

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098673.D
 Acq On : 20 Sep 2017 21:20
 Operator : SJ/JU
 Sample : I5280-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:23:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	87041	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	334121	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	132621	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	198668	20.00	ng	0.00
75) Chrysene-d12	13.79	240	186648	20.00	ng	0.00
86) Perylene-d12	15.20	264	136088	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	652781	110.88	ng	0.00
7) Phenol-d6	6.28	99	773466	103.48	ng	-0.01
23) Nitrobenzene-d5	7.19	82	469172	78.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	103834	117.31	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	743263	94.99	ng	-0.02
78) Terphenyl-d14	12.73	244	543676	62.87	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.17	77	13132	2.69	ng	# 1
10) Phenol	6.29	94	29459	3.39	ng	# 66
15) Benzyl Alcohol	6.77	79	11188	2.25	ng	# 40
20) 3+4-Methylphenols	7.07	107	19517	2.93	ng	# 58
31) Naphthalene	7.93	128	394364	23.88	ng	99
32) Benzoic acid	7.73	122	7863	9.83	ng	# 1
33) 4-Chloroaniline	7.93	127	53020	7.90	ng	# 38
35) Caprolactam	8.33	113	8264	5.48	ng	# 4
37) 2-Methylnaphthalene	8.62	142	713499	71.31	ng	97
45) 1,1'-Biphenyl	9.08	154	64470	5.43	ng	98
47) 2-Nitroaniline	9.25	65	9571	2.94	ng	# 34
48) Acenaphthylene	9.52	152	67418	5.35	ng	# 87
49) Dimethylphthalate	9.38	163	201164	19.60	ng	100
51) Acenaphthene	9.69	154	19902	2.48	ng	98
53) 2,4-Dinitrophenol	9.78	184	108	8.62	ng	# 1
54) Dibenzofuran	9.86	168	93057	8.82	ng	# 83
57) Fluorene	10.20	166	52803	6.04	ng	# 91
64) 4,6-Dinitro-2-methylphenol	10.26	198	732	5.50	ng	# 1
65) n-Nitrosodiphenylamine	10.32	169	26783	4.15	ng	# 49
69) Pentachlorophenol	11.05	266	124	7.07	ng	# 39
70) Phenanthrene	11.17	178	221590	21.04	ng	98
71) Anthracene	11.17	178	221590	20.49	ng	97
74) Fluoranthene	12.36	202	175019	16.60	ng	95
77) Pyrene	12.59	202	191456	13.00	ng	99
80) Benzo(a)anthracene	13.78	228	115469	10.55	ng	# 84
82) Chrysene	13.82	228	106643	9.64	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.77	149	18504	2.31	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.55	276	52103	6.71	ng	# 90
87) Benzo(b)fluoranthene	14.81	252	188600	22.04	ng	# 85
88) Benzo(k)fluoranthene	14.81	252	188600	23.61	ng	# 89
89) Benzo(a)pyrene	15.14	252	74846	9.82	ng	# 66
90) Dibenzo(a,h)anthracene	16.55	278	14703	2.65	ng	# 43
91) Benzo(a,h,i)perylene	16.96	276	48191	8.64	ng	96

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QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

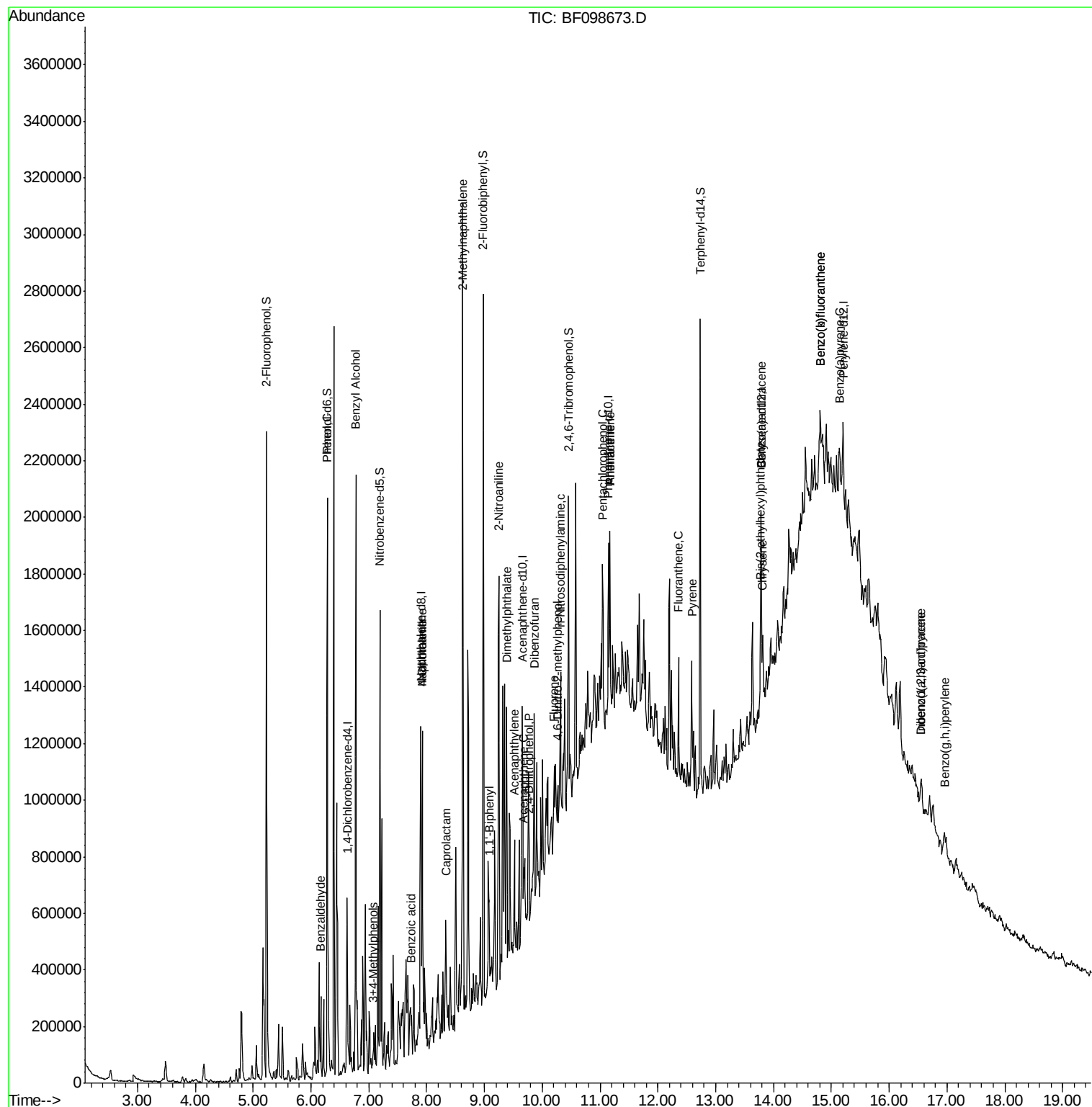
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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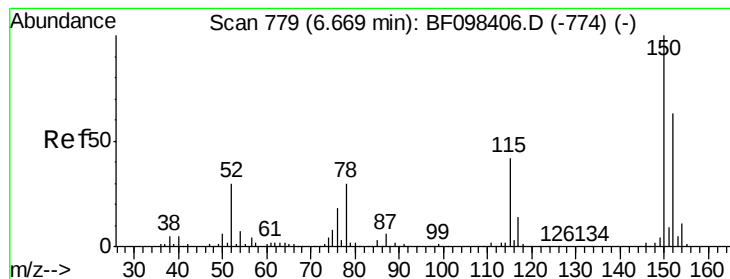
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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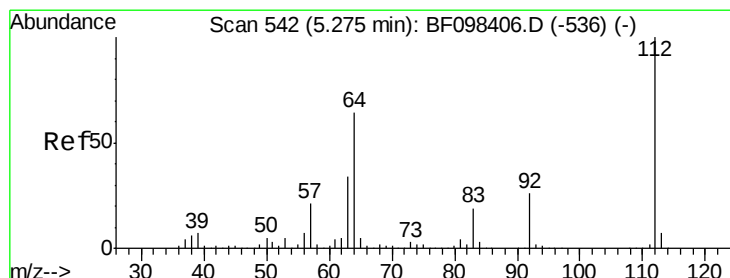
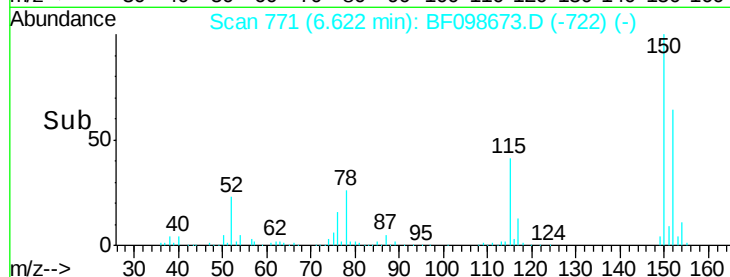
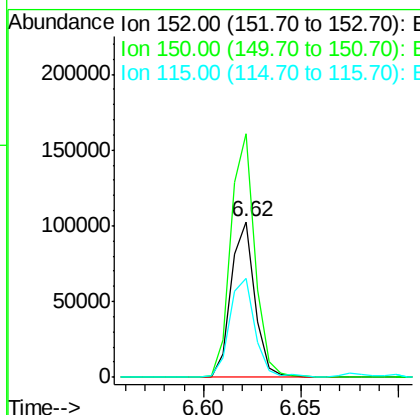
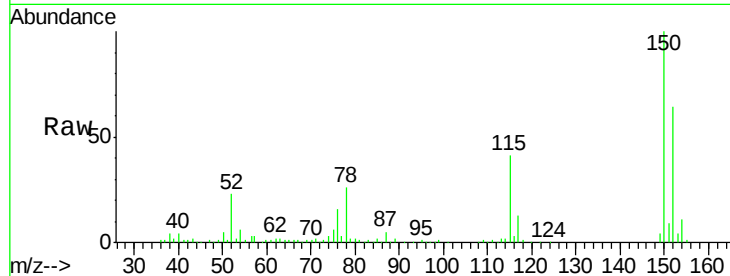




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

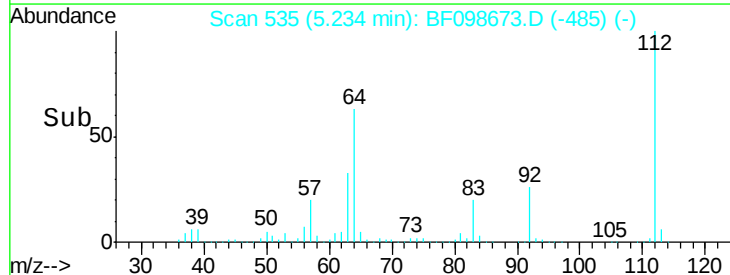
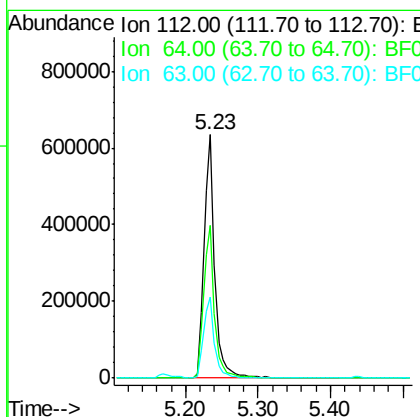
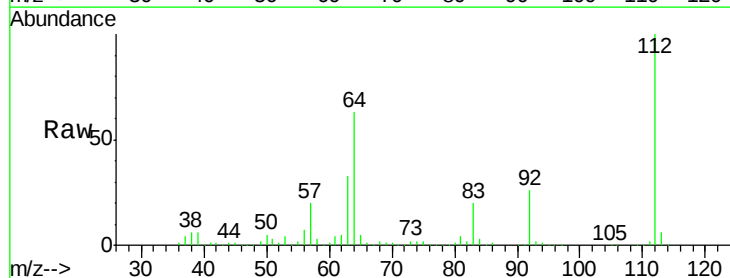
Instrument :
 BNA_F
 ClientSampleId :

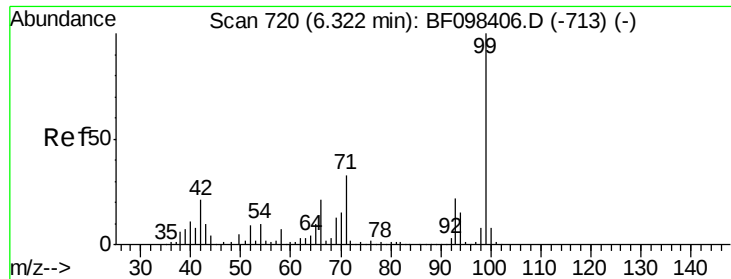
Tot Ion:152 Resp: 87041
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 63.7 52.2 78.2



#5
 2-Fluorophenol
 Concen: 110.88 ng
 RT: 5.23 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:112 Resp: 652781
 Ion Ratio Lower Upper
 112 100
 64 62.8 46.0 69.0
 63 33.5 23.4 35.0





#7

Phenol-d6

Concen: 103.48 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampleId :

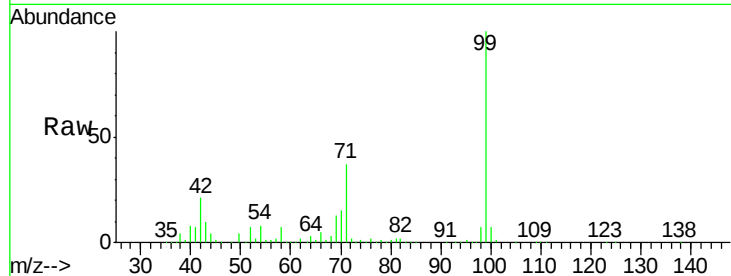
Tot Ion: 99 Resp: 773466

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

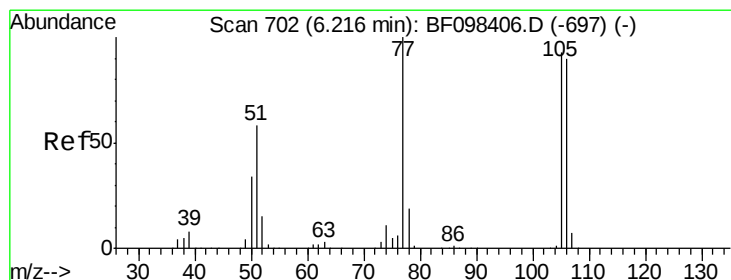
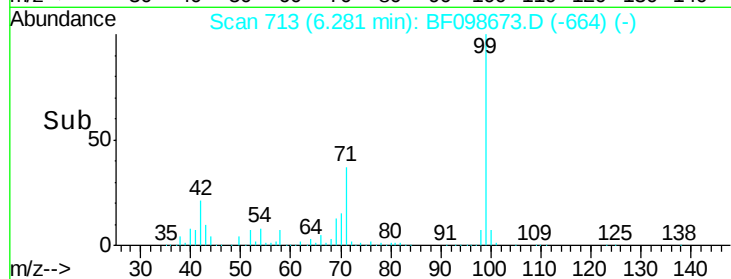
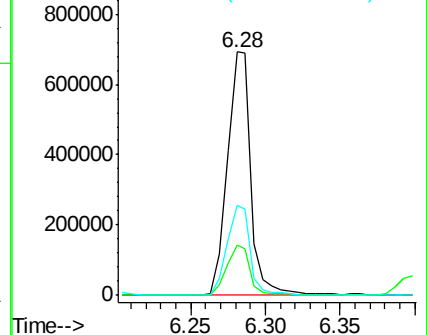
71 37.1 24.5 36.7#



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: 2.69 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

