

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100843.D
 Acq On : 23 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6528-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:42:14 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	82457	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	320977	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	142598	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	266661	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	157260	20.00	ng	-0.02
86) Perylene-d12	15.50	264	177945	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	455384	88.53	ng	0.00
7) Phenol-d6	6.49	99	553323	87.23	ng	-0.02
23) Nitrobenzene-d5	7.42	82	344006	70.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	141994	97.72	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	670175	71.56	ng	-0.02
78) Terphenyl-d14	12.97	244	526144	76.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.50	93	424	0.047	ng	# 1
9) Benzaldehyde	6.49	77	825	0.182	ng	# 1
10) Phenol	6.50	94	20648	3.101	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	564	0.101	ng	# 1
15) Benzyl Alcohol	7.02	79	5654	1.142	ng	# 43
17) 2-Methylphenol	7.27	107	140	0.030	ng	# 59
19) n-Nitroso-di-n-propylamine	7.42	70	44959	10.220	ng	# 81
20) 3+4-Methylphenols	7.27	107	140	0.024	ng	# 70
24) Nitrobenzene	7.42	77	899	0.180	ng	# 28
25) Isophorone	7.42	82	344002	33.718	ng	# 64
31) Naphthalene	8.16	128	5388	0.349	ng	# 94
33) 4-Chloroaniline	8.16	127	677	0.105	ng	# 47
37) 2-Methylnaphthalene	8.85	142	915	0.089	ng	98
45) 1,1'-Biphenyl	9.32	154	2227	0.181	ng	88
47) 2-Nitroaniline	9.61	65	444	2.942	ng	# 1
48) Acenaphthylene	9.76	152	13596	0.917	ng	# 97
49) Dimethylphthalate	9.61	163	64132	5.890	ng	97
50) 2,6-Dinitrotoluene	9.90	165	18409	8.542	ng	# 25
51) Acenaphthene	9.93	154	969	0.107	ng	91
54) Dibenzofuran	10.10	168	1578	0.125	ng	# 91
55) 4-Nitrophenol	10.10	139	507	0.245	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	18409	6.771	ng	# 22
57) Fluorene	10.44	166	1642	0.177	ng	# 88
59) Diethylphthalate	10.31	149	8146	0.748	ng	# 92
62) Azobenzene	10.68	77	588	0.057	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	107	8.635	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	4274	0.461	ng	# 50
66) 4-Bromophenyl-phenylether	10.69	248	8769	3.068	ng	# 1
70) Phenanthrene	11.40	178	35567	2.533	ng	98
71) Anthracene	11.46	178	12054	0.846	ng	95
72) Carbazole	11.61	167	4182	0.318	ng	# 94
73) Di-n-butylphthalate	11.94	149	3296	0.214	ng	# 85
74) Fluoranthene	12.60	202	150522	10.116	ng	93
76) Benzidine	12.97	184	5639	0.895	ng	96

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

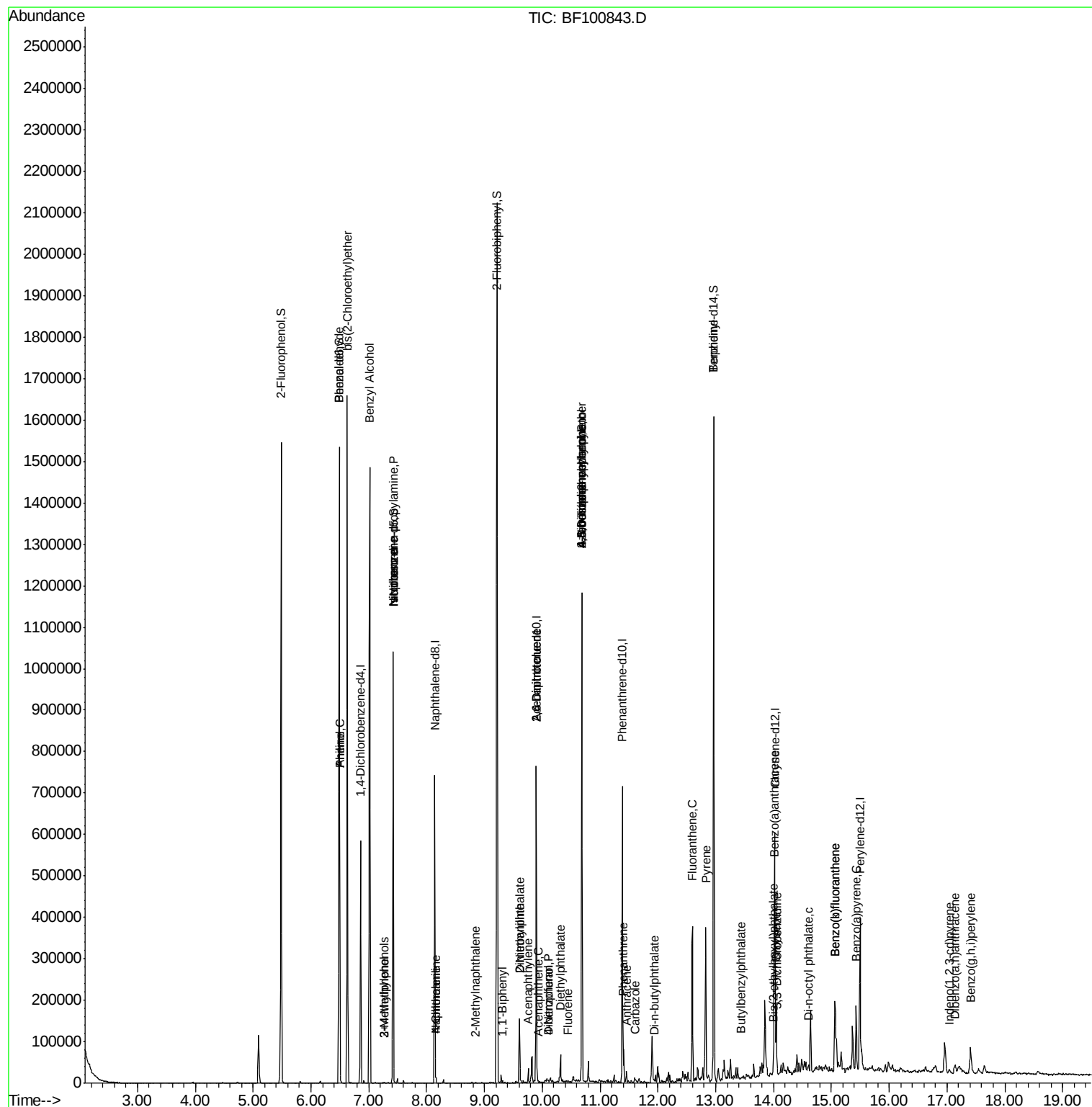
77) Pyrene	12.83	202	151457	13.511	nq	96
79) Butylbenzylphthalate	13.44	149	371	0.081	nq #	39
80) Benzo(a)anthracene	14.01	228	71583	7.559	nq	96
81) 3,3'-Dichlorobenzidine	14.06	252	737	0.217	nq #	1
82) Chrysene	14.04	228	66421	7.243	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	3017	0.502	nq #	90
84) Di-n-octyl phthalate	14.61	149	1427	0.138	nq #	82
85) Indeno(1,2,3-cd)pyrene	17.05	276	2309	0.311	nq	97
87) Benzo(b)fluoranthene	15.06	252	124448	11.805	nq	99
88) Benzo(k)fluoranthene	15.06	252	124448	12.494	nq	96
89) Benzo(a)pyrene	15.43	252	73929	7.910	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	10715	1.402	nq	97
91) Benzo(a,h,i)perylene	17.41	276	51339	6.862	nq	96

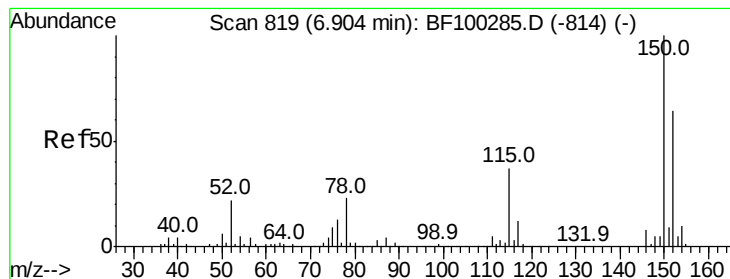
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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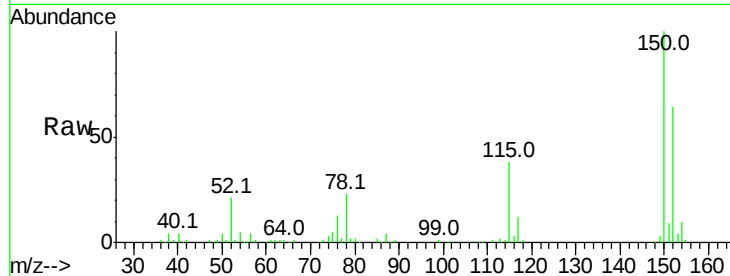


#1

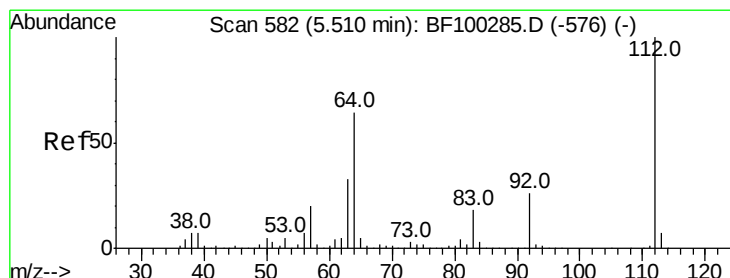
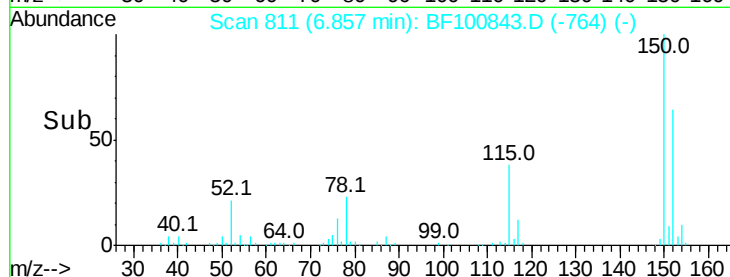
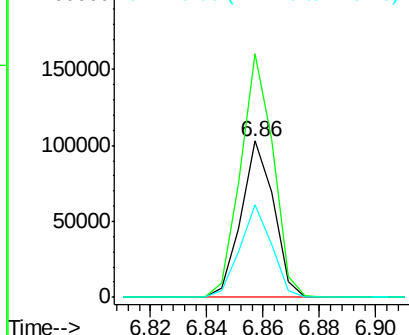
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82457
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 59.4 50.1 75.1



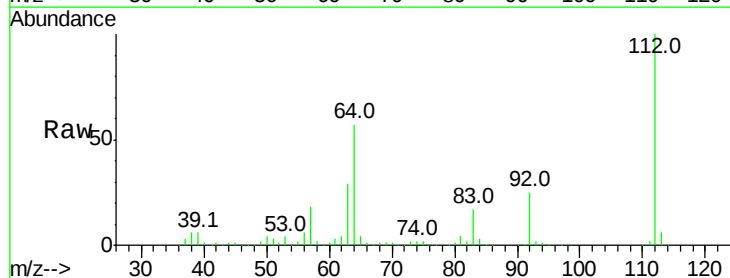
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



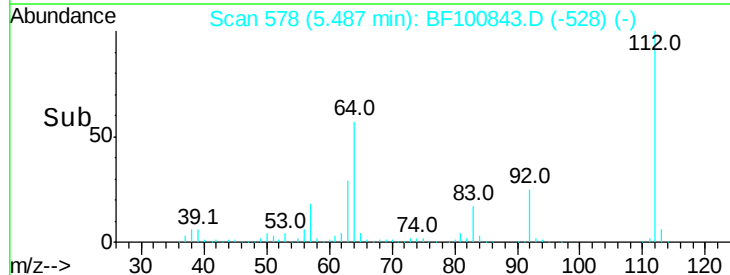
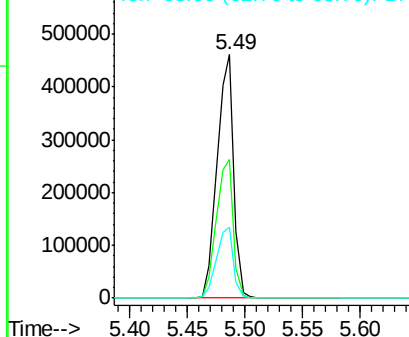
#5

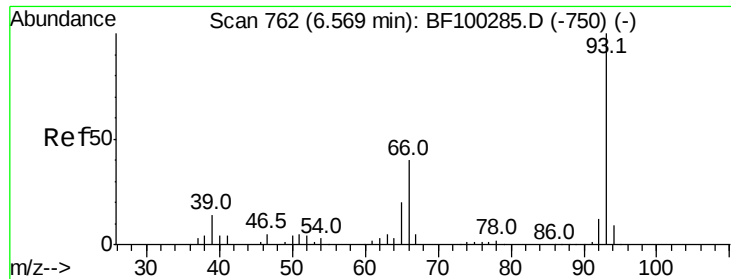
2-Fluorophenol
Concen: 88.528 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:112 Resp: 455384
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 29.2 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: 0.047 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

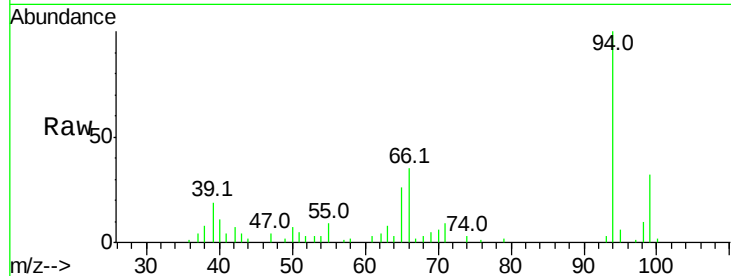
Tot Ion: 93 Resp: 424

Ion Ratio Lower Upper

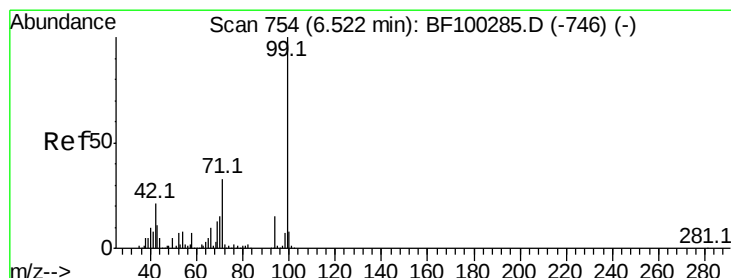
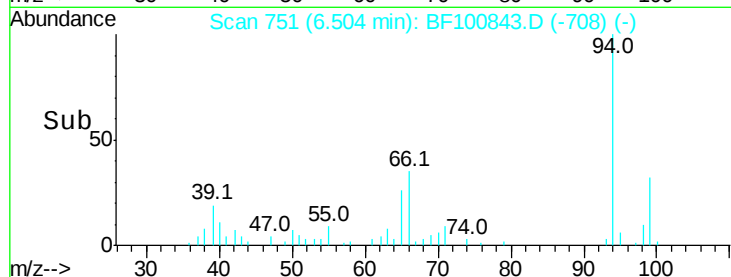
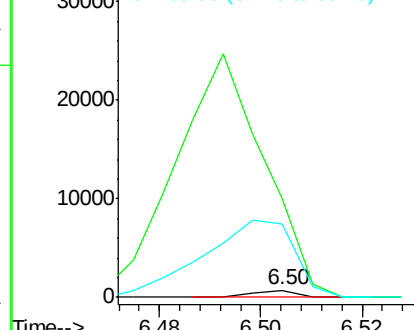
93 100

66 1334.2 32.2 48.2#

65 995.9 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: 87.231 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

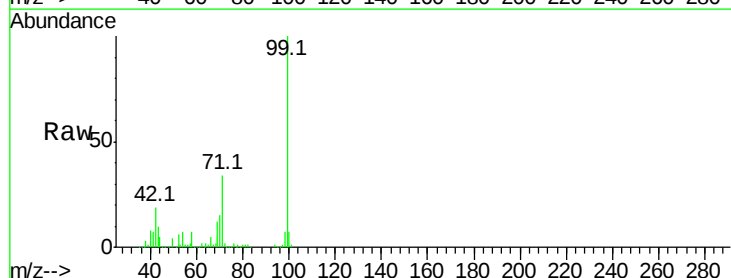
Tgt Ion: 99 Resp: 553323

Ion Ratio Lower Upper

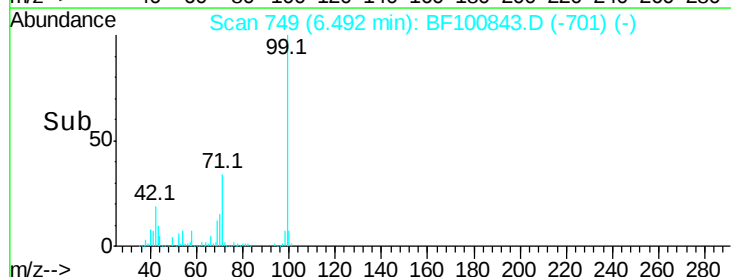
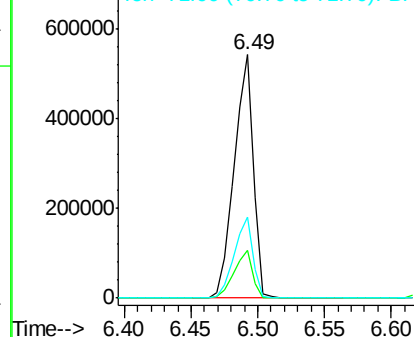
99 100

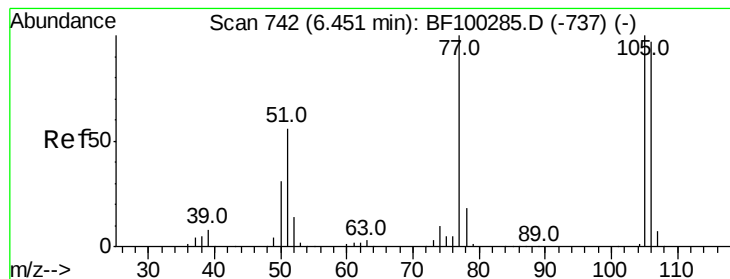
42 19.4 14.5 21.7

71 33.5 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





#9

Benzaldehyde

Concen: 0.182 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.06 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

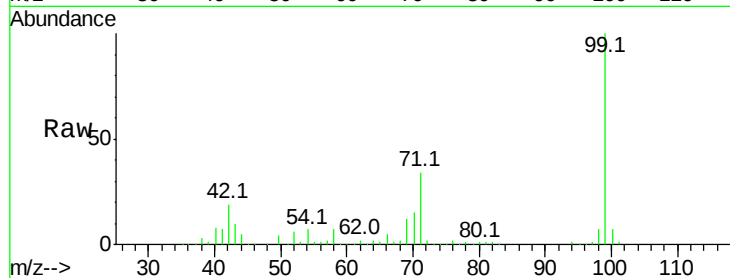
Tot Ion: 77 Resp: 825

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

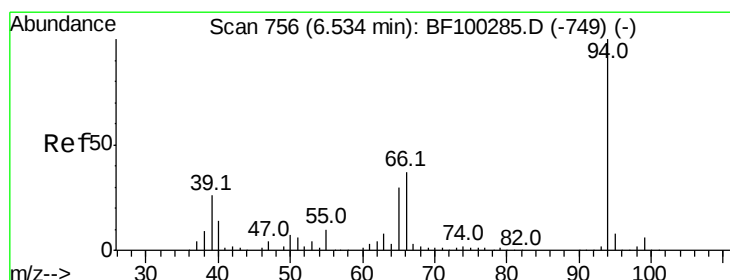
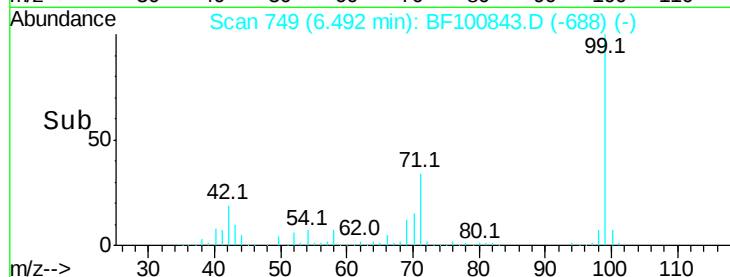
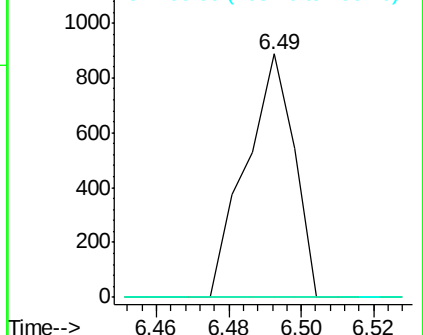
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 3.101 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

