

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100841.D
 Acq On : 22 Nov 2017 23:28
 Operator : SJ/JU
 Sample : I6512-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:41:19 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	6.86	152	89950	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	353795	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	165431	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	301011	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	192329	20.00	ng	-0.02
86) Perylene-d12	15.50	264	201254	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	502675	89.58	ng	0.00
7) Phenol-d6	6.49	99	636992	92.06	ng	-0.02
23) Nitrobenzene-d5	7.42	82	396484	74.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	169591	100.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	694720	63.95	ng	-0.02
78) Terphenyl-d14	12.97	244	498289	59.53	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.50	93	823	0.084	ng	# 1
8) 2-Chlorophenol	6.65	128	113	0.019	ng	# 8
9) Benzaldehyde	6.63	77	10736	2.173	ng	84
10) Phenol	6.50	94	17931	2.468	ng	93
11) bis(2-Chloroethyl)ether	6.63	93	600	0.098	ng	# 1
15) Benzyl Alcohol	7.02	79	6117	1.133	ng	# 43
19) n-Nitroso-di-n-propylamine	7.42	70	51746	10.783	ng	# 82
22) Acetophenone	7.26	105	1560	0.181	ng	# 80
24) Nitrobenzene	7.42	77	1159	0.210	ng	# 35
25) Isophorone	7.42	82	396476	35.257	ng	# 64
31) Naphthalene	8.16	128	20283	1.190	ng	99
33) 4-Chloroaniline	8.16	127	2553	0.360	ng	# 32
37) 2-Methylnaphthalene	8.85	142	3312	0.293	ng	91
45) 1,1'-Biphenyl	9.32	154	3083	0.215	ng	97
46) 2-Chloronaphthalene	9.61	162	185	0.018	ng	# 1
47) 2-Nitroaniline	9.60	65	130	2.824	ng	# 1
48) Acenaphthylene	9.76	152	12098	0.703	ng	99
49) Dimethylphthalate	9.60	163	37495	2.969	ng	100
50) 2,6-Dinitrotoluene	9.90	165	20926	8.370	ng	# 26
51) Acenaphthene	9.93	154	1659	0.159	ng	98
54) Dibenzofuran	10.10	168	3051	0.208	ng	96
55) 4-Nitrophenol	10.10	139	1116	0.466	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	20926	6.635	ng	# 24
57) Fluorene	10.44	166	2113	0.197	ng	# 97
59) Diethylphthalate	10.31	149	10185	0.806	ng	95
62) Azobenzene	10.60	77	934	0.078	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	168	8.661	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	5225	0.499	ng	# 50
66) 4-Bromophenyl-phenylether	10.69	248	10127	3.138	ng	# 1
70) Phenanthrene	11.40	178	69504	4.385	ng	99
71) Anthracene	11.46	178	15113	0.940	ng	99
72) Carbazole	11.61	167	9115	0.614	ng	98
73) Di-n-butylphthalate	11.94	149	5381	0.310	ng	# 91
74) Fluoranthene	12.60	202	233786	13.919	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

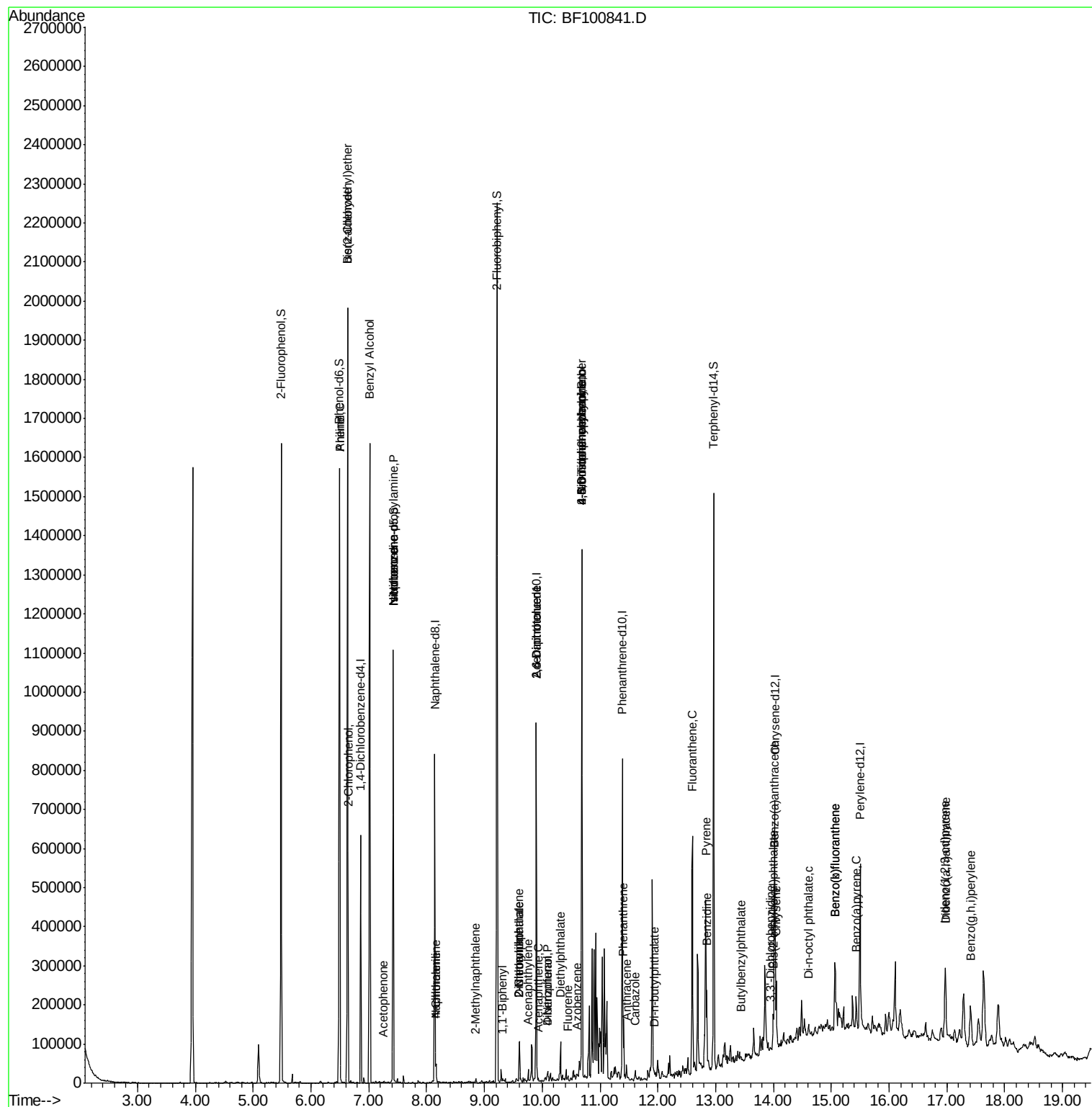
76) Benzidine	12.85	184	495	0.064	nq	# 1
77) Pyrene	12.83	202	179422	13.087	nq	97
79) Butylbenzylphthalate	13.44	149	1272	0.228	nq	# 76
80) Benzo(a)anthracene	14.01	228	57947	5.003	nq	95
81) 3,3'-Dichlorobenzidine	13.95	252	110	0.027	nq	# 27
82) Chrysene	14.05	228	76164	6.791	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	23145	3.147	nq	100
84) Di-n-octyl phthalate	14.61	149	6759	0.535	nq	# 96
85) Indeno(1,2,3-cd)pyrene	16.97	276	28613	3.154	nq	# 87
87) Benzo(b)fluoranthene	15.06	252	122824	10.301	nq	99
88) Benzo(k)fluoranthene	15.06	252	122824	10.902	nq	98
89) Benzo(a)pyrene	15.43	252	41613	3.937	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	7796	0.902	nq	# 74
91) Benzo(g,h,i)perylene	17.42	276	26333	3.112	nq	94

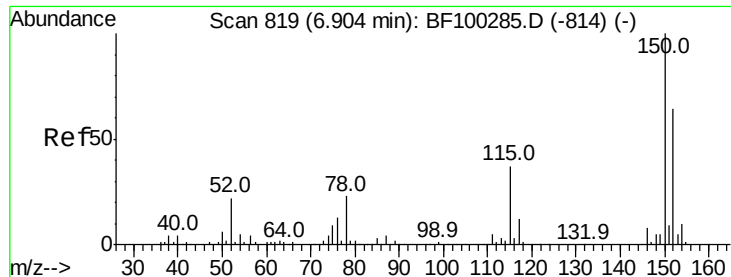
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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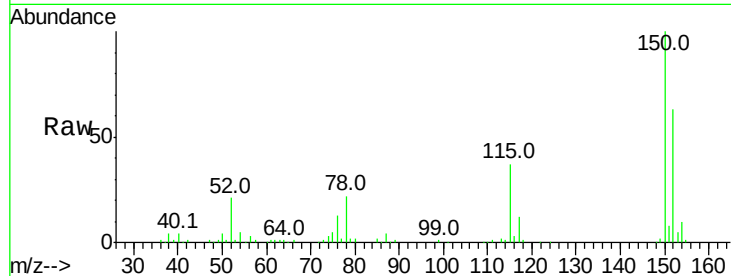


#1

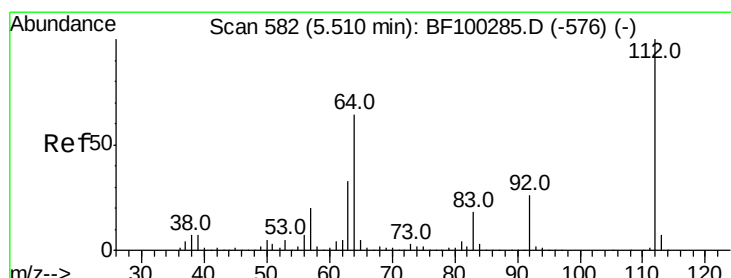
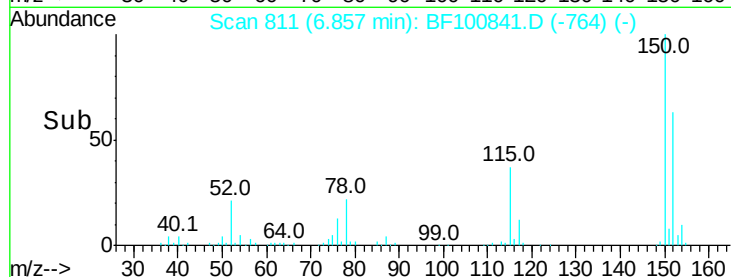
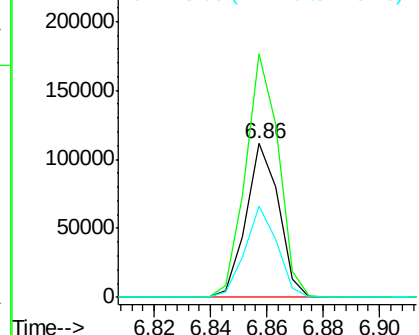
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89950
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 59.2 50.1 75.1



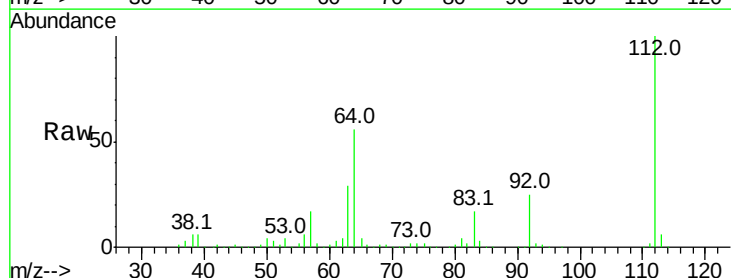
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



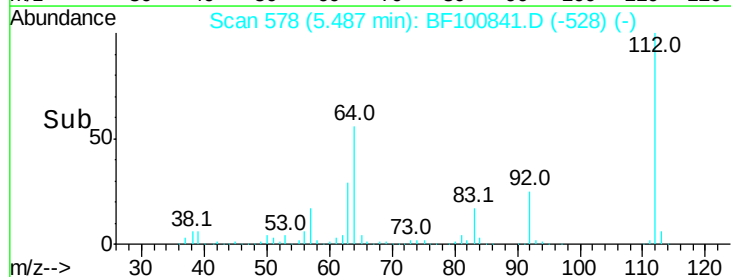
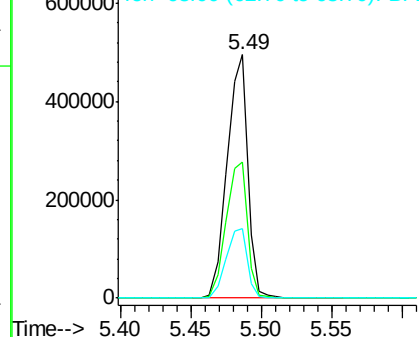
#5

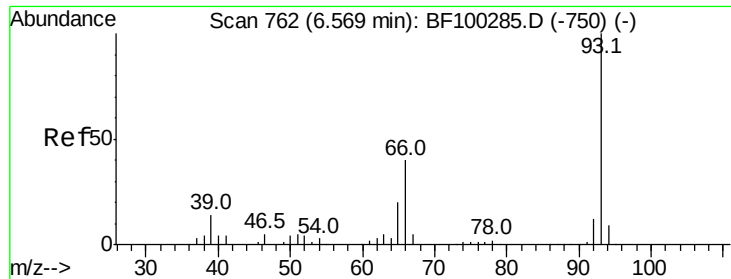
2-Fluorophenol
Concen: 89.581 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:112 Resp: 502675
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.8 23.7 35.5



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





#6

Aniline

Concen: 0.084 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

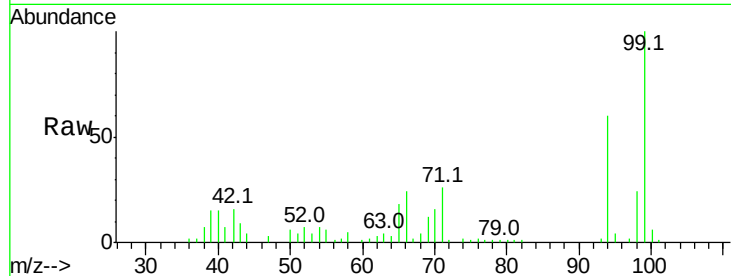
Tot Ion: 93 Resp: 823

Ion Ratio Lower Upper

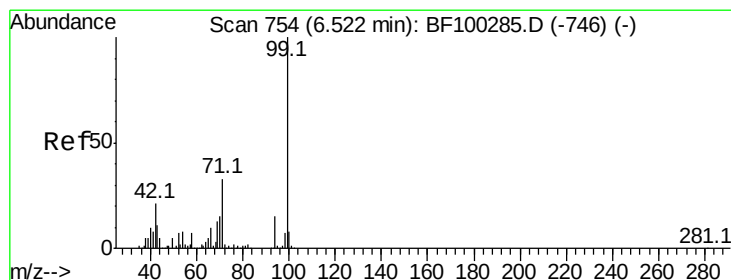
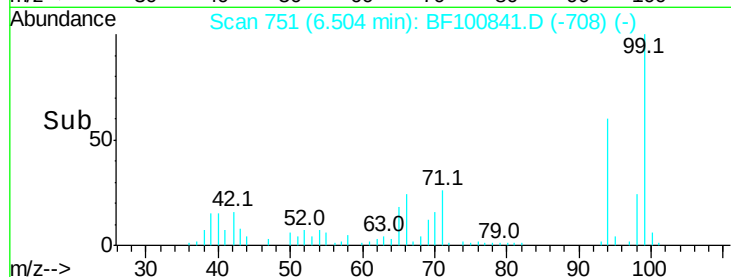
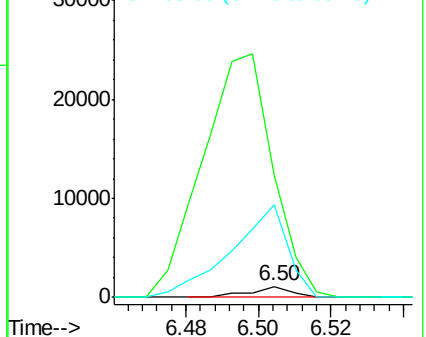
93 100

66 1111.4 32.2 48.2#

65 838.7 16.4 24.6#



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



#7

Phenol-d6

Concen: 92.056 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

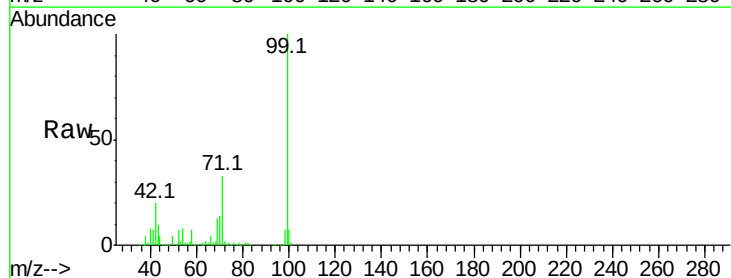
Tgt Ion: 99 Resp: 636992

Ion Ratio Lower Upper

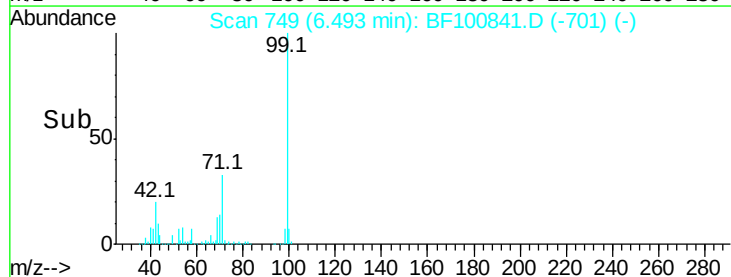
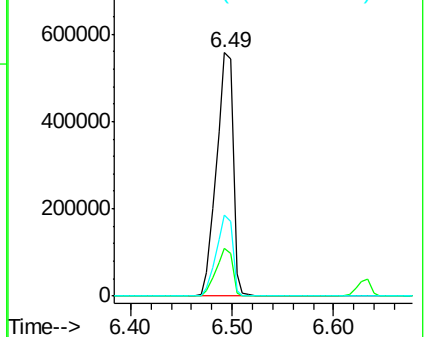
99 100

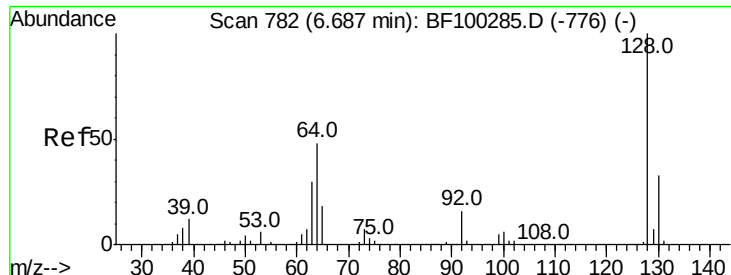
42 19.7 14.5 21.7

71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.019 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

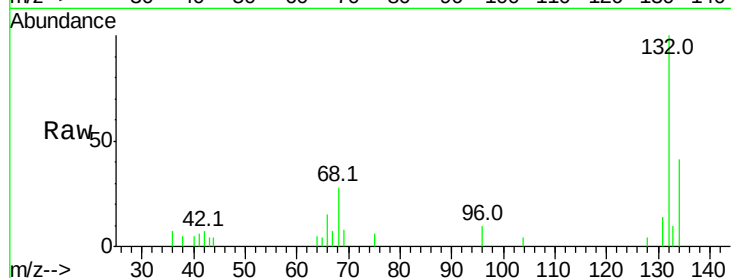
Tot Ion:128 Resp: 113

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

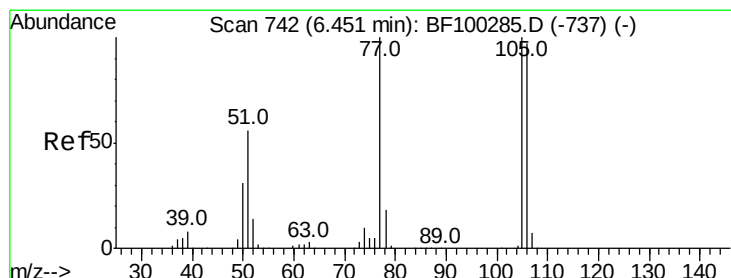
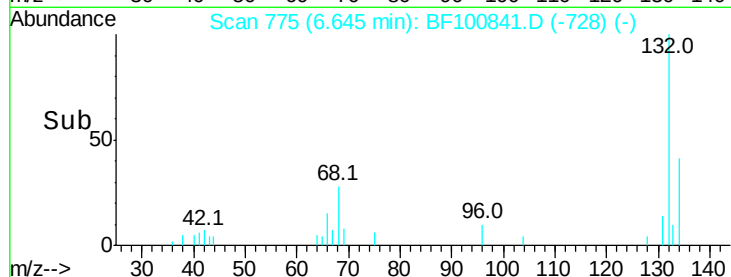
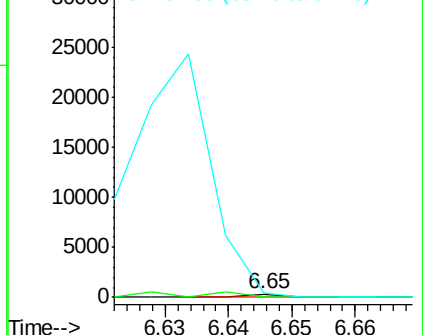
64 127.6 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 2.173 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.20 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

