

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099118.D
 Acq On : 5 Oct 2017 22:09
 Operator : SJ/JU
 Sample : I5585-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 02:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125488	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	533346	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	232209	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	370722	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218803	20.00	ng	0.00
86) Perylene-d12	15.50	264	234761	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	201104	25.51	ng	-0.01
7) Phenol-d6	6.48	99	249166	25.62	ng	-0.02
23) Nitrobenzene-d5	7.42	82	143672	17.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	40798	21.47	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	281016	20.20	ng	-0.01
78) Terphenyl-d14	12.96	244	180933	18.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.63	93	126	0.01	ng	# 1
9) Benzaldehyde	6.42	77	668	0.12	ng	# 76
10) Phenol	6.49	94	4572	0.42	ng	# 75
11) bis(2-Chloroethyl)ether	6.63	93	126	0.01	ng	# 1
15) Benzyl Alcohol	7.02	79	2535	0.36	ng	# 36
18) Hexachloroethane	7.39	117	113	0.03	ng	# 4
19) n-Nitroso-di-n-propylamine	7.42	70	18343	2.95	ng	# 77
22) Acetophenone	7.27	105	952	0.07	ng	# 71
24) Nitrobenzene	7.42	77	674	0.07	ng	# 38
25) Isophorone	7.42	82	143525	8.35	ng	# 64
28) bis(2-Chloroethoxy)methane	8.15	93	106	0.01	ng	# 49
31) Naphthalene	8.16	128	39609	1.58	ng	# 99
33) 4-Chloroaniline	8.16	127	5269	0.50	ng	# 33
35) Caprolactam	8.56	113	438	0.19	ng	# 62
37) 2-Methylnaphthalene	8.86	142	29139	1.79	ng	# 98
45) 1,1'-Biphenyl	9.32	154	14506	0.73	ng	# 97
46) 2-Chloronaphthalene	9.39	162	134	0.01	ng	# 37
47) 2-Nitroaniline	9.47	65	112	0.02	ng	# 2
48) Acenaphthylene	9.76	152	15215	0.66	ng	# 94
49) Dimethylphthalate	9.61	163	37411	2.13	ng	# 97
50) 2,6-Dinitrotoluene	9.90	165	32213	8.44	ng	# 26
51) Acenaphthene	9.93	154	31975	2.20	ng	# 98
52) 3-Nitroaniline	10.10	138	1319	0.30	ng	# 2
54) Dibenzofuran	10.10	168	77957	4.03	ng	# 98
55) 4-Nitrophenol	10.10	139	28919	7.69	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	32213	6.51	ng	# 23
57) Fluorene	10.45	166	31029	2.00	ng	# 100
61) 4-Nitroaniline	10.45	138	356	0.08	ng	# 19
62) Azobenzene	10.60	77	1281	0.08	ng	# 1
65) n-Nitrosodiphenylamine	10.55	169	1749	0.14	ng	# 80
66) 4-Bromophenyl-phenylether	10.69	248	2795	0.77	ng	# 1
70) Phenanthrene	11.41	178	489510	24.67	ng	# 99
71) Anthracene	11.46	178	138746	6.83	ng	# 98
72) Carbazole	11.62	167	37786	1.90	ng	# 99

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

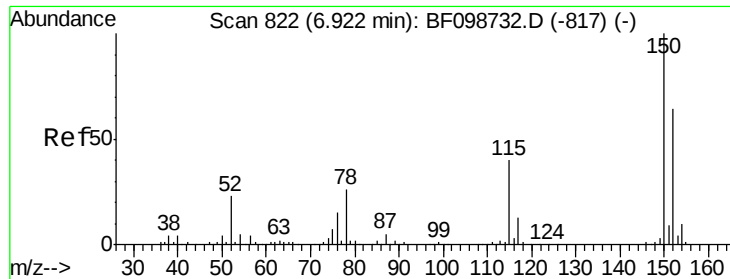
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 02:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Di-n-butylphthalate	11.94	149	24671	1.03	nq	98
74) Fluoranthene	12.60	202	386015	19.21	nq	100
76) Benzidine	12.85	184	249	0.03	nq	# 1
77) Pyrene	12.83	202	299754	17.97	nq	99
79) Butylbenzylphthalate	13.44	149	523	0.07	nq	# 41
80) Benzo(a)anthracene	14.02	228	127817	9.65	nq	96
81) 3,3'-Dichlorobenzidine	14.06	252	1144	0.24	nq	# 1
82) Chrysene	14.05	228	128704	10.20	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	1776	0.16	nq	# 97
84) Di-n-octyl phthalate	14.56	149	967	0.06	nq	# 43
85) Indeno(1,2,3-cd)pyrene	16.97	276	74567	7.39	nq	98
87) Benzo(b)fluoranthene	15.07	252	252928	17.52	nq	97
88) Benzo(k)fluoranthene	15.07	252	252928	17.74	nq	99
89) Benzo(a)pyrene	15.43	252	99409	7.50	nq	# 95
90) Dibenzo(a,h)anthracene	16.98	278	19825	1.87	nq	# 90
91) Benzo(g,h,i)perylene	17.42	276	65468	6.25	nq	94

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

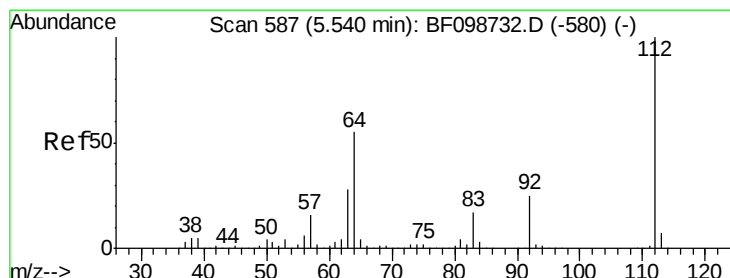
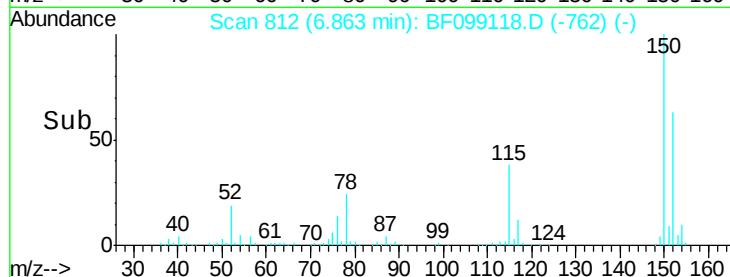
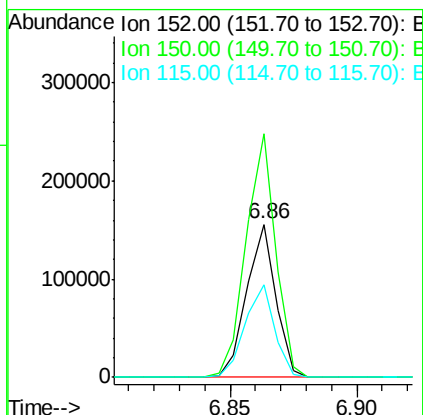
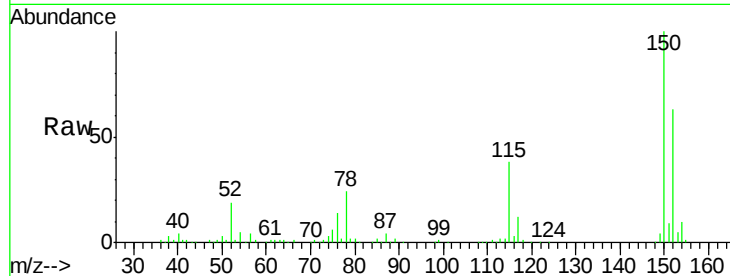


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

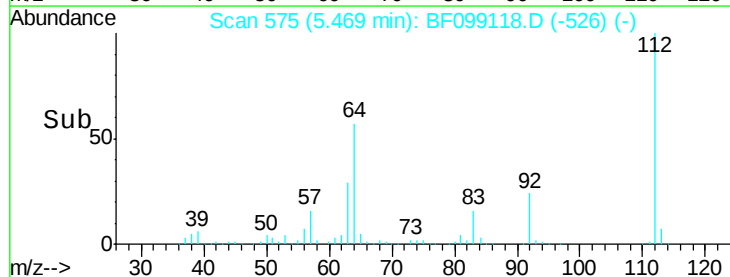
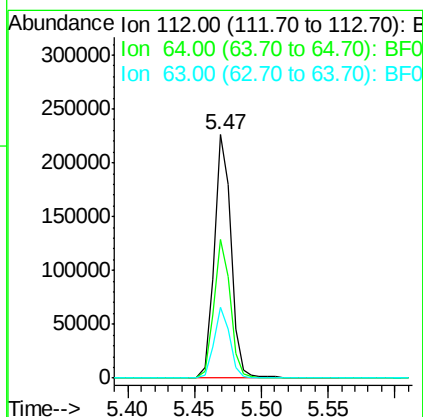
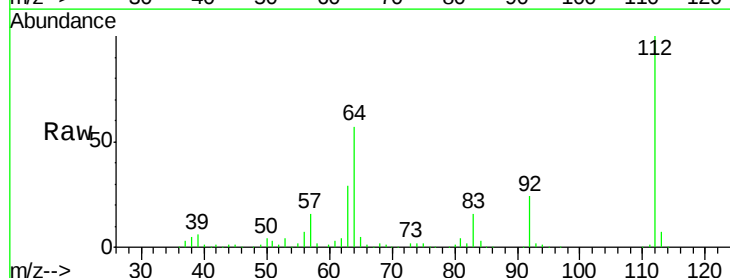
Tot Ion:152 Resp: 125488
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 60.7 50.1 75.1

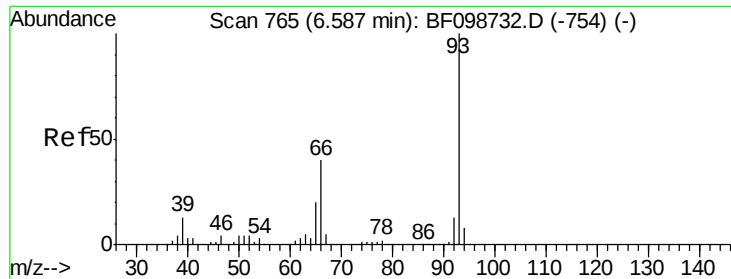


#5

2-Fluorophenol
Concen: 25.51 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:112 Resp: 201104
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.9 23.7 35.5





#6

Aniline

Concen: 0.01 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.09 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

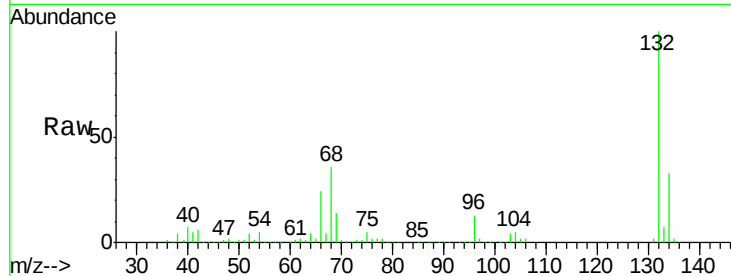
Tot Ion: 93 Resp: 126

Ion Ratio Lower Upper

93 100

66 18359.6 32.2 48.2#

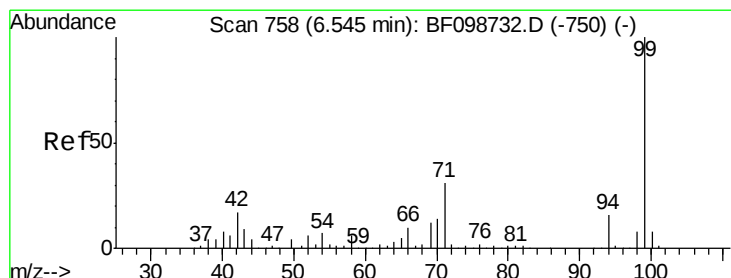
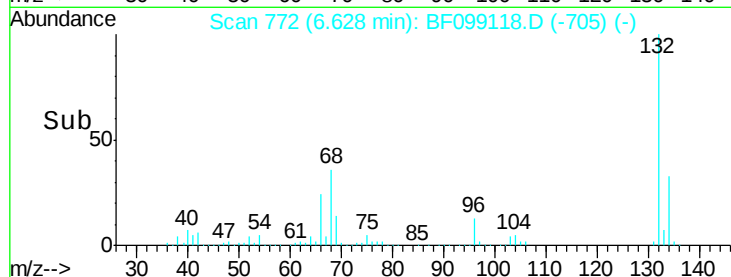
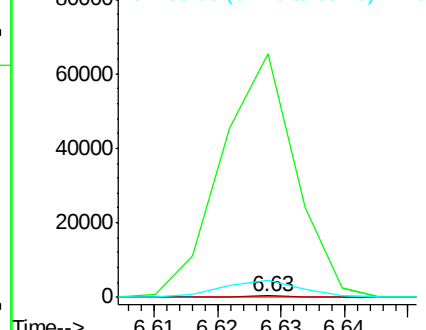
65 1295.2 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 25.62 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

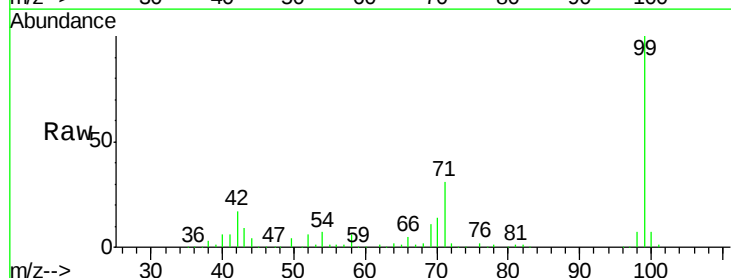
Tgt Ion: 99 Resp: 249166

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

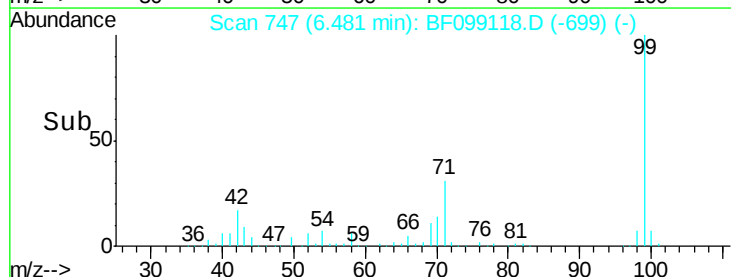
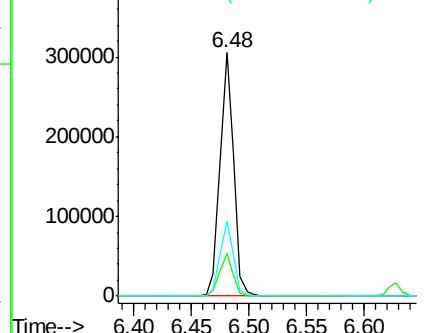
71 30.5 25.4 38.0

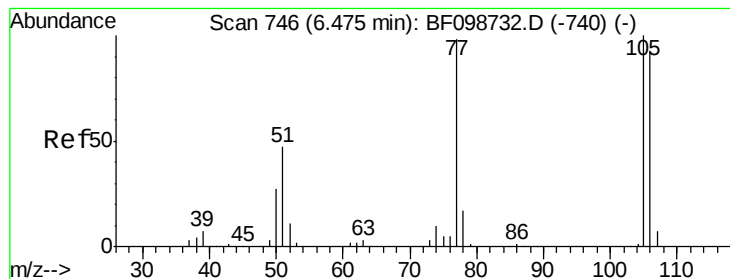


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.12 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampled :

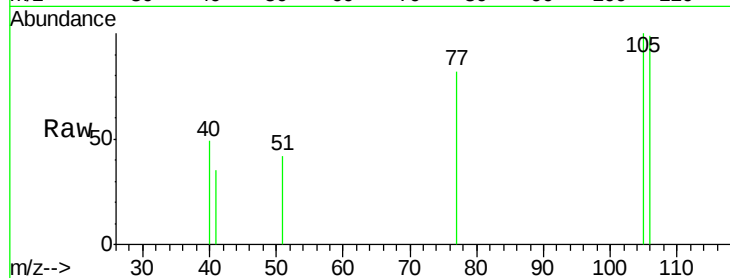
Tot Ion: 77 Resp: 668

Ion Ratio Lower Upper

77 100

105 122.3 81.1 121.1#

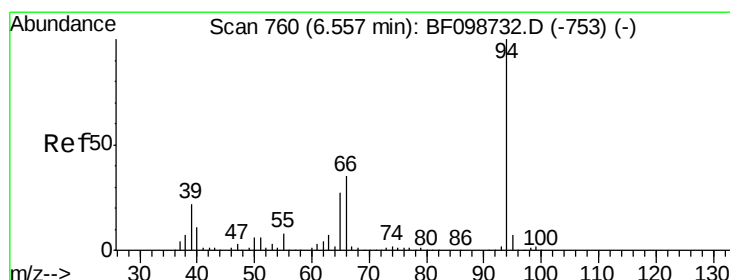
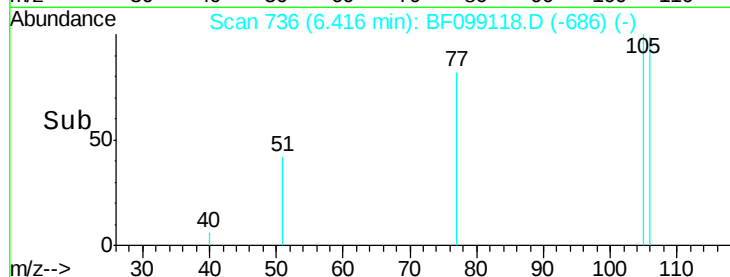
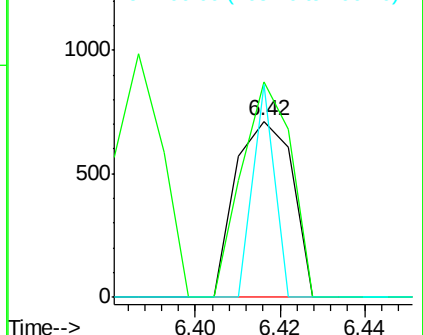
106 120.8 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.42 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

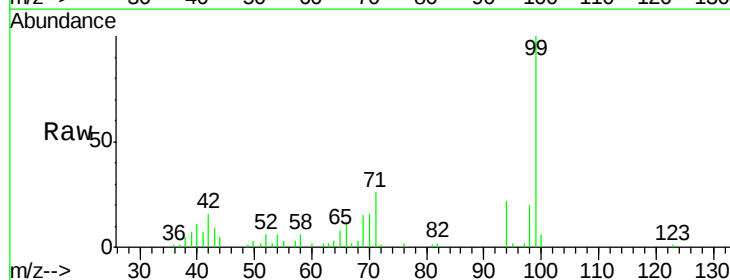
Tgt Ion: 94 Resp: 4572

Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

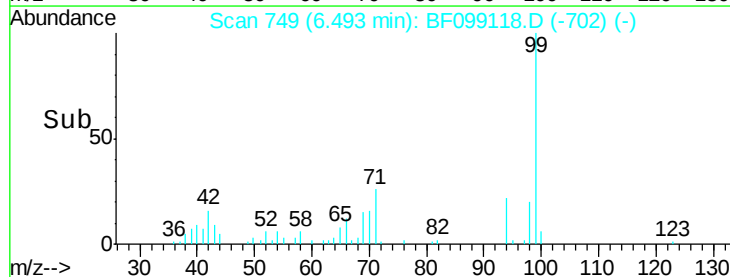
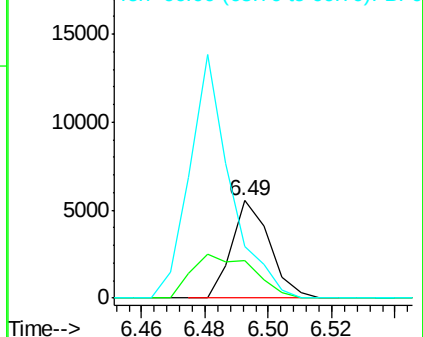
66 53.8 16.2 56.2