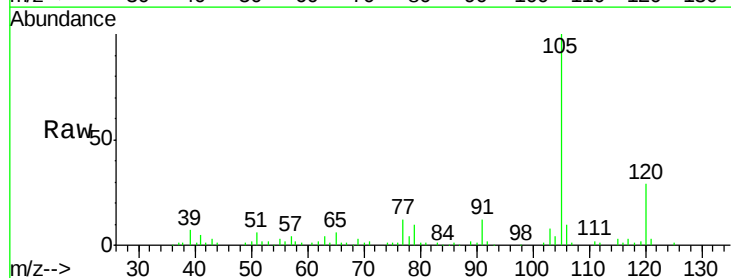
Tgt Ion: 77 Resp: 13132

Ion Ratio Lower Upper

77 100

105 864.5 83.8 123.8#

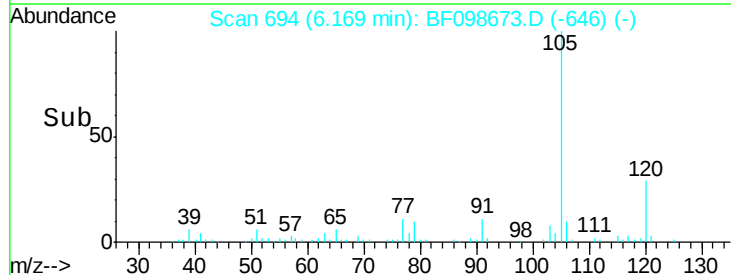
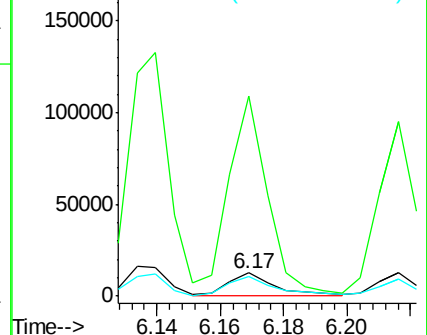
106 84.4 79.1 119.1

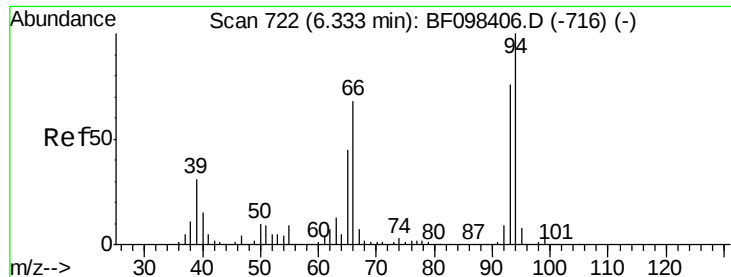


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

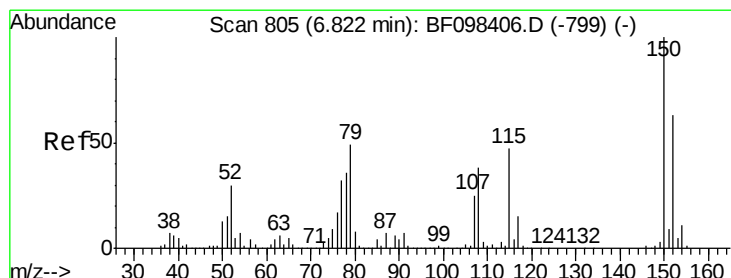
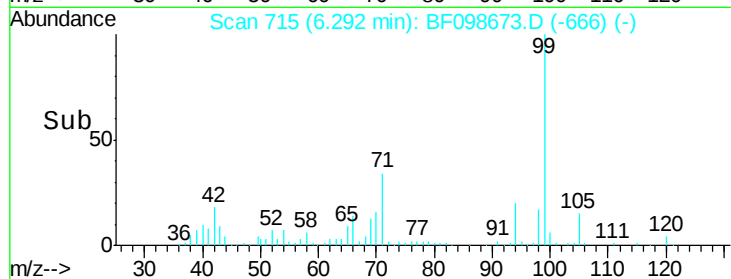
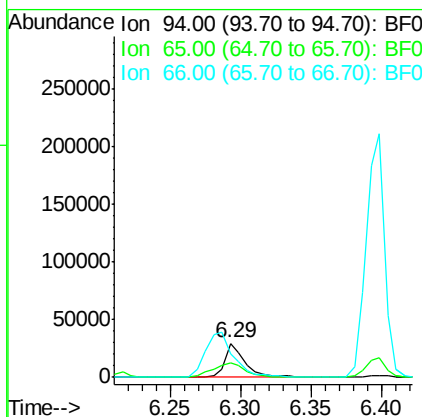
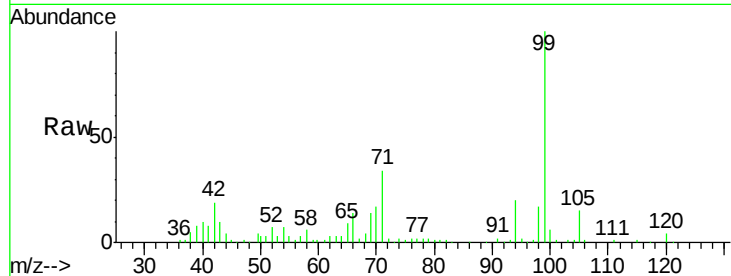




#10
Phenol
Concen: 3.39 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

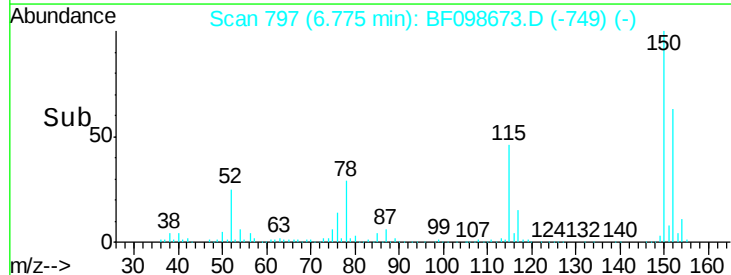
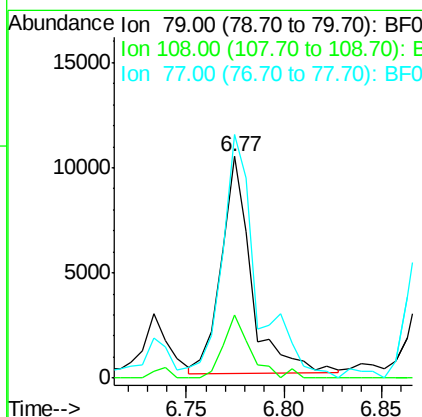
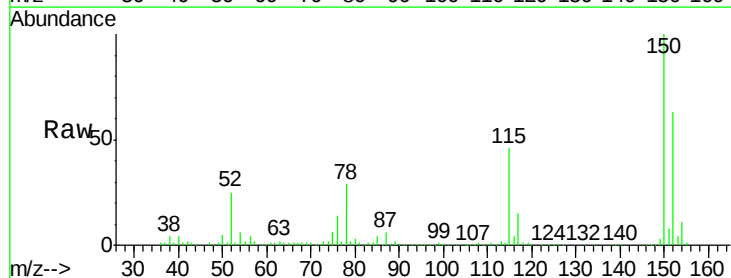
Instrument :
BNA_F
ClientSampleId :

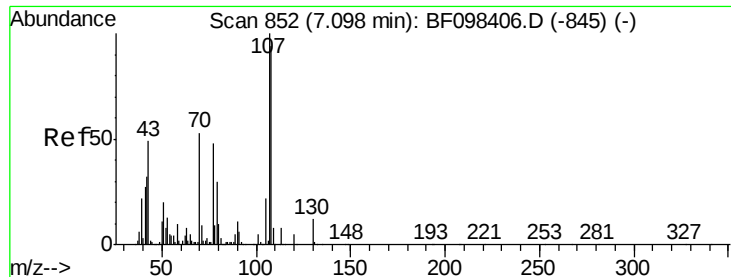
Tot Ion: 94 Resp: 29459
Ion Ratio Lower Upper
94 100
65 43.7 9.9 49.9
66 68.6 23.1 63.1#



#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion: 79 Resp: 11188
Ion Ratio Lower Upper
79 100
108 28.8 63.4 95.0#
77 110.0 49.2 73.8#

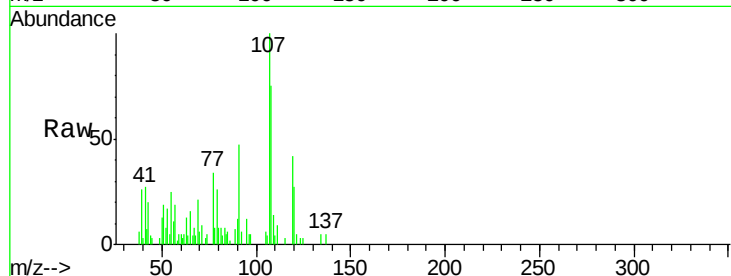




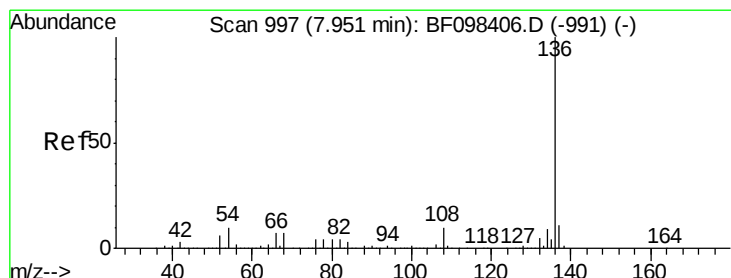
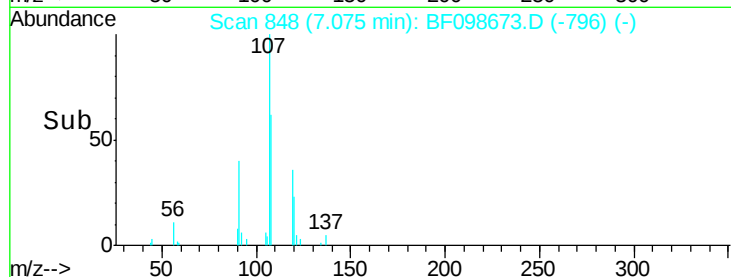
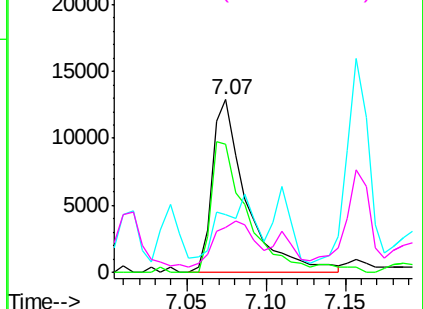
#20
3+4-Methylphenols
Concen: 2.93 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:107	Resp:	19517
Ion Ratio	Lower	Upper
107	100	
108	74.5	71.0 111.0
77	33.8	90.5 130.5#
79	25.9	8.4 48.4

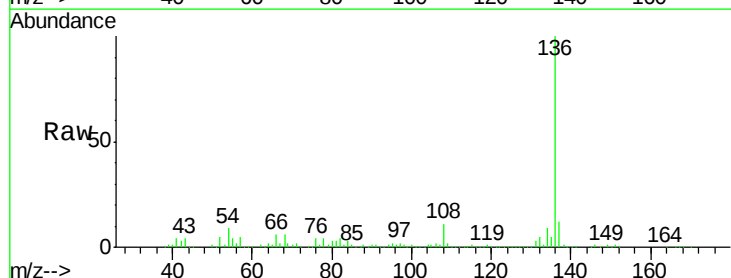


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

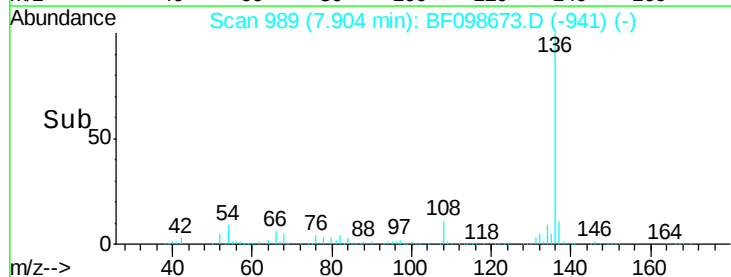
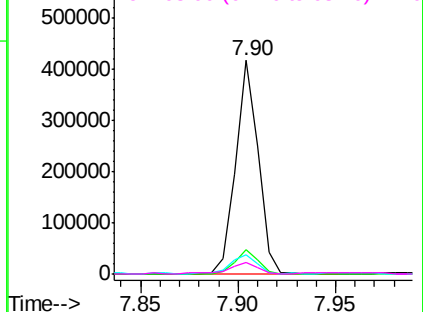


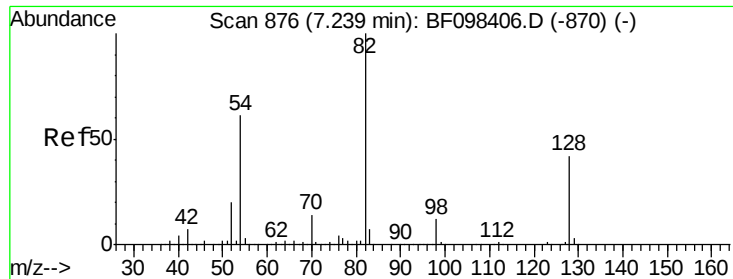
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion:136	Resp:	334121
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.5 12.7
54	9.0	4.9 7.3#
68	5.5	4.1 6.1



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

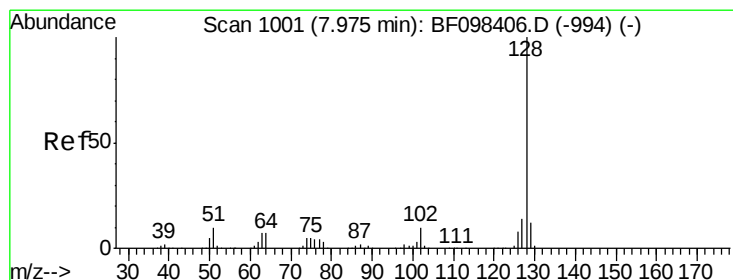
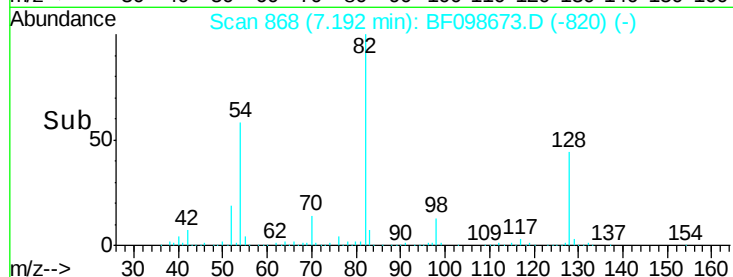
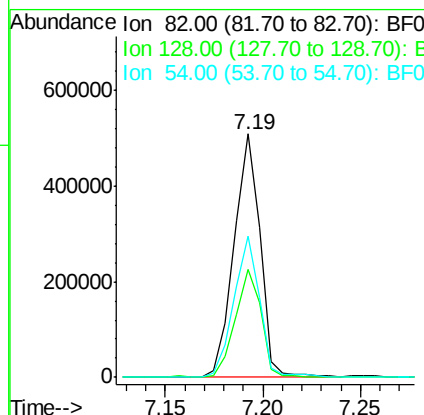
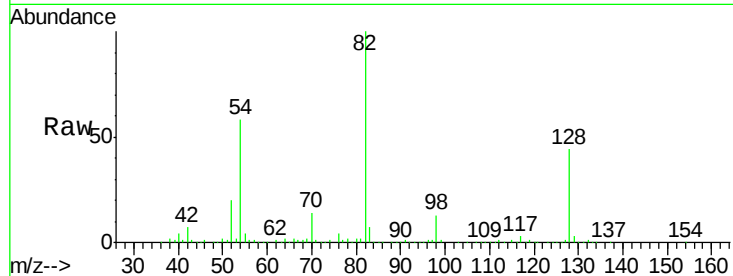




#23
Nitrobenzene-d5
Concen: 78.28 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