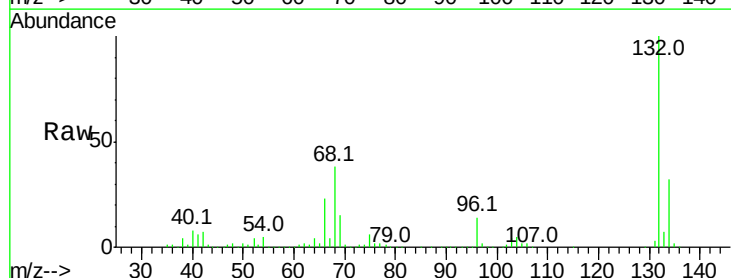
Tgt Ion: 77 Resp: 10736

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

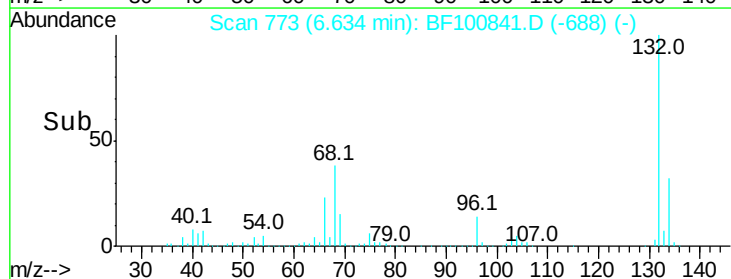
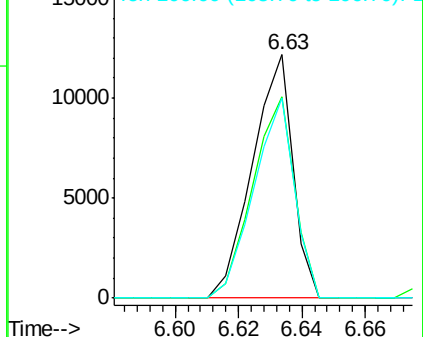
106 82.2 74.5 114.5

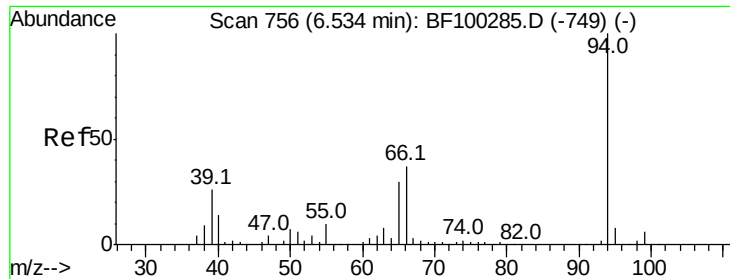


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.468 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampled :

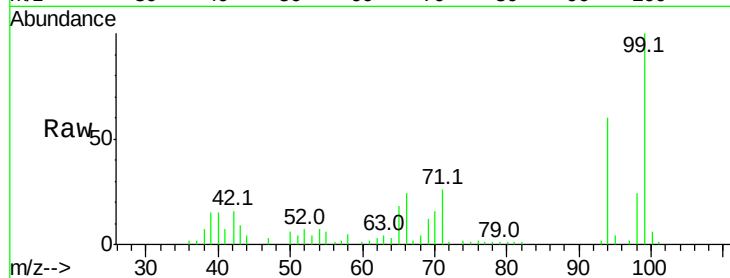
Tot Ion: 94 Resp: 17931

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

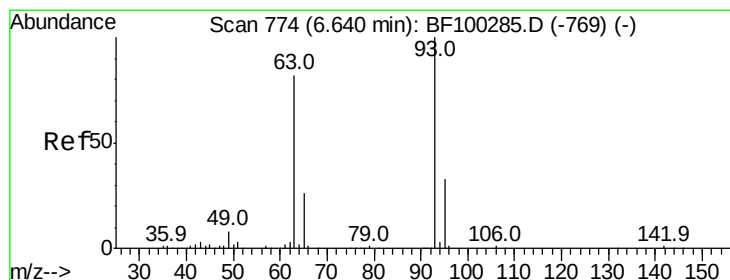
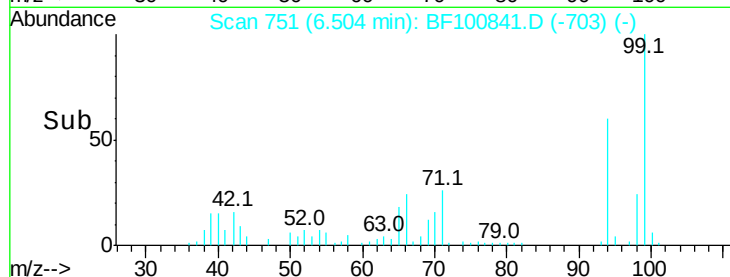
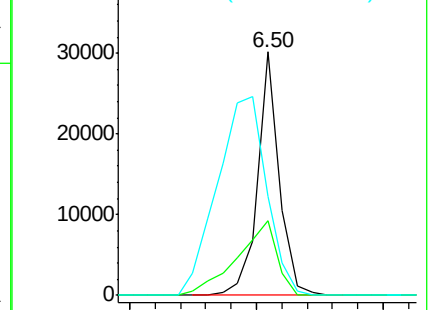
66 40.9 16.2 56.2



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: 0.098 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

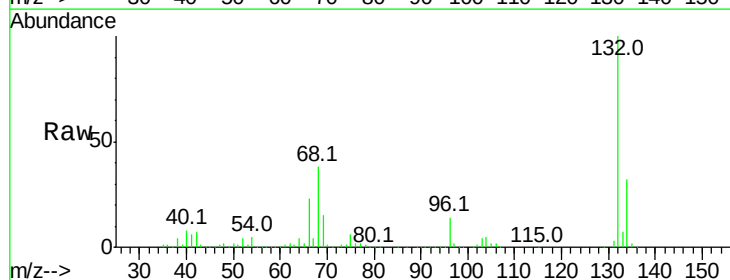
Tgt Ion: 93 Resp: 600

Ion Ratio Lower Upper

93 100

63 758.0 58.6 98.6#

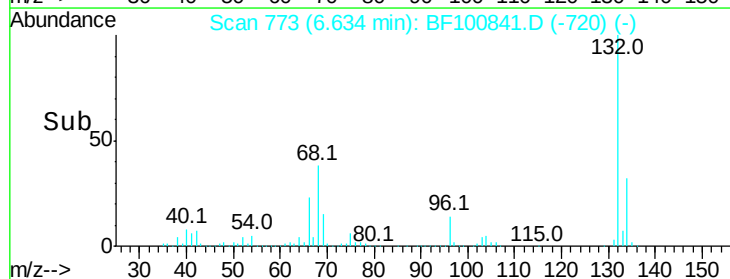
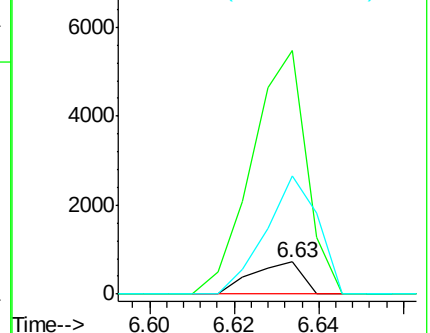
95 366.2 11.8 51.8#

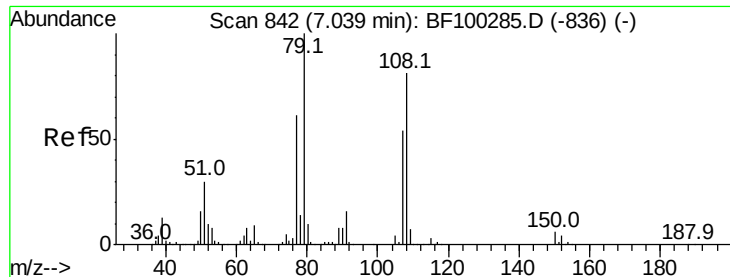


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.133 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100841.D

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ClientSampleId :

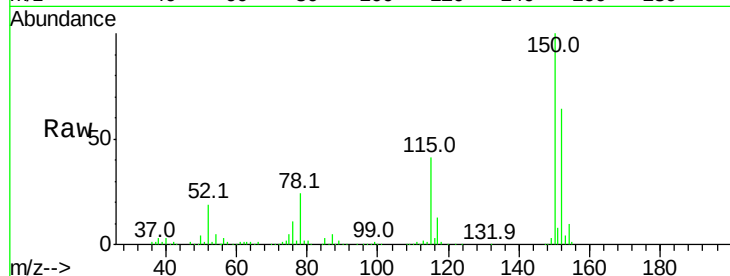
Tot Ion: 79 Resp: 6117

Ion Ratio Lower Upper

79 100

108 29.3 65.1 97.7#

77 105.2 50.6 75.8#

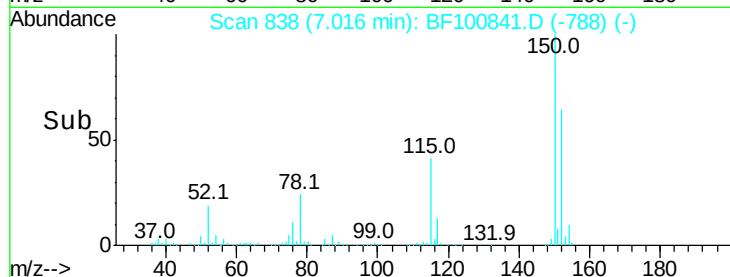


Abundance Ion 79.00 (78.70 to 79.70): BF1

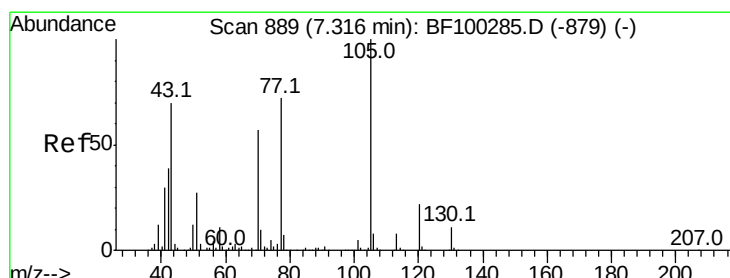
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 10.783 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Tgt Ion: 70 Resp: 51746

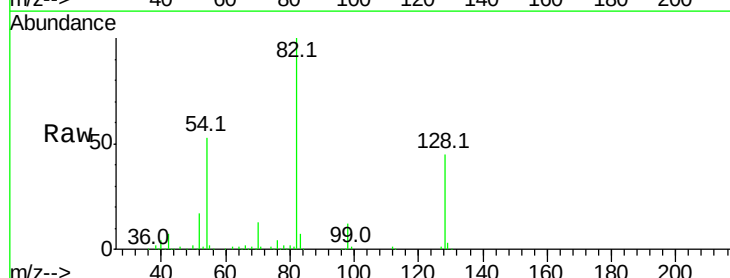
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



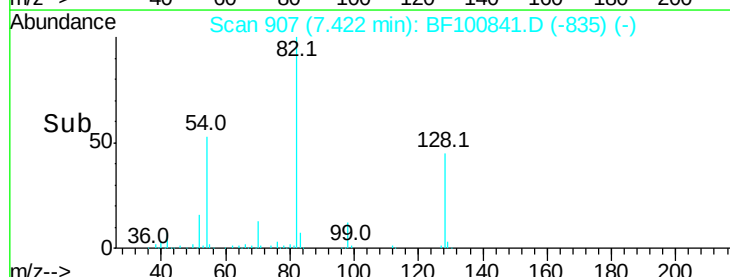
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

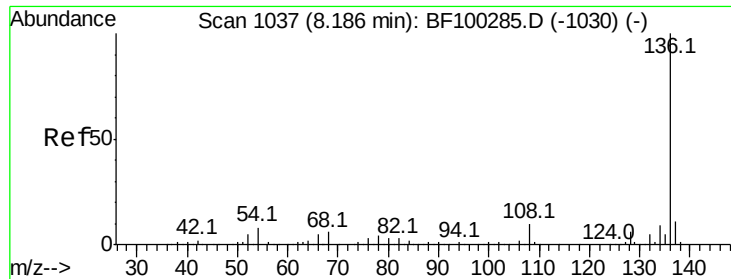
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



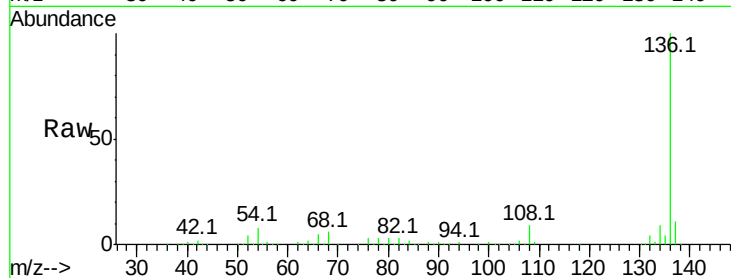
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	353795
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 8.1	6.6	9.8
68 5.6	5.0	7.4

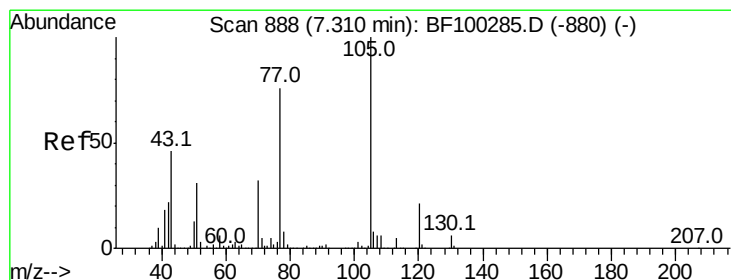
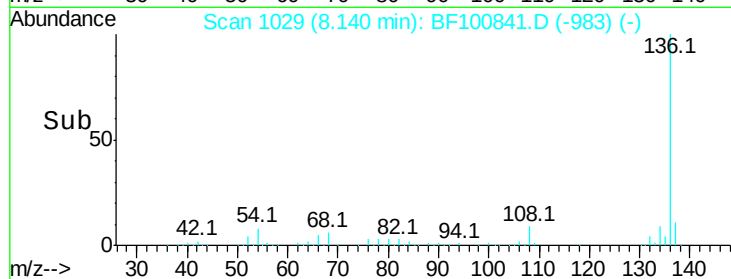
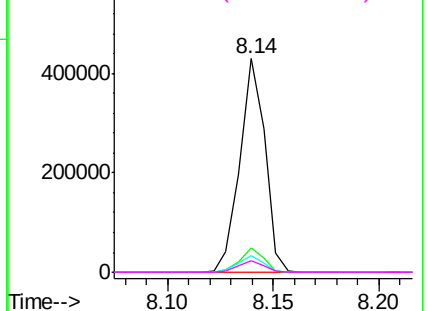


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

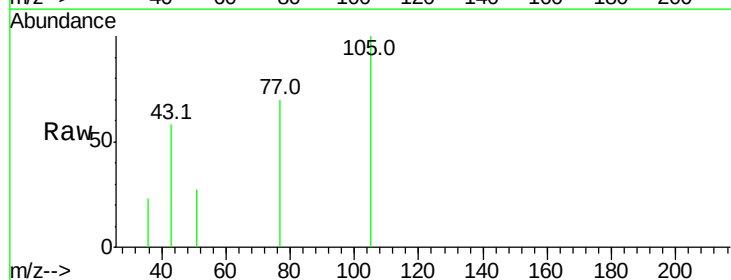
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.181 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt	Ion:105	Resp:	1560
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	26.8	22.3	33.5
120	0.0	16.9	25.3#

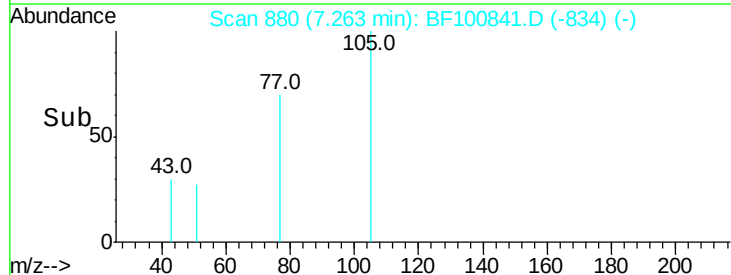
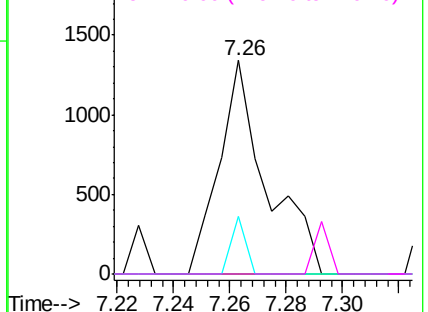


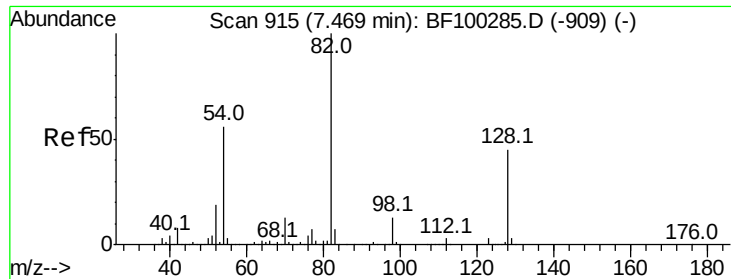
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

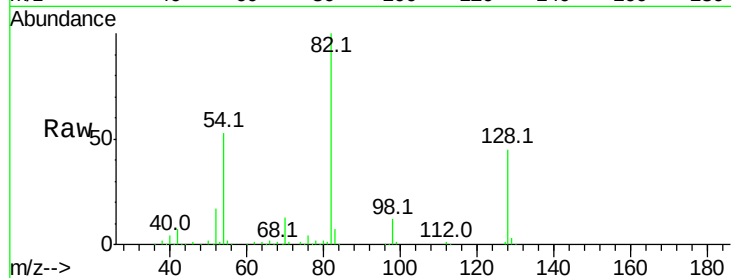




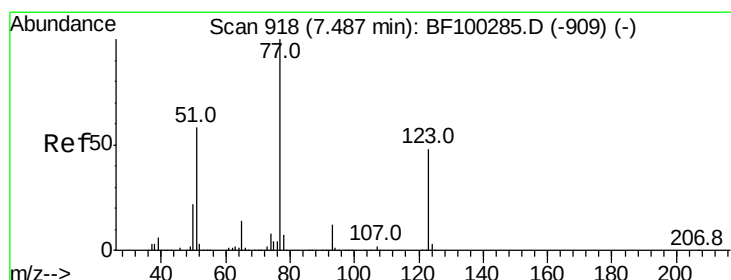
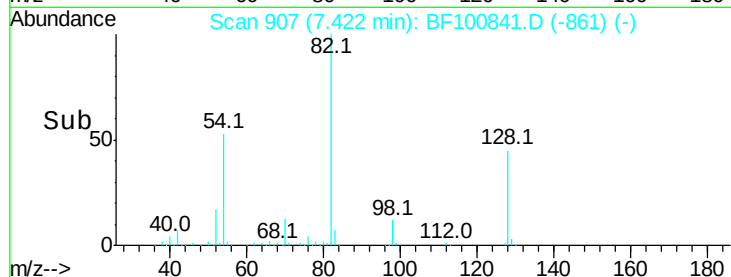
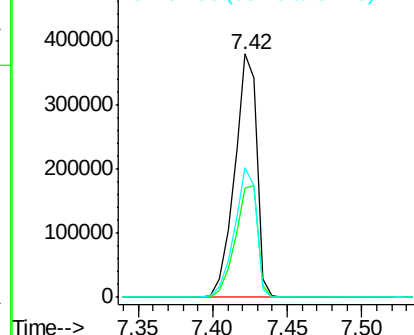
#23
Nitrobenzene-d5
Concen: 74.091 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 396484
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 53.3 41.4 62.2