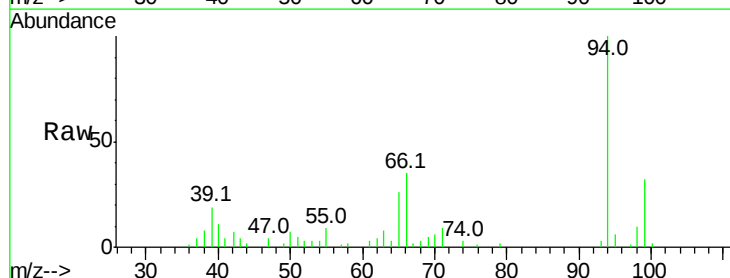
Tgt Ion: 94 Resp: 20648

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

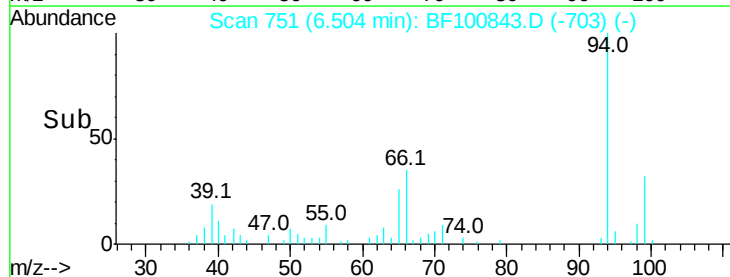
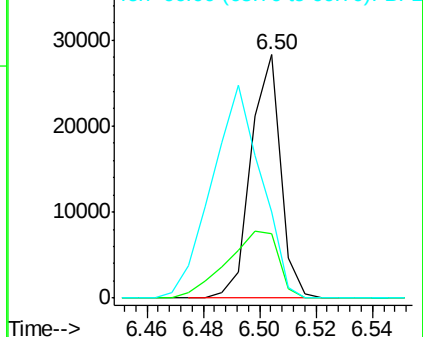
66 35.5 16.2 56.2

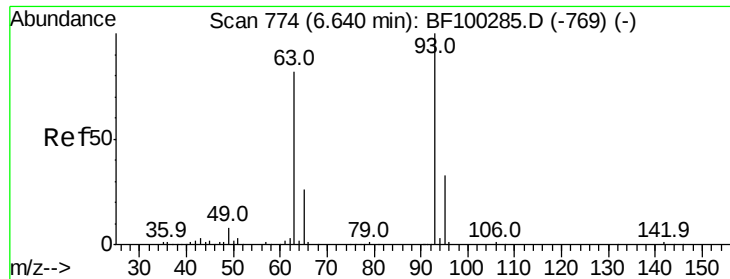


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

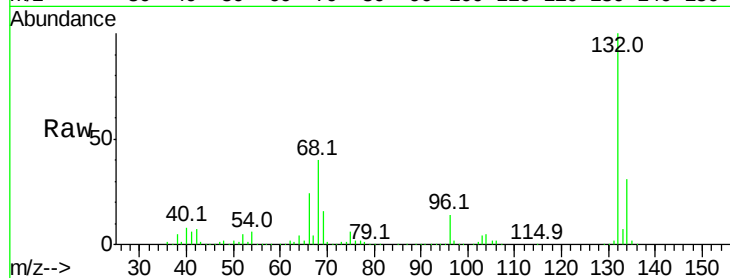




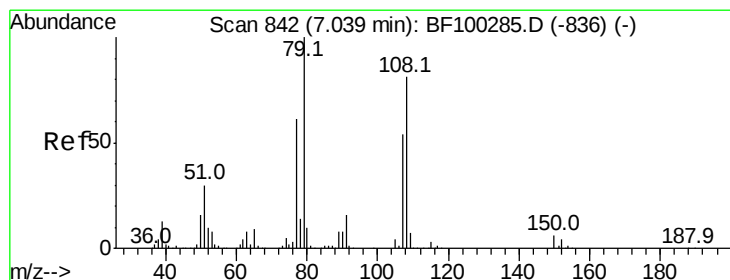
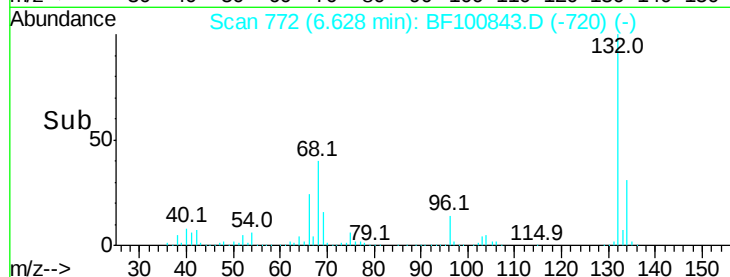
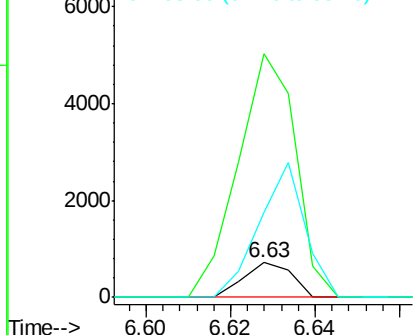
#11
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 564
Ion Ratio Lower Upper
93 100
63 700.3 58.6 98.6#
95 243.9 11.8 51.8#

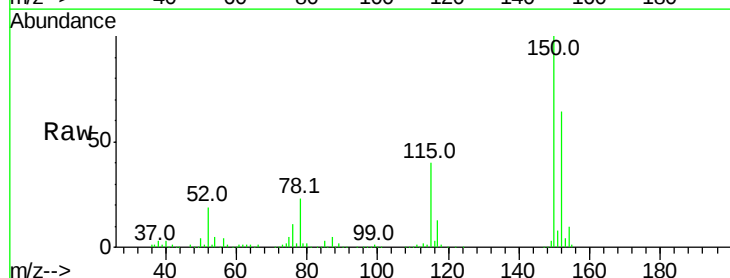


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

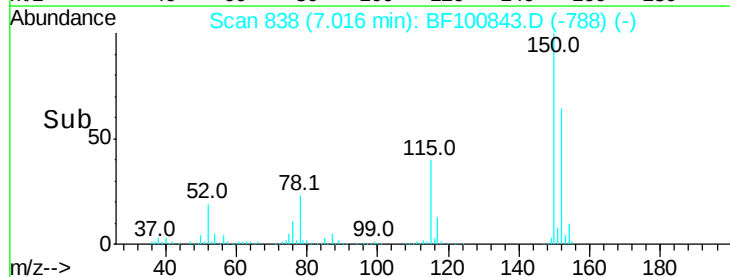
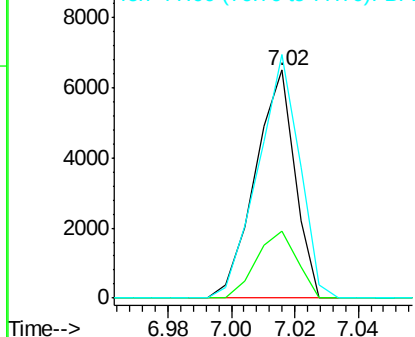


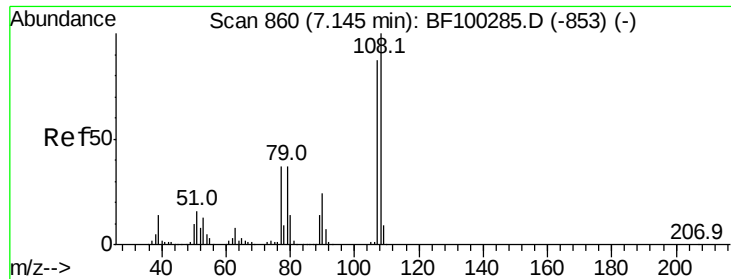
#15
Benzyl Alcohol
Concen: 1.142 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion: 79 Resp: 5654
Ion Ratio Lower Upper
79 100
108 29.6 65.1 97.7#
77 106.7 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





#17

2-Methylphenol

Concen: 0.030 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 140

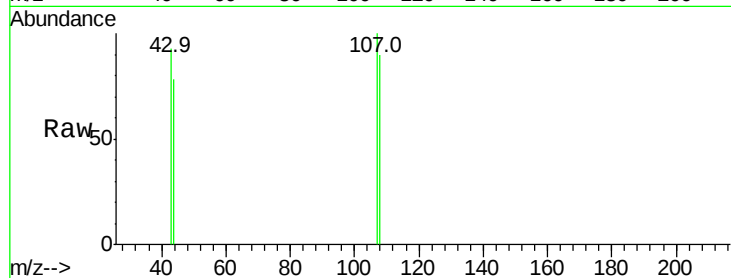
Ion Ratio Lower Upper

107 100

108 90.2 91.7 137.5#

77 0.0 33.8 50.8#

79 0.0 33.8 50.8#



Abundance Ion 107.00 (106.70 to 107.70): E

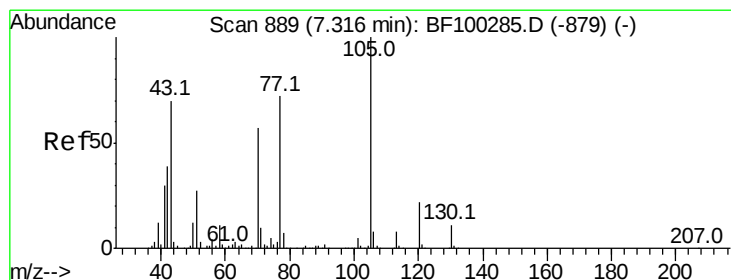
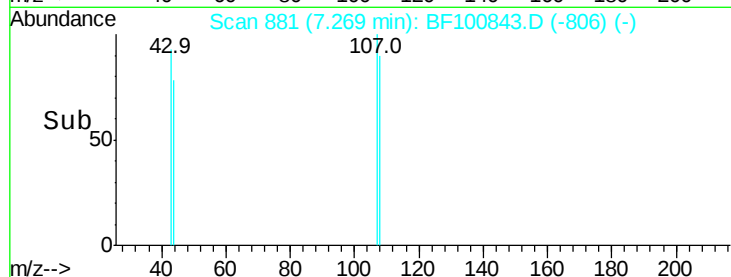
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.27

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 10.220 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion: 70 Resp: 44959

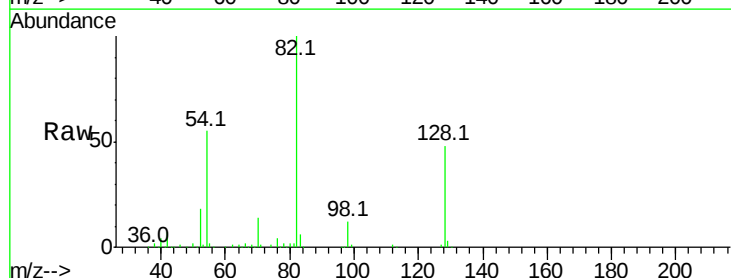
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1

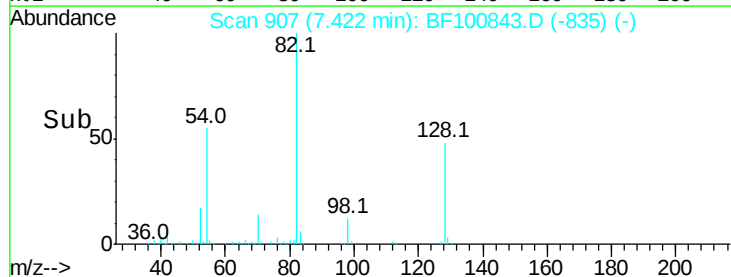
Ion 42.00 (41.70 to 42.70): BF1

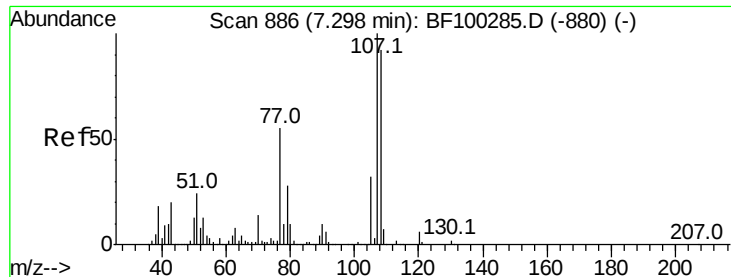
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

7.42

Time-->





#20

3+4-Methylphenols

Concen: 0.024 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 140

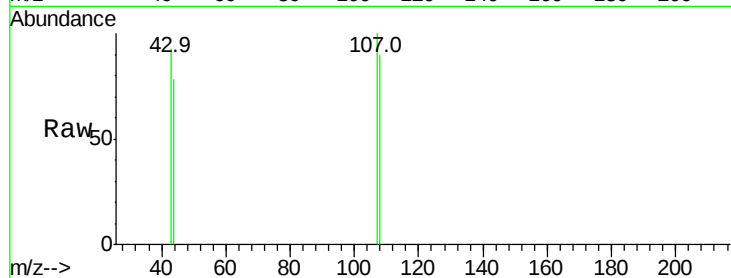
Ion Ratio Lower Upper

107 100

108 90.2 68.2 108.2

77 0.0 26.7 66.7#

79 0.0 6.3 46.3#



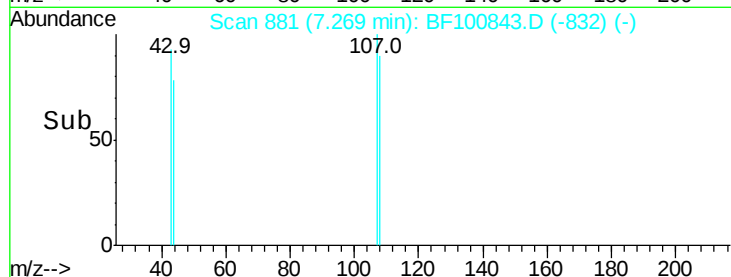
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

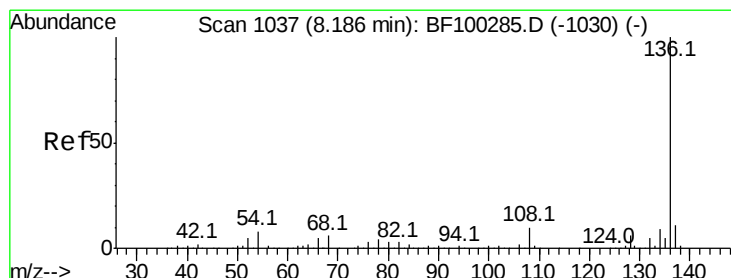
Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->

7.25 7.26 7.27 7.28



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion:136 Resp: 320977

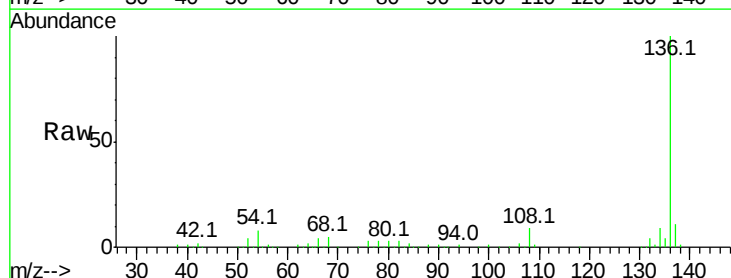
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.1 5.0 7.4



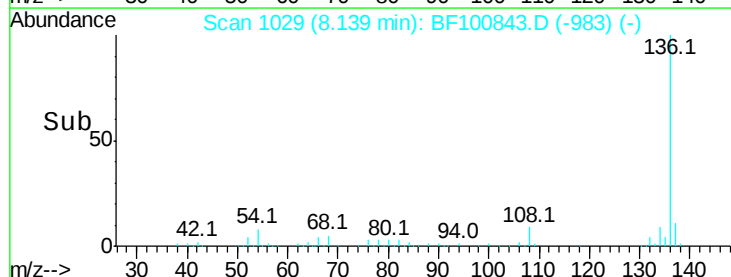
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

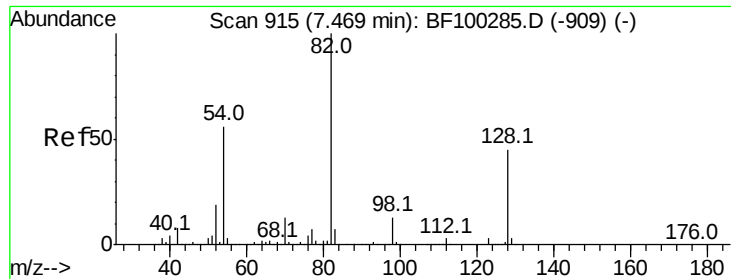
Ion 68.00 (67.70 to 68.70): BF1

Time-->



Time-->

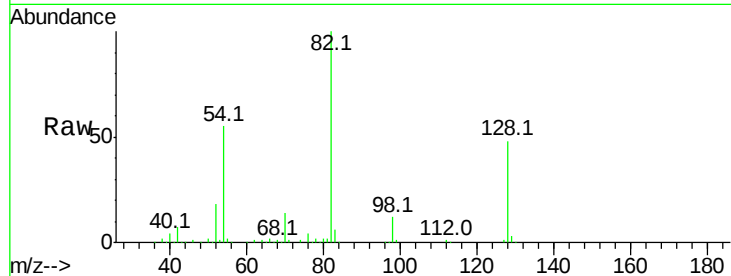
8.10 8.15 8.20



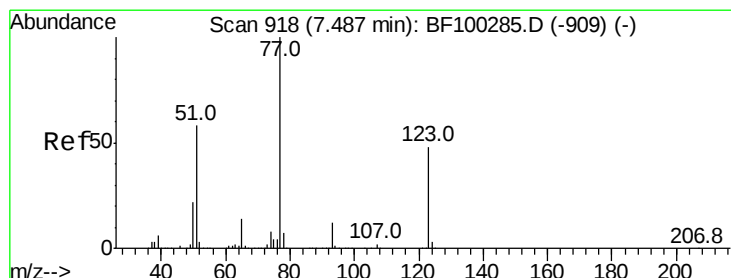
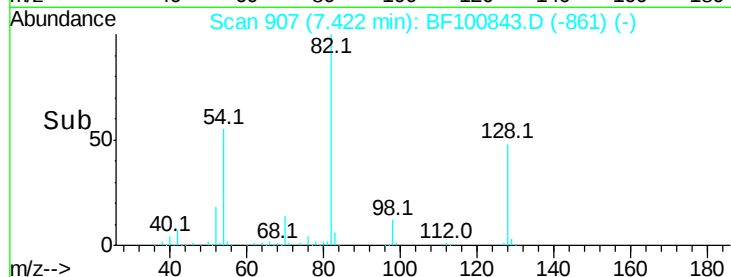
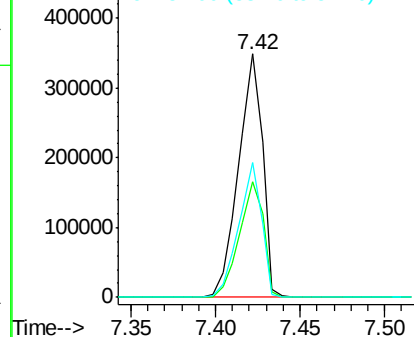
#23
Nitrobenzene-d5
Concen: 70.857 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 344006
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 55.5 41.4 62.2

