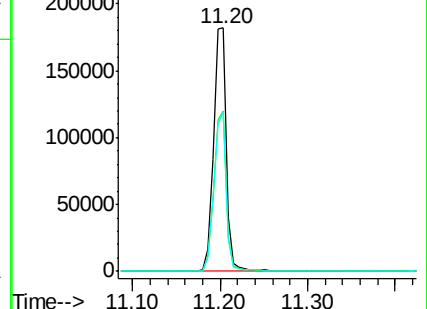
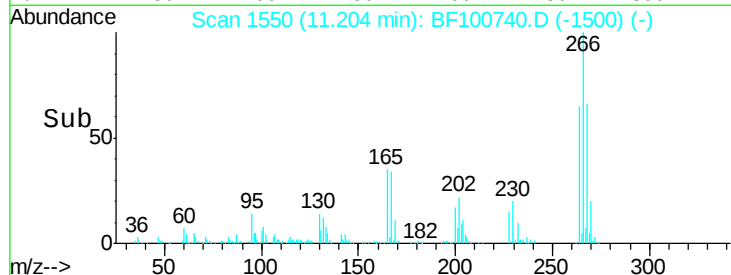
264 65.4 49.5 74.3



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: 40.19 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

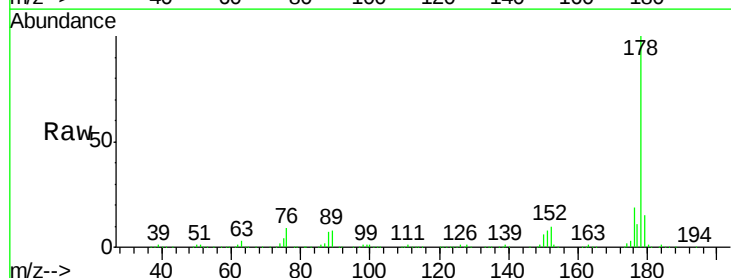
Tgt Ion:178 Resp: 764980

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

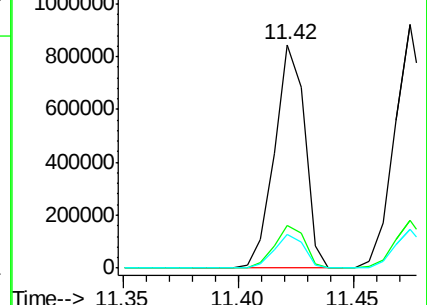
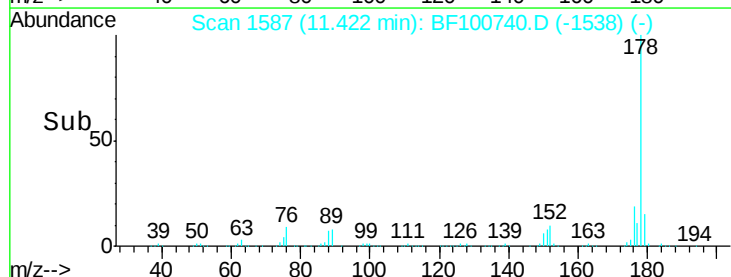
179 15.2 13.0 19.6

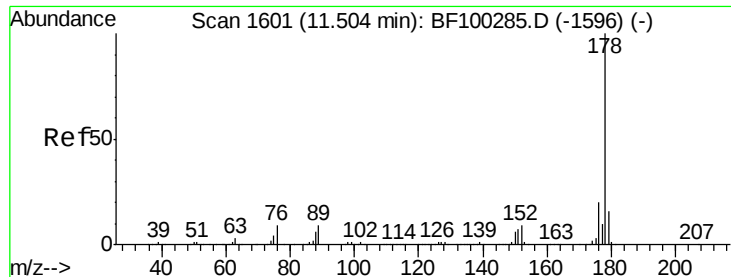


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

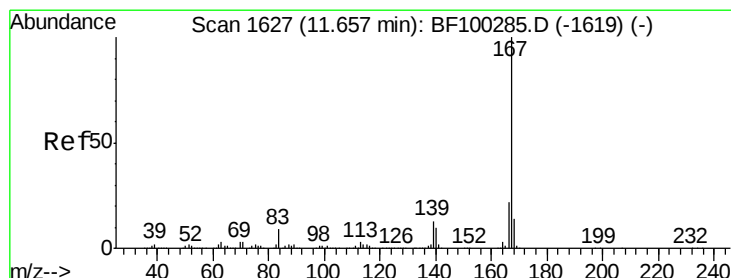
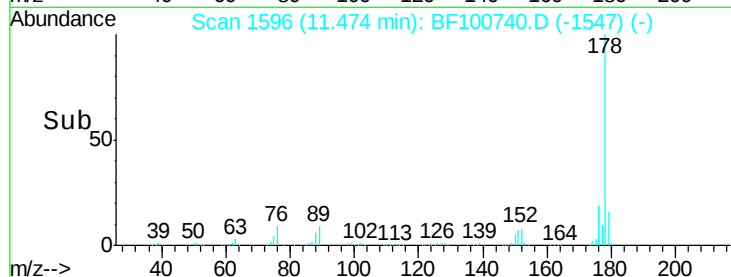
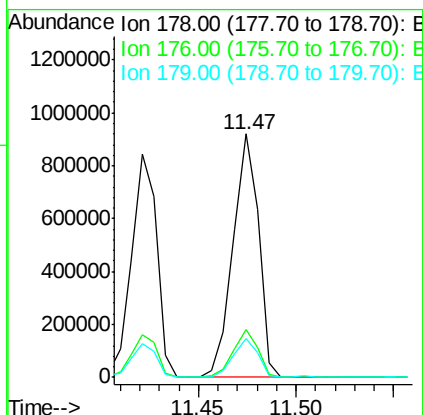
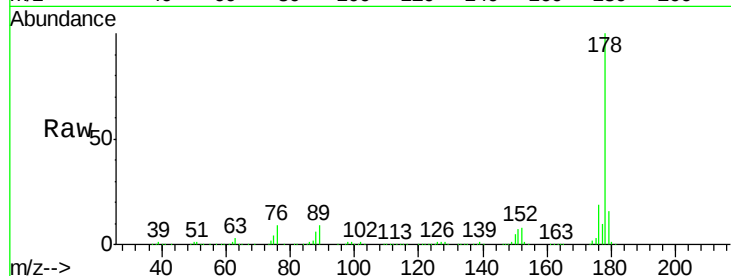




#71
 Anthracene
 Concen: 43.39 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

