

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099123.D
 Acq On : 6 Oct 2017 00:30
 Operator : SJ/JU
 Sample : I5585-17 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 02:16:06 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	222956	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	912731	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	388455	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	597530	20.00	ng	0.00
75) Chrysene-d12	14.03	240	385722	20.00	ng	0.00
86) Perylene-d12	15.50	264	442687	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	144498	10.32	ng	-0.01
7) Phenol-d6	6.48	99	174040	10.07	ng	-0.02
23) Nitrobenzene-d5	7.42	82	97240	6.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	24433	7.69	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	193629	8.32	ng	-0.01
78) Terphenyl-d14	12.96	244	110012	6.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	156	0.02	ng	# 1
10) Phenol	6.49	94	3321	0.17	ng	# 60
15) Benzyl Alcohol	7.02	79	1761	0.14	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	11911	1.08	ng	# 77
25) Isophorone	7.42	82	97238	3.30	ng	# 64
28) bis(2-Chloroethoxy)methane	8.15	93	120	0.01	ng	# 1
31) Naphthalene	8.16	128	1149	0.03	ng	# 68
37) 2-Methylnaphthalene	8.86	142	756	0.03	ng	# 82
45) 1,1'-Biphenyl	9.32	154	334	0.01	ng	# 42
46) 2-Chloronaphthalene	9.61	162	120	0.00	ng	# 1
47) 2-Nitroaniline	9.22	65	109	0.01	ng	# 1
48) Acenaphthylene	9.76	152	942	0.02	ng	# 60
49) Dimethylphthalate	9.61	163	19491	0.66	ng	# 97
50) 2,6-Dinitrotoluene	9.90	165	49561	7.76	ng	# 25
51) Acenaphthene	9.90	154	1464	0.06	ng	# 4
54) Dibenzofuran	10.10	168	504	0.02	ng	# 45
56) 2,4-Dinitrotoluene	9.90	165	49561	5.98	ng	# 23
57) Fluorene	10.69	166	1388	0.05	ng	# 82
65) n-Nitrosodiphenylamine	10.68	169	930	0.04	ng	# 39
66) 4-Bromophenyl-phenylether	10.69	248	1685	0.29	ng	# 1
70) Phenanthrene	11.41	178	4075	0.13	ng	# 97
71) Anthracene	11.41	178	4075	0.12	ng	# 96
72) Carbazole	11.62	167	310	0.01	ng	# 59
73) Di-n-butylphthalate	11.94	149	133	0.00	ng	# 78
74) Fluoranthene	12.60	202	5816	0.18	ng	# 97
76) Benzydine	12.96	184	1357	0.10	ng	# 77
77) Pyrene	12.83	202	5712	0.19	ng	# 98
79) Butylbenzylphthalate	13.52	149	107	0.01	ng	# 23
80) Benzo(a)anthracene	14.02	228	4649	0.20	ng	# 84
82) Chrysene	14.05	228	3437	0.15	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.99	149	235	0.01	ng	# 57
84) Di-n-octyl phthalate	14.63	149	584	0.02	ng	# 70
85) Indeno(1,2,3-cd)pyrene	16.96	276	3222	0.18	ng	# 89
87) Benzo(b)fluoranthene	15.06	252	8343	0.31	ng	# 89

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099123.D
Acq On : 6 Oct 2017 00:30
Operator : SJ/JU
Sample : I5585-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 06 02:16:06 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

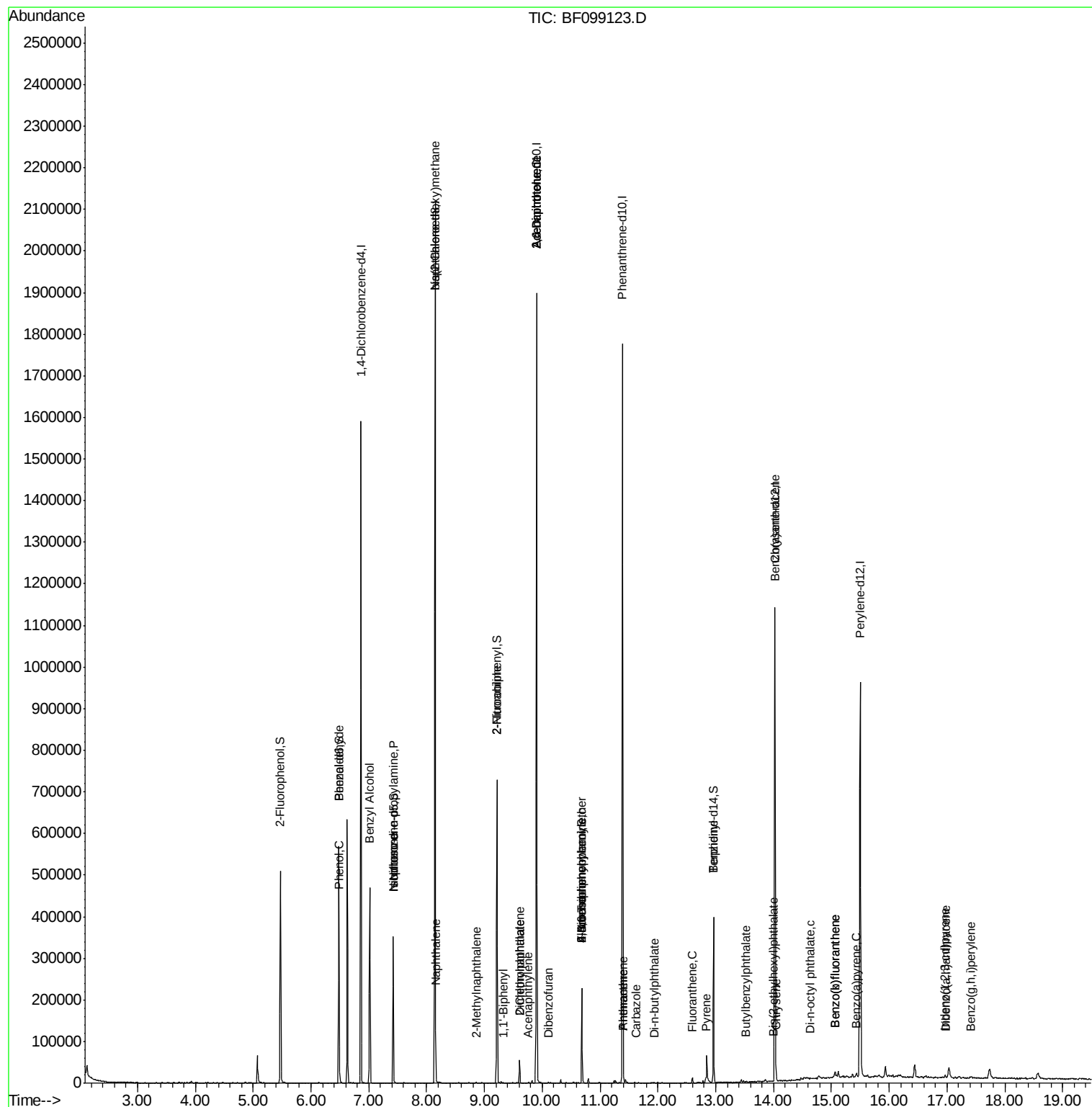
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	15.06	252	8343	0.31	ng	# 92
89) Benzo(a)pyrene	15.43	252	3920	0.16	ng	# 80
90) Dibenzo(a,h)anthracene	16.98	278	728	0.04	ng	# 54
91) Benzo(g,h,i)perylene	17.42	276	3287	0.17	ng	94

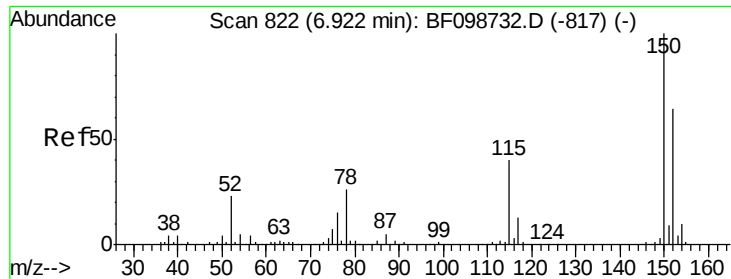
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099123.D
Acq On : 6 Oct 2017 00:30
Operator : SJ/JU
Sample : I5585-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 06 02:16:06 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



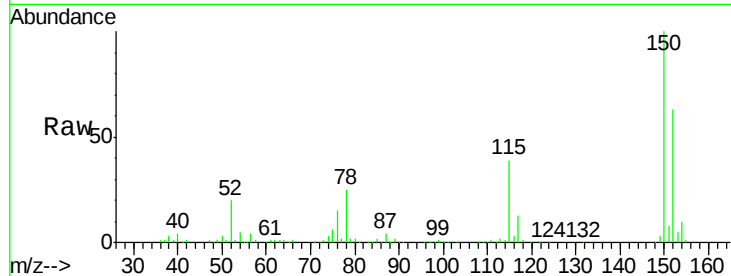


#1

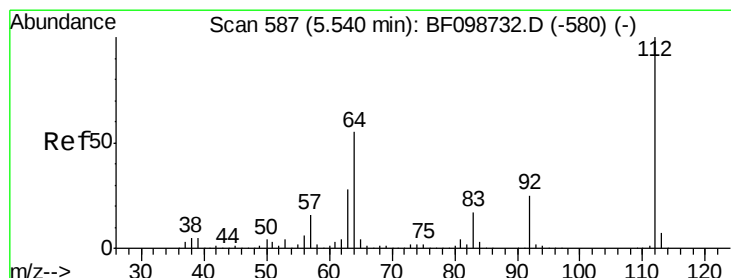
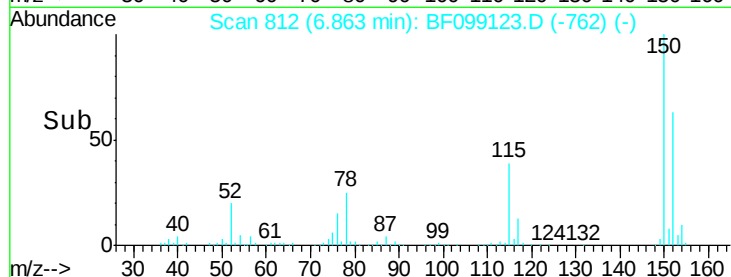
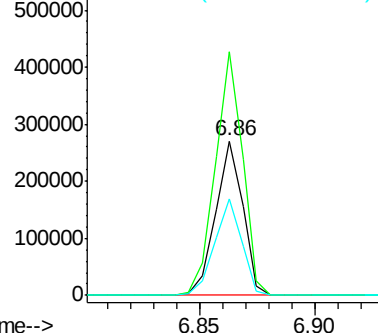
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 222956
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.1 50.1 75.1



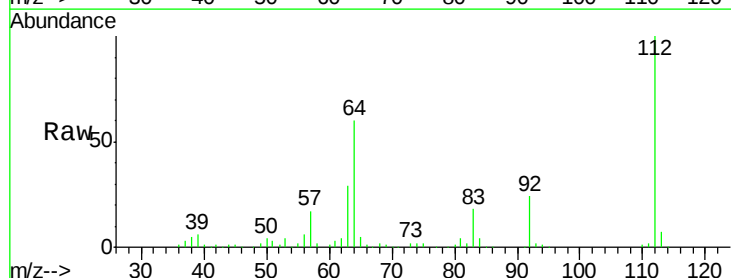
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



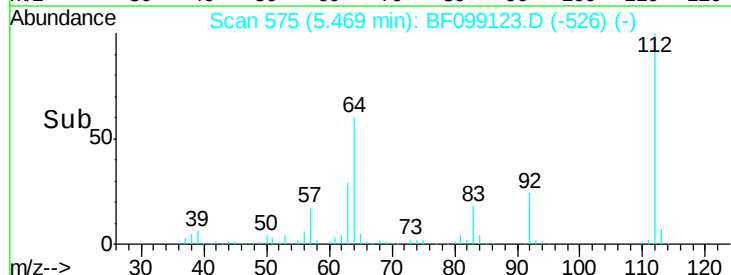
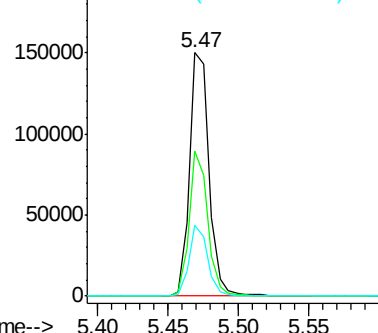
#5

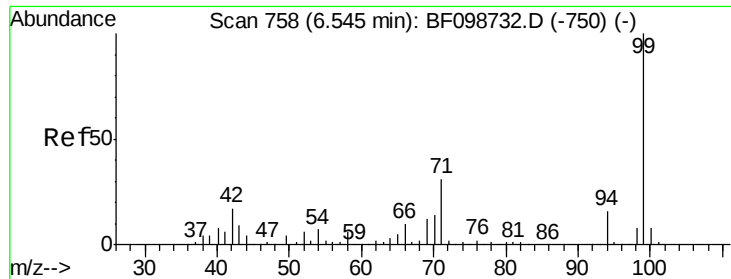
2-Fluorophenol
Concen: 10.32 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:112 Resp: 144498
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.07 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampled :

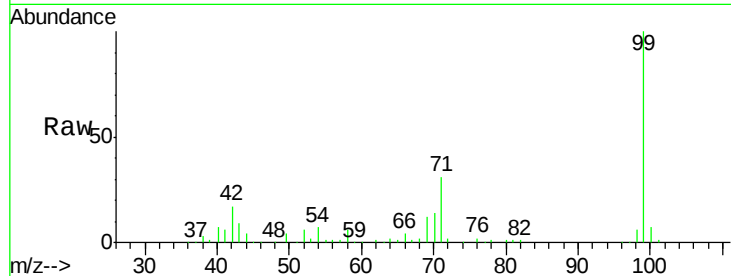
Tot Ion: 99 Resp: 174040

Ion Ratio Lower Upper

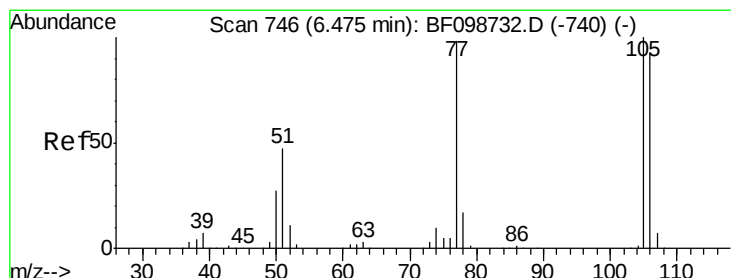
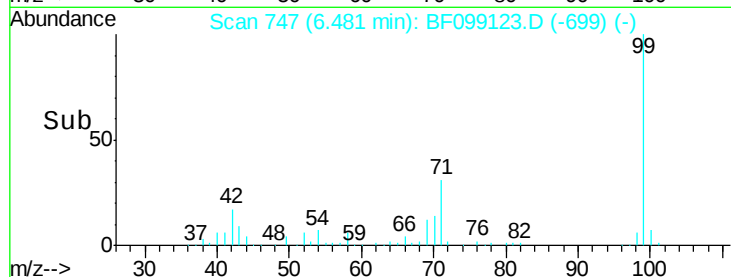
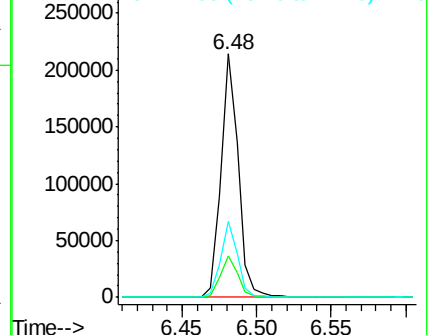
99 100

42 17.0 14.5 21.7

71 31.0 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: 0.02 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.06 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

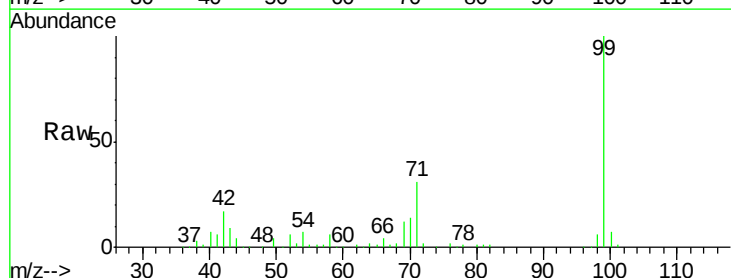
Tgt Ion: 77 Resp: 156

Ion Ratio Lower Upper

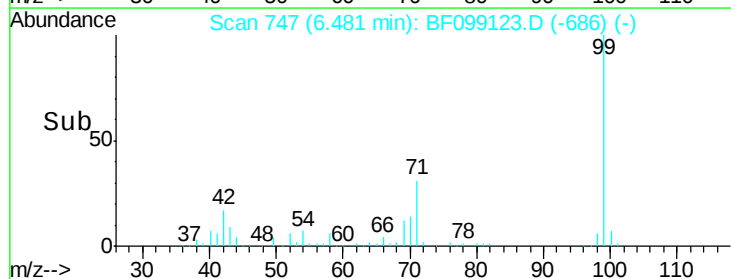
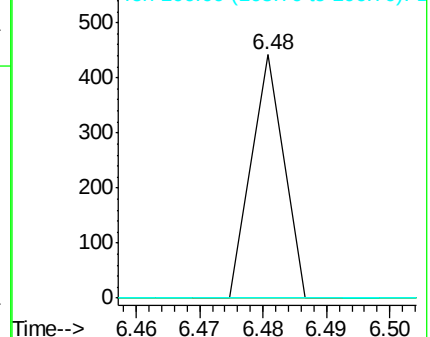
77 100