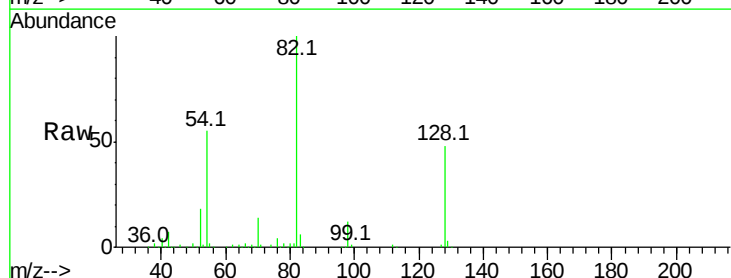


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

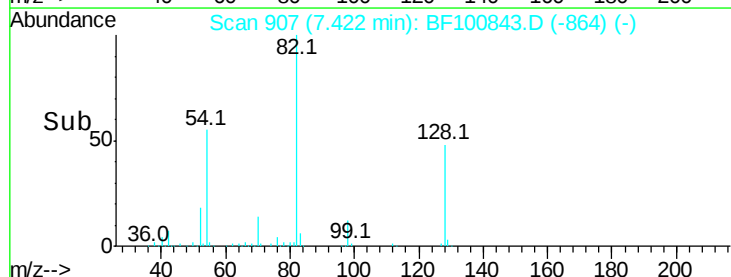
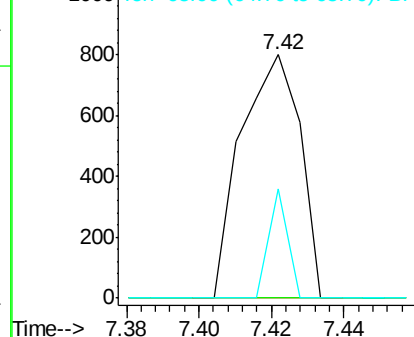


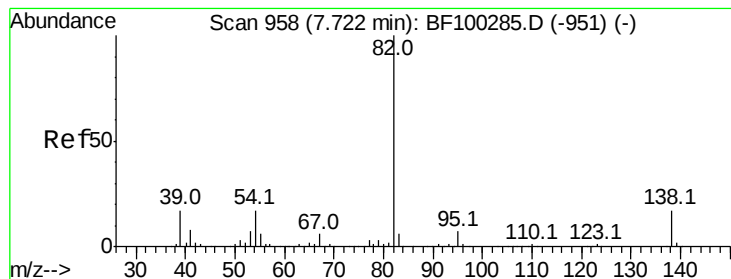
#24
Nitrobenzene
Concen: 0.180 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion: 77 Resp: 899
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 44.7 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: 33.718 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampled :

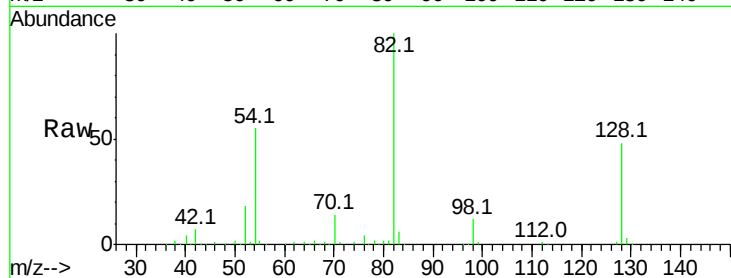
Tot Ion: 82 Resp: 344002

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

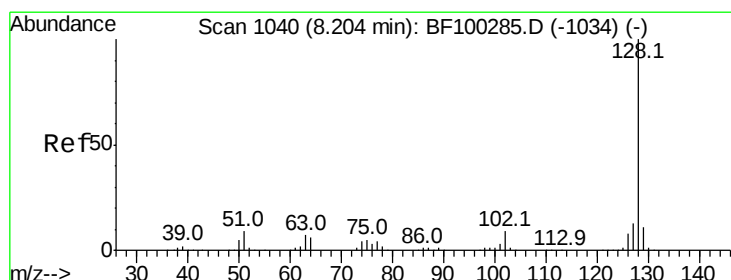
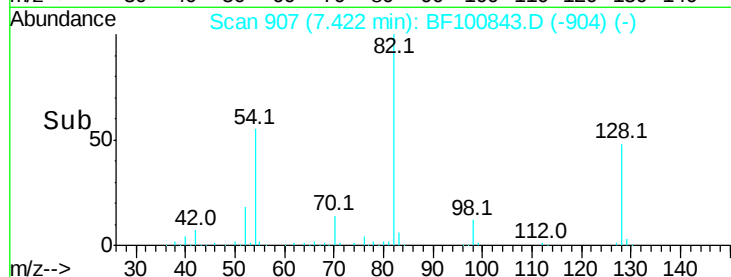
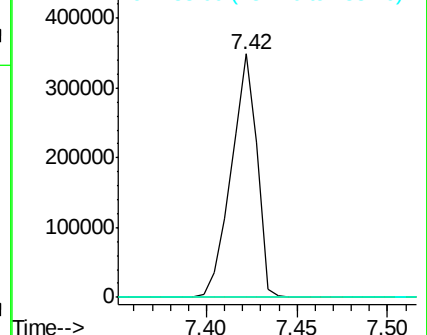
138 0.0 14.9 22.3#



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: 0.349 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

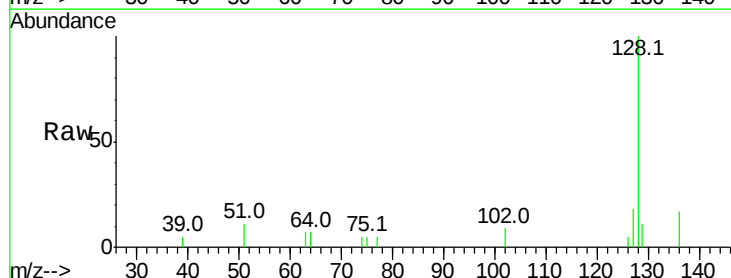
Tgt Ion: 128 Resp: 5388

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

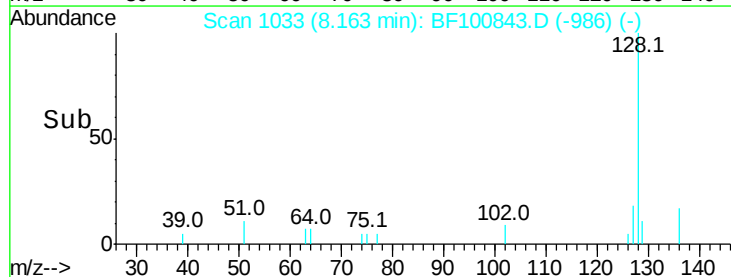
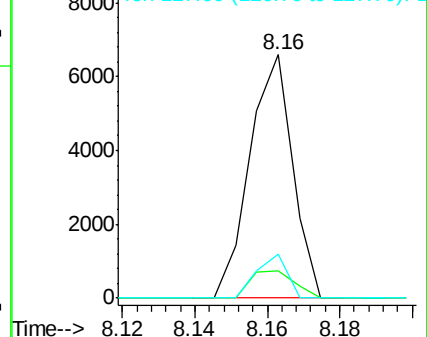
127 17.8 10.9 16.3#

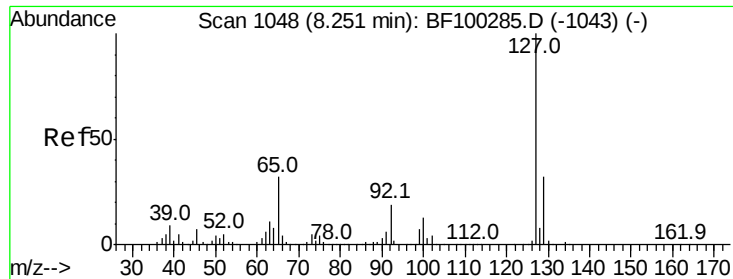


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

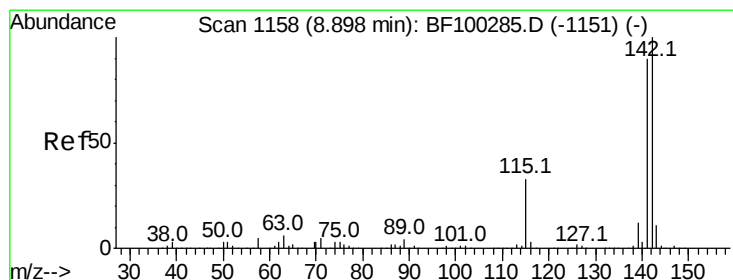
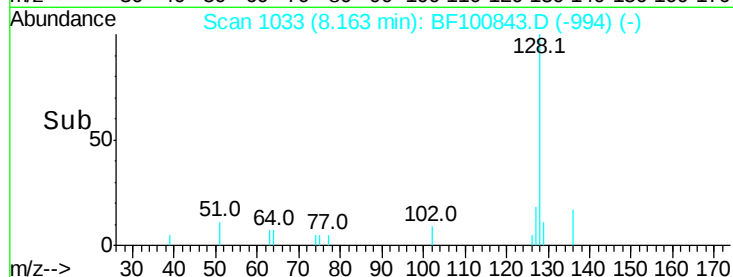
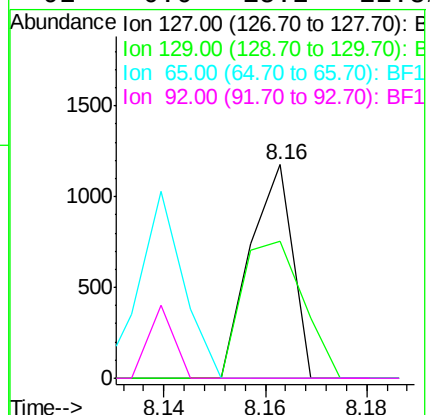
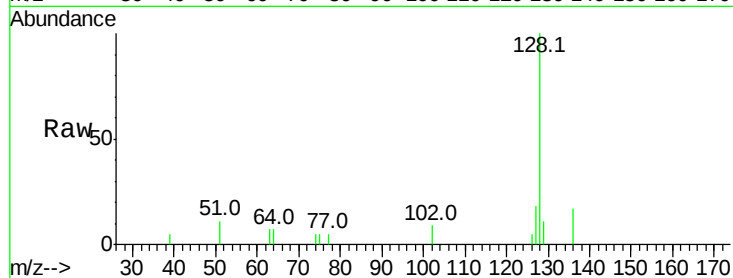




#33
4-Chloroaniline
Concen: 0.105 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

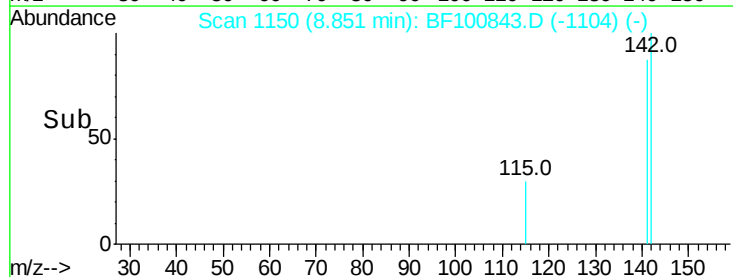
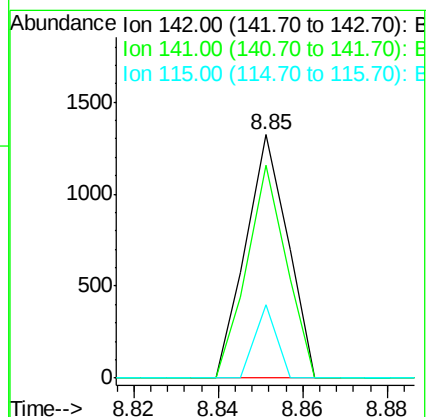
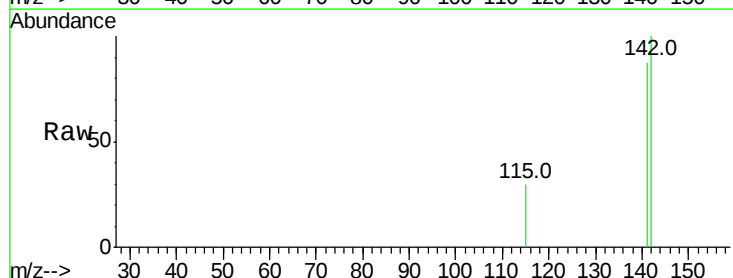
Instrument :
BNA_F
ClientSampleId :

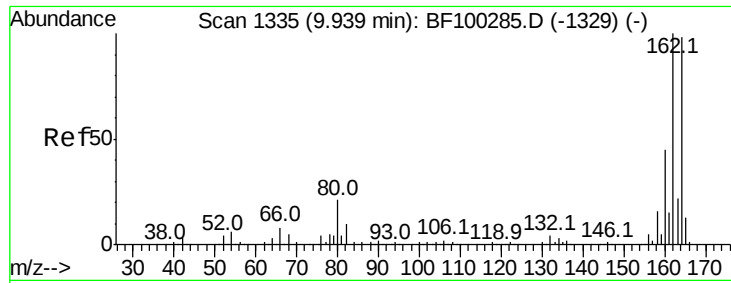
Tot Ion:	127	Resp:	677
Ion	Ratio	Lower	Upper
127	100		
129	64.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 0.089 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:	142	Resp:	915
Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	30.1	26.1	39.1

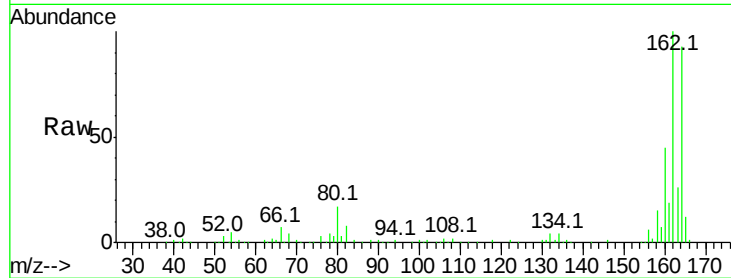




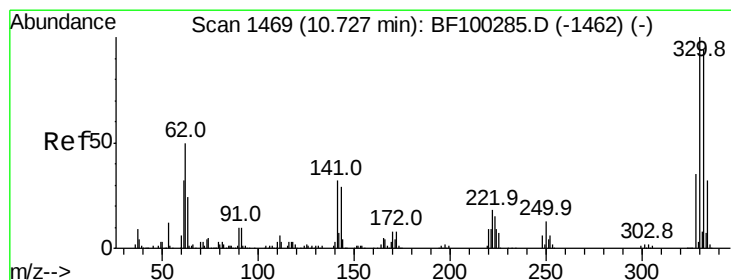
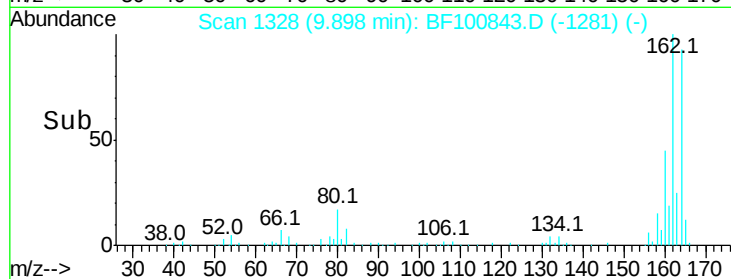
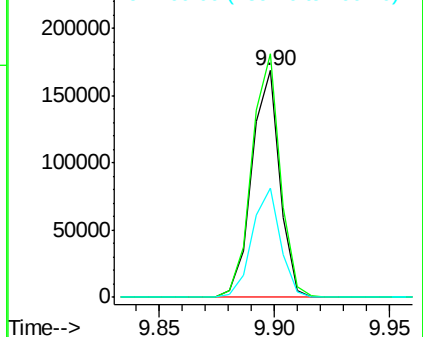
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 142598
 Ion Ratio Lower Upper
 164 100
 162 107.4 86.1 129.1
 160 48.3 38.3 57.5

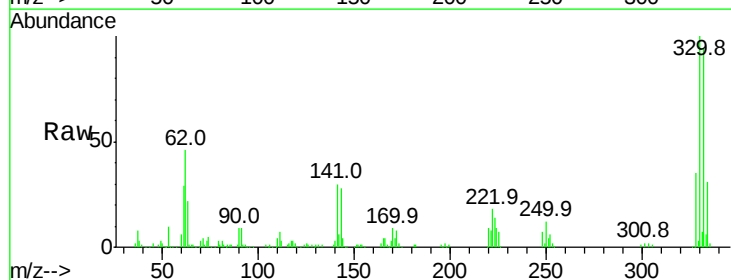


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

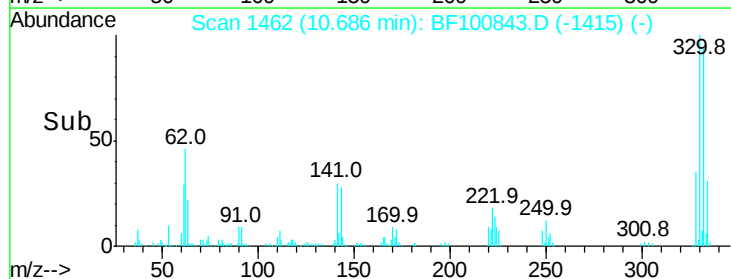
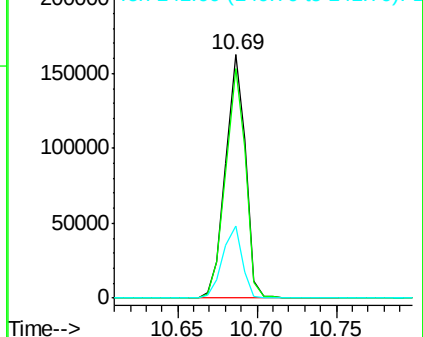


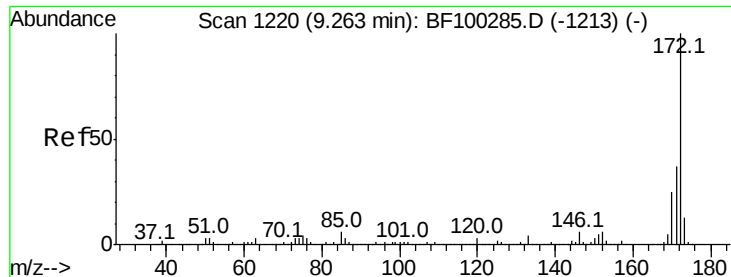
#41
 2,4,6-Tribromophenol
 Concen: 97.720 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:330 Resp: 141994
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 29.1 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

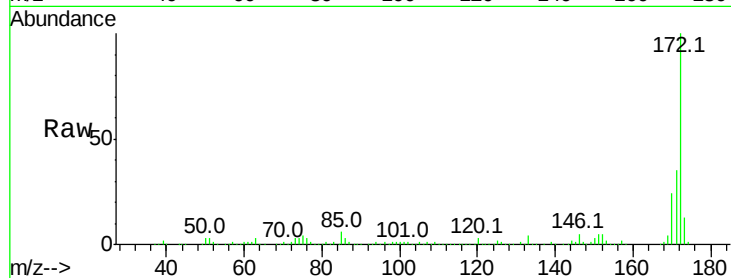




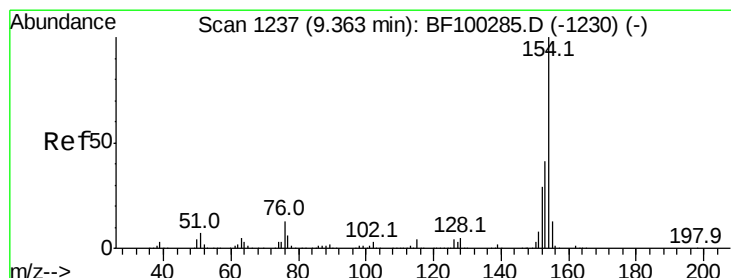
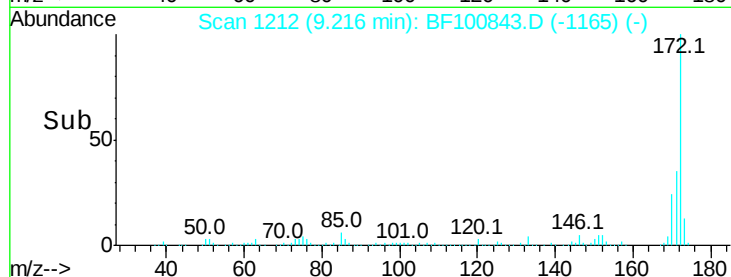
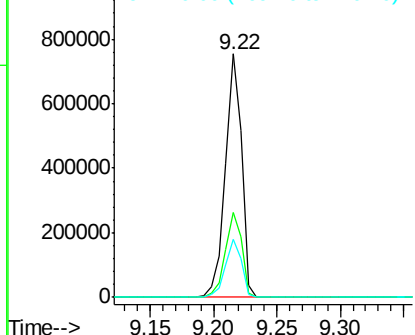
#44
2-Fluorobiphenyl
Concen: 71.564 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 670175
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 24.0 19.6 29.4