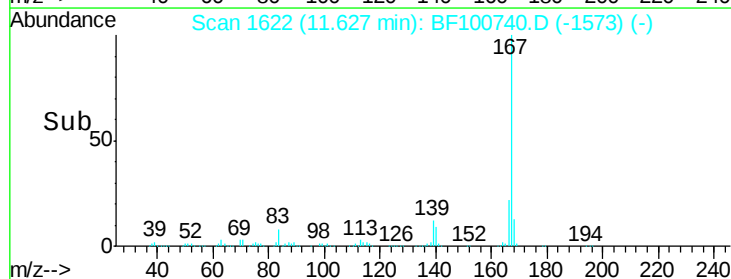
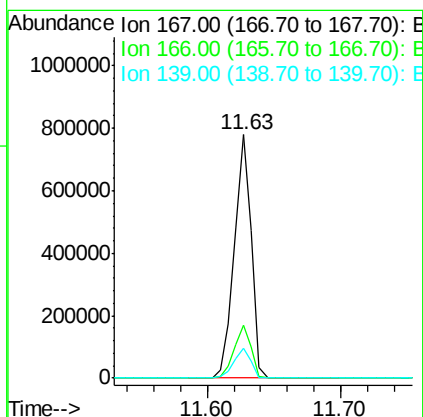
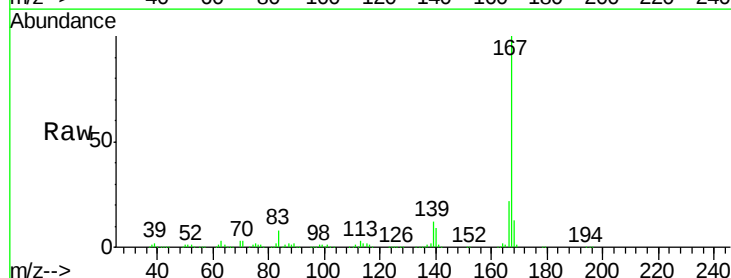
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tgt Ion:178 Resp: 837927
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.31 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion:167 Resp: 700351
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.3 10.9 16.3

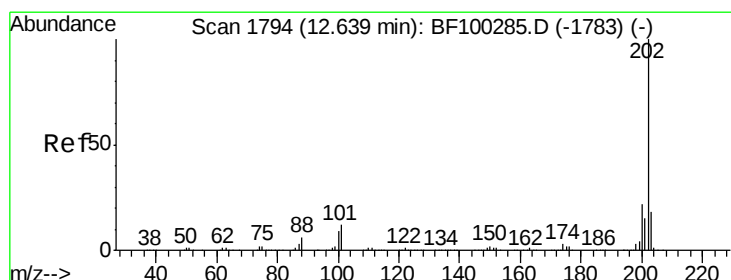
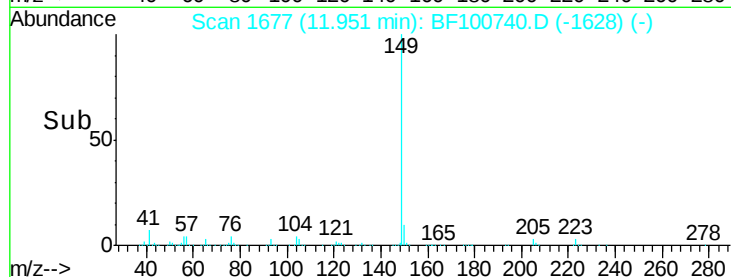
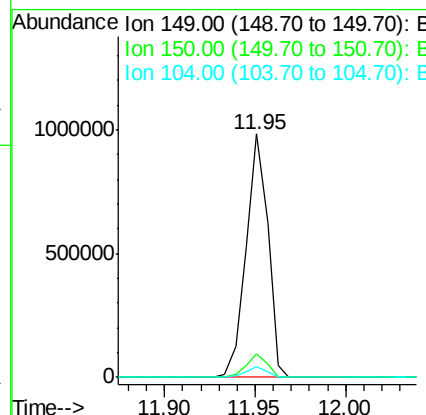
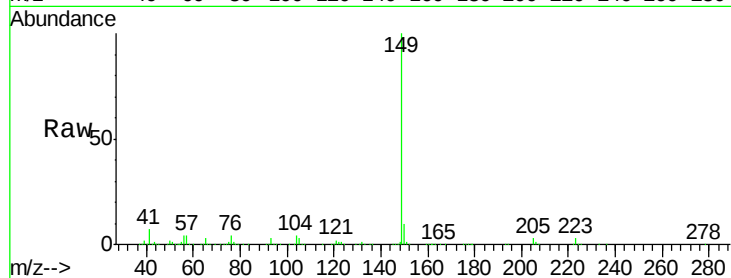




#73
Di-n-butylphthalate
Concen: 39.35 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

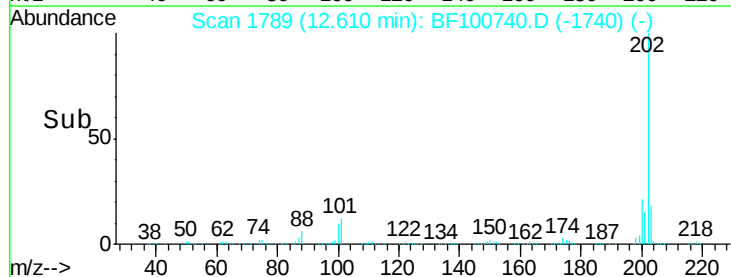
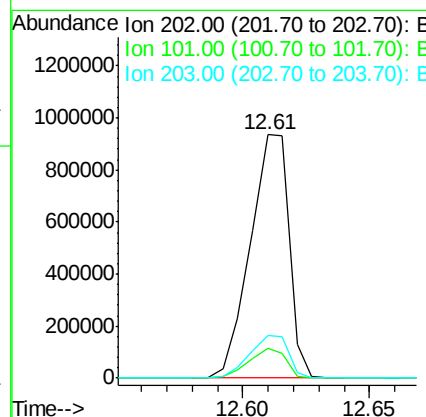
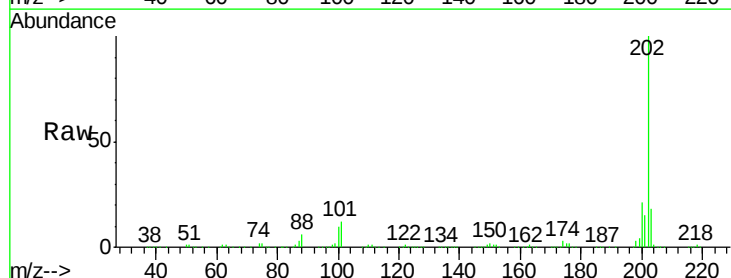
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

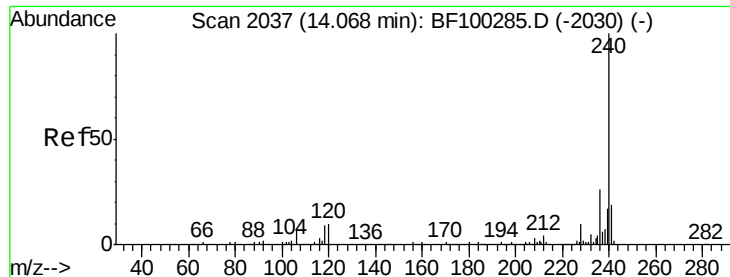
Tgt Ion:149 Resp: 820534
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 49.69 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:202 Resp: 1002313
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 17.7 0.0 38.1

