

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098765.D
 Acq On : 24 Sep 2017 4:33
 Operator : SJ/JU
 Sample : I5291-01DL 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 05:05:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130318	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	463323	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	168425	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	264906	20.00	ng	0.00
75) Chrysene-d12	14.09	240	277859	20.00	ng	0.00
86) Perylene-d12	15.58	264	213496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	23647	2.89	ng	-0.01
7) Phenol-d6	6.53	99	29116	2.88	ng	-0.01
23) Nitrobenzene-d5	7.47	82	14880	2.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	3264	2.37	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	28476	2.82	ng	0.00
78) Terphenyl-d14	13.03	244	25905	2.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	213	0.05	ng	# 20
9) Benzaldehyde	6.69	77	583	0.10	ng	# 74
10) Phenol	6.55	94	726	0.06	ng	# 65
15) Benzyl Alcohol	7.07	79	362	0.05	ng	# 42
18) Hexachloroethane	7.45	117	268	0.08	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	228	0.04	ng	# 51
22) Acetophenone	7.32	105	448	0.04	ng	# 54
24) Nitrobenzene	7.57	77	110	0.01	ng	# 38
25) Isophorone	7.73	82	1393	0.09	ng	# 1
28) bis(2-Chloroethoxy)methane	7.85	93	232	0.02	ng	# 1
31) Naphthalene	8.23	128	457384	21.02	ng	100
32) Benzoic acid	8.23	122	1025	0.17	ng	# 1
33) 4-Chloroaniline	8.23	127	61159	6.73	ng	# 35
35) Caprolactam	8.92	113	12649	6.17	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	1345	0.19	ng	# 20
37) 2-Methylnaphthalene	8.92	142	564475	39.90	ng	99
45) 1,1'-Biphenyl	9.38	154	14452	1.00	ng	97
46) 2-Chloronaphthalene	9.19	162	587	0.05	ng	# 92
47) 2-Nitroaniline	9.47	65	909	0.27	ng	# 49
48) Acenaphthylene	9.82	152	2992	0.18	ng	# 1
49) Dimethylphthalate	9.67	163	7982	0.63	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	1000	0.36	ng	# 44
51) Acenaphthene	9.99	154	1780	0.17	ng	# 29
52) 3-Nitroaniline	9.91	138	1506	0.47	ng	# 32
53) 2,4-Dinitrophenol	10.18	184	119	5.90	ng	# 1
54) Dibenzofuran	10.15	168	3093	0.22	ng	# 1
55) 4-Nitrophenol	10.06	139	872	0.32	ng	# 1
56) 2,4-Dinitrotoluene	10.13	165	3367	0.94	ng	# 43
57) Fluorene	10.51	166	4743	0.42	ng	# 41
58) 2,3,4,6-Tetrachlorophenol	10.30	232	108	0.04	ng	# 1
59) Diethylphthalate	10.37	149	3545	0.29	ng	# 50
60) 4-Chlorophenyl-phenylether	10.49	204	234	0.05	ng	# 1
61) 4-Nitroaniline	10.42	138	3488	1.12	ng	80
62) Azobenzene	10.66	77	4979	0.44	ng	# 31

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098765.D
 Acq On : 24 Sep 2017 4:33
 Operator : SJ/JU
 Sample : I5291-01DL 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

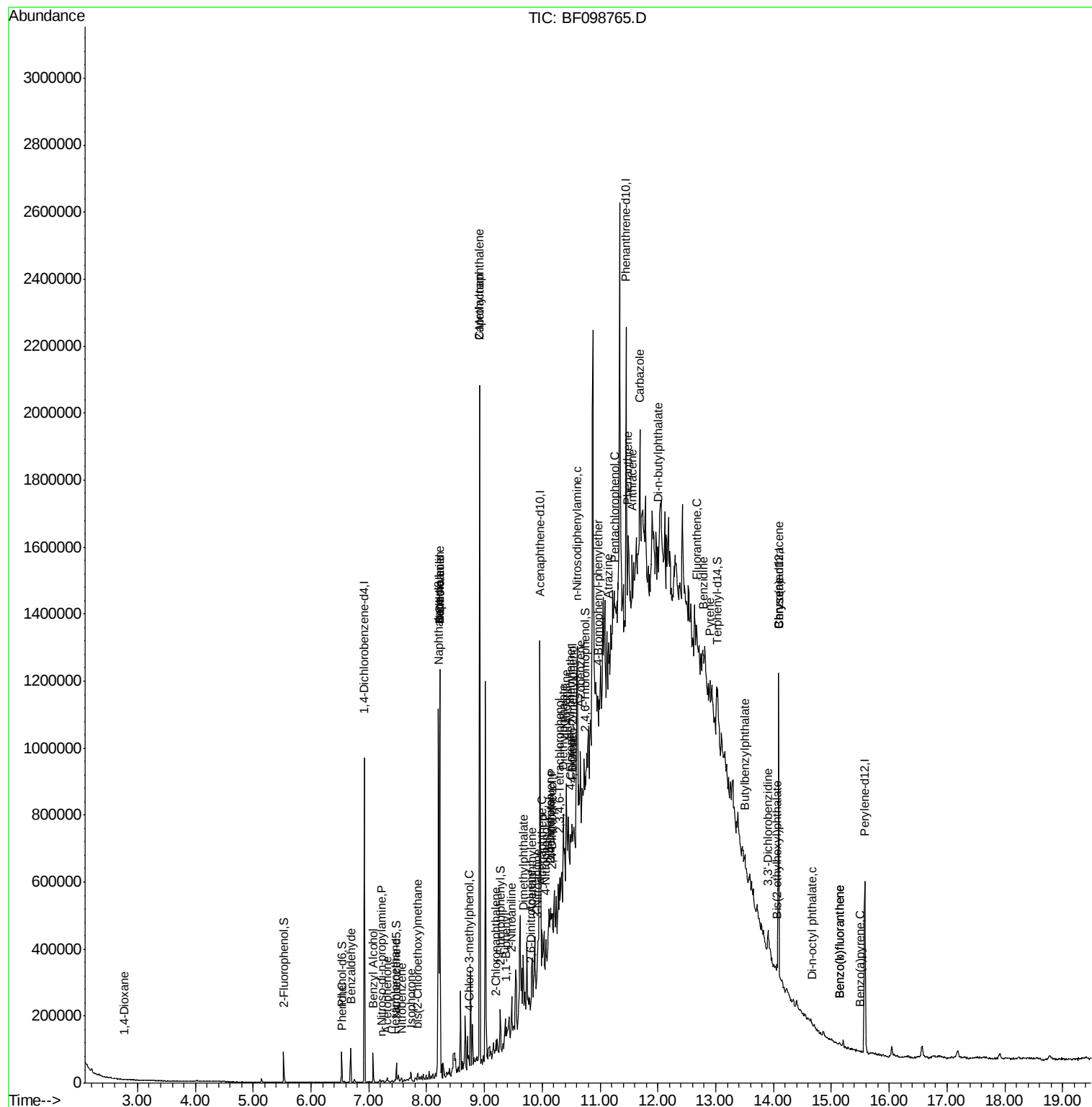
Quant Time: Sep 25 05:05:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

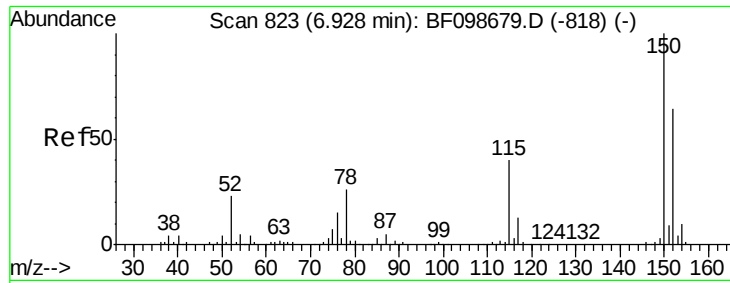
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.53	198	259	0.16	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	5171	0.56	nq	# 81
66) 4-Bromophenyl-phenylether	10.97	248	108	0.04	nq	# 1
68) Atrazine	11.15	200	827	0.30	nq	# 1
69) Pentachlorophenol	11.26	266	238	0.14	nq	# 3
70) Phenanthrene	11.47	178	3224	0.23	nq	# 1
71) Anthracene	11.56	178	2816	0.19	nq	# 1
72) Carbazole	11.70	167	519	0.04	nq	# 1
73) Di-n-butylphthalate	11.99	149	6034	0.35	nq	# 25
74) Fluoranthene	12.66	202	562	0.04	nq	# 1
76) Benzidine	12.79	184	1269	0.12	nq	# 1
77) Pyrene	12.89	202	759	0.04	nq	# 1
79) Butylbenzylphthalate	13.50	149	515	0.05	nq	# 64
80) Benzo(a)anthracene	14.09	228	942	0.06	nq	# 20
81) 3,3'-Dichlorobenzidine	13.90	252	114	0.02	nq	# 1
82) Chrysene	14.09	228	942	0.06	nq	# 20
83) Bis(2-ethylhexyl)phthalate	14.06	149	9288	0.68	nq	# 94
84) Di-n-octyl phthalate	14.67	149	524	0.02	nq	# 75
87) Benzo(b)fluoranthene	15.13	252	260	0.02	nq	# 1
88) Benzo(k)fluoranthene	15.13	252	260	0.02	nq	# 1
89) Benzo(a)pyrene	15.51	252	109	0.01	nq	# 1

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

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 05:05:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