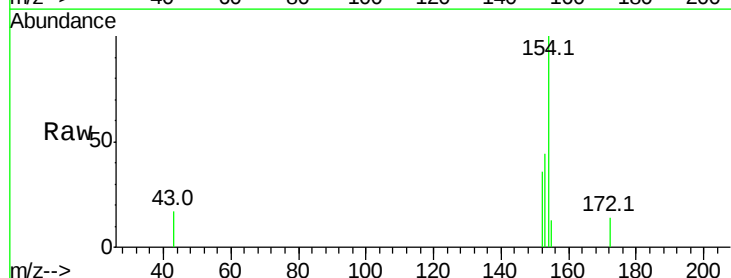


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

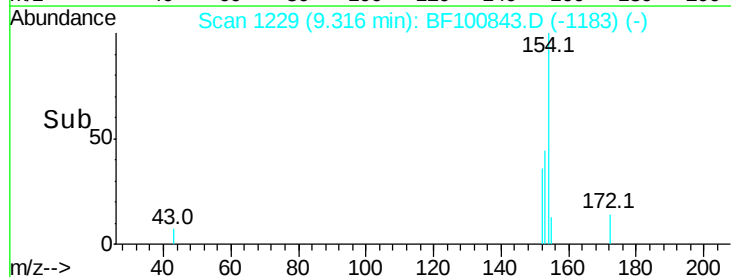
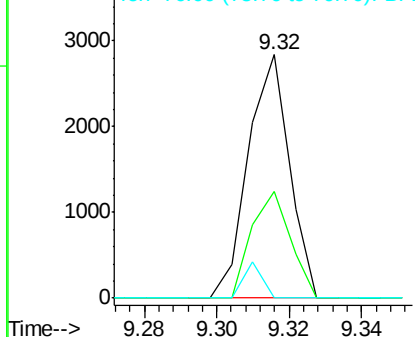


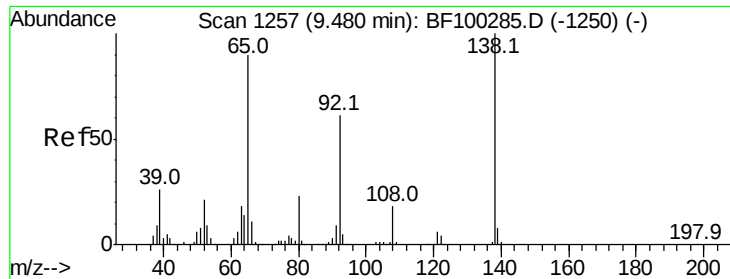
#45
1,1'-Biphenyl
Concen: 0.181 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:154 Resp: 2227
Ion Ratio Lower Upper
154 100
153 43.6 21.3 61.3
76 0.0 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

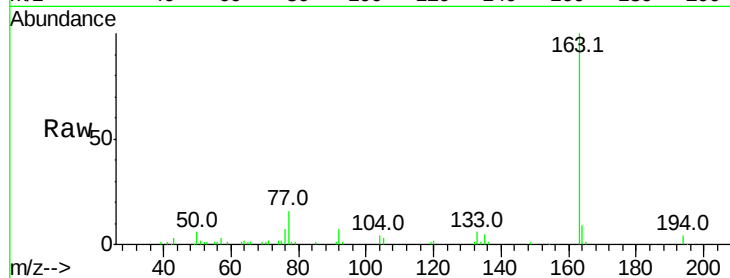




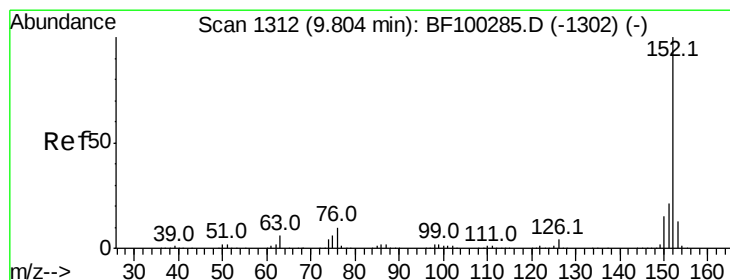
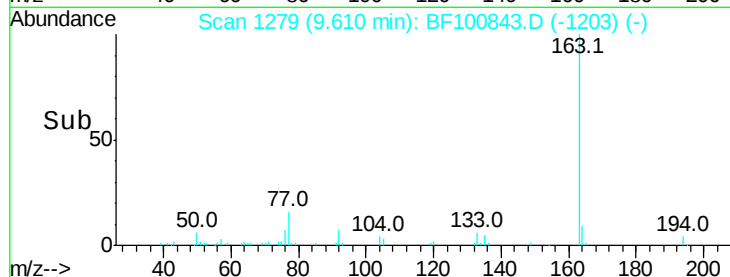
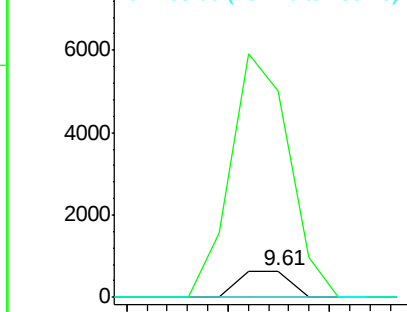
#47
2-Nitroaniline
Concen: 2.942 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.15 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 444
Ion Ratio Lower Upper
65 100
92 790.2 55.8 83.6#
138 0.0 91.2 136.8#

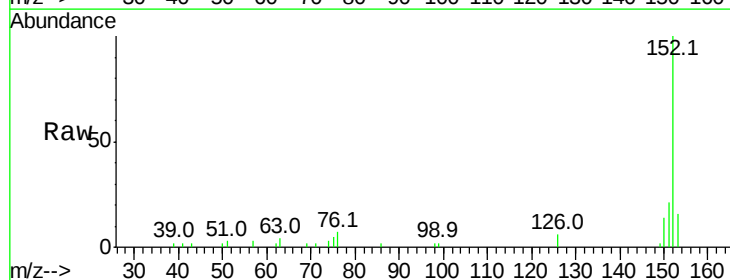


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

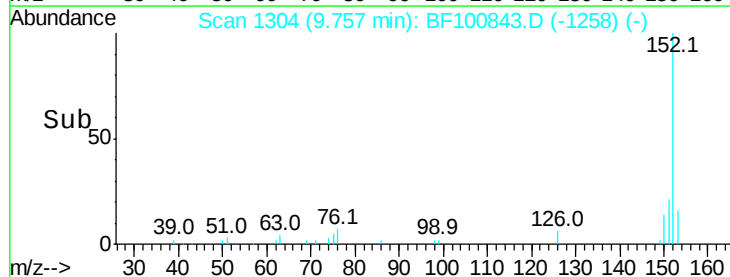
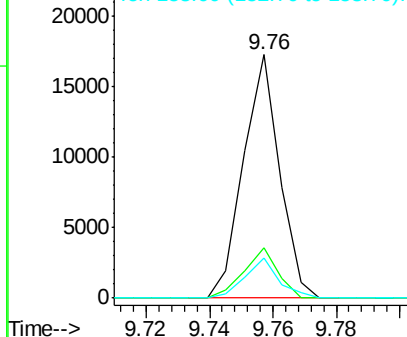


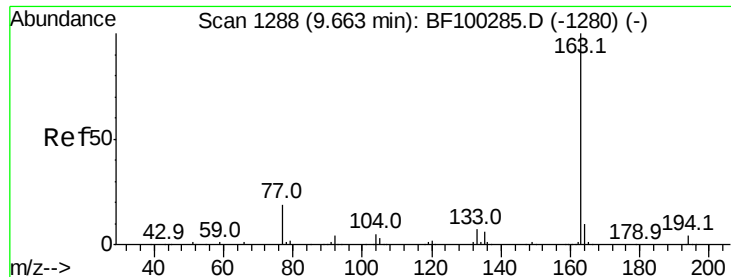
#48
Acenaphthylene
Concen: 0.917 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion: 152 Resp: 13596
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 16.3 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

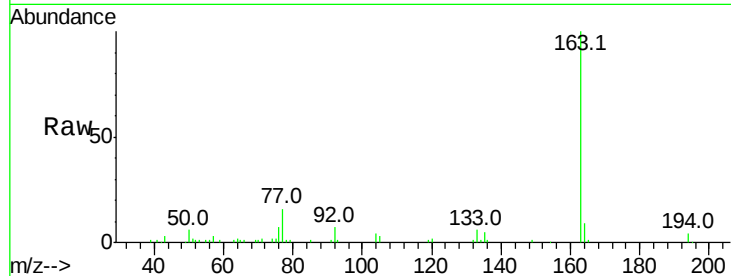




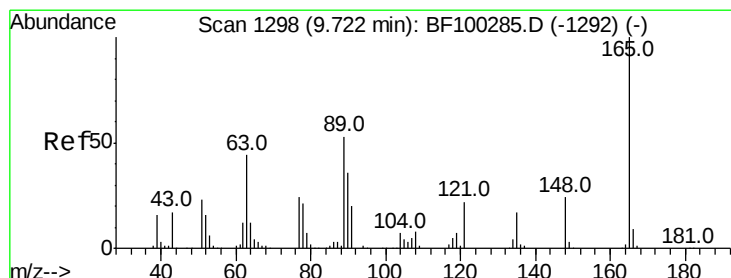
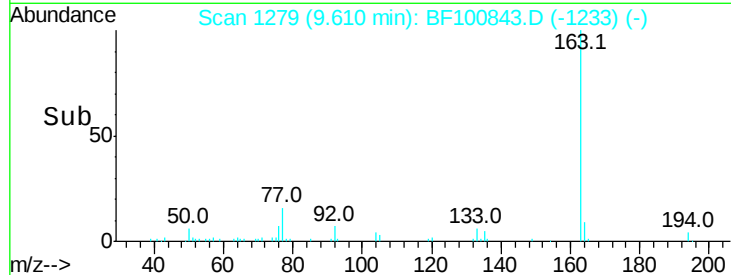
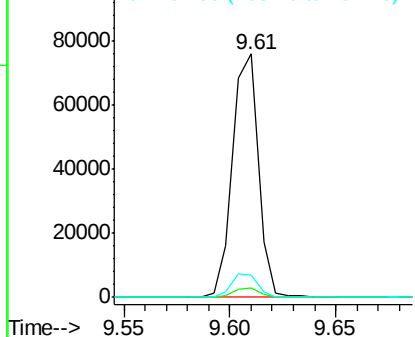
#49
Dimethylphthalate
Concen: 5.890 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 64132
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 8.9 8.2 12.2

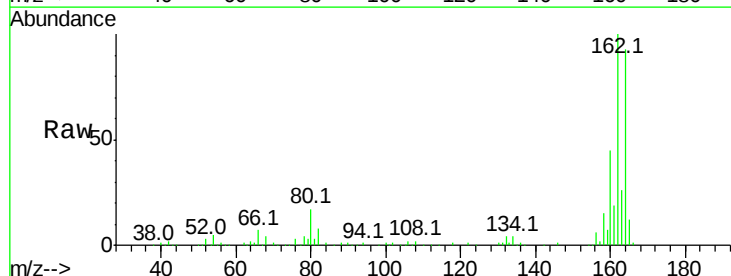


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

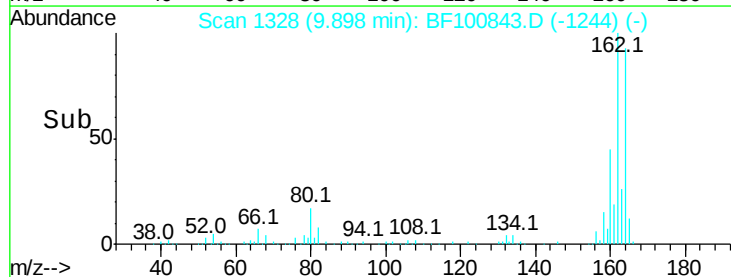
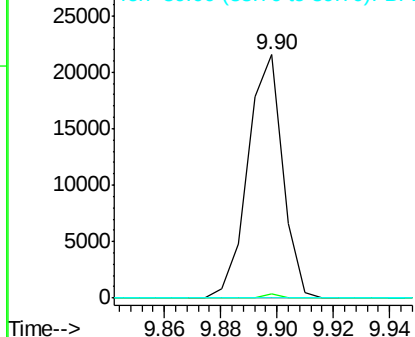


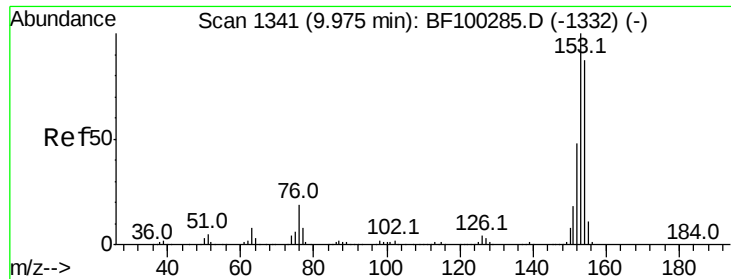
#50
2,6-Dinitrotoluene
Concen: 8.542 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:165 Resp: 18409
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 0.0 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: 0.107 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

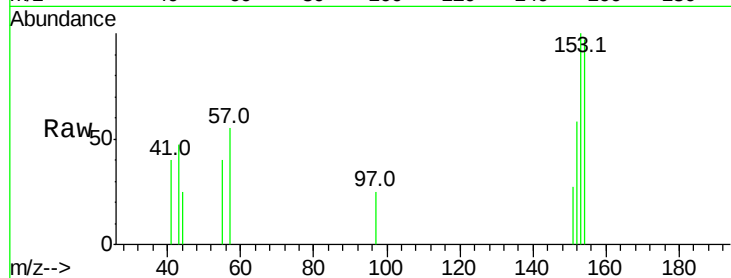
Tot Ion:154 Resp: 969

Ion Ratio Lower Upper

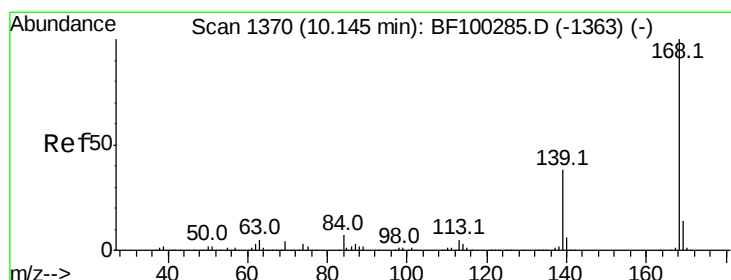
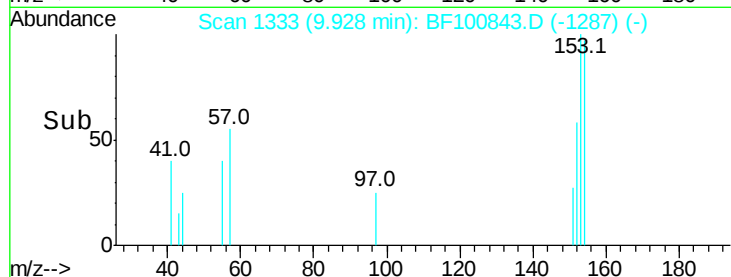
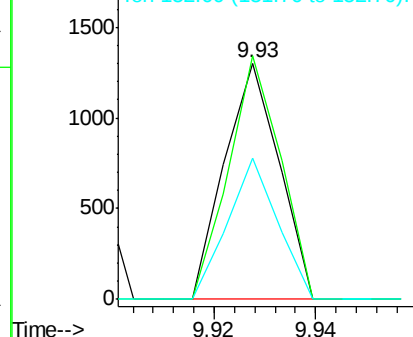
154 100

153 103.0 91.2 136.8

152 59.7 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: 0.125 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

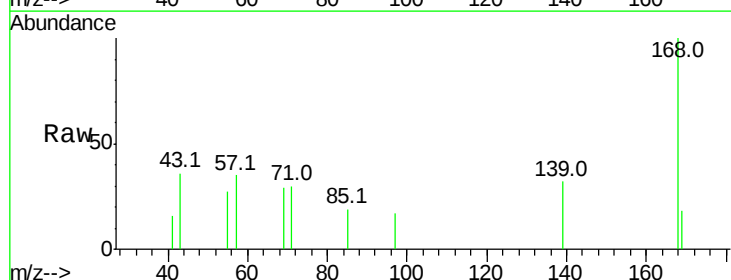
Tgt Ion:168 Resp: 1578

Ion Ratio Lower Upper

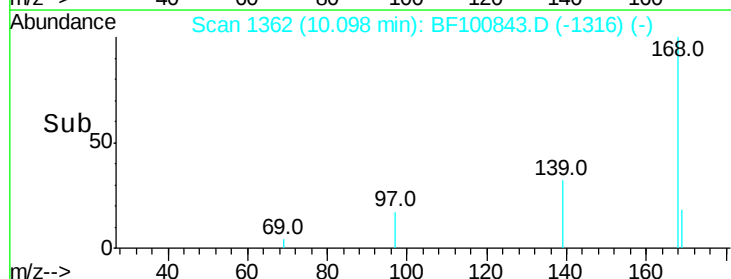
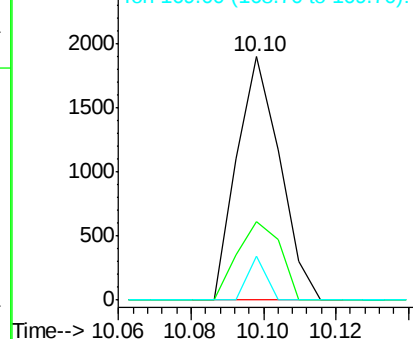
168 100