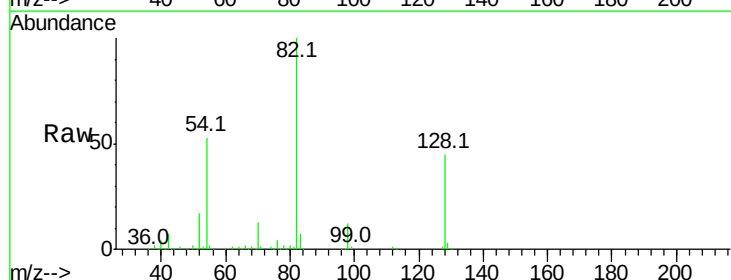


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

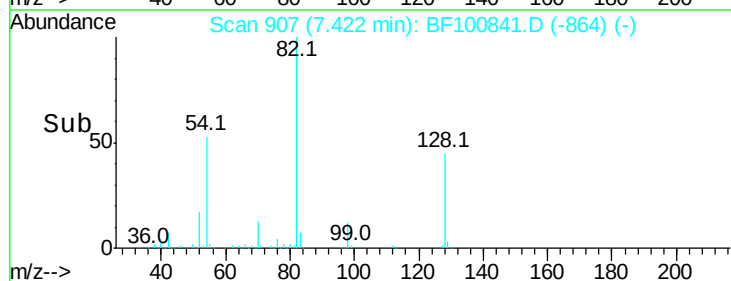
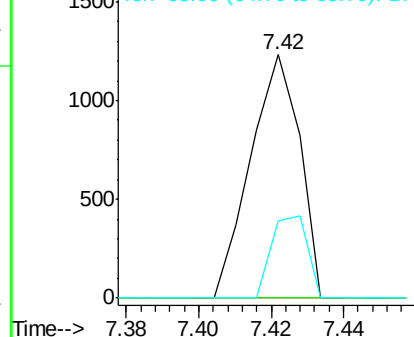


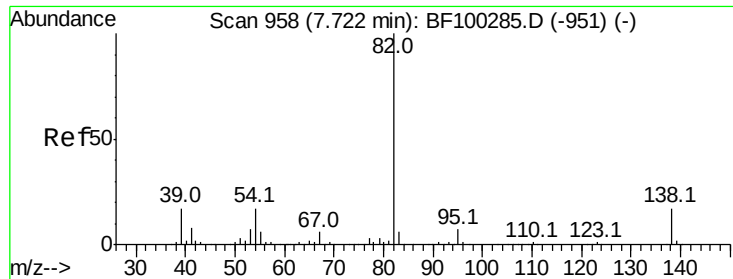
#24
Nitrobenzene
Concen: 0.210 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion: 77 Resp: 1159
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 31.6 11.0 16.4#



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





#25

Isophorone

Concen: 35.257 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

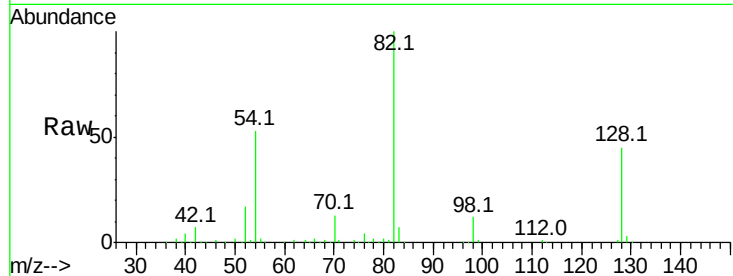
Tot Ion: 82 Resp: 396476

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

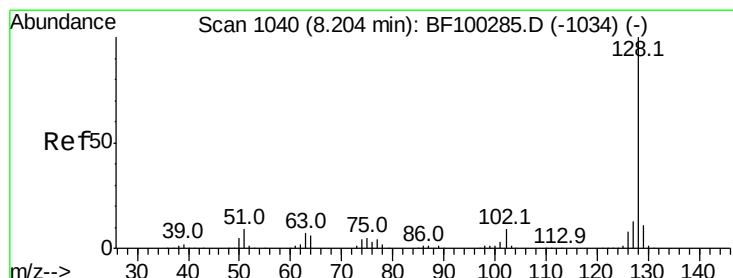
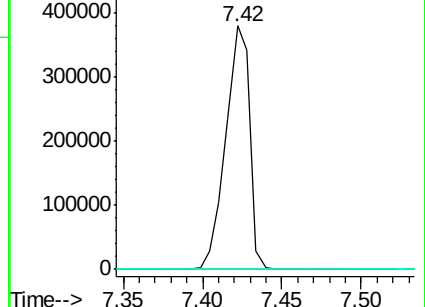
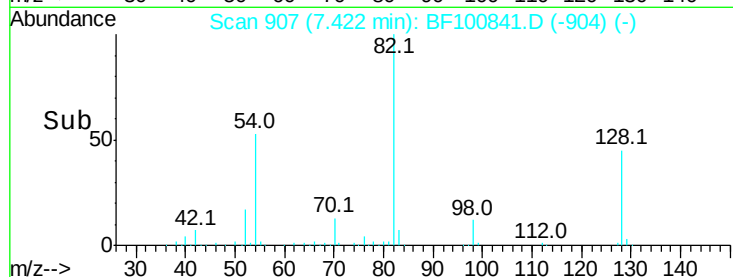
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 1.190 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

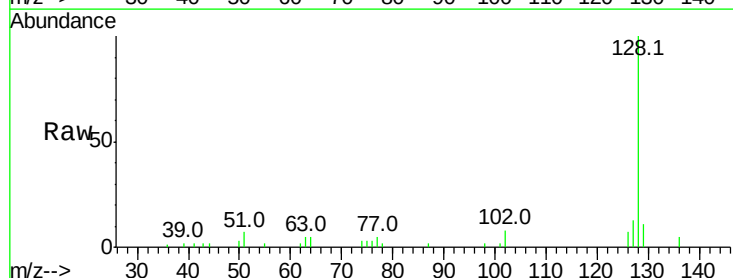
Tgt Ion: 128 Resp: 20283

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

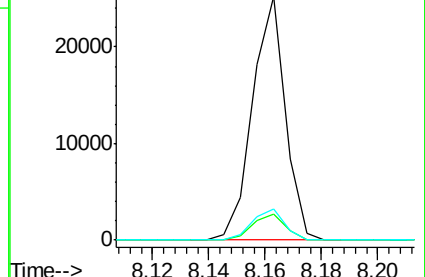
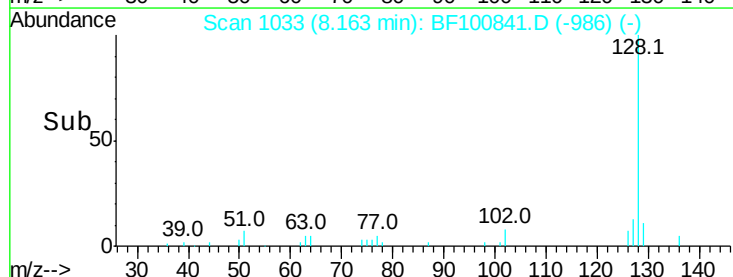
127 12.8 10.9 16.3

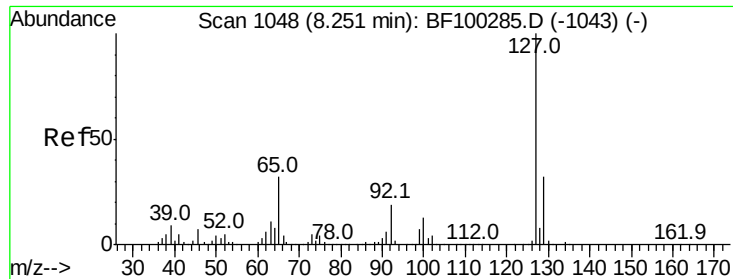


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

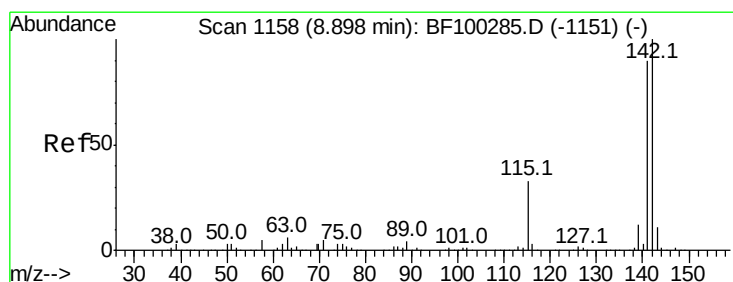
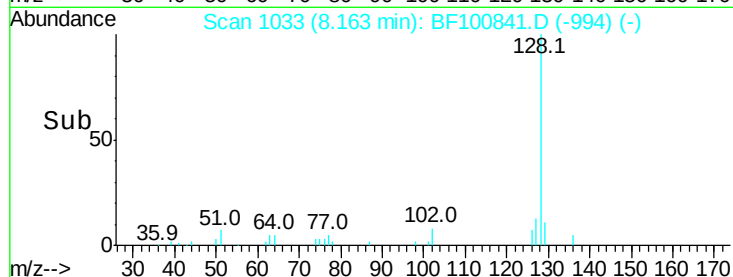
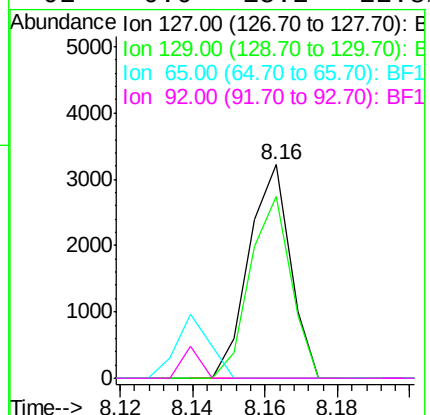
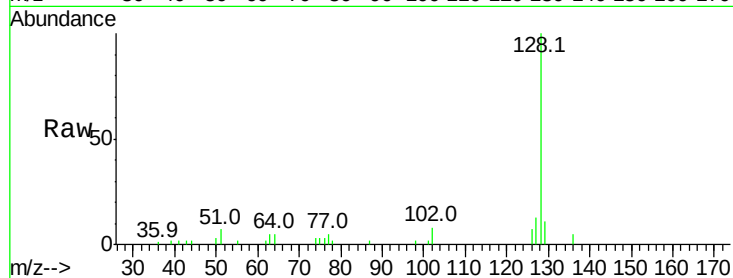




#33
4-Chloroaniline
Concen: 0.360 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

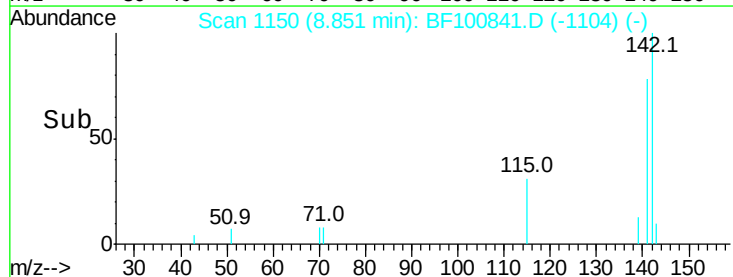
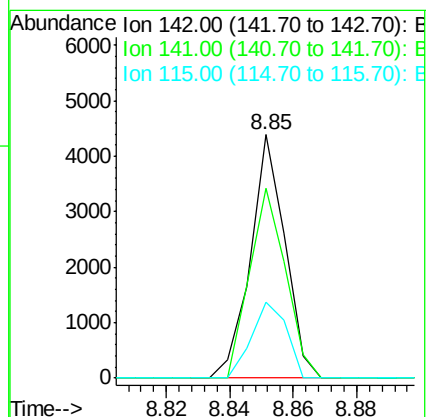
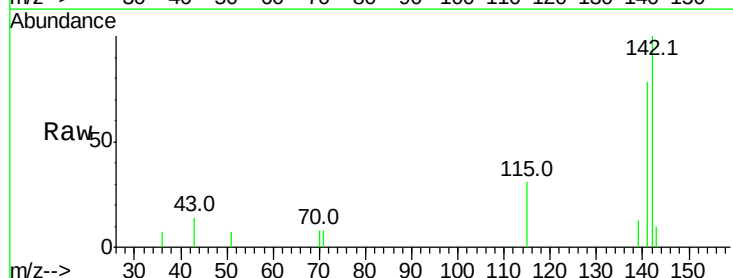
Instrument :
BNA_F
ClientSampleId :

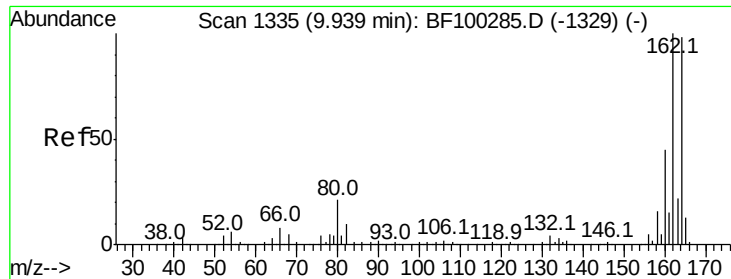
Tot Ion:	127	Resp:	2553
Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 0.293 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:	142	Resp:	3312
Ion	Ratio	Lower	Upper
142	100		
141	77.8	70.8	106.2
115	31.3	26.1	39.1

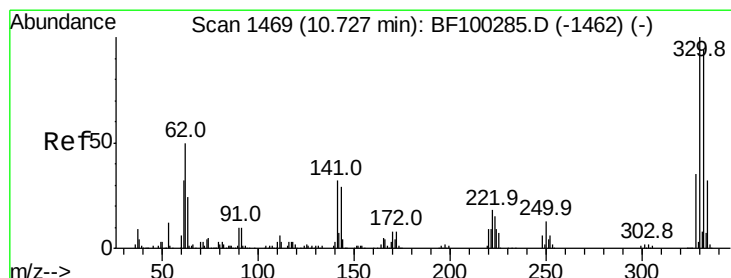
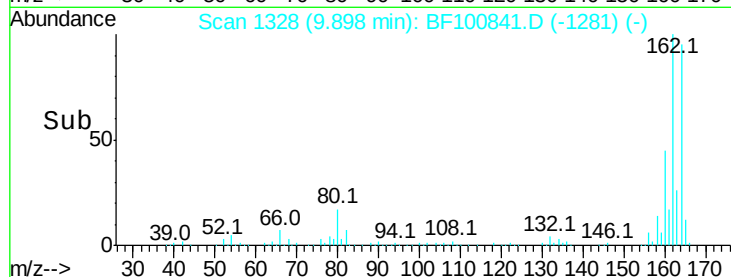
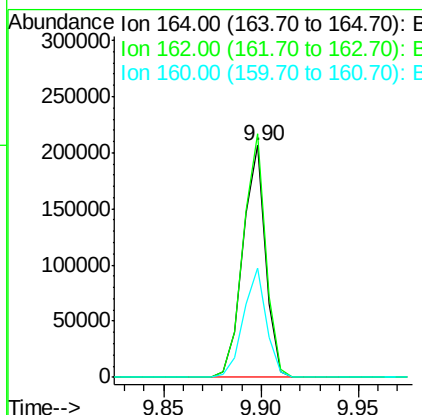
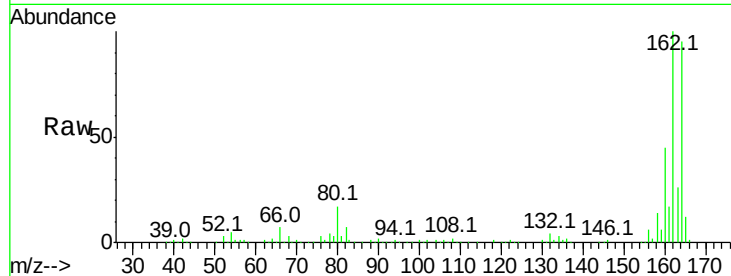




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

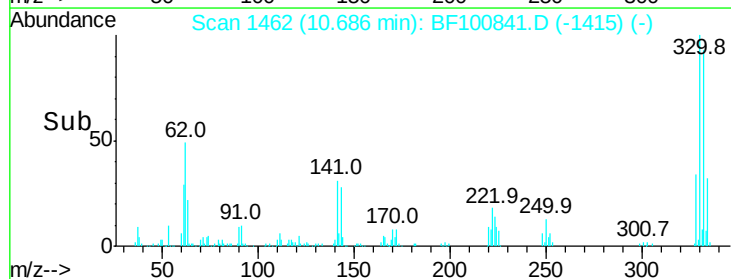
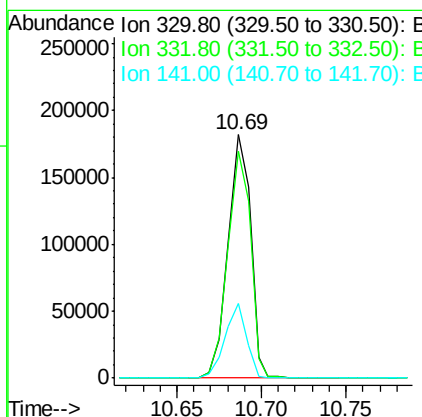
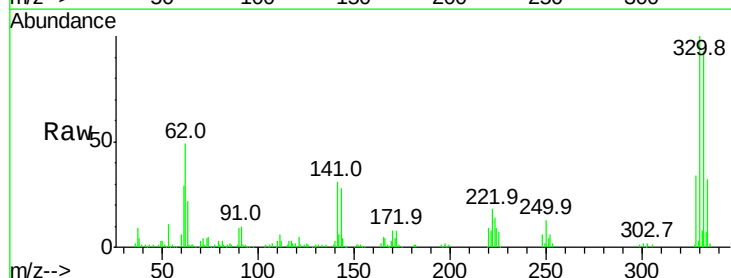
Instrument :
 BNA_F
 ClientSampleID :

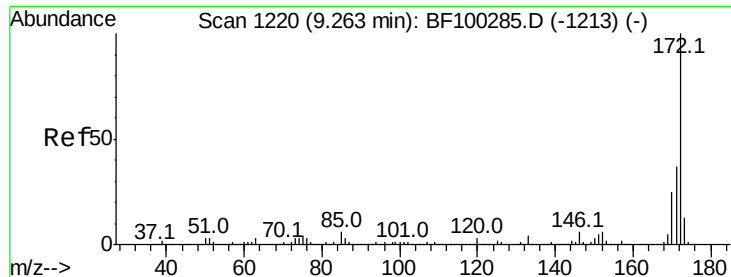
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.603 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	28.8	29.9	44.9#

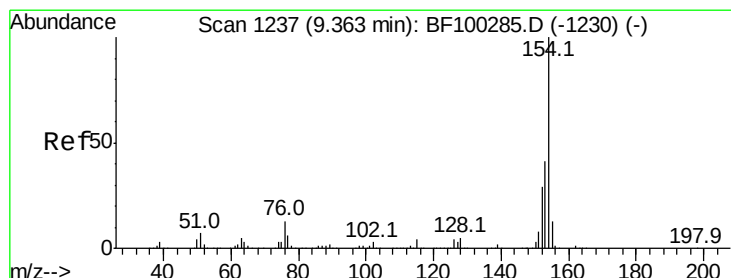
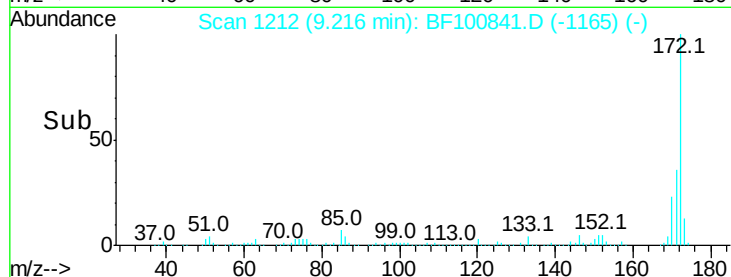
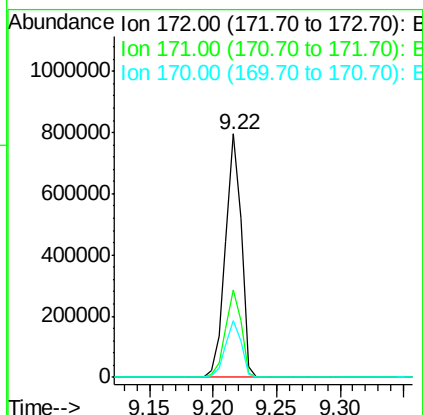
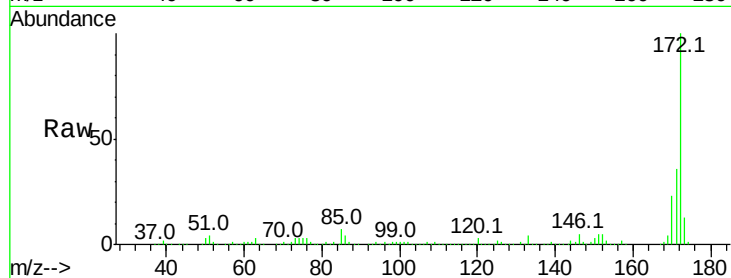