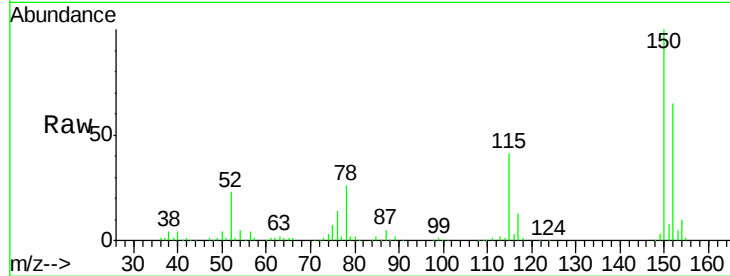
Tot Ion:152 Resp: 130318

Ion Ratio Lower Upper

152 100

150 154.6 124.6 186.8

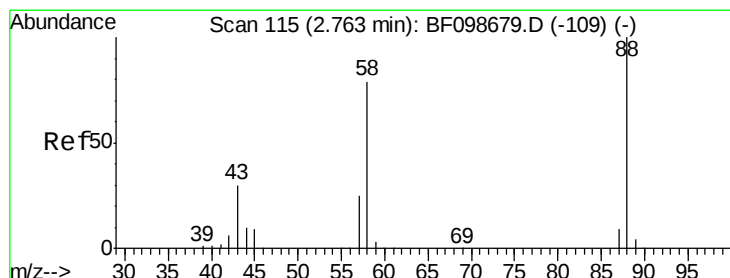
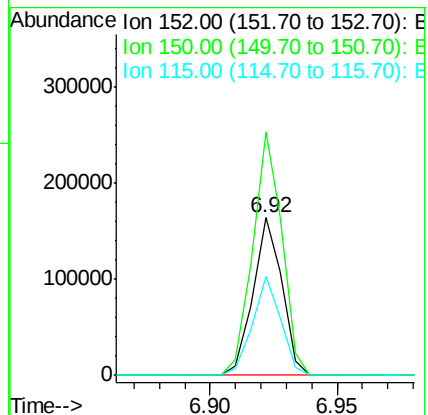
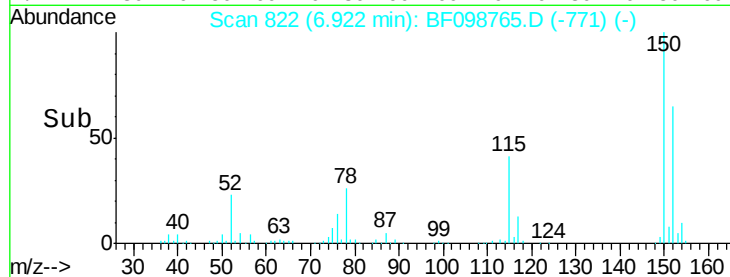
115 62.7 50.1 75.1



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



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 2.77 min Scan# 117

Delta R.T. 0.02 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

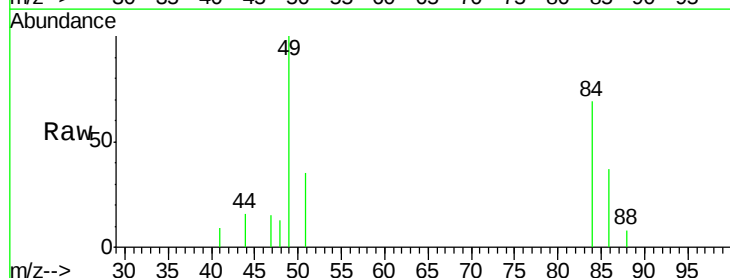
Tgt Ion: 88 Resp: 213

Ion Ratio Lower Upper

88 100

58 0.0 62.6 93.8#

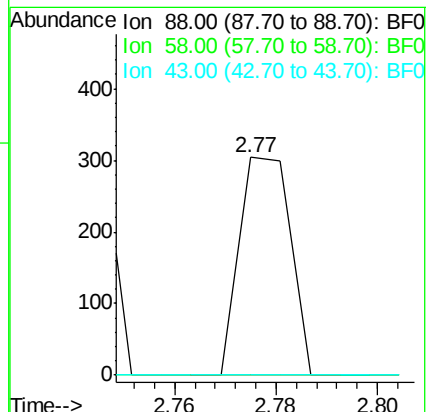
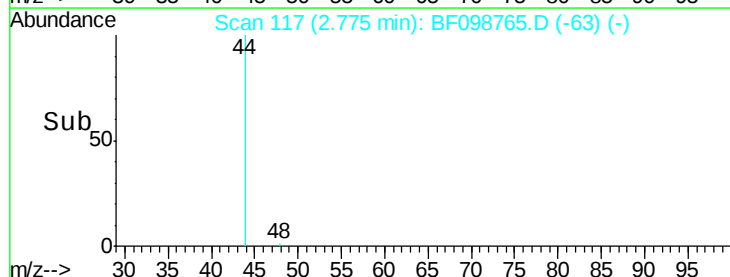
43 0.0 24.6 37.0#

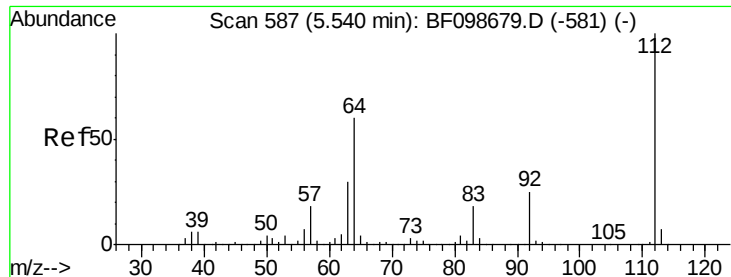


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 2.89 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

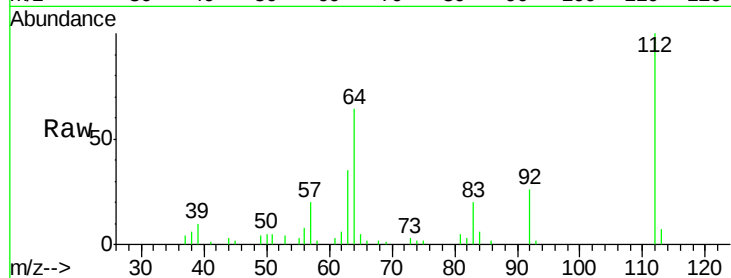
Tot Ion: 112 Resp: 23647

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

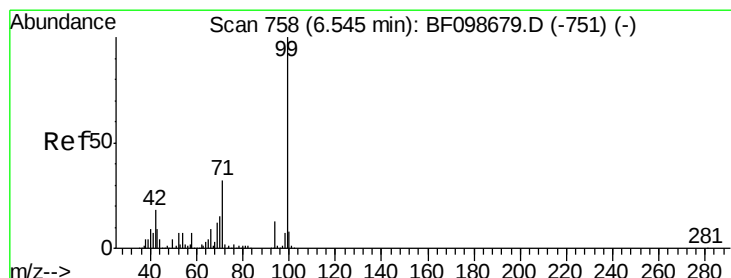
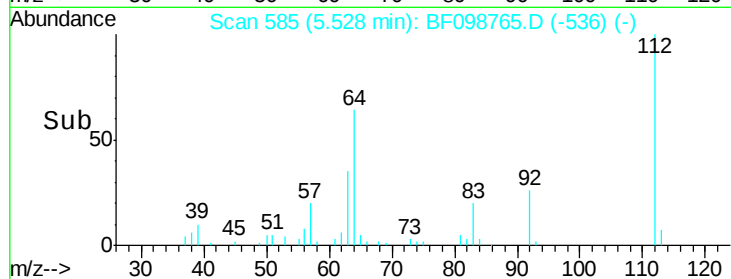
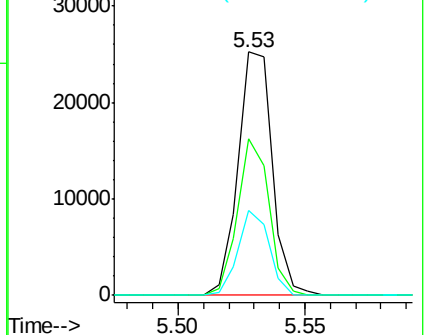
63 35.0 23.7 35.5



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: 2.88 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

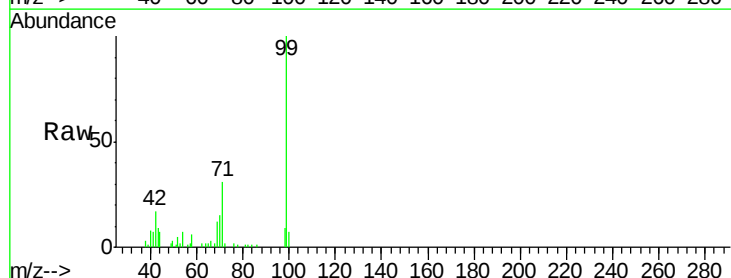
Tgt Ion: 99 Resp: 29116

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

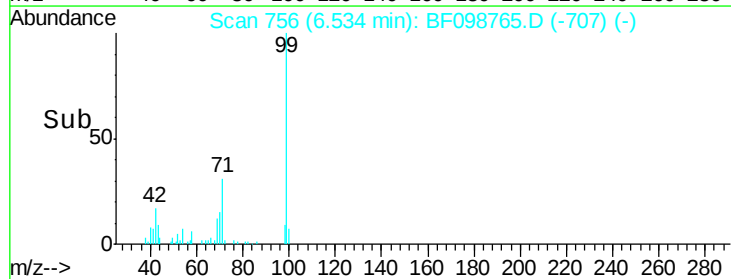
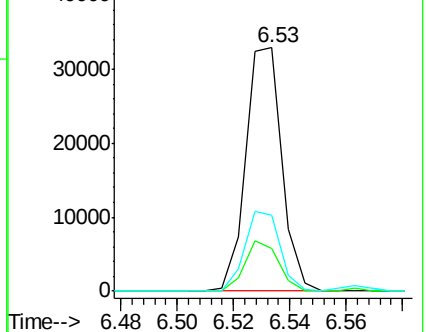
71 31.4 25.4 38.0

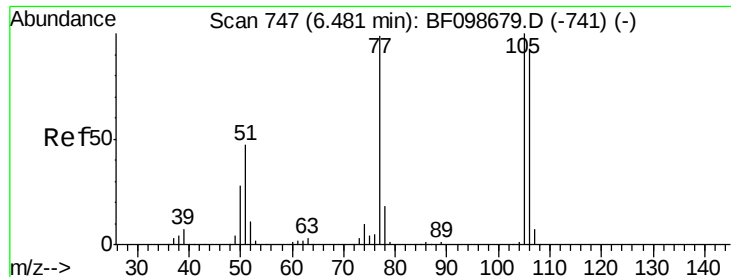


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.10 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