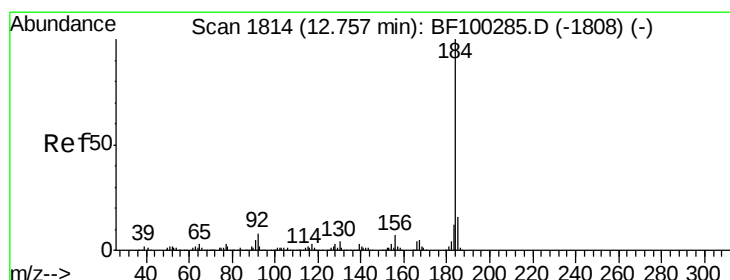
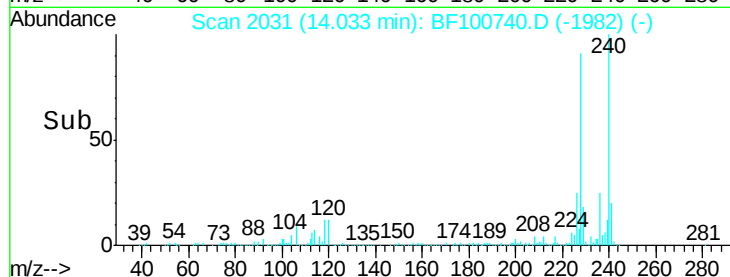
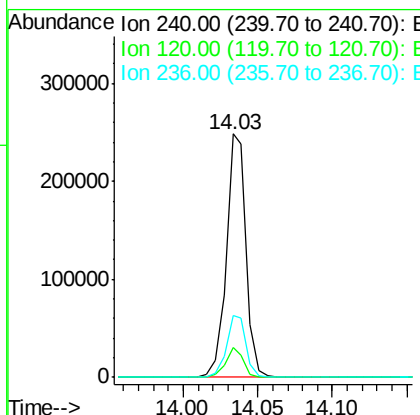
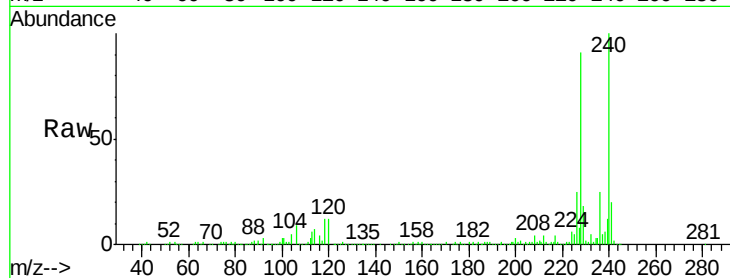




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

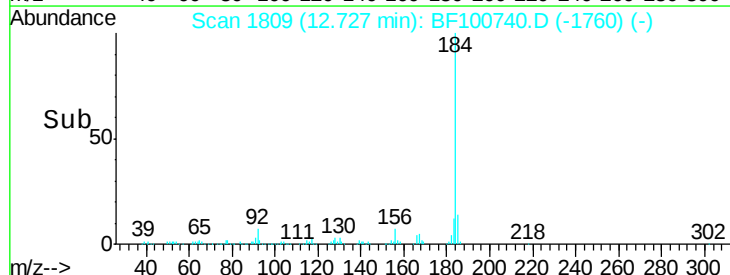
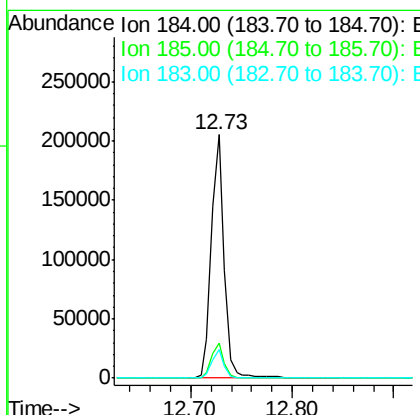
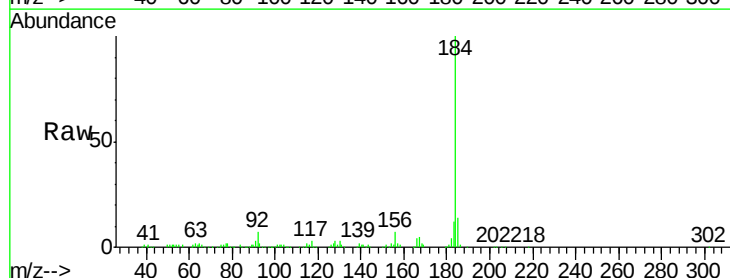
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

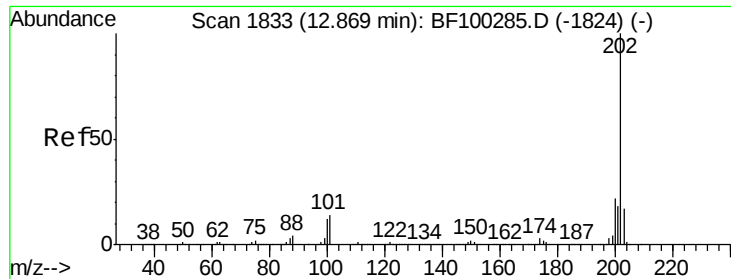
Tgt Ion:240 Resp: 231594
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.2 20.7 31.1



#76
Benzidine
Concen: 19.49 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:184 Resp: 180752
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 12.0 9.3 13.9





#77

Pyrene

Concen: 58.72 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

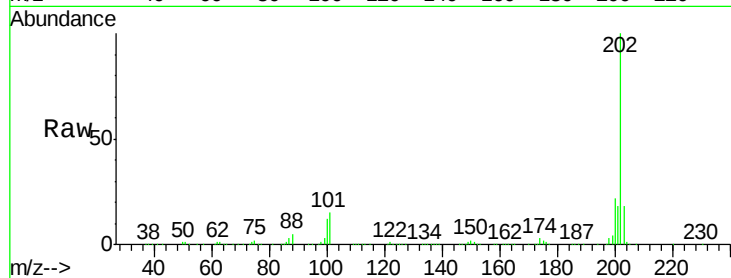
Tgt Ion:202 Resp: 969389

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

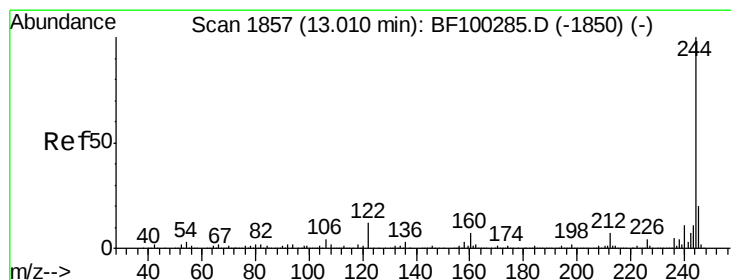
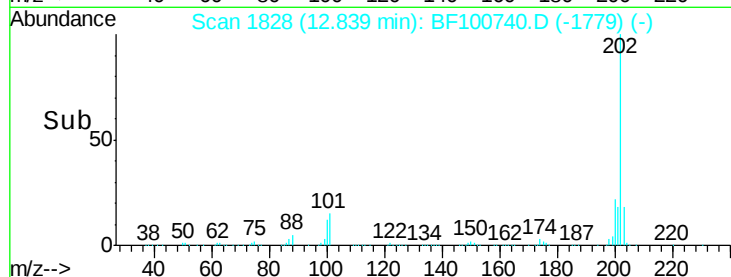
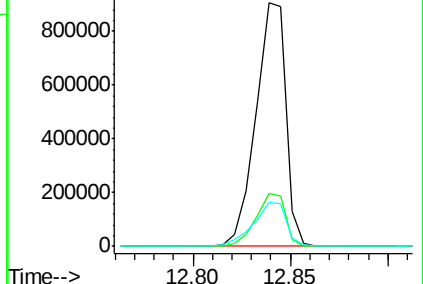
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.20 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