#44
 2-Fluorobiphenyl
 Concen: 63.946 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

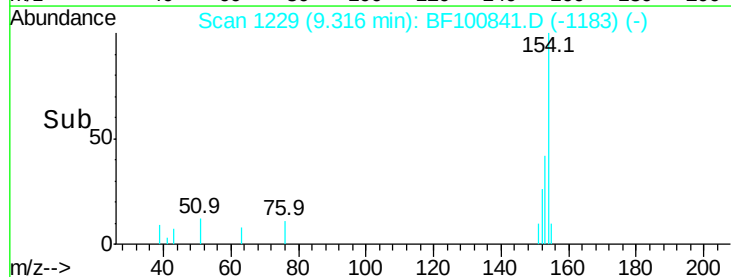
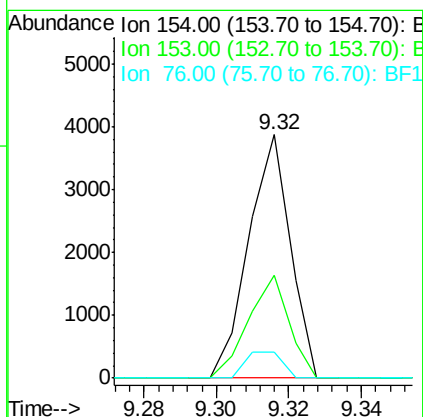
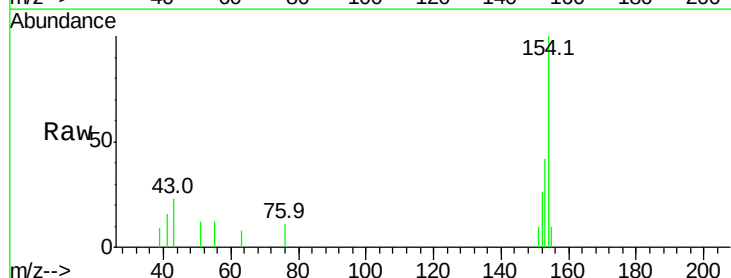
Instrument :
 BNA_F
 ClientSampleId :

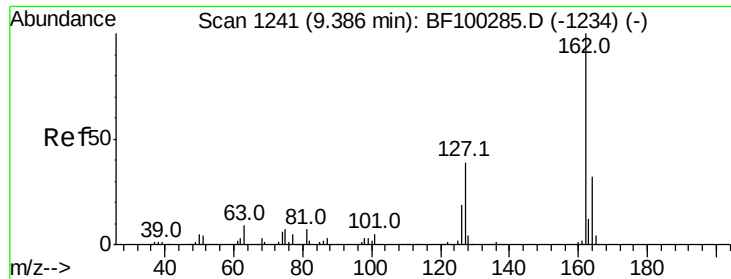
Tot Ion:172 Resp: 694720
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.3 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.215 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.03 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion:154 Resp: 3083
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.3 61.3
 76 10.9 0.0 34.0

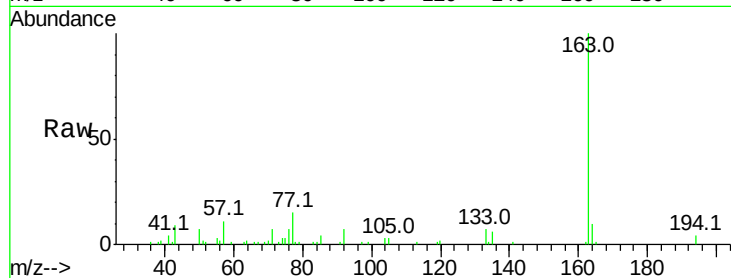




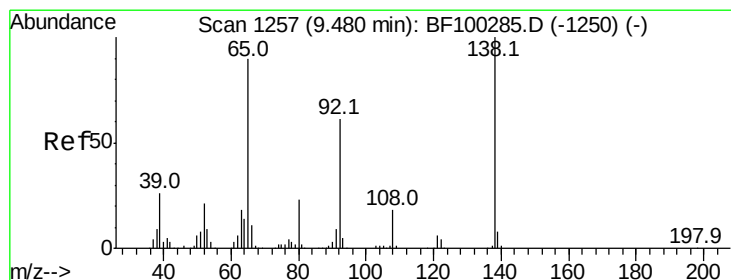
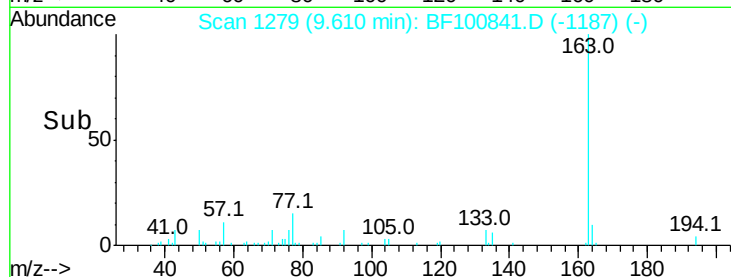
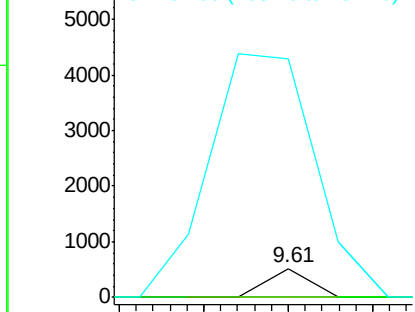
#46
 2-Chloronaphthalene
 Concen: 0.018 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.24 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	817.2	26.5	39.7#

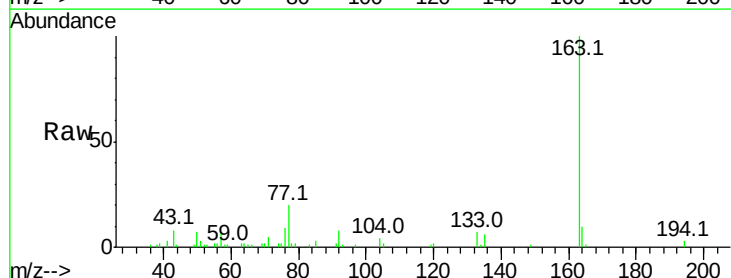


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

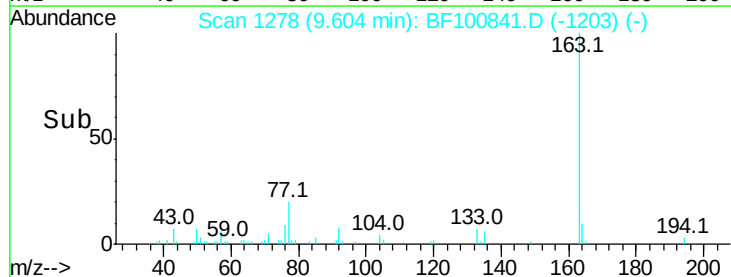
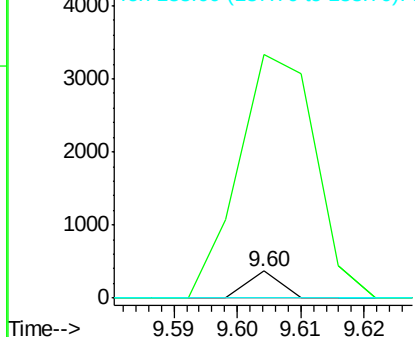


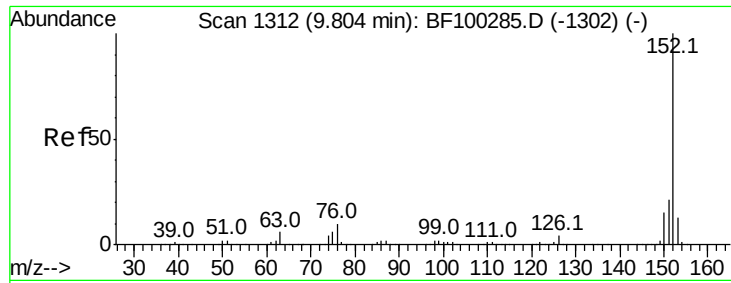
#47
 2-Nitroaniline
 Concen: 2.824 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.14 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	902.4	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.703 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

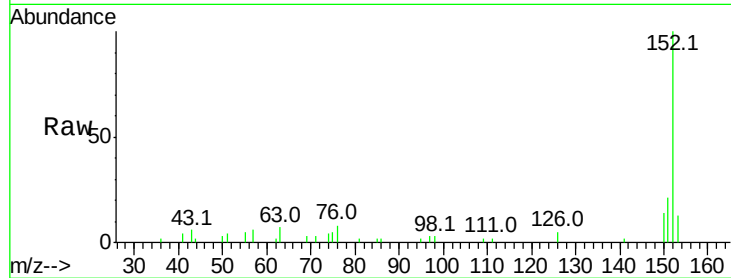
Tot Ion:152 Resp: 12098

Ion Ratio Lower Upper

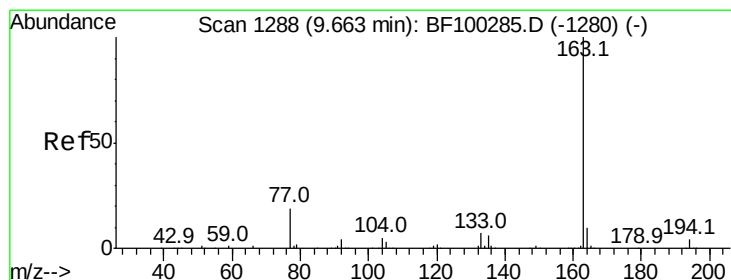
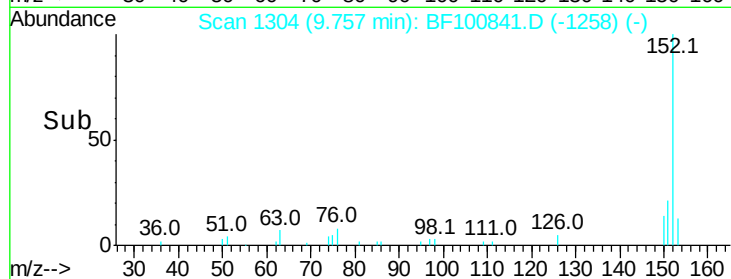
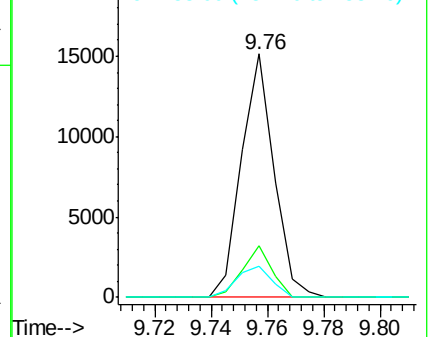
152 100

151 21.0 16.3 24.5

153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.969 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

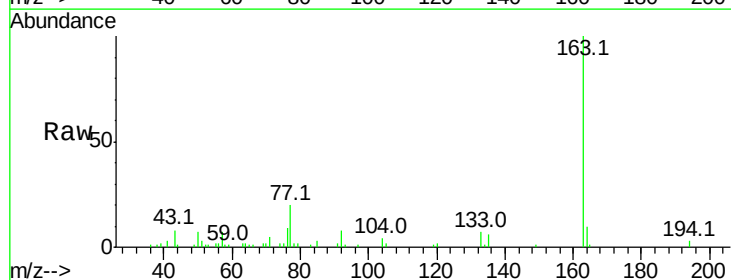
Tgt Ion:163 Resp: 37495

Ion Ratio Lower Upper

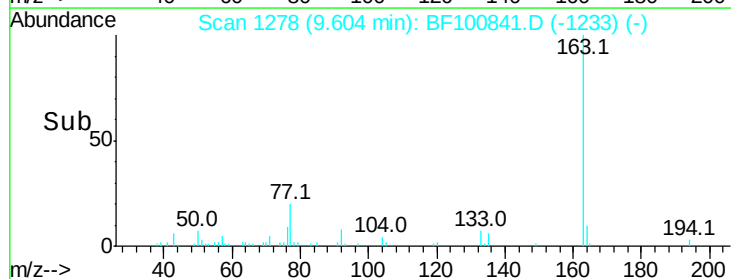
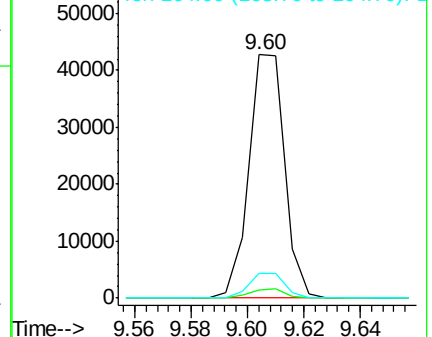
163 100

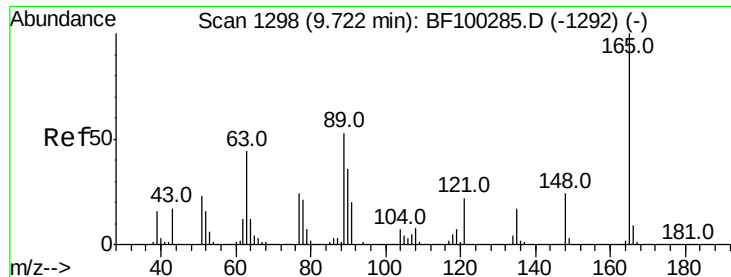
194 3.4 2.7 4.1

164 10.2 8.2 12.2



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

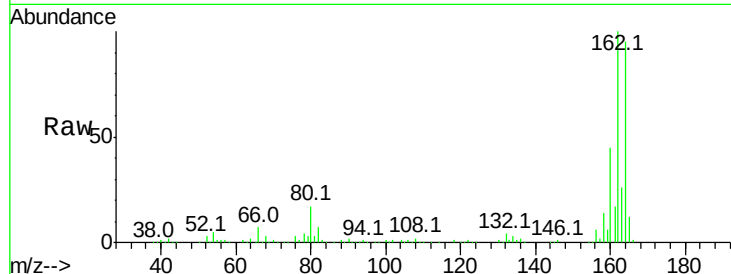




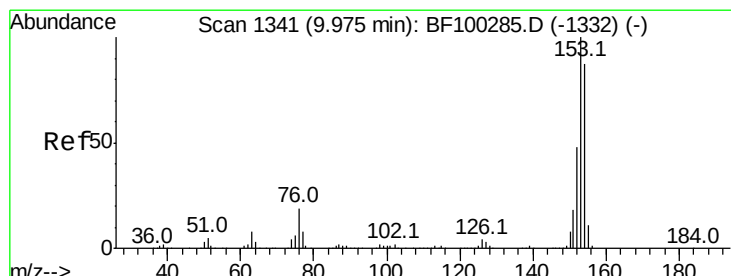
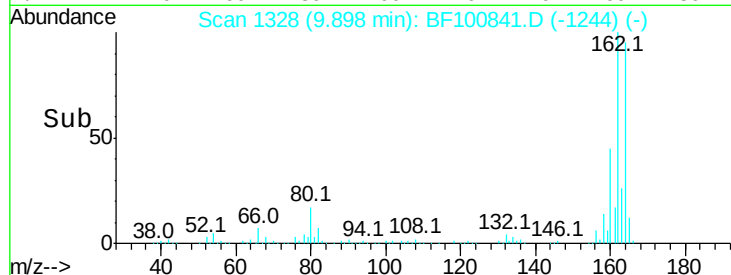
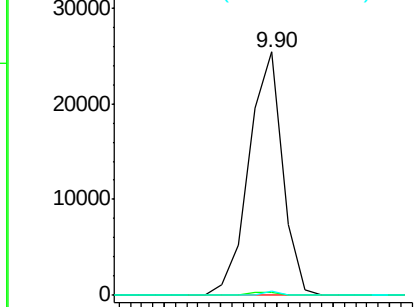
#50
2,6-Dinitrotoluene
Concen: 8.370 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 20926
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 2.0 44.0 66.0#

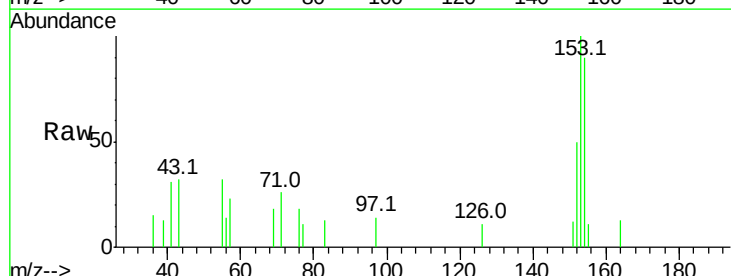


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

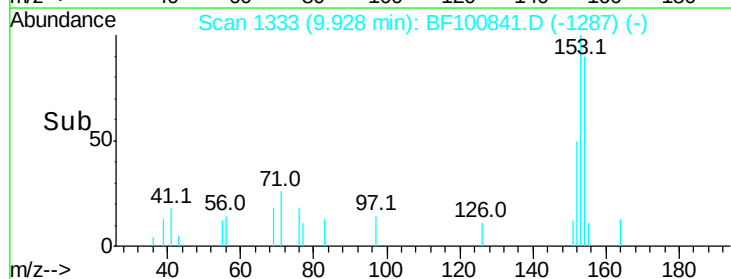
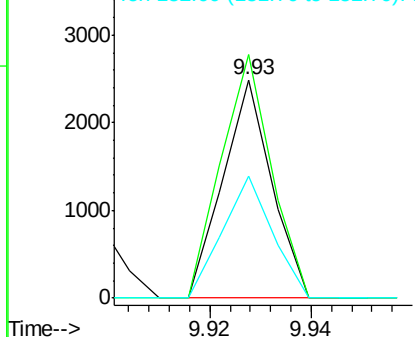


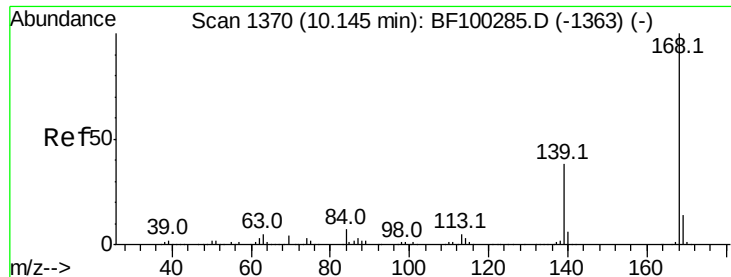
#51
Acenaphthene
Concen: 0.159 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:154 Resp: 1659
Ion Ratio Lower Upper
154 100
153 111.4 91.2 136.8
152 55.9 43.8 65.8



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





#54

Dibenzofuran

Concen: 0.208 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampled :