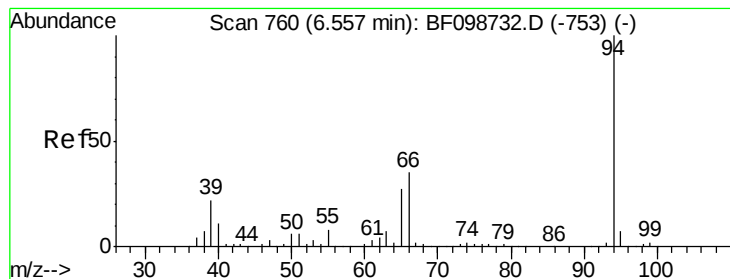
105 0.0 81.1 121.1#

106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.17 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

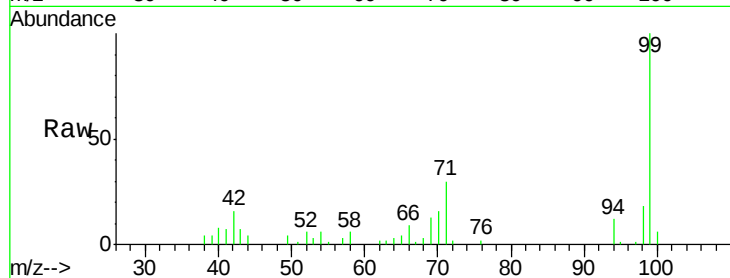
Tot Ion: 94 Resp: 3321

Ion Ratio Lower Upper

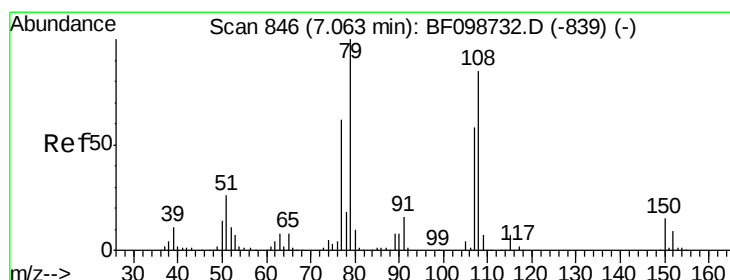
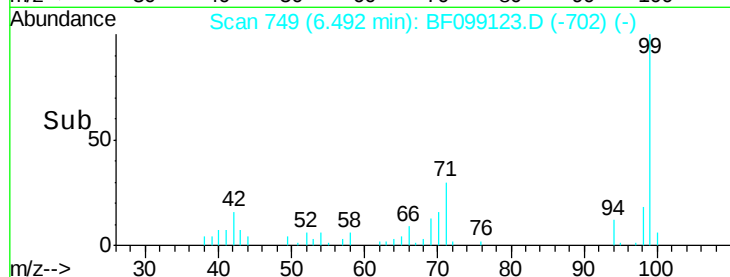
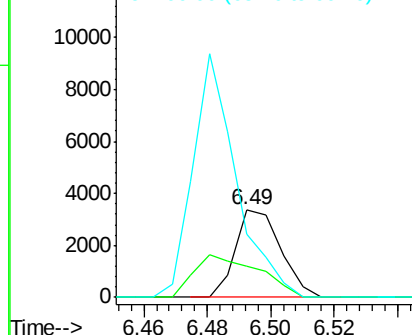
94 100

65 35.5 7.9 47.9

66 71.5 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



#15

Benzyl Alcohol

Concen: 0.14 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

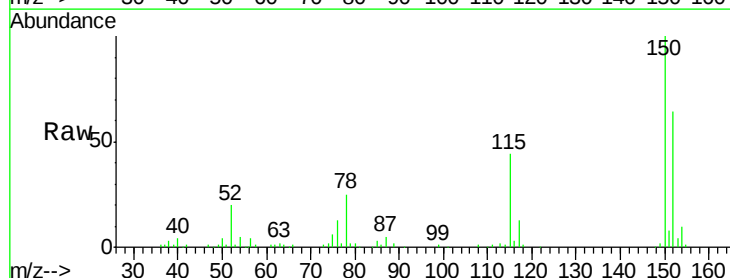
Tgt Ion: 79 Resp: 1761

Ion Ratio Lower Upper

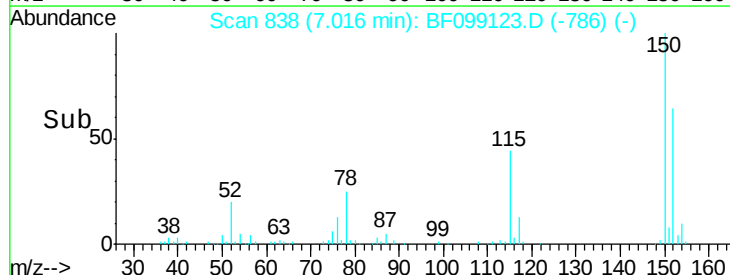
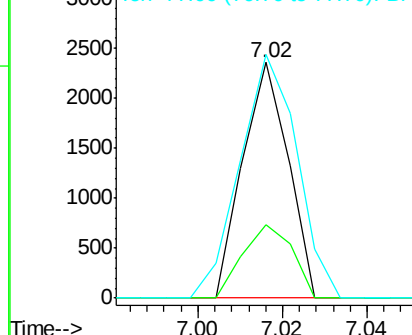
79 100

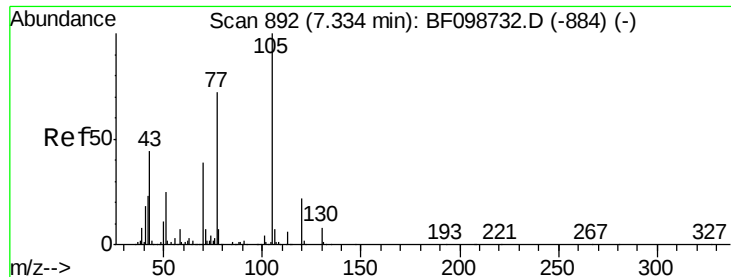
108 31.3 65.1 97.7#

77 103.4 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

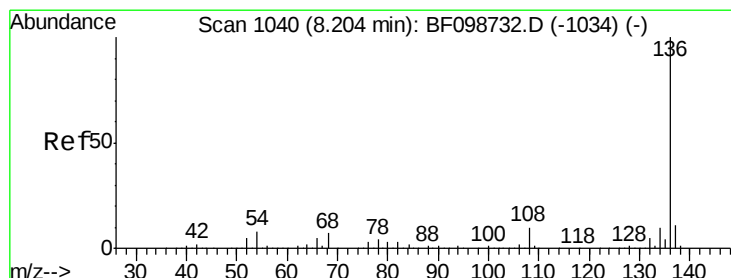
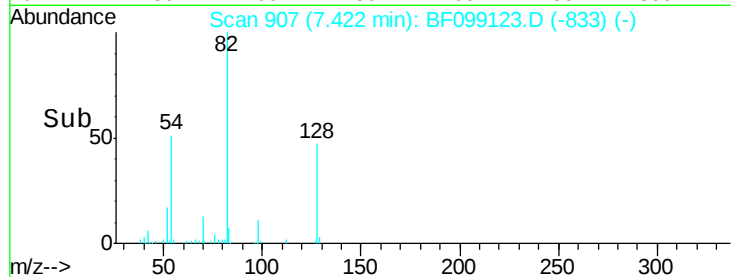
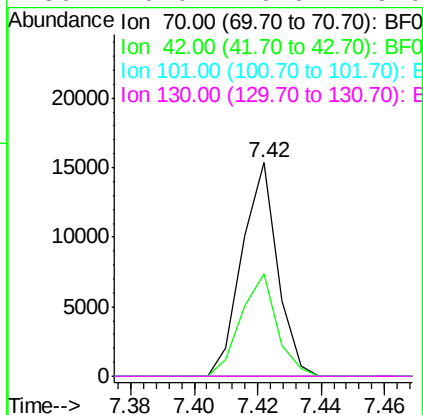
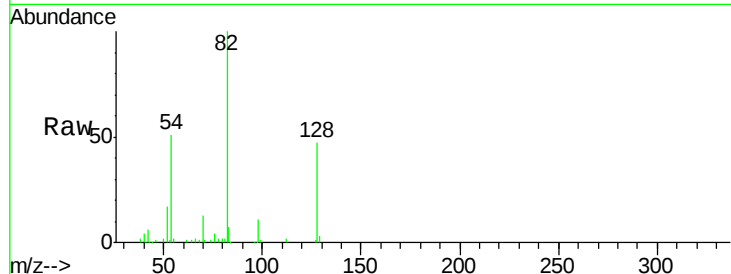




#19
n-Nitroso-di-n-propylamine
Concen: 1.08 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

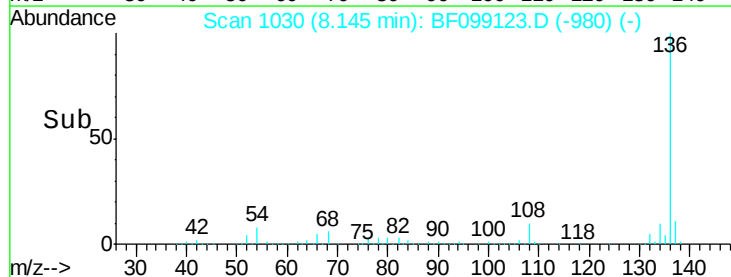
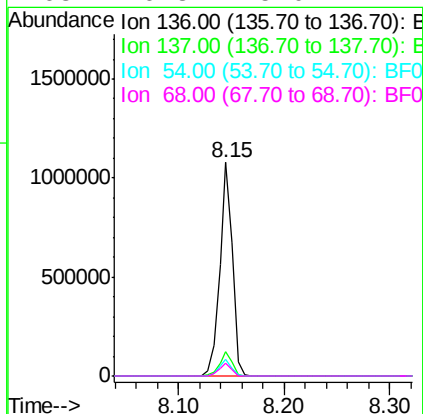
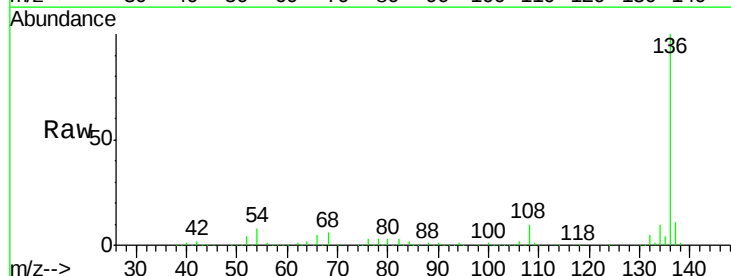
Instrument :
BNA_F
ClientSampleId :

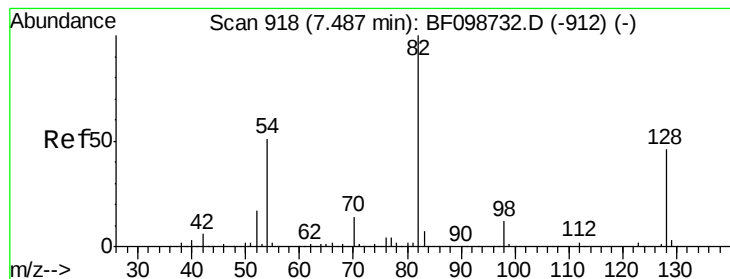
Tot Ion: 70 Resp: 11911
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:136 Resp: 912731
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 6.83 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

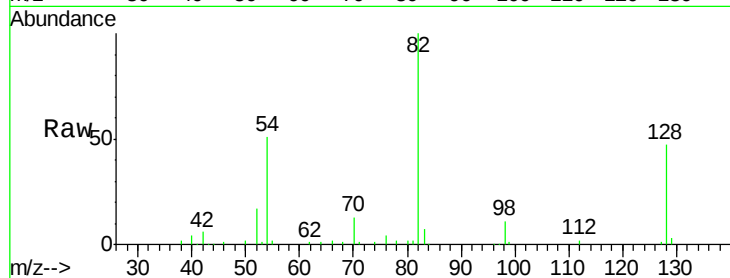
Tot Ion: 82 Resp: 97240

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

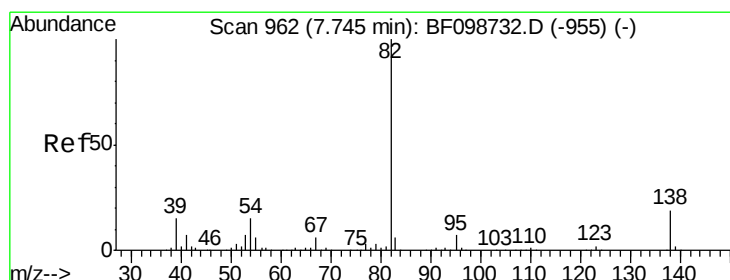
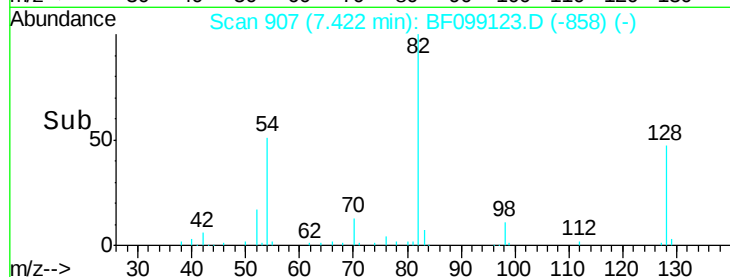
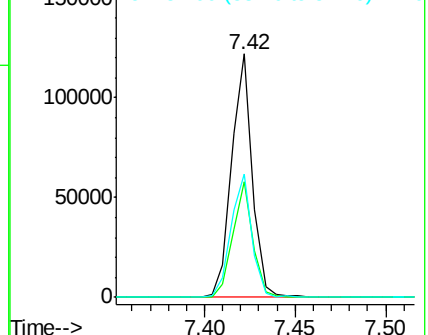
54 50.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 3.30 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

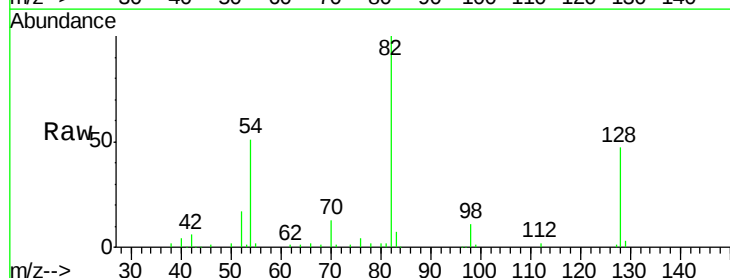
Tgt Ion: 82 Resp: 97238

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

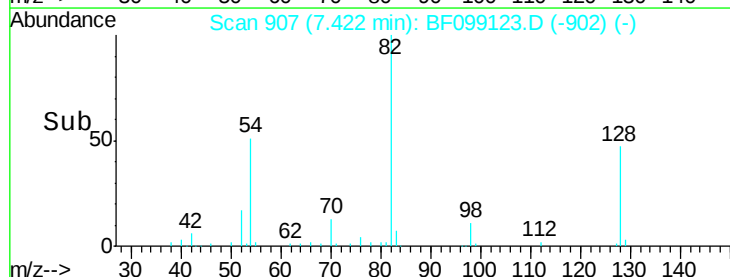
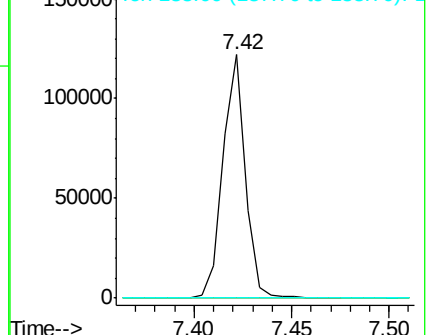
138 0.0 14.9 22.3#