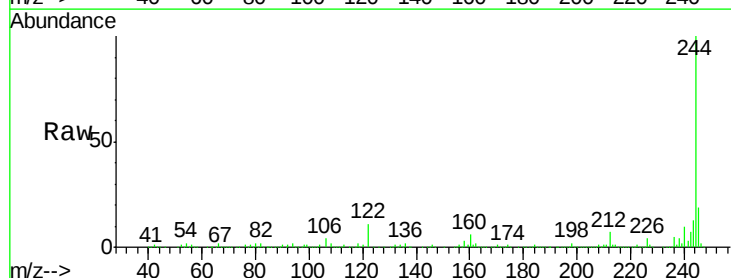
Tgt Ion:244 Resp: 899051

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

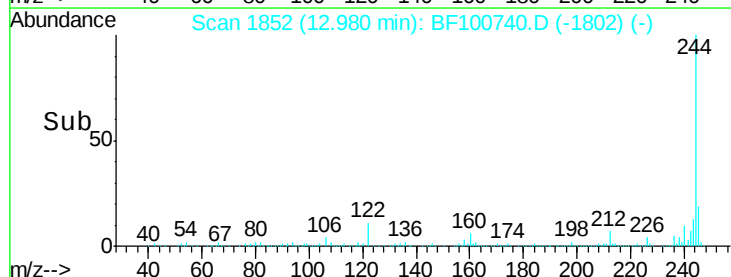
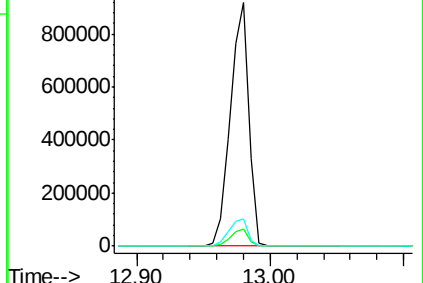
122 11.0 11.0 16.4

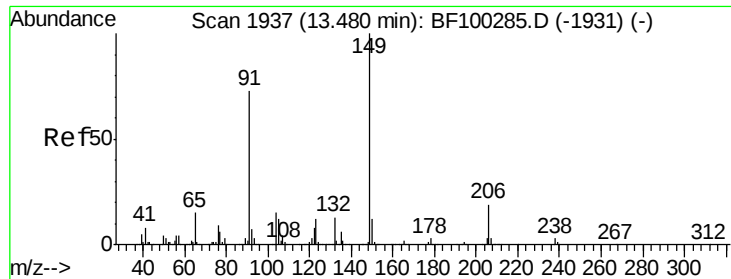


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

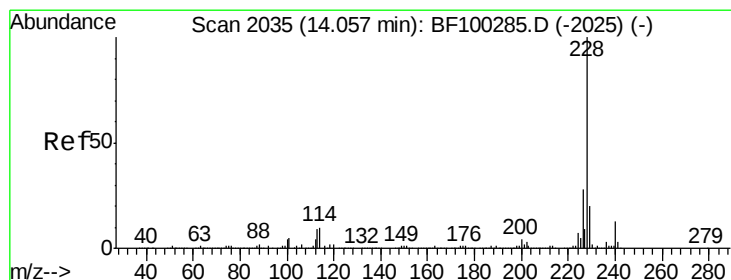
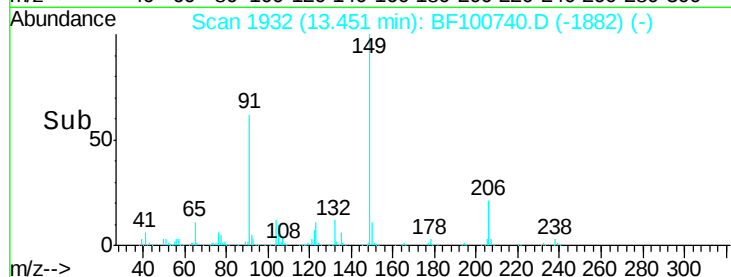
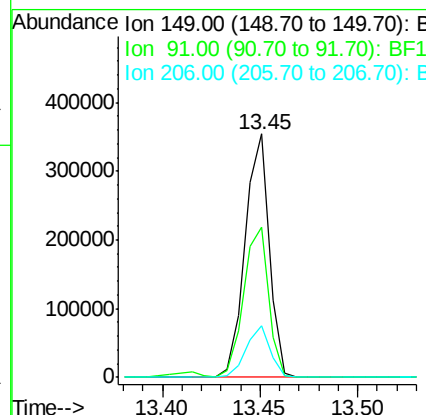
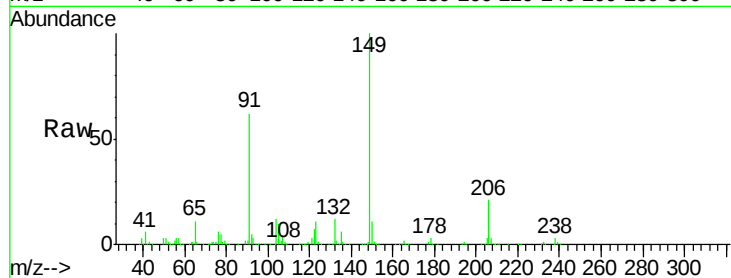




#79
Butylbenzylphthalate
Concen: 45.19 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

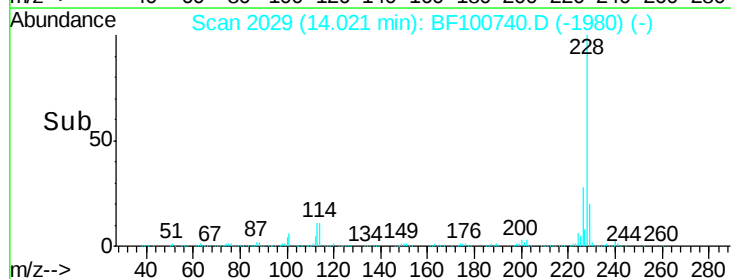
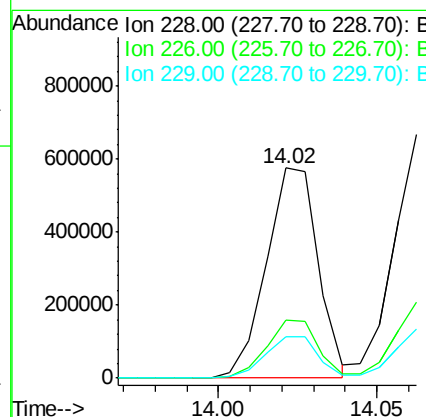
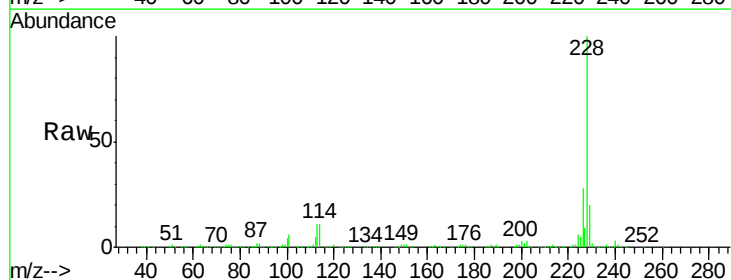
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