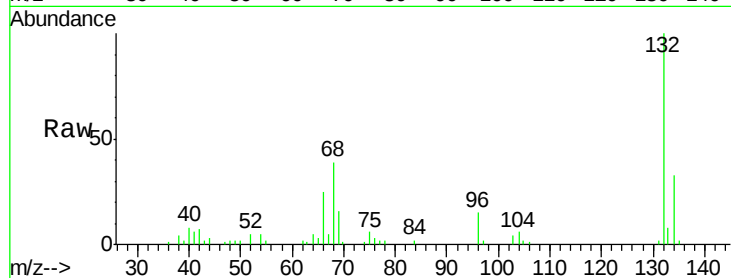
Tot Ion: 77 Resp: 583

Ion Ratio Lower Upper

77 100

105 80.8 81.1 121.1#

106 63.3 74.5 114.5#

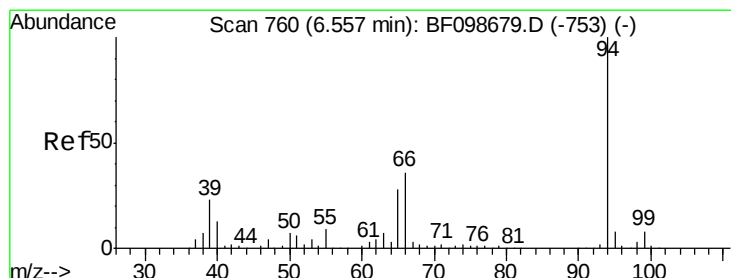
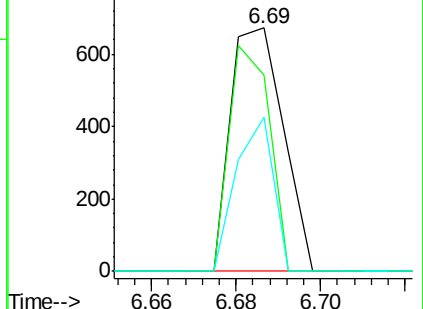
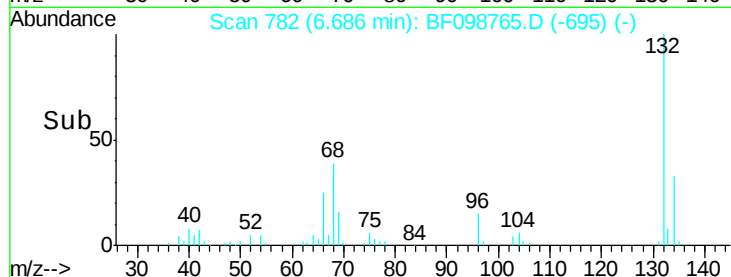


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

Time-->



#10

Phenol

Concen: 0.06 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

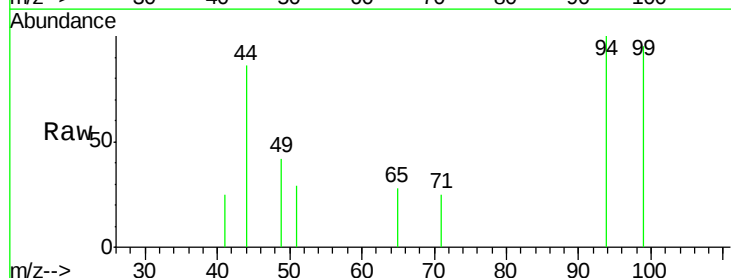
Tgt Ion: 94 Resp: 726

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 0.0 16.2 56.2#

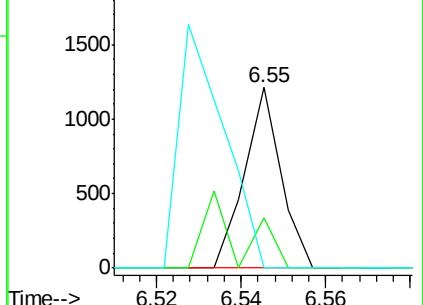
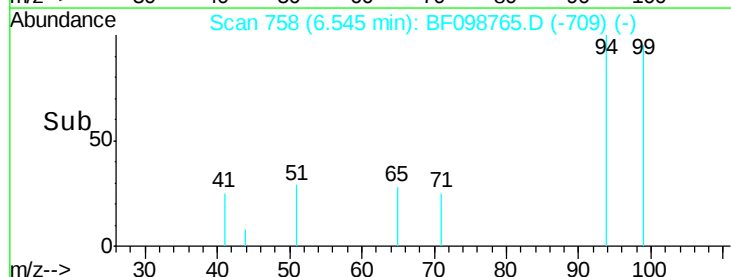


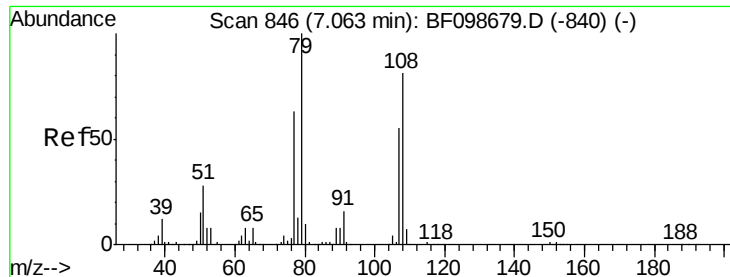
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Time-->





#15

Benzyl Alcohol

Concen: 0.05 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

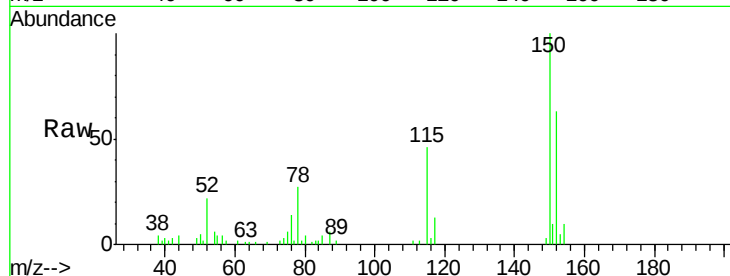
Tot Ion: 79 Resp: 362

Ion Ratio Lower Upper

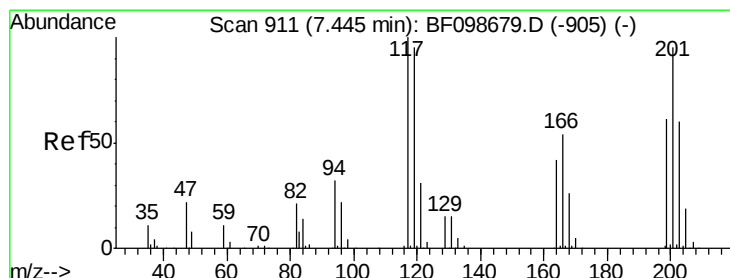
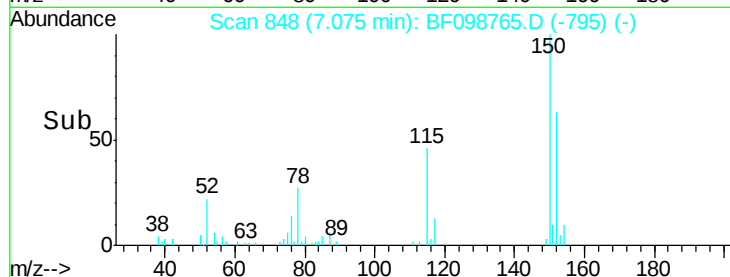
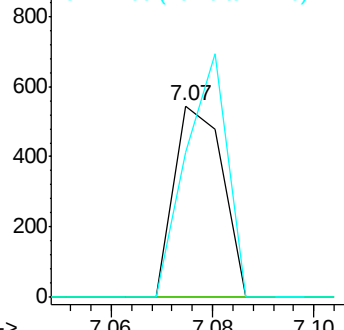
79 100

108 0.0 65.1 97.7#

77 75.6 50.6 75.8



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



#18

Hexachloroethane

Concen: 0.08 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

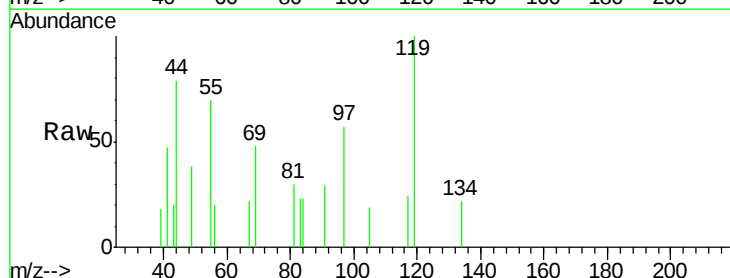
Tgt Ion: 117 Resp: 268

Ion Ratio Lower Upper

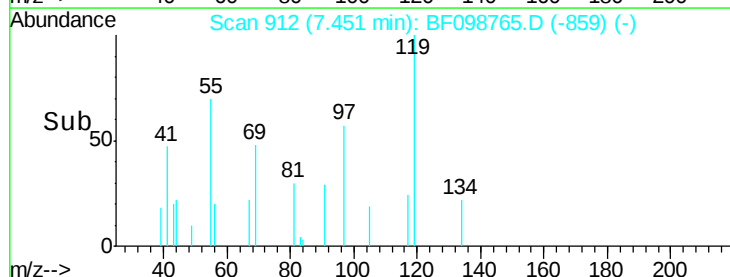
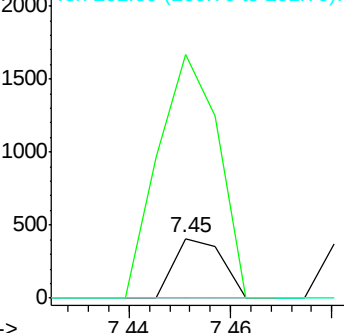
117 100

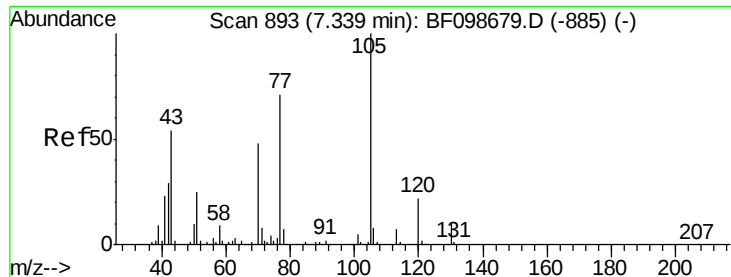
119 409.6 75.8 113.8#

201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): B
Ion 119.00 (118.70 to 119.70): B
Ion 201.00 (200.70 to 201.70): B