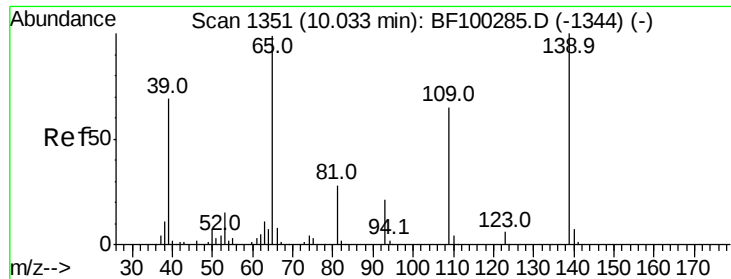
139 32.4 30.1 45.1

169 17.9 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

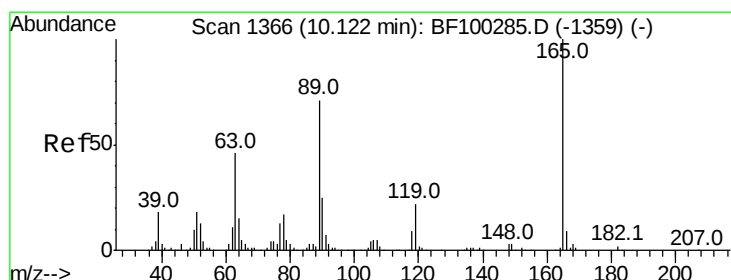
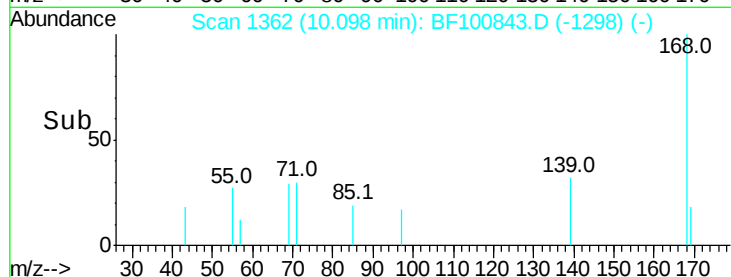
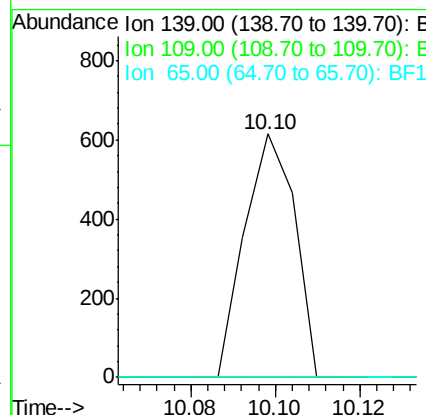
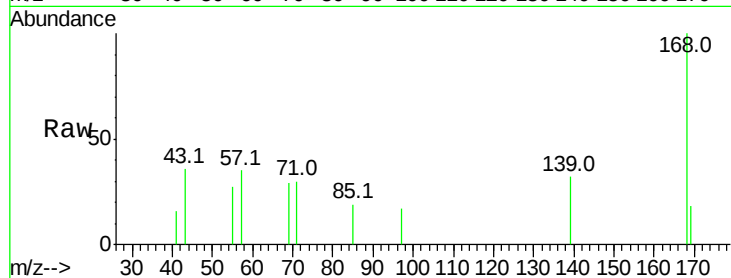




#55
 4-Nitrophenol
 Concen: 0.245 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.08 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

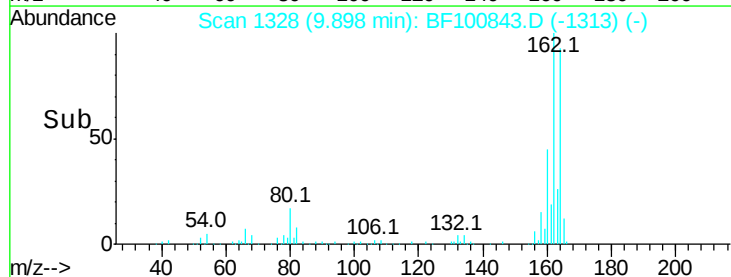
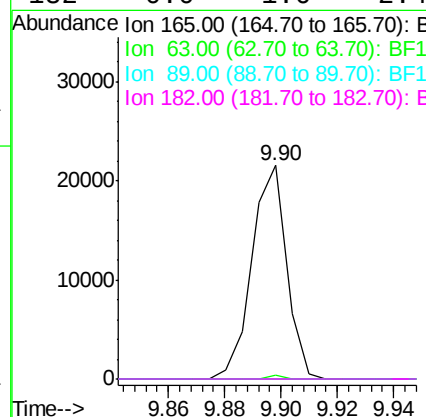
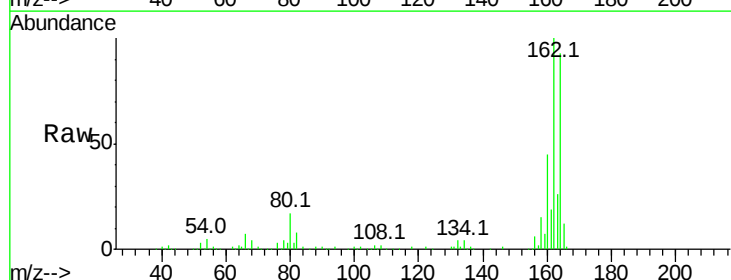
Instrument :
 BNA_F
 ClientSampleId :

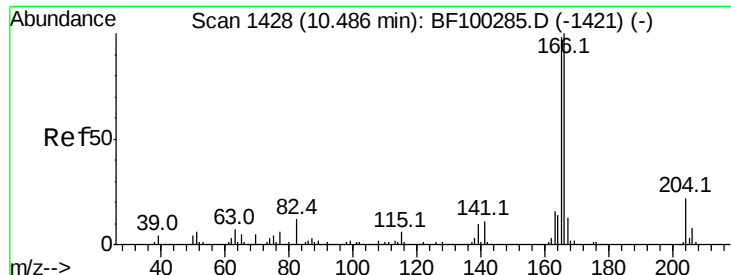
Tot Ion:139 Resp: 507
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.771 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:165 Resp: 18409
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

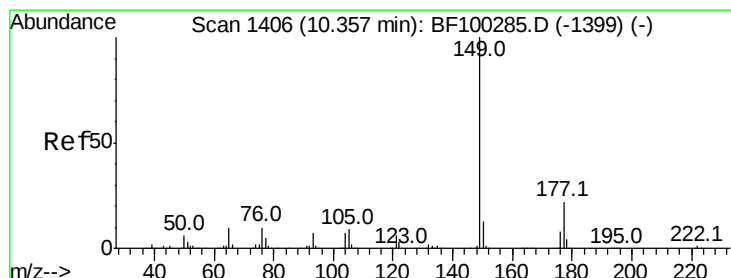
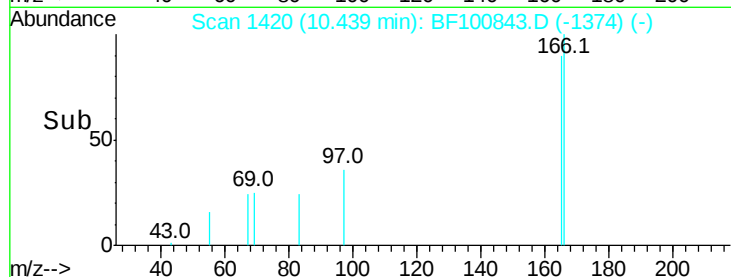
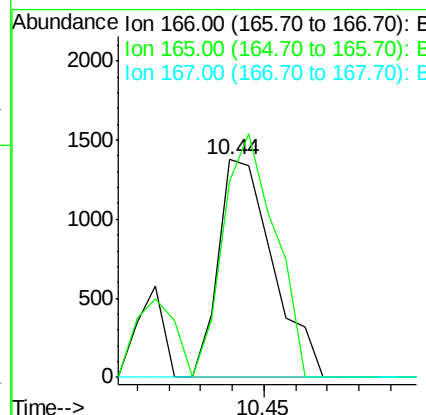
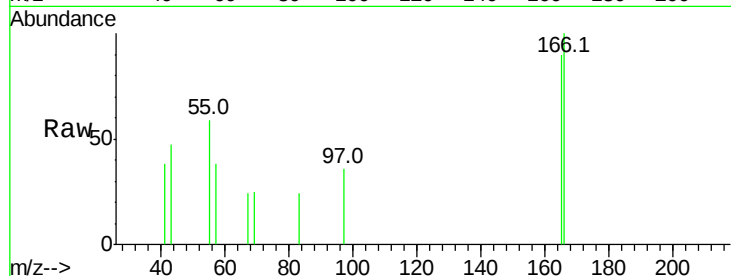




#57
Fluorene
 Concen: 0.177 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.03 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

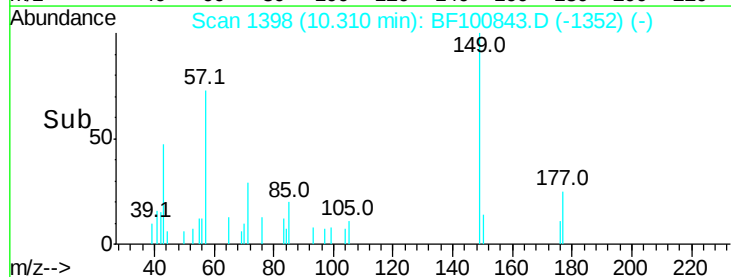
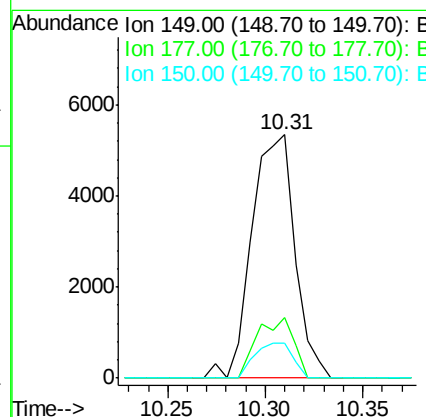
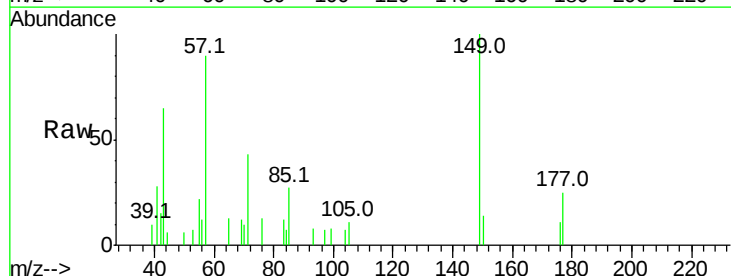
Instrument :
 BNA_F
 ClientSampleId :

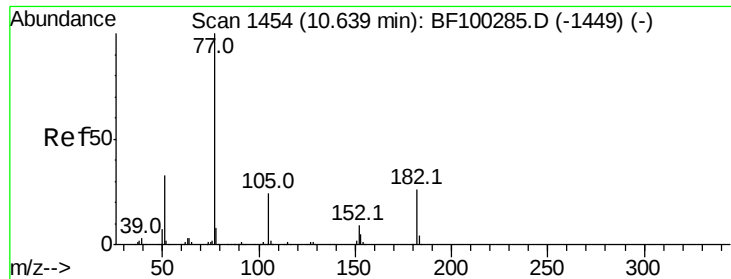
Tot Ion:166 Resp: 1642
 Ion Ratio Lower Upper
 166 100
 165 90.4 79.8 119.8
 167 0.0 10.6 16.0#



#59
Diethylphthalate
 Concen: 0.748 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:149 Resp: 8146
 Ion Ratio Lower Upper
 149 100
 177 24.7 16.1 24.1#
 150 14.3 10.1 15.1





#62

Azobenzene

Concen: 0.057 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.06 min

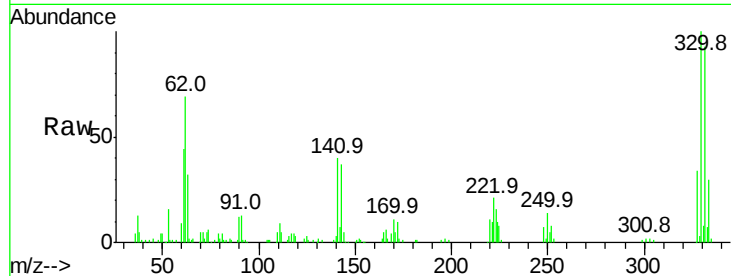
Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 588

Ion Ratio Lower Upper

77 100

182 102.4 1.7 41.7#

105 87.9 3.0 43.0#

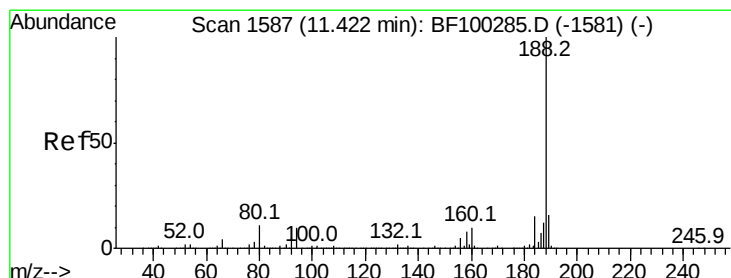
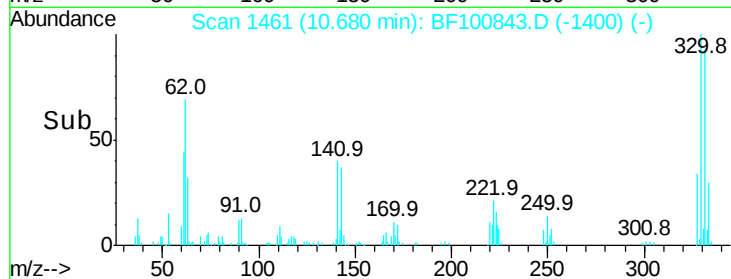
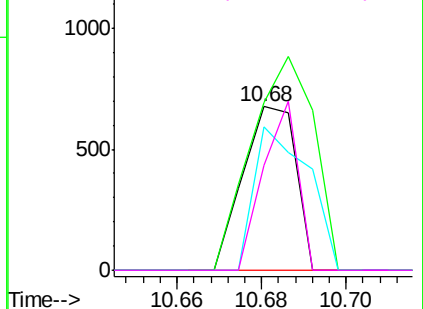
51 64.0 9.9 49.9#

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: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion: 188 Resp: 266661

Ion Ratio Lower Upper

188 100

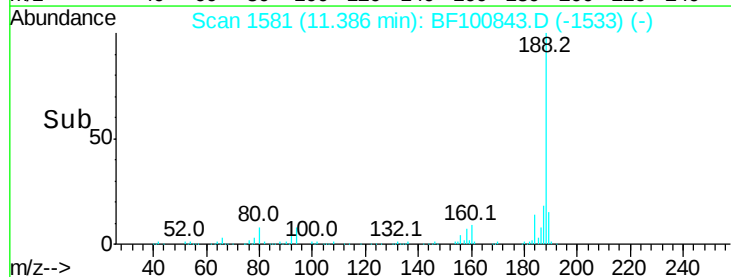
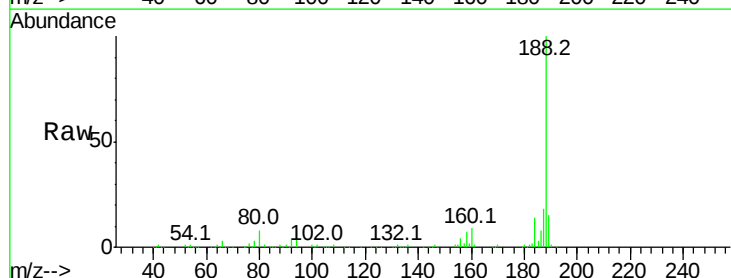
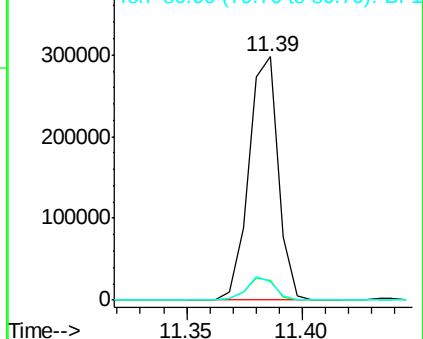
94 7.8 8.5 12.7#

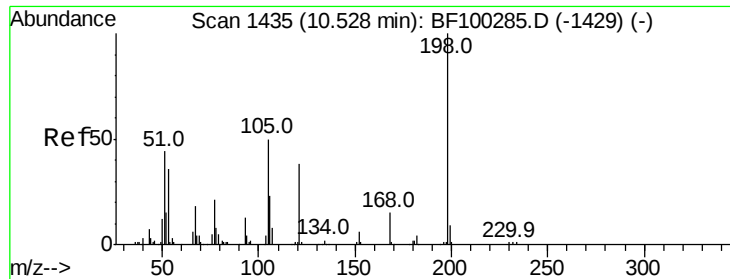
80 7.7 9.2 13.8#

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

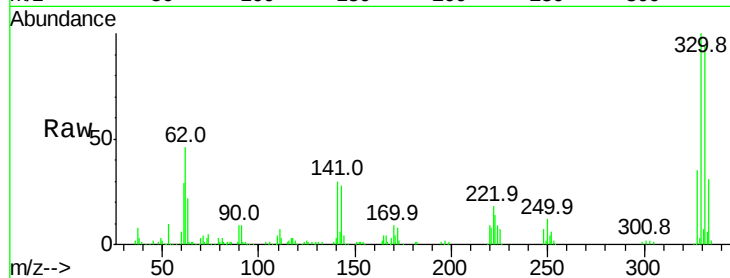




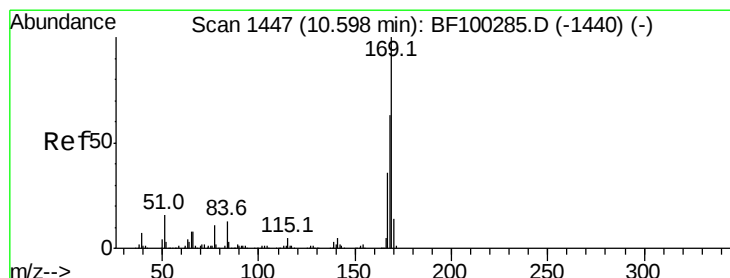
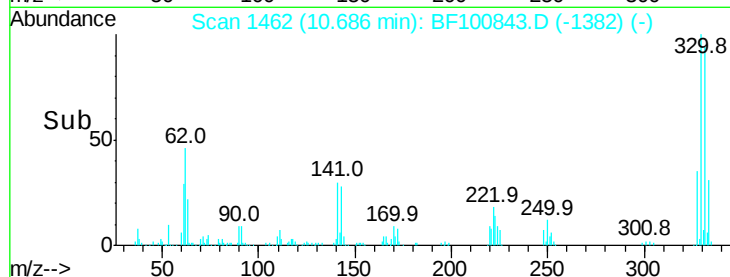
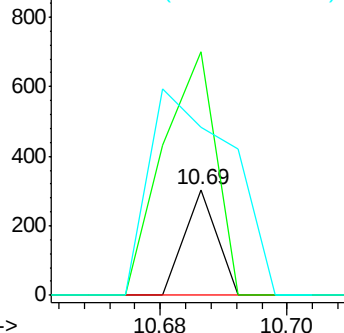
#64
4,6-Dinitro-2-methylphenol
Concen: 8.635 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.17 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 230.3 37.7 77.7#
105 159.5 36.3 76.3#

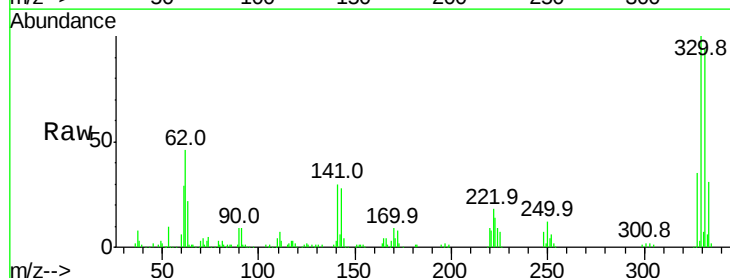


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

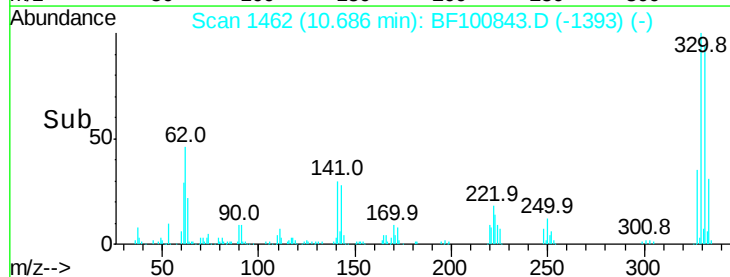
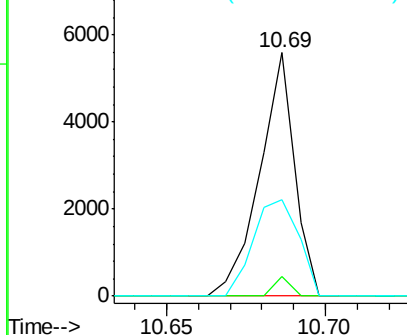