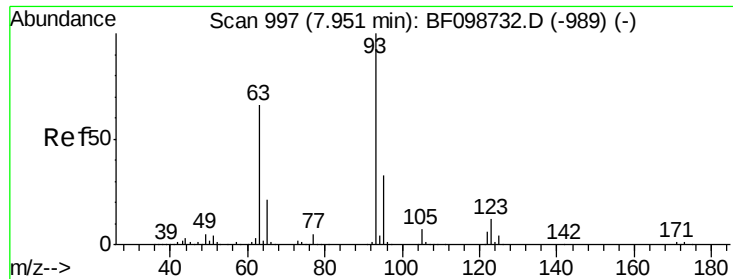


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

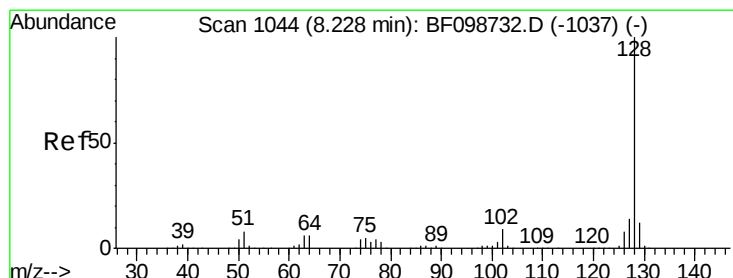
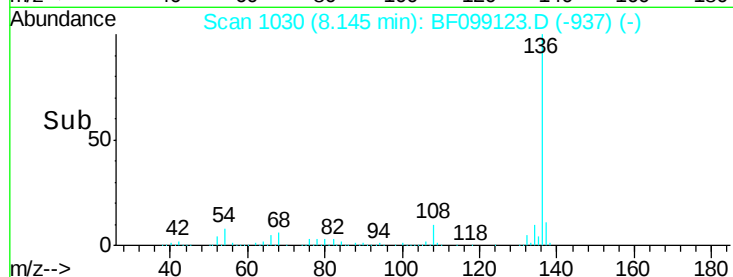
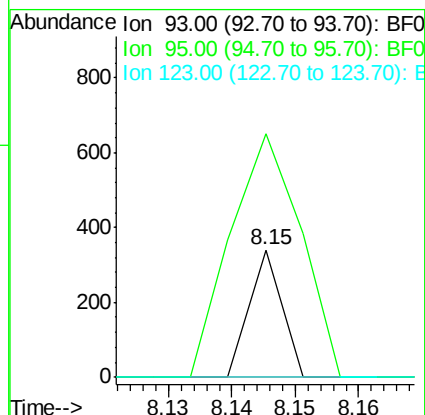
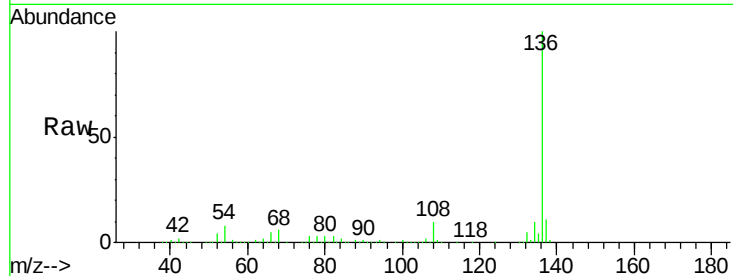




#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.25 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

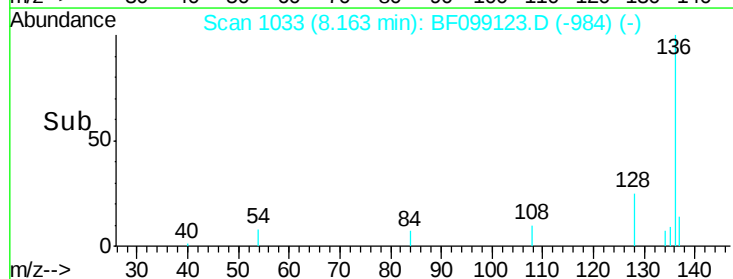
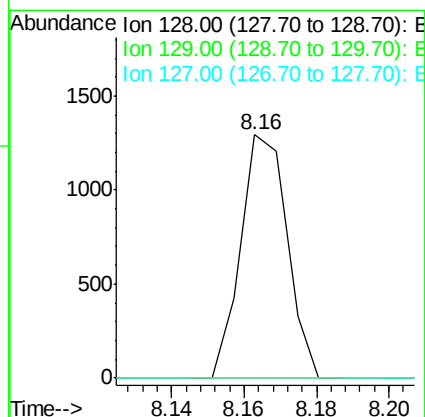
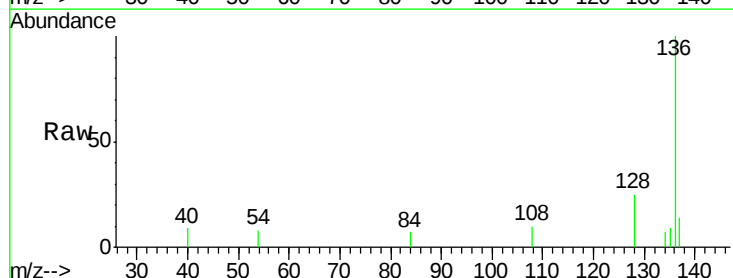
Instrument :
BNA_F
ClientSampleId :

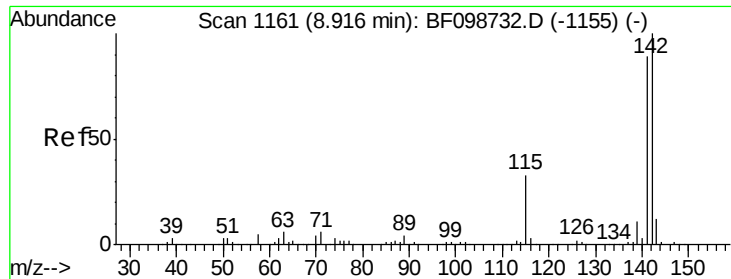
Tot Ion: 93 Resp: 120
Ion Ratio Lower Upper
93 100
95 190.9 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.03 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion: 128 Resp: 1149
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#





#37

2-Methylnaphthalene

Concen: 0.03 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

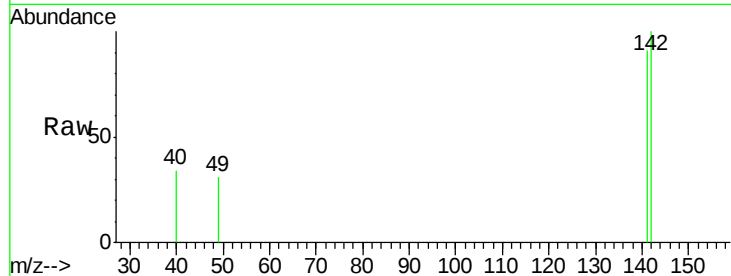
Tot Ion:142 Resp: 756

Ion Ratio Lower Upper

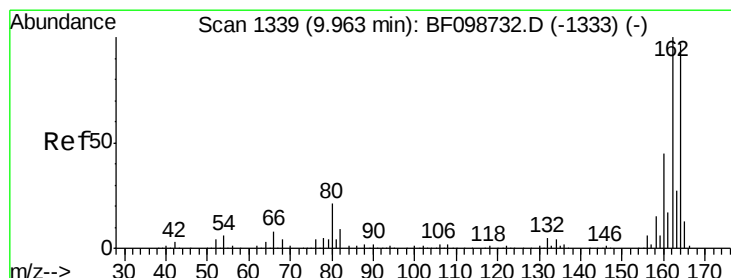
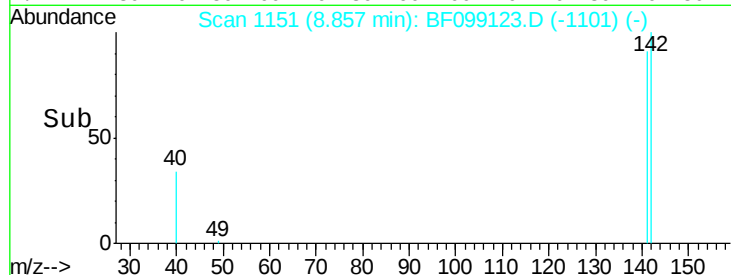
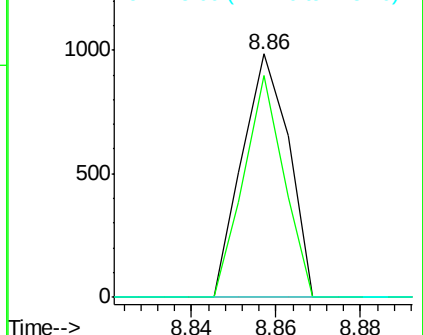
142 100

141 91.0 70.8 106.2

115 0.0 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: BF099123.D

Acq: 6 Oct 2017 00:30

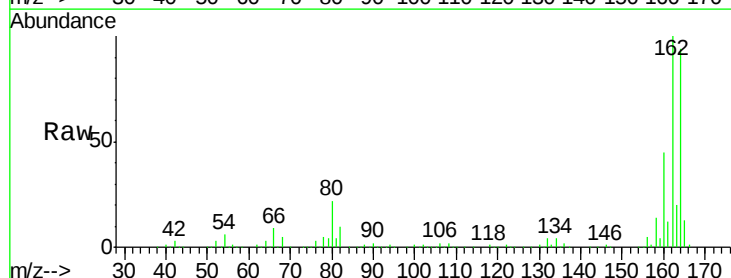
Tgt Ion:164 Resp: 388455

Ion Ratio Lower Upper

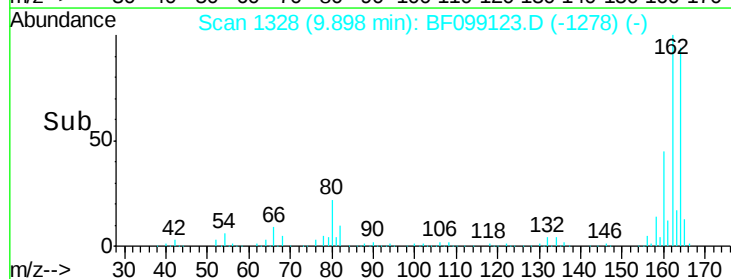
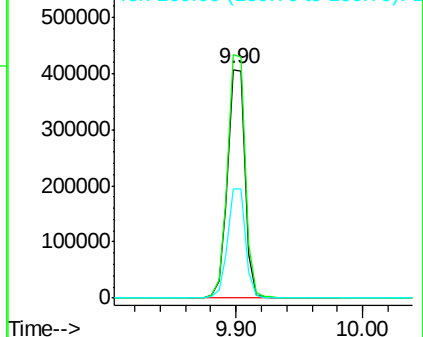
164 100

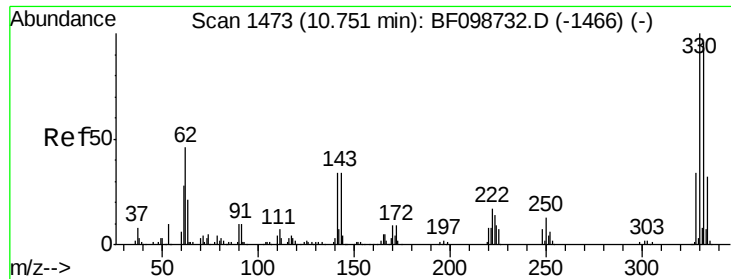
162 106.5 86.1 129.1

160 47.8 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

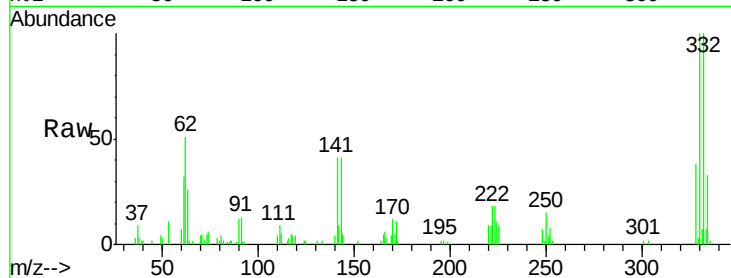




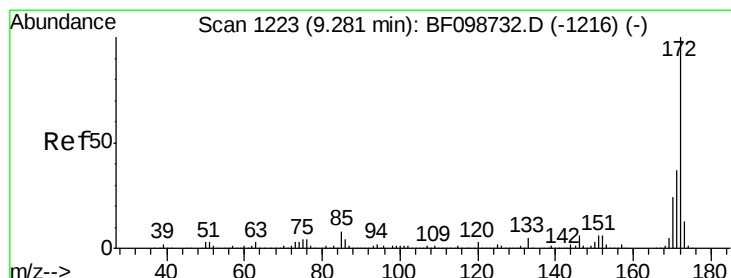
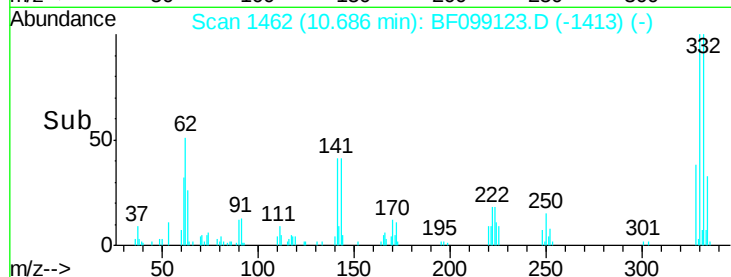
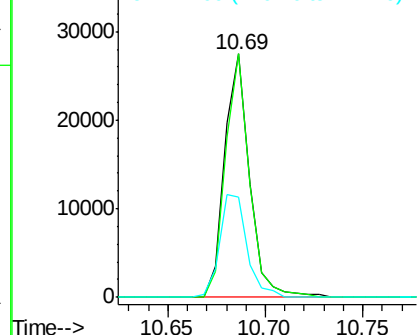
#41
 2,4,6-Tribromophenol
 Concen: 7.69 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 24433
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.2 29.9 44.9#

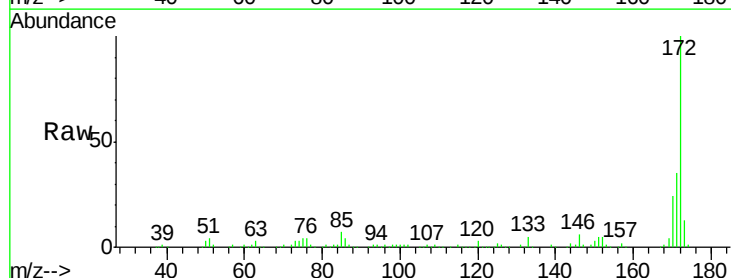


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

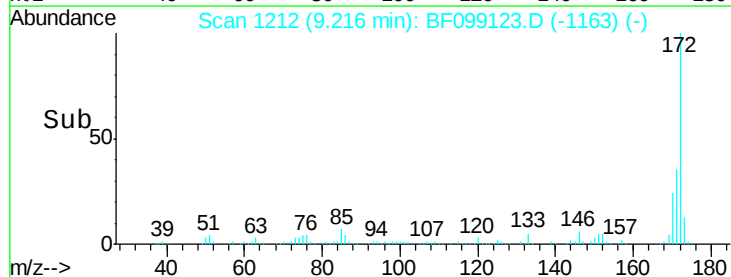
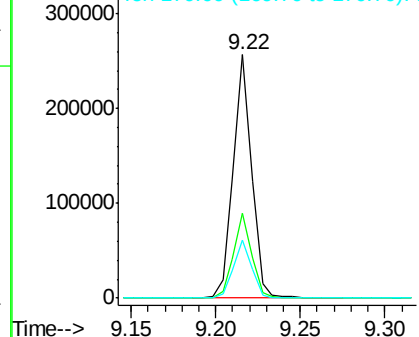


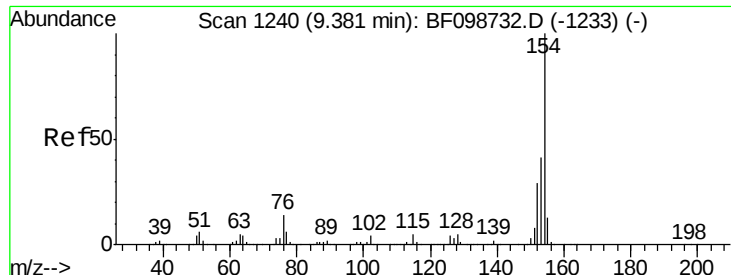
#44
 2-Fluorobiphenyl
 Concen: 8.32 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Tgt Ion:172 Resp: 193629
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.8 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

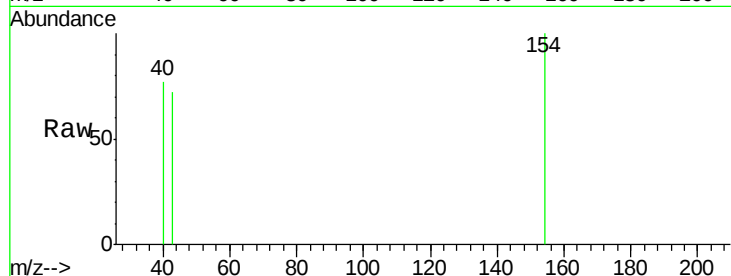




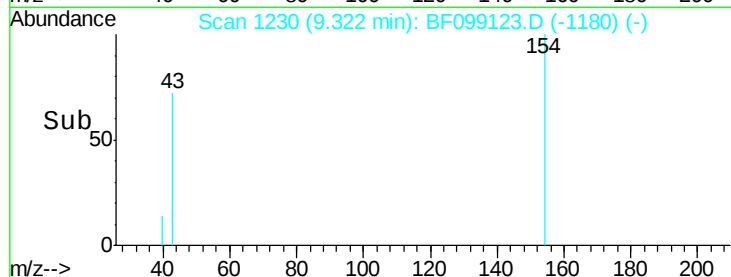
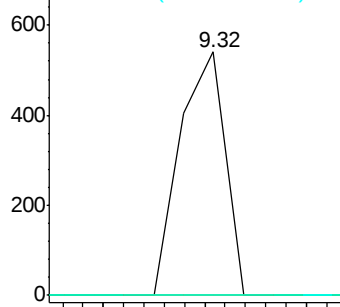
#45
 1,1'-Biphenyl
 Concen: 0.01 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 334
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.3 61.3#
 76 0.0 0.0 34.0