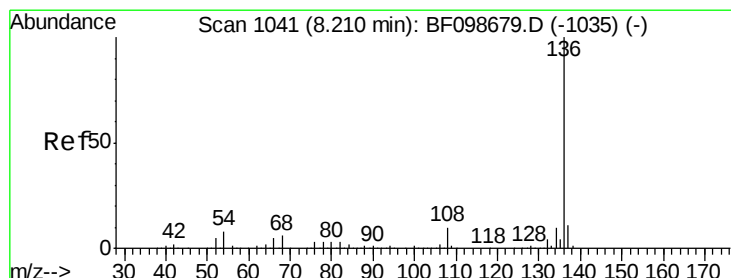
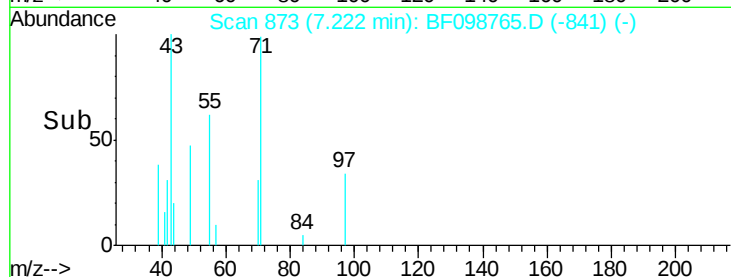
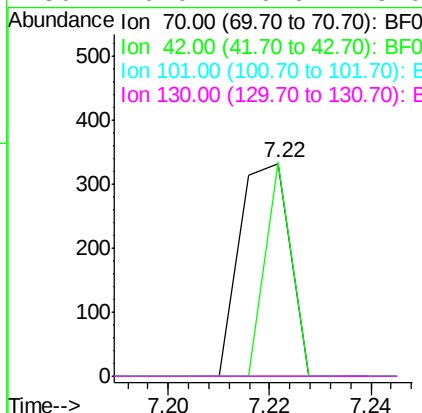
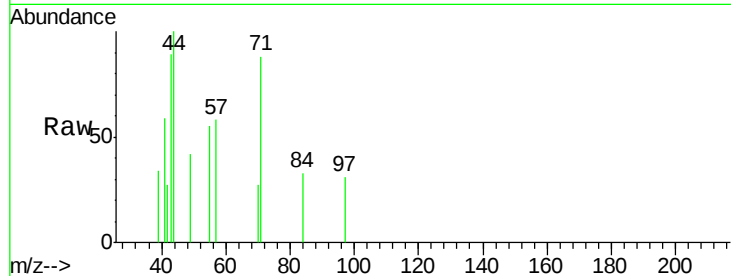




#19
n-Nitroso-di-n-propylamine
Concen: 0.04 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.11 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

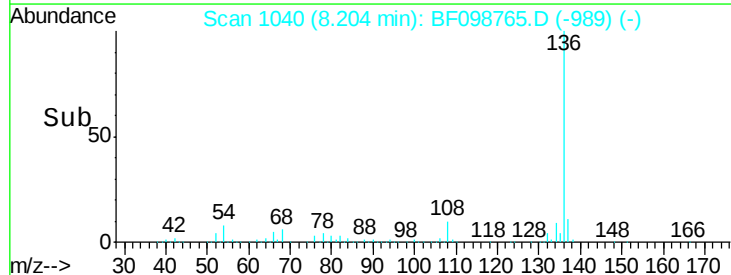
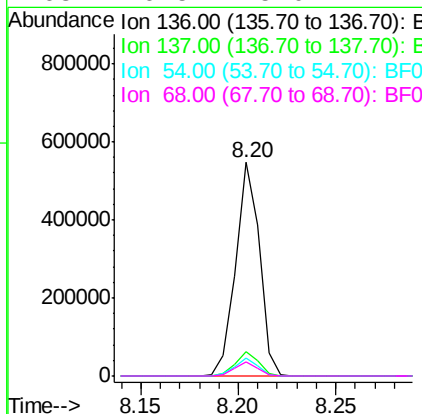
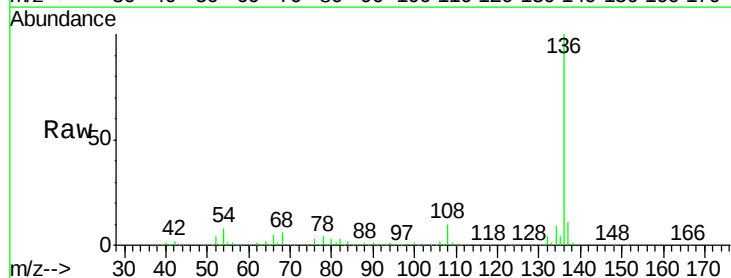
Instrument :
BNA_F
ClientSampleId :

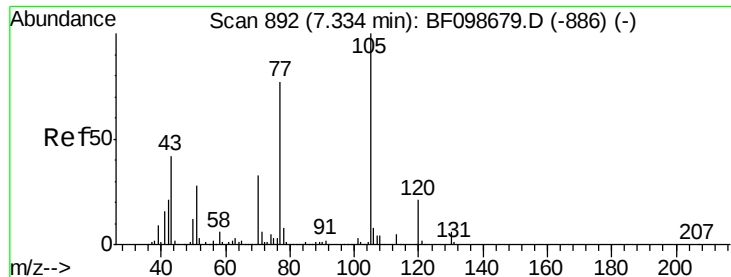
Tot Ion: 70 Resp: 228
Ion Ratio Lower Upper
70 100
42 100.3 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion: 136 Resp: 463323
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.1 6.6 9.8
68 6.5 5.0 7.4





#22

Acetophenone

Concen: 0.04 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 448

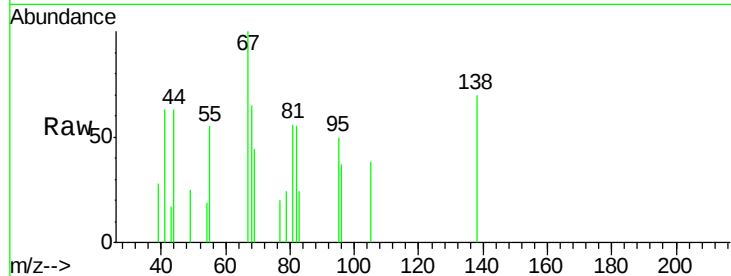
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#

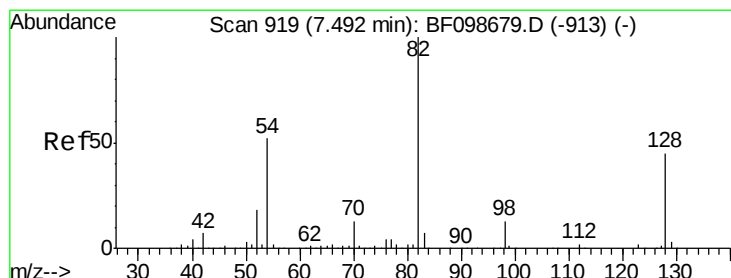
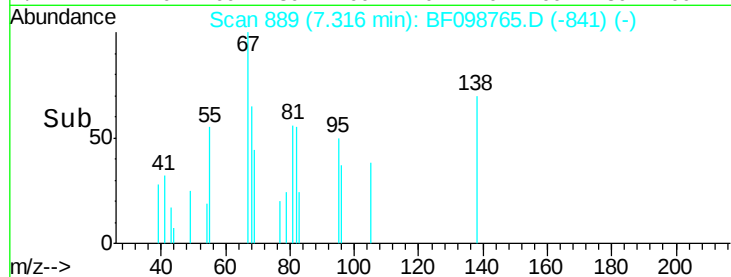
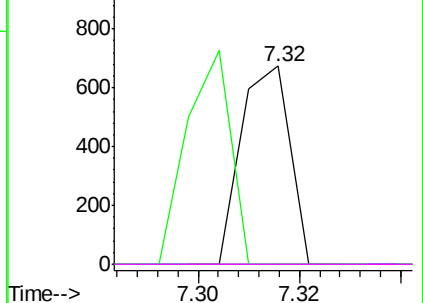


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 2.06 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

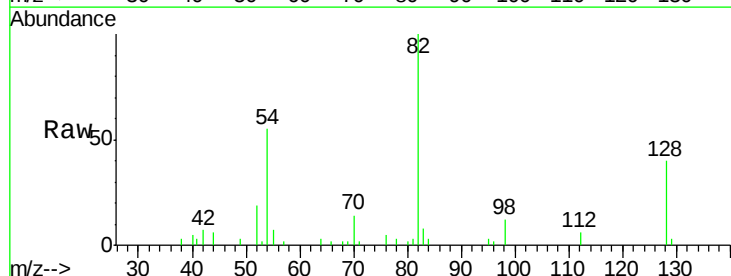
Tgt Ion: 82 Resp: 14880

Ion Ratio Lower Upper

82 100

128 40.0 36.1 54.1

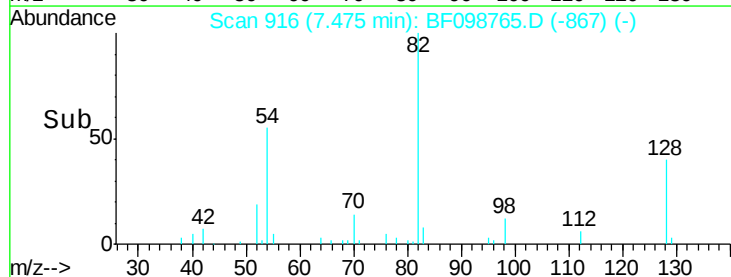
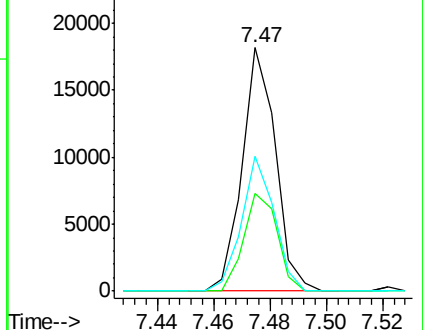
54 55.1 41.4 62.2