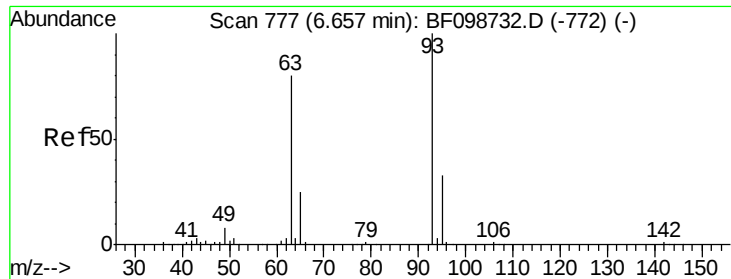


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

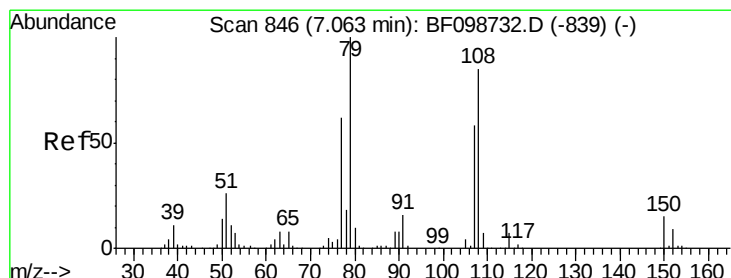
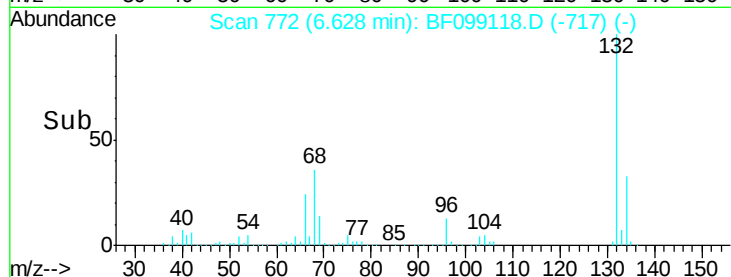
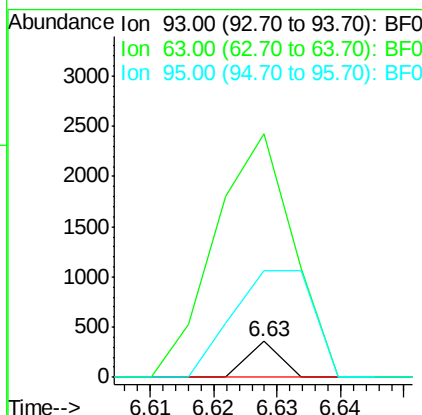
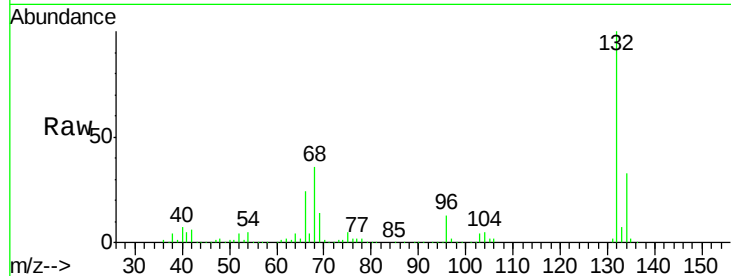




#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.02 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

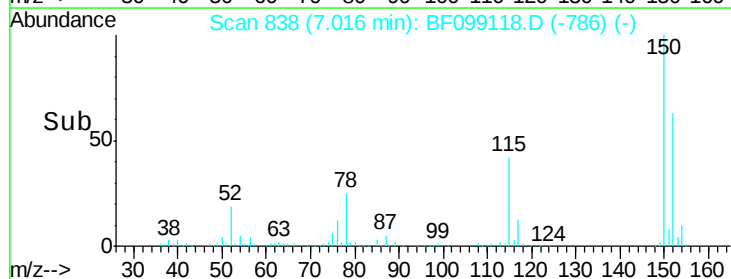
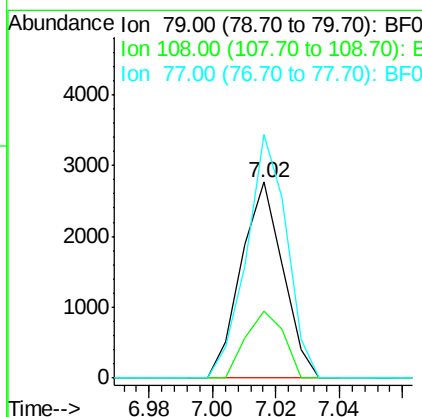
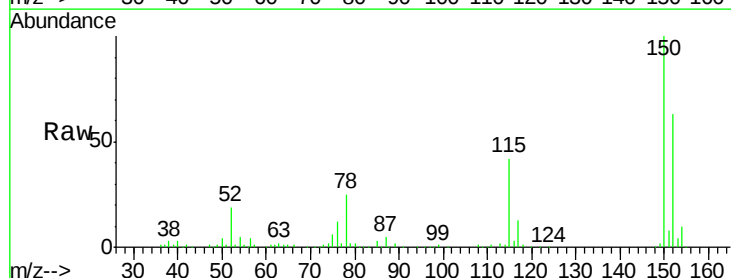
Instrument :
BNA_F
ClientSampleId :

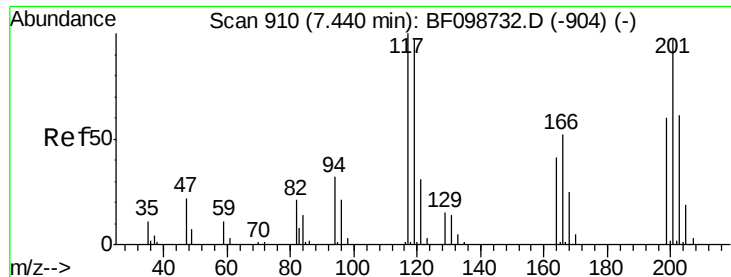
Tot Ion: 93 Resp: 126
Ion Ratio Lower Upper
93 100
63 681.2 58.6 98.6#
95 299.4 11.8 51.8#



#15
Benzyl Alcohol
Concen: 0.36 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion: 79 Resp: 2535
Ion Ratio Lower Upper
79 100
108 34.3 65.1 97.7#
77 124.4 50.6 75.8#





#18

Hexachloroethane

Concen: 0.03 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

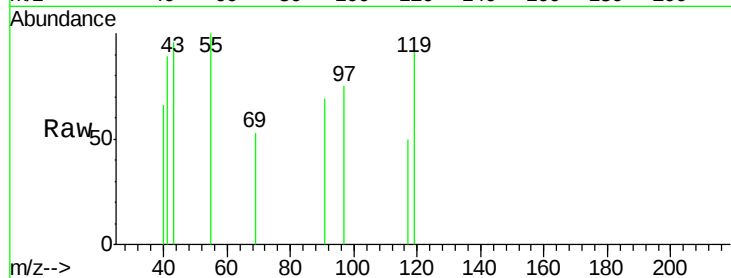
Tot Ion:117 Resp: 113

Ion Ratio Lower Upper

117 100

119 186.2 75.8 113.8#

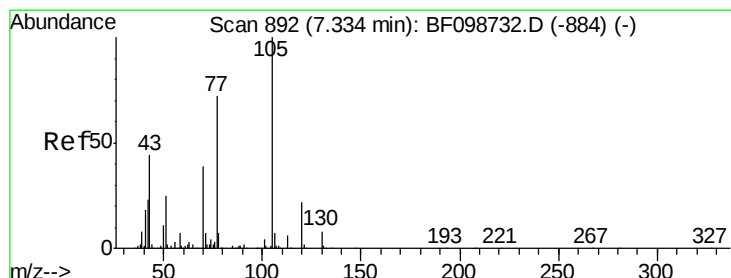
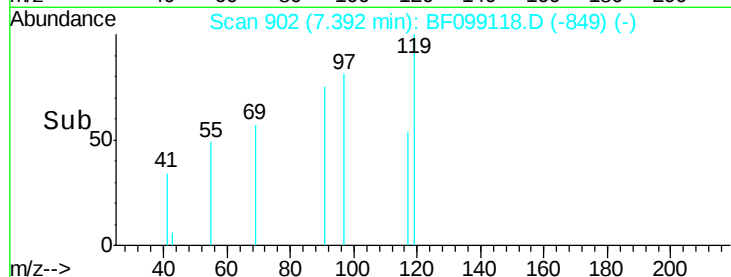
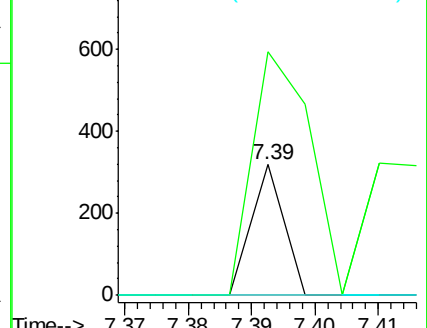
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 2.95 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Tgt Ion: 70 Resp: 18343

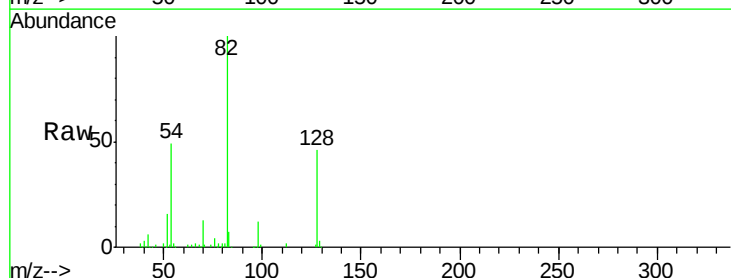
Ion Ratio Lower Upper

70 100

42 47.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

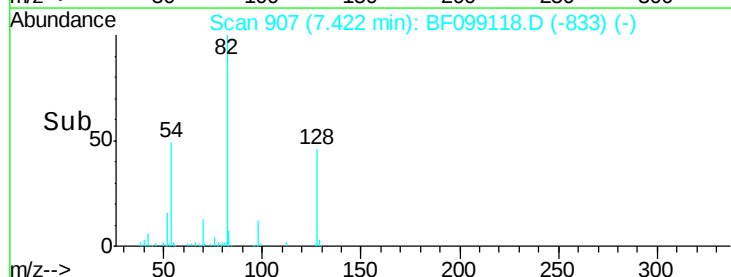
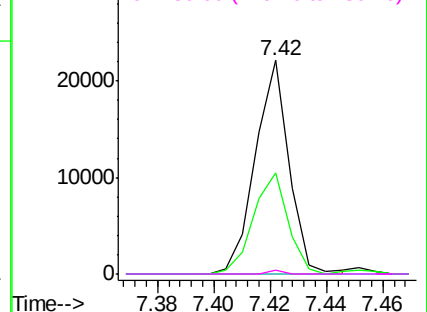


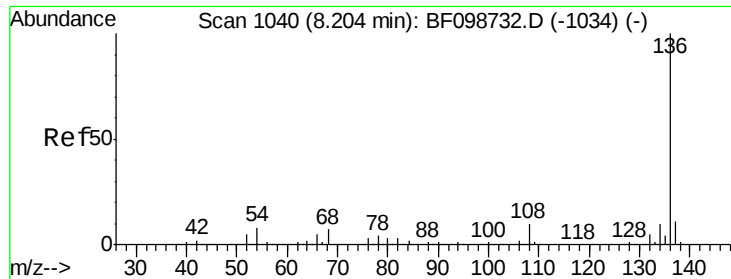
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

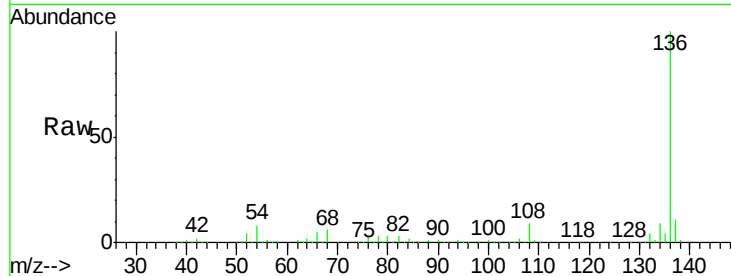




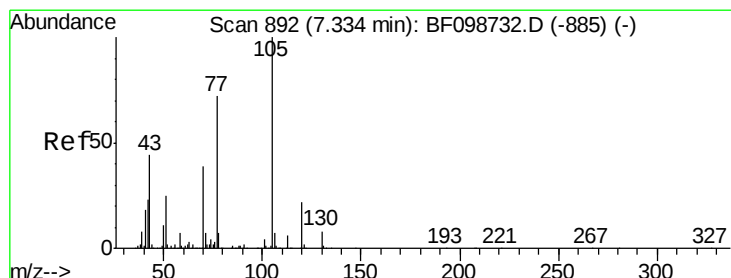
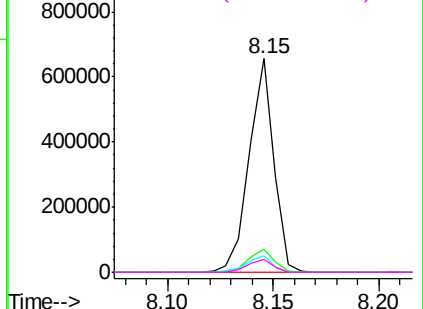
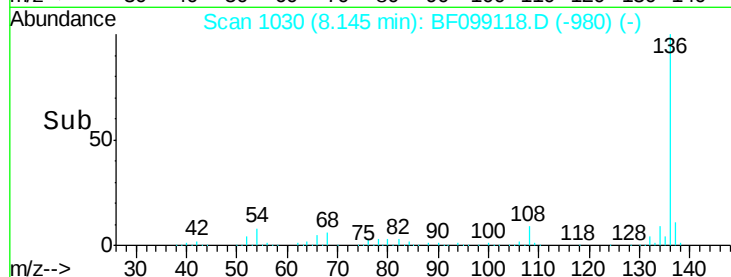
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Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	533346
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.6	6.6	9.8
68 5.9	5.0	7.4

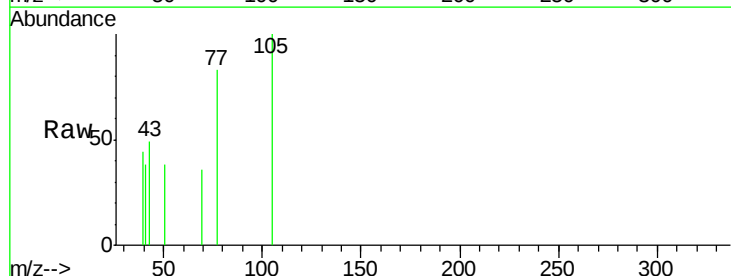


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

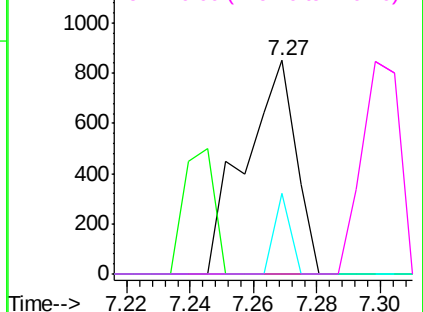
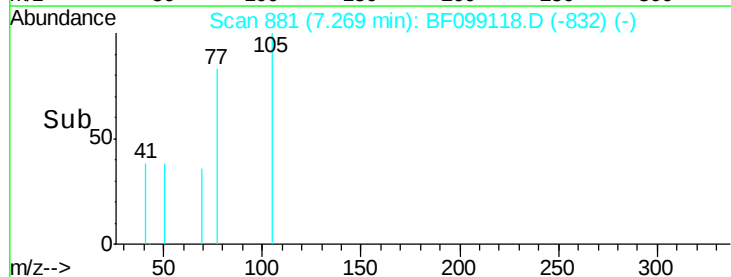


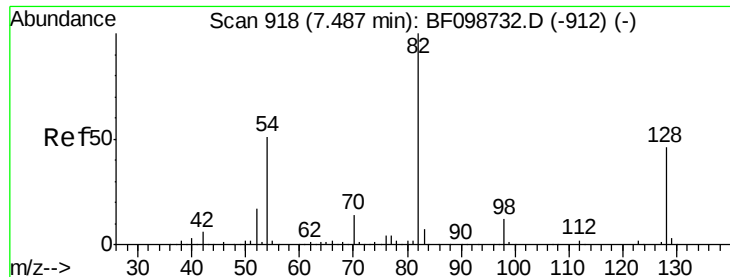
#22
Acetophenone
Concen: 0.07 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:105	Resp:	952
Ion Ratio	Lower	Upper
105 100		
71 0.0	4.4	6.6#
51 37.8	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): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

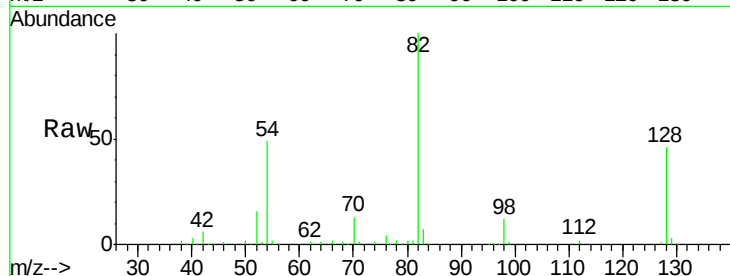




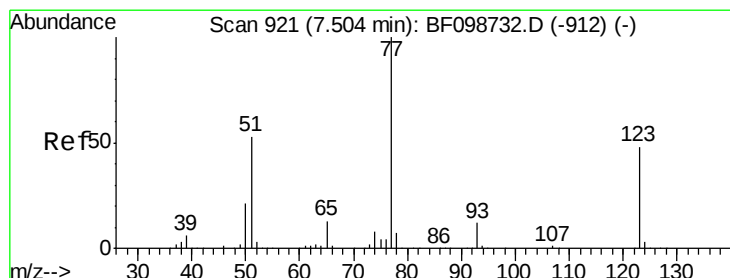
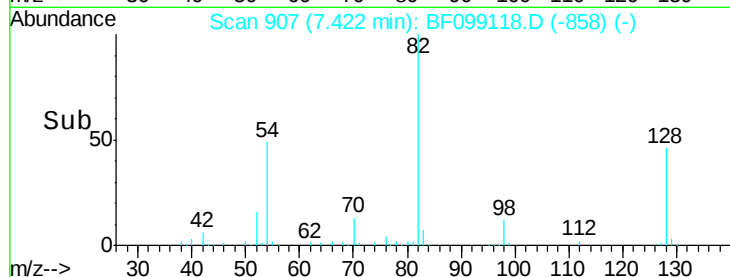
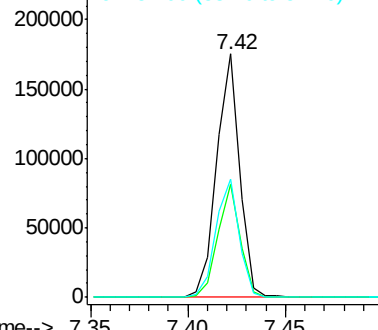
#23
Nitrobenzene-d5
Concen: 17.28 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 143672
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 48.5 41.4 62.2

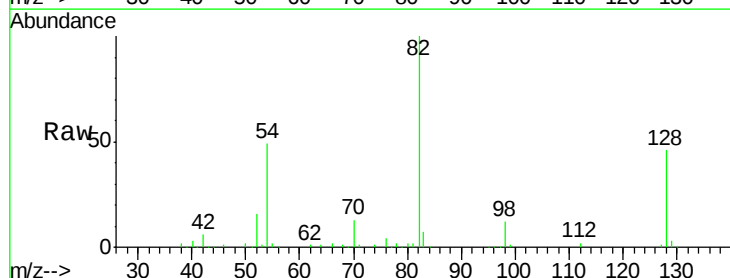


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

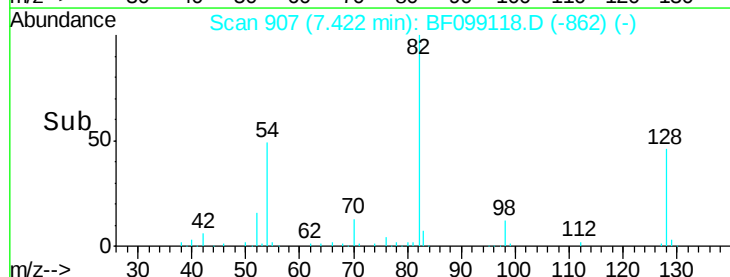
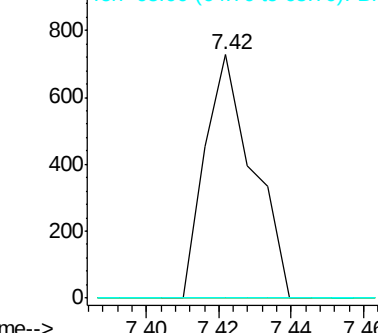


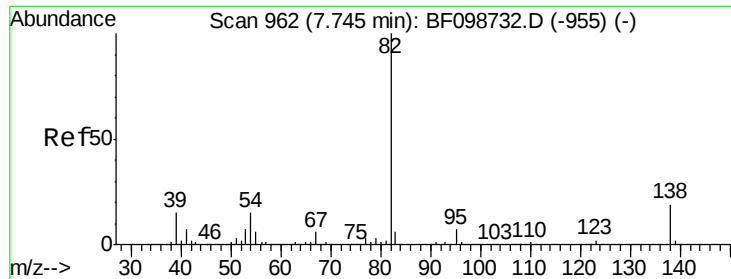
#24
Nitrobenzene
Concen: 0.07 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.04 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 8.35 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampled :