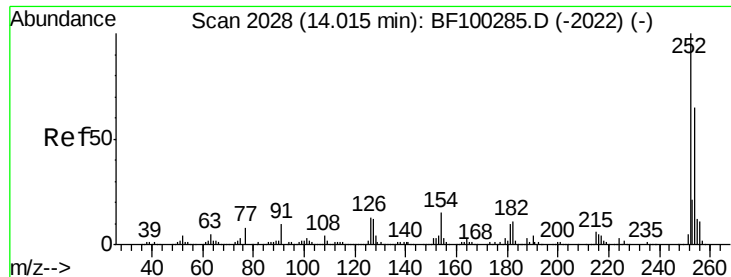
Tgt Ion:149 Resp: 304267
Ion Ratio Lower Upper
149 100
91 61.9 56.8 85.2
206 21.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 46.86 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:228 Resp: 653495
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6

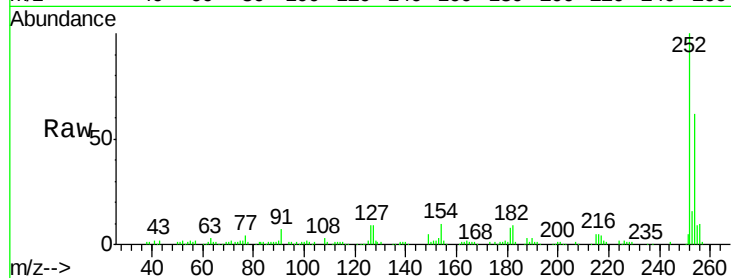




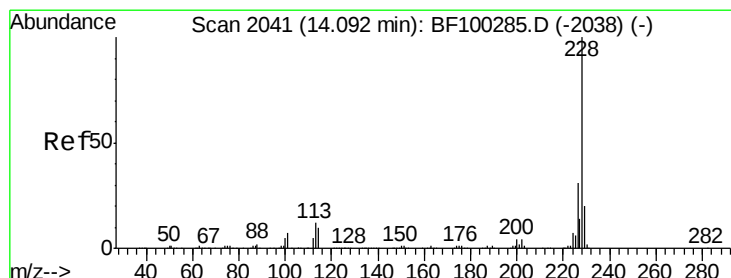
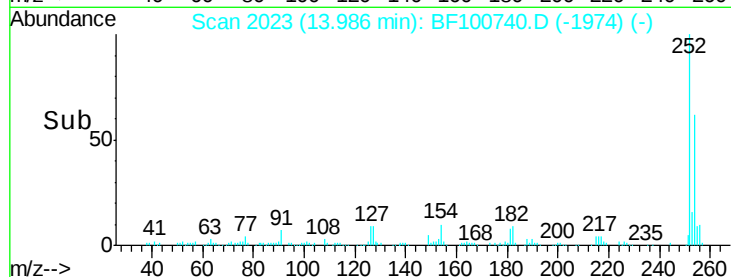
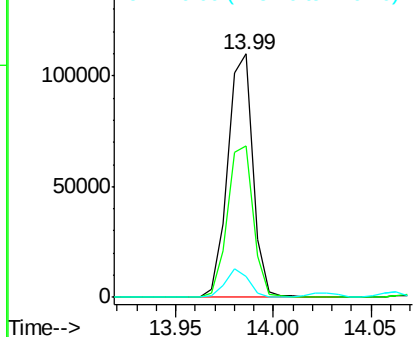
#81
 3,3'-Dichlorobenzidine
 Concen: 19.65 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tgt Ion: 252 Resp: 98206
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 8.6 11.3 16.9#

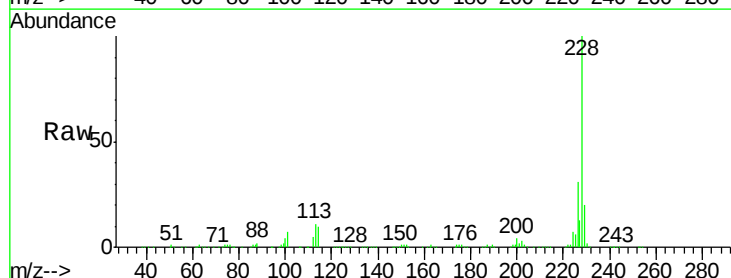


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

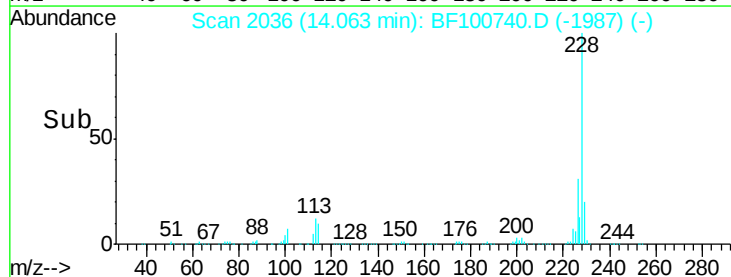
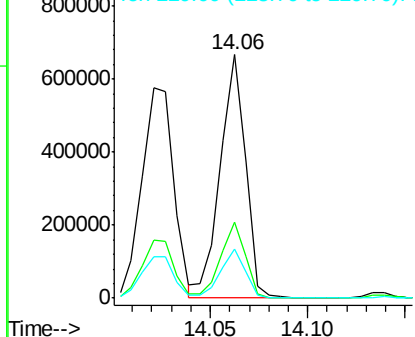


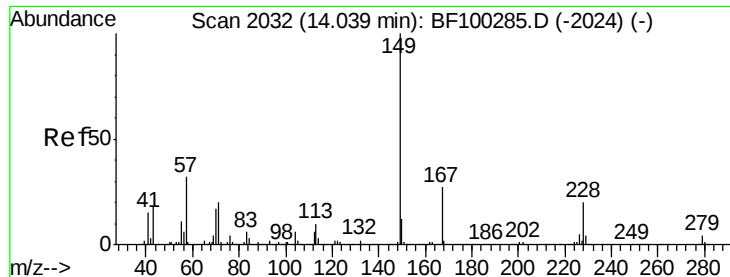
#82
 Chrysene
 Concen: 44.27 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion: 228 Resp: 597919
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.9 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