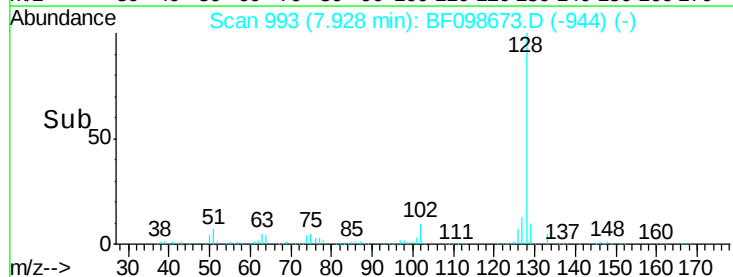
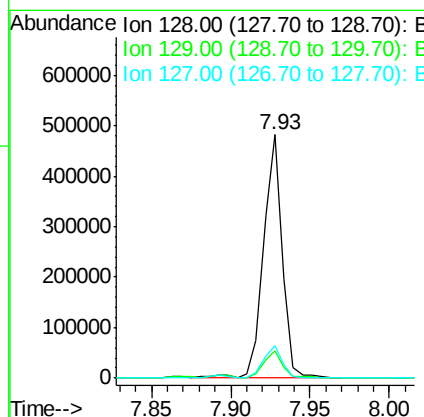
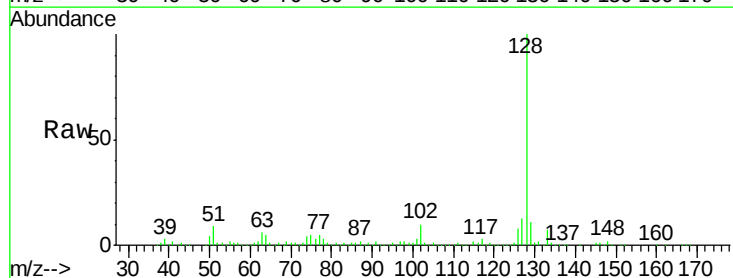
Instrument :
BNA_F
ClientSampleId :

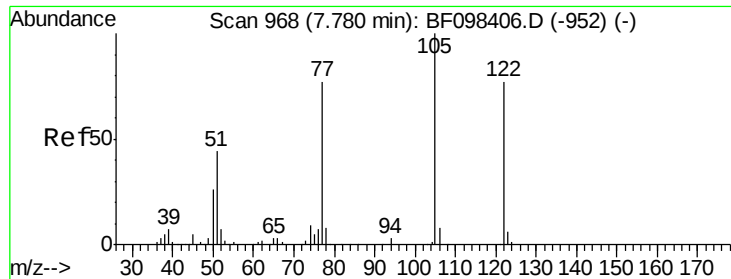
Tot Ion: 82 Resp: 469172
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 58.1 42.2 63.2



#31
Naphthalene
Concen: 23.88 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion:128 Resp: 394364
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2





#32

Benzoic acid

Concen: 9.83 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampleId :

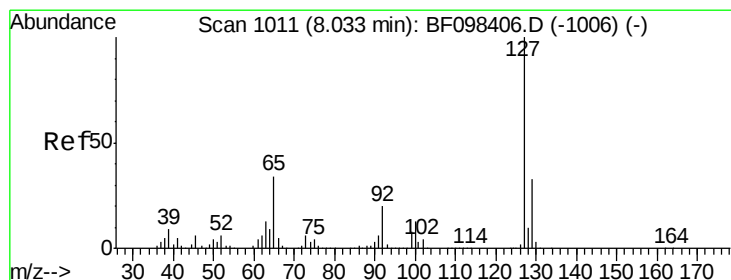
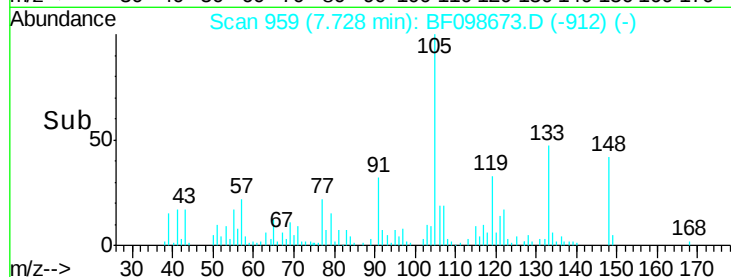
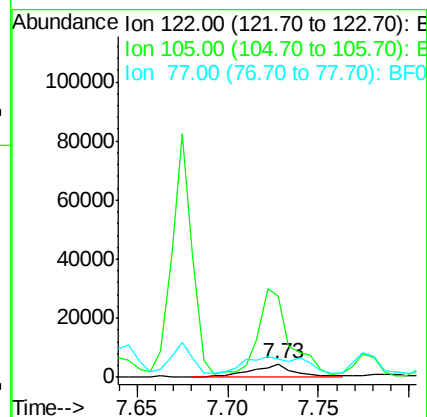
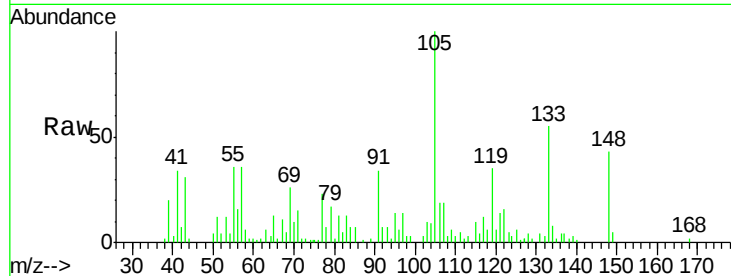
Tot Ion:122 Resp: 7863

Ion Ratio Lower Upper

122 100

105 610.0 103.3 143.3#

77 141.3 73.7 113.7#



#33

4-Chloroaniline

Concen: 7.90 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.07 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Tgt Ion:127 Resp: 53020

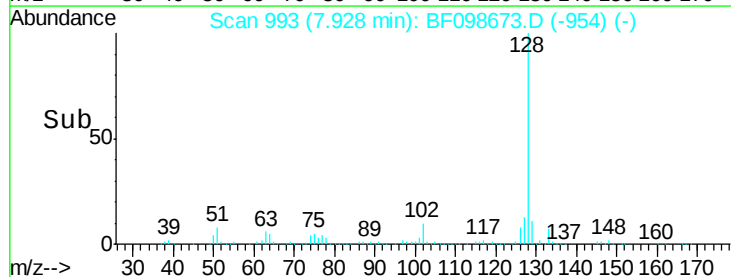
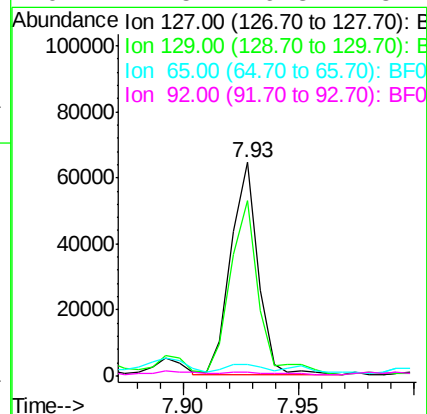
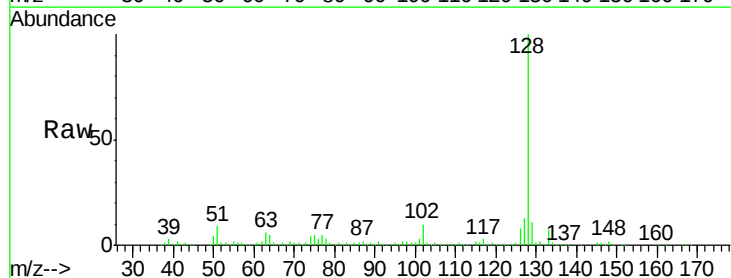
Ion Ratio Lower Upper

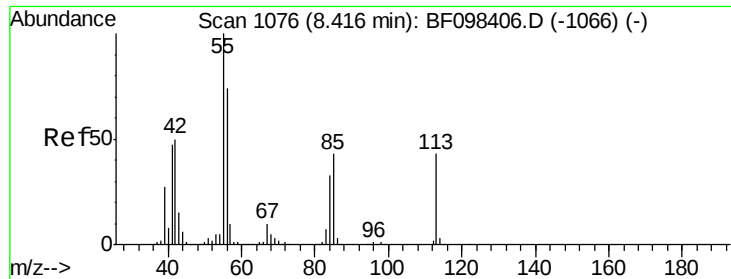
127 100

129 81.9 26.2 39.2#

65 5.5 27.8 41.8#

92 1.5 16.8 25.2#

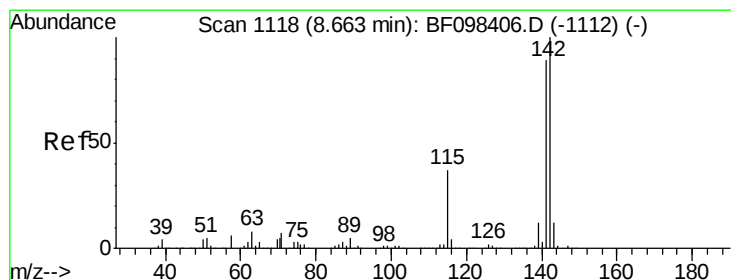
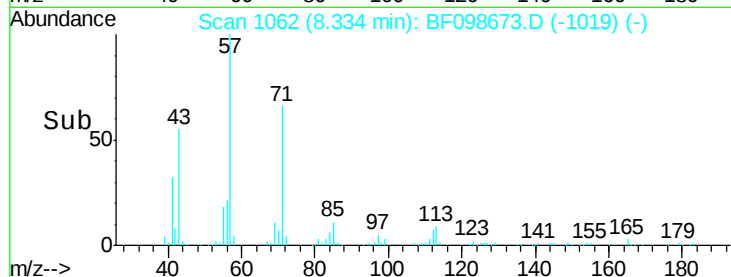
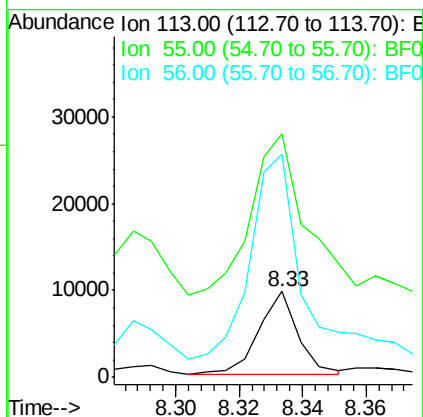
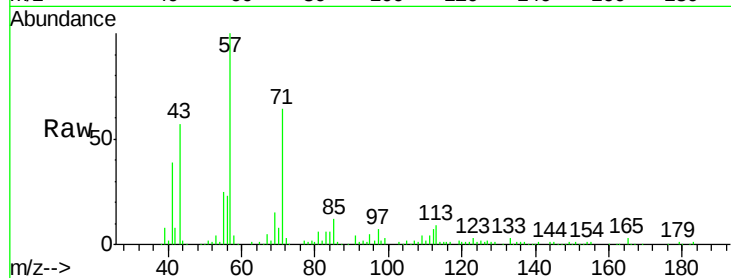




#35
 Caprolactam
 Concen: 5.48 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

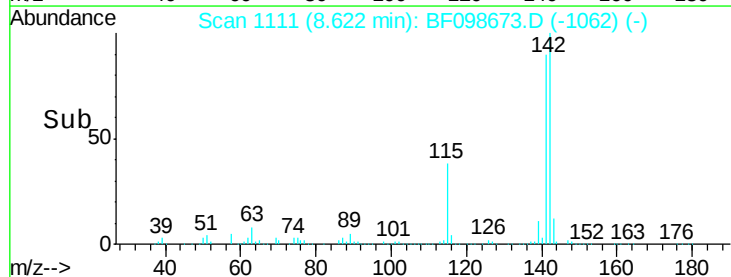
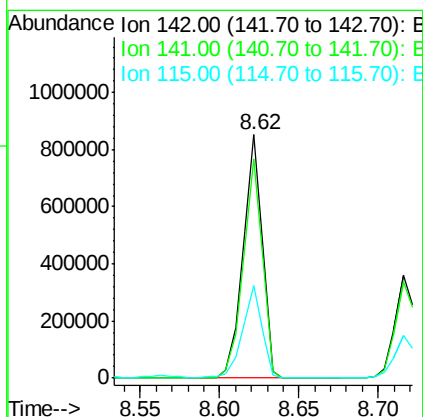
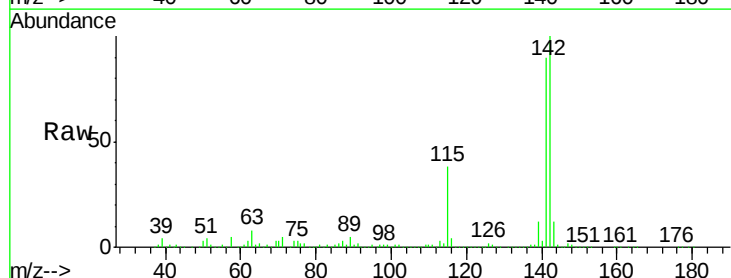
Instrument :
 BNA_F
 ClientSampleId :

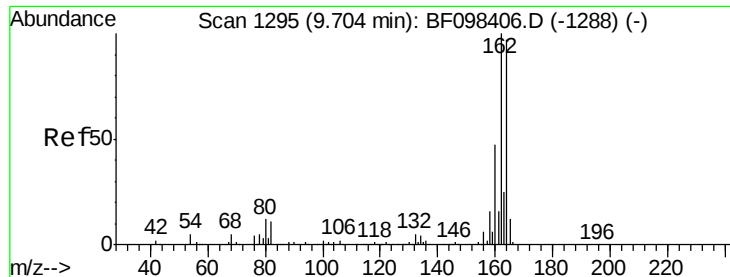
Tot Ion:113 Resp: 8264
 Ion Ratio Lower Upper
 113 100
 55 283.5 150.2 190.2#
 56 259.7 107.8 147.8#



#37
 2-Methylnaphthalene
 Concen: 71.31 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:142 Resp: 713499
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 38.0 27.1 40.7

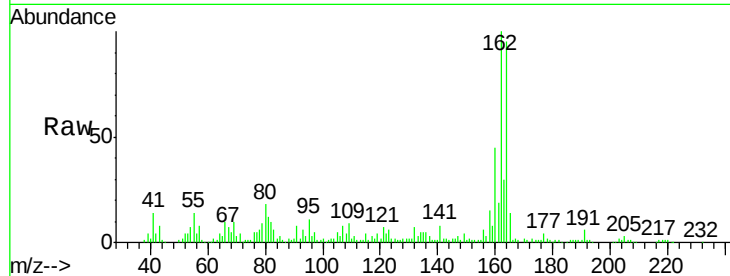




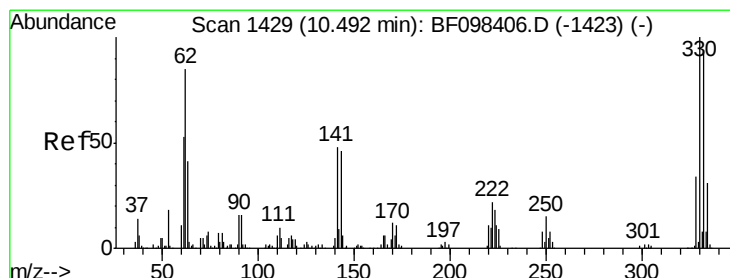
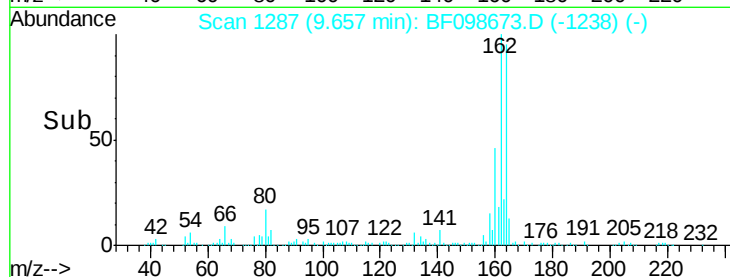
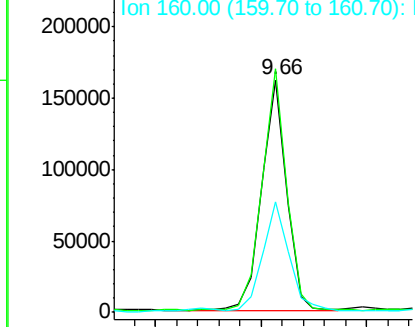
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 132621
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 47.6 36.2 54.2