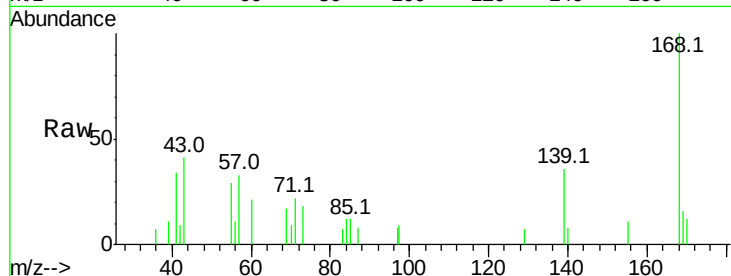
Tot Ion:168 Resp: 3051

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

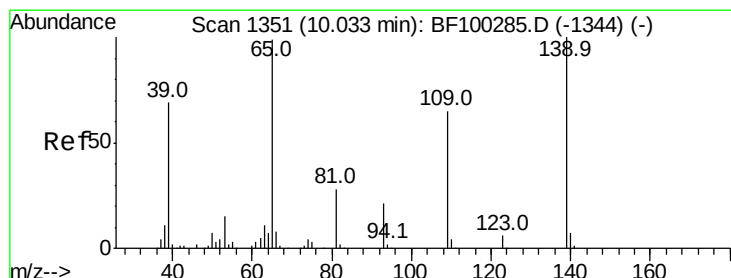
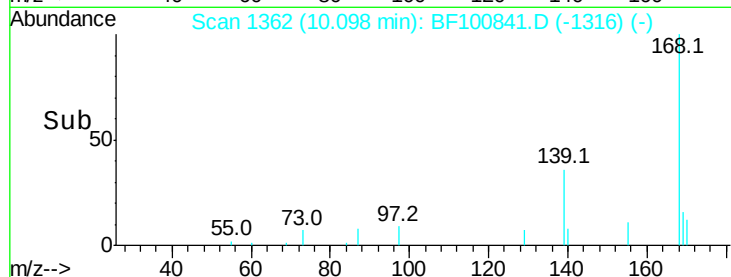
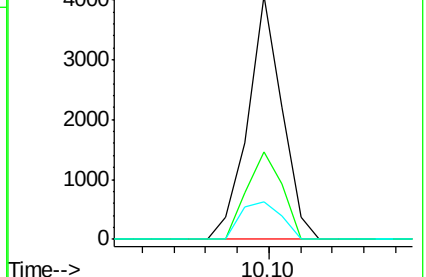
169 15.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.466 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.08 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

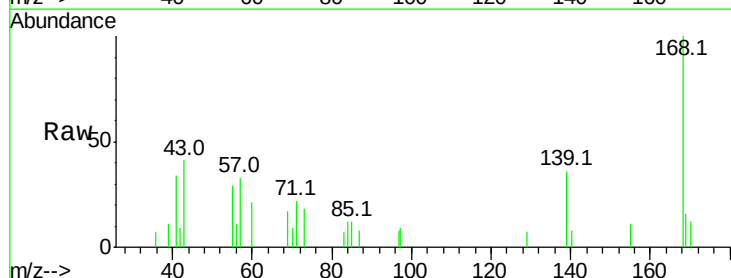
Tgt Ion:139 Resp: 1116

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

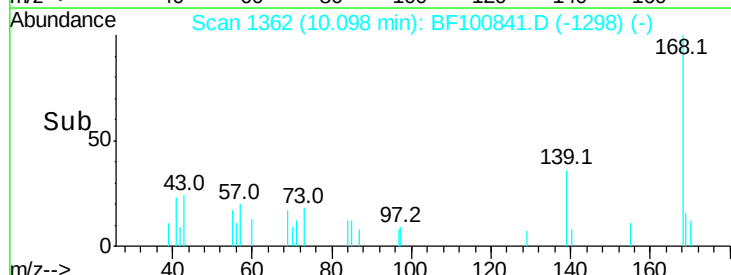
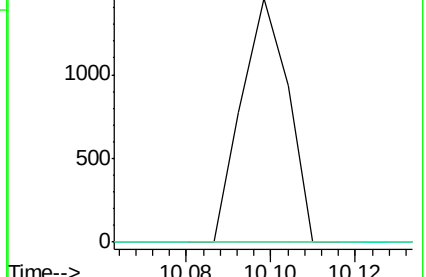
65 0.0 72.6 112.6#

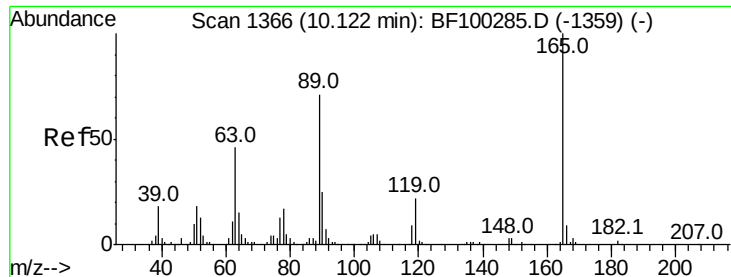


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

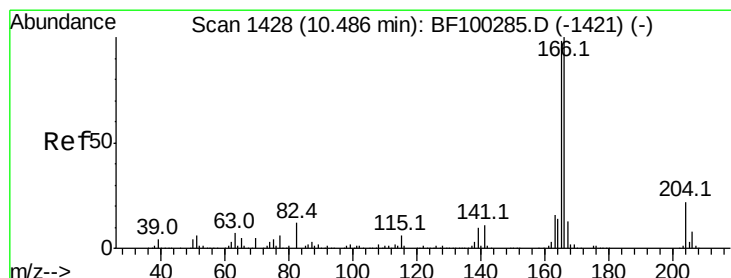
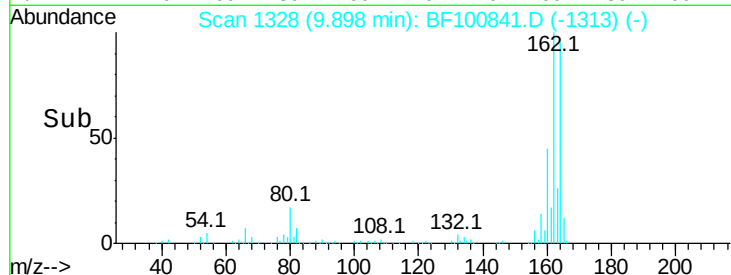
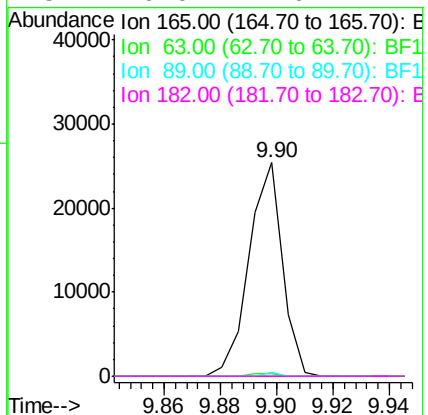
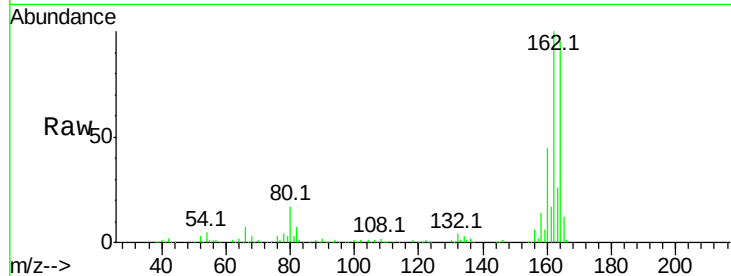




#56
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

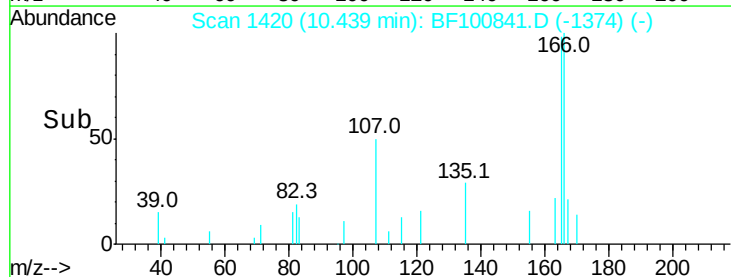
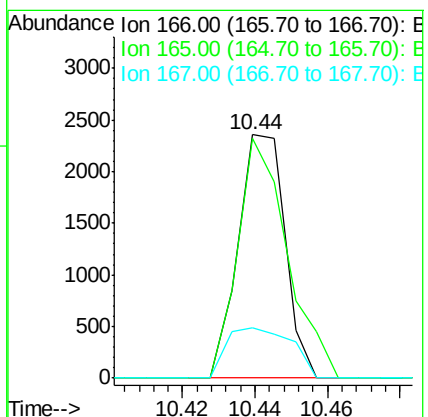
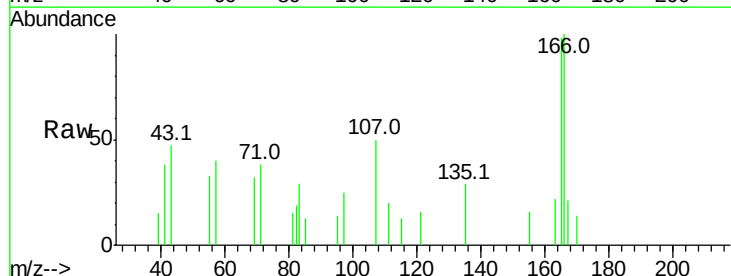
Instrument :
BNA_F
ClientSampleId :

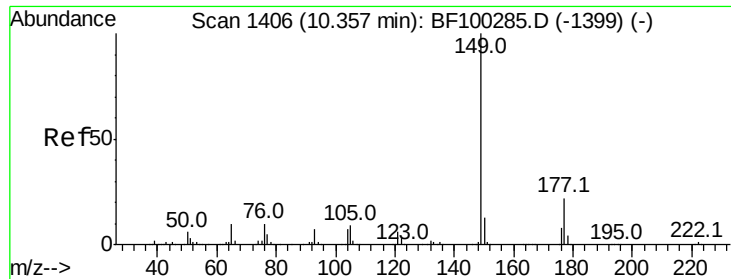
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.197 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	20.9	10.6	16.0#

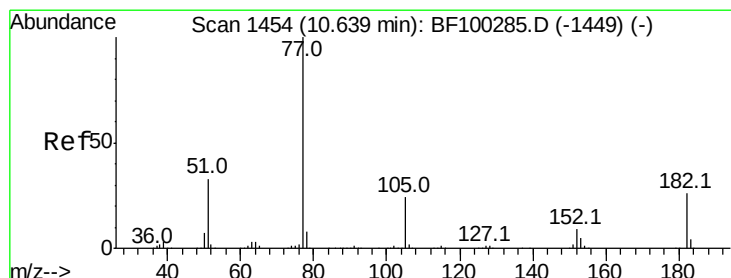
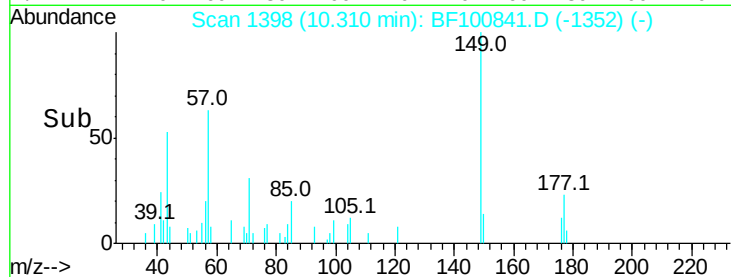
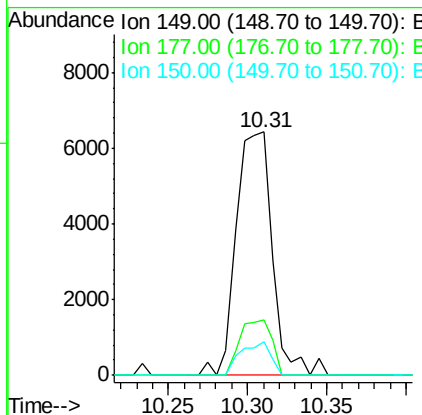
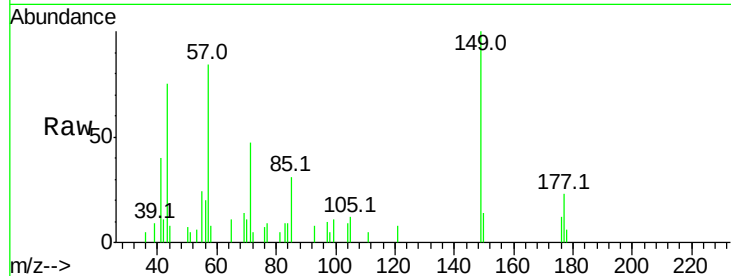




#59
Diethylphthalate
Concen: 0.806 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

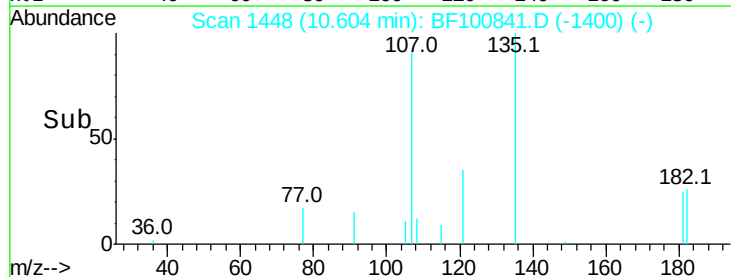
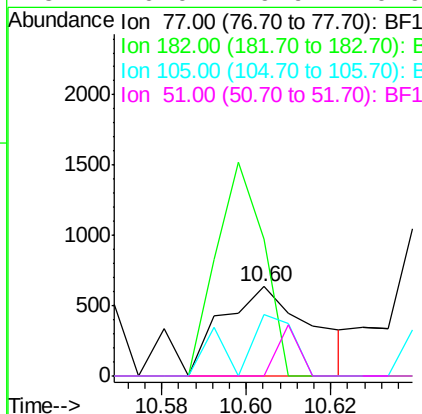
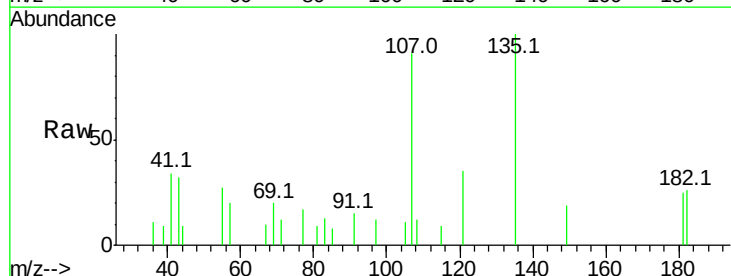
Instrument :
BNA_F
ClientSampleId :

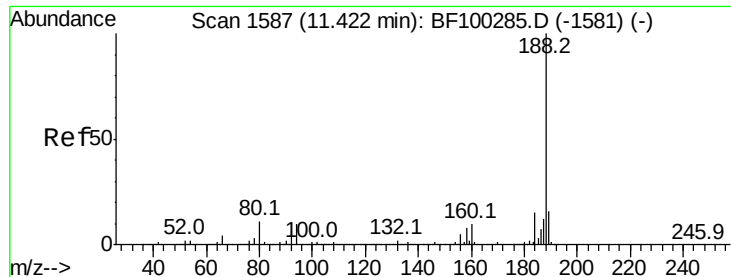
Tot Ion:149 Resp: 10185
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 13.9 10.1 15.1



#62
Azobenzene
Concen: 0.078 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion: 77 Resp: 934
Ion Ratio Lower Upper
77 100
182 153.9 1.7 41.7#
105 68.5 3.0 43.0#
51 0.0 9.9 49.9#

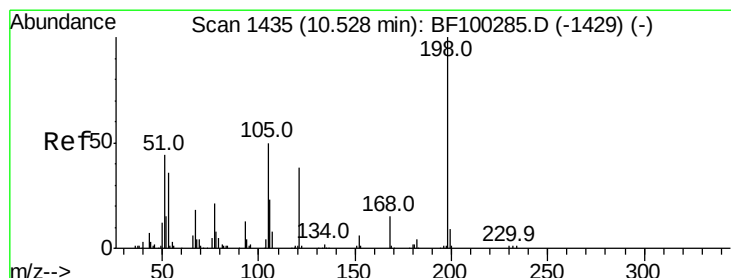
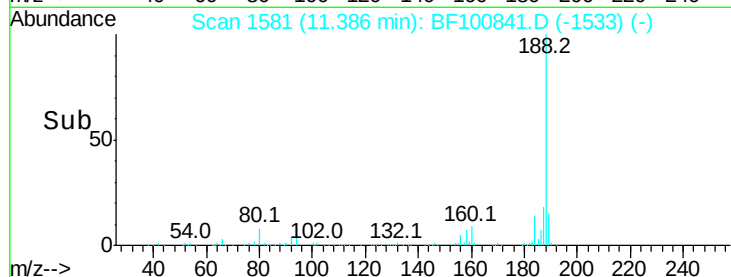
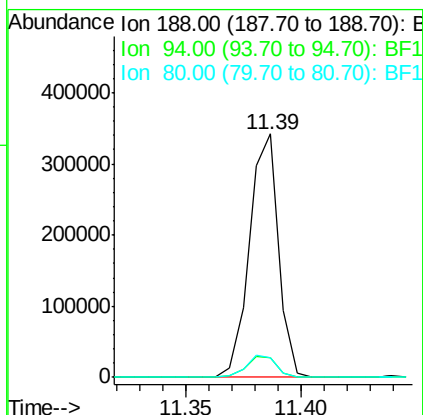
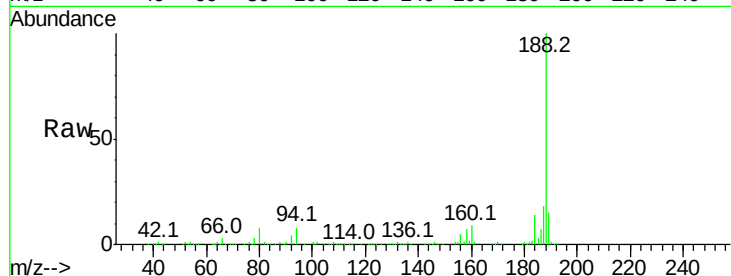




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

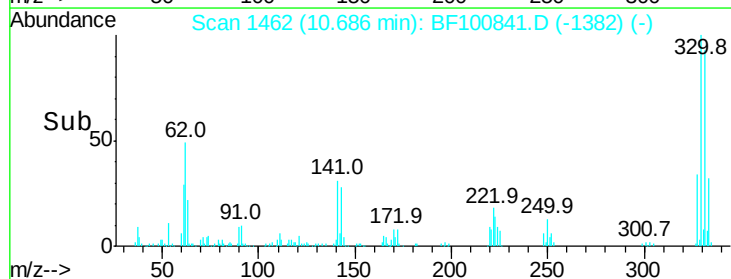
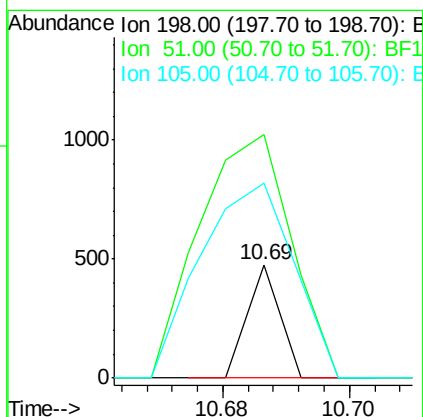
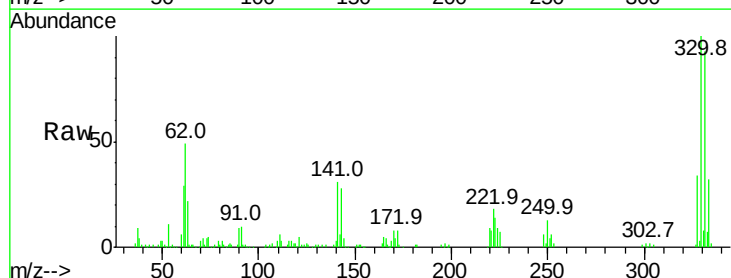
Instrument :
BNA_F
ClientSampleId :

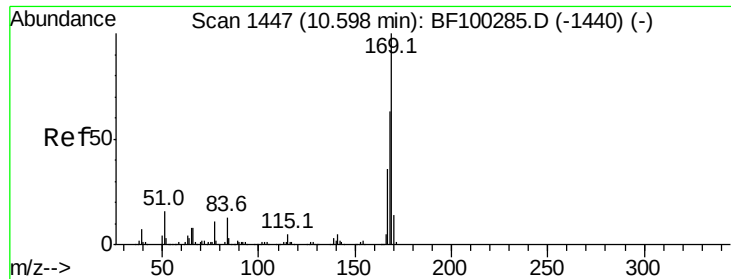
Tot Ion:188 Resp: 301011
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.2 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.661 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.17 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:198 Resp: 168
Ion Ratio Lower Upper
198 100
51 214.9 37.7 77.7#
105 171.8 36.3 76.3#