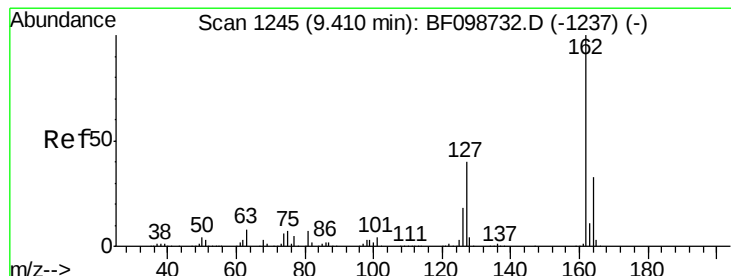


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

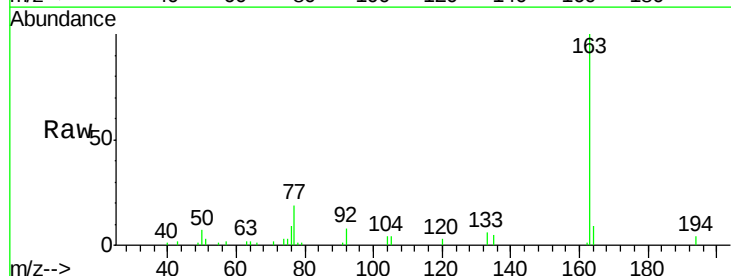
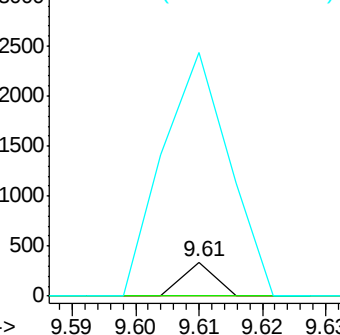


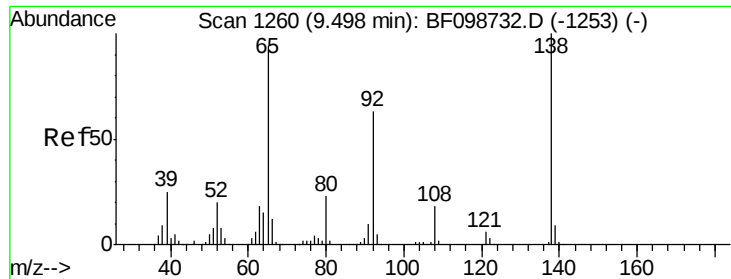
#46
 2-Chloronaphthalene
 Concen: 0.00 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.25 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Tgt Ion:162 Resp: 120
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 716.2 26.5 39.7#



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

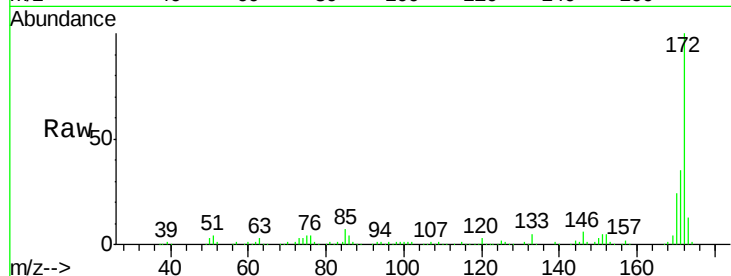




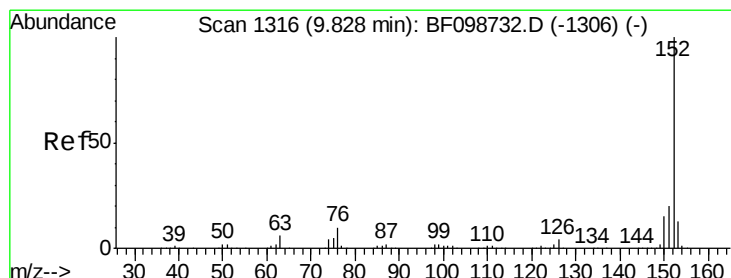
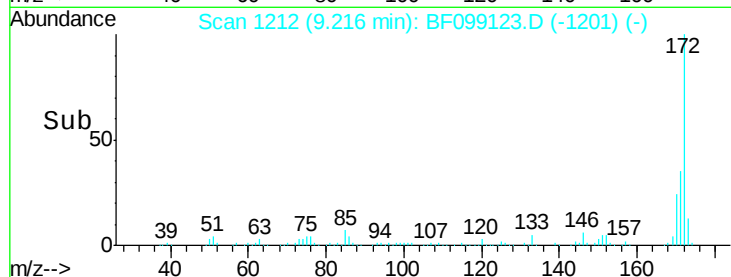
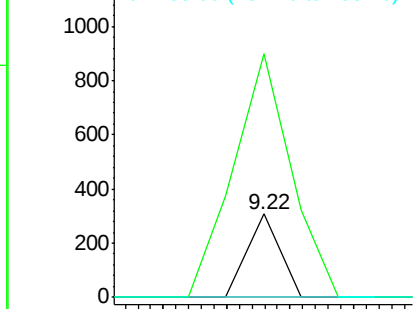
#47
2-Nitroaniline
Concen: 0.01 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.24 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	291.9	55.8	83.6#
138	0.0	91.2	136.8#

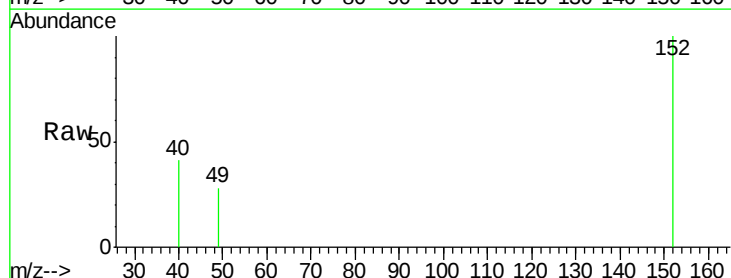


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

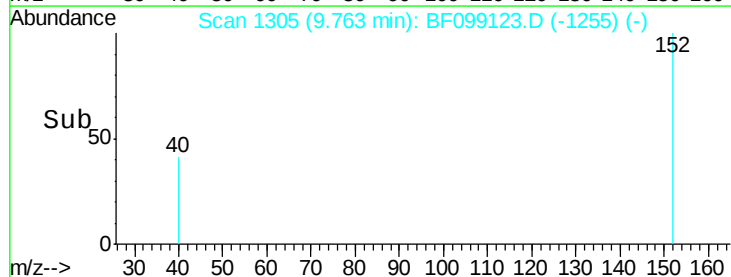
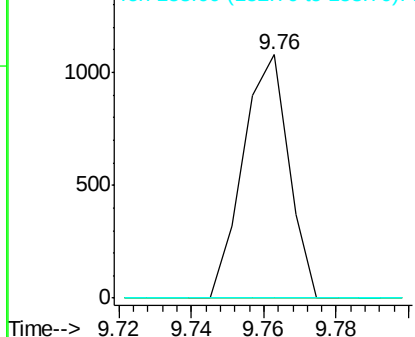


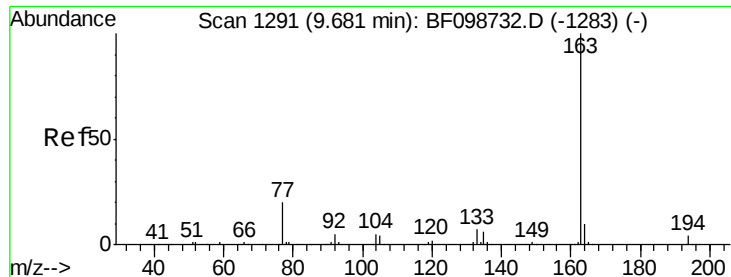
#48
Acenaphthylene
Concen: 0.02 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	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

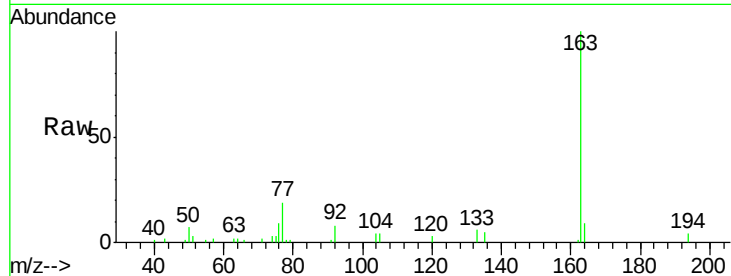




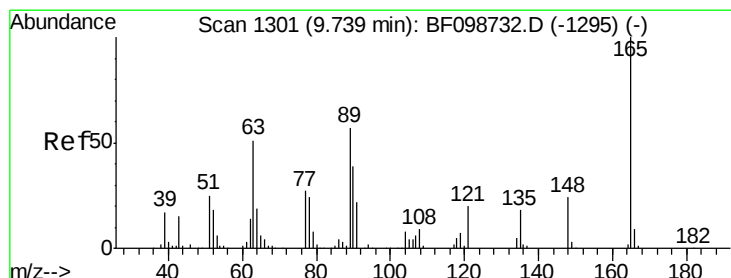
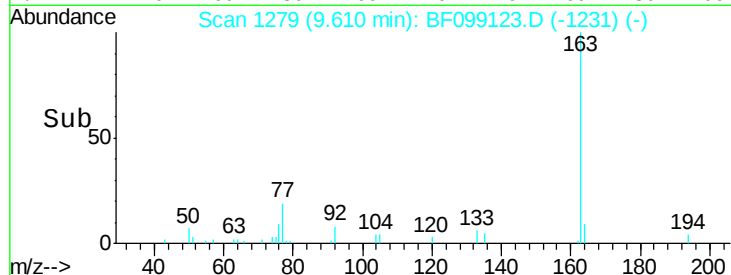
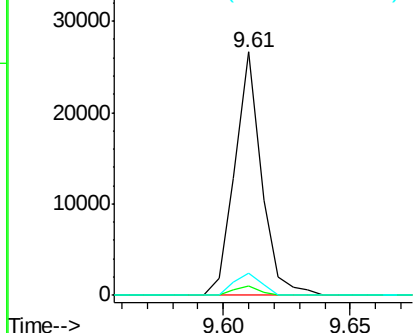
#49
Dimethylphthalate
Concen: 0.66 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 19491
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.1 8.2 12.2

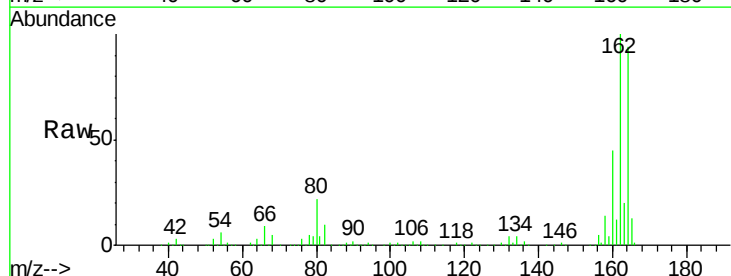


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

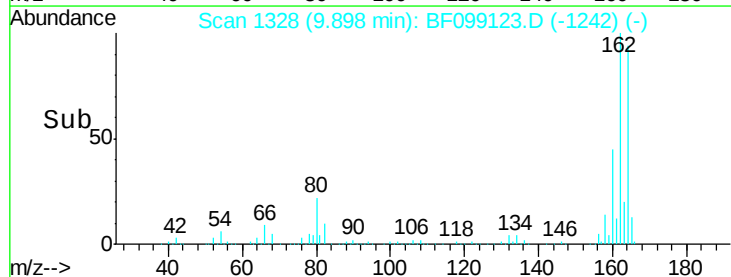
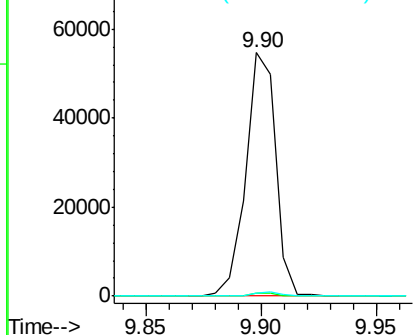


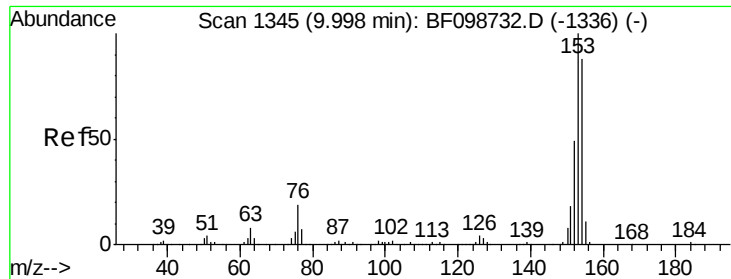
#50
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:165 Resp: 49561
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.1 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: 0.06 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.05 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

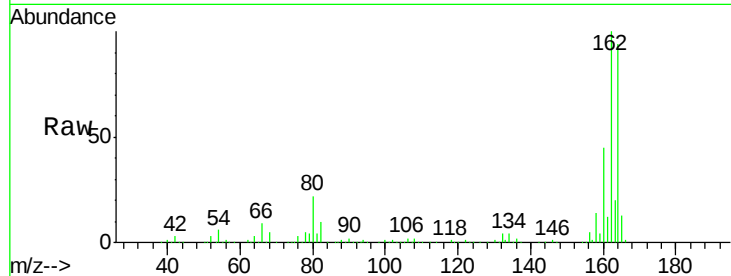
Tot Ion:154 Resp: 1464

Ion Ratio Lower Upper

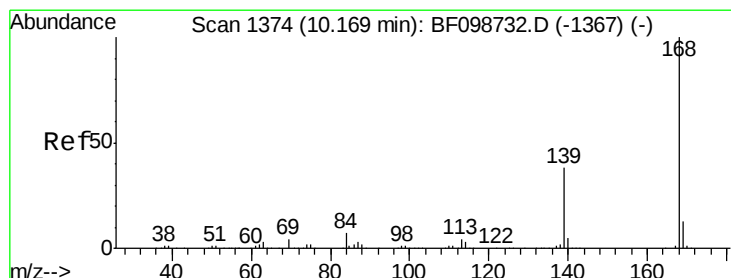
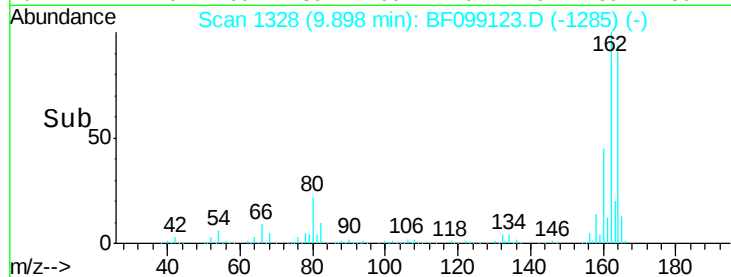
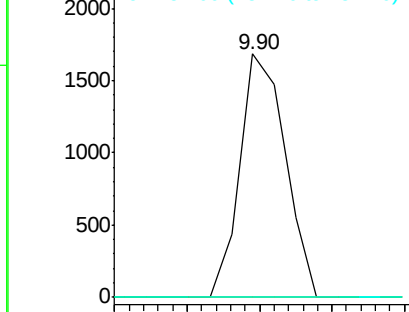
154 100

153 0.0 91.2 136.8#

152 0.0 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: 0.02 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

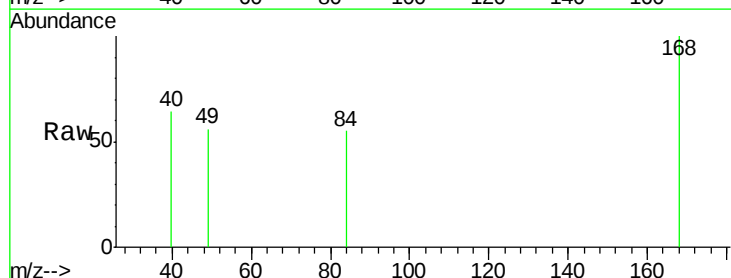
Tgt Ion:168 Resp: 504

Ion Ratio Lower Upper

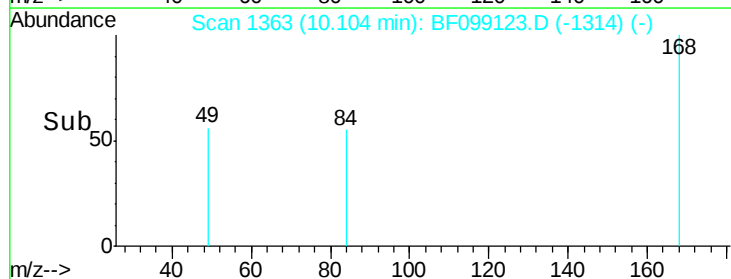
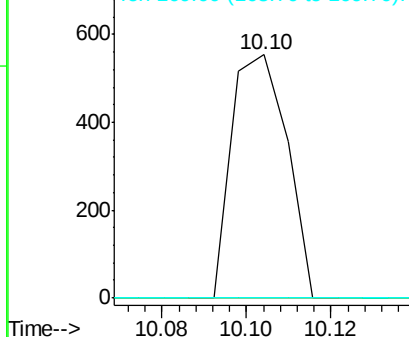
168 100