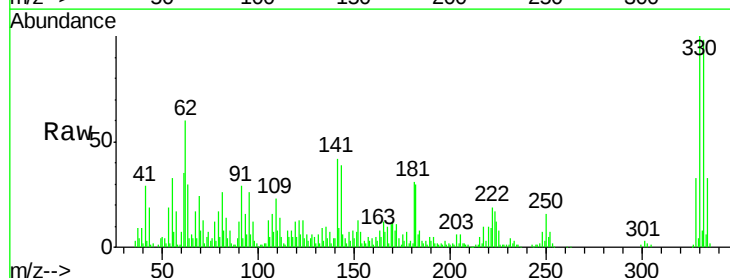


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

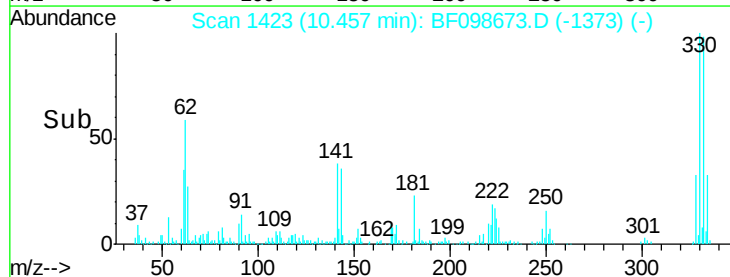
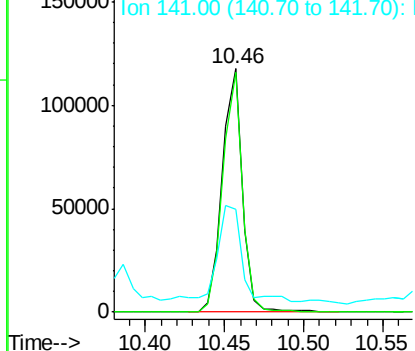


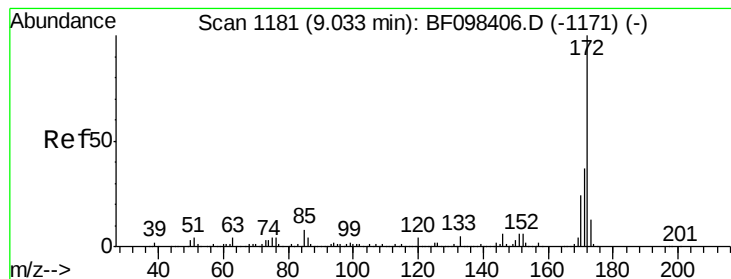
#41
2,4,6-Tribromophenol
Concen: 117.31 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion:330 Resp: 103834
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 48.8 31.4 47.2#



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

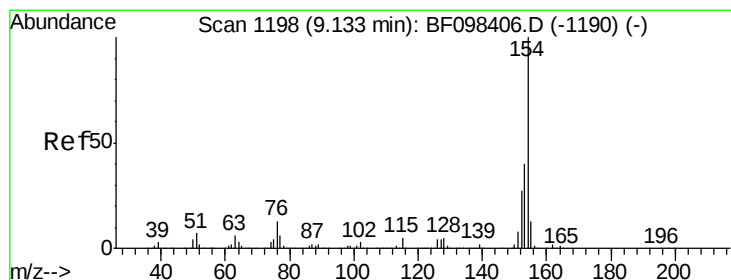
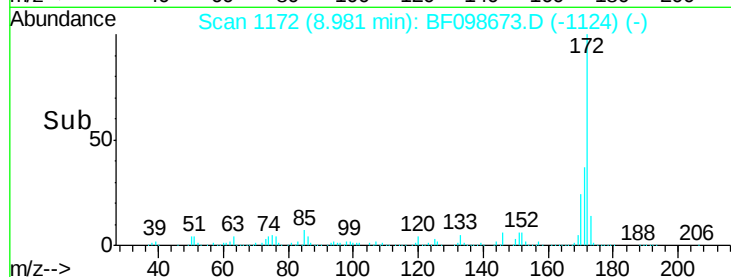
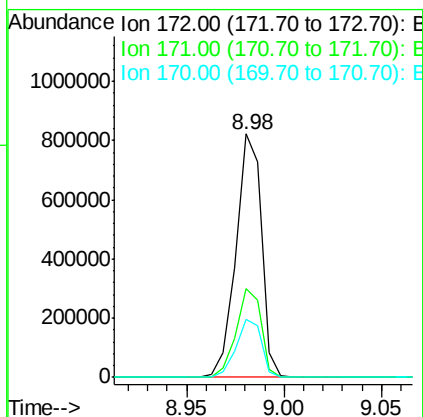
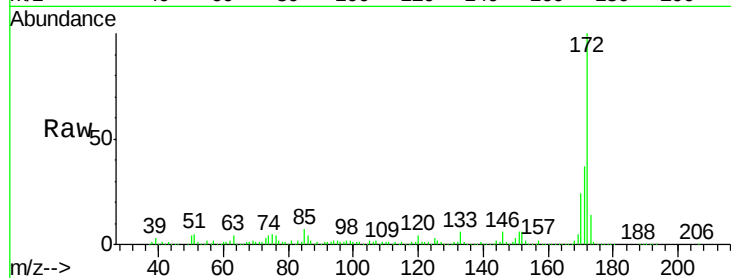




#44
 2-Fluorobiphenyl
 Concen: 94.99 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

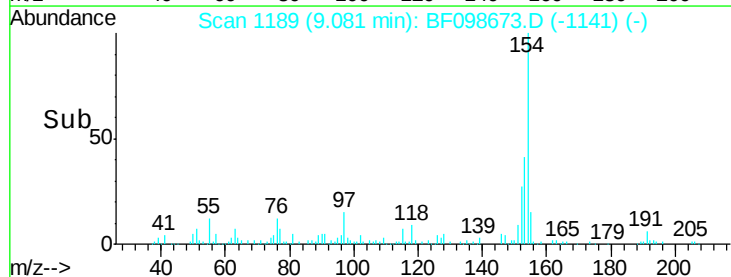
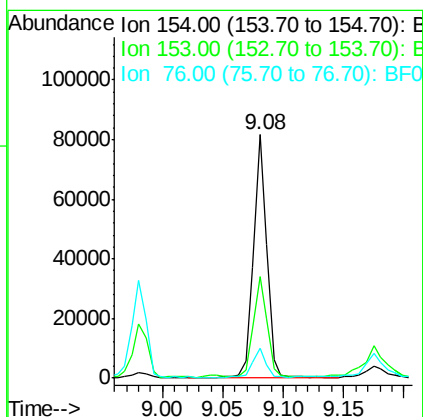
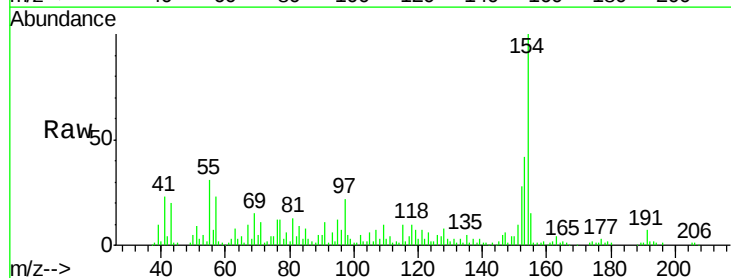
Instrument :
 BNA_F
 ClientSampled :

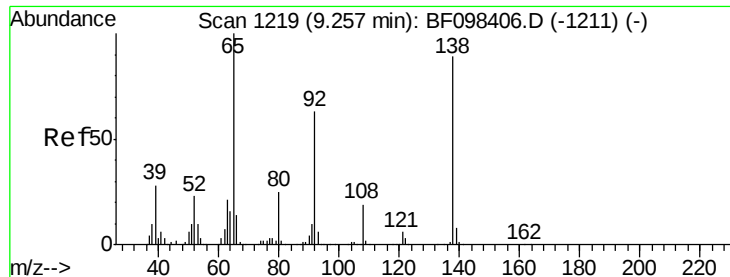
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.8	29.8



#45
 1,1'-Biphenyl
 Concen: 5.43 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	12.2	0.0	29.9

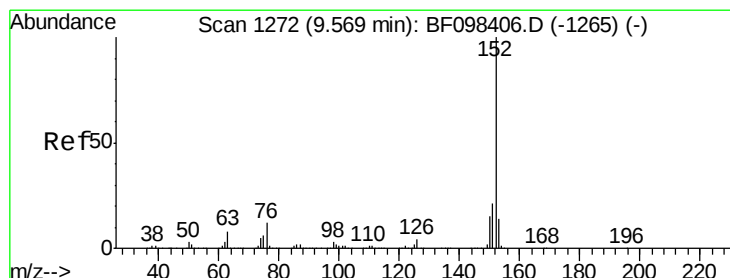
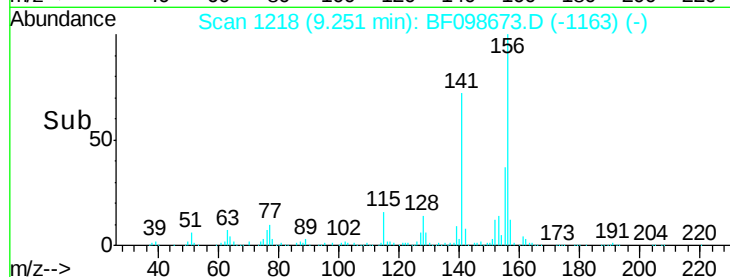
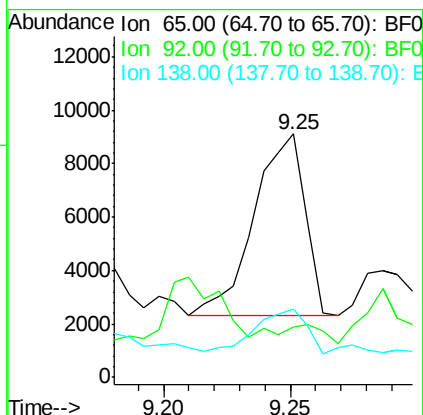
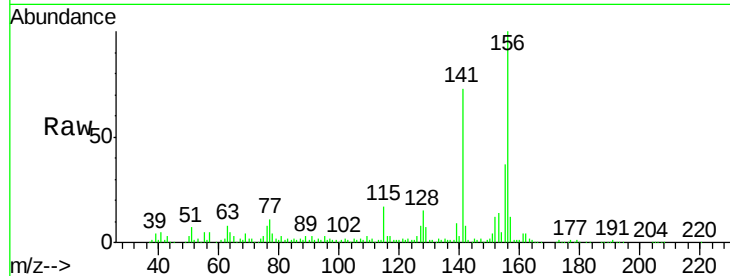




#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

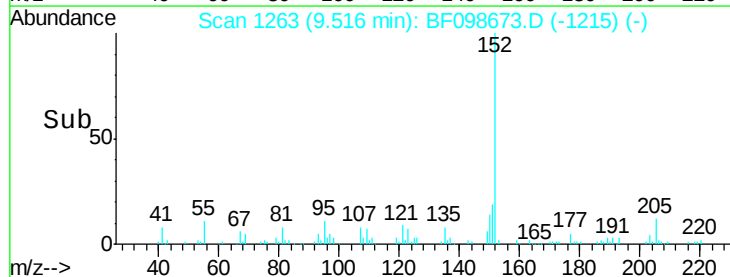
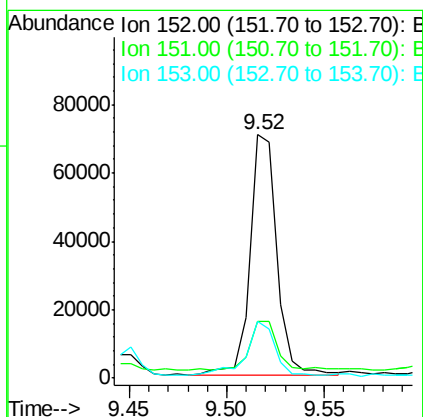
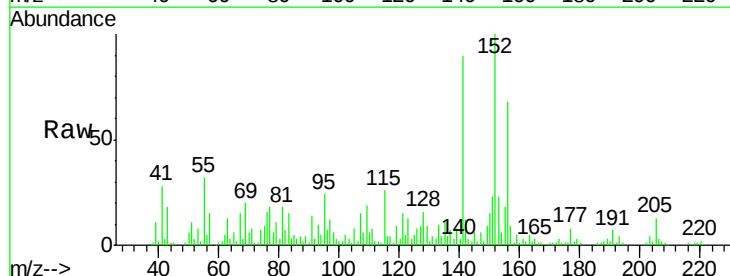
Instrument :
 BNA_F
 ClientSampled :

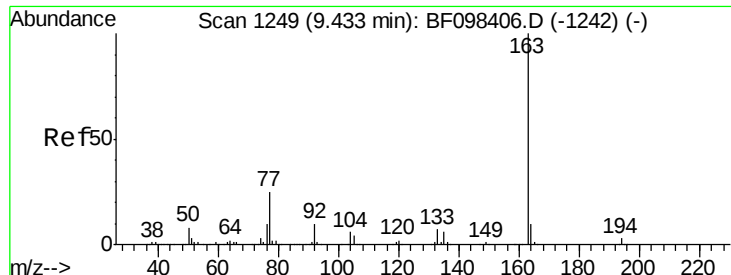
Tot Ion: 65 Resp: 9571
 Ion Ratio Lower Upper
 65 100
 92 20.5 53.9 80.9#
 138 28.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 5.35 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion: 152 Resp: 67418
 Ion Ratio Lower Upper
 152 100
 151 23.5 16.8 25.2
 153 23.5 10.8 16.2#

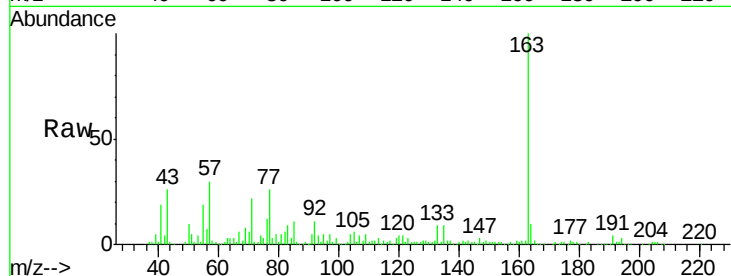




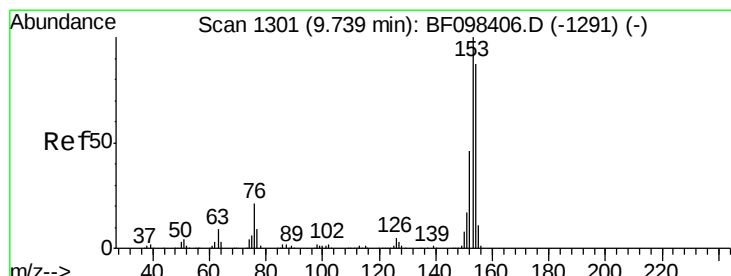
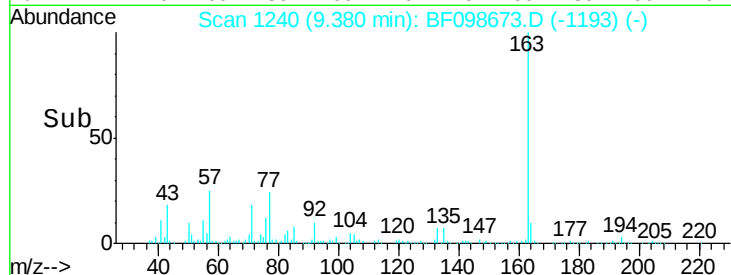
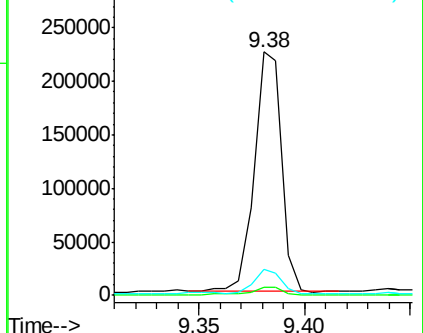
#49
Dimethylphthalate
Concen: 19.60 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 201164
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6