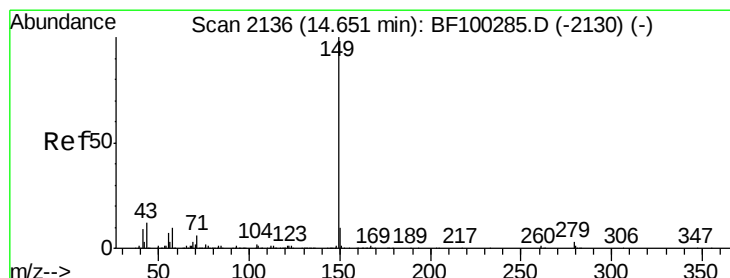
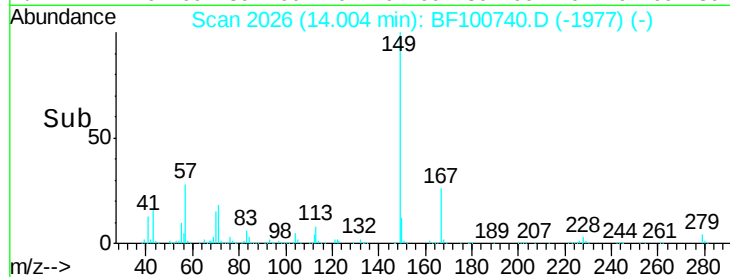
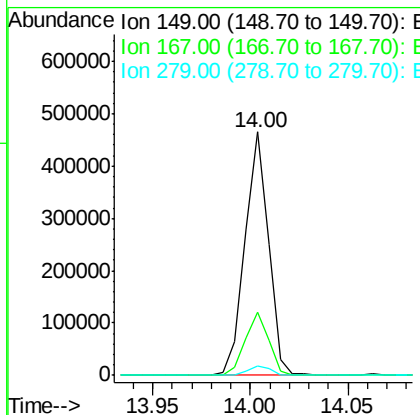
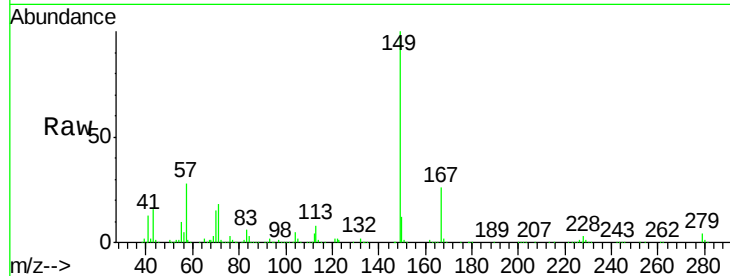




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.96 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

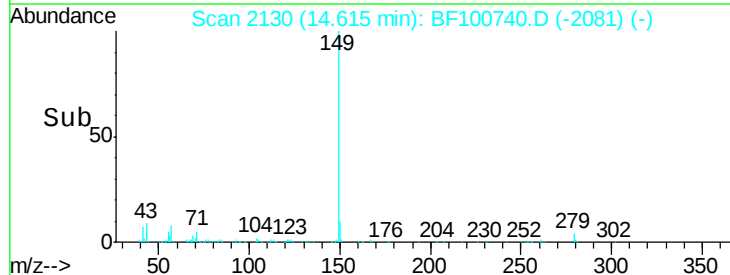
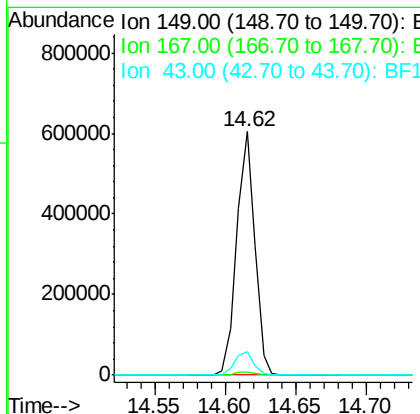
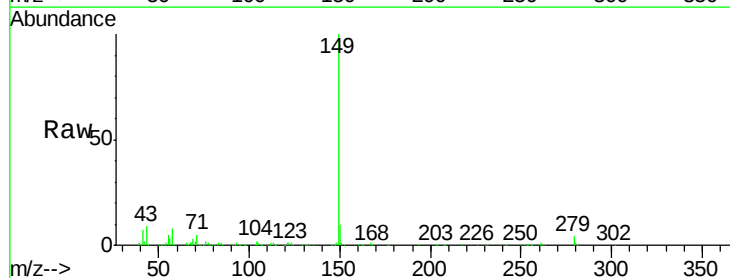
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

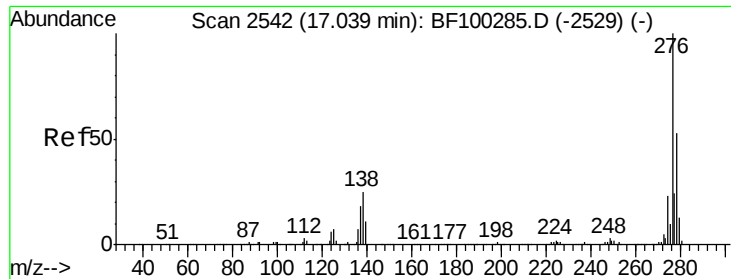
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.7	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 35.49 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6

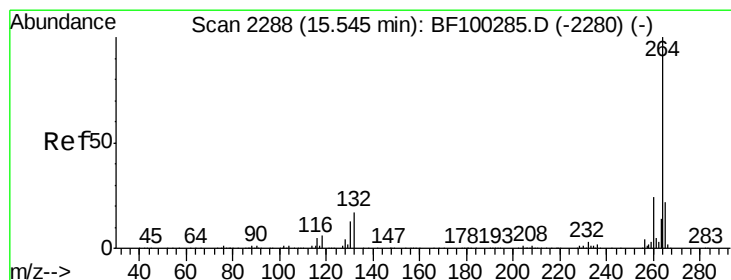
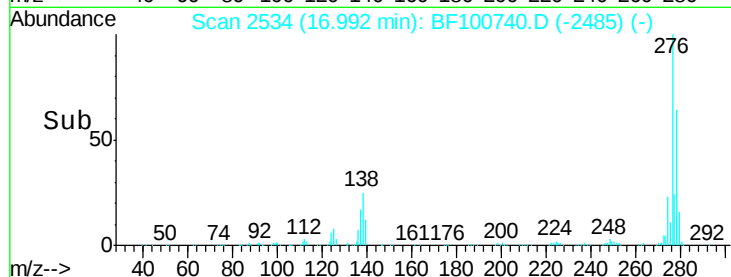
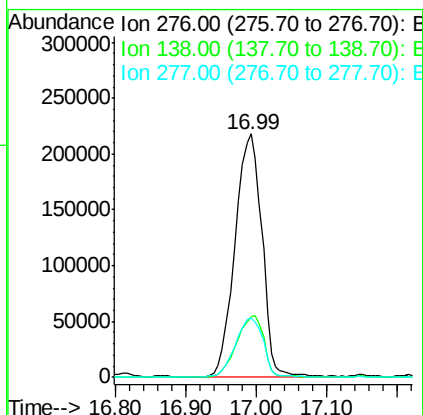
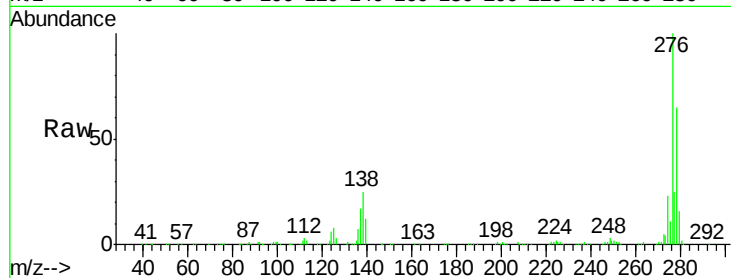




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.33 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