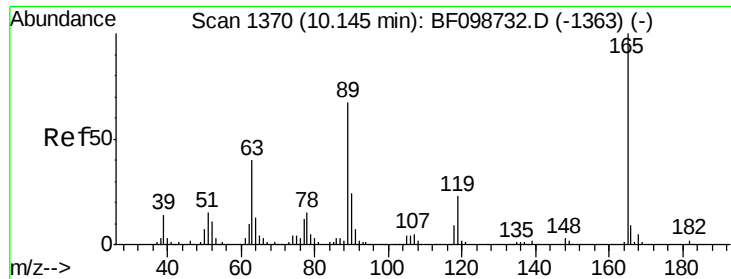
139 0.0 30.1 45.1#

169 0.0 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

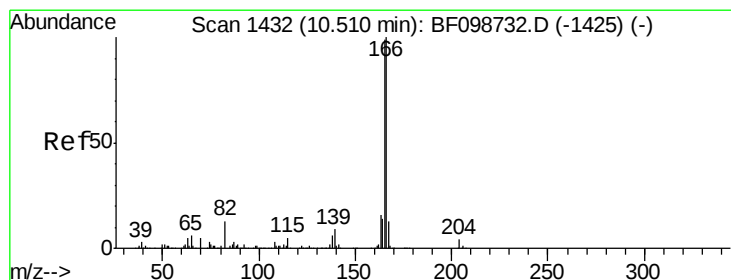
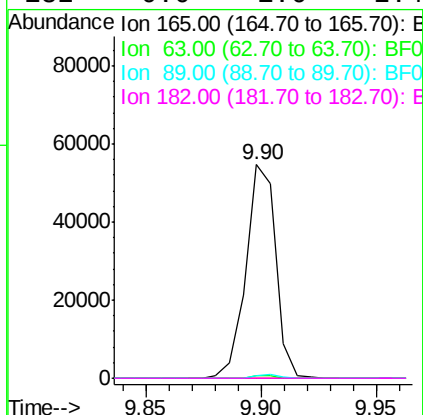
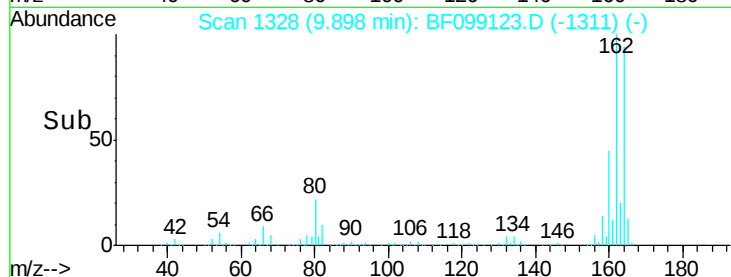
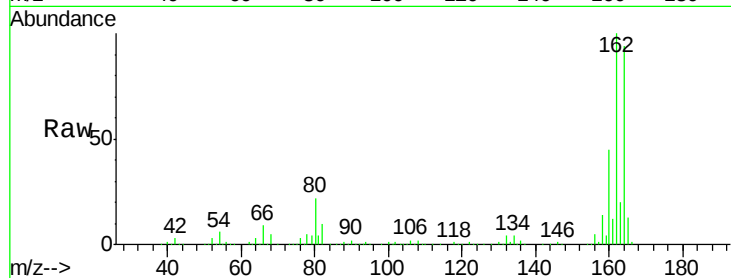




#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

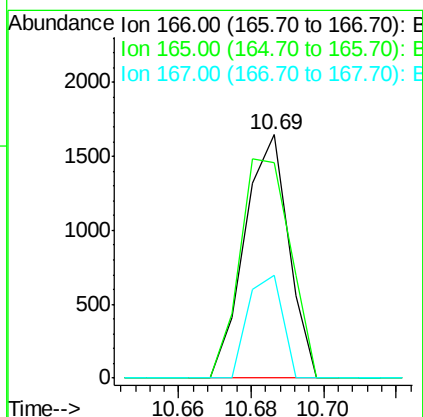
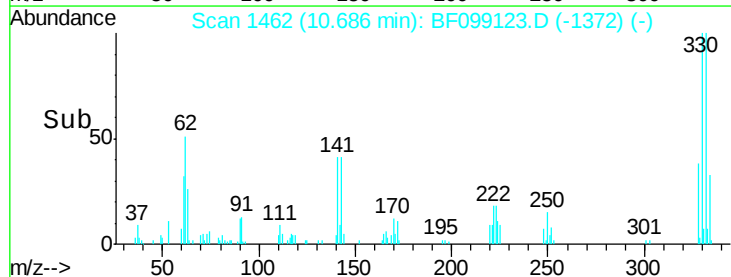
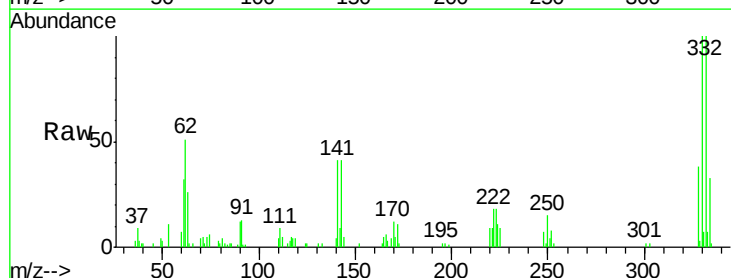
Instrument :
BNA_F
ClientSampleId :

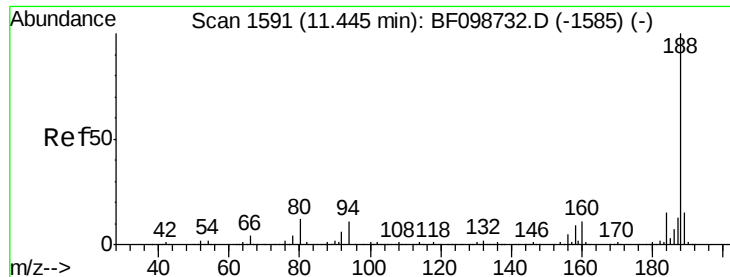
Tot Ion:165	Resp:	49561
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#57
Fluorene
Concen: 0.05 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.23 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:166	Resp:	1388
Ion Ratio	Lower	Upper
166	100	
165	88.7	79.8 119.8
167	42.1	10.6 16.0#

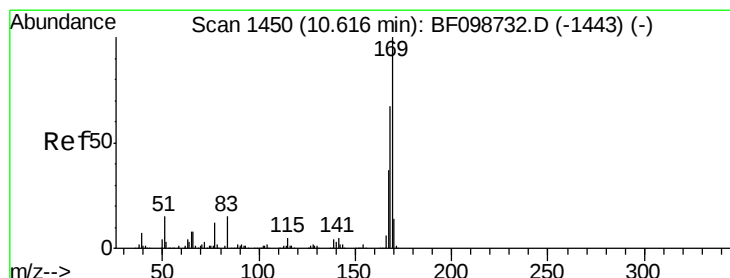
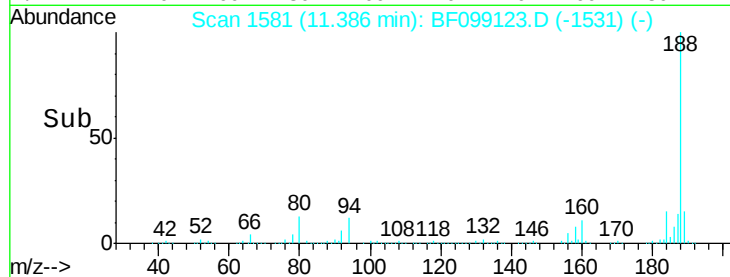
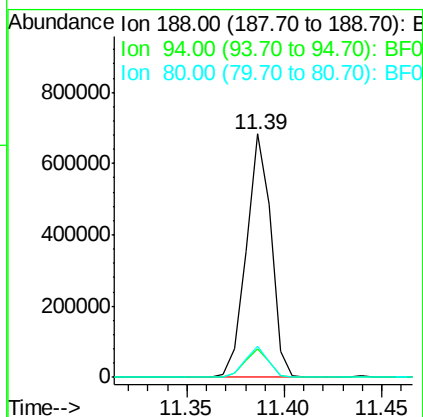
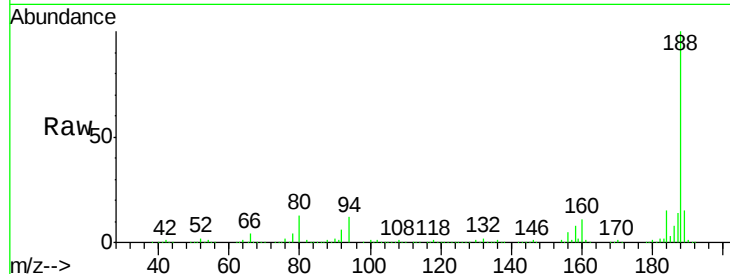




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

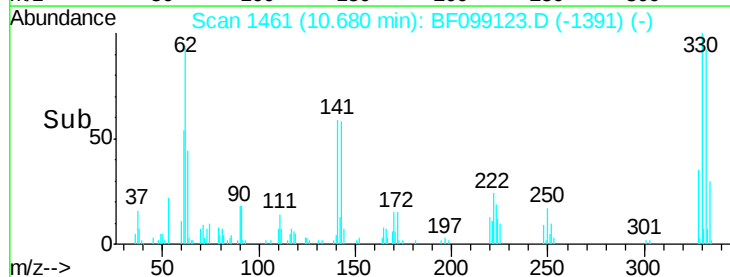
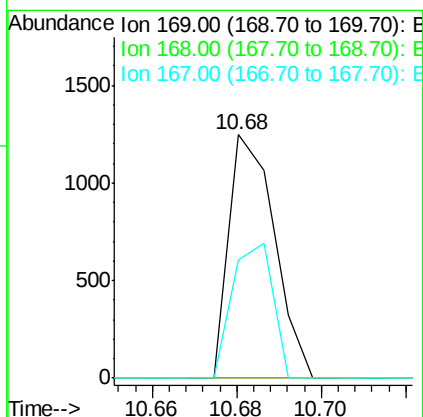
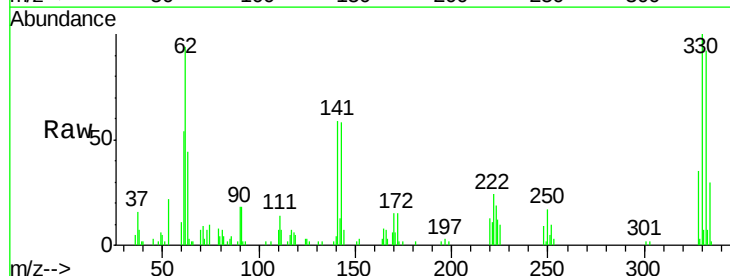
Instrument :
BNA_F
ClientSampleId :

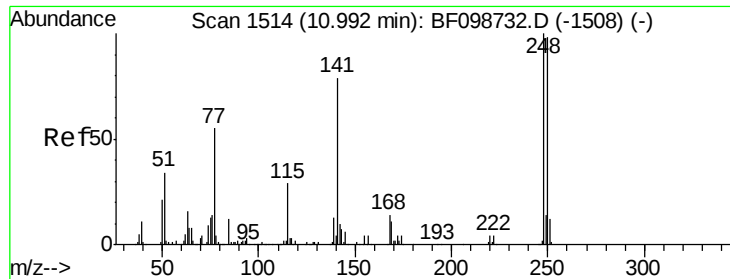
Tot Ion:188 Resp: 597530
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.5 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.04 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.11 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:169 Resp: 930
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 48.4 29.8 44.6#

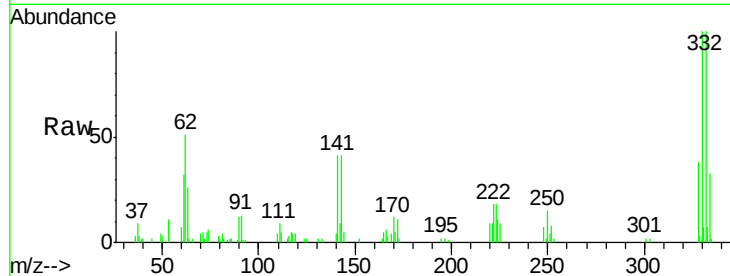




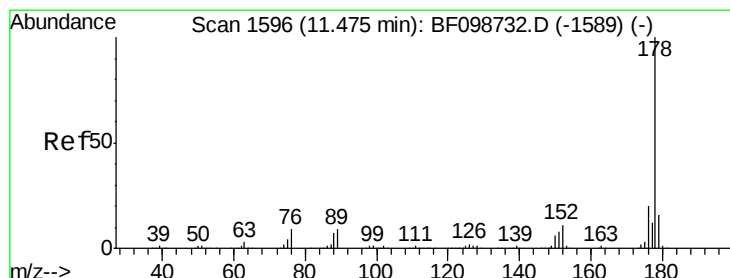
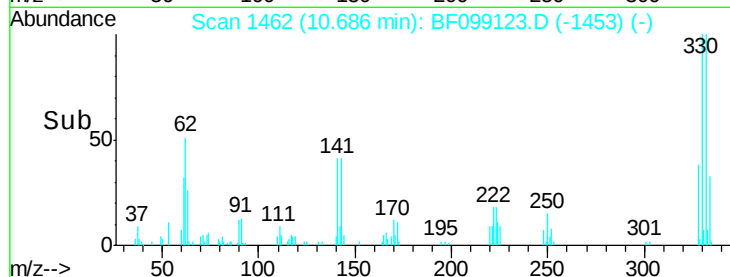
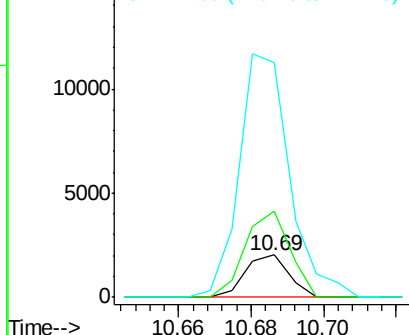
#66
 4-Bromophenyl-phenylether
 Concen: 0.29 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 1685
 Ion Ratio Lower Upper
 248 100
 250 204.8 76.9 115.3#
 141 556.7 74.4 111.6#

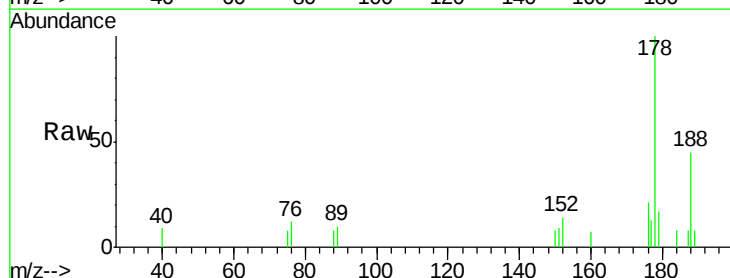


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

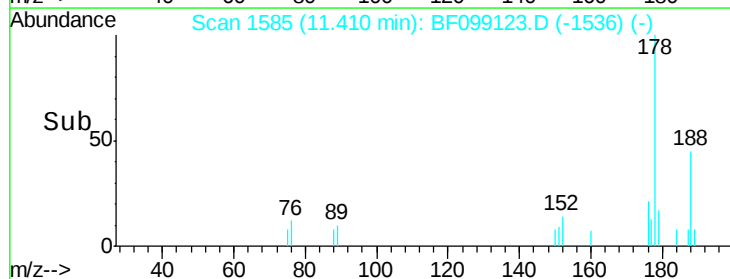
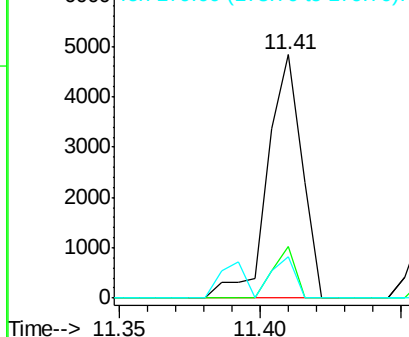


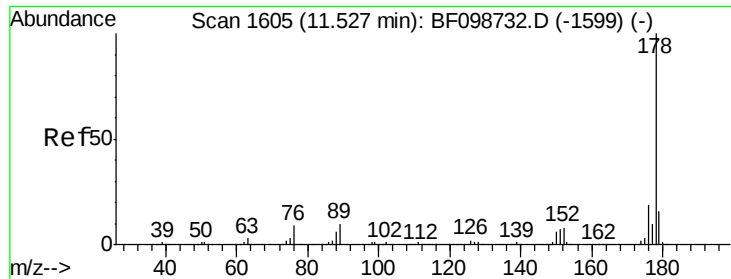
#70
 Phenanthrene
 Concen: 0.13 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Tgt Ion:178 Resp: 4075
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.8 23.8
 179 17.1 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