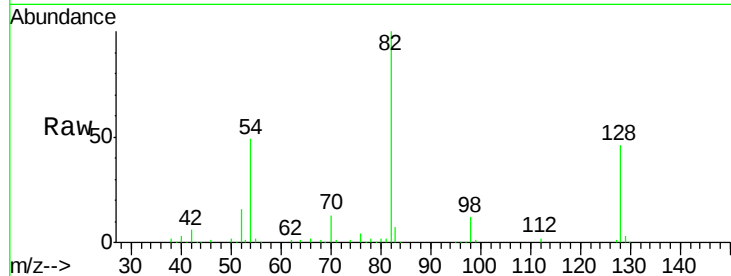
Tot Ion: 82 Resp: 143525

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

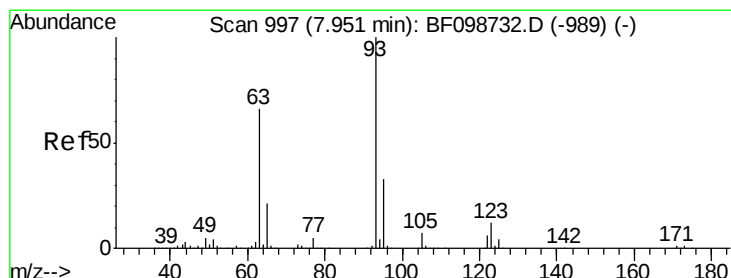
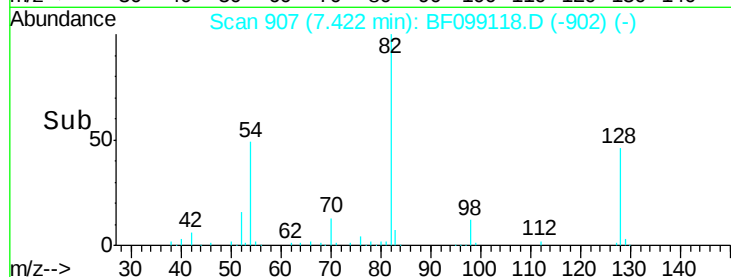
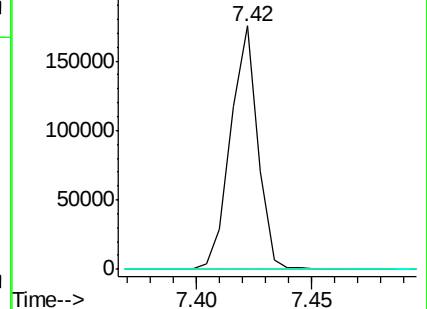
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.01 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.25 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

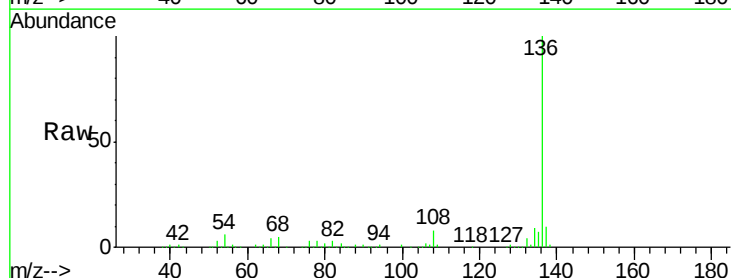
Tgt Ion: 93 Resp: 106

Ion Ratio Lower Upper

93 100

95 0.0 26.3 39.5#

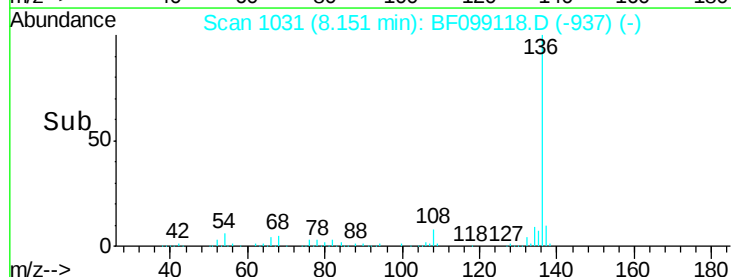
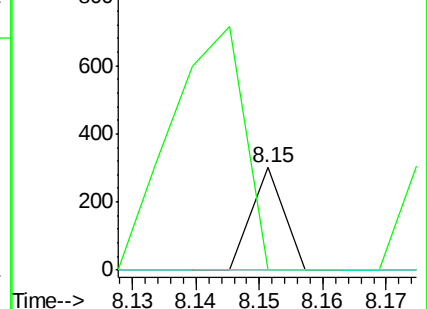
123 0.0 9.8 14.6#

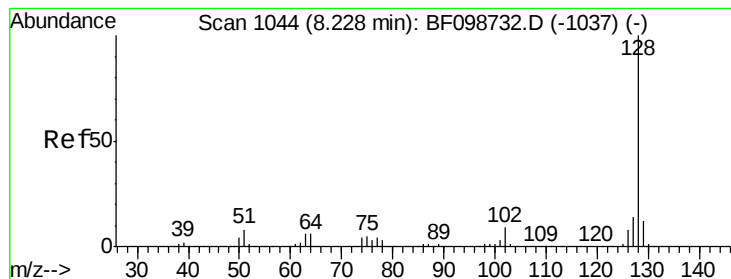


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 1.58 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

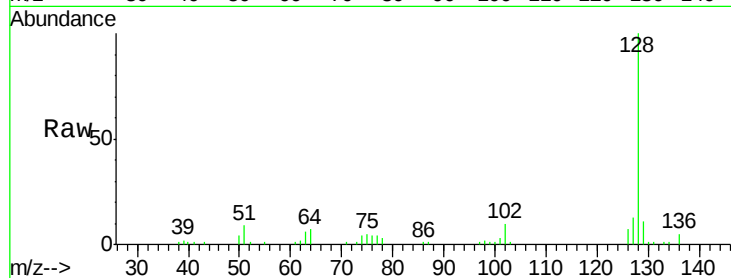
Tot Ion:128 Resp: 39609

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

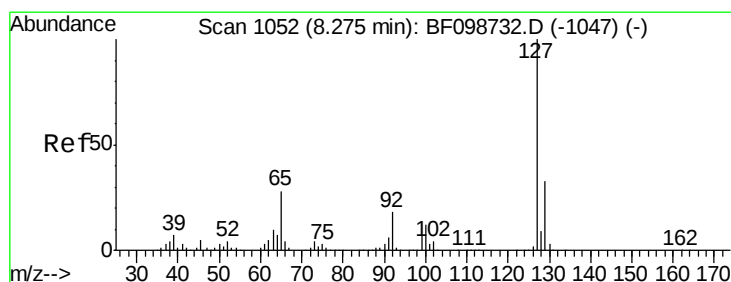
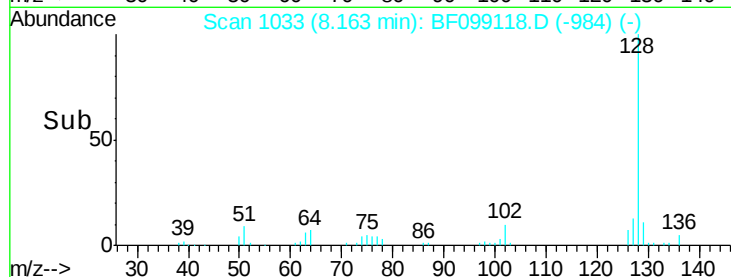
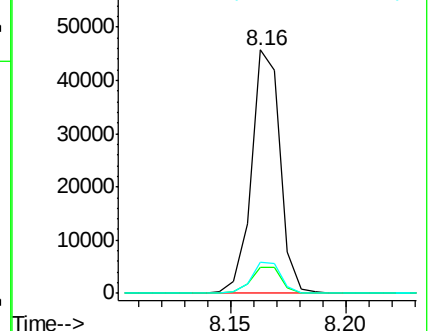
127 13.0 10.9 16.3



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: 0.50 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Tgt Ion:127 Resp: 5269

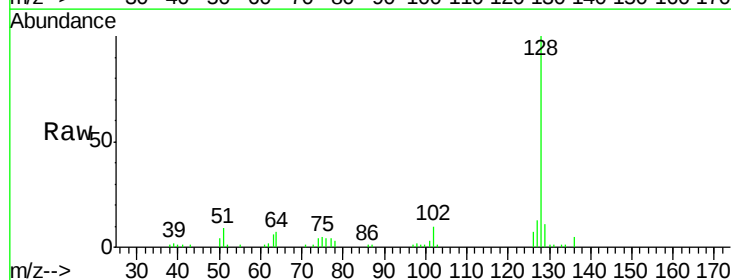
Ion Ratio Lower Upper

127 100

129 84.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

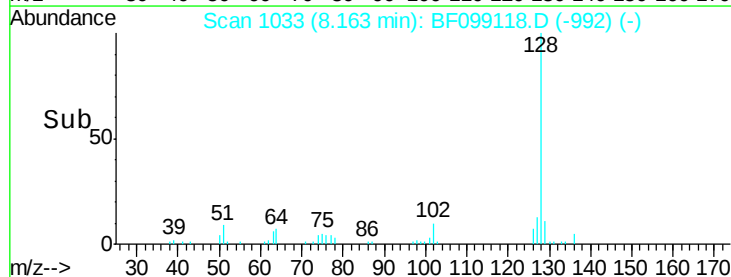
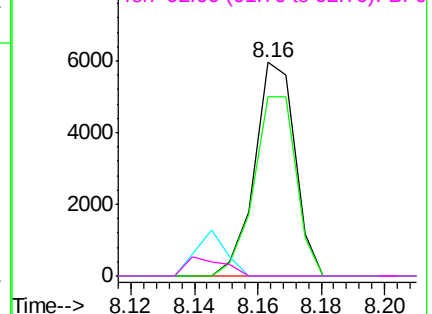


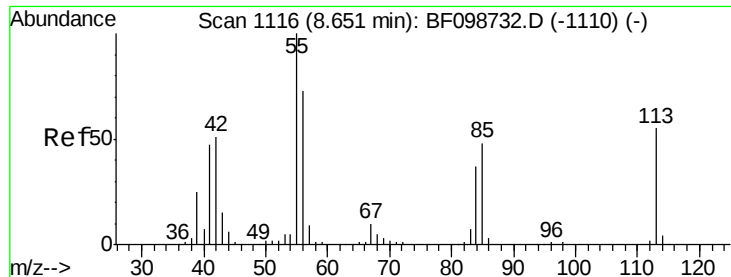
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

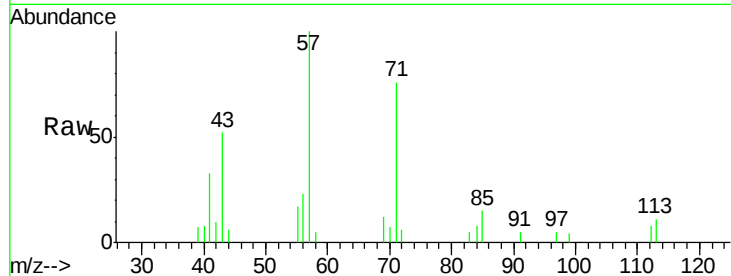




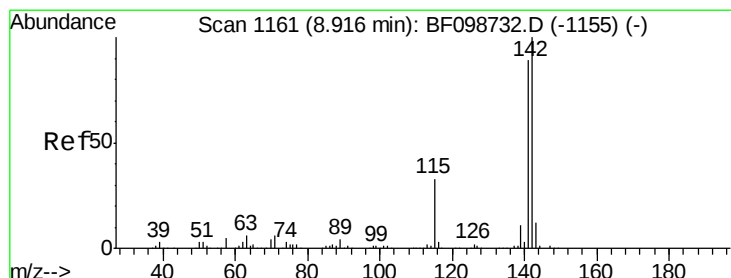
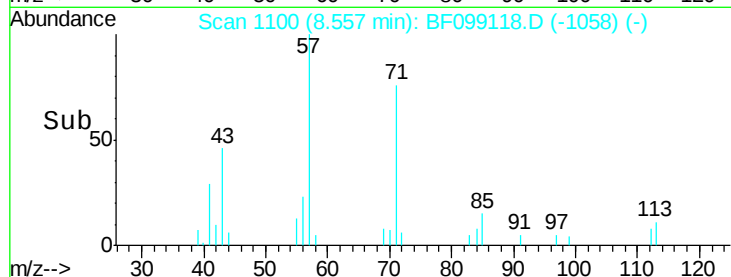
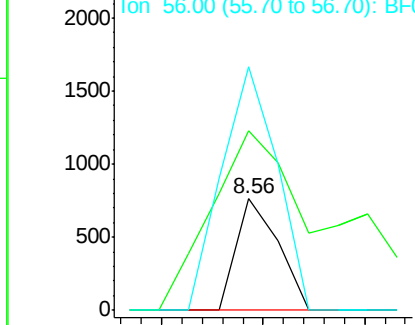
#35
 Caprolactam
 Concen: 0.19 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.05 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 438
 Ion Ratio Lower Upper
 113 100
 55 161.6 163.3 203.3#
 56 218.3 115.7 155.7#

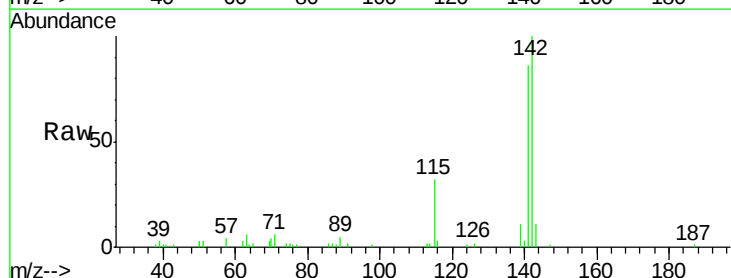


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

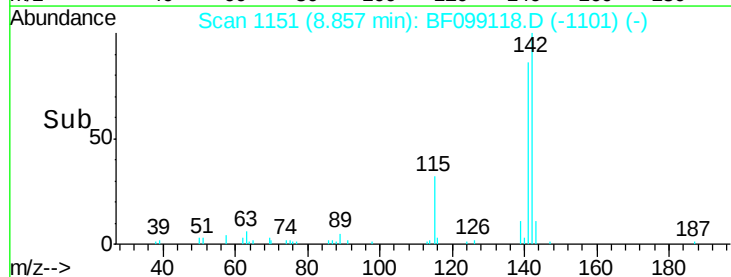
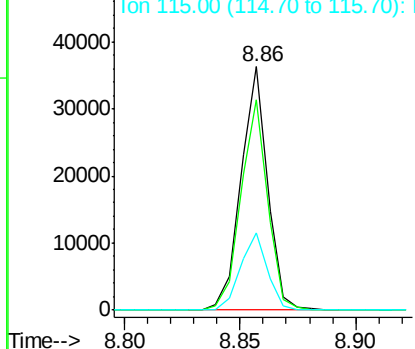


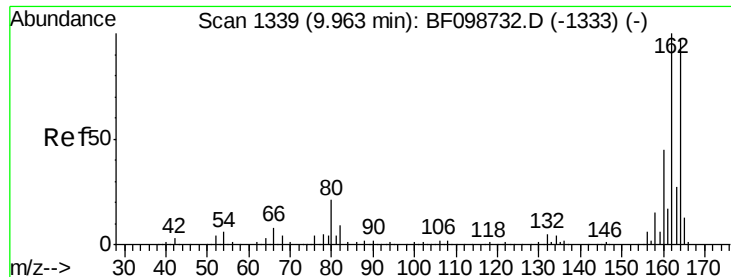
#37
 2-Methylnaphthalene
 Concen: 1.79 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Tgt Ion:142 Resp: 29139
 Ion Ratio Lower Upper
 142 100
 141 86.2 70.8 106.2
 115 32.0 26.1 39.1



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

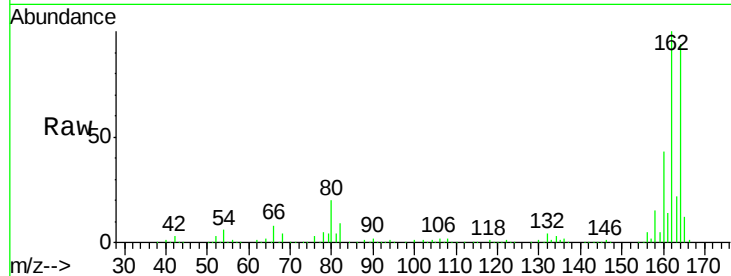




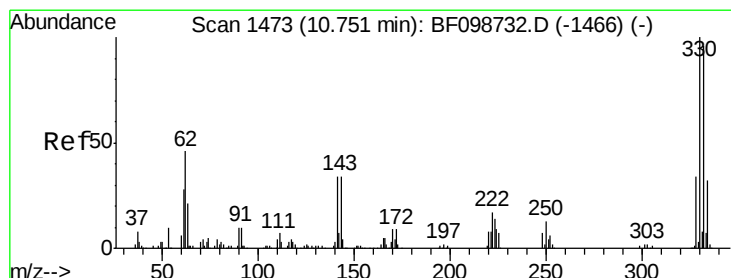
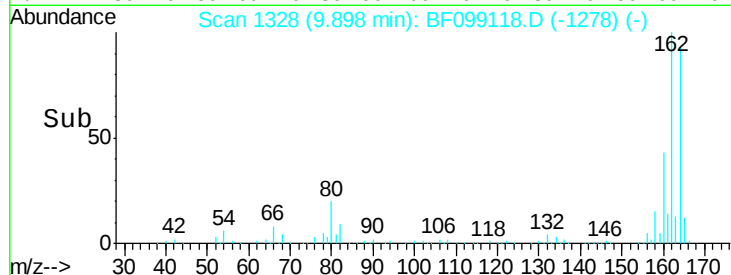
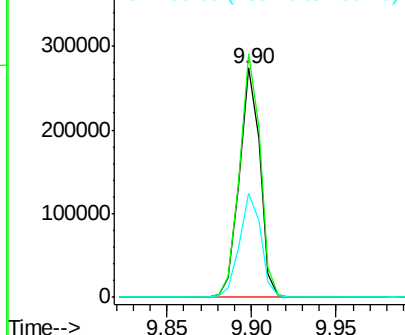
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 232209
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.5 38.3 57.5

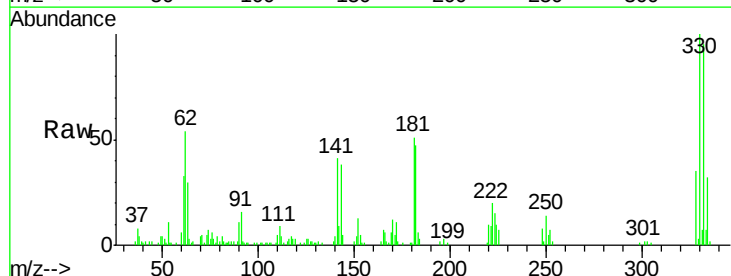


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

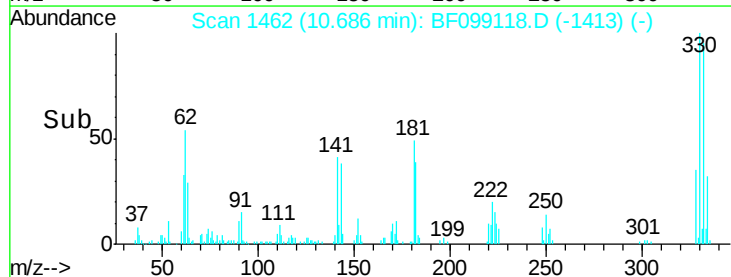
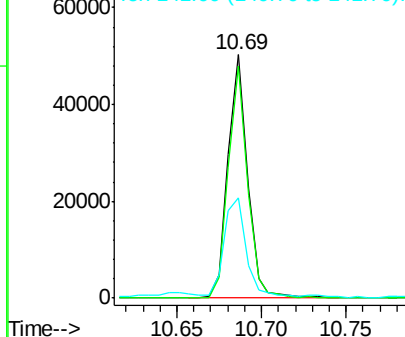


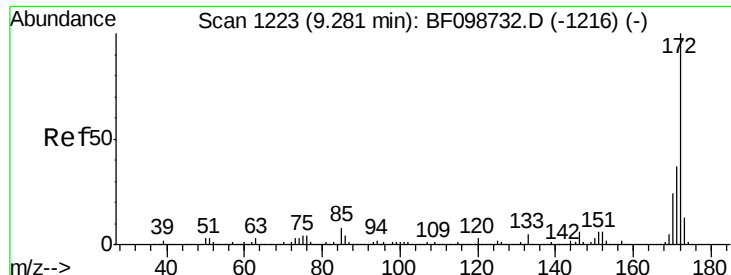
#41
 2,4,6-Tribromophenol
 Concen: 21.47 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Tgt Ion:330 Resp: 40798
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.0 115.6
 141 45.1 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