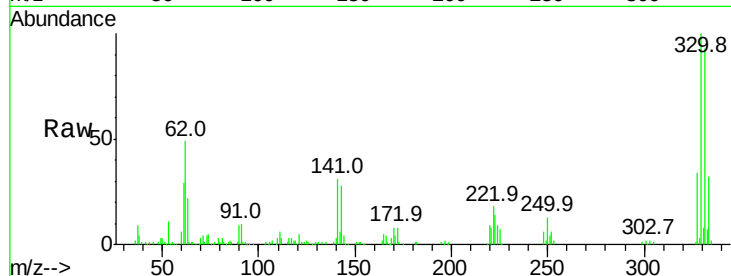




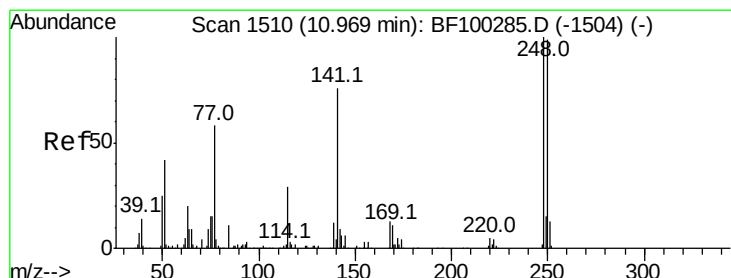
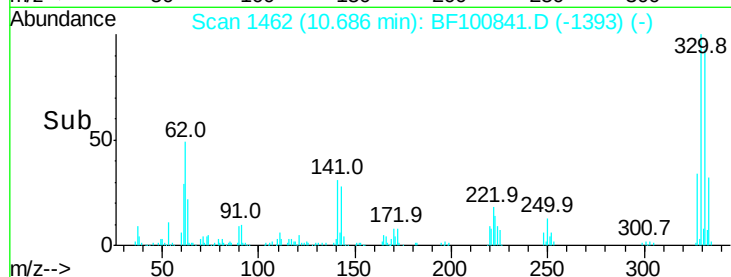
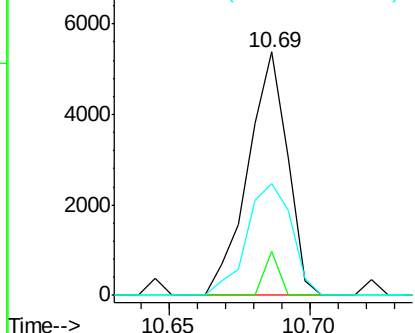
#65
 n-Nitrosodiphenylamine
 Concen: 0.499 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.11 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 5225
 Ion Ratio Lower Upper
 169 100
 168 17.8 54.4 81.6#
 167 54.5 29.8 44.6#

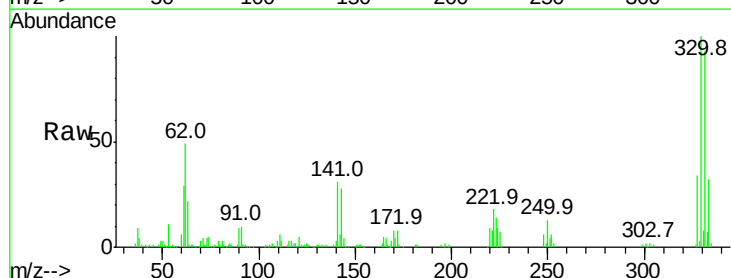


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

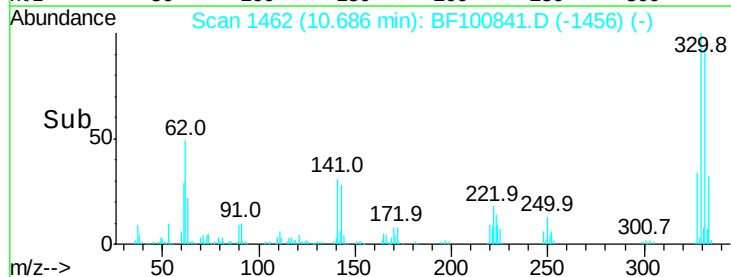
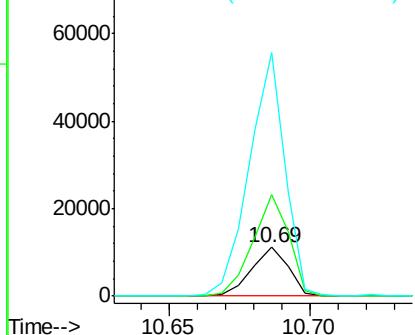


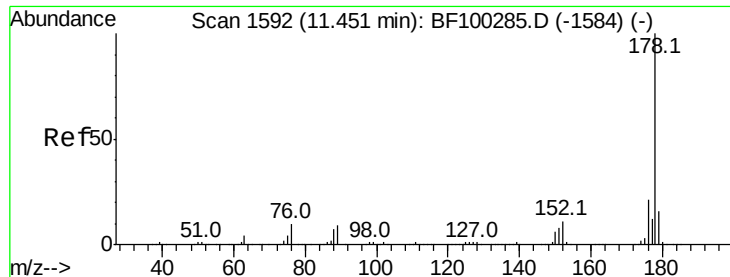
#66
 4-Bromophenyl-phenylether
 Concen: 3.138 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion:248 Resp: 10127
 Ion Ratio Lower Upper
 248 100
 250 206.4 76.9 115.3#
 141 496.8 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

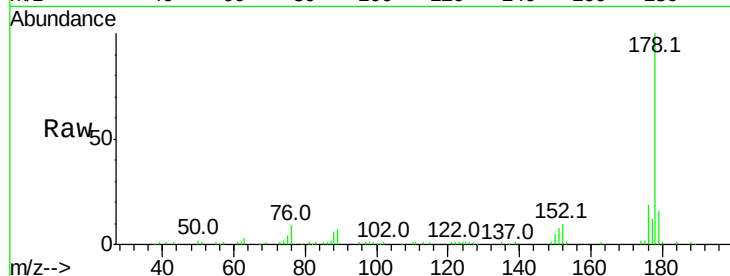




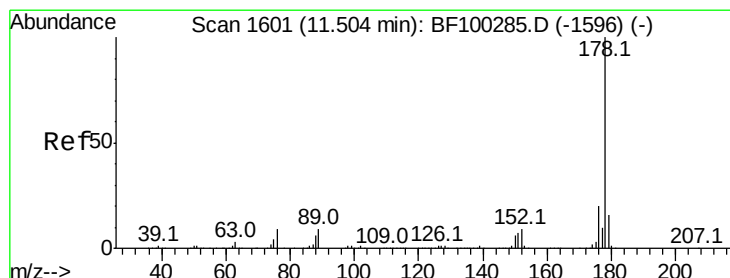
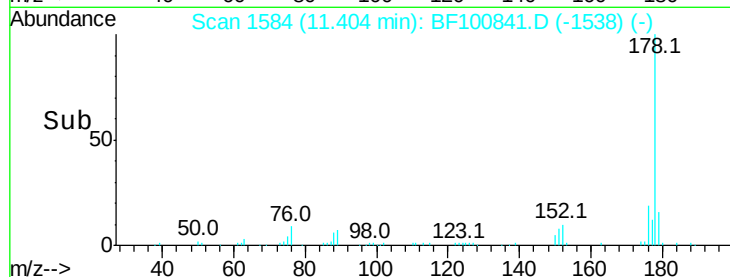
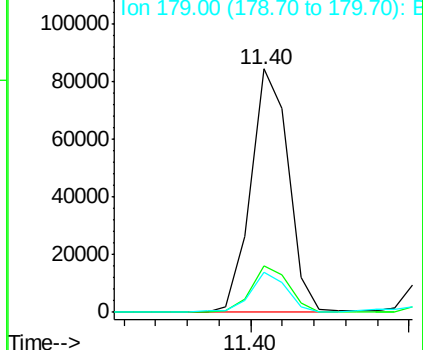
#70
Phenanthrene
Concen: 4.385 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 69504
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 16.3 13.0 19.6

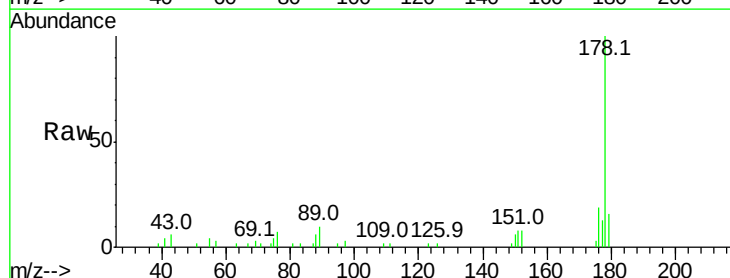


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

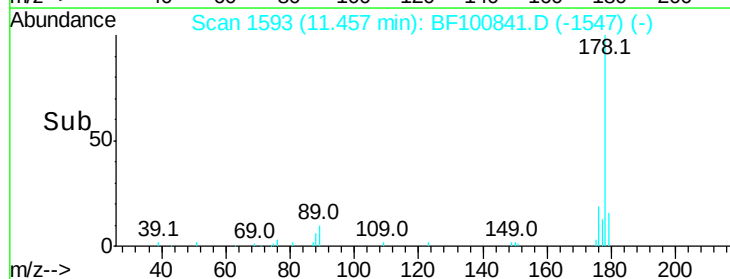
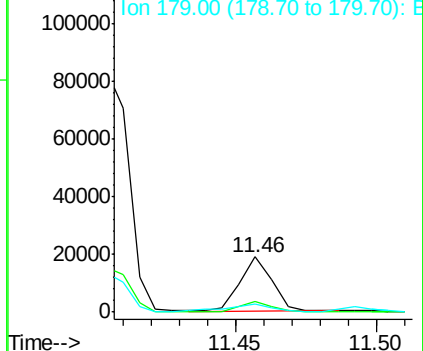


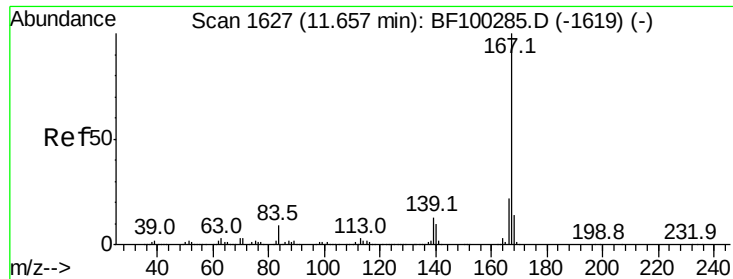
#71
Anthracene
Concen: 0.940 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:178 Resp: 15113
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.6 19.0



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





#72

Carbazole

Concen: 0.614 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

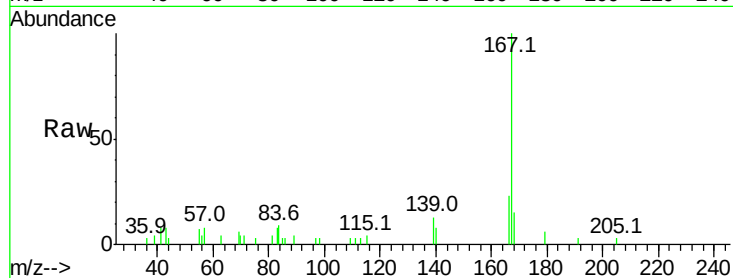
Tot Ion:167 Resp: 9115

Ion Ratio Lower Upper

167 100

166 23.2 17.6 26.4

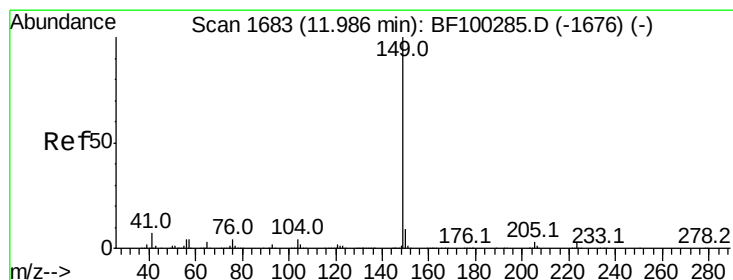
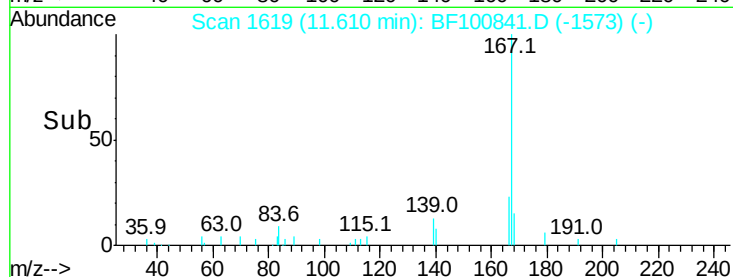
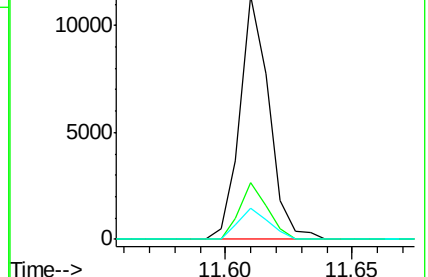
139 12.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.310 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

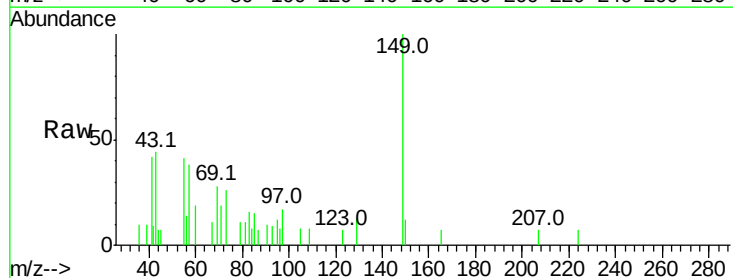
Tgt Ion:149 Resp: 5381

Ion Ratio Lower Upper

149 100

150 12.1 7.8 11.6#

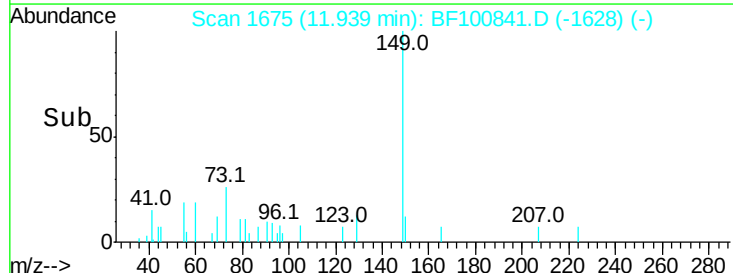
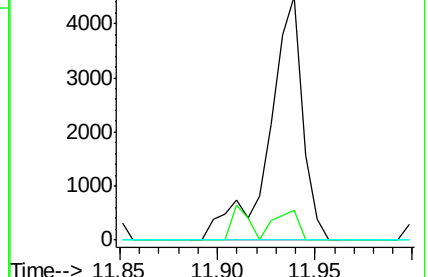
104 0.0 3.8 5.8#

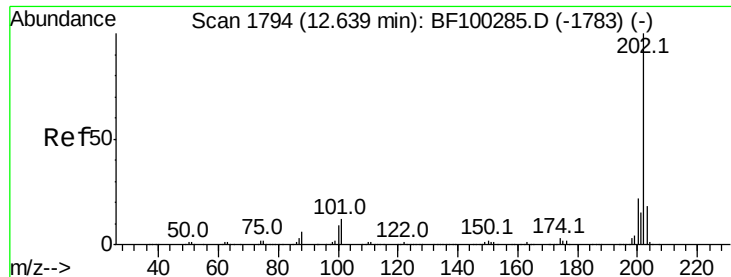


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

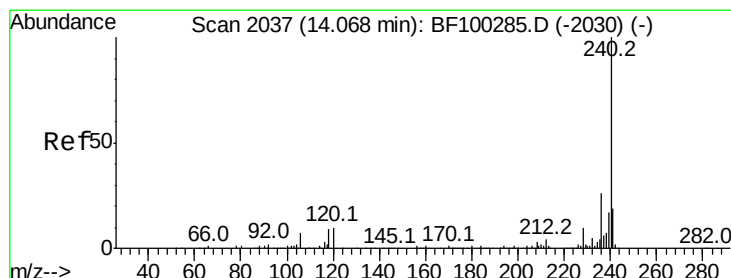
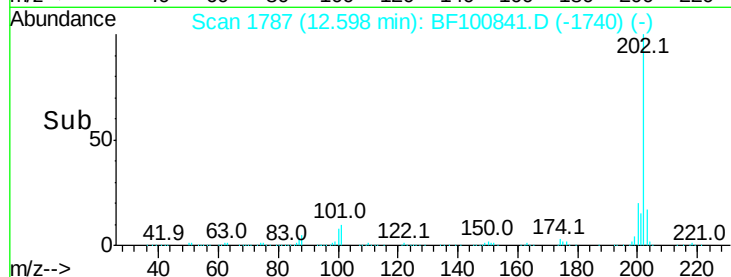
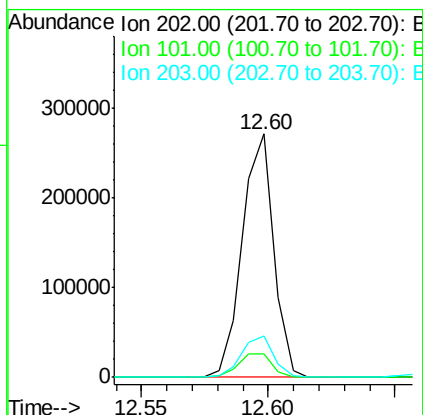
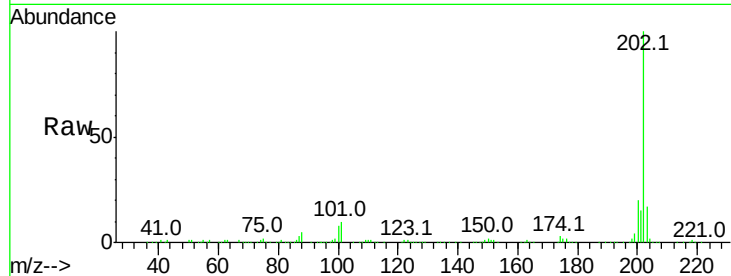




#74
 Fluoranthene
 Concen: 13.919 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

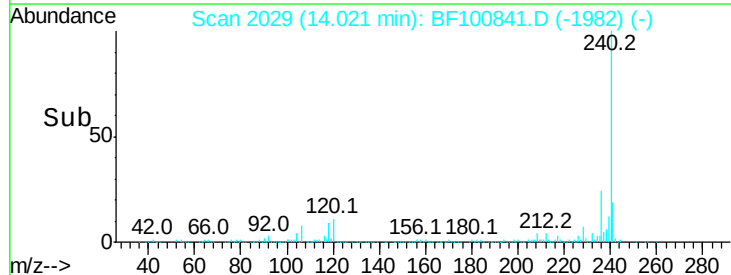
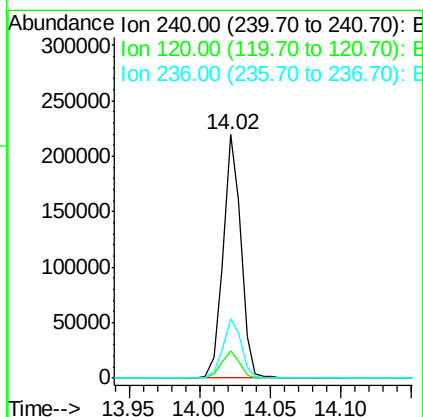
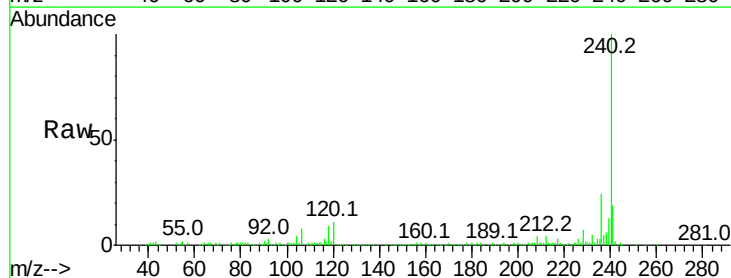
Instrument :
 BNA_F
 ClientSampleId :