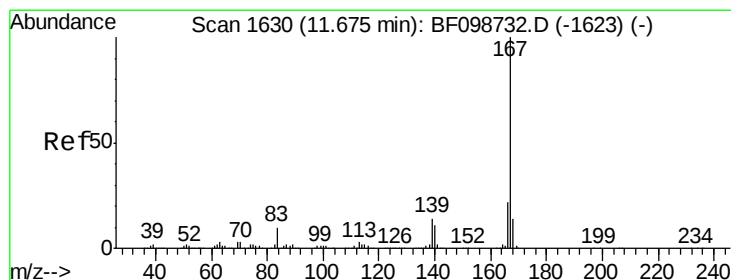
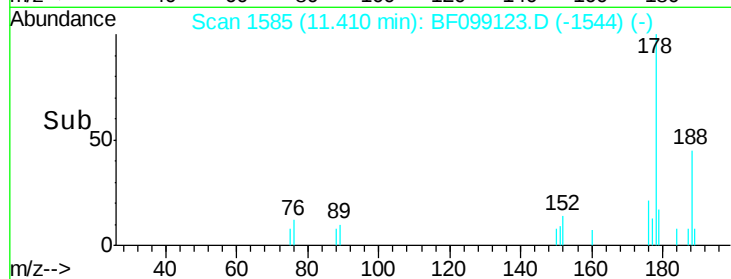
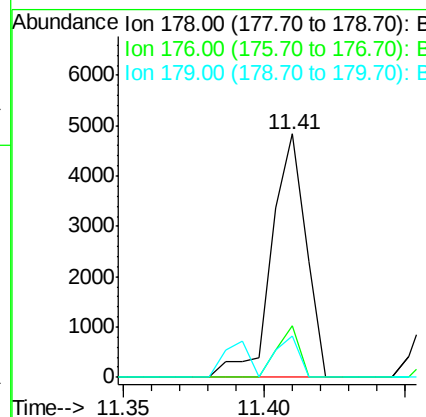
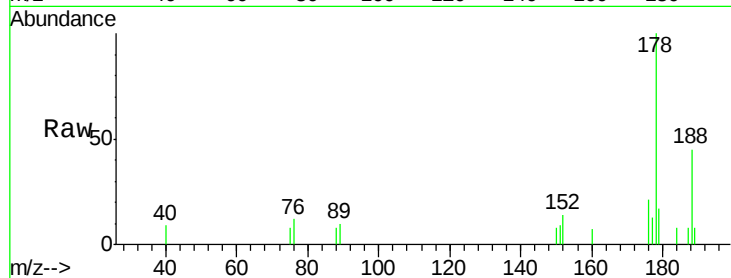




#71
 Anthracene
 Concen: 0.12 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.06 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

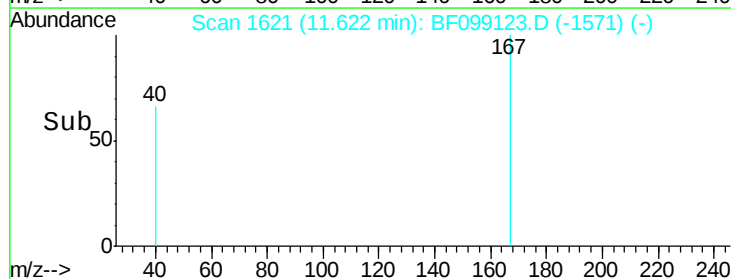
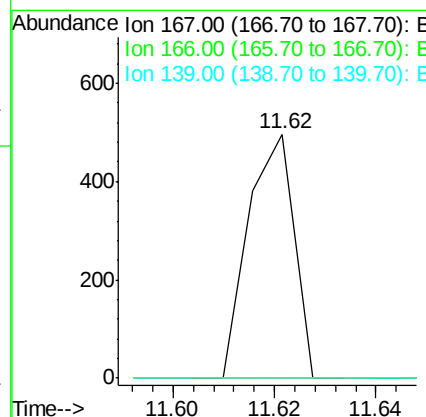
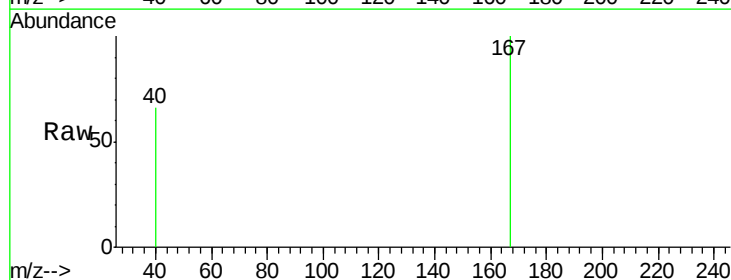
Instrument :
 BNA_F
 ClientSampleId :

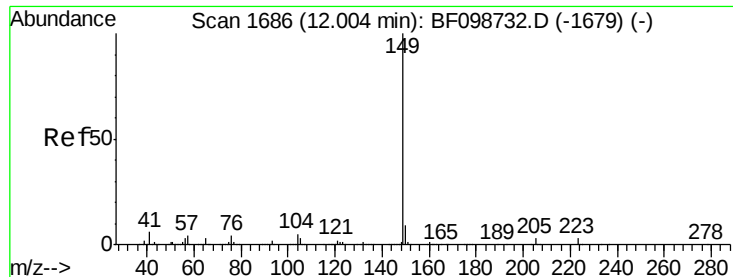
Tot Ion:178 Resp: 4075
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.4 23.2
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 0.01 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Tgt Ion:167 Resp: 310
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#

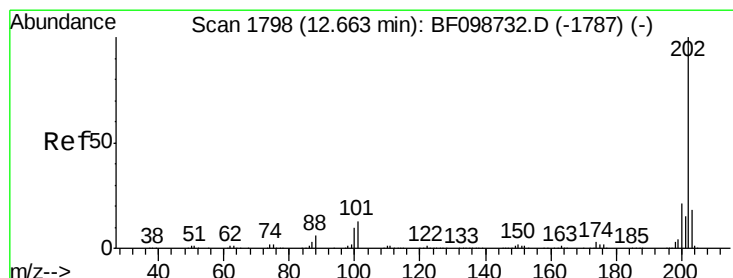
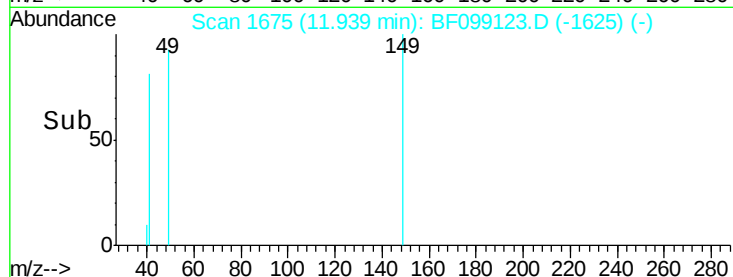
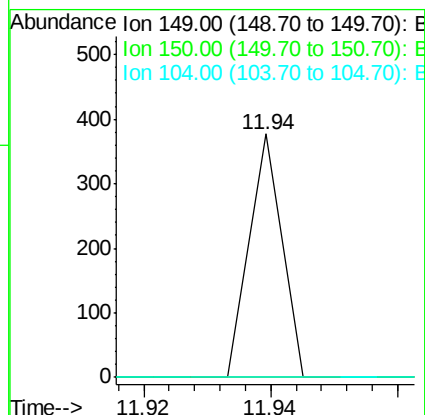
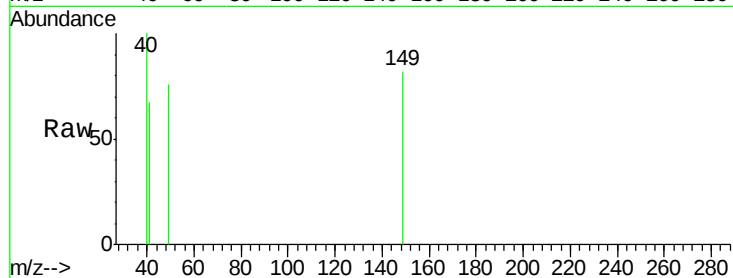




#73
Di-n-butylphthalate
Concen: 0.00 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

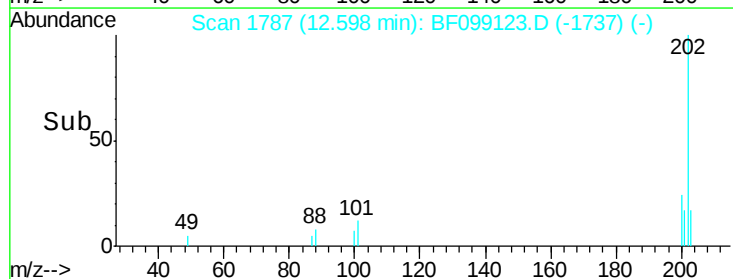
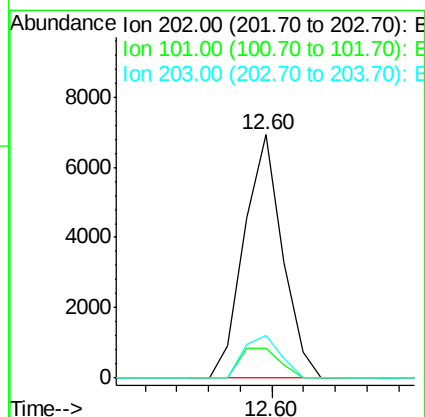
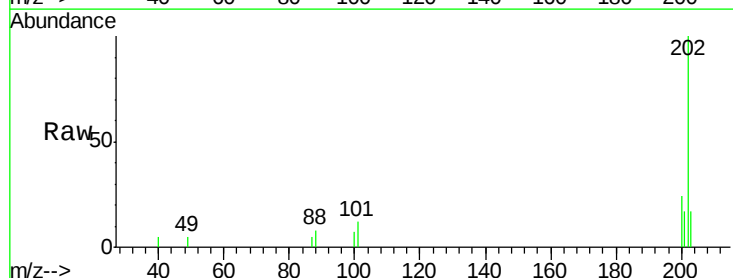
Instrument :
BNA_F
ClientSampleId :

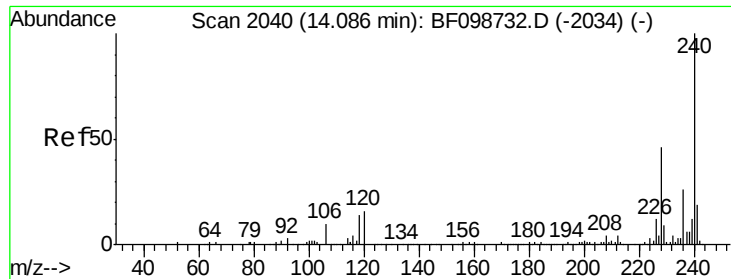
Tot Ion:149 Resp: 133
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 0.18 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:202 Resp: 5816
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

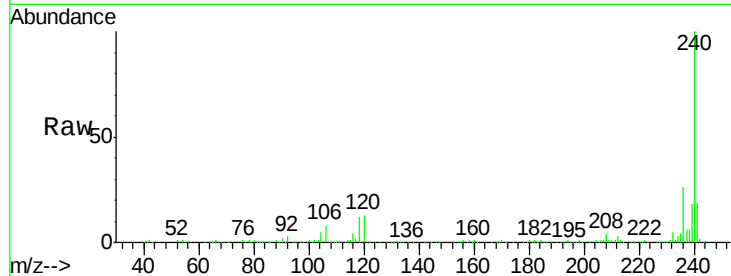
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 385722

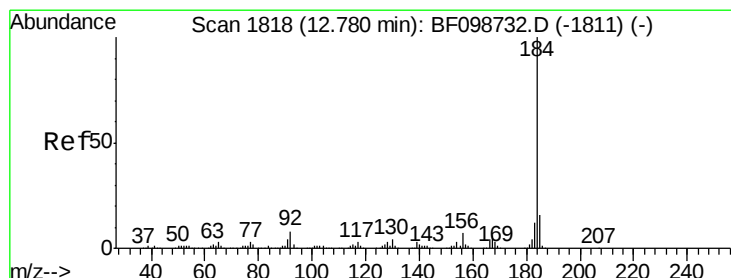
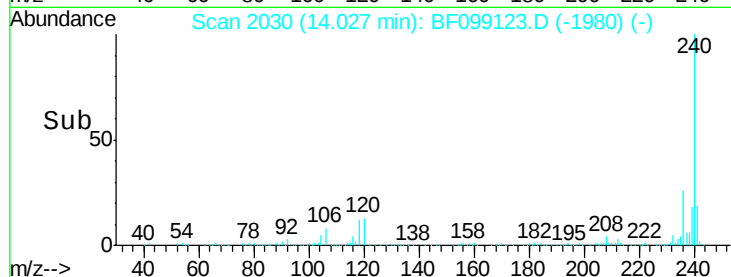
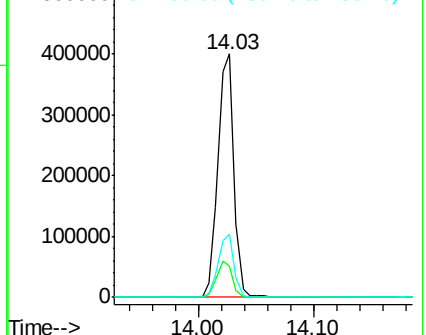
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1



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: 0.10 ng

RT: 12.96 min Scan# 1849

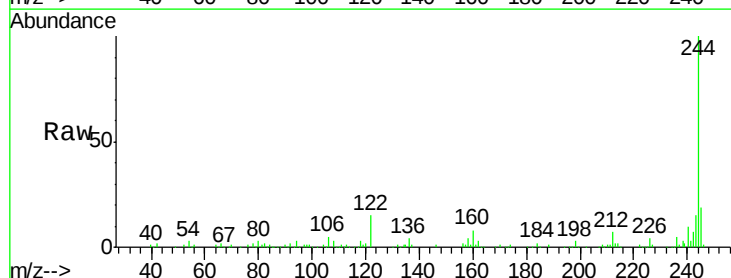
Delta R.T. 0.24 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Tgt Ion:184 Resp: 1357

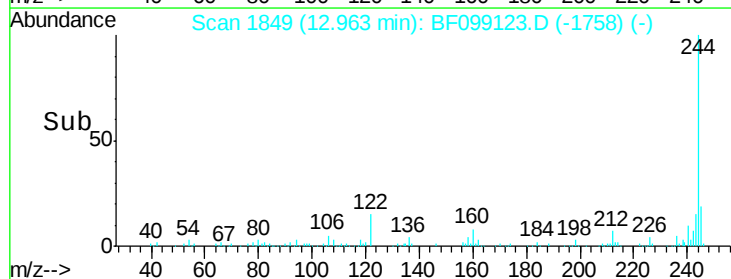
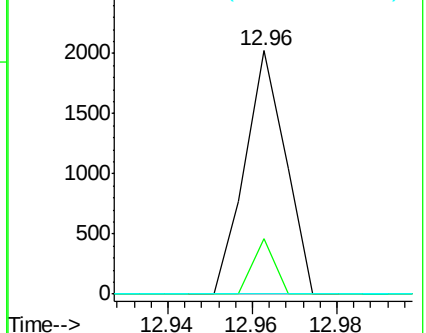
Ion	Ratio	Lower	Upper
184	100		
185	22.9	12.6	18.8#
183	0.0	9.3	13.9#

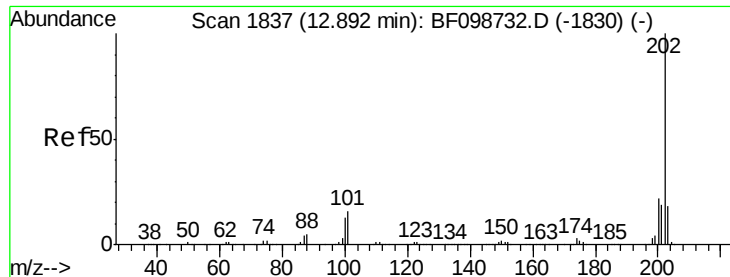


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

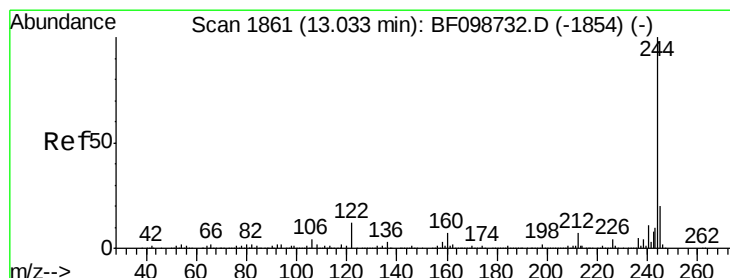
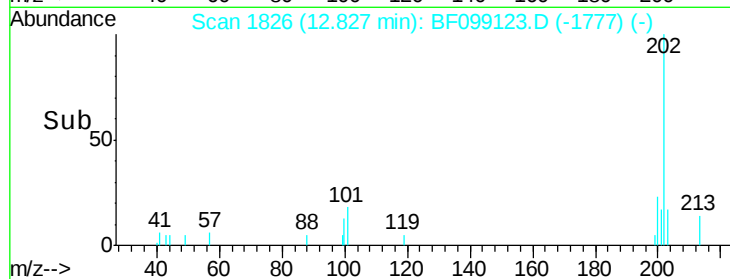
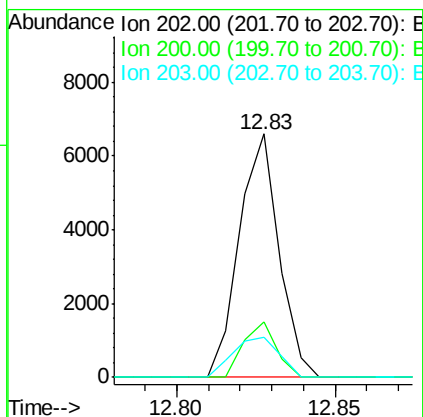
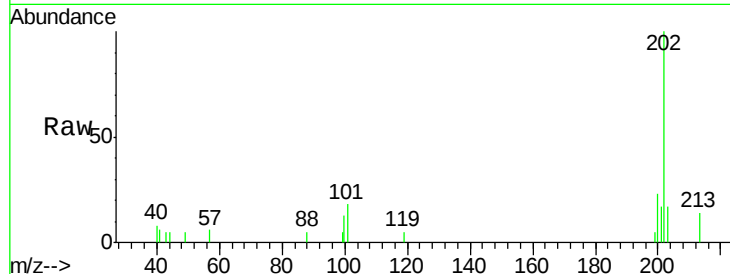