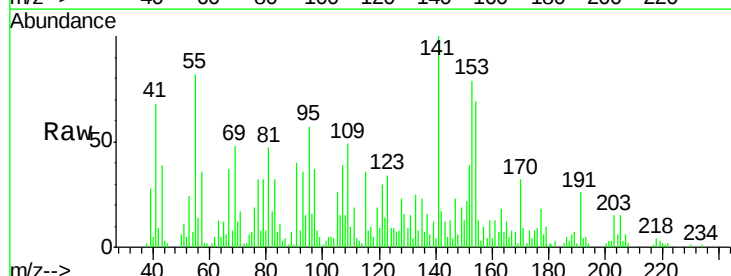


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

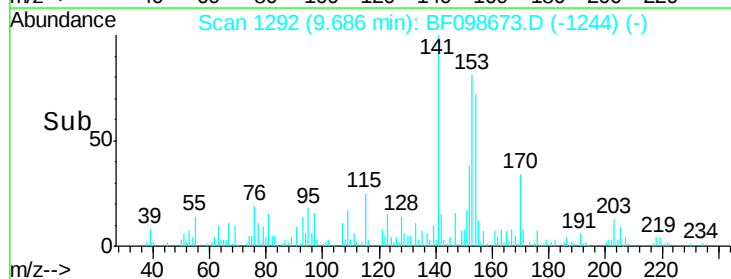
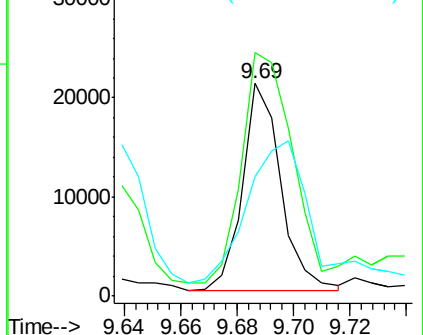


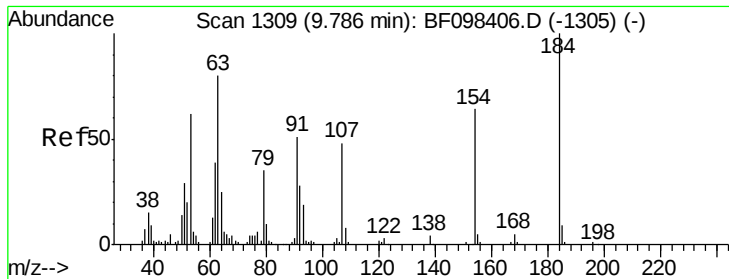
#51
Acenaphthene
Concen: 2.48 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion:154 Resp: 19902
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 56.4 43.6 65.4



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

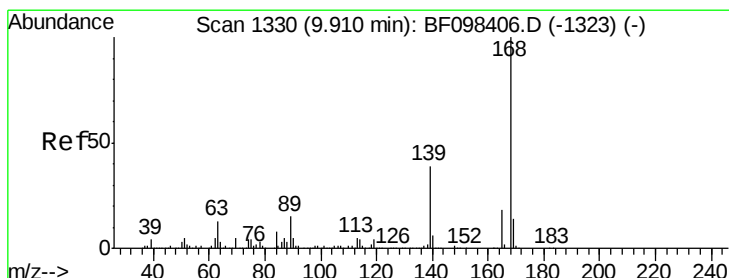
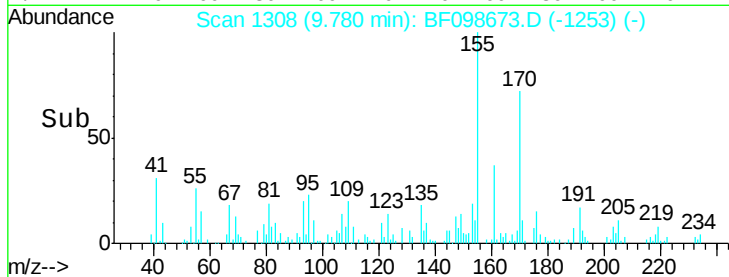
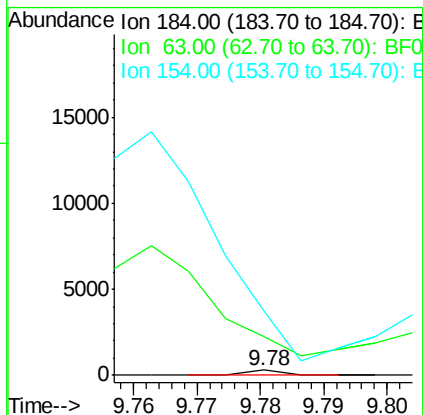
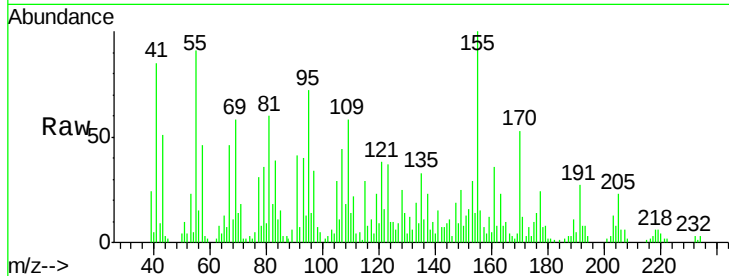




#53
 2,4-Dinitrophenol
 Concen: 8.62 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

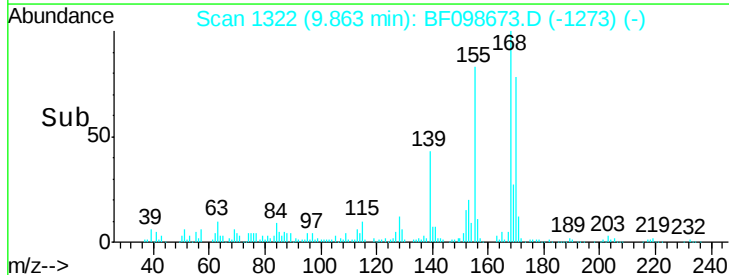
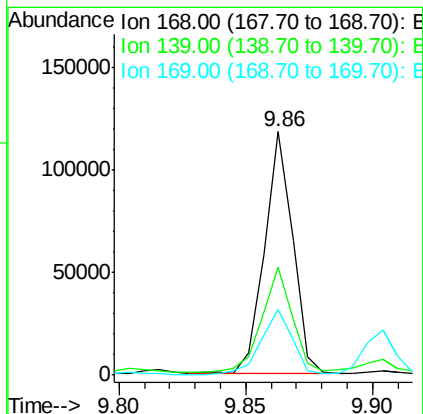
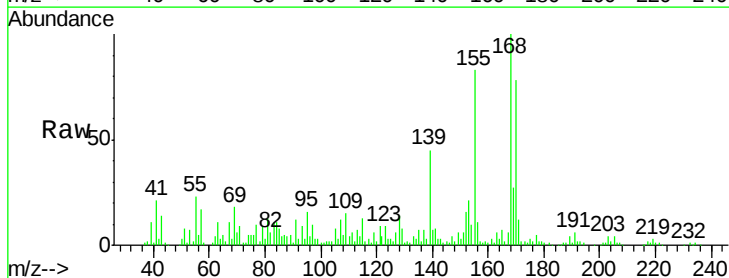
Instrument :
 BNA_F
 ClientSampleId :

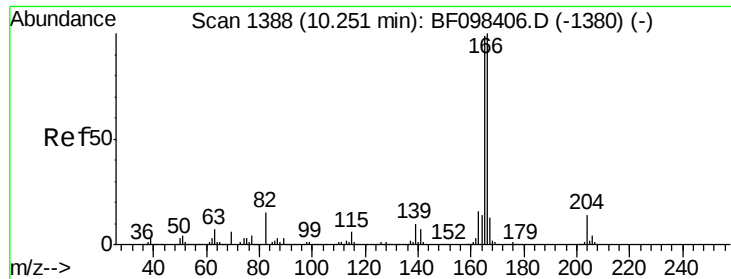
Tot Ion:184 Resp: 108
 Ion Ratio Lower Upper
 184 100
 63 729.7 62.7 94.1#
 154 1225.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 8.82 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:168 Resp: 93057
 Ion Ratio Lower Upper
 168 100
 139 44.6 30.6 45.8
 169 27.0 10.8 16.2#

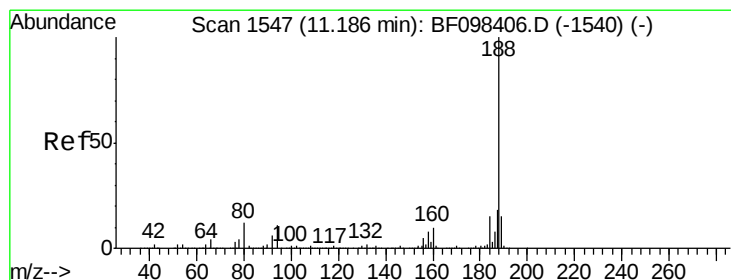
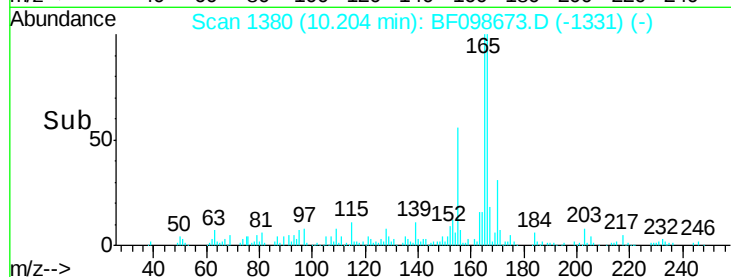
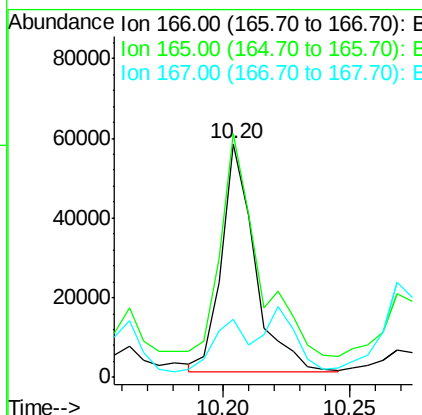
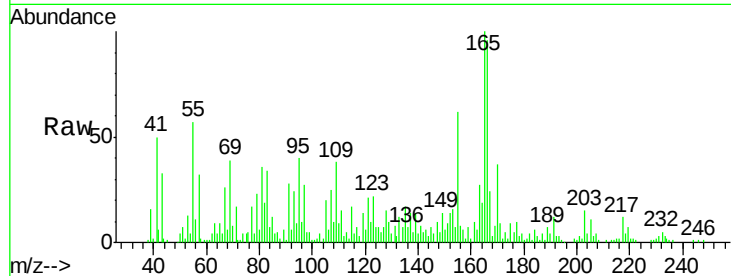




#57
Fluorene
 Concen: 6.04 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

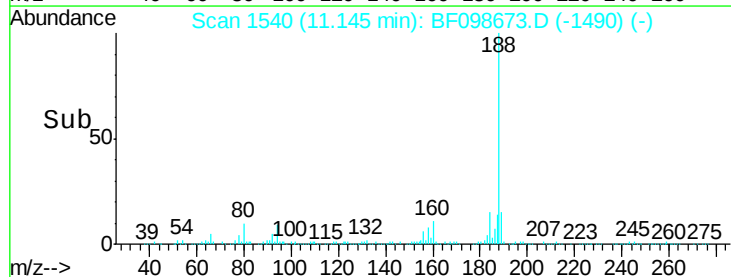
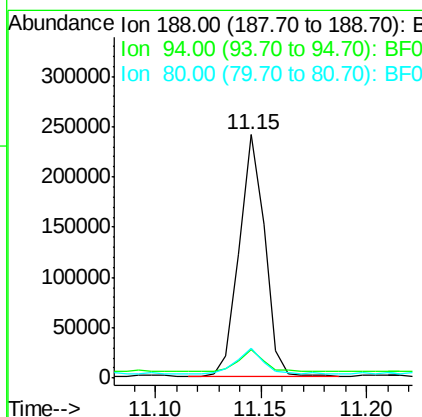
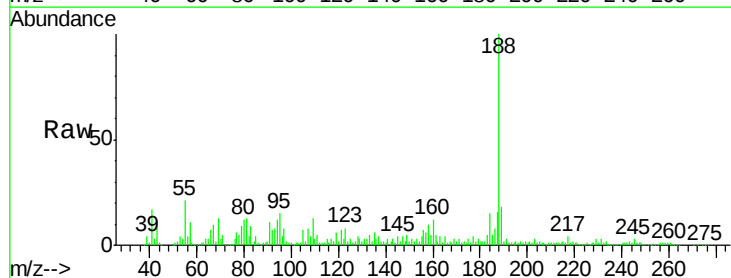
Instrument :
 BNA_F
 ClientSampleId :

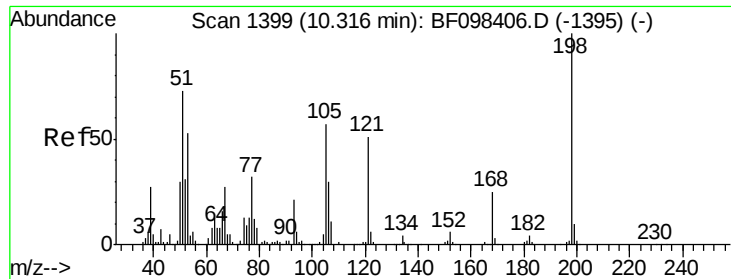
Tot Ion:166 Resp: 52803
 Ion Ratio Lower Upper
 166 100
 165 104.3 78.8 118.2
 167 24.7 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:188 Resp: 198668
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 12.0 10.2 15.2

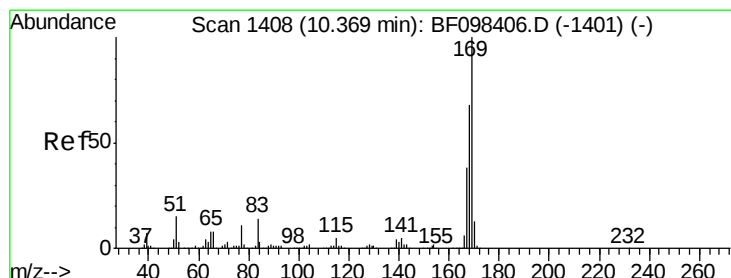
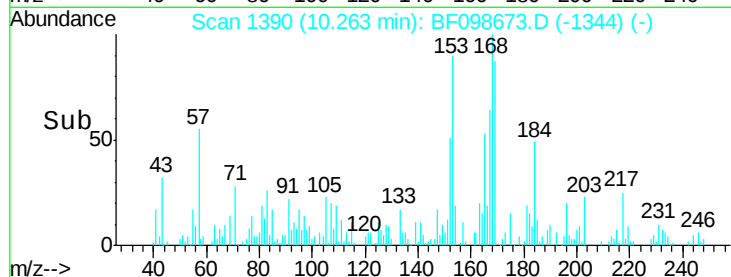
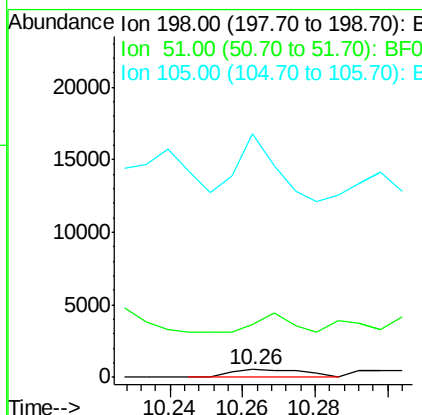
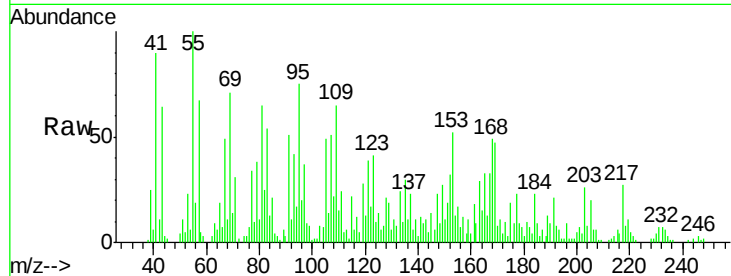