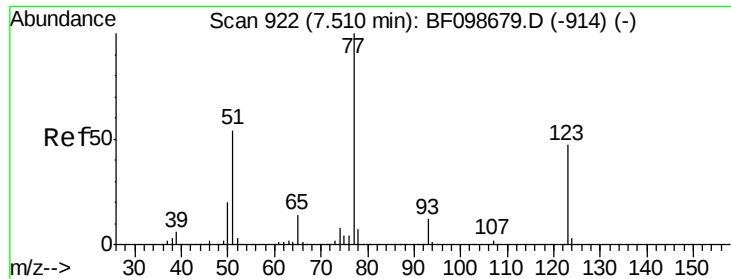


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

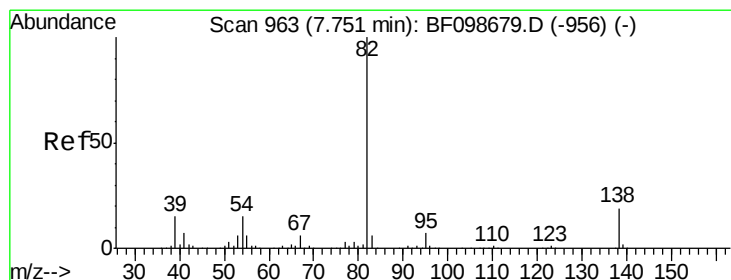
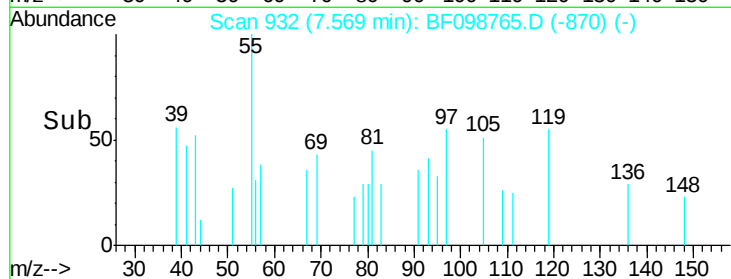
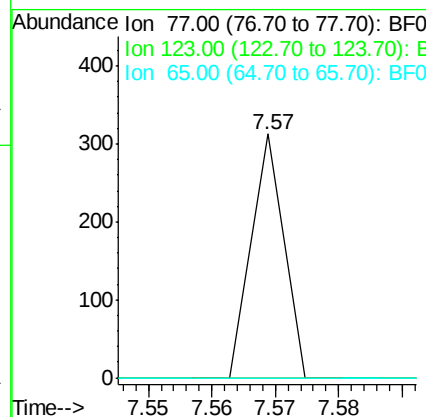
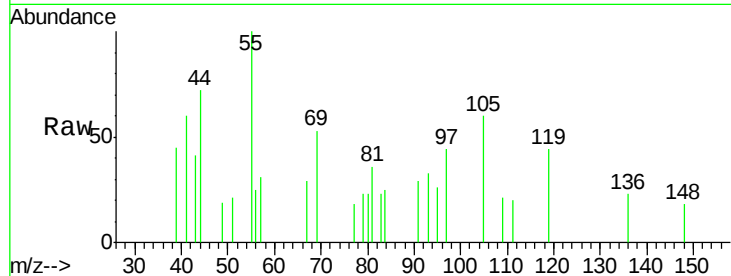




#24
 Nitrobenzene
 Concen: 0.01 ng
 RT: 7.57 min Scan# 932
 Delta R.T. 0.06 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

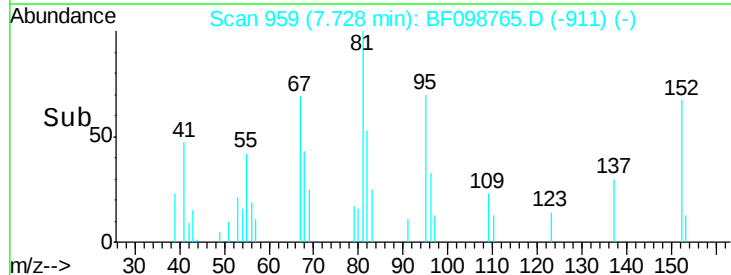
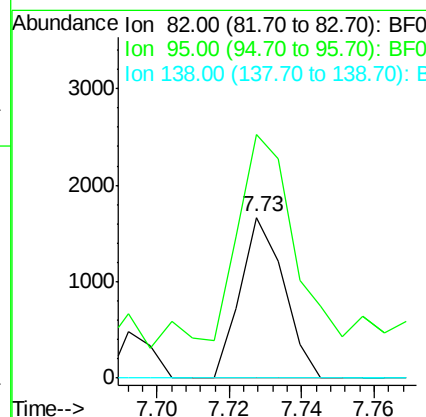
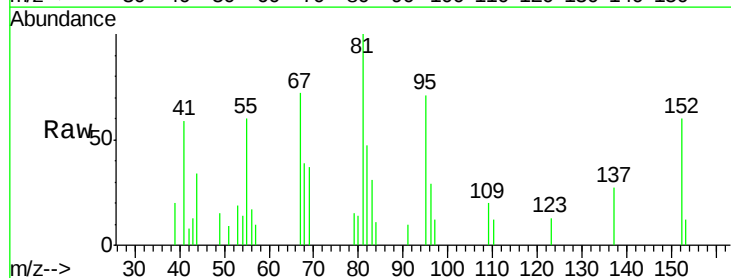
Instrument :
 BNA_F
 ClientSampled :

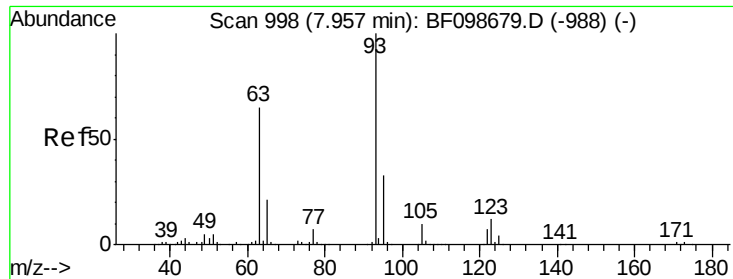
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#



#25
 Isophorone
 Concen: 0.09 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	151.2	5.2	7.8#
138	0.0	14.9	22.3#

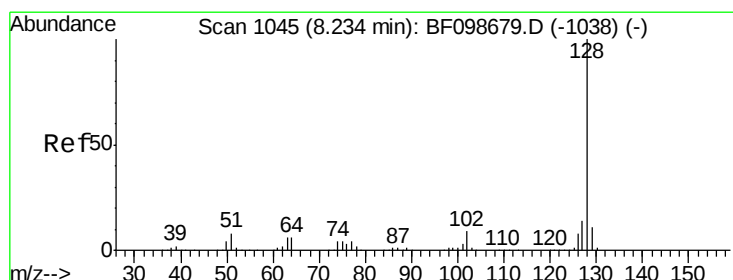
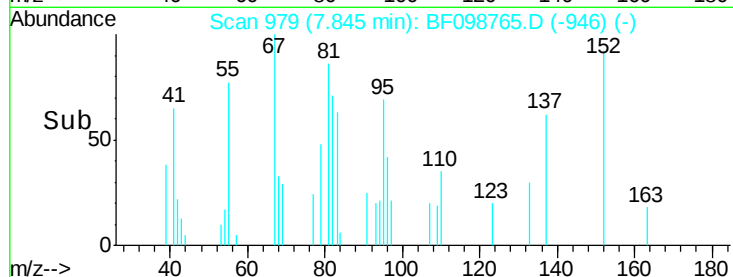
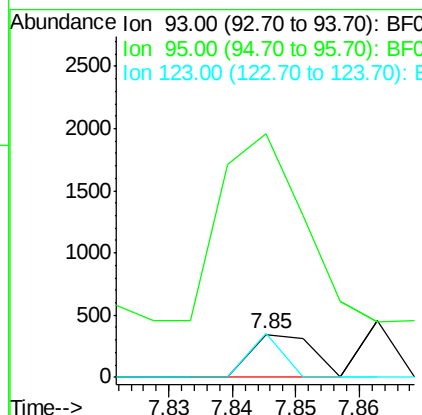
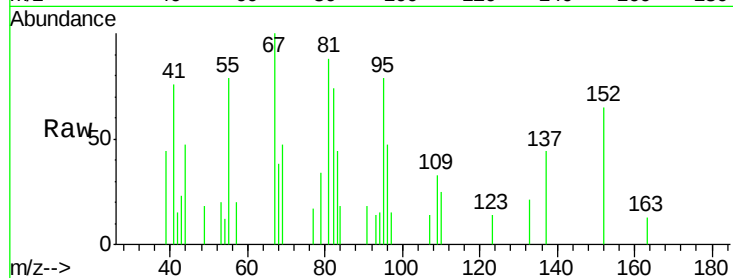




#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.11 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

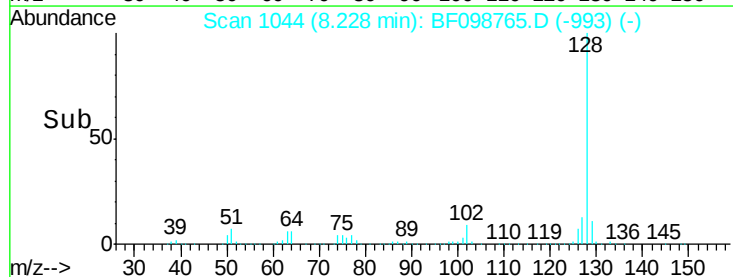
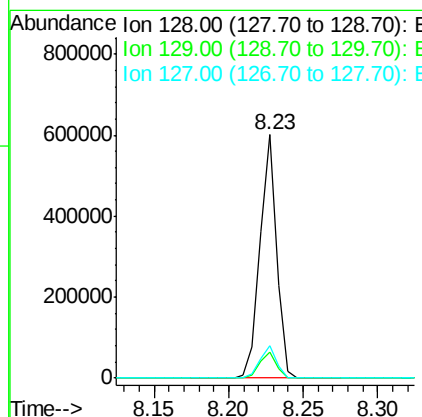
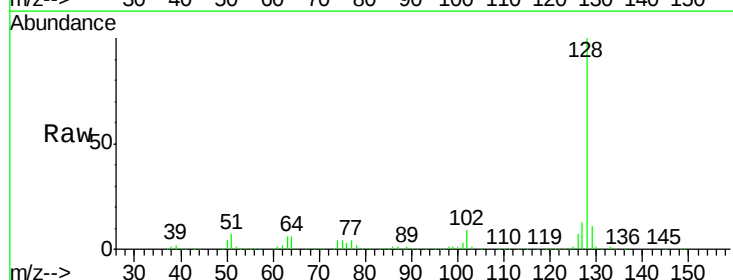
Instrument :
BNA_F
ClientSampleId :