#77
Pvrene
Concen: 0.19 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

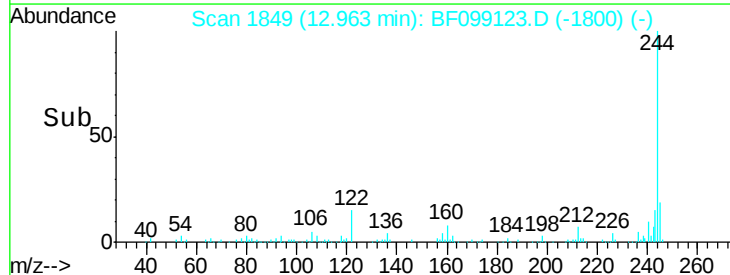
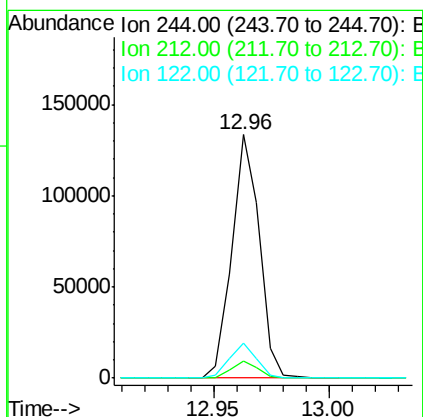
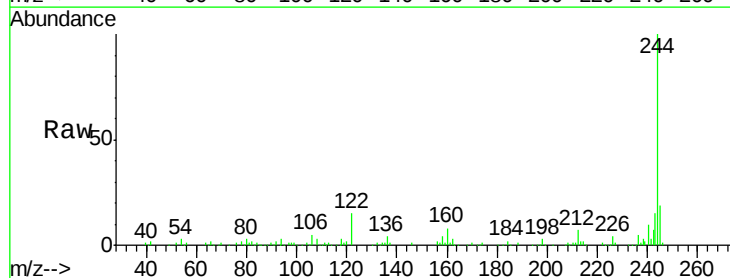
Instrument :
BNA_F
ClientSampleId :

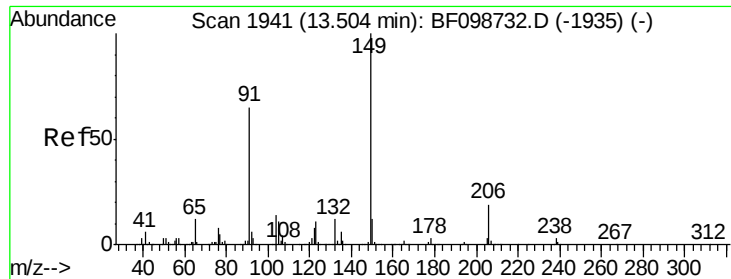
Tot Ion:202 Resp: 5712
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 16.5 14.3 21.5



#78
Terphenyl-d14
Concen: 6.49 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:244 Resp: 110012
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.5 11.0 16.4

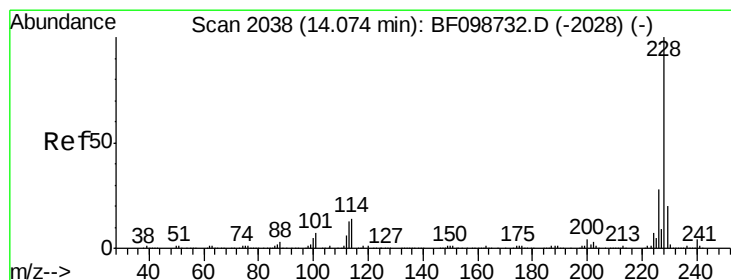
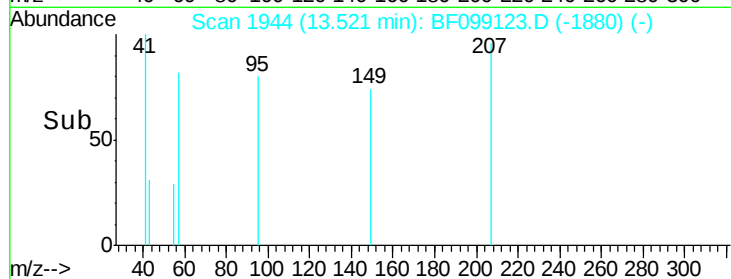
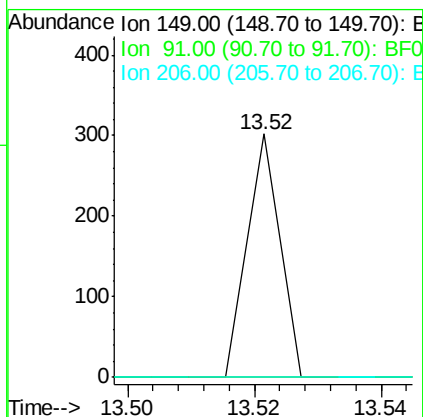
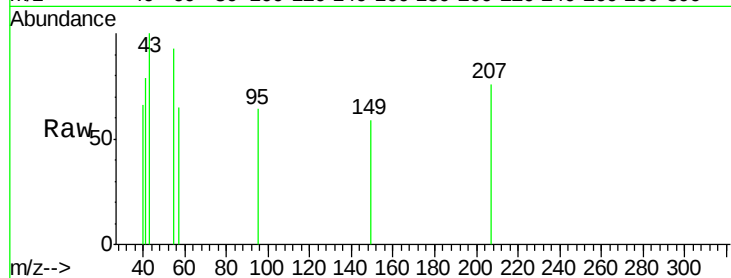




#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.08 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

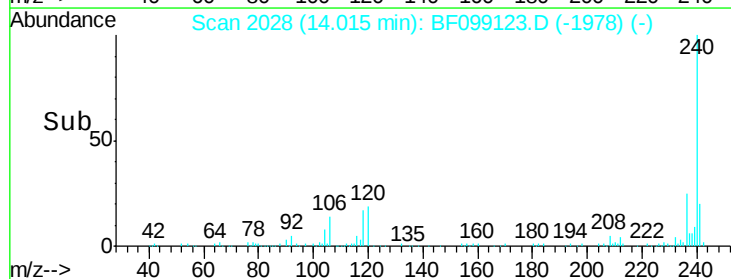
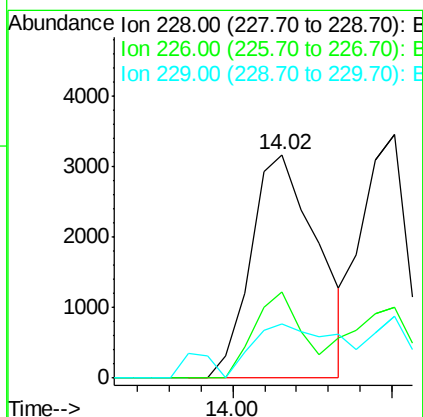
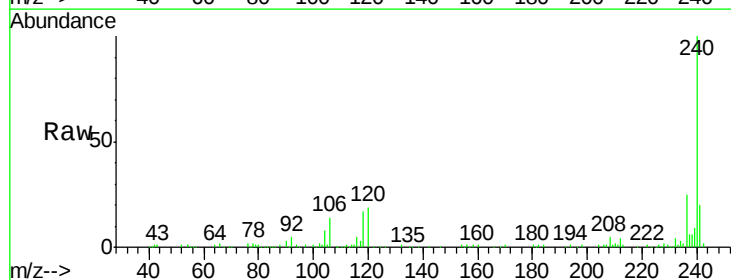
Instrument :
BNA_F
ClientSampleId :

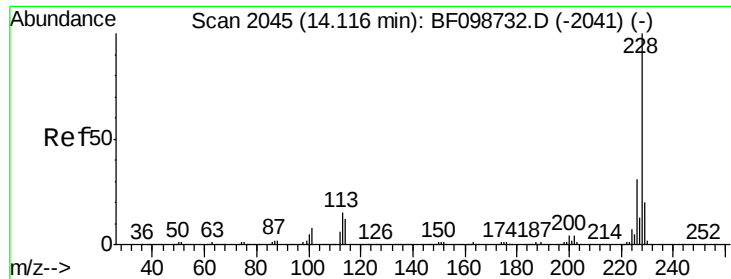
Tot Ion:149 Resp: 107
Ion Ratio Lower Upper
149 100
91 0.0 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.20 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:228 Resp: 4649
Ion Ratio Lower Upper
228 100
226 38.5 22.6 33.8#
229 24.4 15.8 23.6#

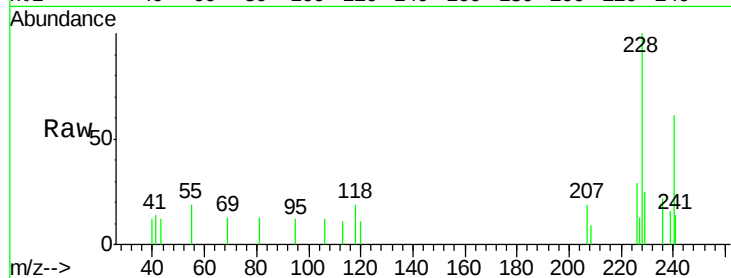




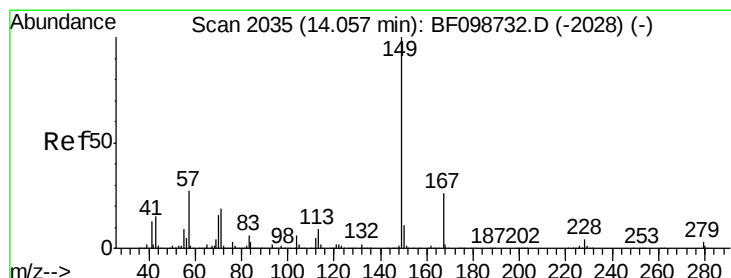
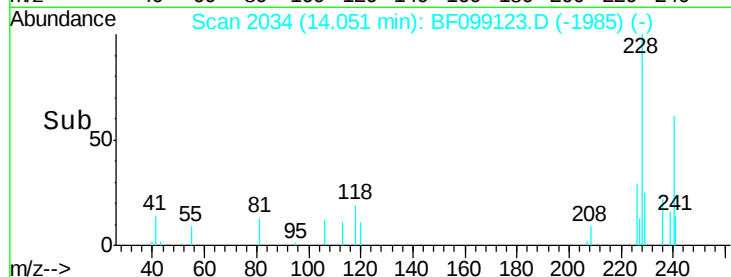
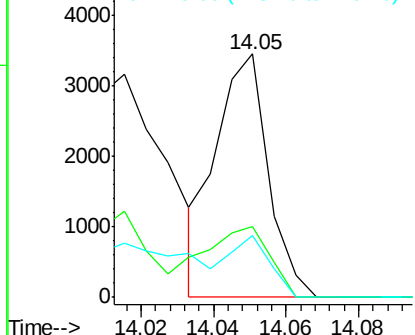
#82
 Chrysene
 Concen: 0.15 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 3437
 Ion Ratio Lower Upper
 228 100
 226 29.2 25.0 37.6
 229 25.2 16.2 24.4#

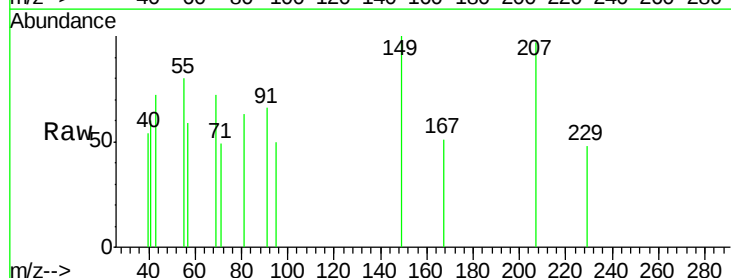


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

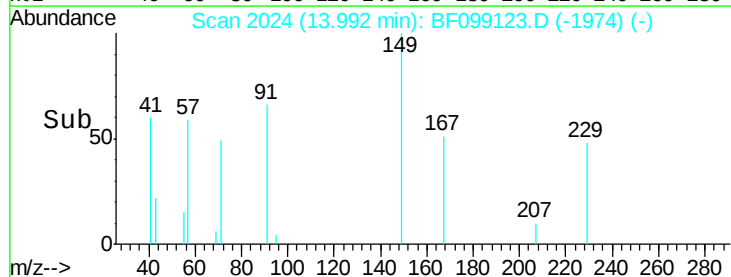
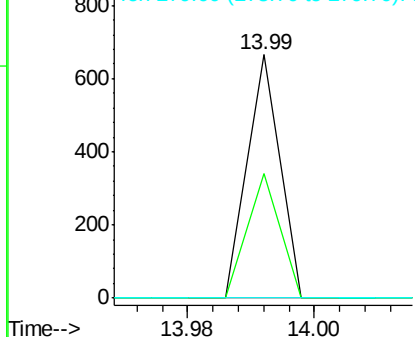


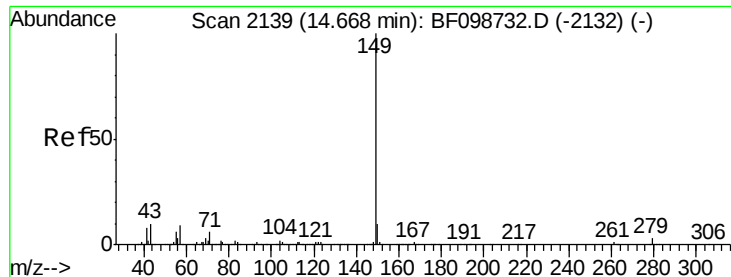
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099123.D
 Acq: 6 Oct 2017 00:30

Tgt Ion:149 Resp: 235
 Ion Ratio Lower Upper
 149 100
 167 51.1 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

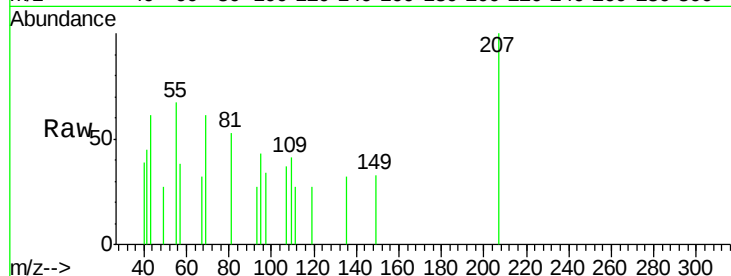




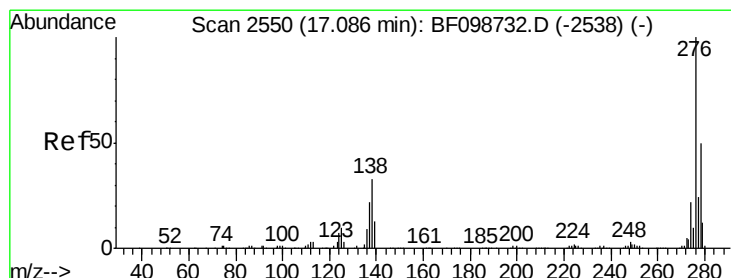
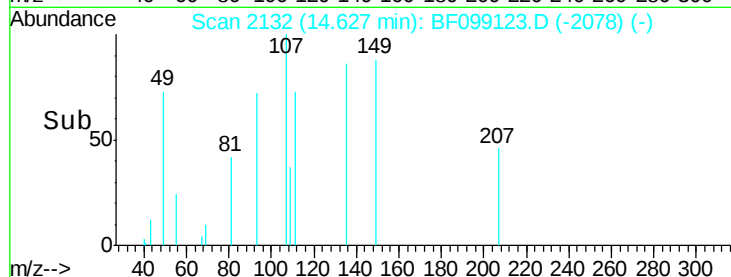
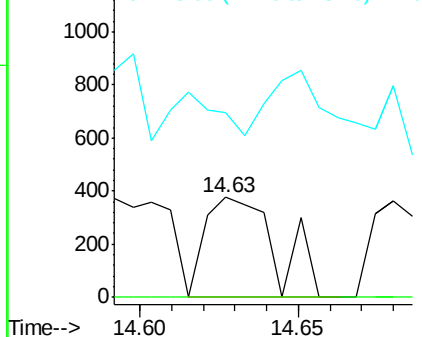
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 584
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 23.1 8.4 12.6#