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.50 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

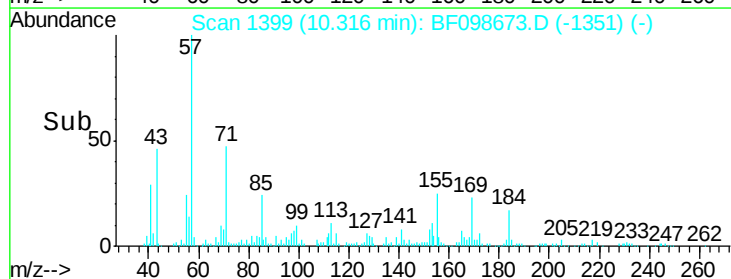
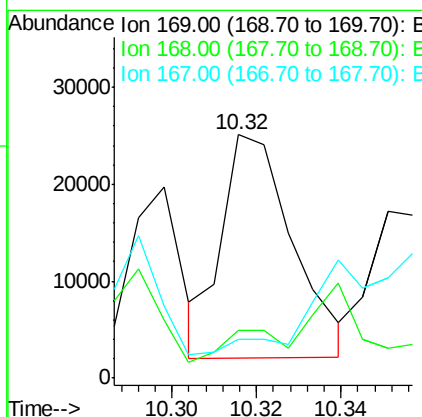
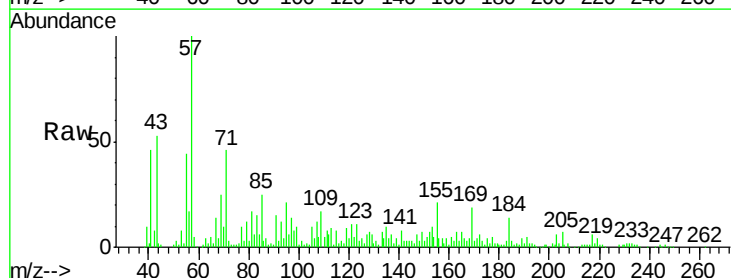
Instrument :
 BNA_F
 ClientSampleId :

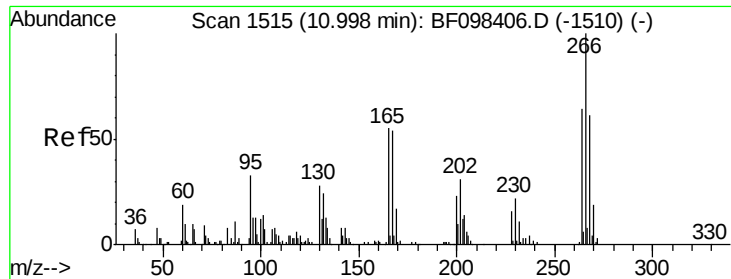
Tot Ion:198 Resp: 732
 Ion Ratio Lower Upper
 198 100
 51 687.0 53.2 93.2#
 105 3160.8 45.8 85.8#



#65
 n-Nitrosodiphenylamine
 Concen: 4.15 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:169 Resp: 26783
 Ion Ratio Lower Upper
 169 100
 168 19.6 53.2 79.8#
 167 15.7 29.5 44.3#

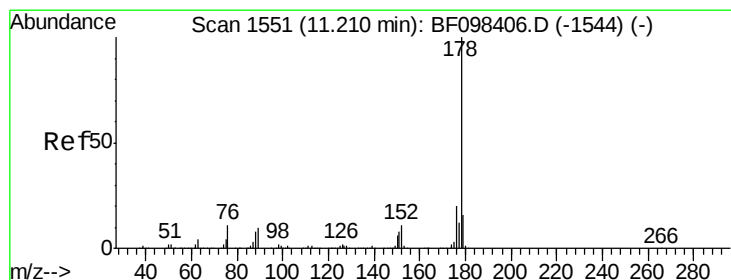
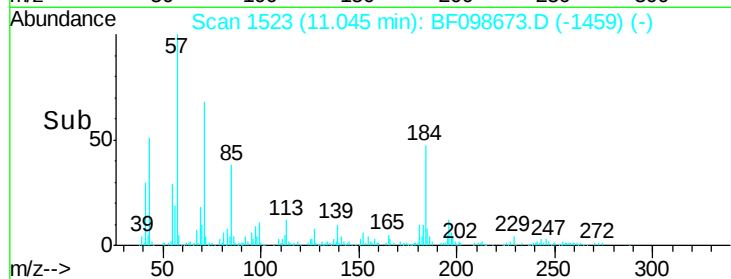
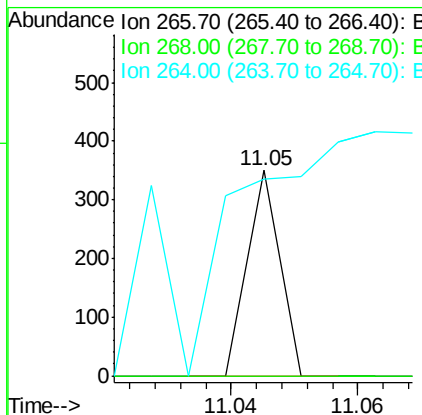
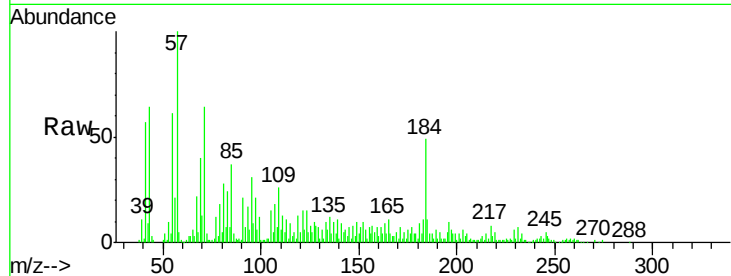




#69
 Pentachlorophenol
 Concen: 7.07 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.08 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

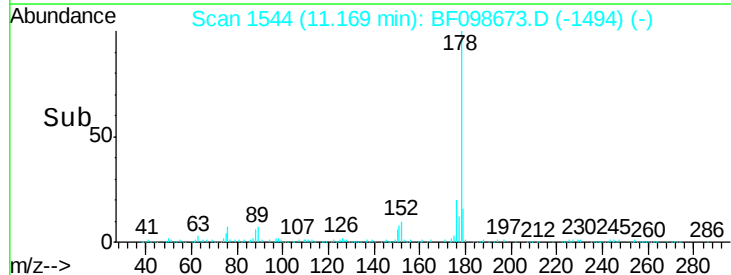
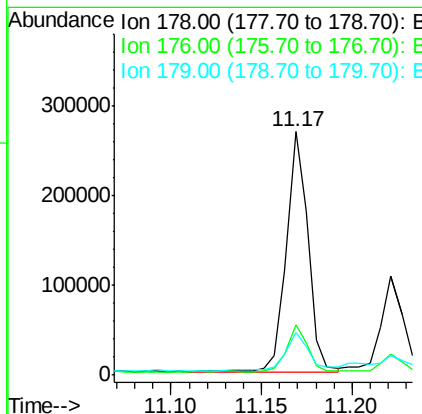
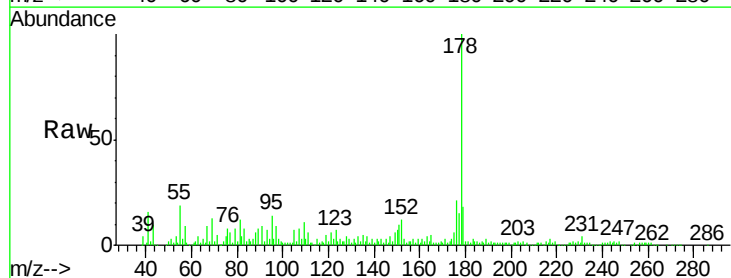
Instrument :
 BNA_F
 ClientSampleId :

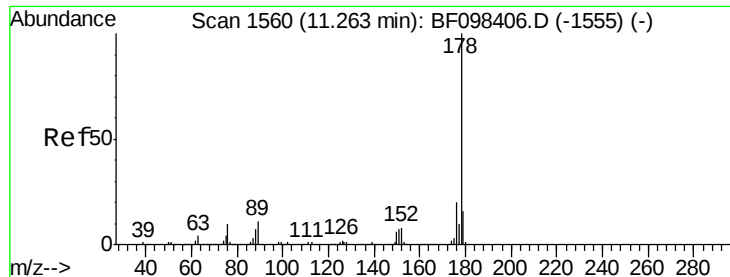
Tot Ion:266 Resp: 124
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 96.0 51.7 77.5#



#70
 Phenanthrene
 Concen: 21.04 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion:178 Resp: 221590
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 17.7 12.6 19.0

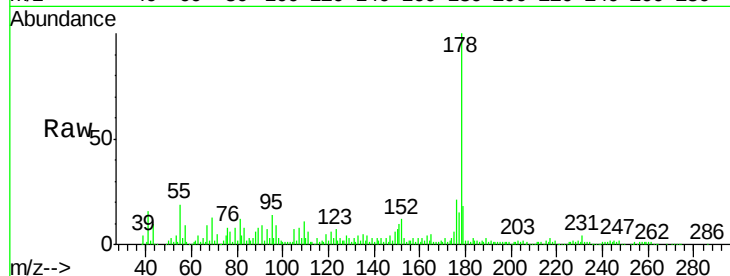




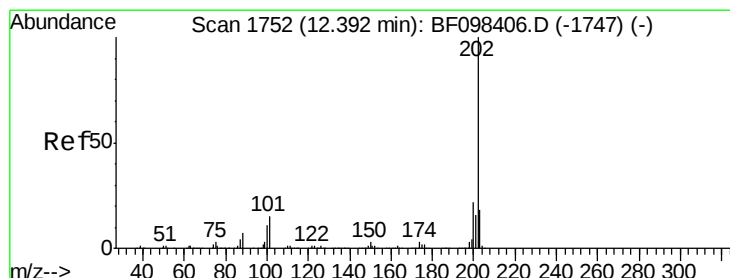
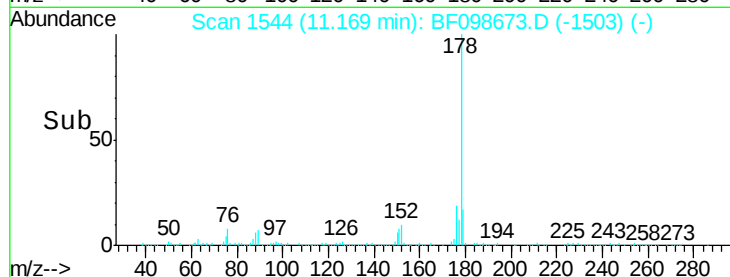
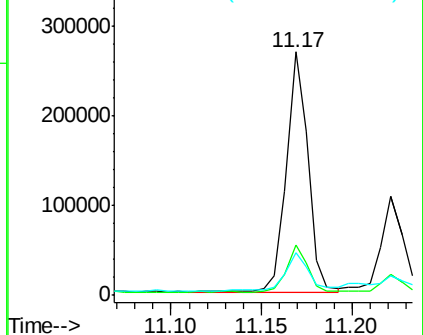
#71
 Anthracene
 Concen: 20.49 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.06 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	17.7	12.7	19.1

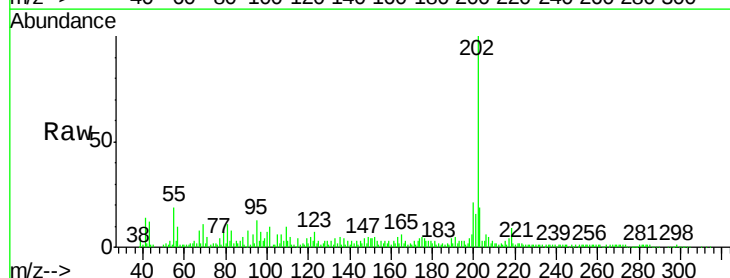


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

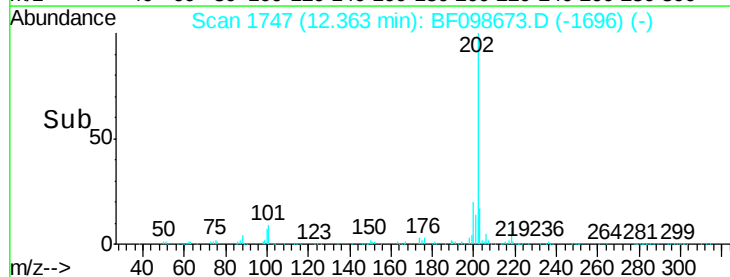
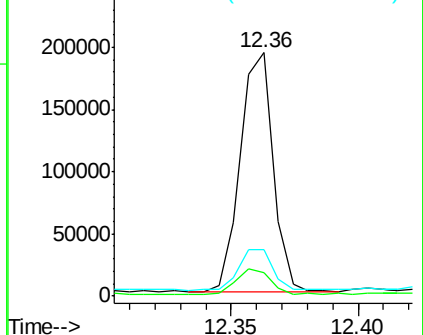


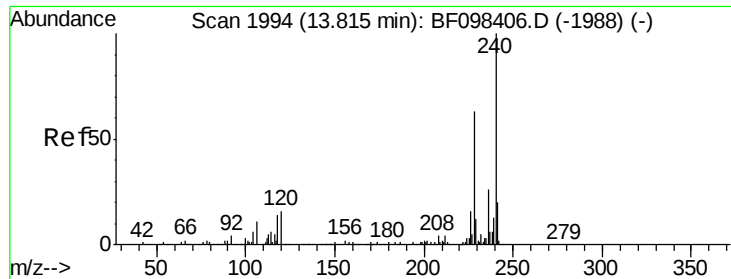
#74
 Fluoranthene
 Concen: 16.60 ng
 RT: 12.36 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	33.2
203	19.1	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: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampled :

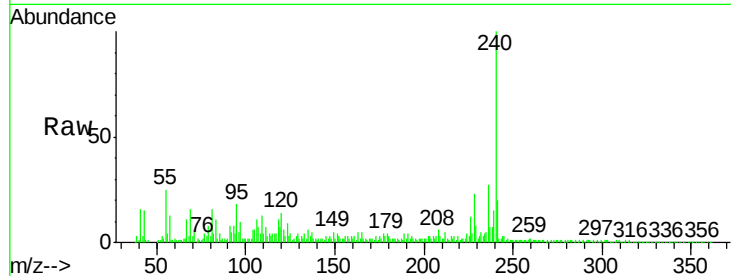
Tot Ion:240 Resp: 186648

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

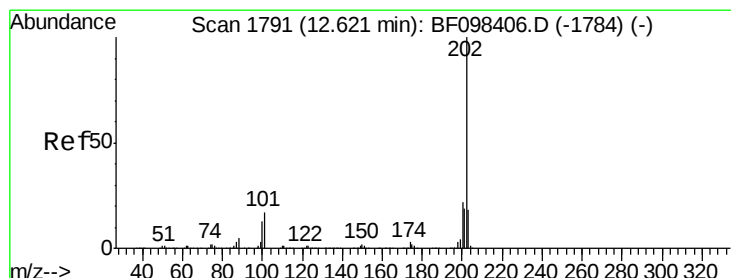
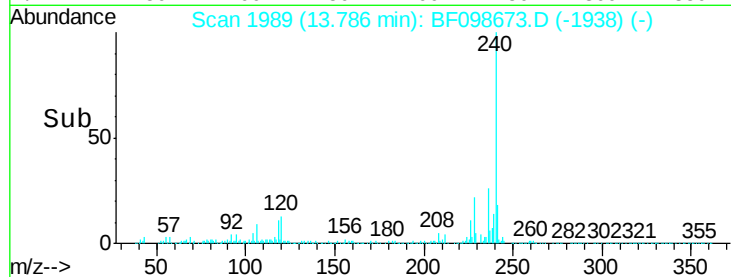
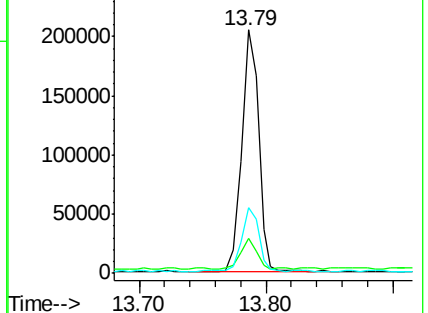
236 26.9 20.5 30.7