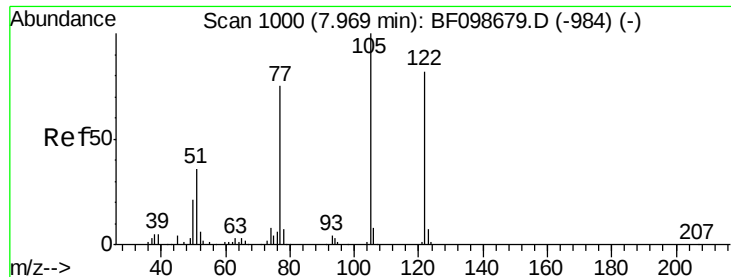
Tot Ion: 93 Resp: 232
Ion Ratio Lower Upper
93 100
95 567.5 26.3 39.5#
123 101.4 9.8 14.6#



#31
Naphthalene
Concen: 21.02 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:128 Resp: 457384
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.9 16.3

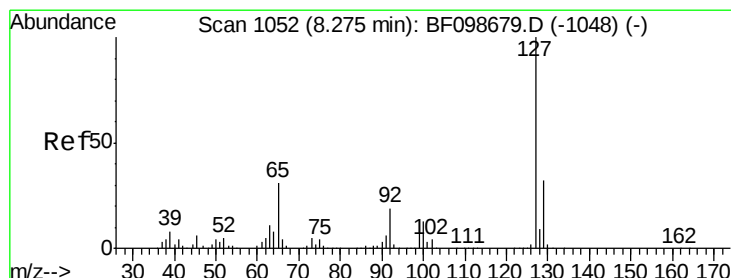
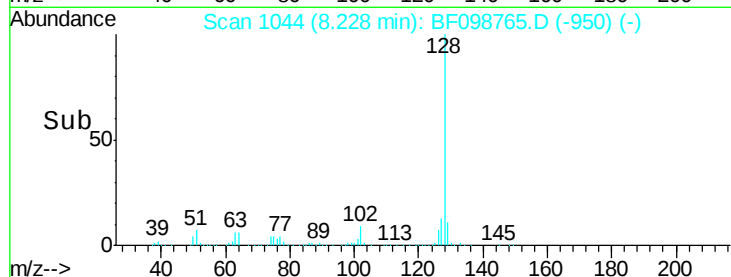
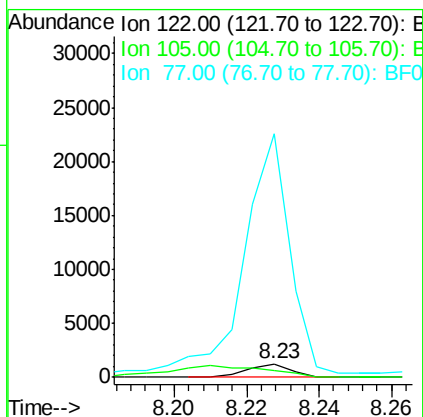
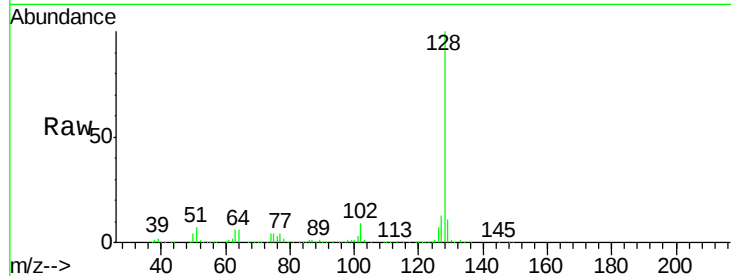




#32
Benzoic acid
Concen: 0.17 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.25 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

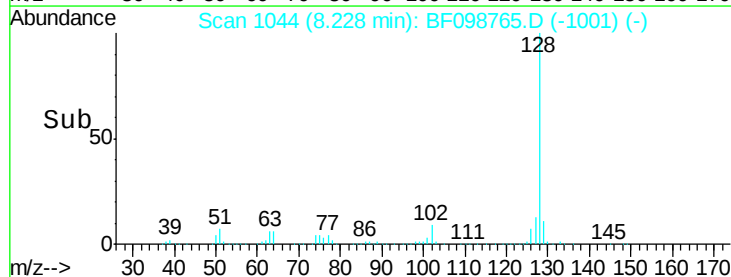
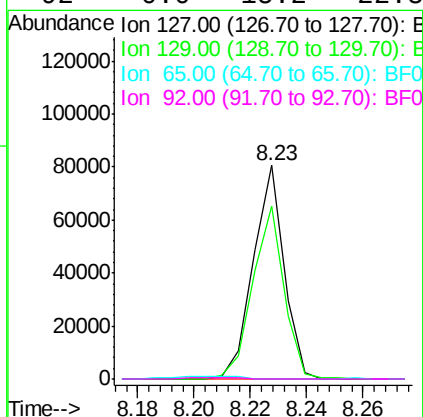
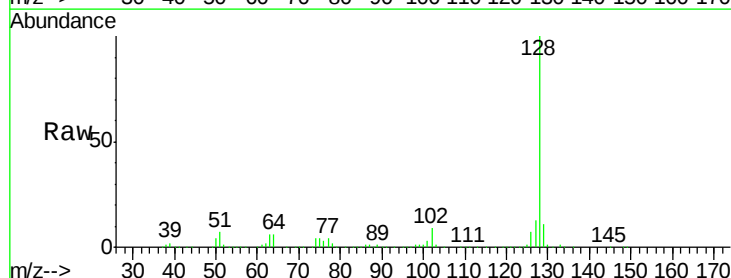
Instrument :
BNA_F
ClientSampleId :

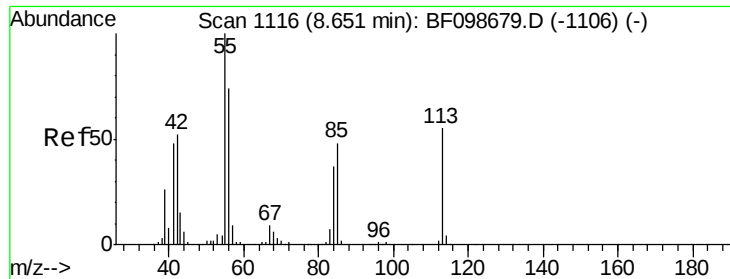
Tot Ion:122 Resp: 1025
Ion Ratio Lower Upper
122 100
105 51.7 101.1 141.1#
77 1789.1 70.7 110.7#



#33
4-Chloroaniline
Concen: 6.73 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:127 Resp: 61159
Ion Ratio Lower Upper
127 100
129 81.2 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

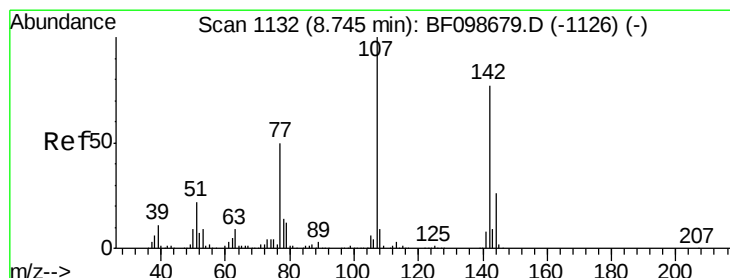
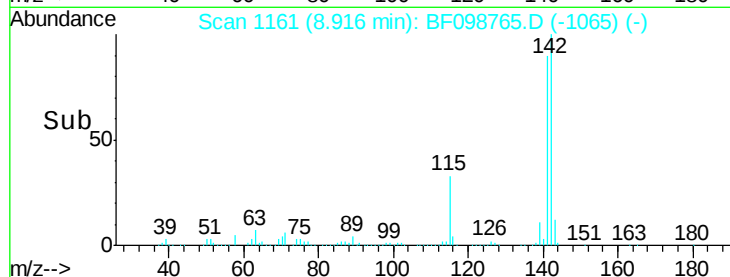
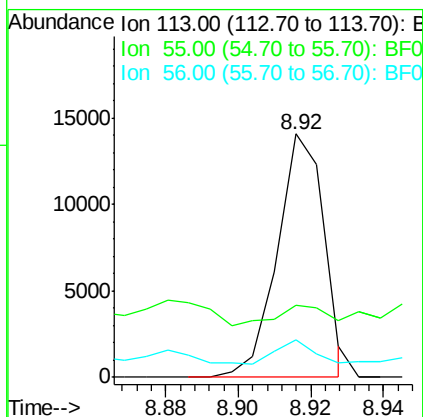
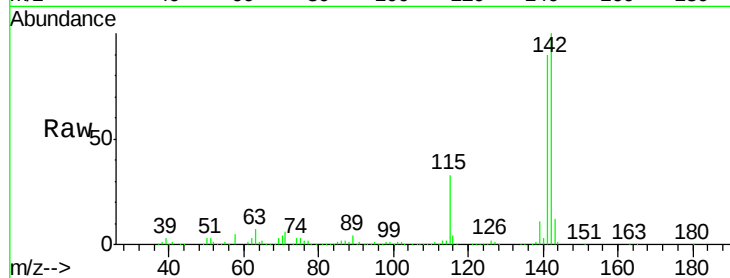




#35
Caprolactam
Concen: 6.17 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.26 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

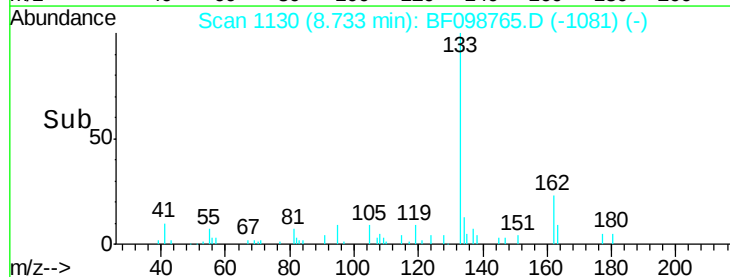
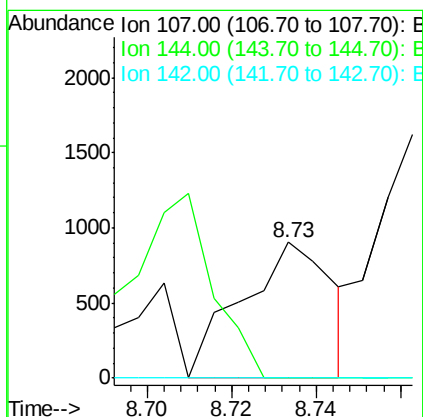
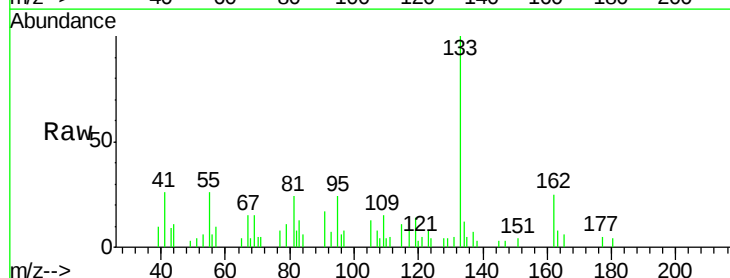
Instrument :
BNA_F
ClientSampleId :