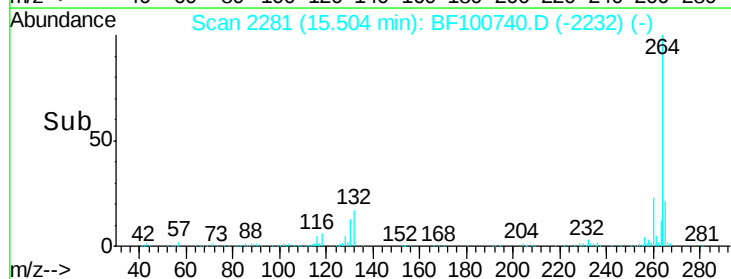
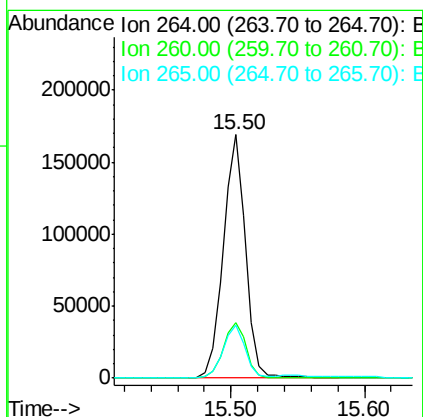
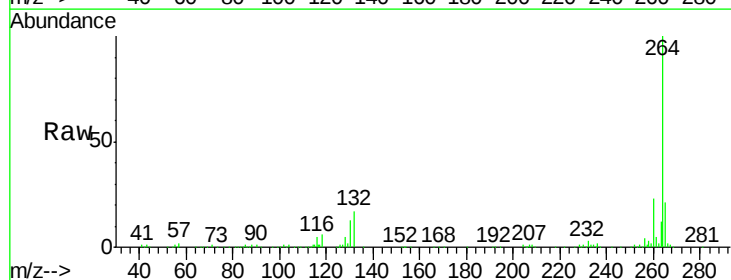
Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

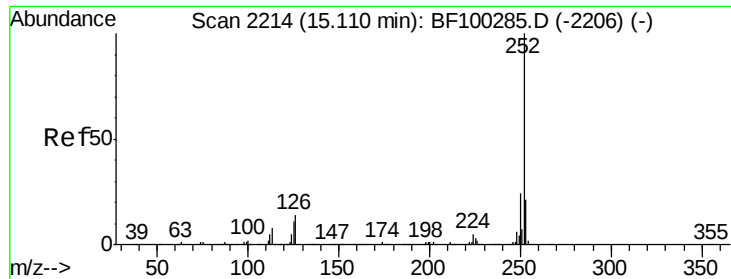
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.5	26.3

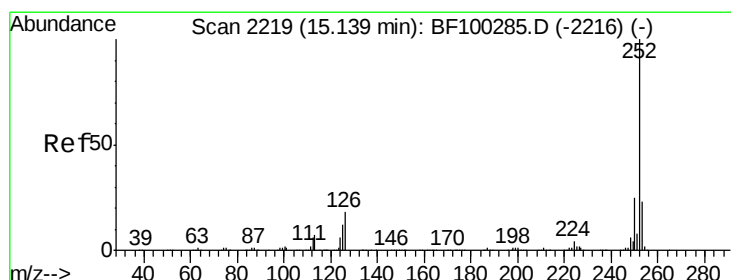
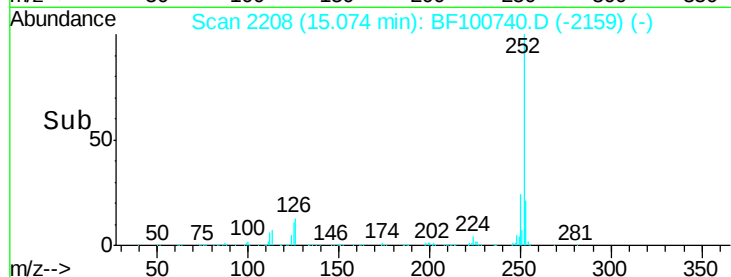
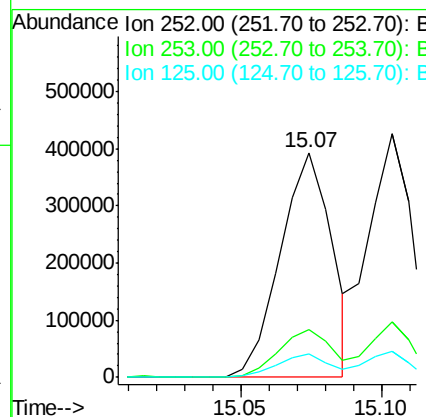
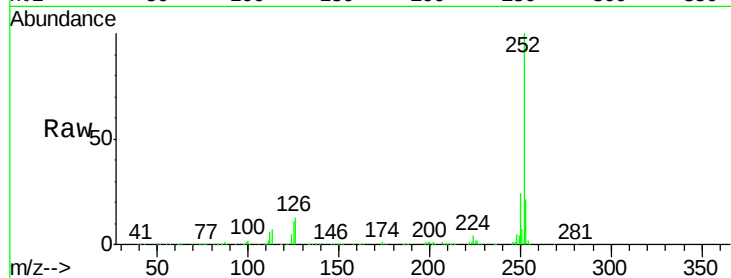




#87
Benzo(b)fluoranthene
Concen: 42.21 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

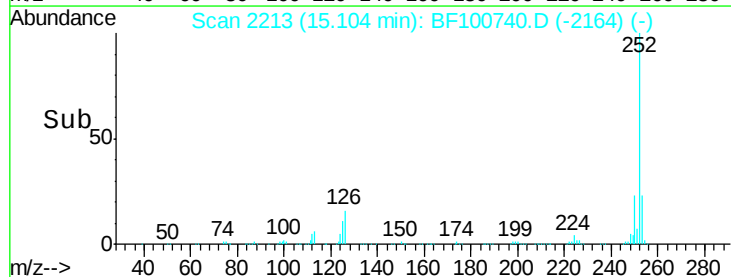
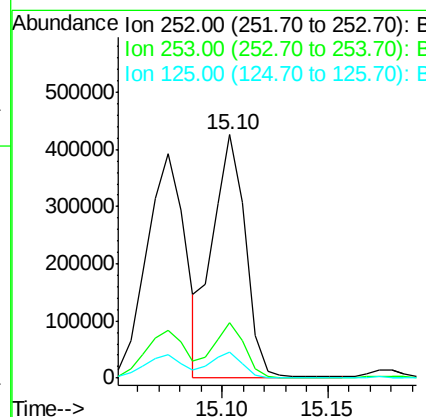
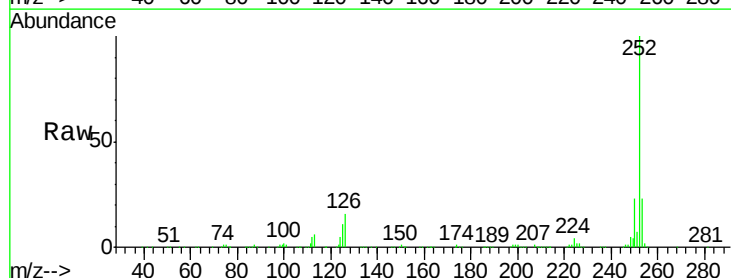
Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