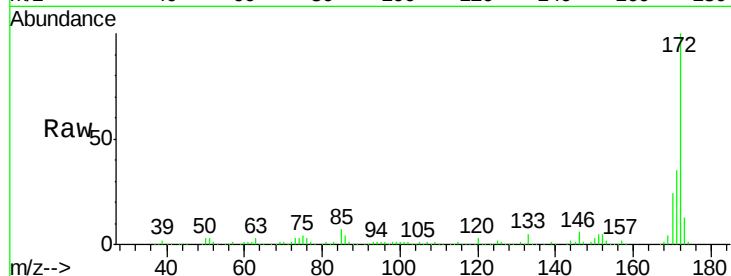




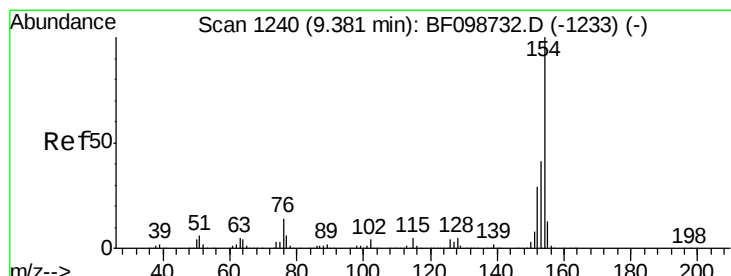
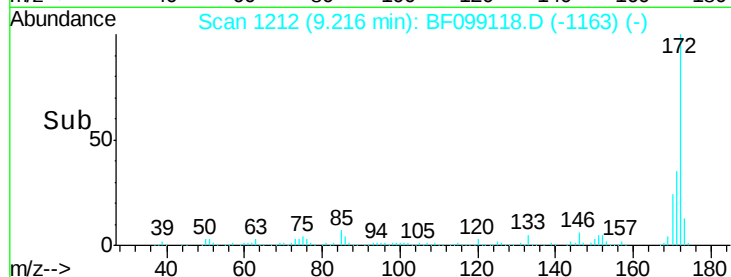
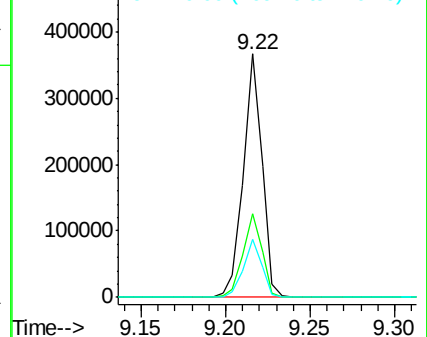
#44
2-Fluorobiphenyl
Concen: 20.20 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 281016
Ion Ratio Lower Upper
172 100
171 34.6 29.7 44.5
170 23.7 19.6 29.4

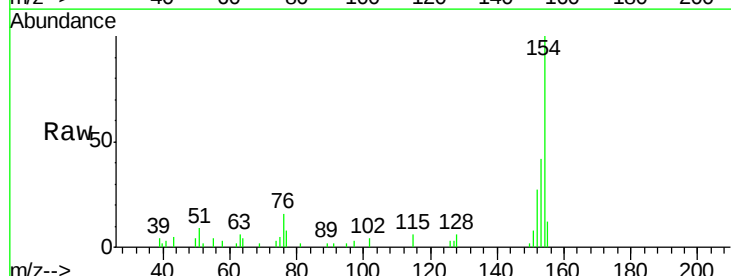


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

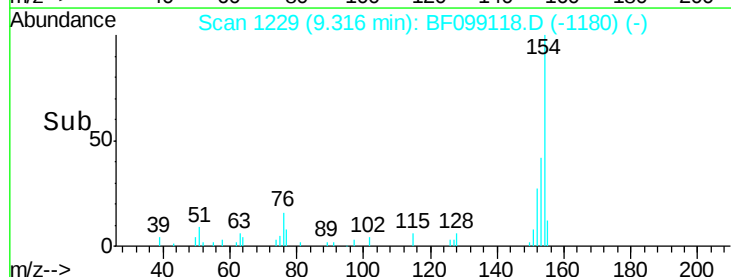
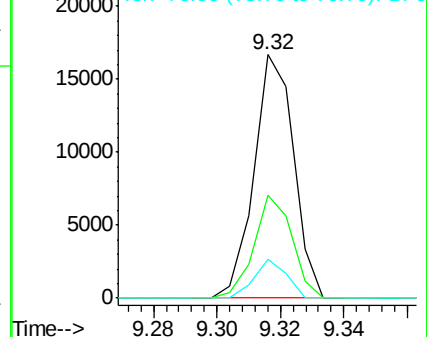


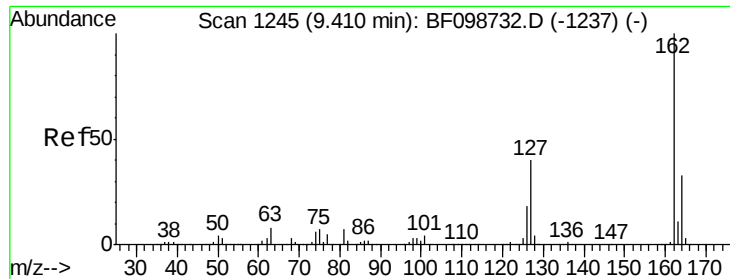
#45
1,1'-Biphenyl
Concen: 0.73 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:154 Resp: 14506
Ion Ratio Lower Upper
154 100
153 42.4 21.3 61.3
76 16.1 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): BF0

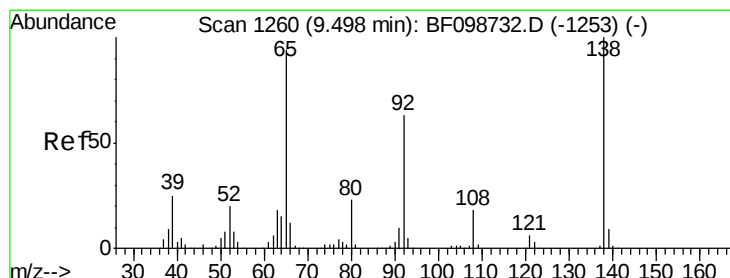
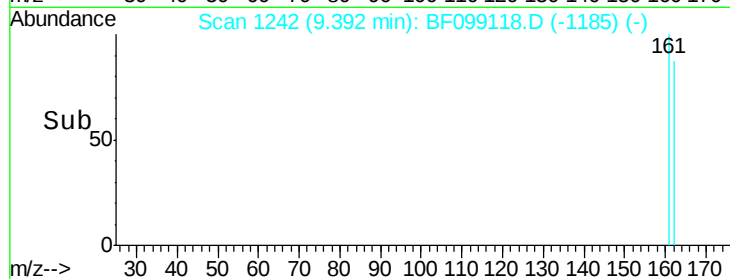
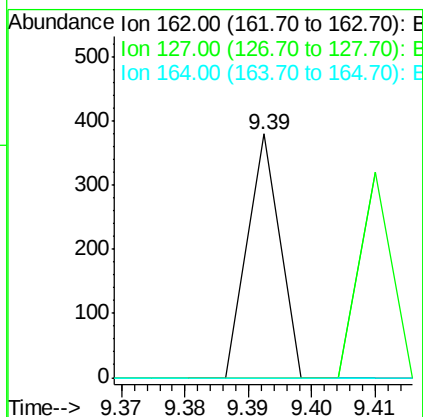
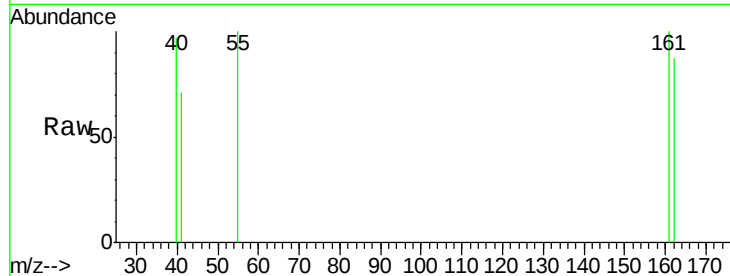




#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.04 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

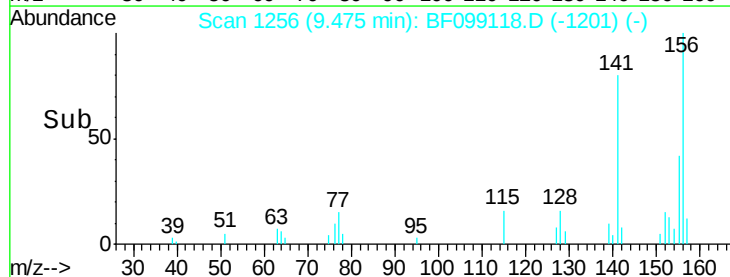
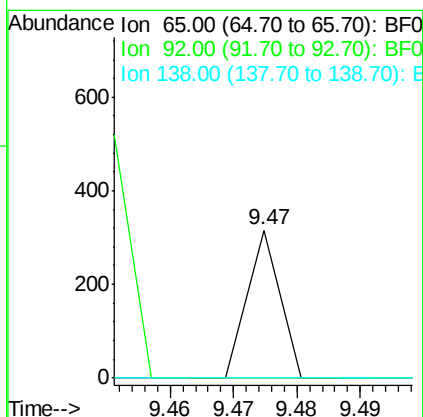
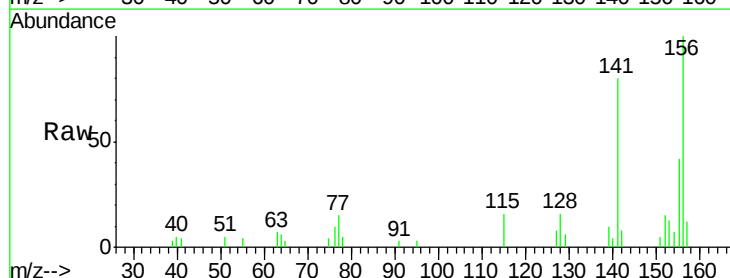
Instrument :
BNA_F
ClientSampleId :

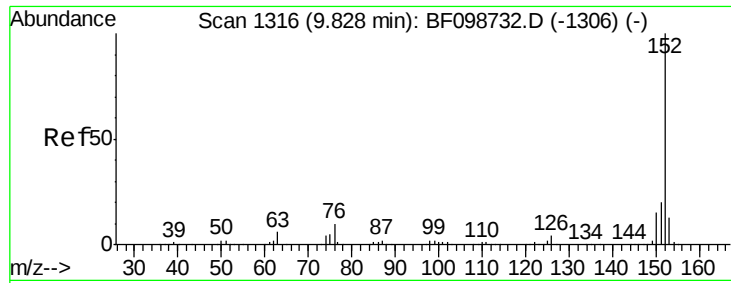
Tot Ion:162 Resp: 134
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 0.0 26.5 39.7#



#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#

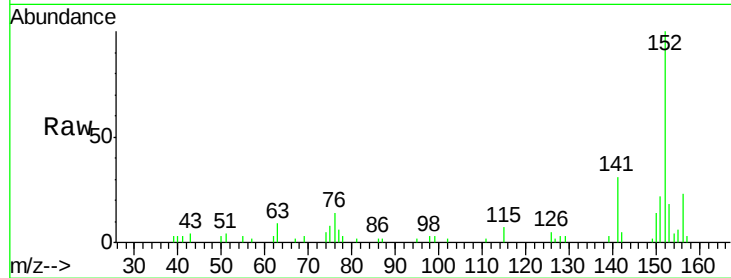




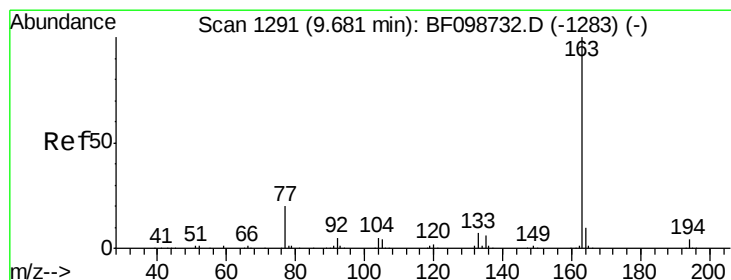
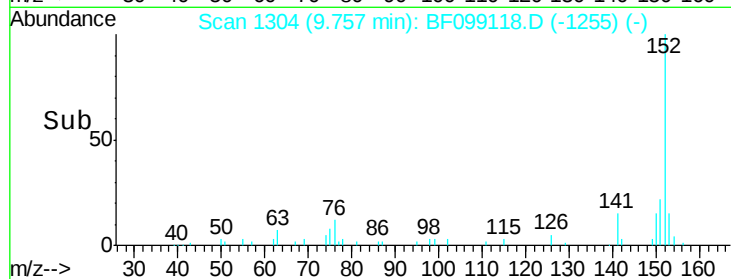
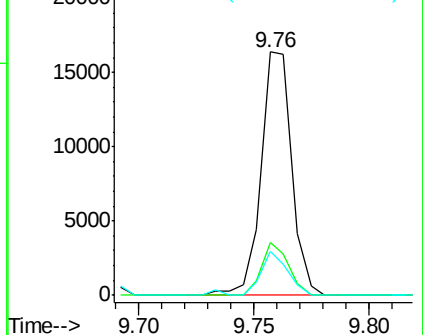
#48
Acenaphthylene
Concen: 0.66 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 15215
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 18.1 10.7 16.1#

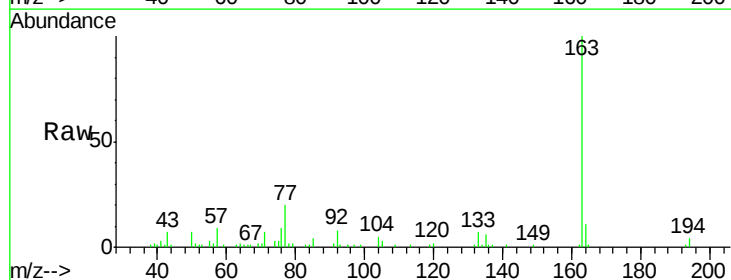


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

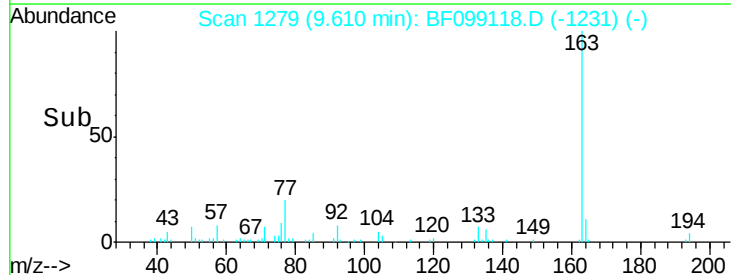
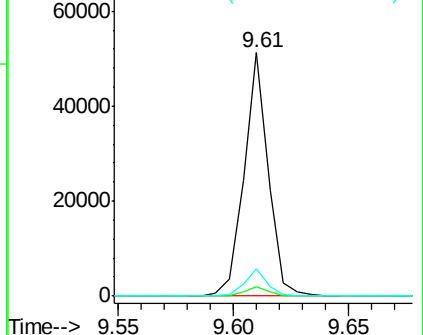


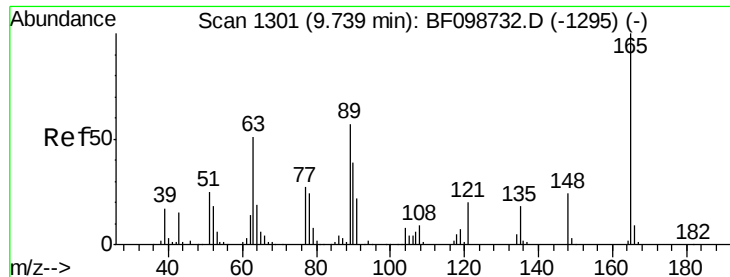
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:163 Resp: 37411
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 11.3 8.2 12.2



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

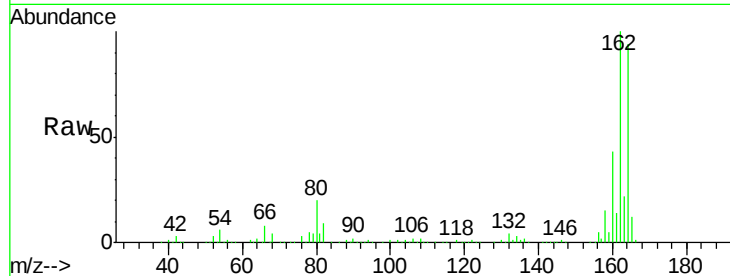




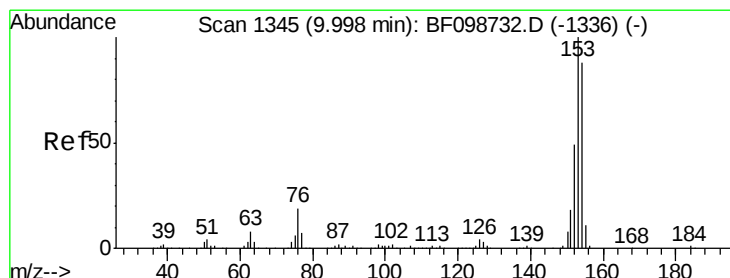
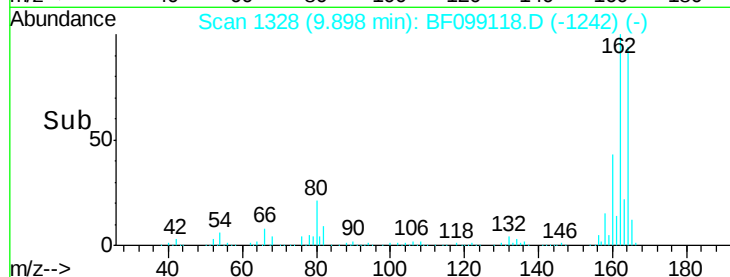
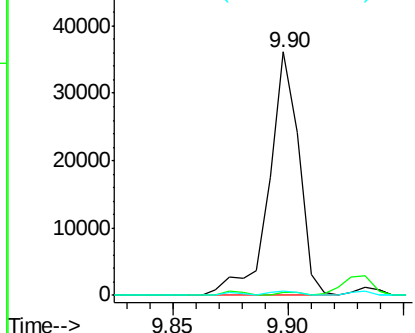
#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

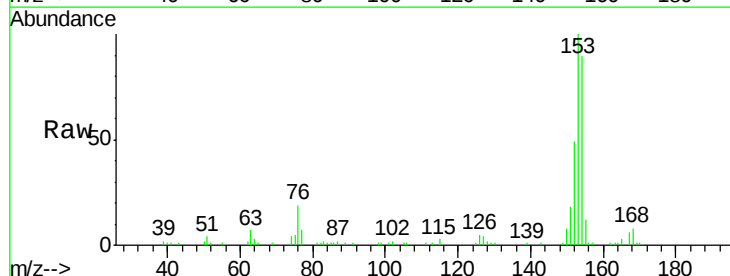


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

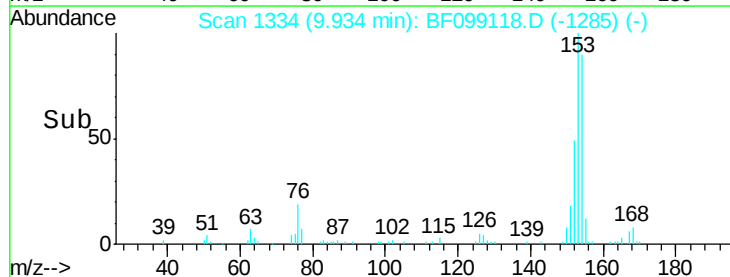
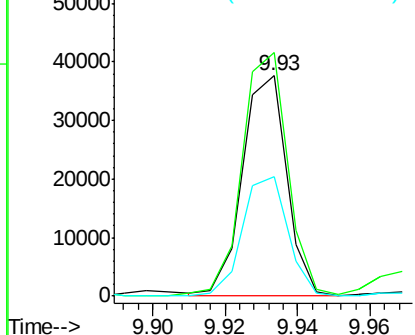


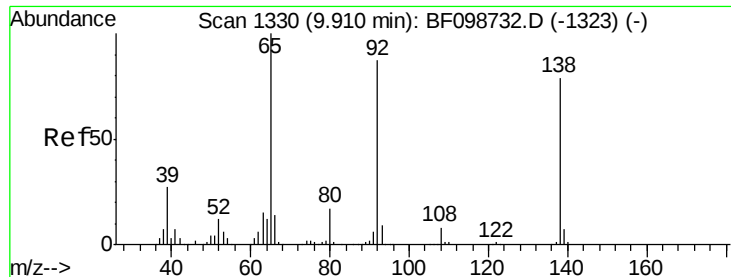
#51
Acenaphthene
Concen: 2.20 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.2	136.8
152	54.3	43.8	65.8