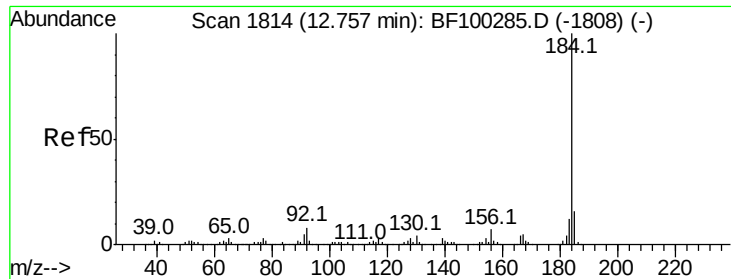
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	24.4	20.7	31.1





#76

Benzidine

Concen: 0.064 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.11 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampled :

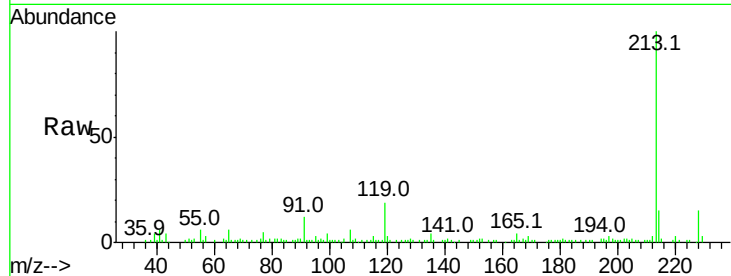
Tot Ion:184 Resp: 495

Ion Ratio Lower Upper

184 100

185 94.7 12.6 18.8#

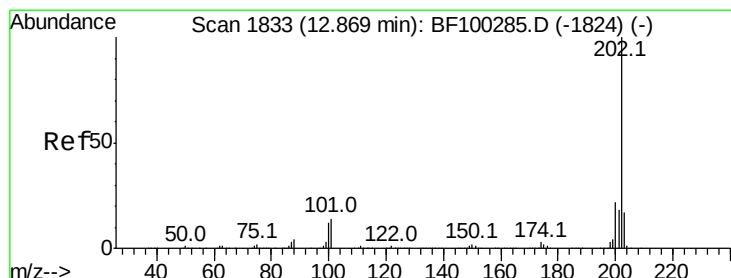
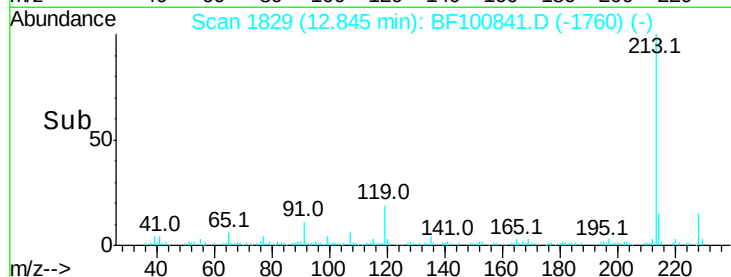
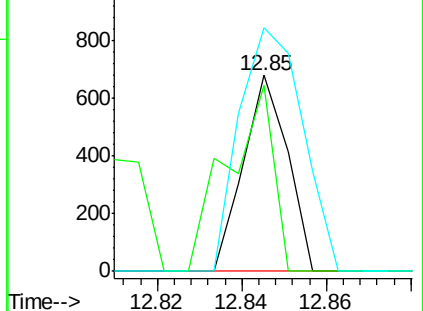
183 124.2 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 13.087 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

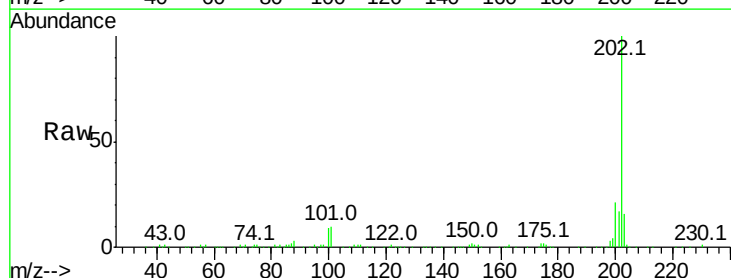
Tgt Ion:202 Resp: 179422

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

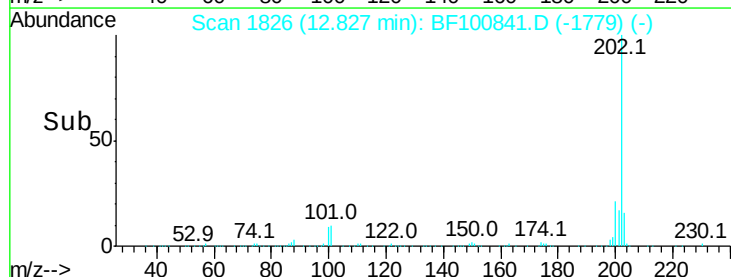
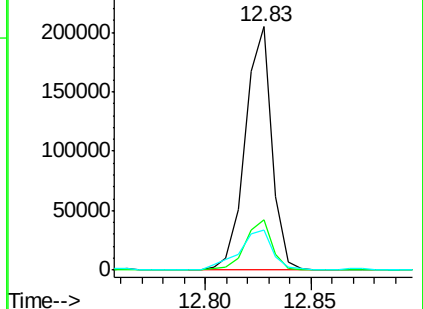
203 16.3 14.3 21.5

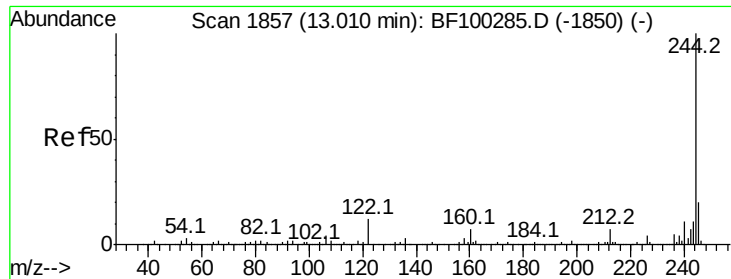


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.529 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

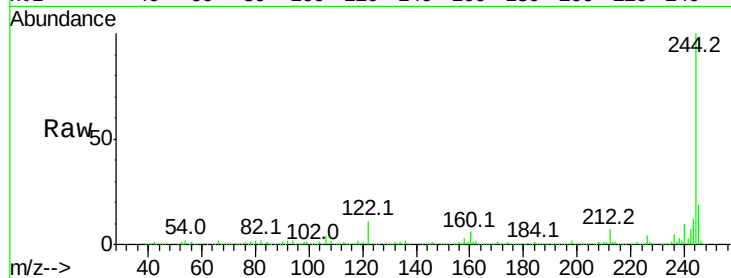
Tot Ion:244 Resp: 498289

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

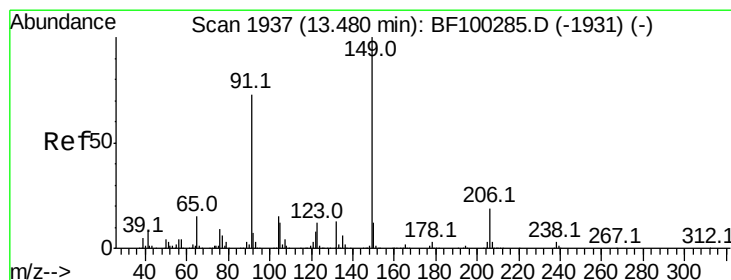
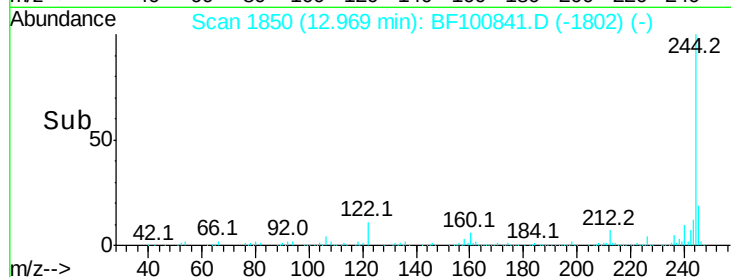
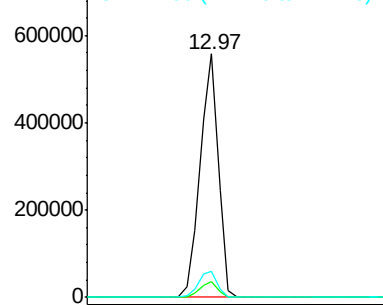
122 10.7 11.0 16.4#



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: 0.228 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

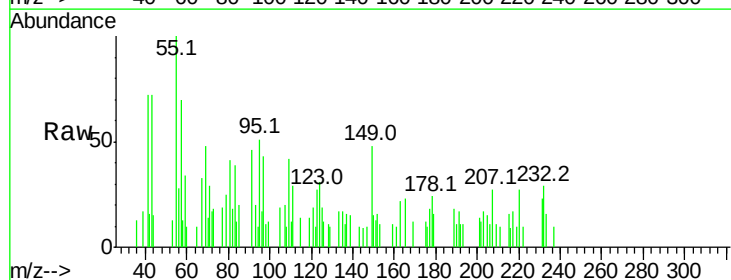
Tgt Ion:149 Resp: 1272

Ion Ratio Lower Upper

149 100

91 94.2 56.8 85.2#

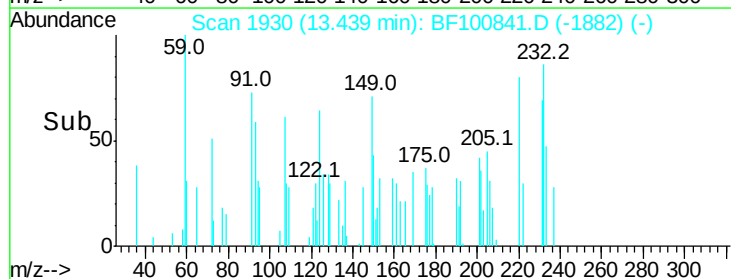
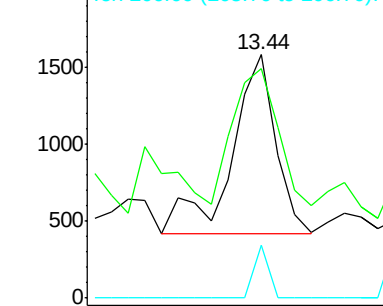
206 21.9 14.1 21.1#

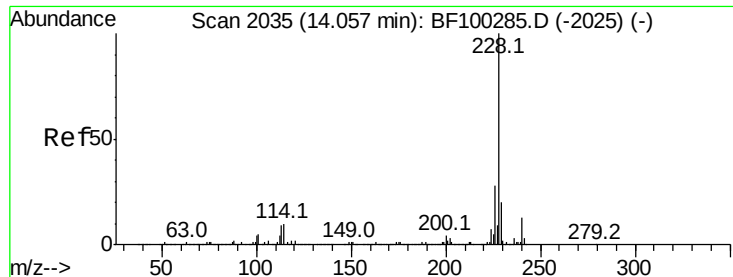


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

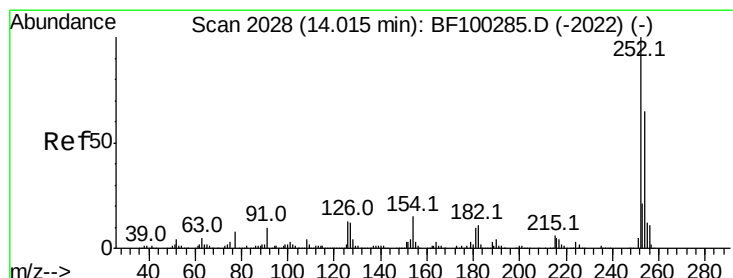
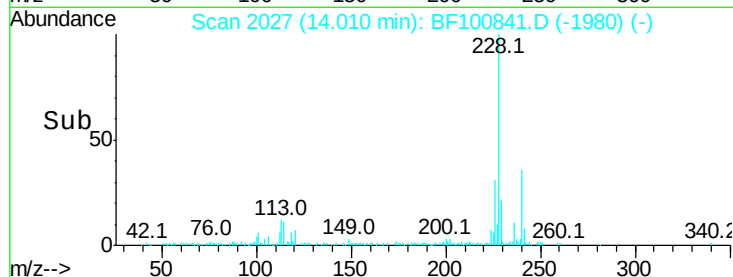
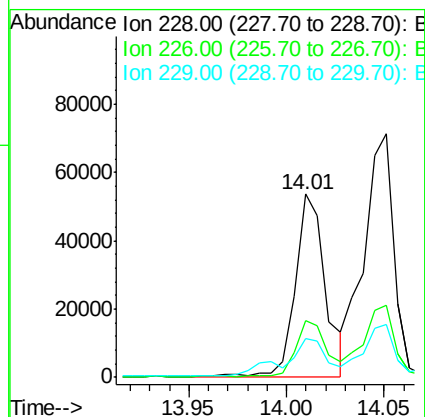
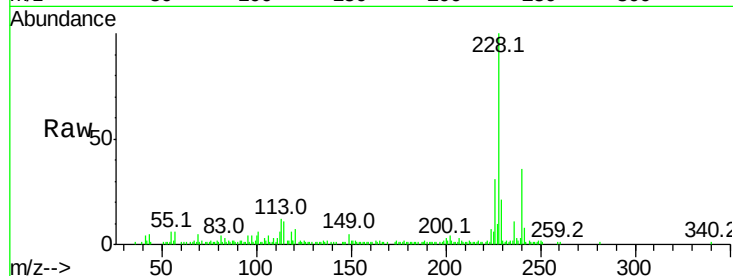




#80
Benzo(a)anthracene
Concen: 5.003 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

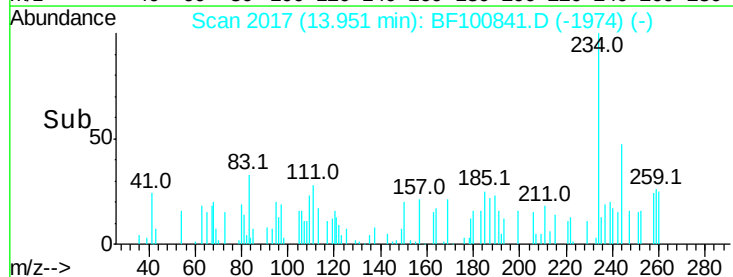
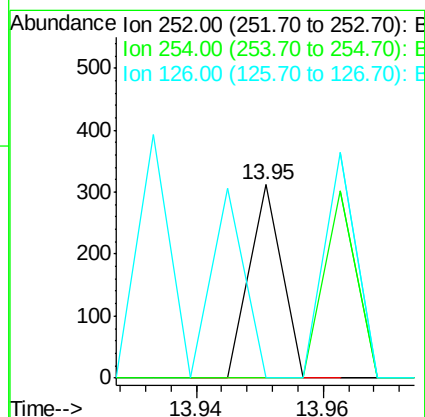
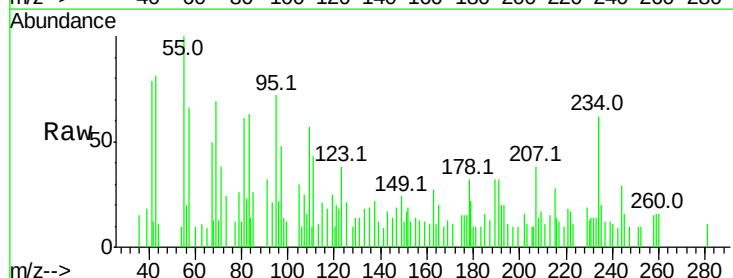
Instrument :
BNA_F
ClientSampleId :

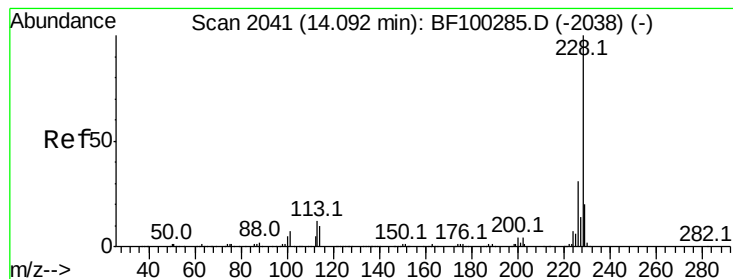
Tot Ion:228 Resp: 57947
Ion Ratio Lower Upper
228 100
226 31.3 22.6 33.8
229 21.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 0.027 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.05 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:252 Resp: 110
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 0.0 11.3 16.9#





#82

Chrysene

Concen: 6.791 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

Instrument :

BNA_F

ClientSampleId :

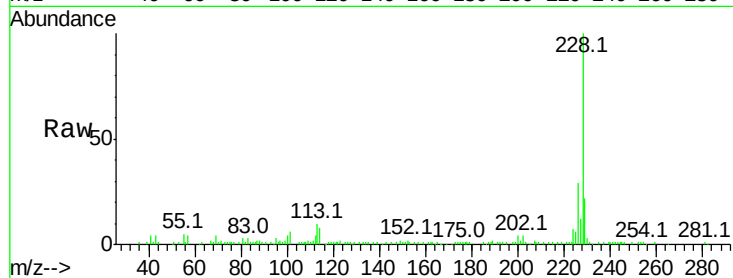
Tot Ion:228 Resp: 76164

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

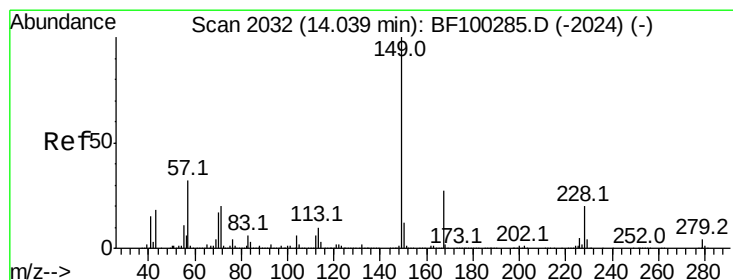
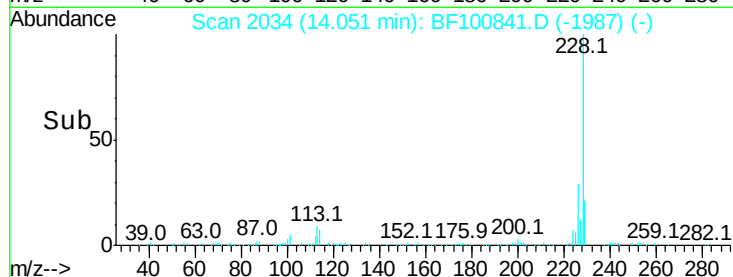
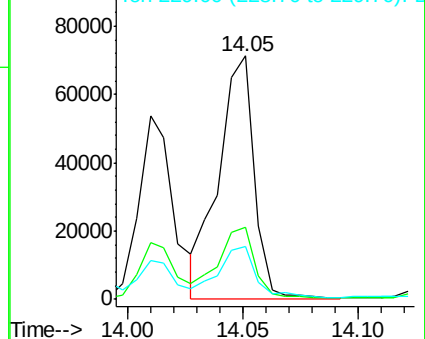
229 21.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.147 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100841.D

Acq: 22 Nov 2017 23:28

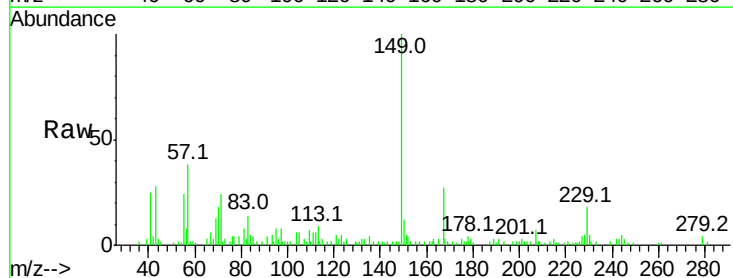
Tgt Ion:149 Resp: 23145

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

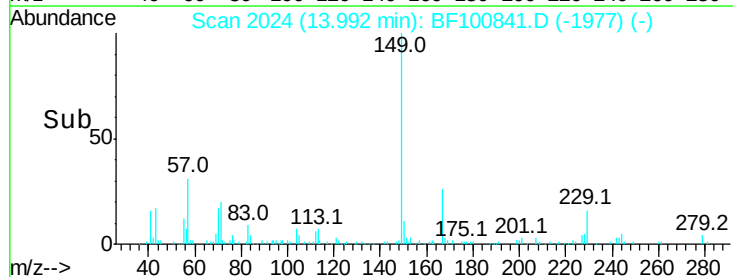
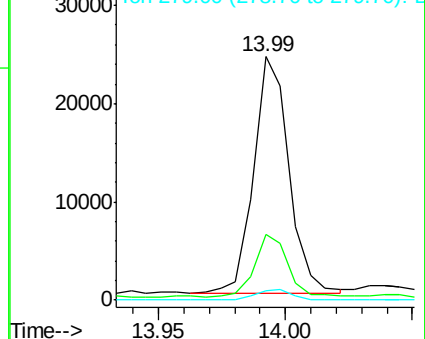
279 3.9 3.0 4.4