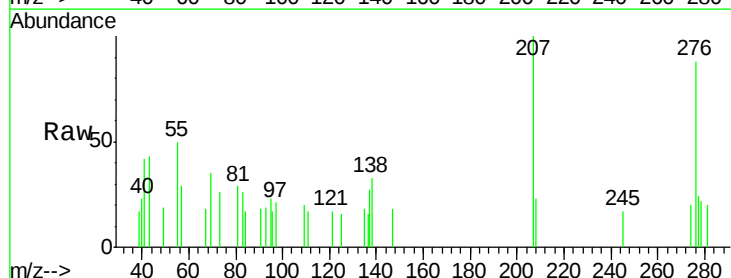


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

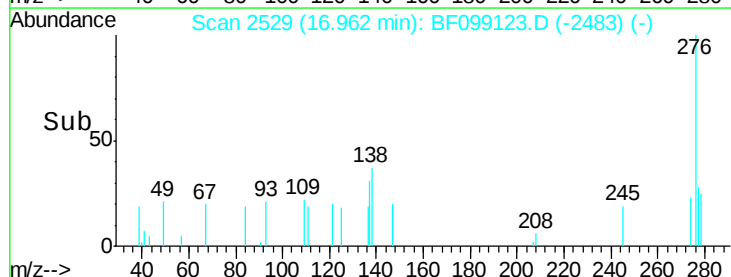
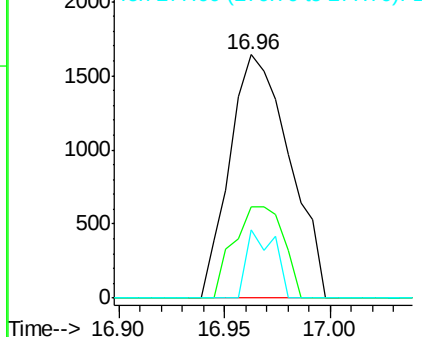


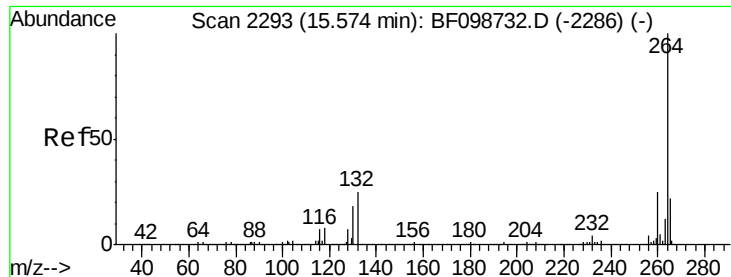
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.03 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:276 Resp: 3222
Ion Ratio Lower Upper
276 100
138 31.2 25.0 37.6
277 13.1 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

Pervlene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

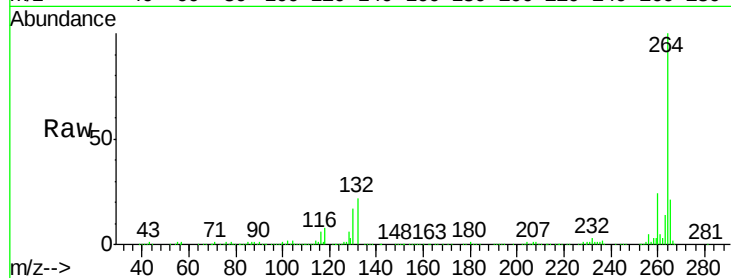
Tot Ion:264 Resp: 442687

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

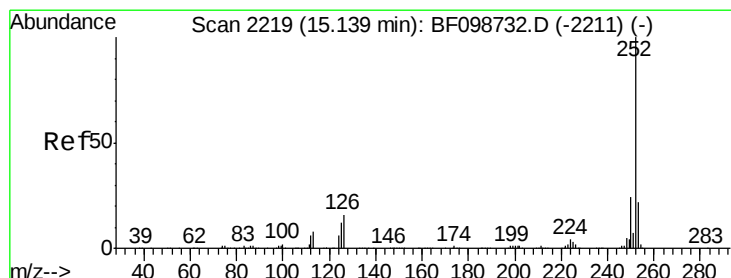
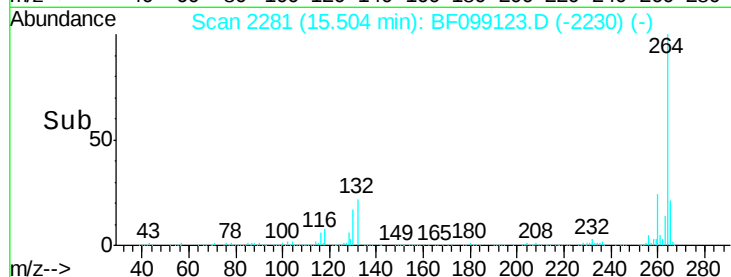
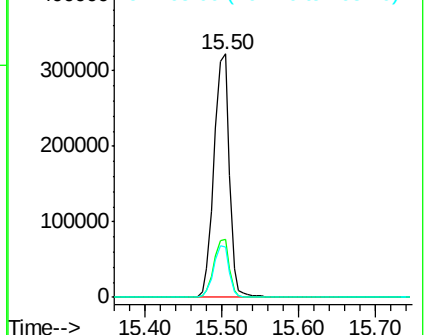
265 20.9 17.5 26.3



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: 0.31 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

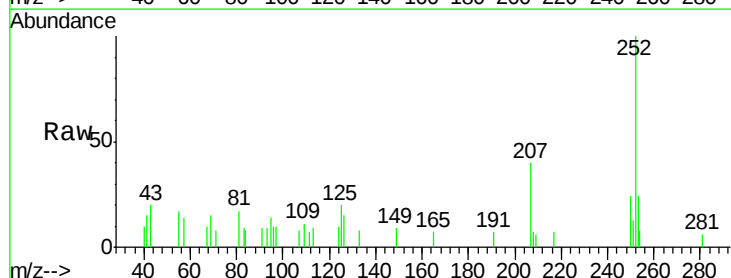
Tgt Ion:252 Resp: 8343

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

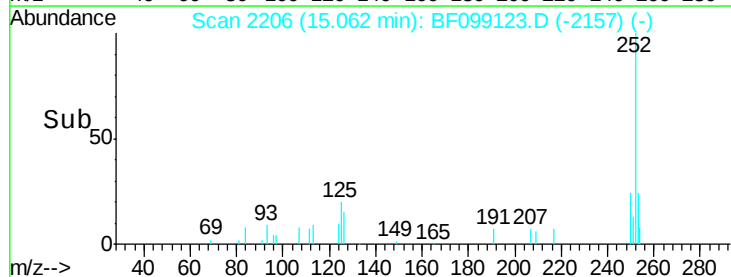
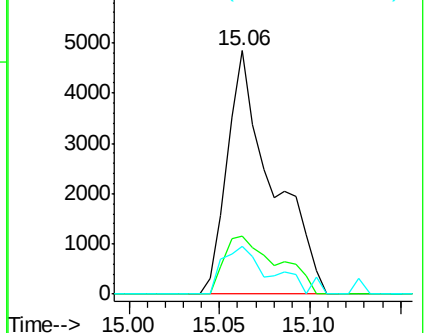
125 19.5 9.0 13.6#

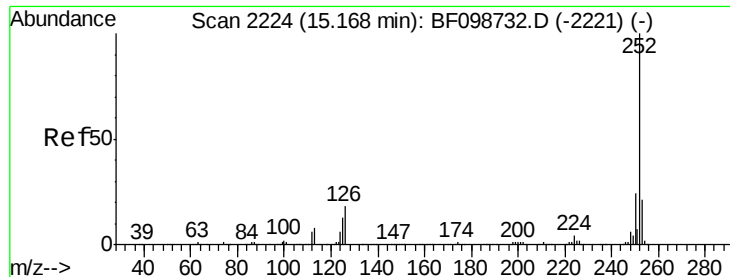


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

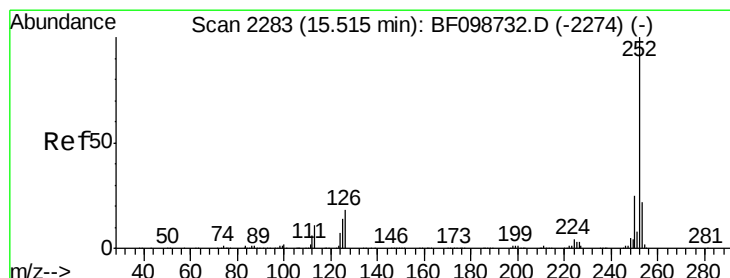
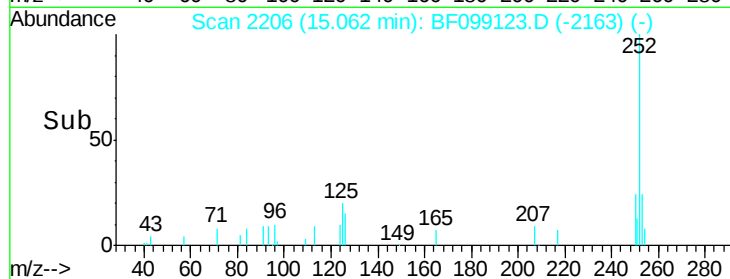
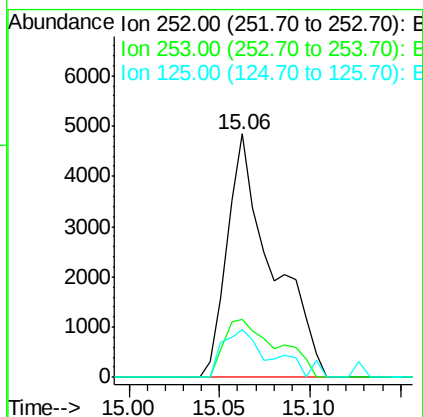
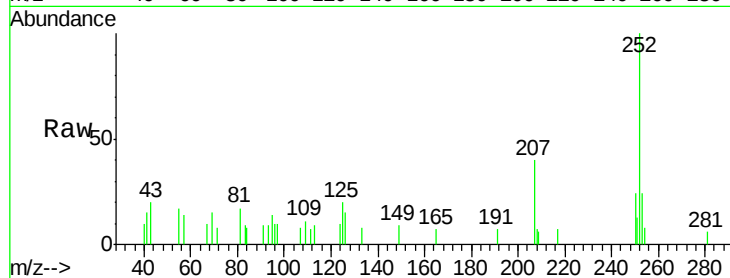




#88
Benzo(k)fluoranthene
Concen: 0.31 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

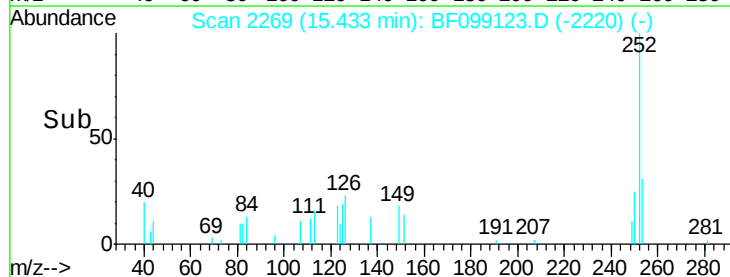
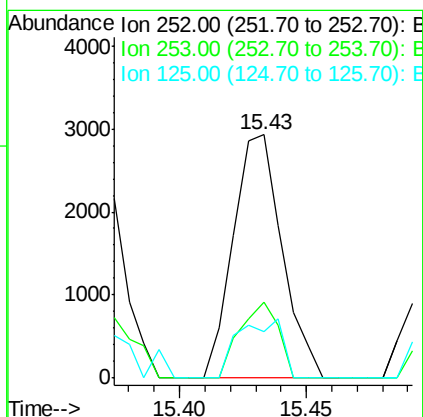
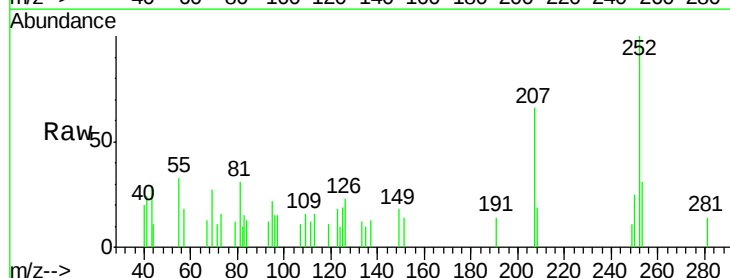
Instrument :
BNA_F
ClientSampleId :

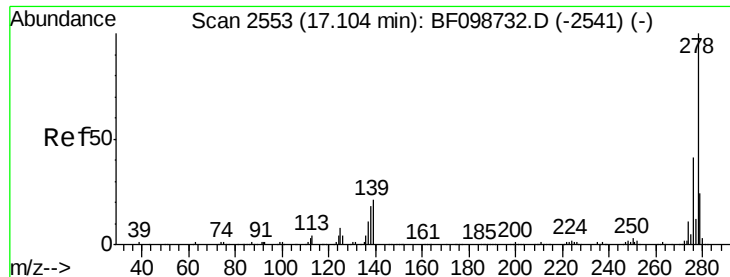
Tot Ion:252 Resp: 8343
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 19.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.16 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099123.D
Acq: 6 Oct 2017 00:30

Tgt Ion:252 Resp: 3920
Ion Ratio Lower Upper
252 100
253 31.0 17.1 25.7#
125 19.2 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.03 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

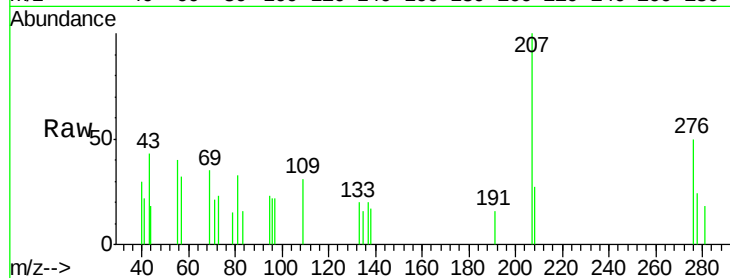
Tot Ion:278 Resp: 728

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

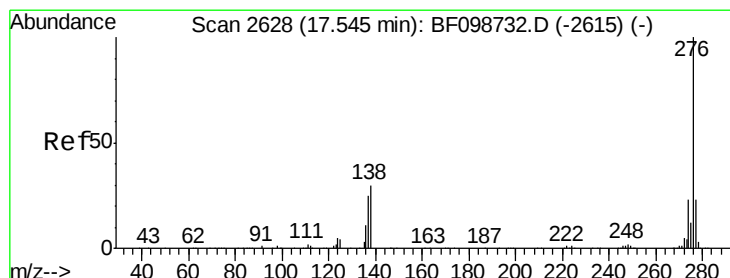
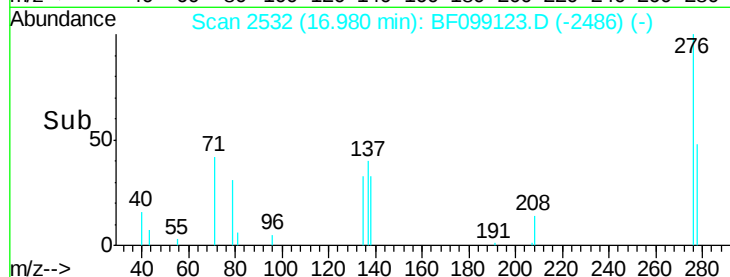
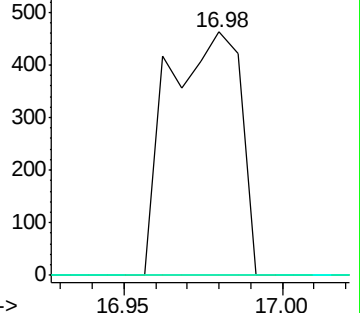
279 0.0 19.0 28.4#



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: 0.17 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BF099123.D

Acq: 6 Oct 2017 00:30

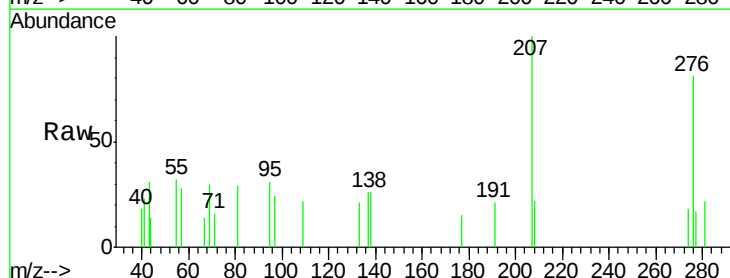
Tgt Ion:276 Resp: 3287

Ion Ratio Lower Upper

276 100

277 21.3 17.9 26.9

138 32.3 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