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

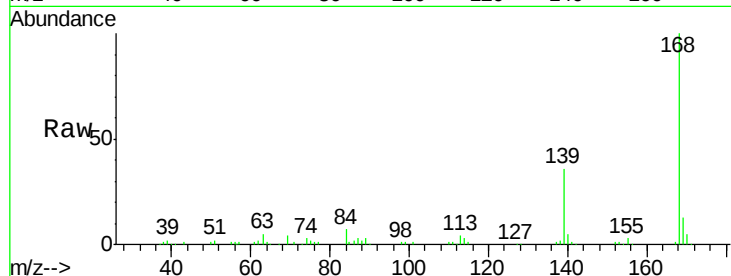




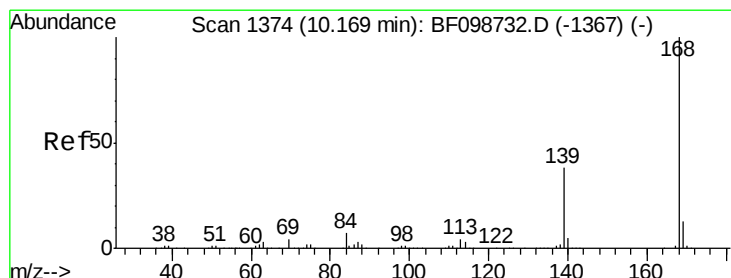
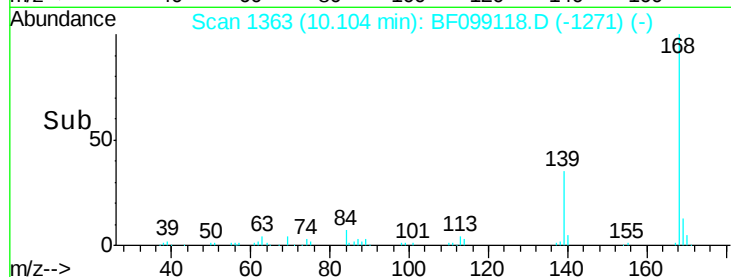
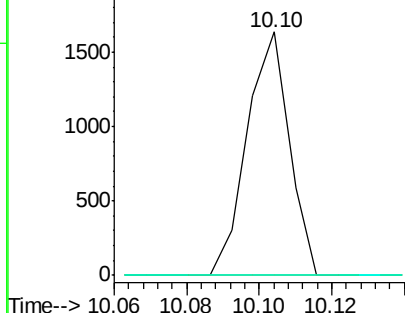
#52
3-Nitroaniline
Concen: 0.30 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.24 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1319
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 0.0 89.4 134.2#

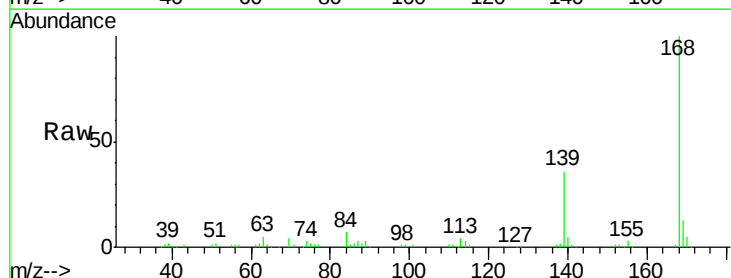


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

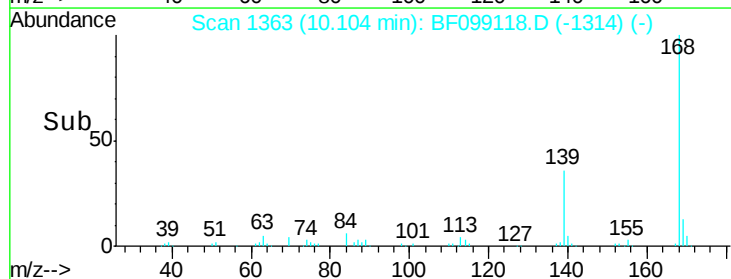
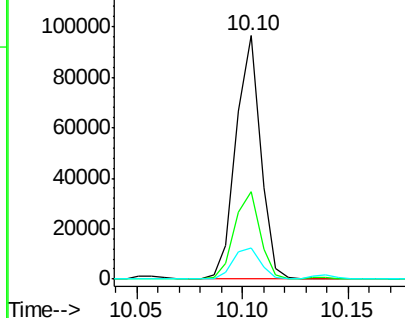


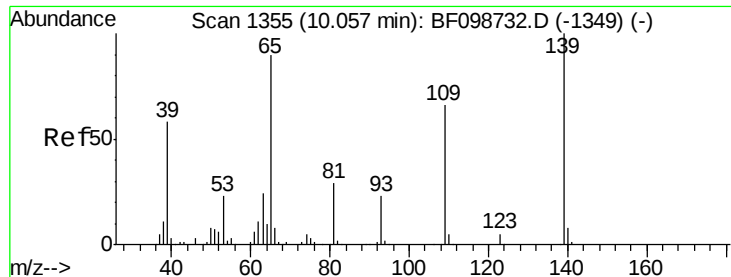
#54
Dibenzofuran
Concen: 4.03 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:168 Resp: 77957
Ion Ratio Lower Upper
168 100
139 36.0 30.1 45.1
169 12.8 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: 7.69 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.08 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

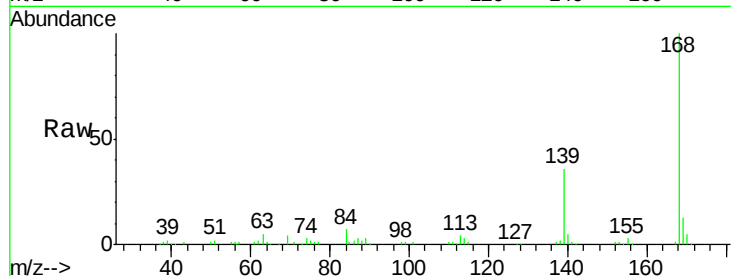
Tot Ion:139 Resp: 28919

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

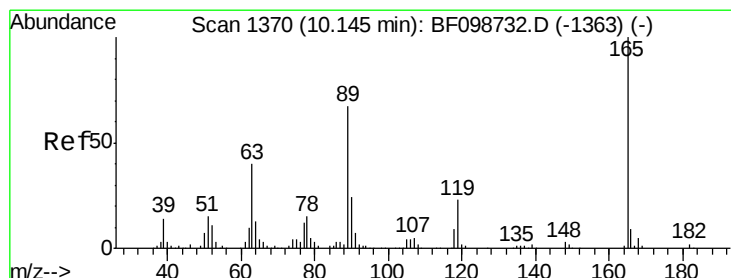
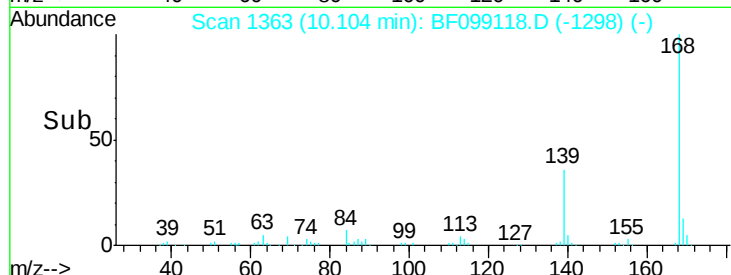
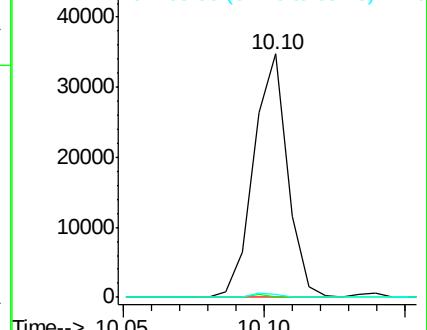
65 1.4 72.6 112.6#



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): E



#56

2,4-Dinitrotoluene

Concen: 6.51 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Tgt Ion:165 Resp: 32213

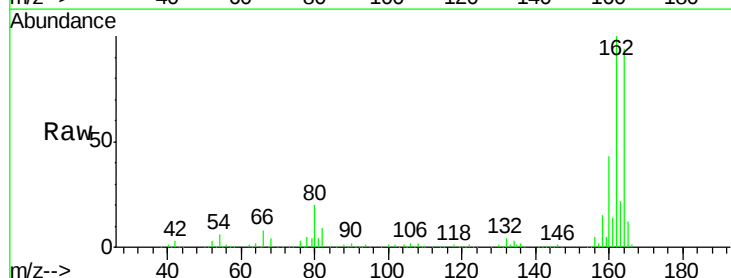
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

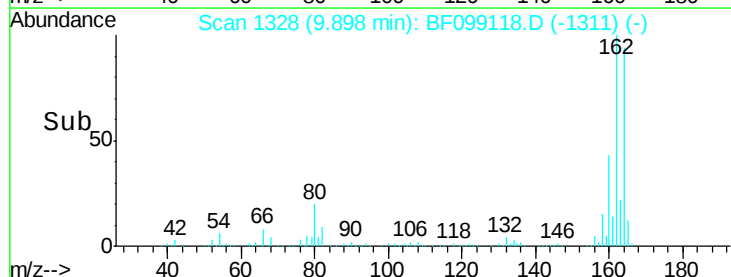
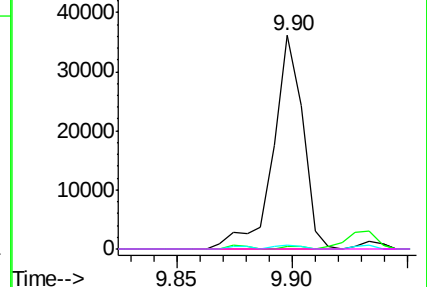


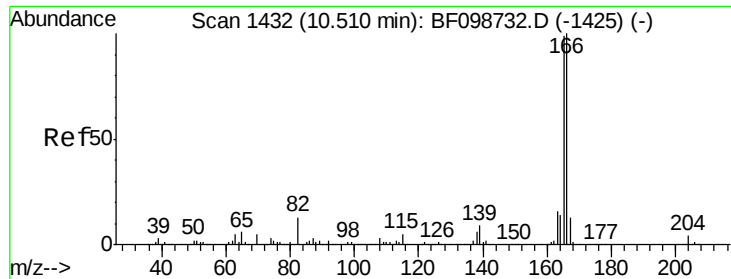
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

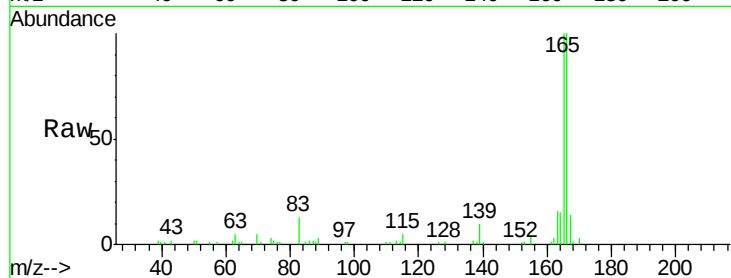




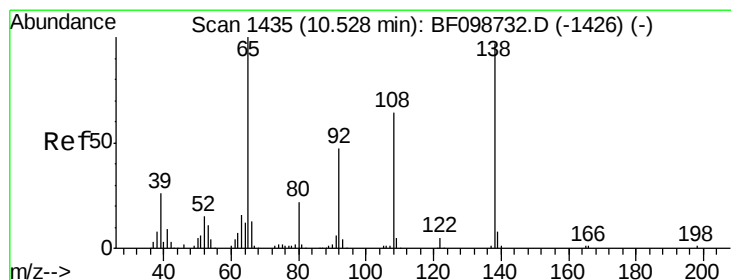
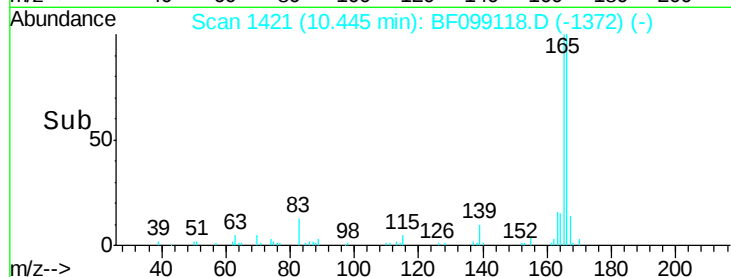
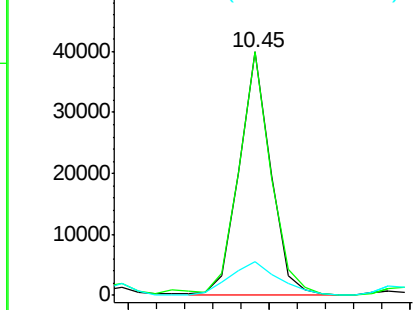
#57
 Fluorene
 Concen: 2.00 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:166 Resp: 31029
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.8 10.6 16.0

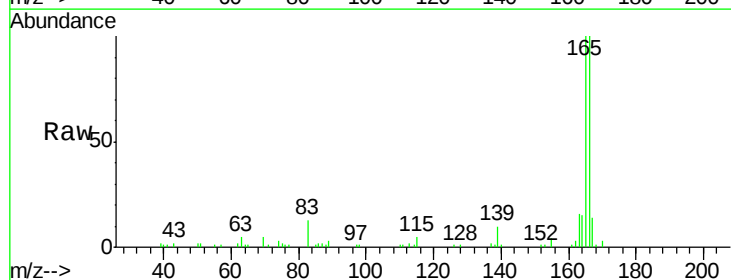


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

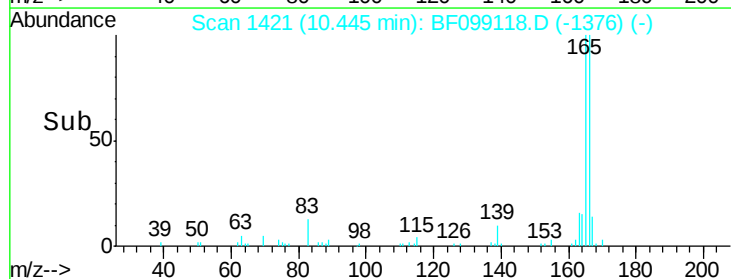
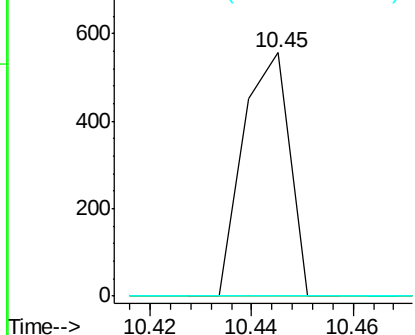


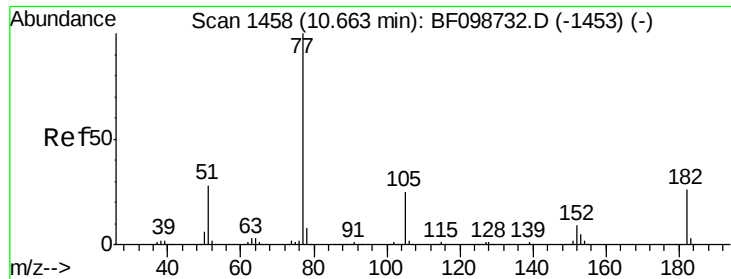
#61
 4-Nitroaniline
 Concen: 0.08 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.04 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Tgt Ion:138 Resp: 356
 Ion Ratio Lower Upper
 138 100
 92 0.0 30.2 70.2#
 108 0.0 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

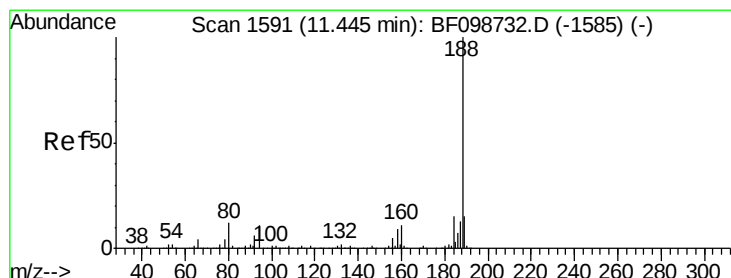
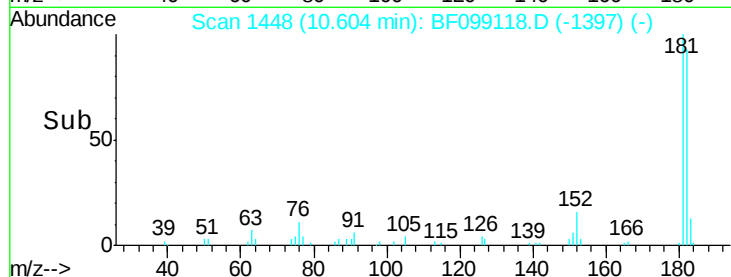
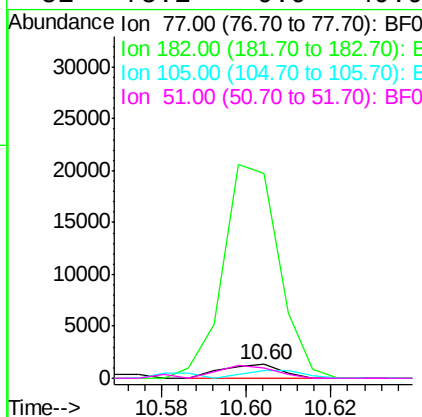
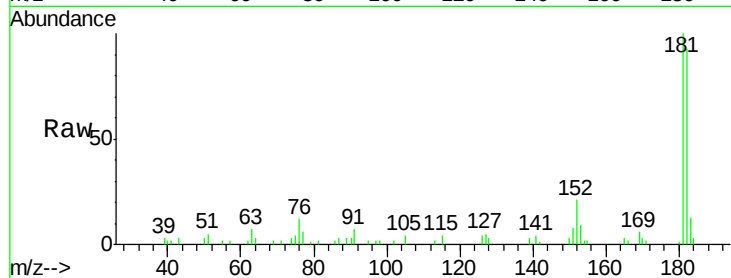




#62
Azobenzene
Concen: 0.08 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

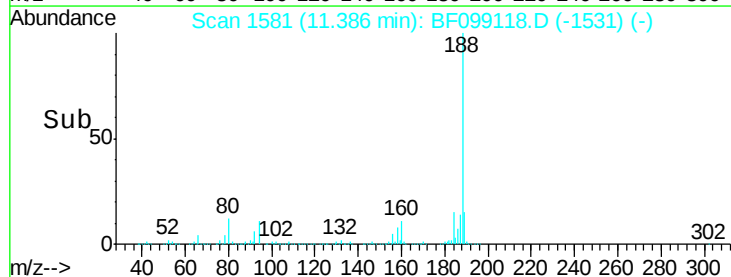
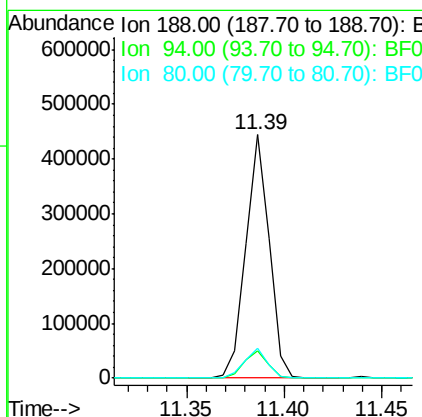
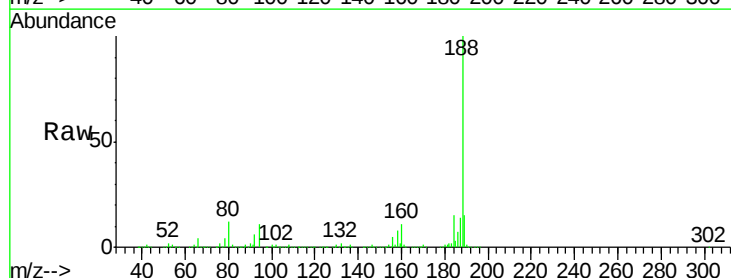
Instrument :
BNA_F
ClientSampleId :