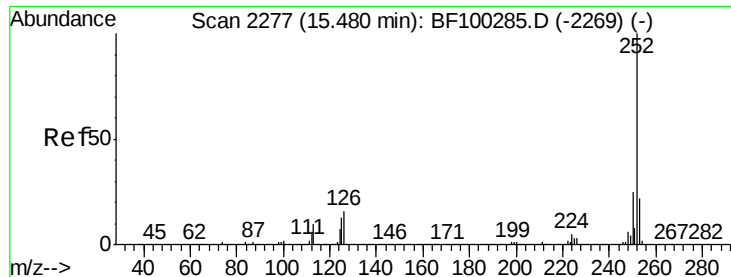
Tgt Ion:252 Resp: 497634
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.43 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion:252 Resp: 461465
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.46 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

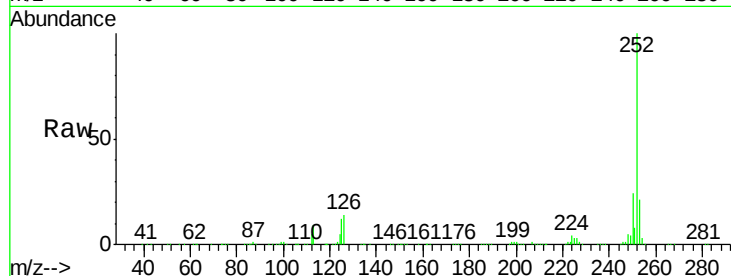
Tgt Ion:252 Resp: 475103

Ion Ratio Lower Upper

252 100

253 20.6 17.1 25.7

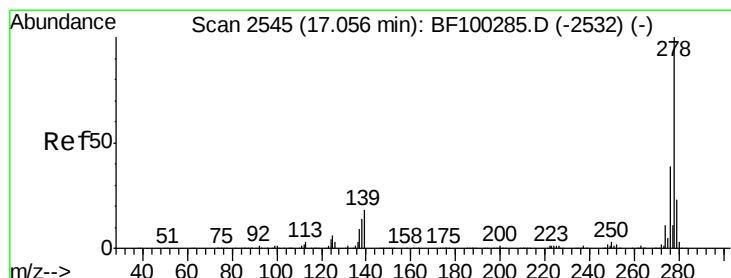
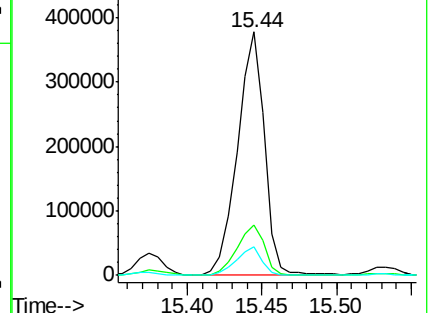
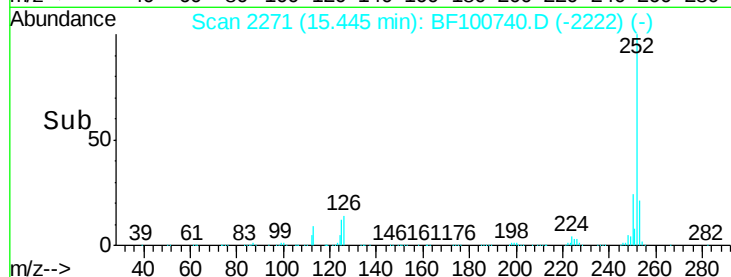
125 11.7 9.8 14.6



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: 52.23 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

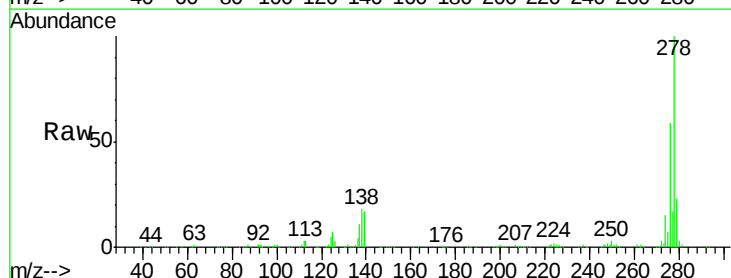
Tgt Ion:278 Resp: 446411

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

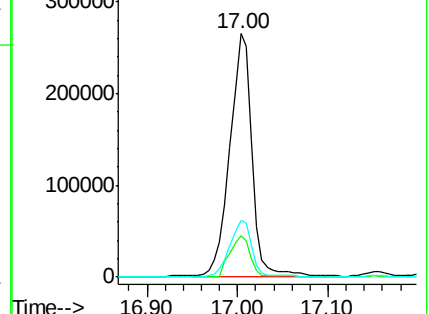
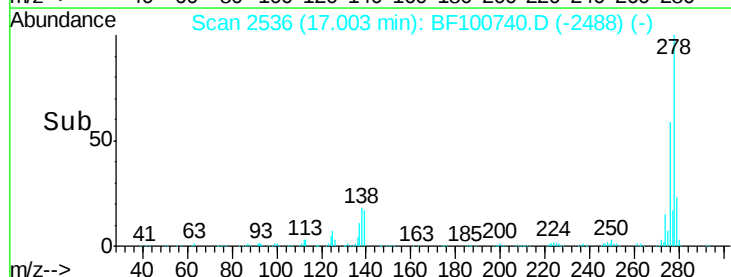
279 23.1 19.0 28.4

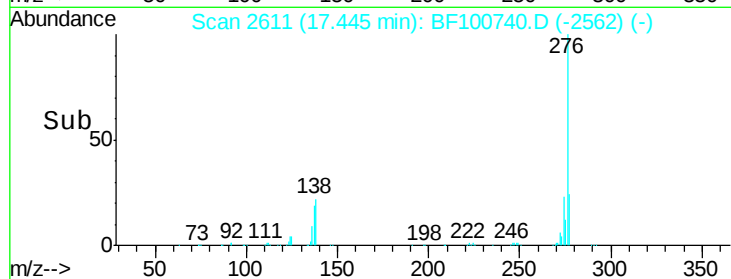
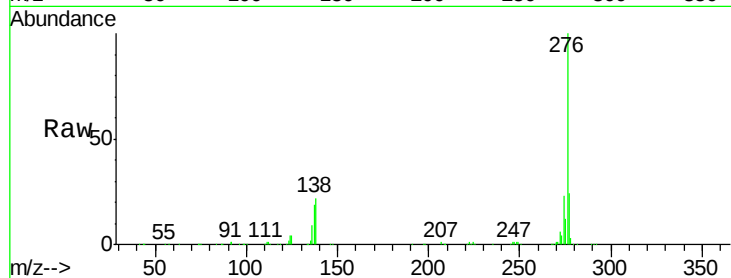
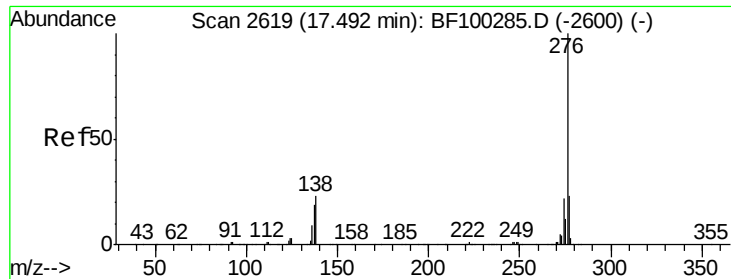


Abundance Ion 278.00 (277.70 to 278.70): E

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: 61.44 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tgt Ion:276 Resp: 514053

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 22.2 21.8 32.8