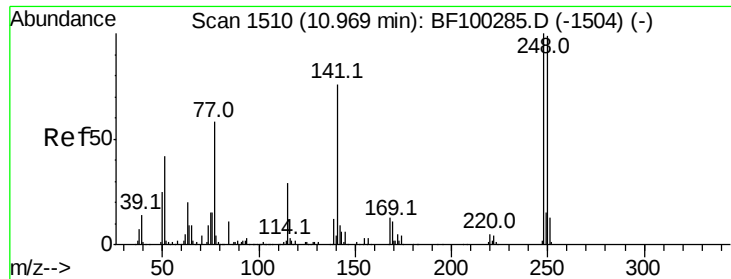
#65
n-Nitrosodiphenylamine
Concen: 0.461 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.11 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:169 Resp: 4274
Ion Ratio Lower Upper
169 100
168 8.0 54.4 81.6#
167 39.7 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

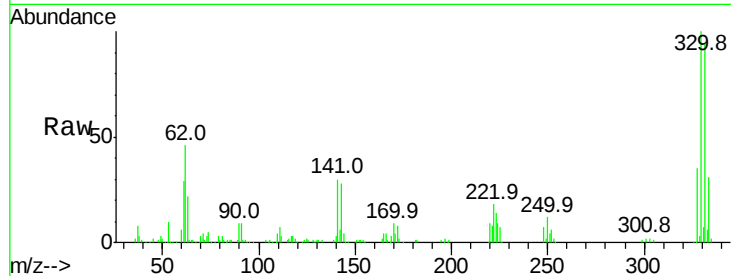




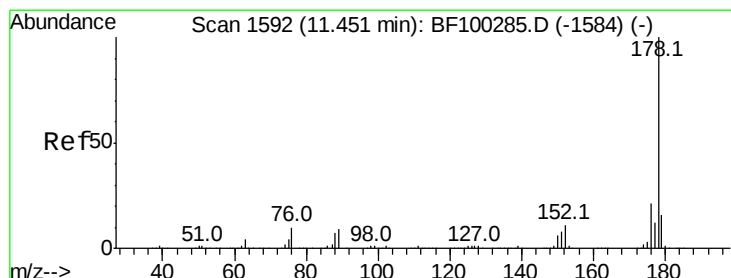
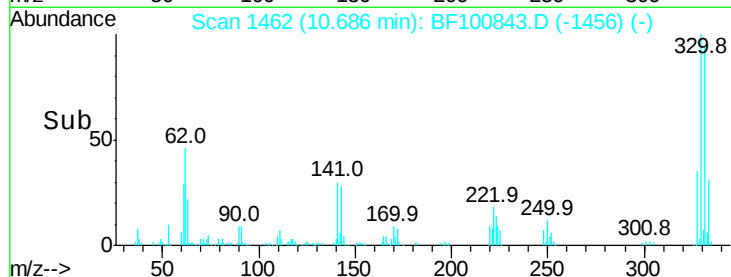
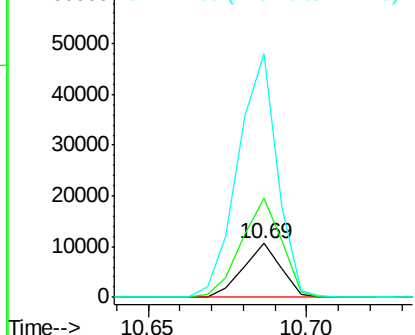
#66
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.26 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8769
Ion Ratio Lower Upper
248 100
250 184.3 76.9 115.3#
141 451.2 74.4 111.6#

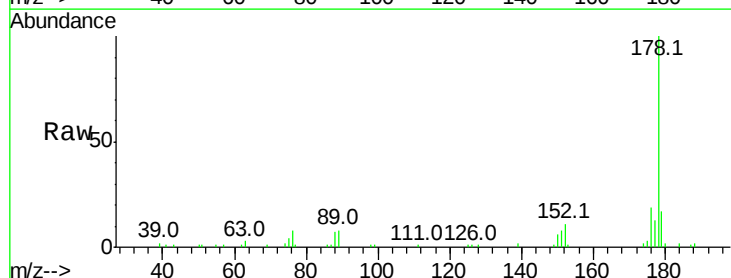


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

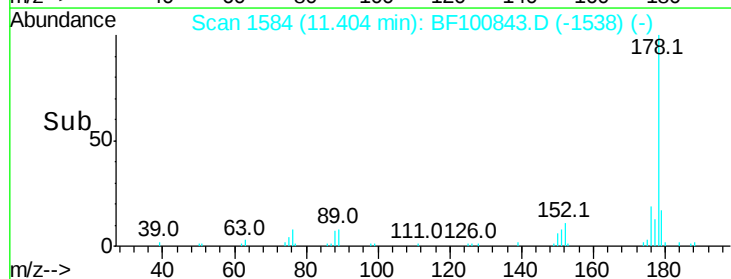
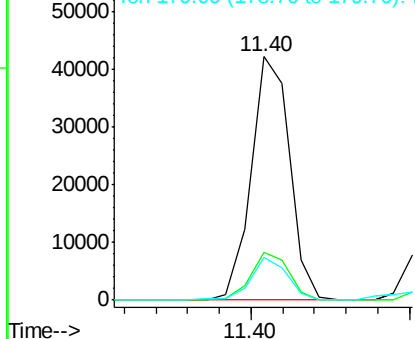


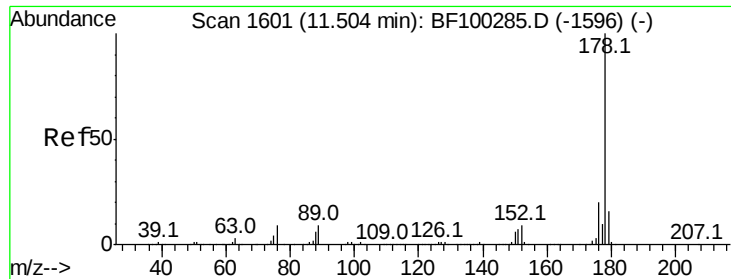
#70
Phenanthrene
Concen: 2.533 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:178 Resp: 35567
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 17.3 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

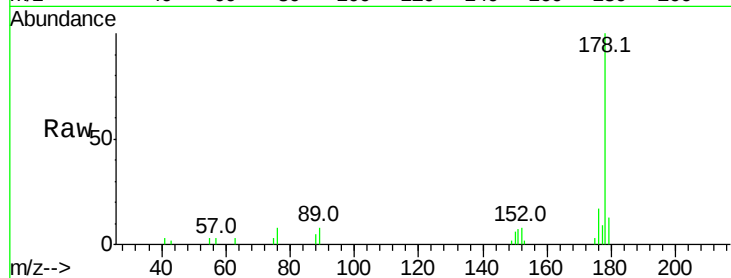




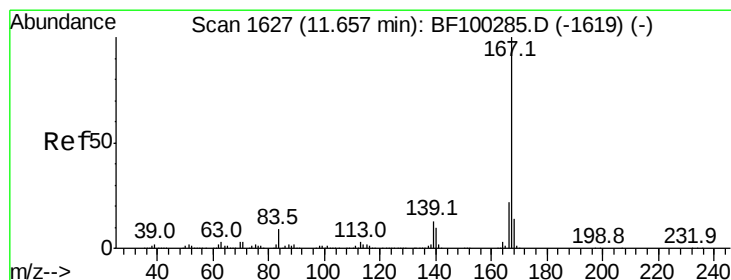
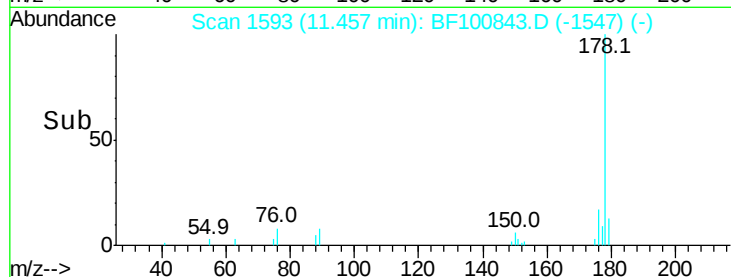
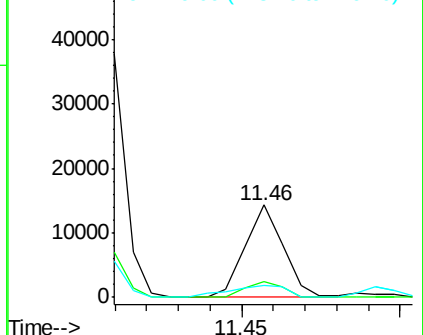
#71
 Anthracene
 Concen: 0.846 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 12054
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.4 23.2
 179 13.4 12.6 19.0

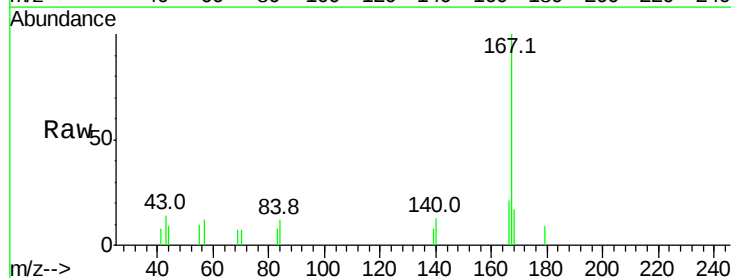


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

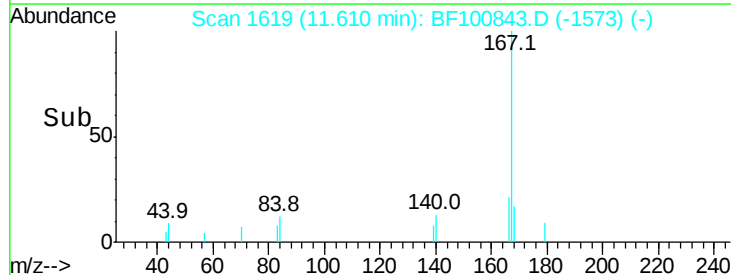
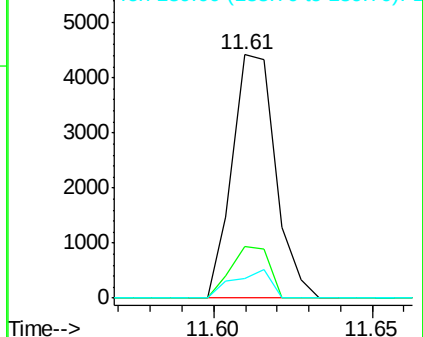


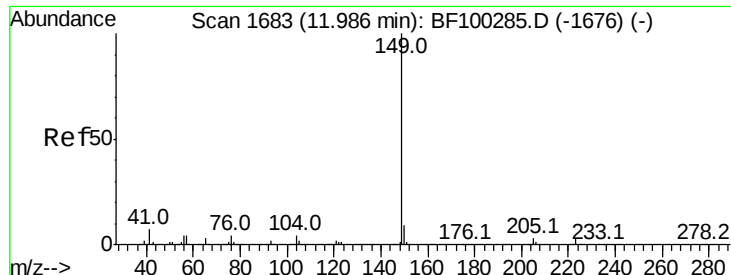
#72
 Carbazole
 Concen: 0.318 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:167 Resp: 4182
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 8.1 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

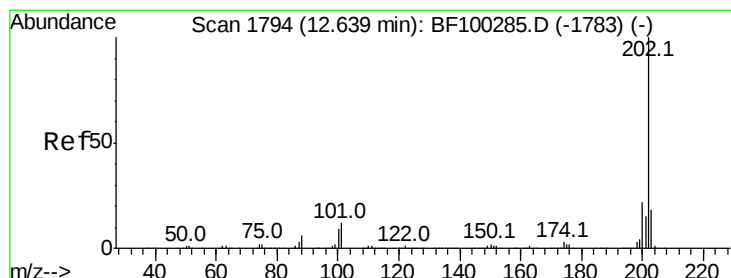
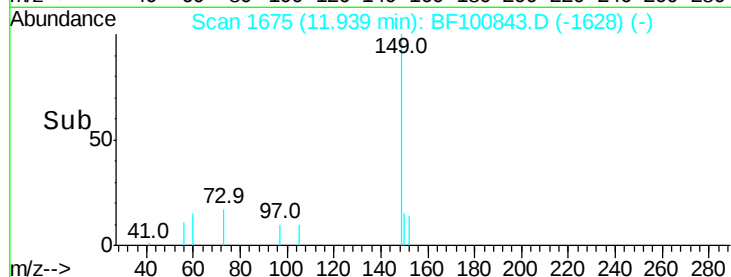
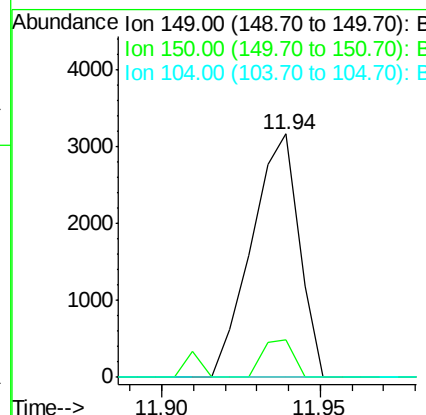
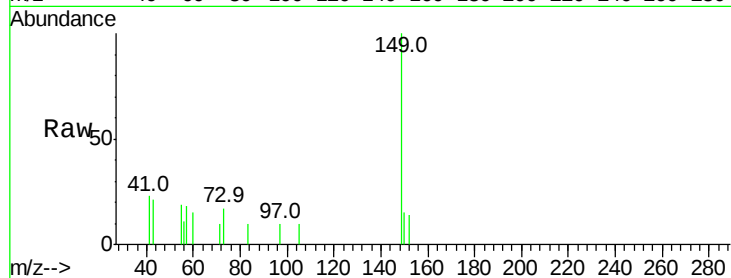




#73
Di-n-butylphthalate
Concen: 0.214 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

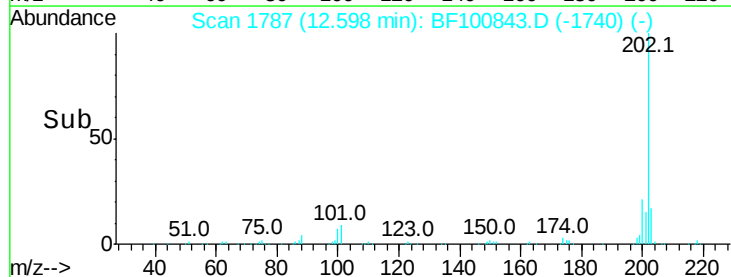
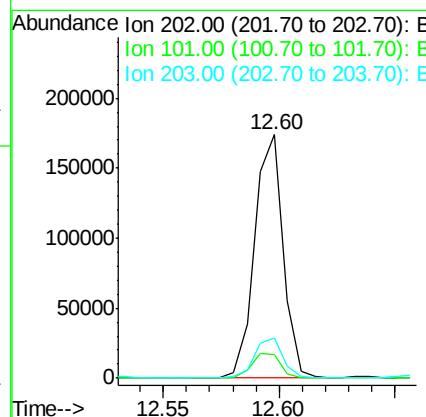
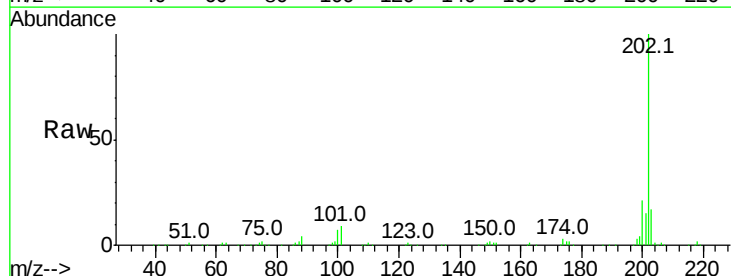
Instrument :
BNA_F
ClientSampleId :

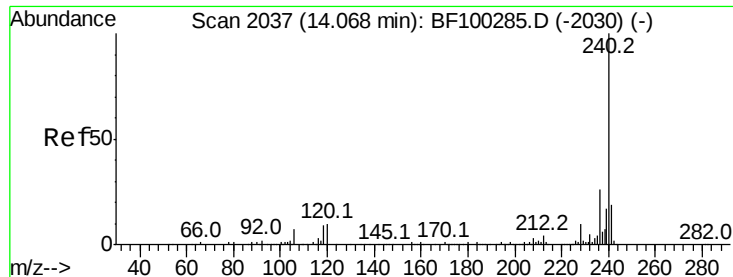
Tot Ion:149 Resp: 3296
Ion Ratio Lower Upper
149 100
150 15.3 7.8 11.6#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 10.116 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:202 Resp: 150522
Ion Ratio Lower Upper
202 100
101 9.4 0.0 34.1
203 16.7 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: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

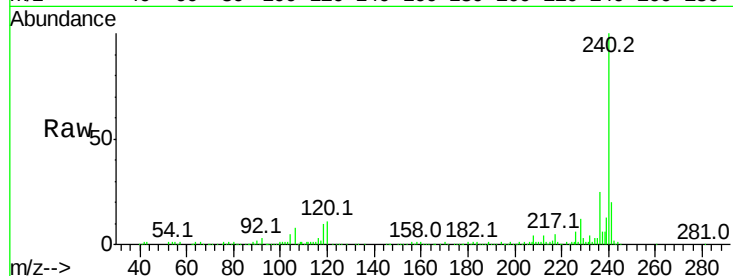
Tot Ion:240 Resp: 157260

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

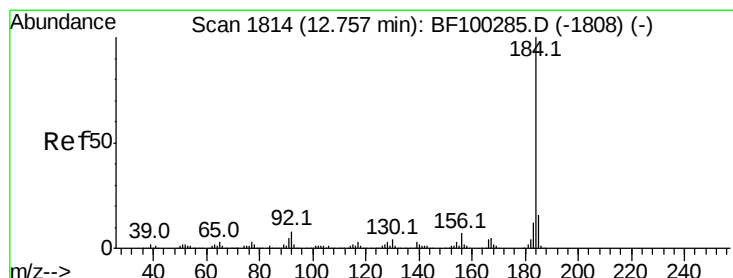
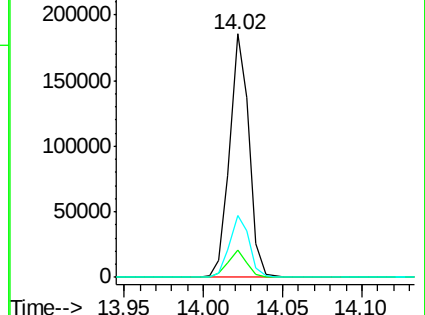
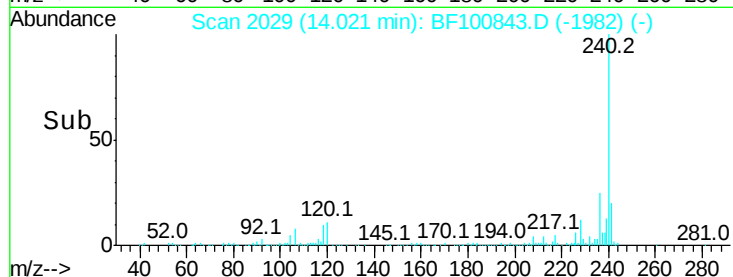
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.895 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