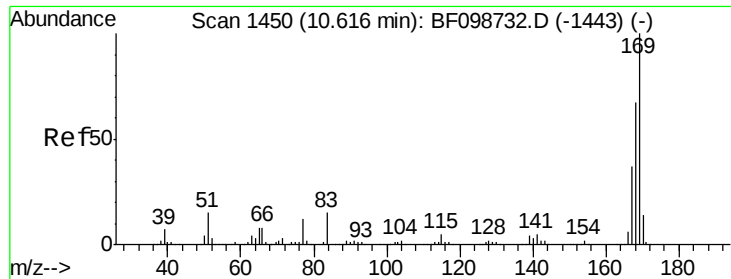
Tot Ion: 77 Resp: 1281
Ion Ratio Lower Upper
77 100
182 1497.3 1.7 41.7#
105 60.7 3.0 43.0#
51 75.1 9.9 49.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion: 188 Resp: 370722
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8





#65

n-Nitrosodiphenylamine

Concen: 0.14 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

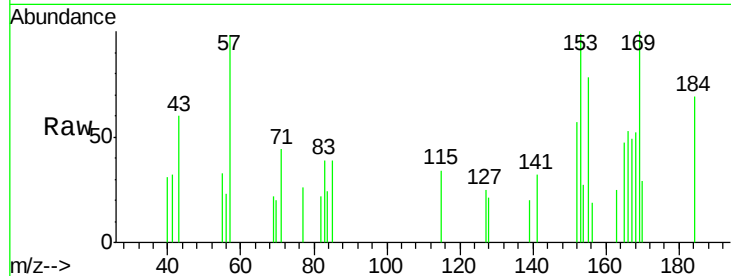
Tot Ion:169 Resp: 1749

Ion Ratio Lower Upper

169 100

168 51.9 54.4 81.6#

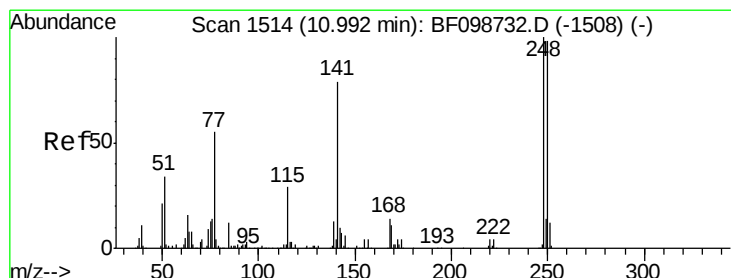
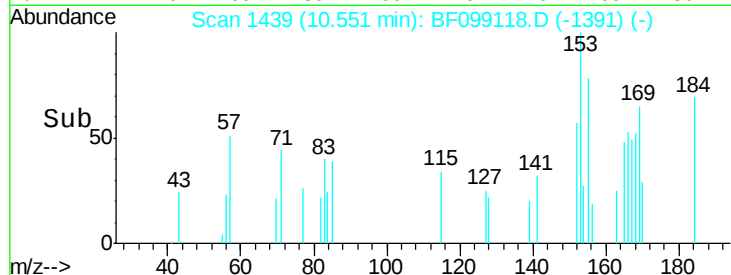
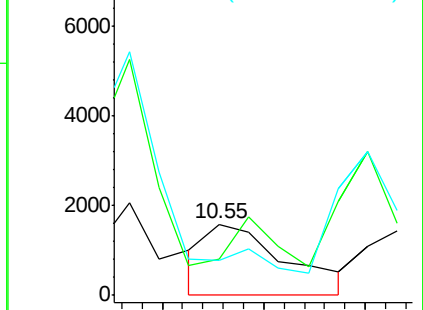
167 48.7 29.8 44.6#



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: 0.77 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.25 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

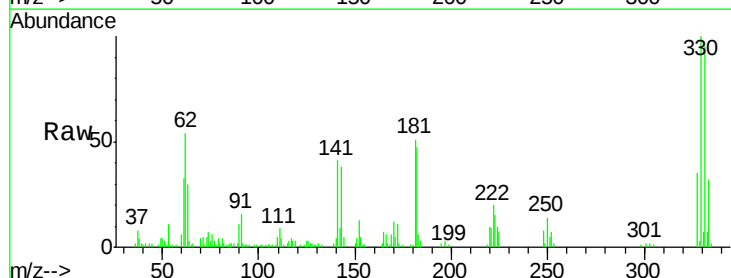
Tgt Ion:248 Resp: 2795

Ion Ratio Lower Upper

248 100

250 142.1 76.9 115.3#

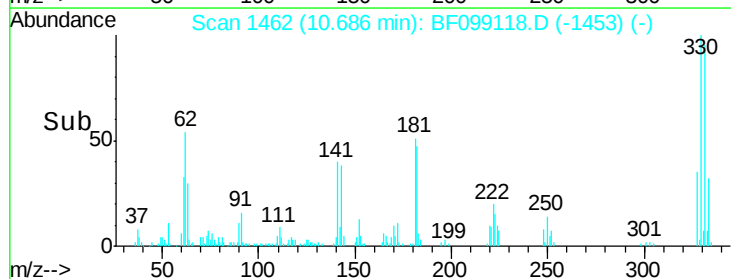
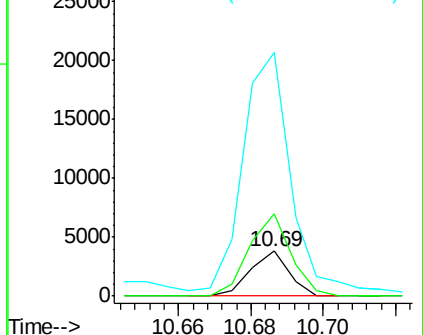
141 420.6 74.4 111.6#

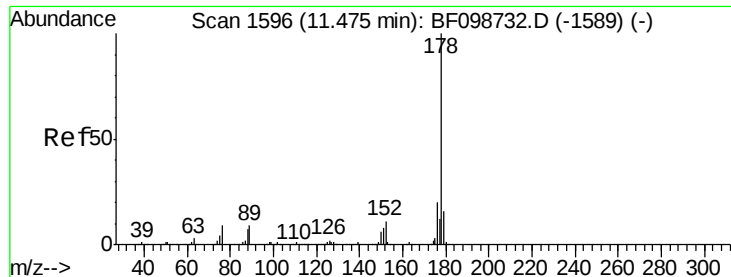


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 24.67 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

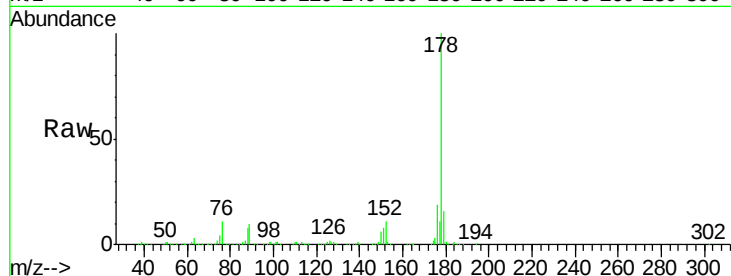
Tot Ion:178 Resp: 489510

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

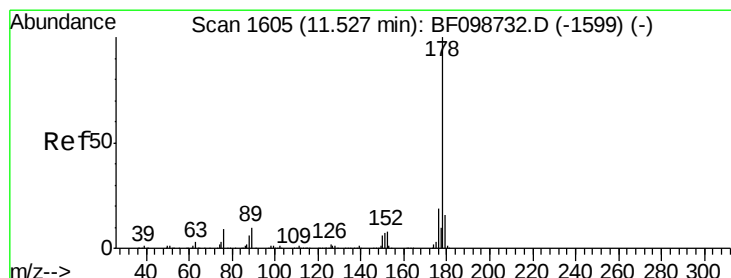
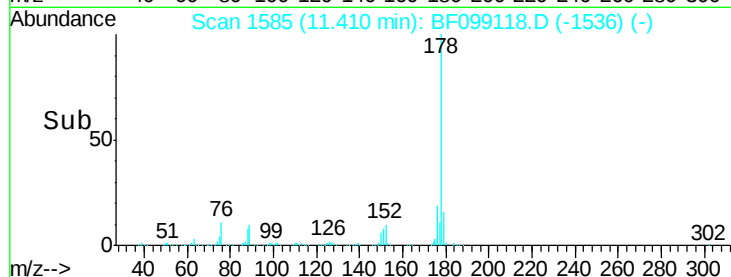
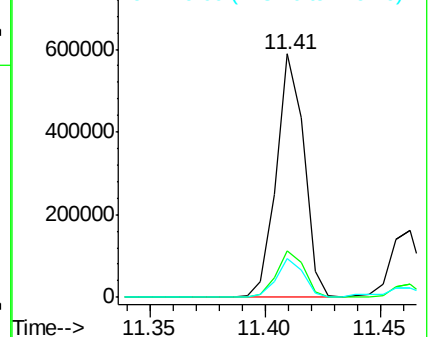
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.83 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

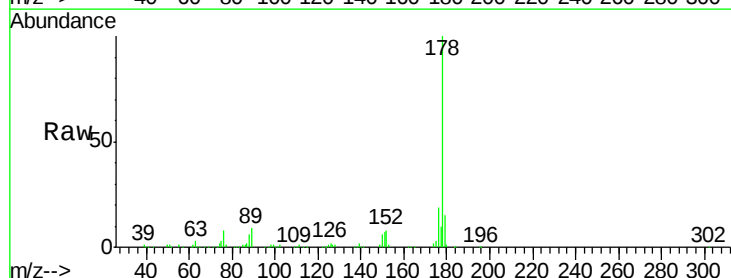
Tgt Ion:178 Resp: 138746

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

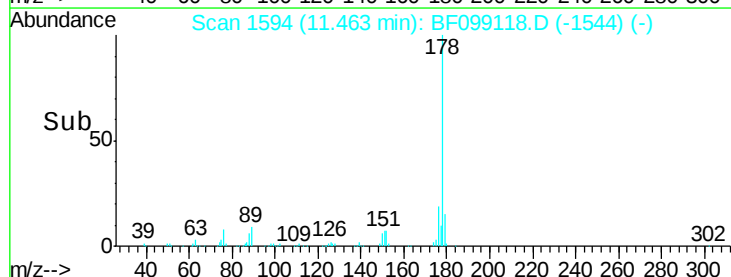
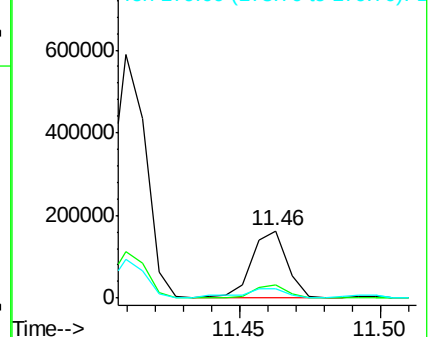
179 14.6 12.6 19.0

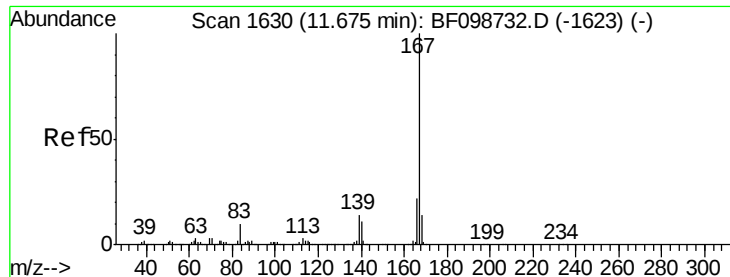


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

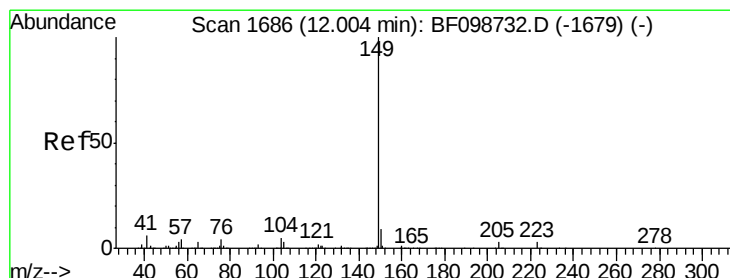
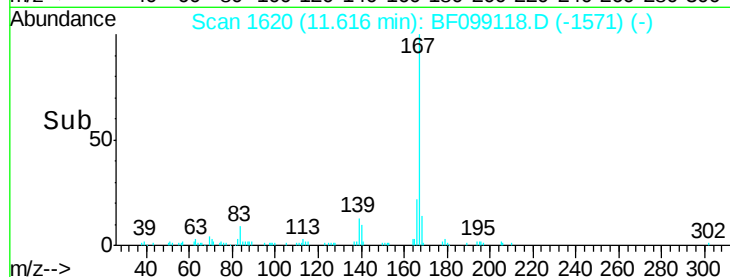
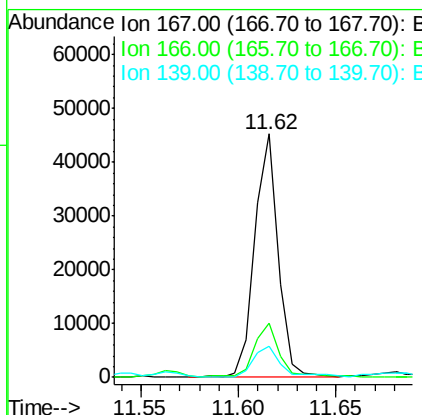
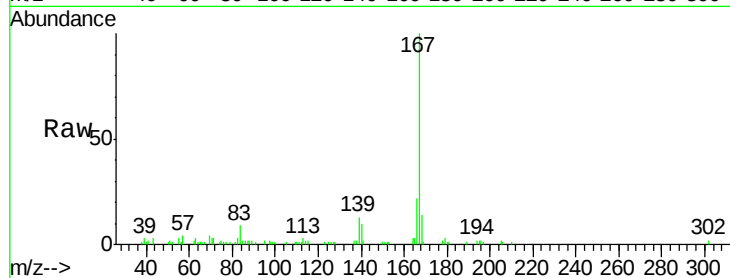




#72
 Carbazole
 Concen: 1.90 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

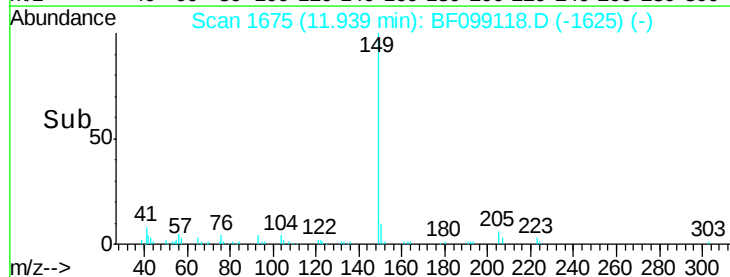
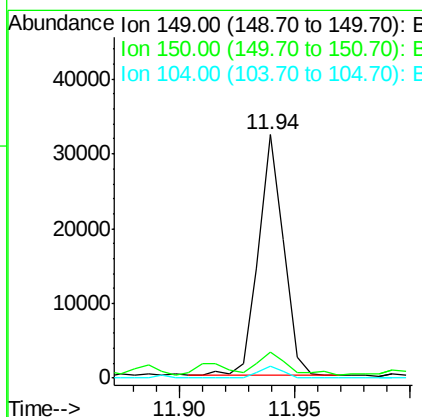
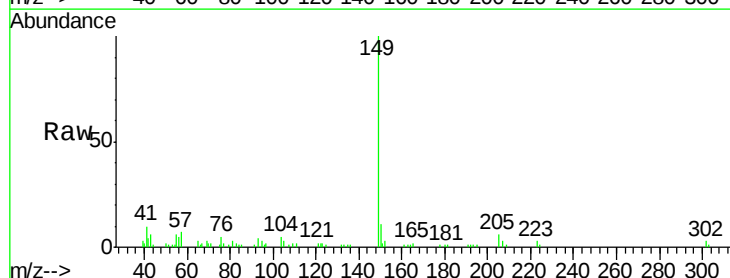
Instrument :
 BNA_F
 ClientSampleId :

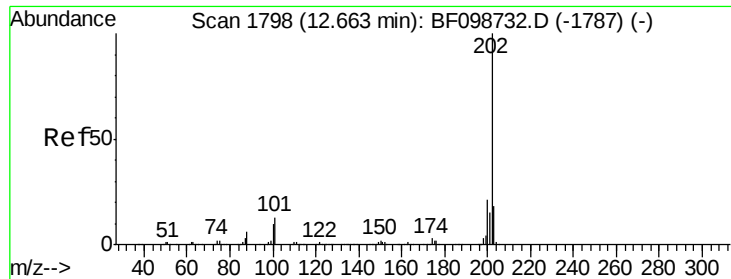
Tot Ion:167 Resp: 37786
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.0 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 1.03 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Tgt Ion:149 Resp: 24671
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.8 11.6
 104 4.9 3.8 5.8





#74

Fluoranthene

Concen: 19.21 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

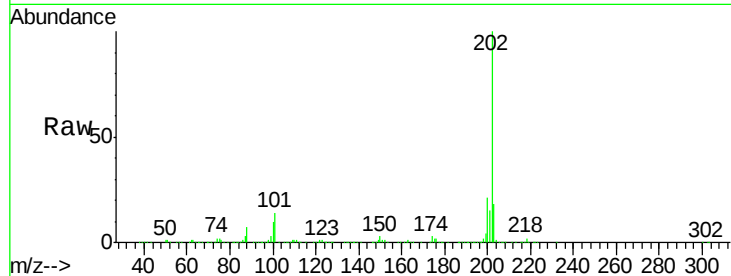
Tot Ion:202 Resp: 386015

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

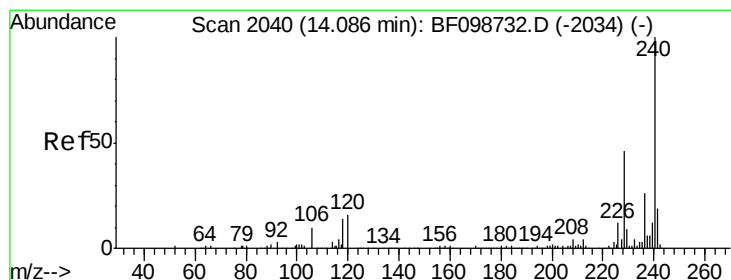
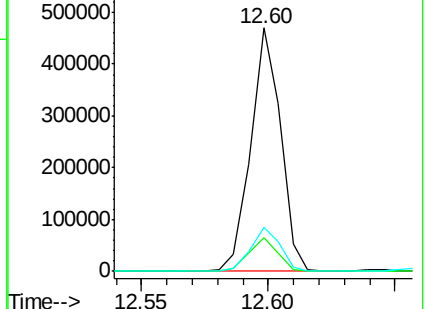
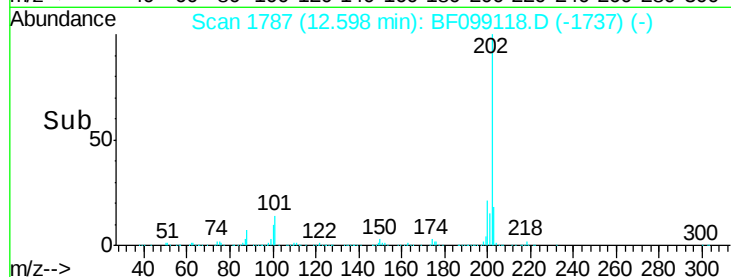
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

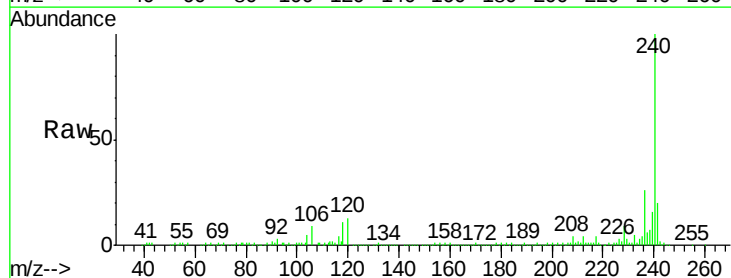
Tgt Ion:240 Resp: 218803

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

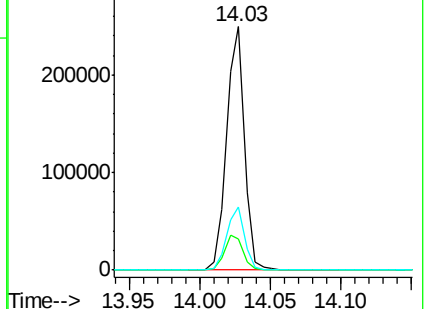
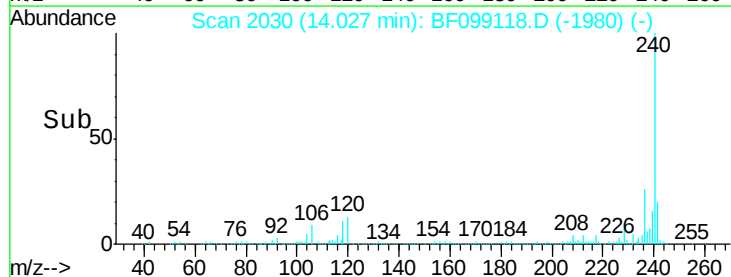
236 26.1 20.7 31.1