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



#77

Pyrene

Concen: 13.00 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

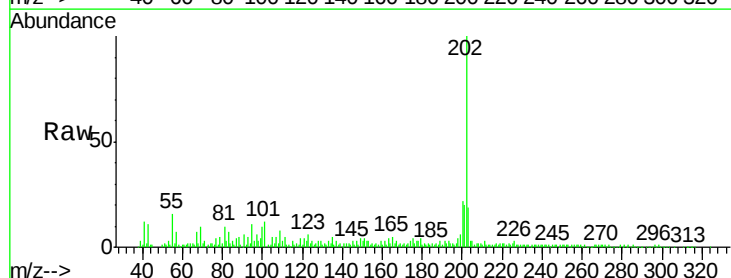
Tgt Ion:202 Resp: 191456

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

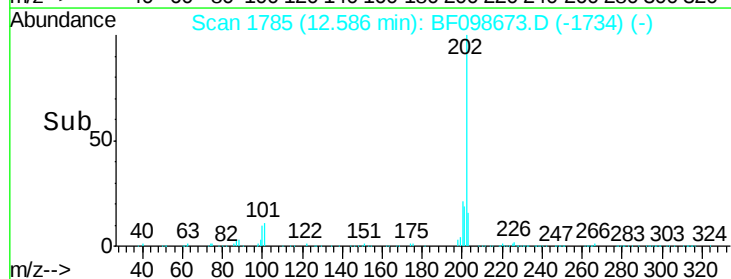
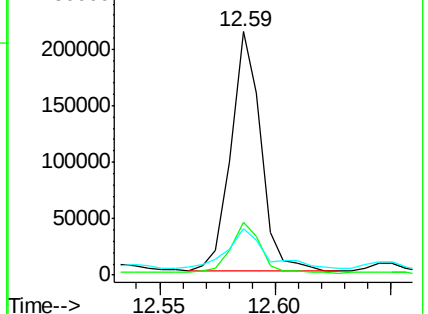
203 19.0 14.4 21.6

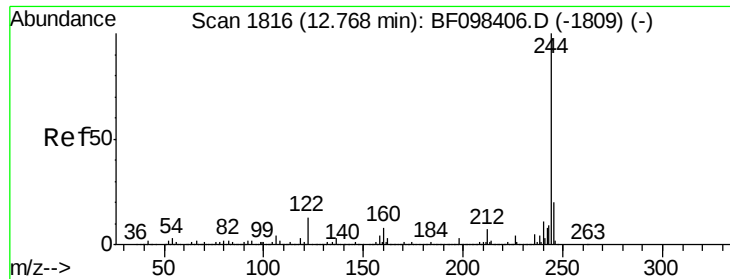


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

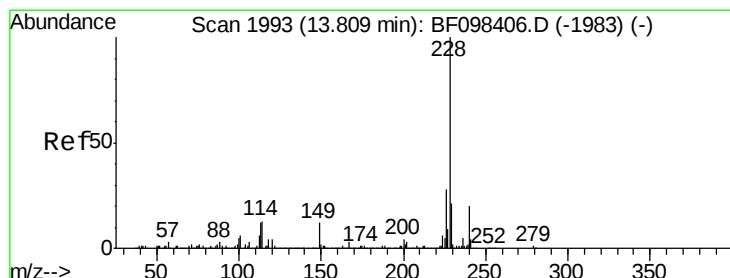
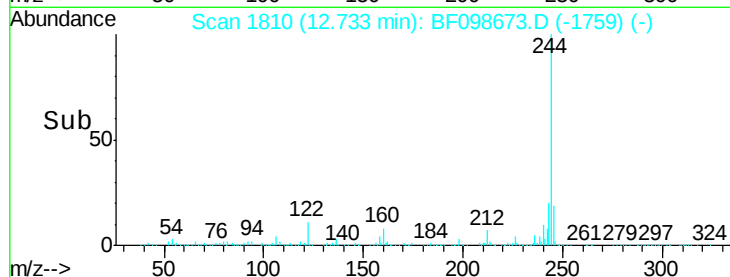
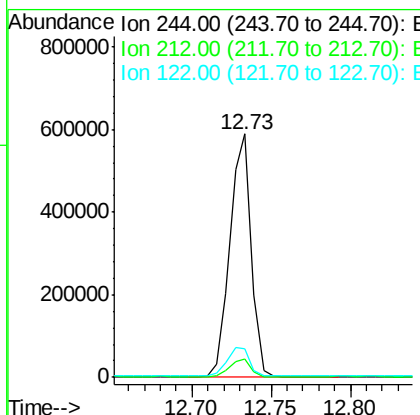
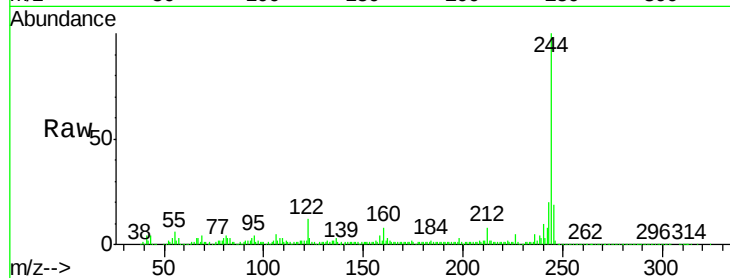




#78
 Terphenyl-d14
 Concen: 62.87 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

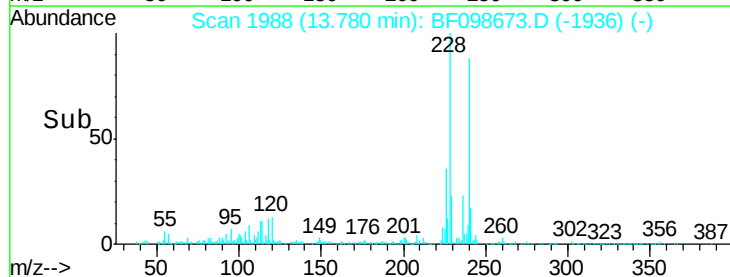
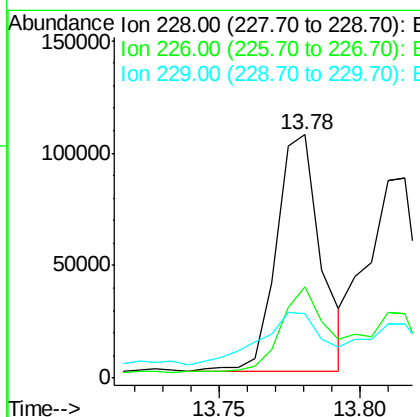
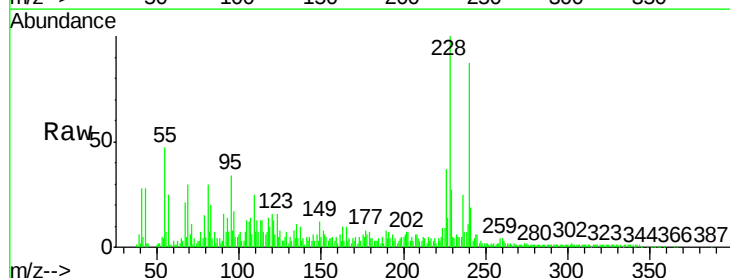
Instrument :
 BNA_F
 ClientSampleId :

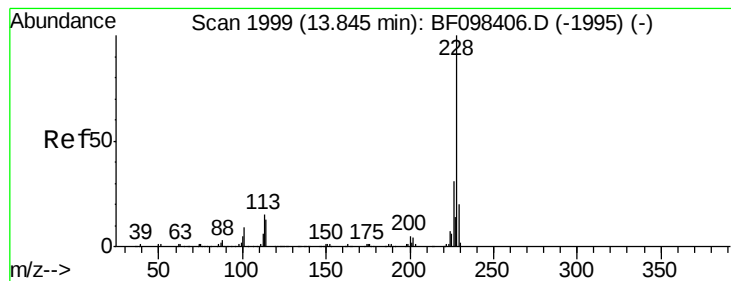
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.8	10.3	15.5



#80
 Benzo(a)anthracene
 Concen: 10.55 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: BF098673.D
 Acq: 20 Sep 2017 21:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.3	22.6	33.8#
229	26.7	16.3	24.5#





#82

Chrysene

Concen: 9.64 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampled :

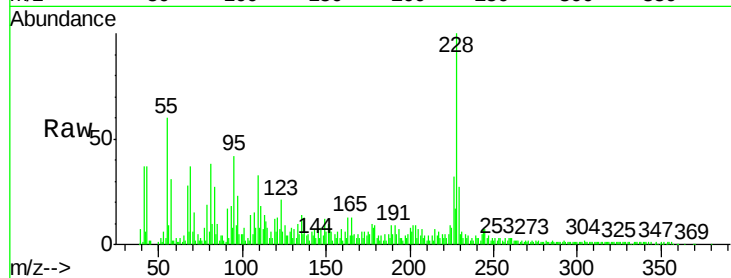
Tot Ion:228 Resp: 106643

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

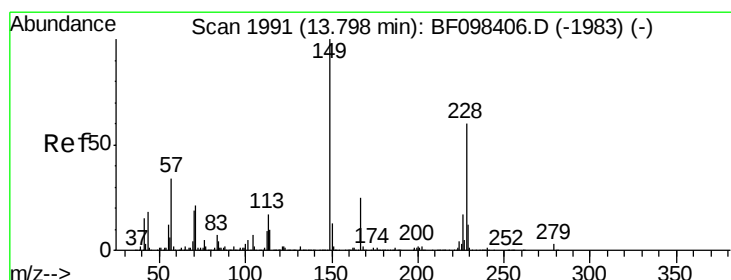
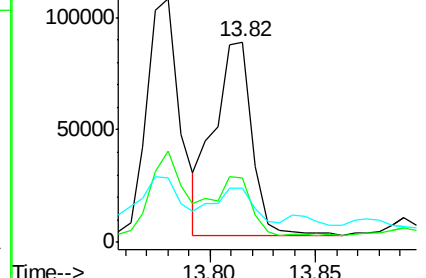
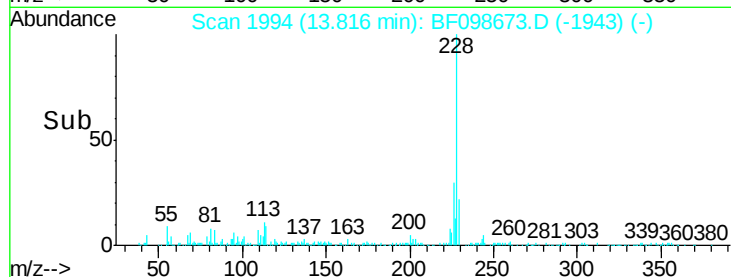
229 27.0 15.8 23.6#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.31 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

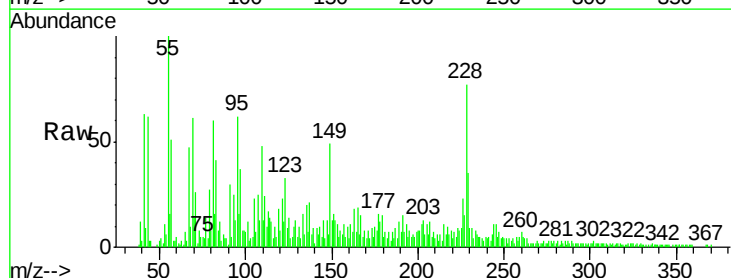
Tgt Ion:149 Resp: 18504

Ion Ratio Lower Upper

149 100

167 31.5 21.0 31.4#

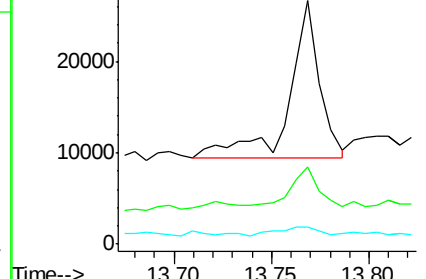
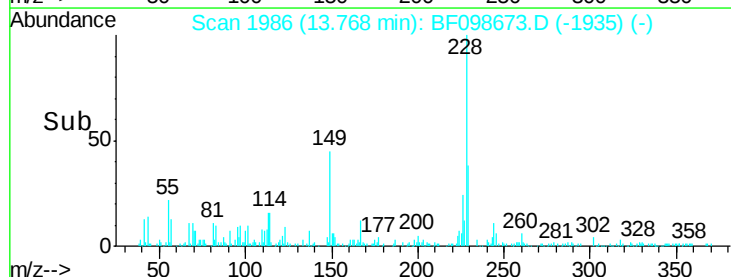
279 7.0 1.9 2.9#

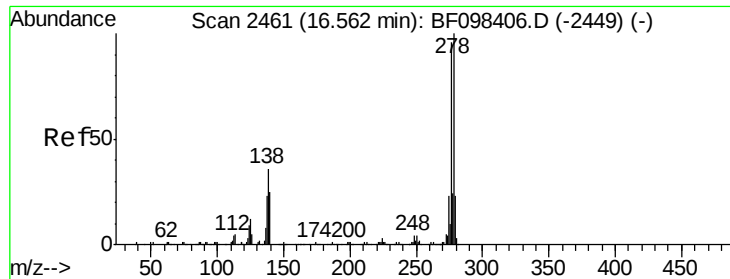


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

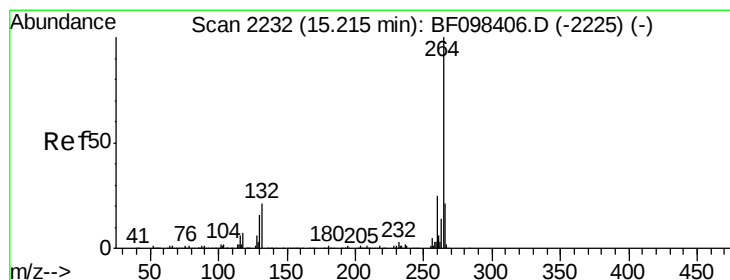
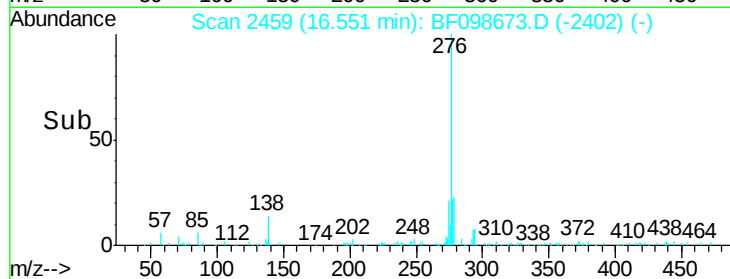
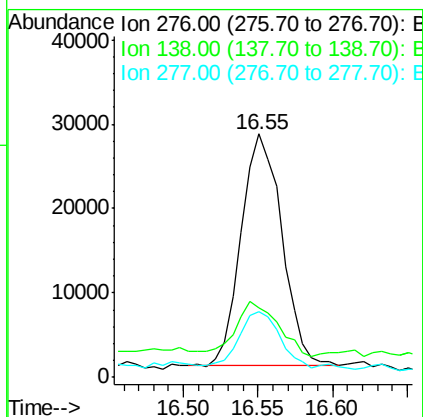
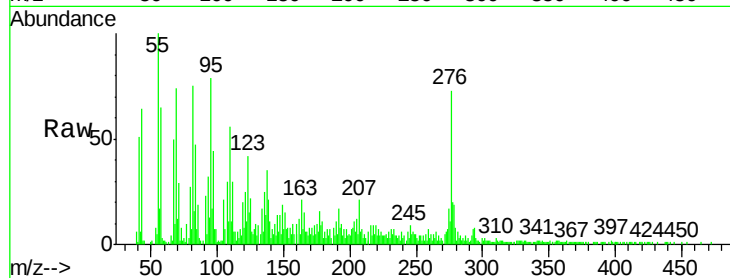