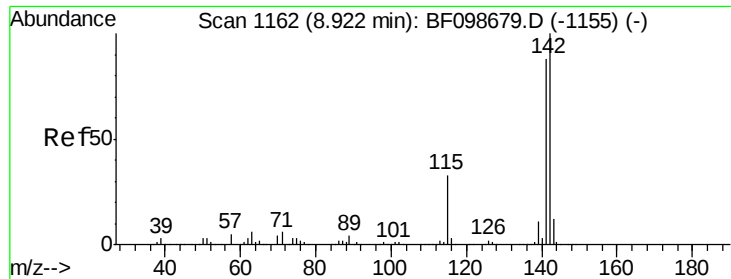
Tot Ion:113 Resp: 12649
Ion Ratio Lower Upper
113 100
55 29.7 163.3 203.3#
56 15.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 0.19 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:107 Resp: 1345
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 0.0 62.0 93.0#

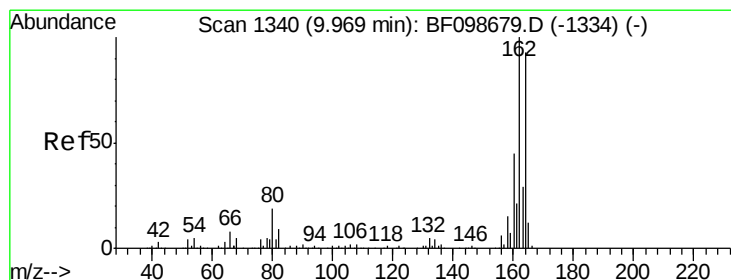
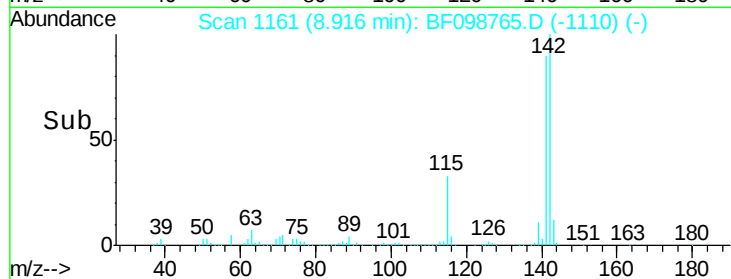
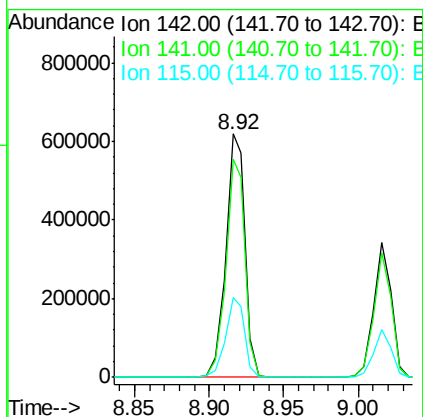
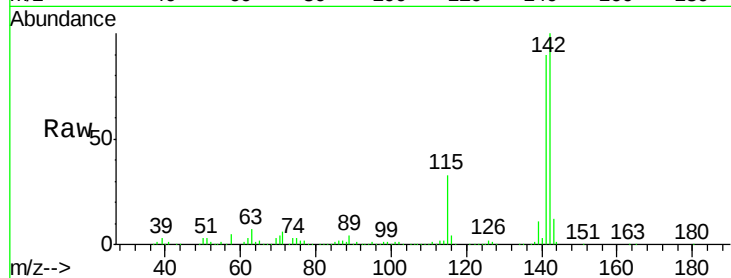




#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

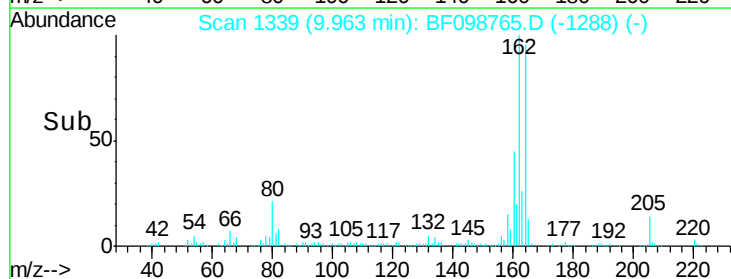
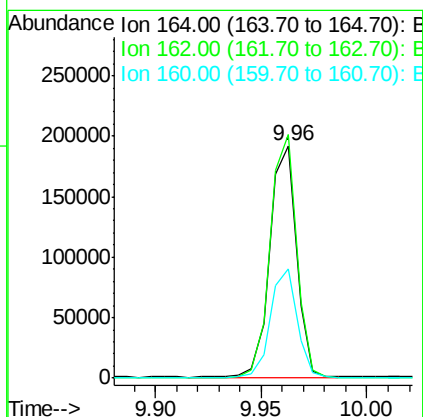
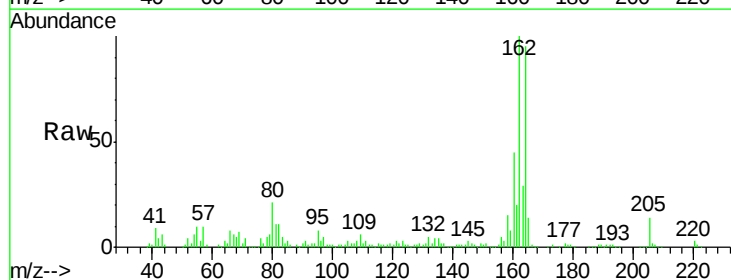
Instrument :
BNA_F
ClientSampleId :

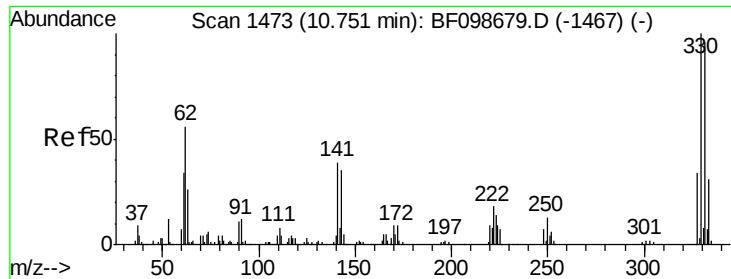
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.9	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.1	38.3	57.5

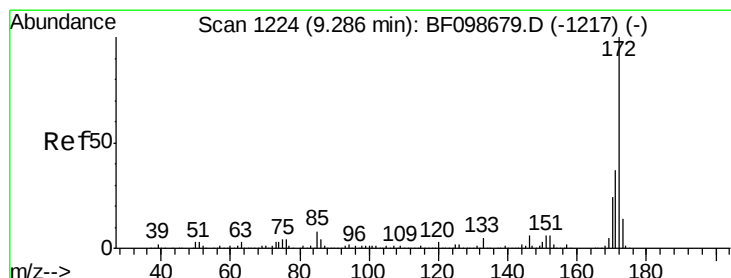
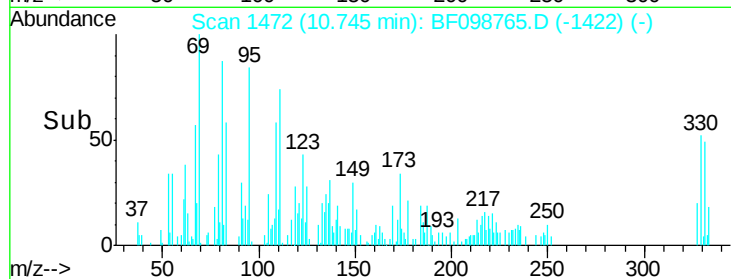
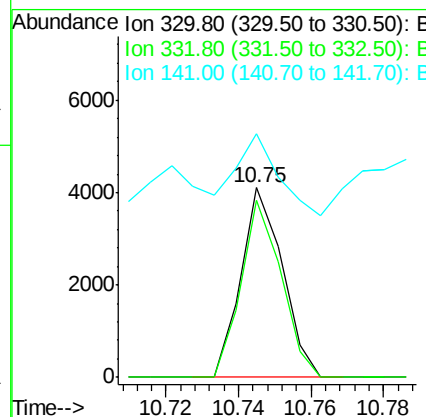
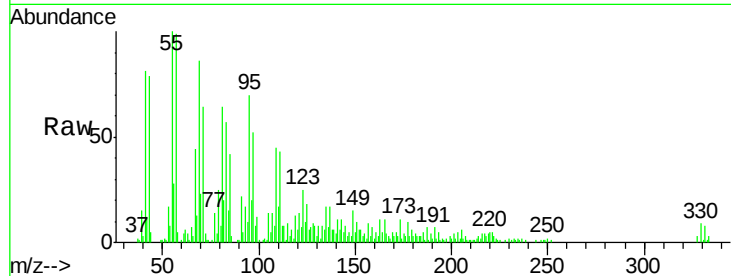




#41
 2,4,6-Tribromophenol
 Concen: 2.37 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