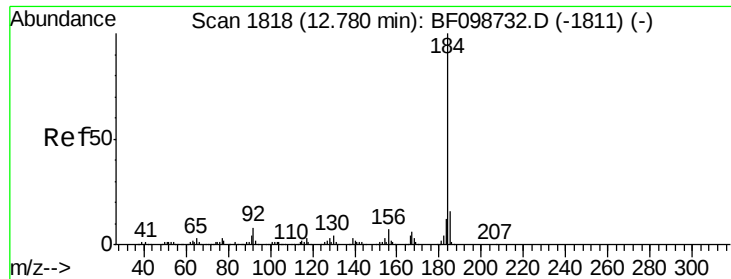


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.03 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.12 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

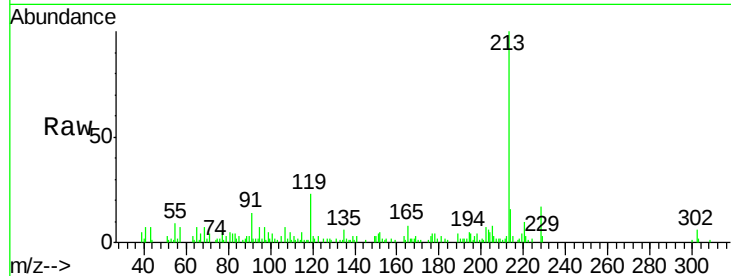
Tot Ion:184 Resp: 249

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

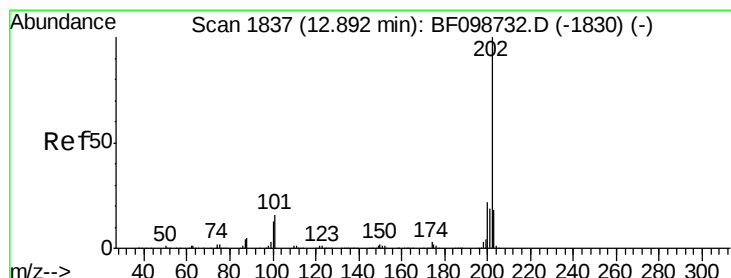
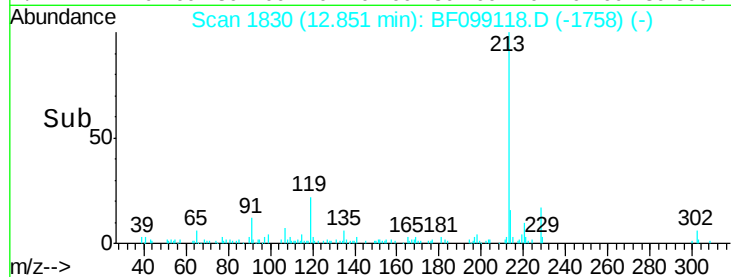
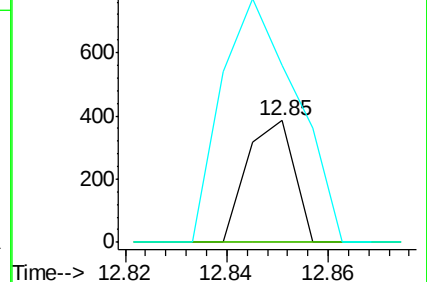
183 145.7 9.3 13.9#



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: 17.97 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

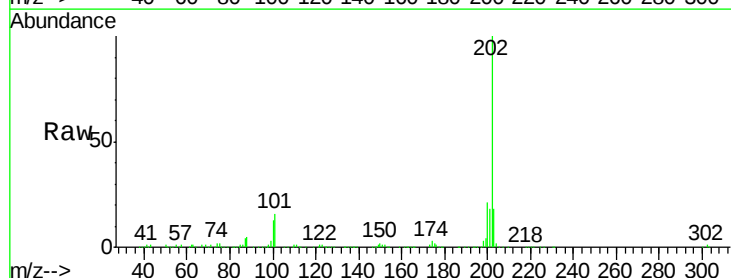
Tgt Ion:202 Resp: 299754

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

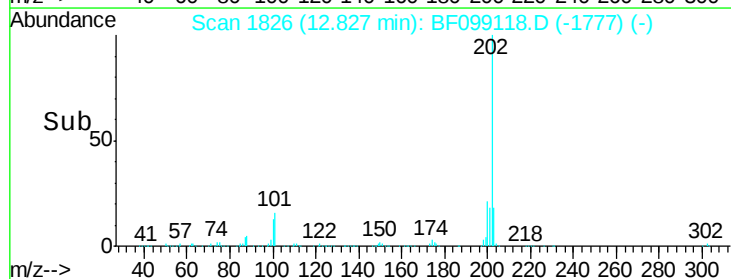
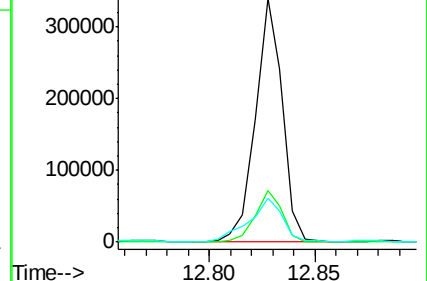
203 18.0 14.3 21.5

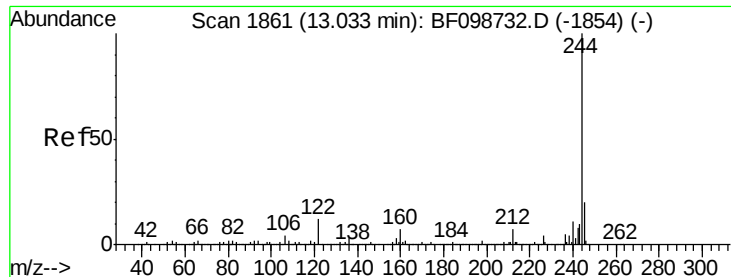


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 18.81 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

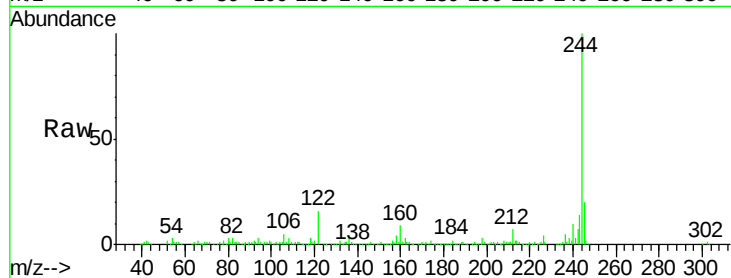
Tot Ion:244 Resp: 180933

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

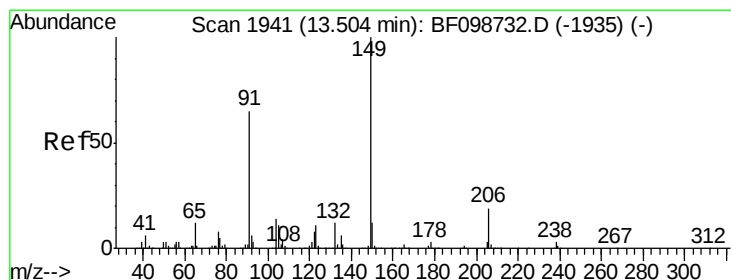
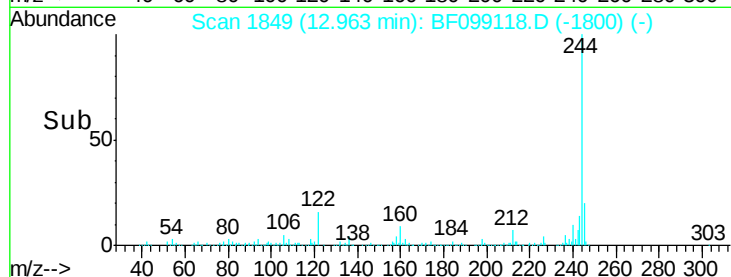
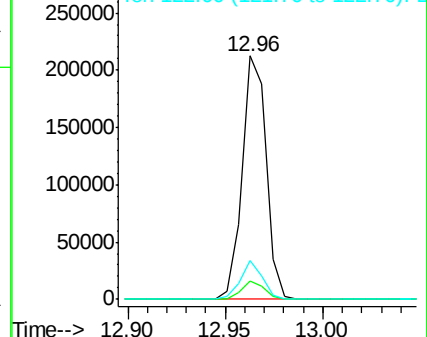
122 15.9 11.0 16.4



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: 0.07 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

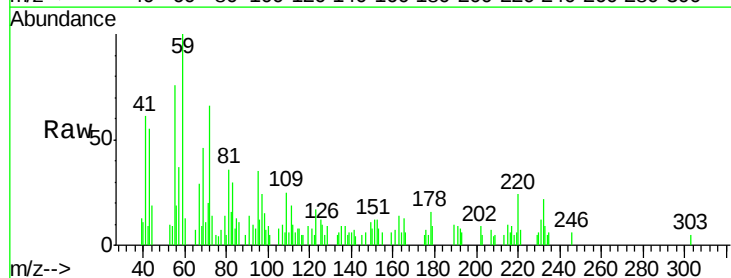
Tgt Ion:149 Resp: 523

Ion Ratio Lower Upper

149 100

91 123.3 56.8 85.2#

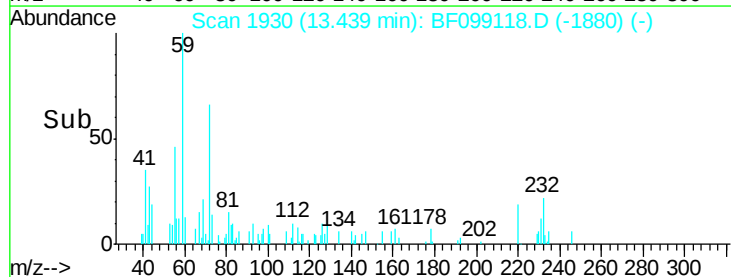
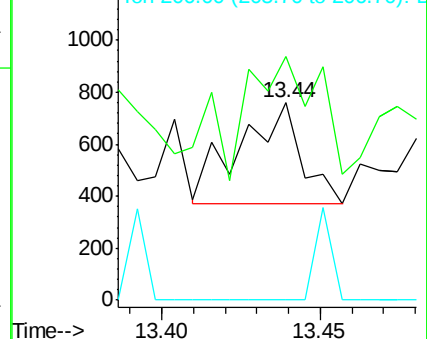
206 0.0 14.1 21.1#

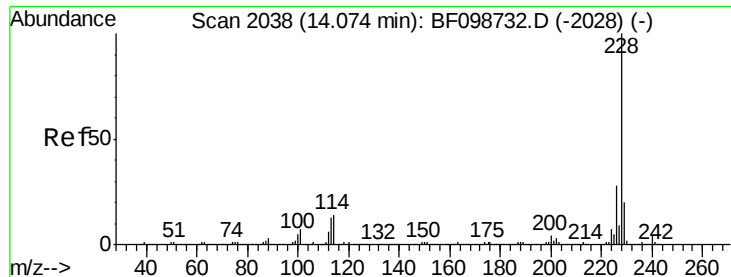


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 9.65 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

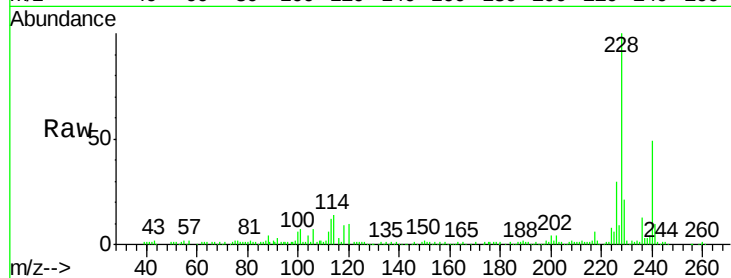
Tot Ion:228 Resp: 127817

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

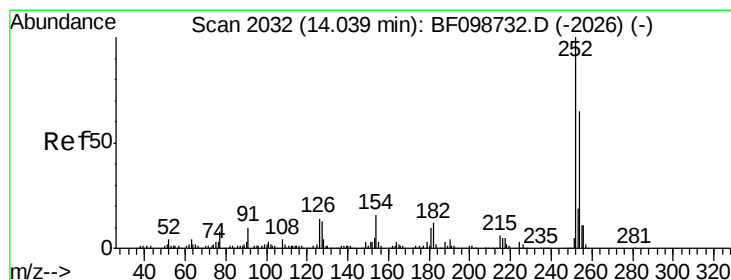
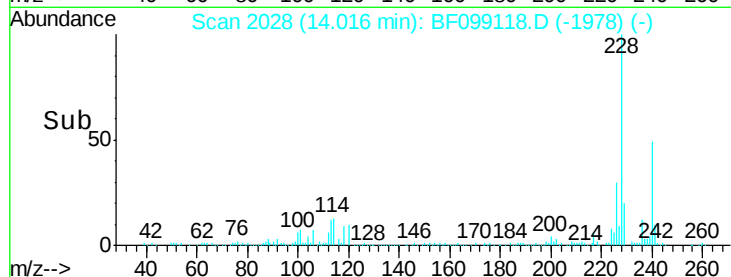
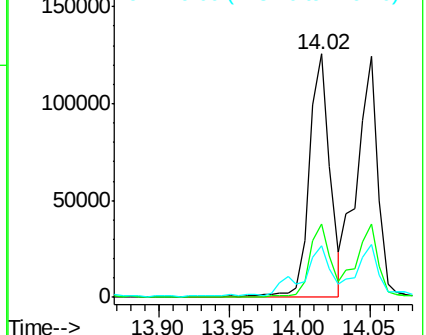
229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.24 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.07 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

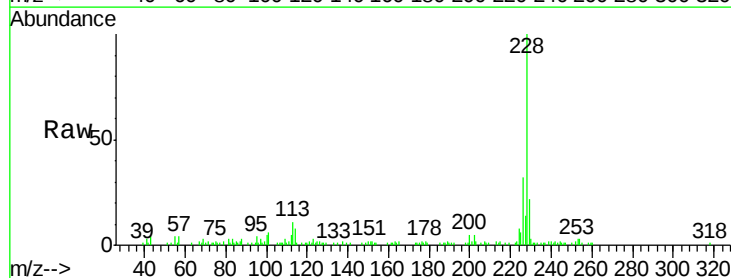
Tgt Ion:252 Resp: 1144

Ion Ratio Lower Upper

252 100

254 152.7 50.4 75.6#

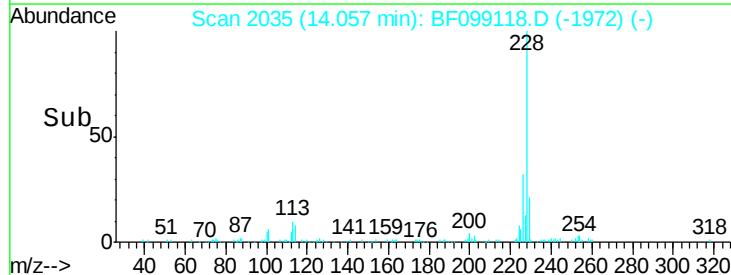
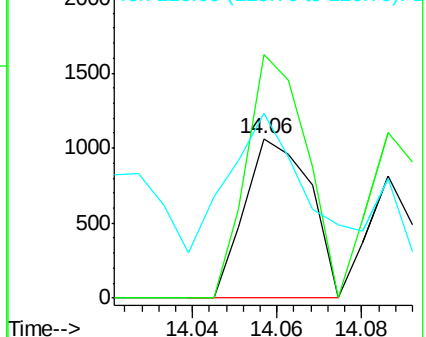
126 115.8 11.3 16.9#

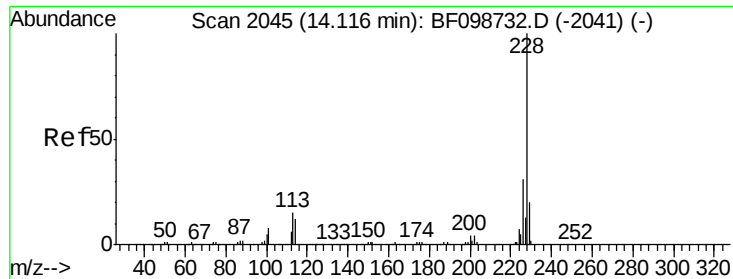


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

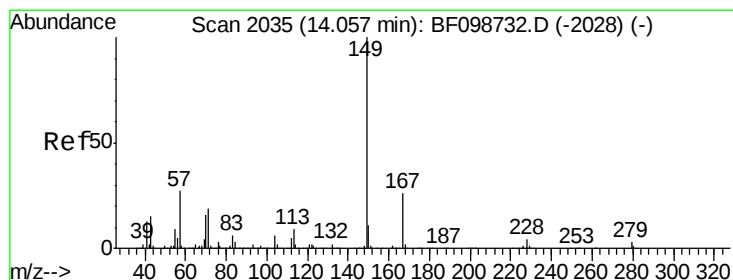
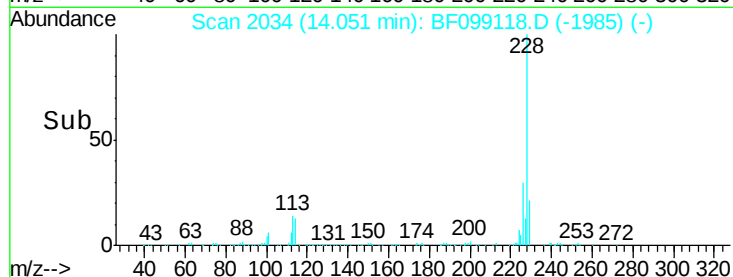
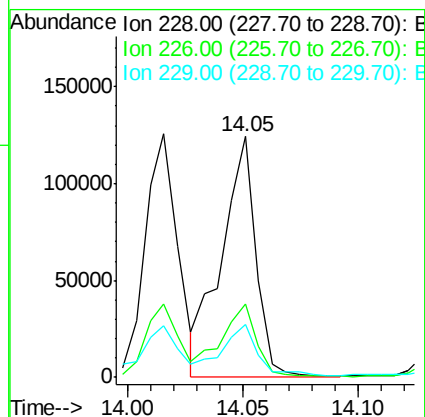
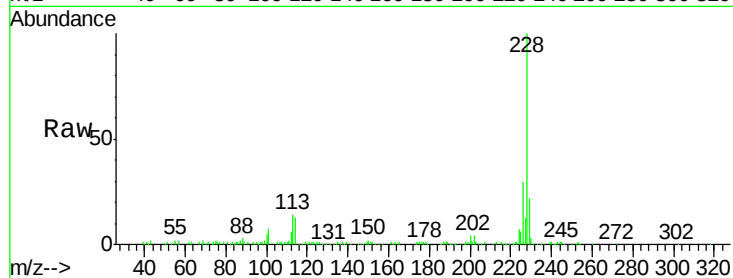




#82
 Chrysene
 Concen: 10.20 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

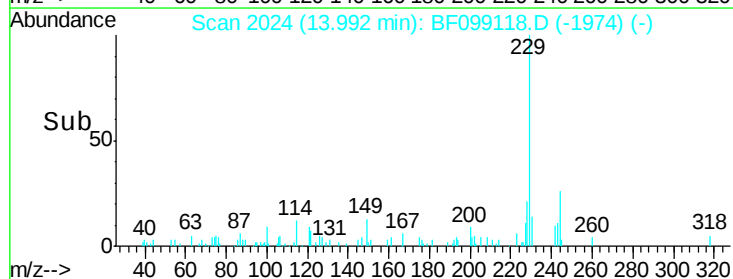
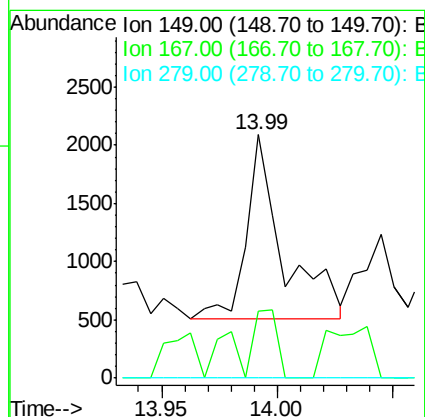
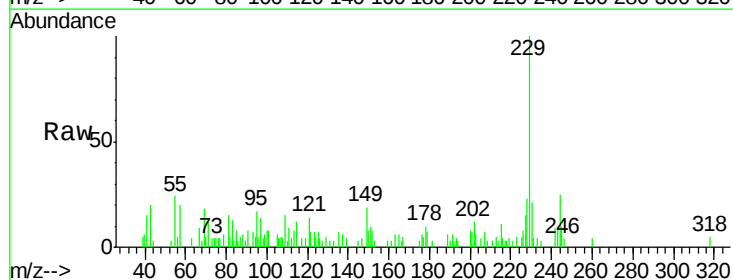
Instrument :
 BNA_F
 ClientSampleId :