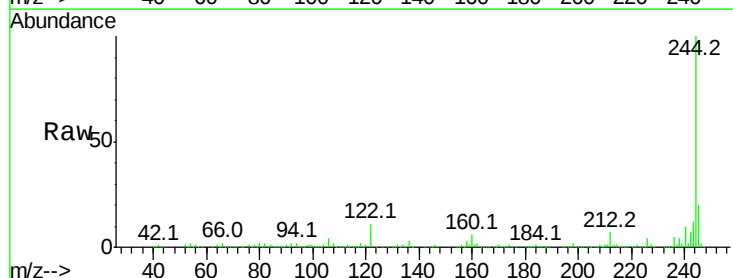
Tgt Ion:184 Resp: 5639

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

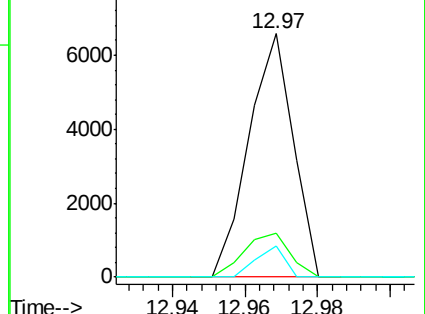
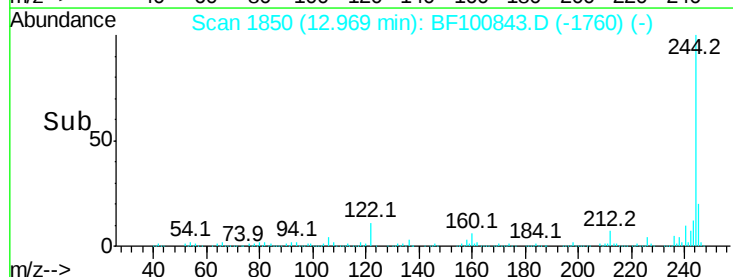
183 12.6 9.3 13.9

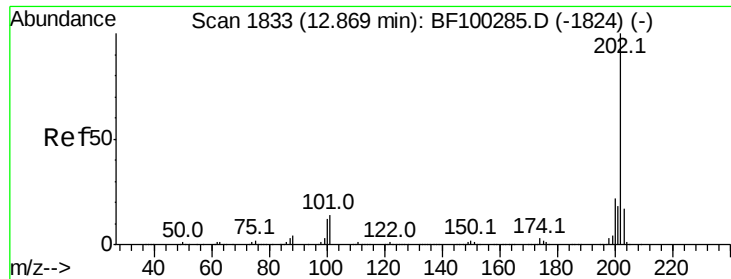


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 13.511 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

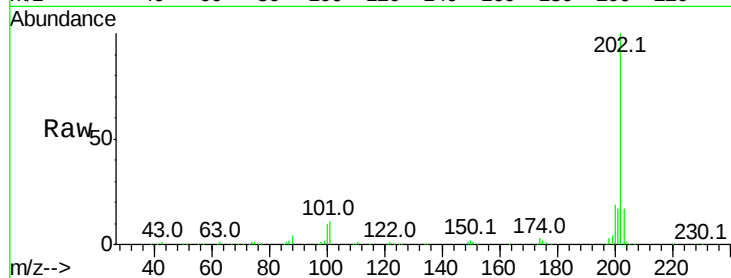
Tot Ion:202 Resp: 151457

Ion Ratio Lower Upper

202 100

200 19.5 17.4 26.2

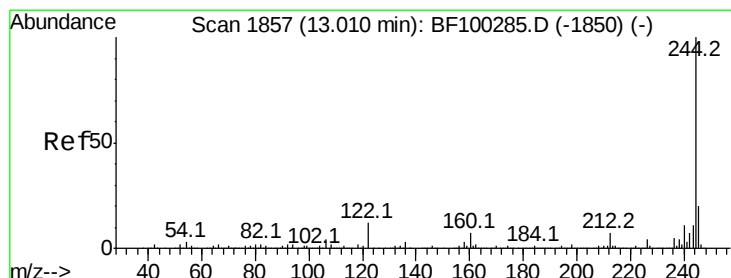
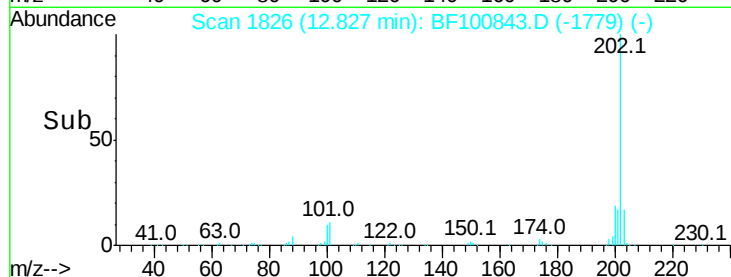
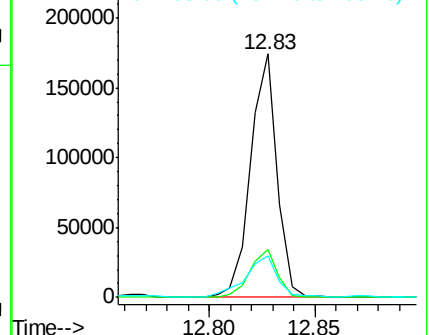
203 17.0 14.3 21.5



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: 76.874 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

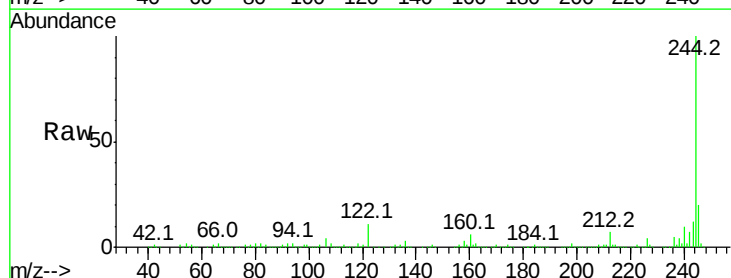
Tgt Ion:244 Resp: 526144

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

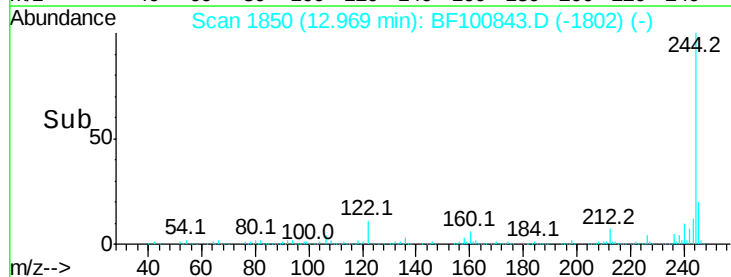
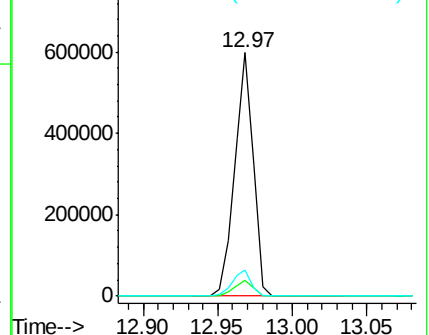
122 10.8 11.0 16.4#

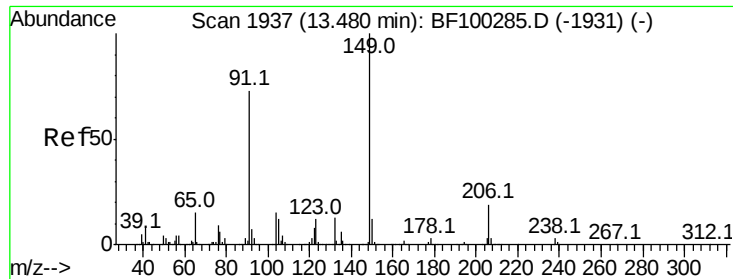


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

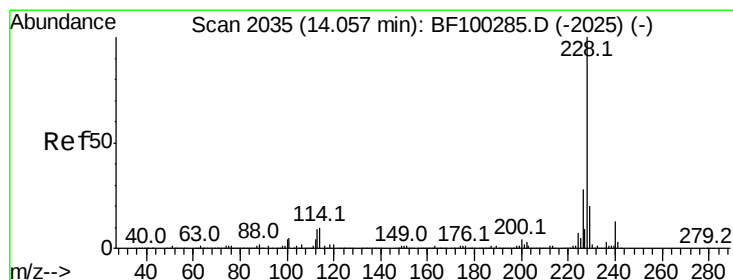
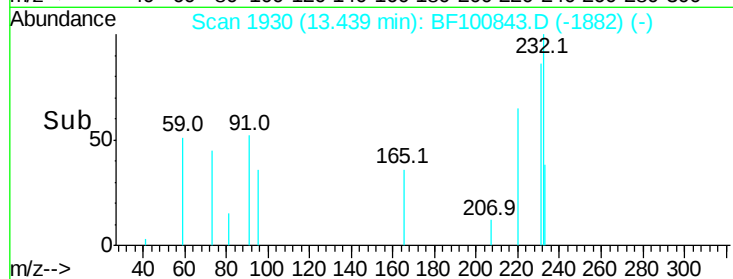
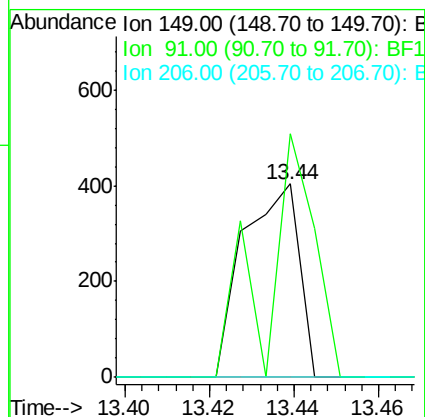
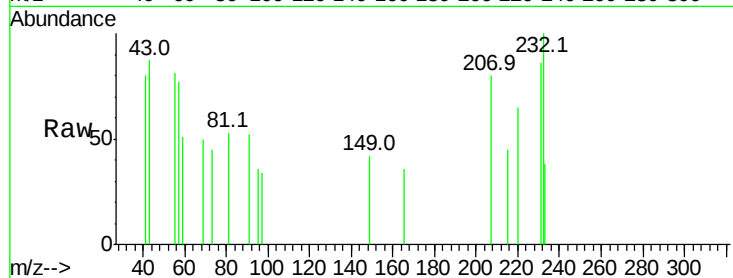




#79
Butylbenzylphthalate
Concen: 0.081 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

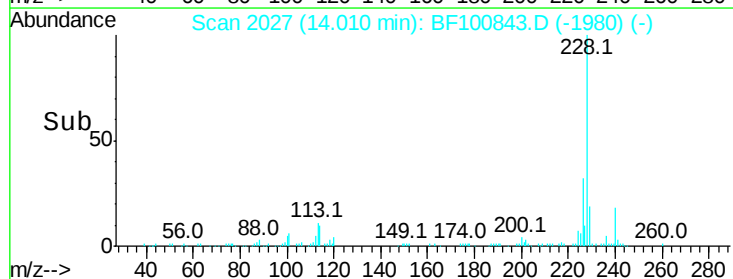
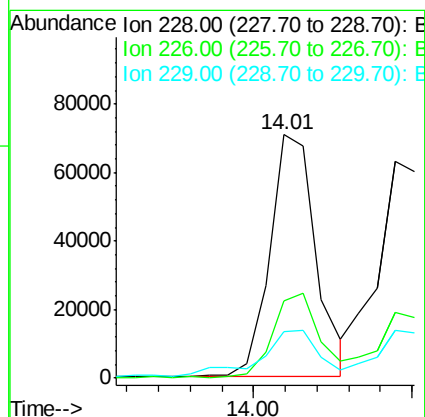
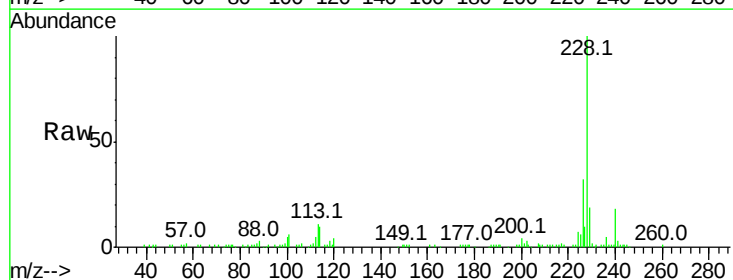
Instrument :
BNA_F
ClientSampled :

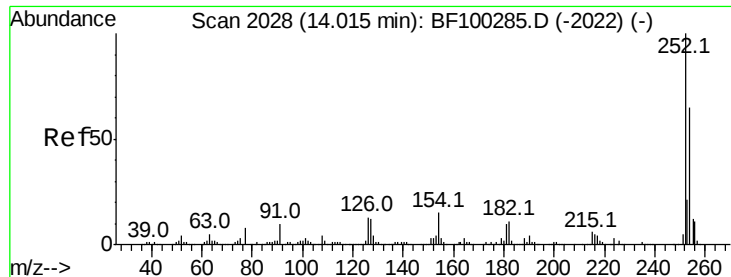
Tot Ion:149 Resp: 371
Ion Ratio Lower Upper
149 100
91 125.7 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 7.559 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:228 Resp: 71583
Ion Ratio Lower Upper
228 100
226 31.7 22.6 33.8
229 19.2 15.8 23.6

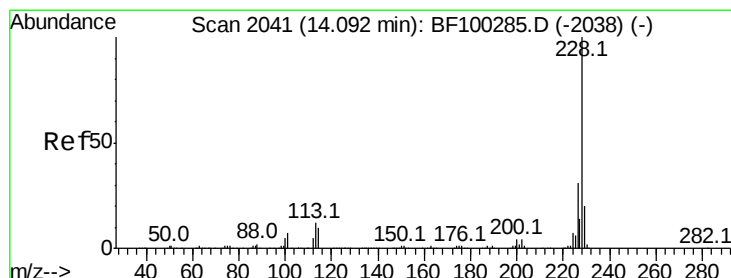
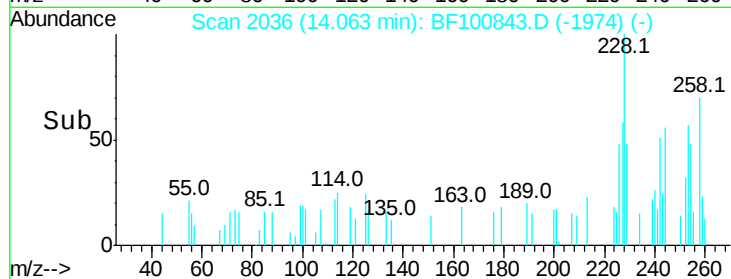
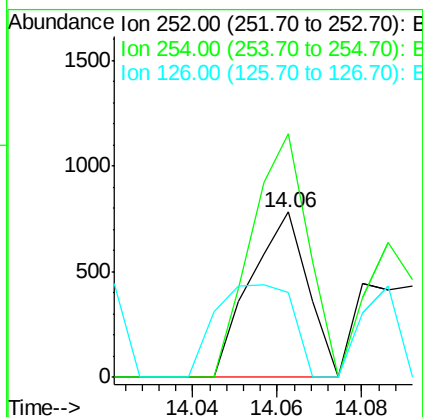
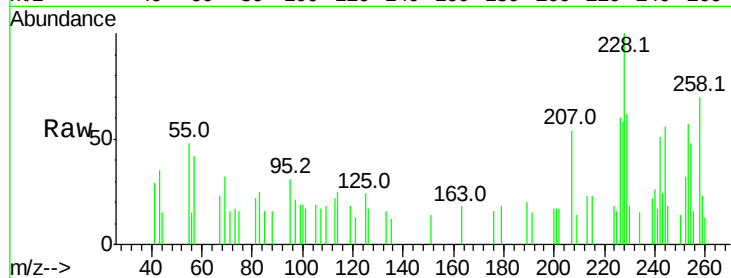




#81
 3,3'-Dichlorobenzidine
 Concen: 0.217 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.06 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

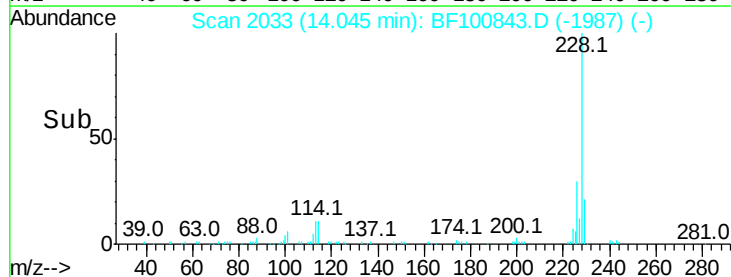
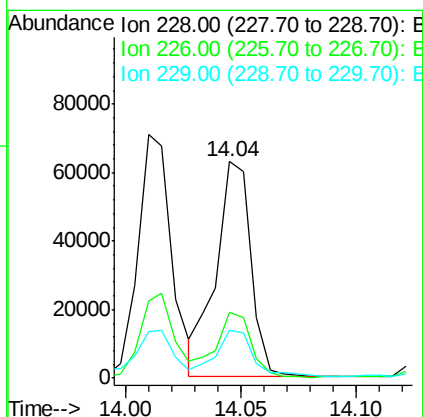
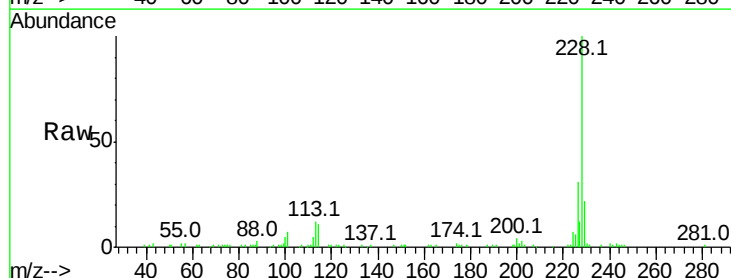
Instrument :
 BNA_F
 ClientSampled :

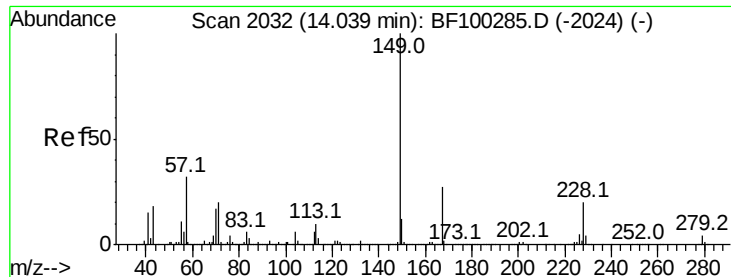
Tot Ion:252 Resp: 737
 Ion Ratio Lower Upper
 252 100
 254 147.6 50.4 75.6#
 126 51.2 11.3 16.9#



#82
 Chrysene
 Concen: 7.243 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:228 Resp: 66421
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 22.0 16.2 24.4

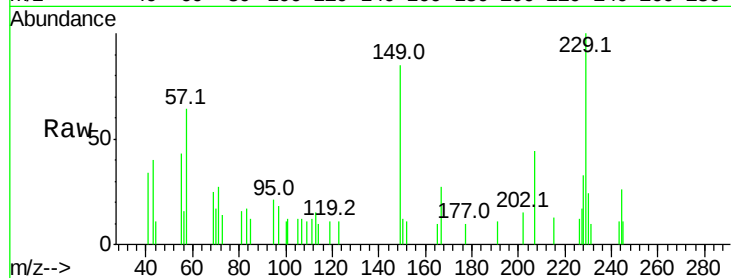




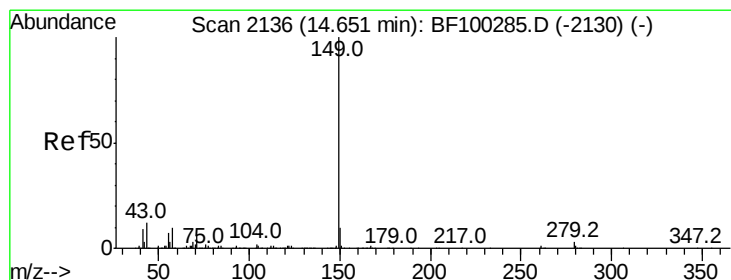
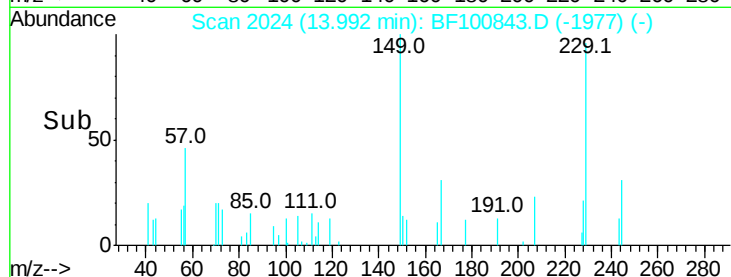
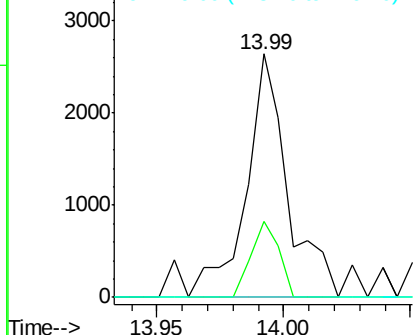
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.502 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3017
Ion Ratio Lower Upper
149 100
167 31.4 21.3 31.9
279 0.0 3.0 4.4#