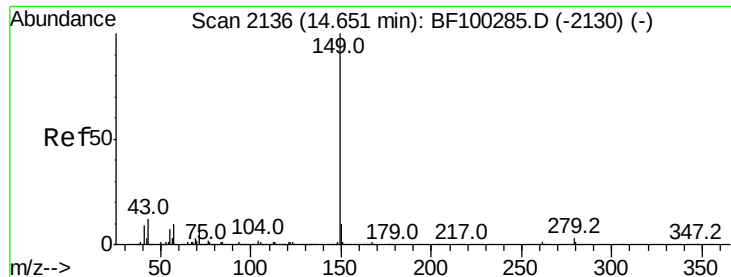


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

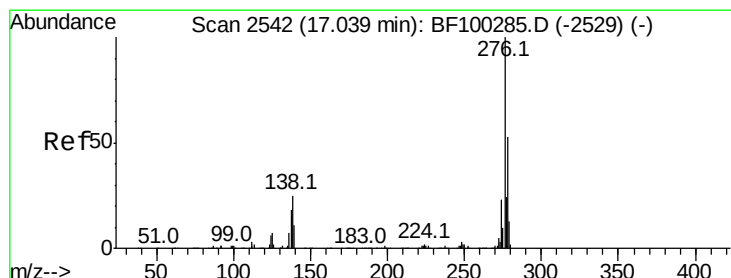
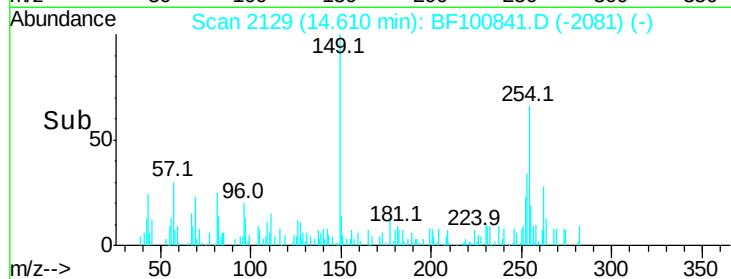
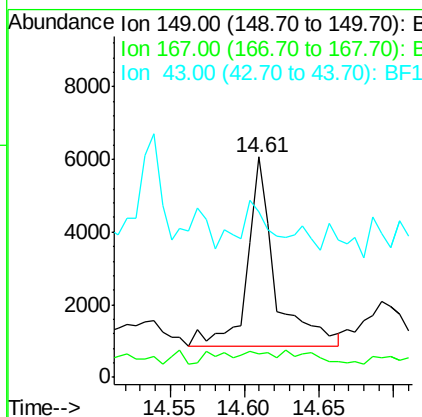
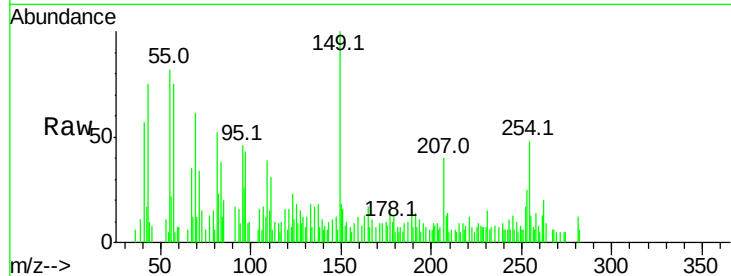




#84
 Di-n-octyl phthalate
 Concen: 0.535 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

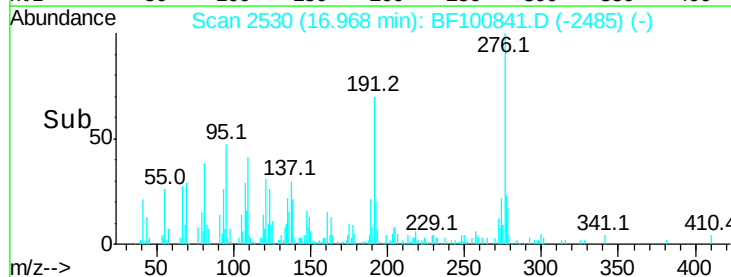
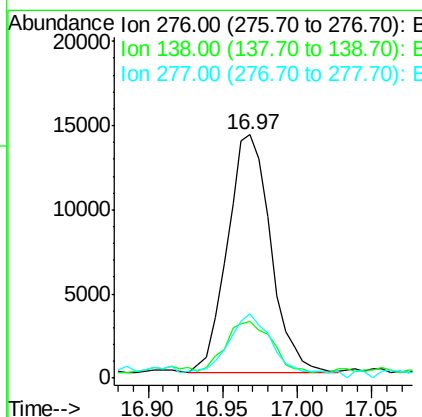
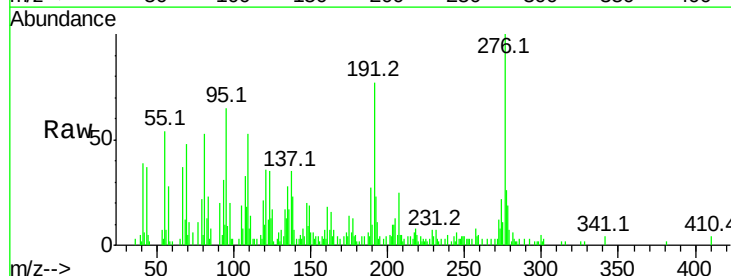
Instrument :
 BNA_F
 ClientSampled :

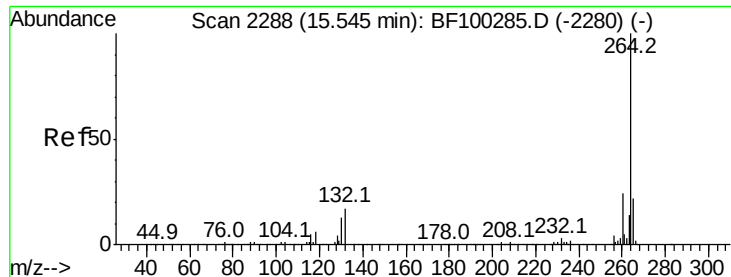
Tot Ion:149 Resp: 6759
 Ion Ratio Lower Upper
 149 100
 167 3.1 1.2 1.8#
 43 12.0 8.4 12.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.154 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF100841.D
 Acq: 22 Nov 2017 23:28

Tgt Ion:276 Resp: 28613
 Ion Ratio Lower Upper
 276 100
 138 22.8 25.0 37.6#
 277 30.2 20.1 30.1#

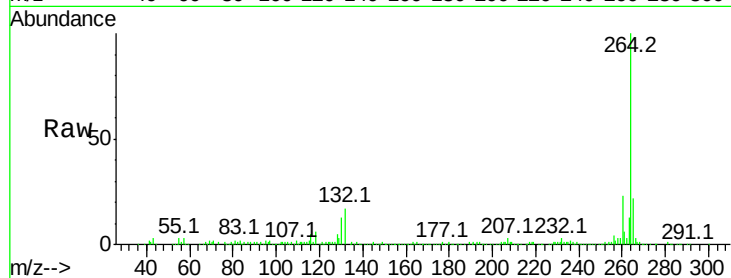




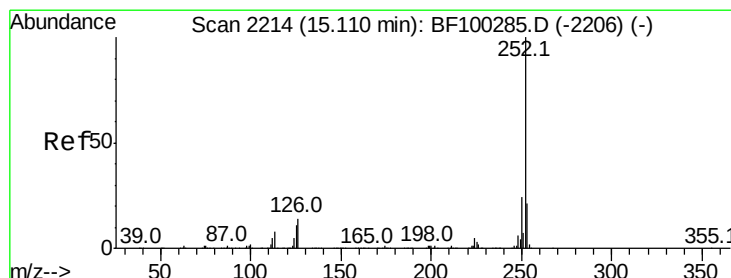
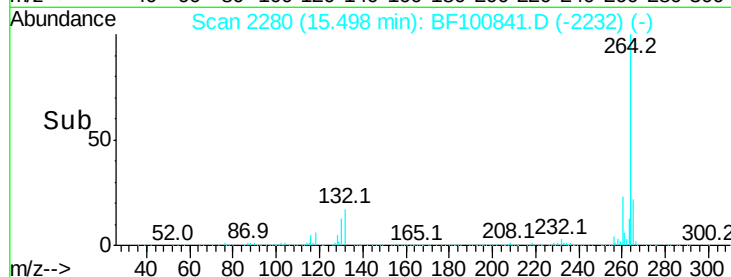
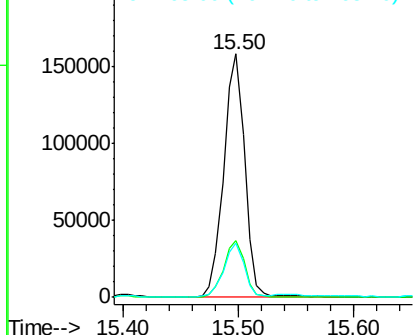
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 201254
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.4 17.5 26.3

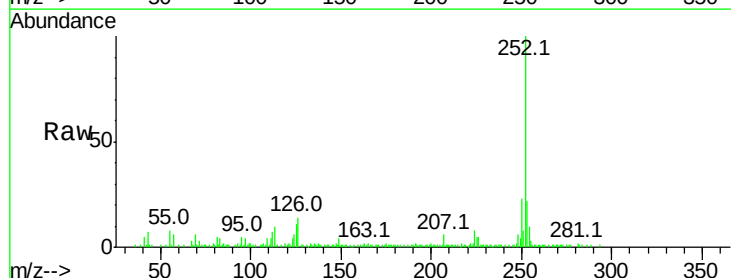


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

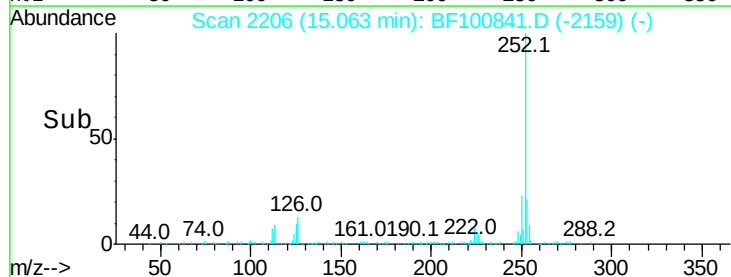
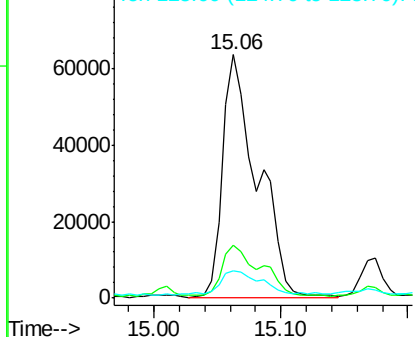


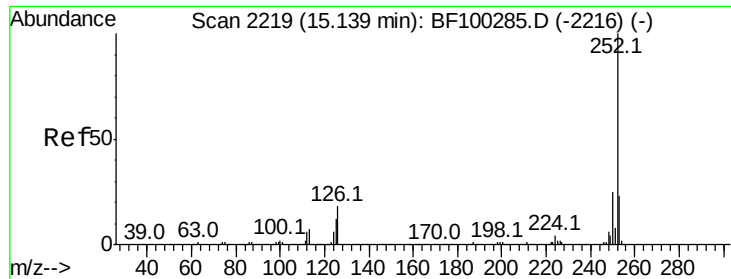
#87
Benzo(b)fluoranthene
Concen: 10.301 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:252 Resp: 122824
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.2 9.0 13.6



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

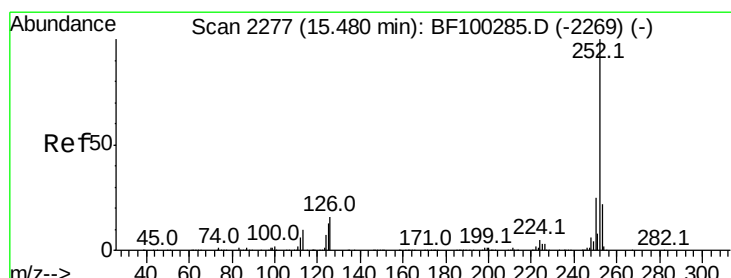
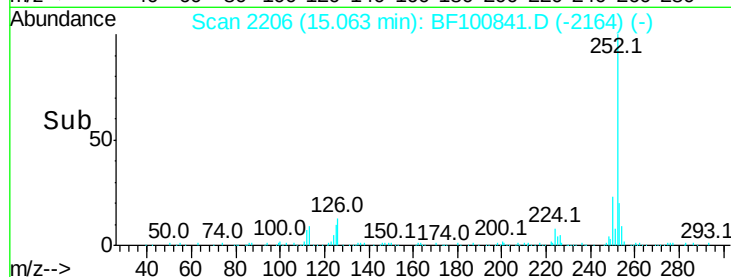
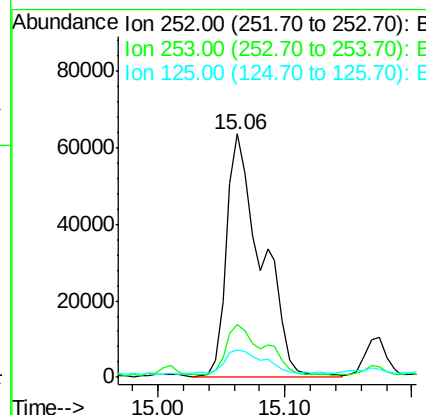
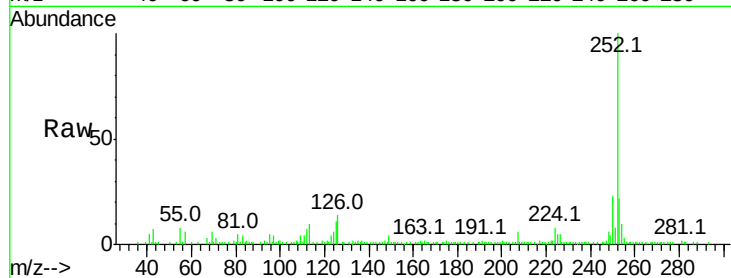




#88
Benzo(k)fluoranthene
Concen: 10.902 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

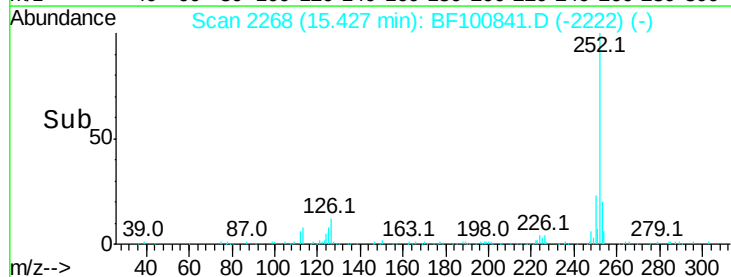
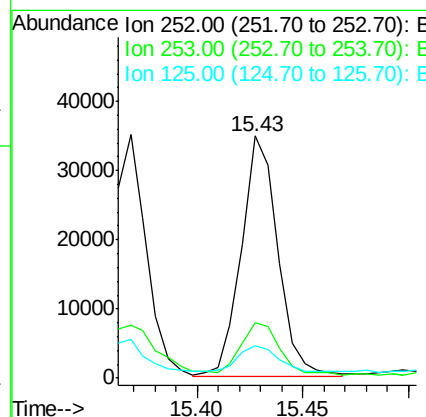
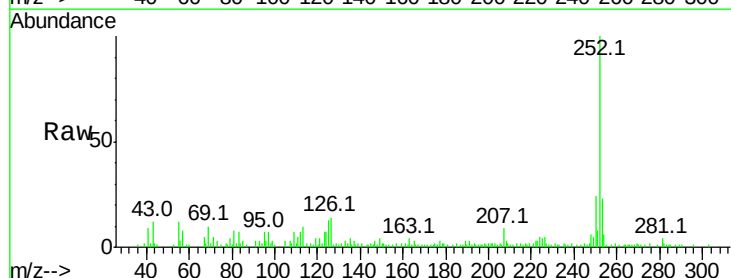
Instrument :
BNA_F
ClientSampleId :

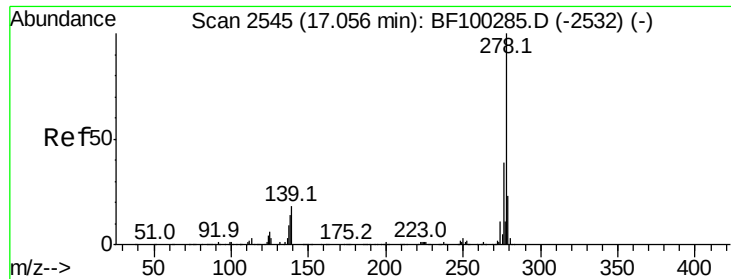
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 3.937 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.2	9.8	14.6

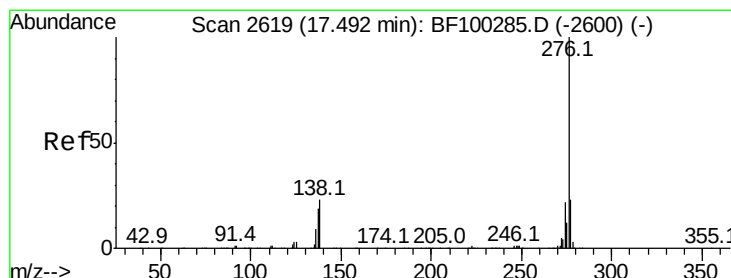
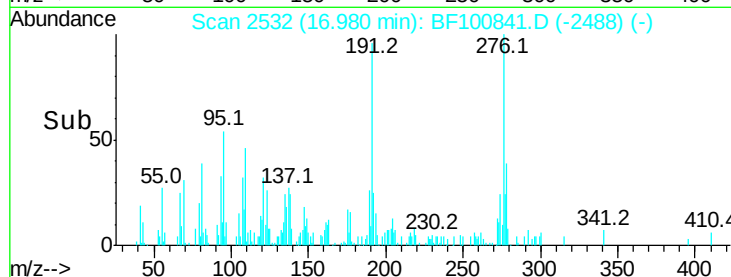
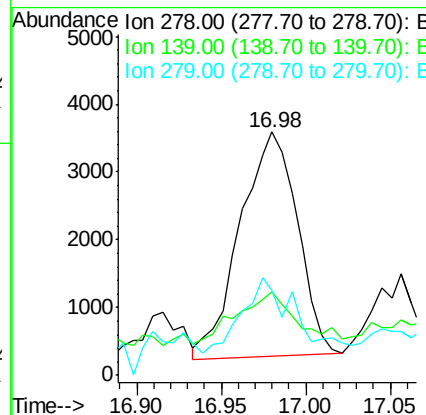
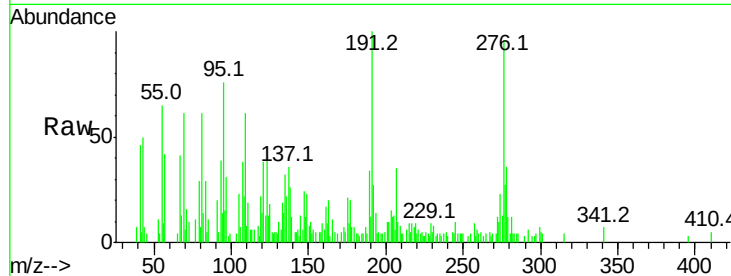




#90
Dibenzo(a,h)anthracene
Concen: 0.902 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 7796
Ion Ratio Lower Upper
278 100
139 34.1 15.9 23.9#
279 34.8 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 3.112 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF100841.D
Acq: 22 Nov 2017 23:28

Tgt Ion:276 Resp: 26333
Ion Ratio Lower Upper
276 100
277 26.3 17.9 26.9
138 25.4 21.8 32.8