#85
Indeno(1,2,3-cd)pyrene
Concen: 6.71 ng
RT: 16.55 min Scan# 2459
Delta R.T. 0.04 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

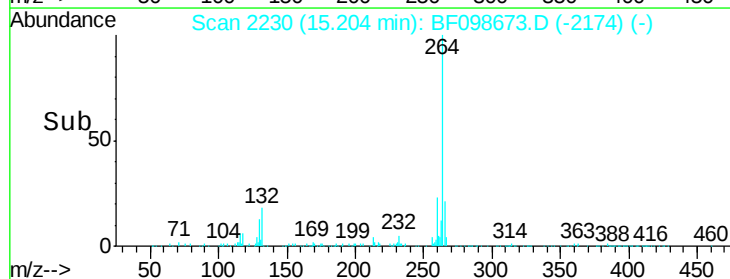
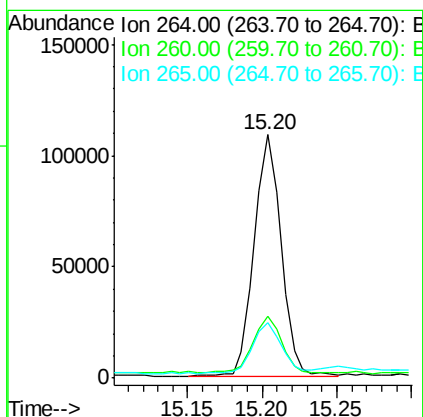
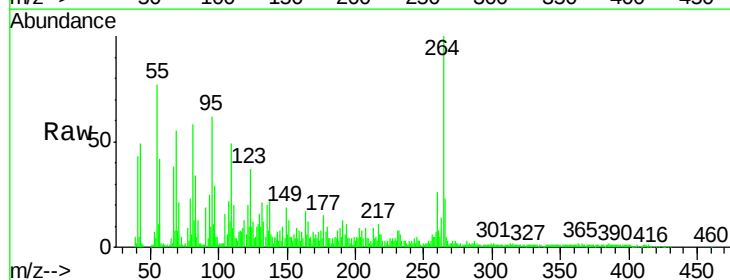
Instrument :
BNA_F
ClientSampleId :

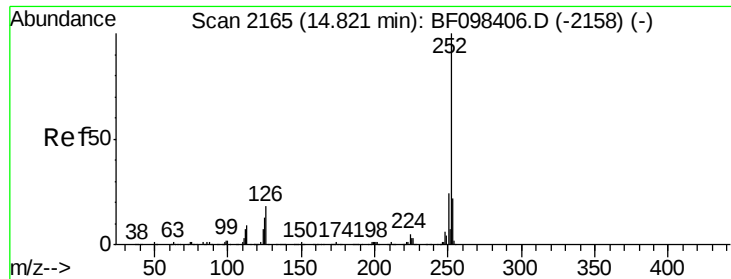
Tot Ion:276 Resp: 52103
Ion Ratio Lower Upper
276 100
138 25.2 27.8 41.6#
277 24.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.03 min
Lab File: BF098673.D
Acq: 20 Sep 2017 21:20

Tgt Ion:264 Resp: 136088
Ion Ratio Lower Upper
264 100
260 25.6 19.5 29.3
265 22.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 22.04 ng

RT: 14.81 min Scan# 2163

Delta R.T. 0.02 min

Lab File: BF098673.D

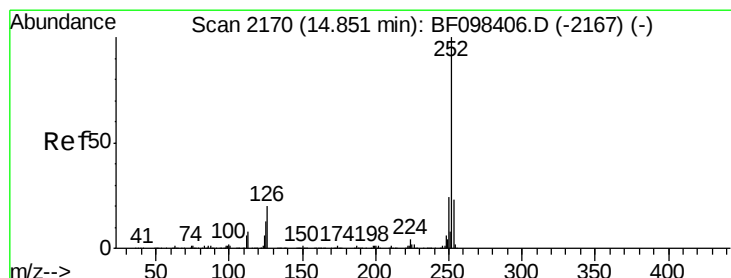
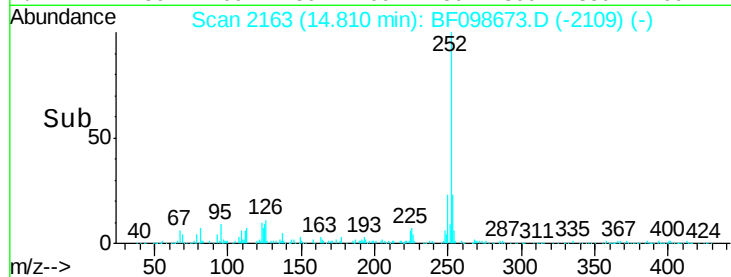
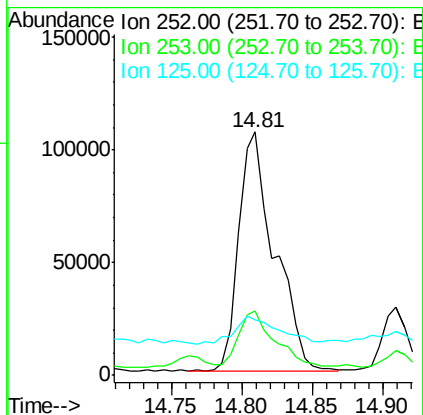
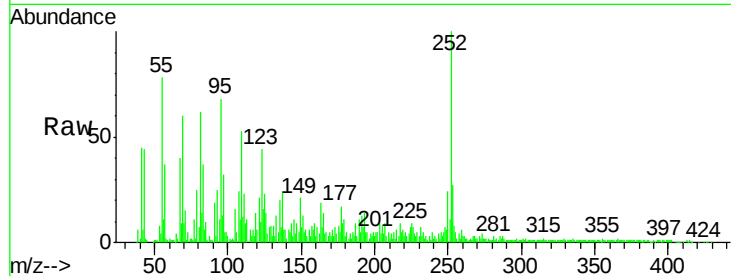
Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	188600
Ion Ratio	Lower	Upper
252	100	
253	26.7	18.1 27.1
125	23.0	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 23.61 ng

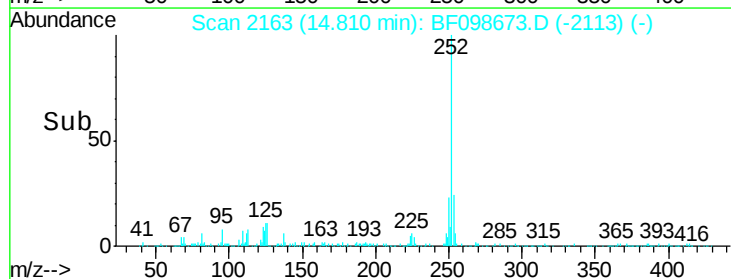
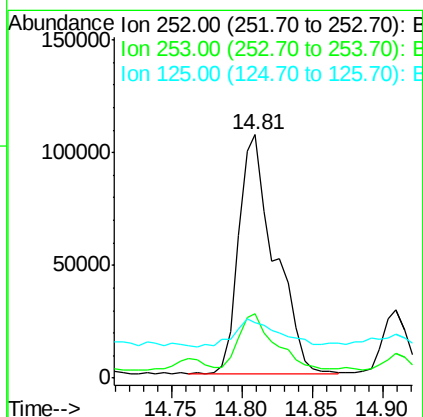
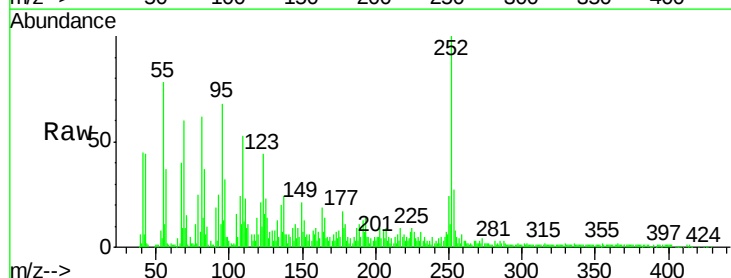
RT: 14.81 min Scan# 2163

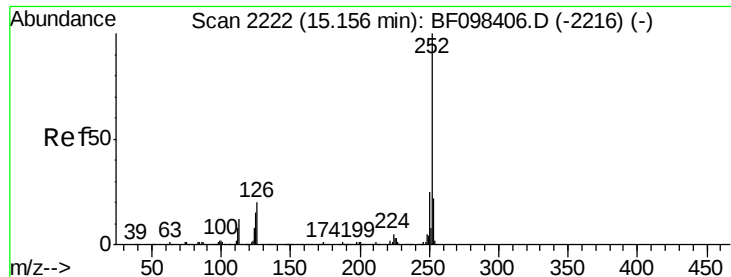
Delta R.T. -0.01 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Tgt Ion:252	Resp:	188600
Ion Ratio	Lower	Upper
252	100	
253	26.7	18.4 27.6
125	23.0	13.1 19.7#





#89

Benzo(a)pyrene

Concen: 9.82 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampleId :

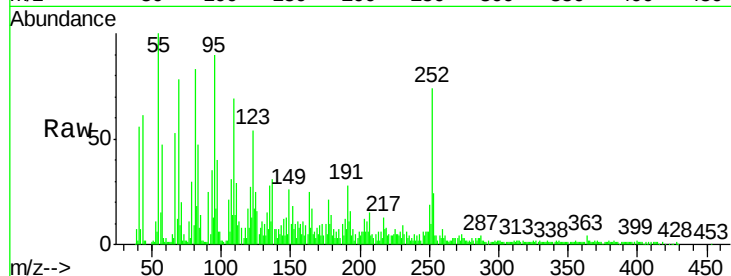
Tot Ion:252 Resp: 74846

Ion Ratio Lower Upper

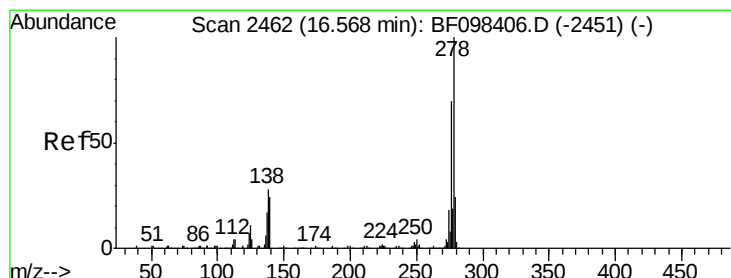
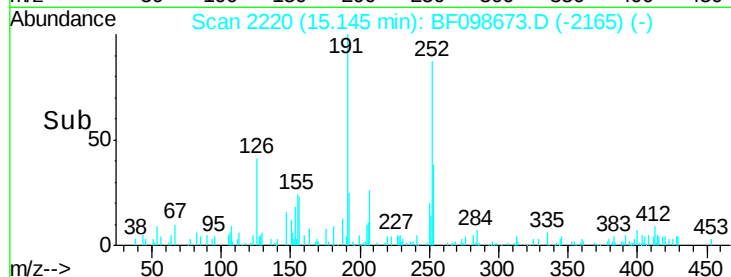
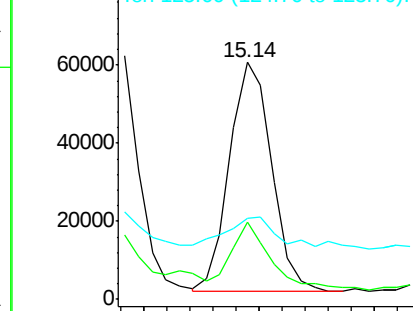
252 100

253 32.7 17.5 26.3#

125 34.4 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.65 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.04 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

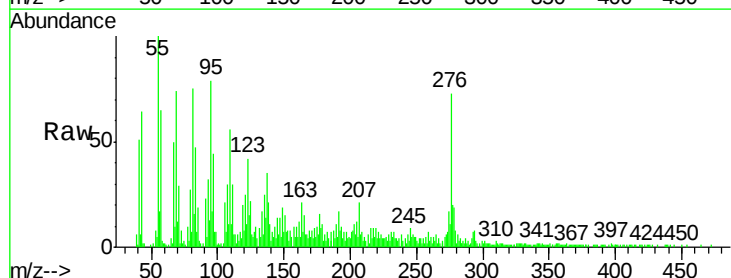
Tgt Ion:278 Resp: 14703

Ion Ratio Lower Upper

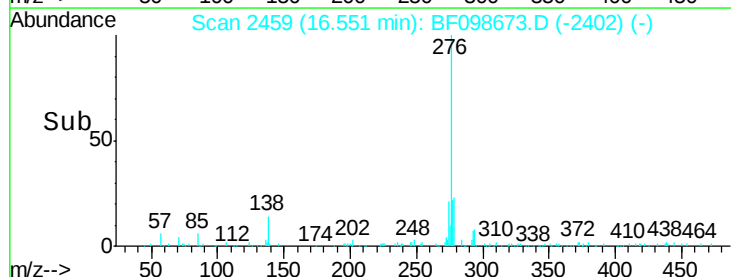
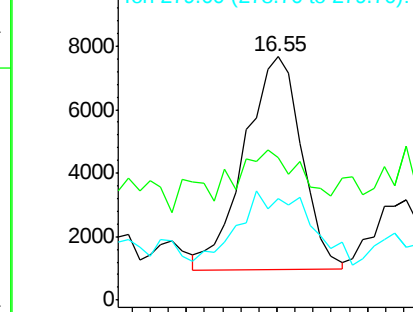
278 100

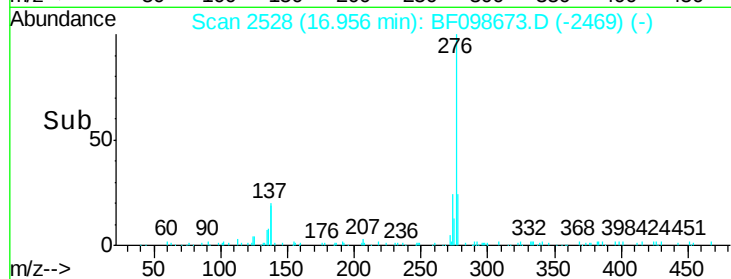
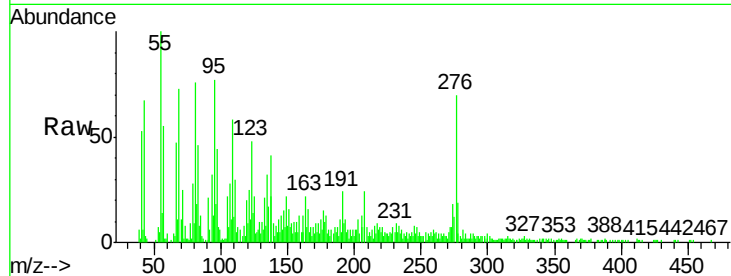
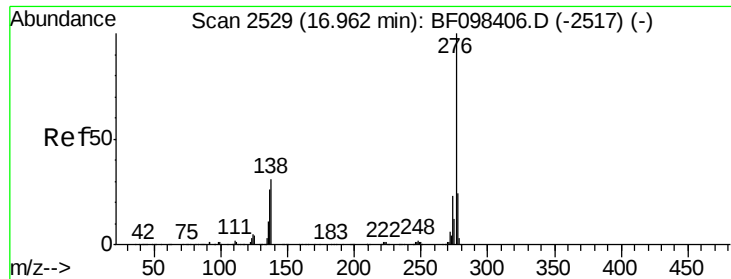
139 58.7 16.6 24.8#

279 41.8 19.3 28.9#



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(a,h,i)perylene

Concen: 8.64 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.05 min

Lab File: BF098673.D

Acq: 20 Sep 2017 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 48191

Ion Ratio Lower Upper

276 100

277 27.3 18.6 28.0

138 31.1 25.4 38.0