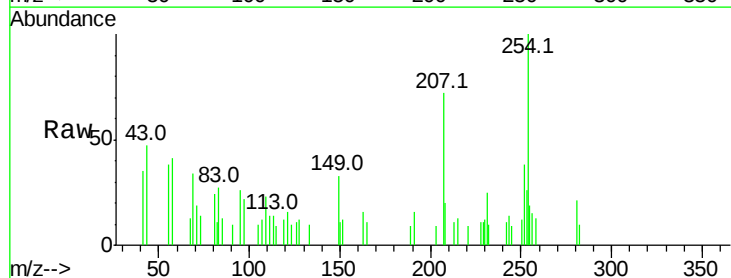


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

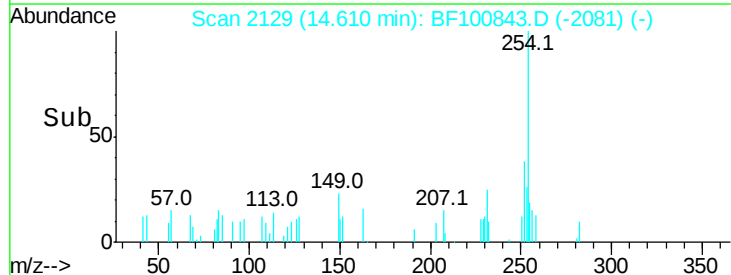
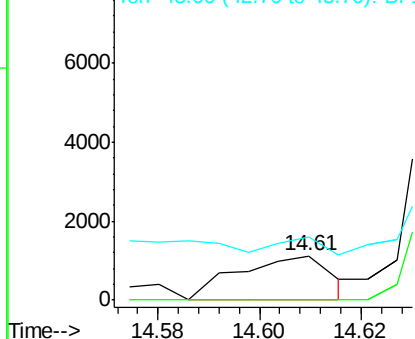


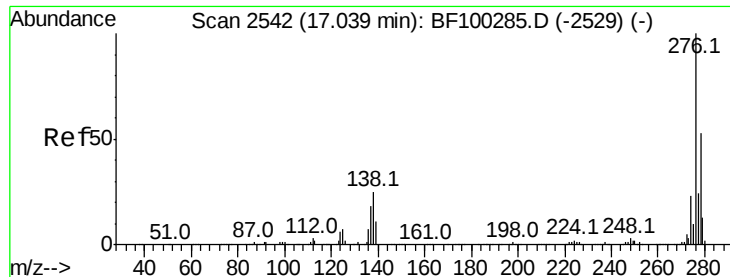
#84
Di-n-octyl phthalate
Concen: 0.138 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion:149 Resp: 1427
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 18.1 8.4 12.6#



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

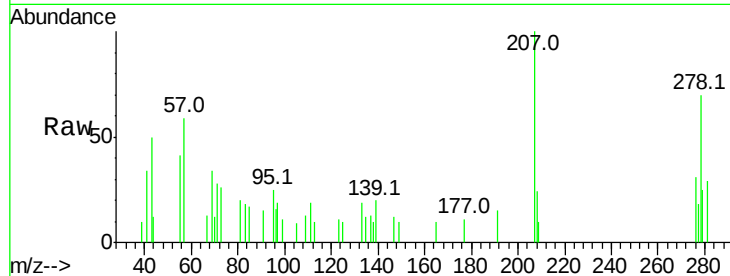




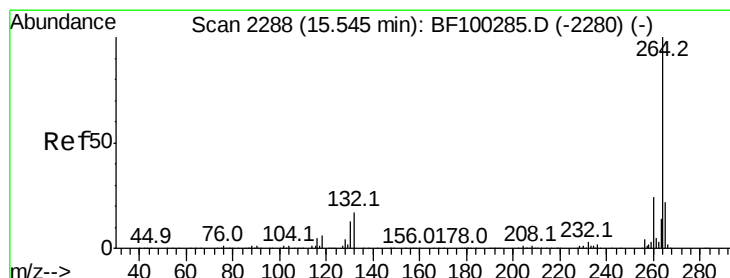
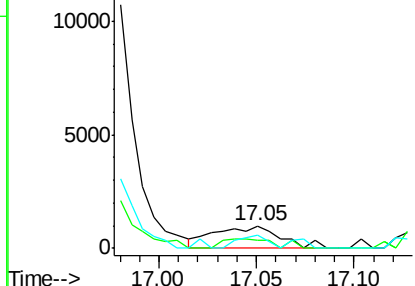
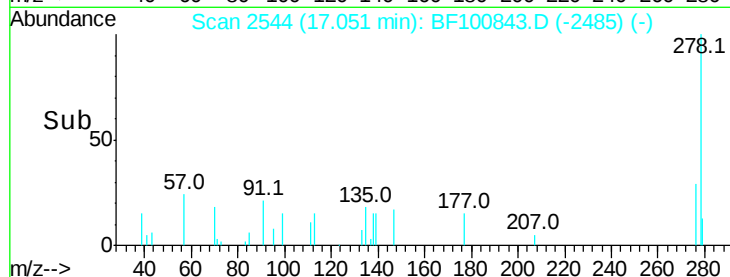
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.311 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.05 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:276 Resp: 2309
 Ion Ratio Lower Upper
 276 100
 138 33.0 25.0 37.6
 277 26.3 20.1 30.1

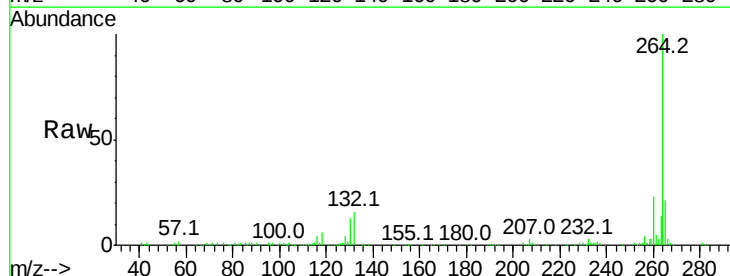


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

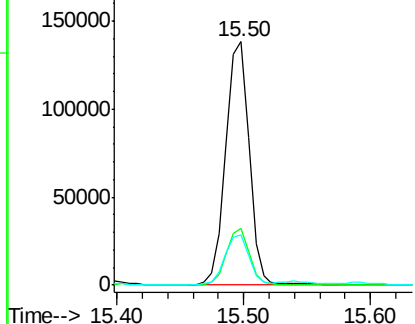
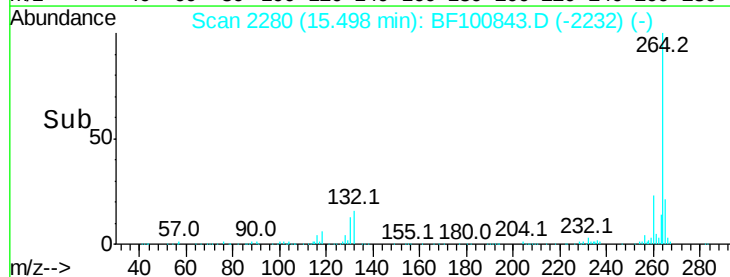


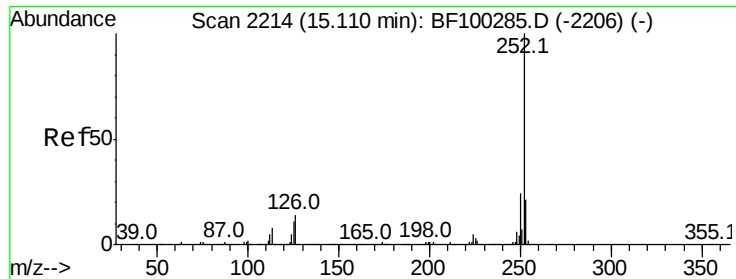
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF100843.D
 Acq: 23 Nov 2017 00:21

Tgt Ion:264 Resp: 177945
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 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

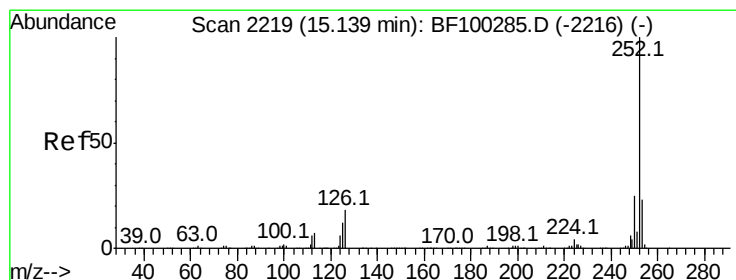
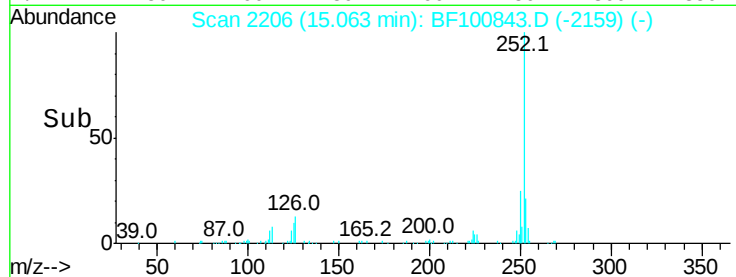
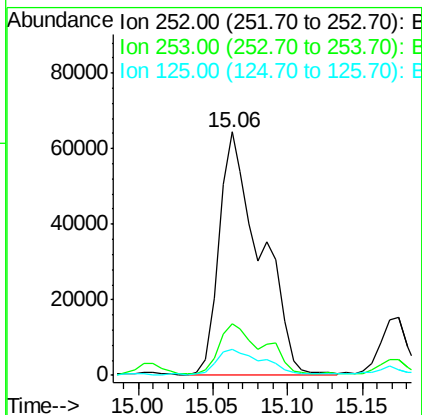
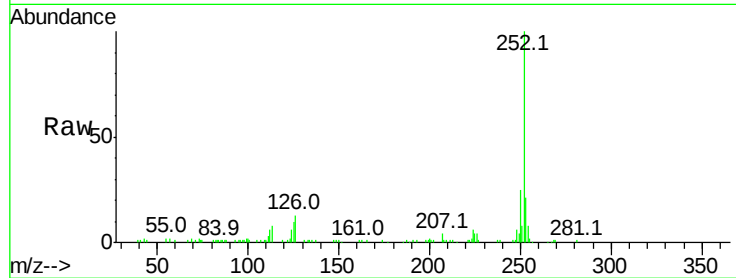




#87
Benzo(b)fluoranthene
Concen: 11.805 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

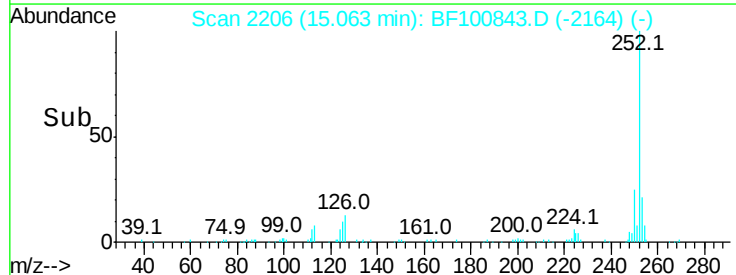
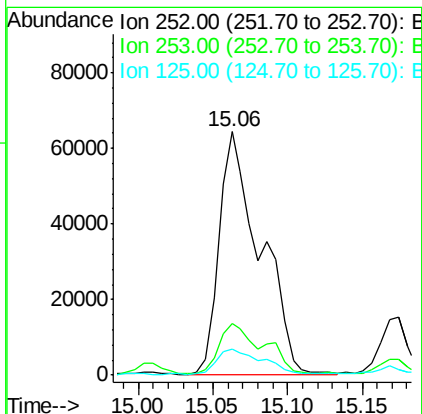
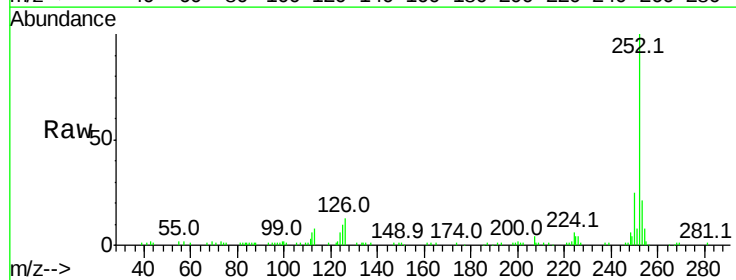
Instrument :
BNA_F
ClientSampleId :

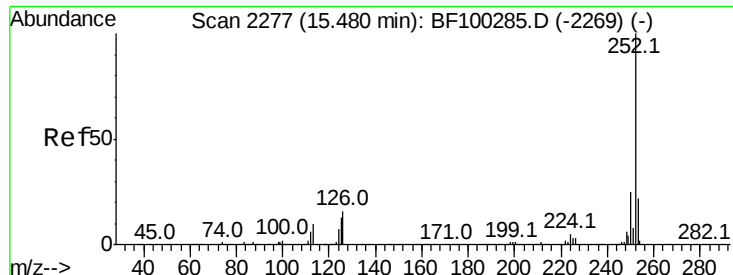
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 12.494 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF100843.D
Acq: 23 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	10.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 7.910 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF100843.D

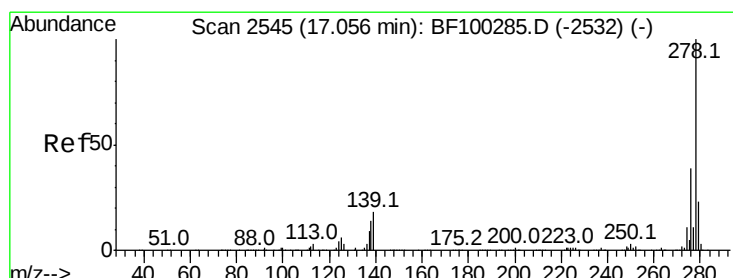
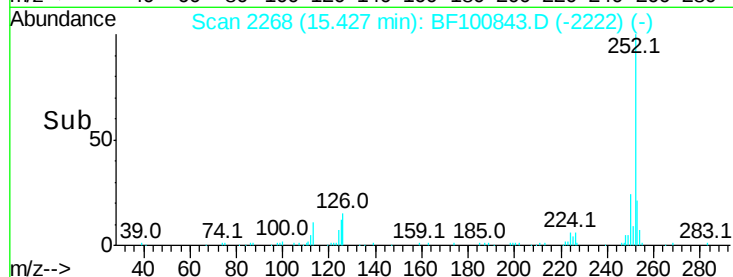
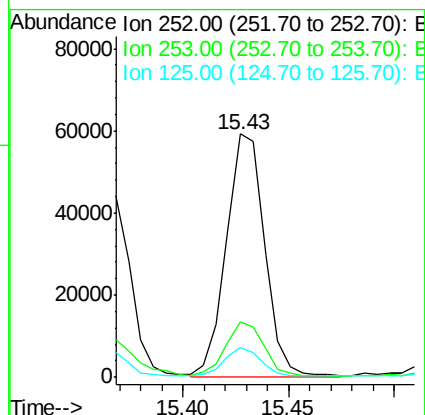
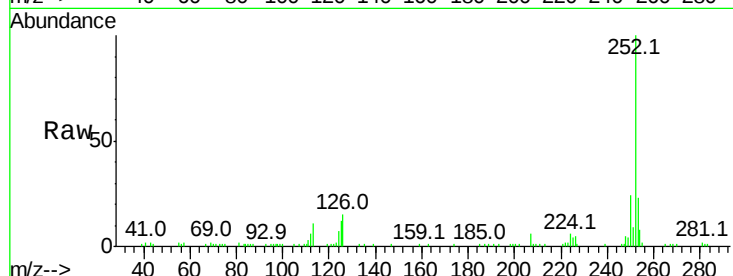
Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	73929
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.1 25.7
125	12.1	9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 1.402 ng

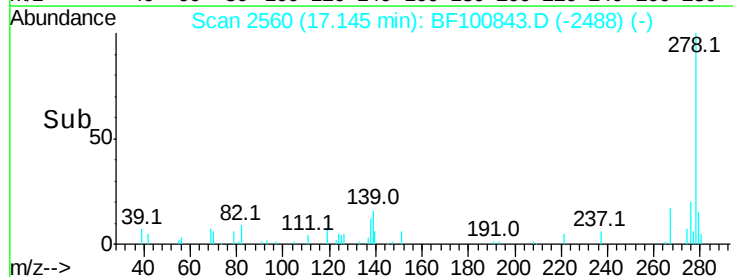
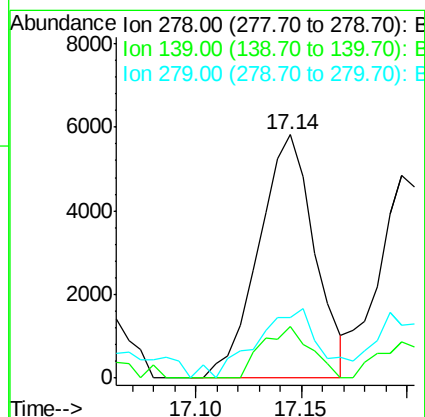
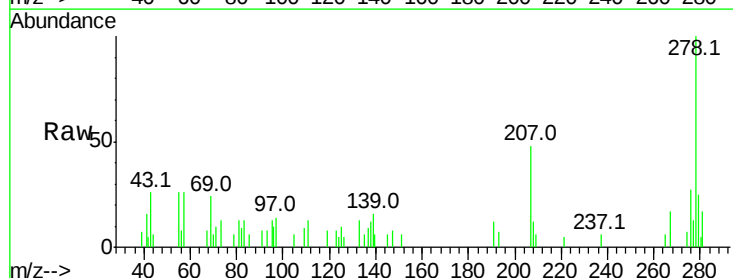
RT: 17.14 min Scan# 2560

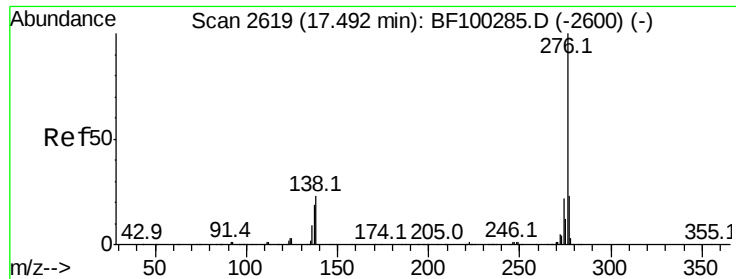
Delta R.T. 0.12 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Tgt Ion:278	Resp:	10715
Ion Ratio	Lower	Upper
278	100	
139	21.4	15.9 23.9
279	25.1	19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 6.862 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BF100843.D

Acq: 23 Nov 2017 00:21

Instrument :

BNA_F

ClientSampleId :

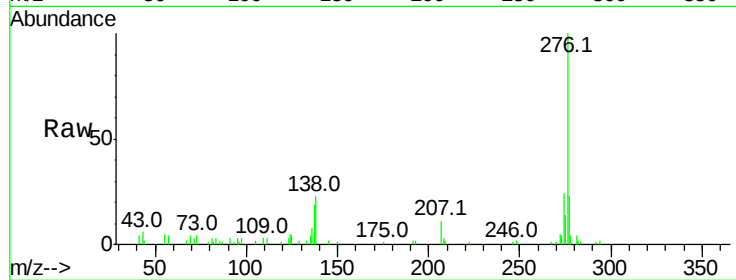
Tot Ion:276 Resp: 51339

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 23.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