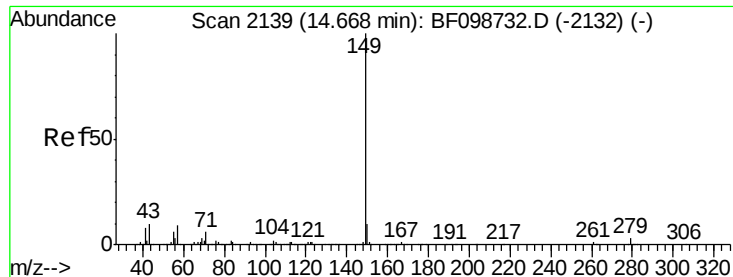
Tot Ion:228 Resp: 128704
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 22.0 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099118.D
 Acq: 5 Oct 2017 22:09

Tgt Ion:149 Resp: 1776
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 0.0 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.06 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.05 min

Lab File: BF099118.D

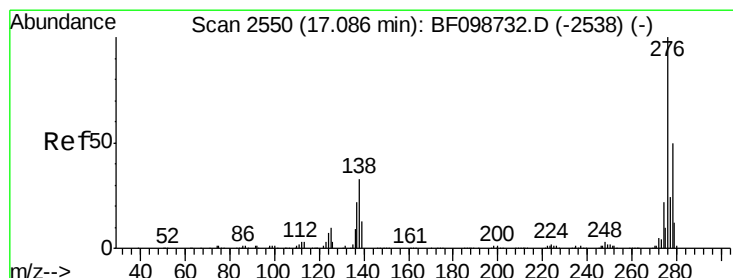
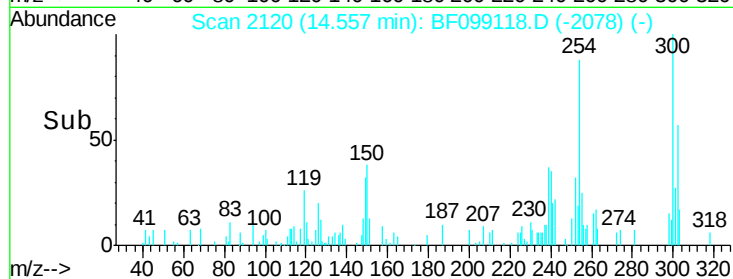
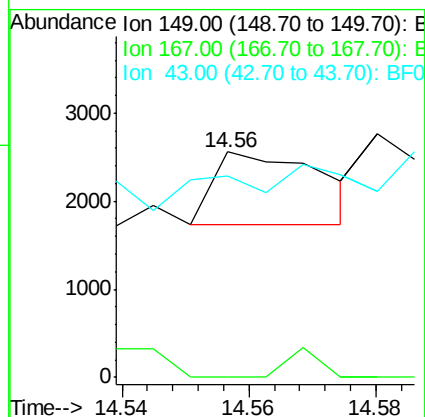
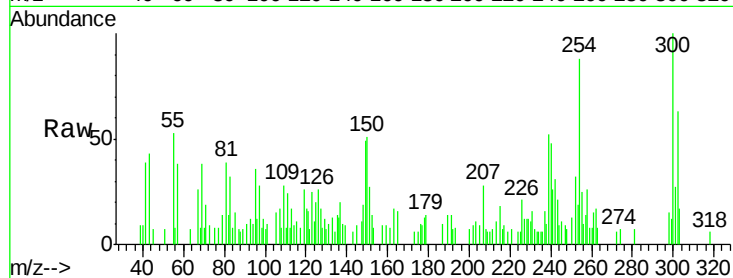
Acq: 5 Oct 2017 22:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	967
Ion Ratio	Lower	Upper
149	100	
167	0.0	1.2 1.8#
43	34.6	8.4 12.6#



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.39 ng

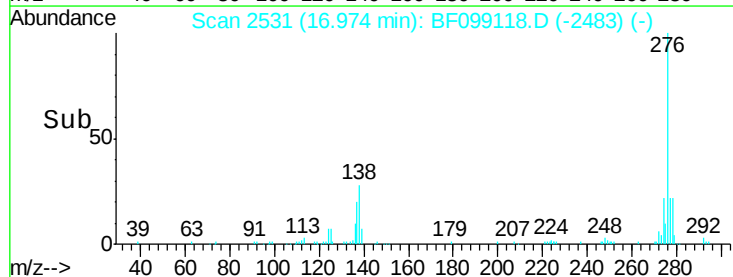
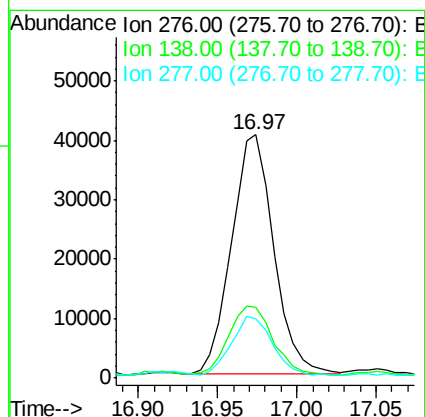
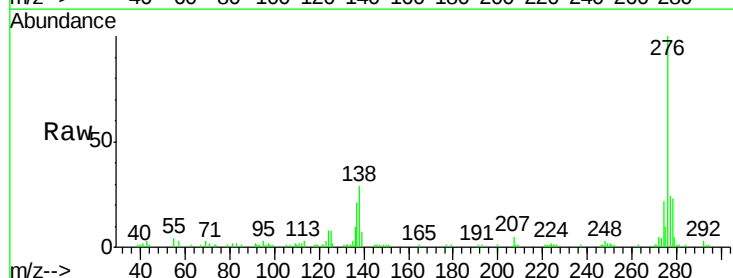
RT: 16.97 min Scan# 2531

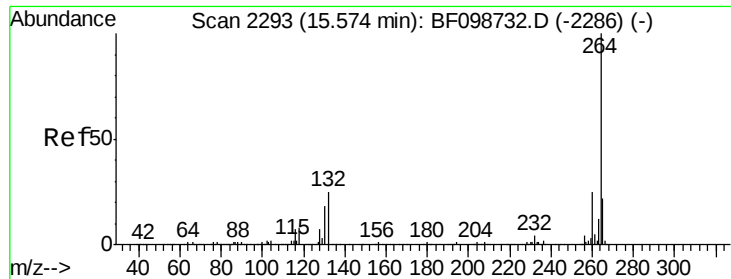
Delta R.T. -0.02 min

Lab File: BF099118.D

Acq: 5 Oct 2017 22:09

Tgt Ion:276	Resp:	74567
Ion Ratio	Lower	Upper
276	100	
138	32.6	25.0 37.6
277	24.7	20.1 30.1

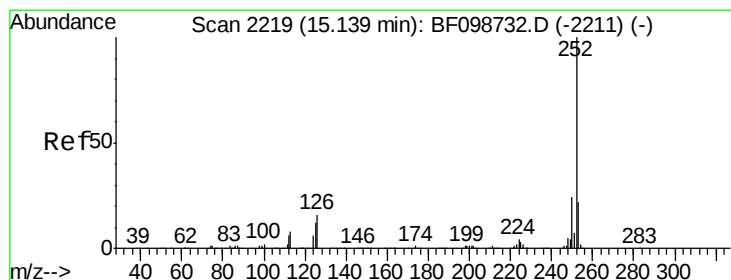
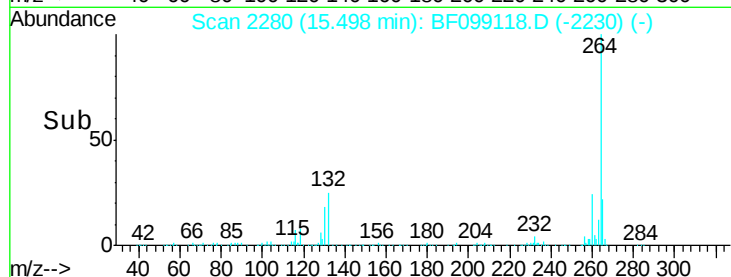
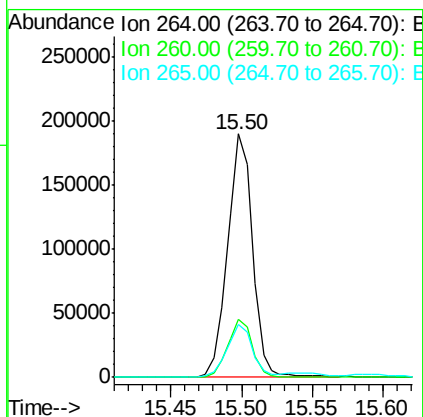
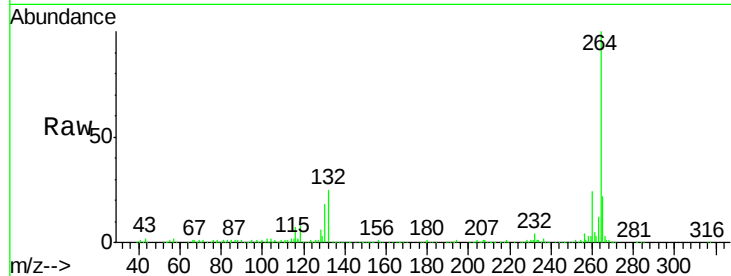




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

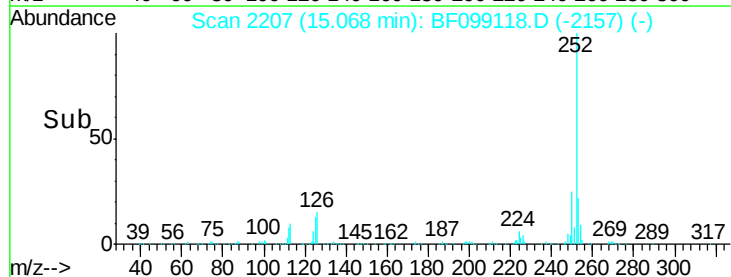
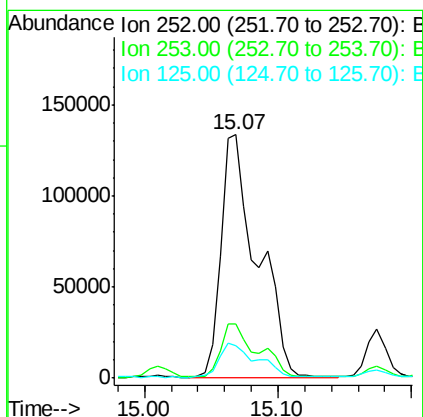
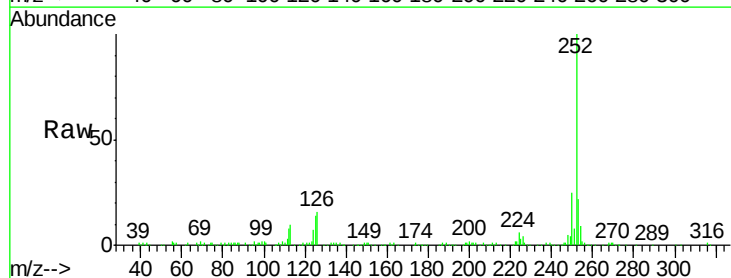
Instrument :
BNA_F
ClientSampled :

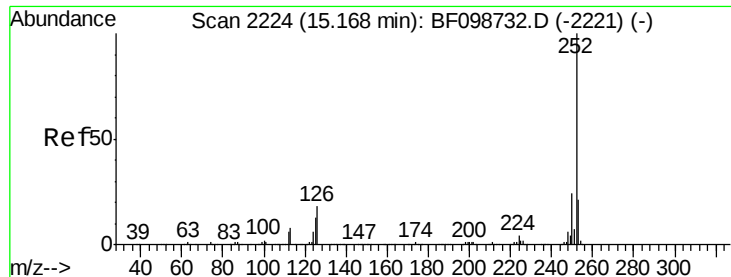
Tot Ion:264 Resp: 234761
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 17.52 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:252 Resp: 252928
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.5 9.0 13.6

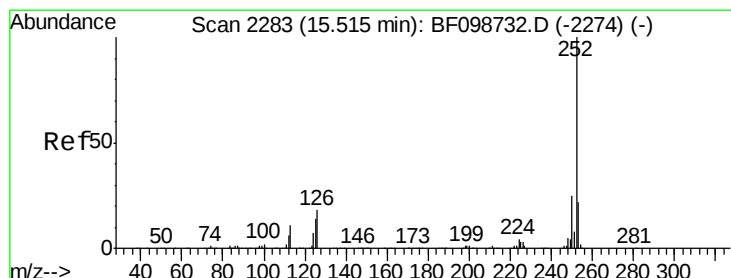
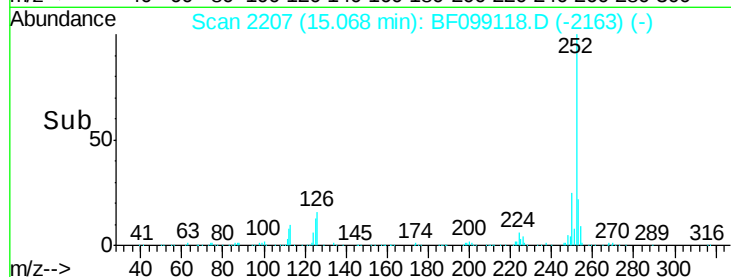
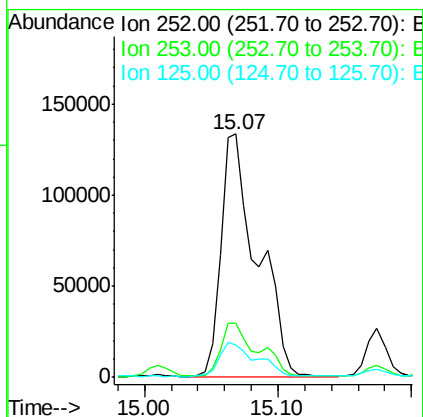
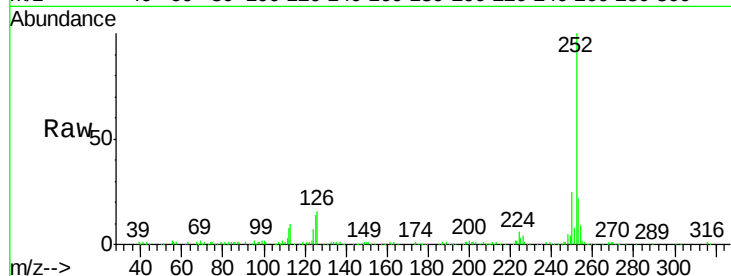




#88
Benzo(k)fluoranthene
Concen: 17.74 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

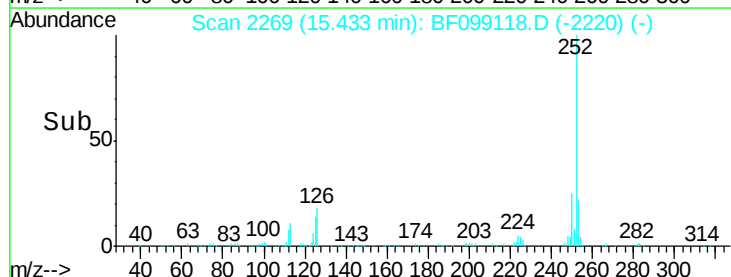
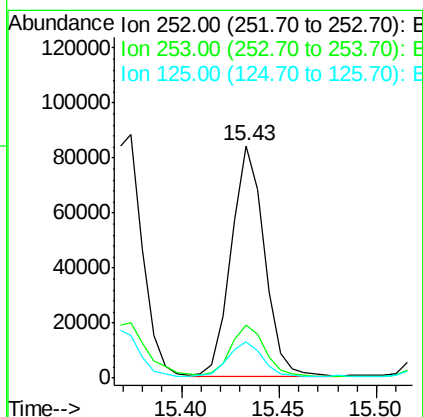
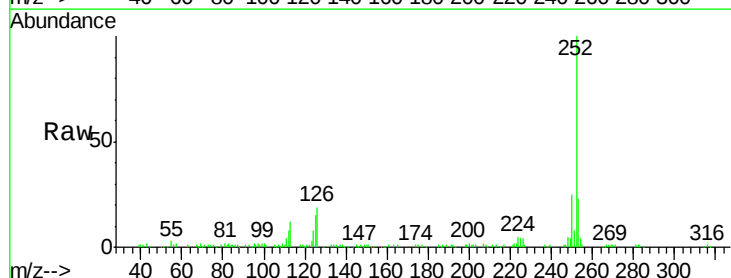
Instrument :
BNA_F
ClientSampleId :

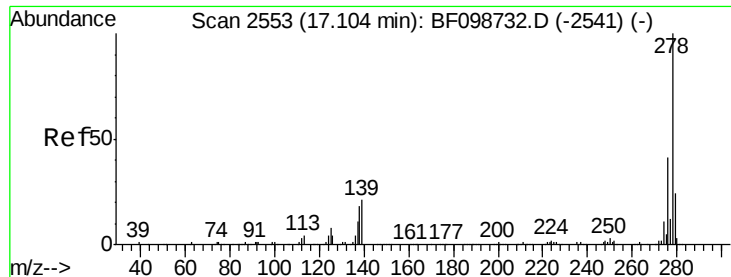
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 7.50 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	15.4	9.8	14.6#

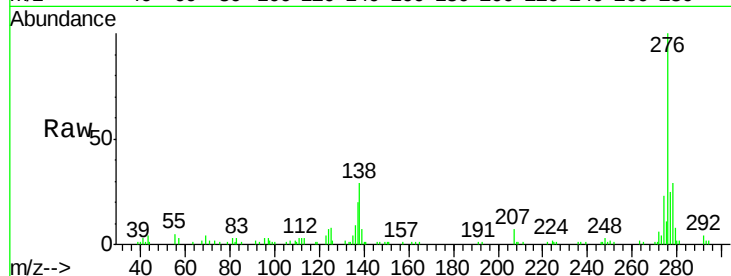




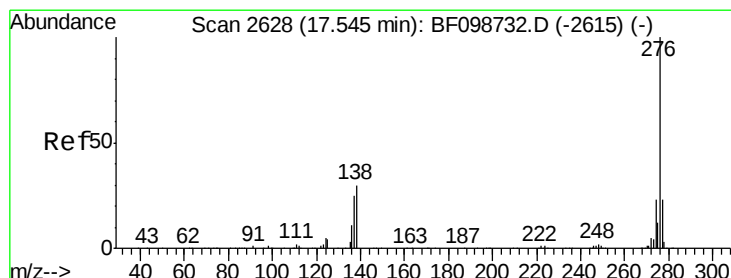
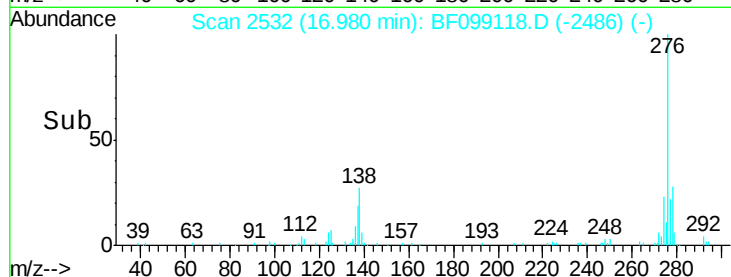
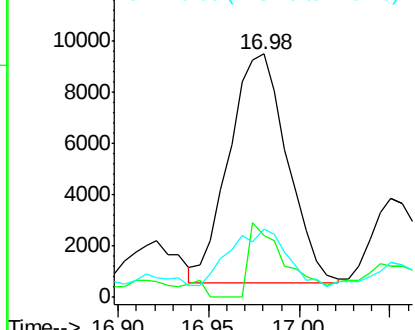
#90
Dibenzo(a,h)anthracene
Concen: 1.87 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.03 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 19825
Ion Ratio Lower Upper
278 100
139 25.3 15.9 23.9#
279 28.0 19.0 28.4

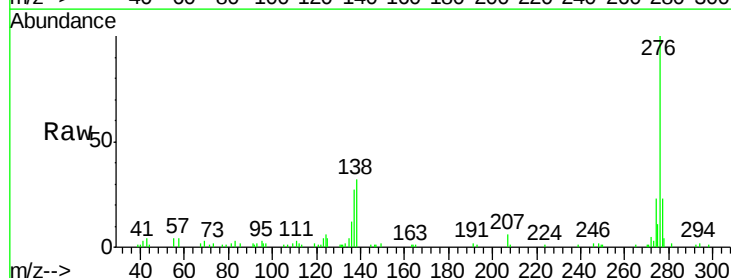


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 6.25 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF099118.D
Acq: 5 Oct 2017 22:09

Tgt Ion:276 Resp: 65468
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 31.8 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