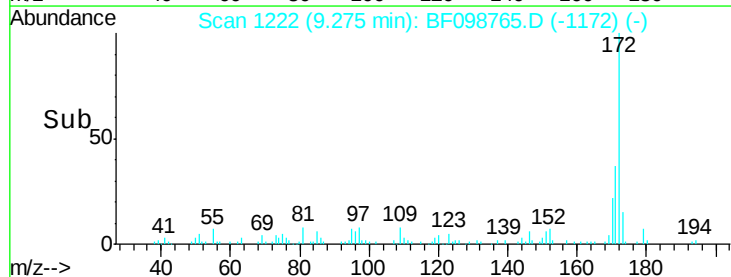
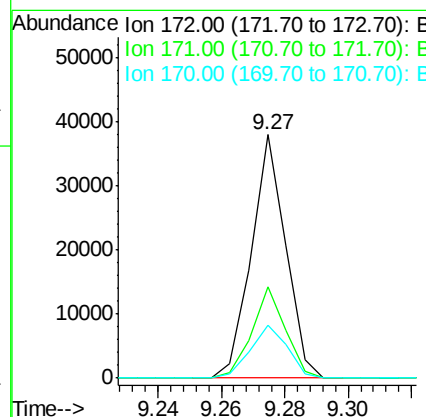
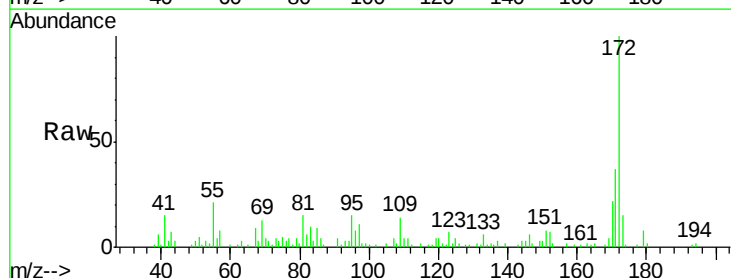
Instrument :
 BNA_F
 ClientSampleId :

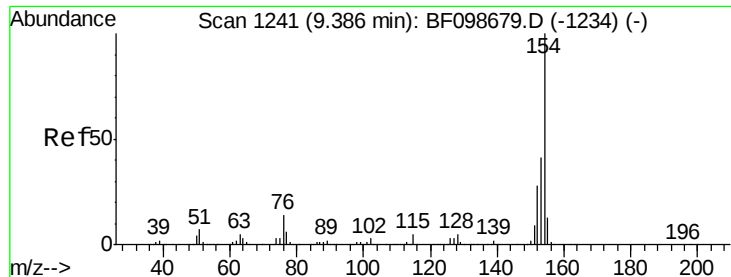
Tot Ion	Ratio	Lower	Upper
330	100		
332	90.4	77.0	115.6
141	43.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 2.82 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	21.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 1.00 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

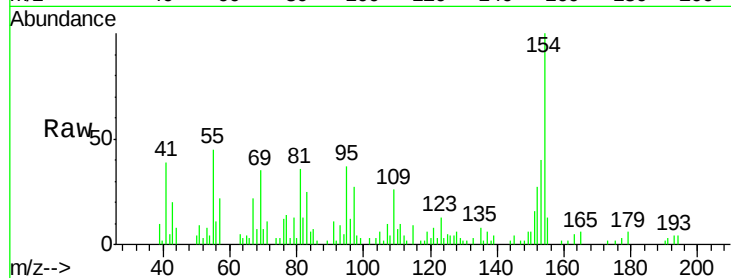
Tot Ion:154 Resp: 14452

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

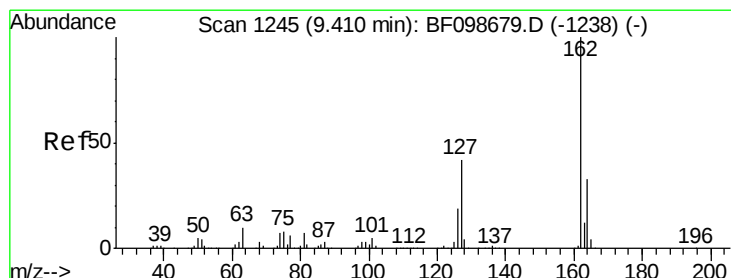
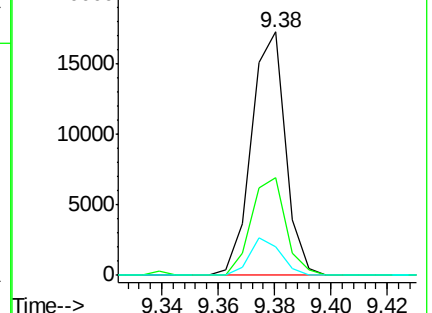
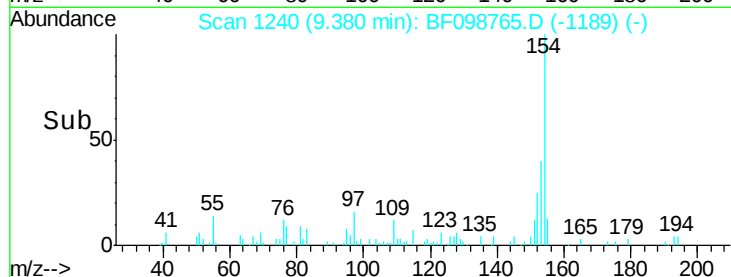
76 11.9 0.0 34.0



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: 0.05 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.22 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

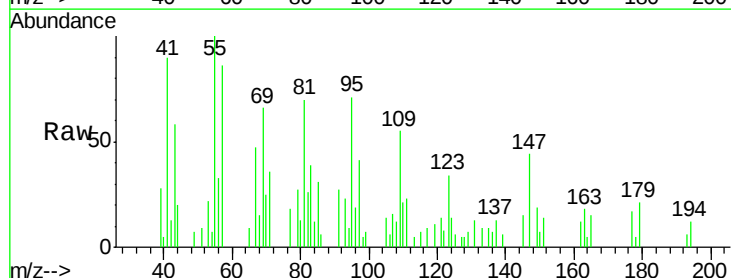
Tgt Ion:162 Resp: 587

Ion Ratio Lower Upper

162 100

127 44.2 33.9 50.9

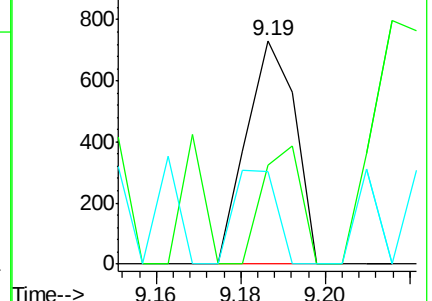
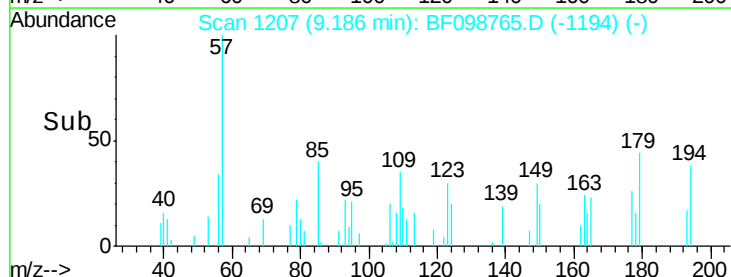
164 41.3 26.5 39.7#

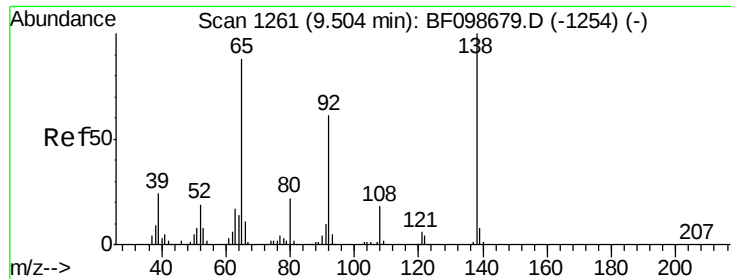


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.27 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampled :

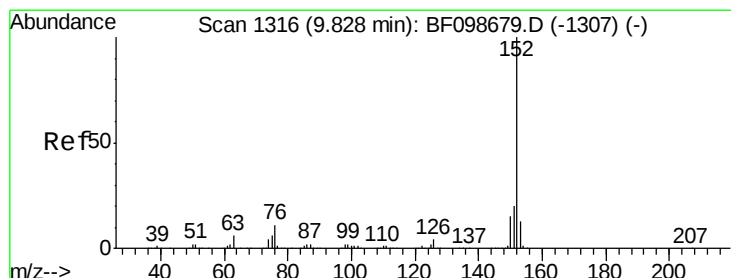
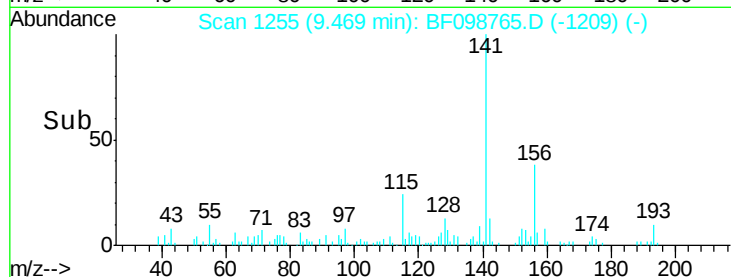
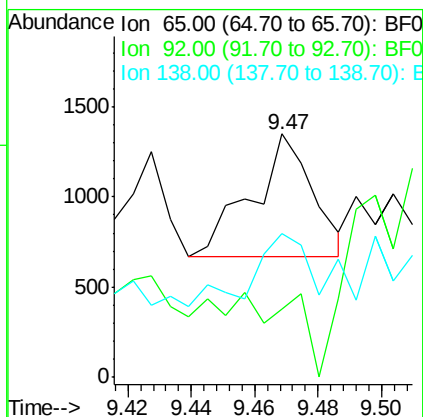
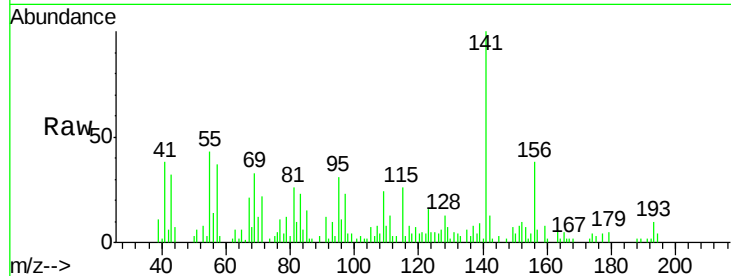
Tot Ion: 65 Resp: 909

Ion Ratio Lower Upper

65 100

92 28.0 55.8 83.6#

138 59.2 91.2 136.8#



#48

Acenaphthylene

Concen: 0.18 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

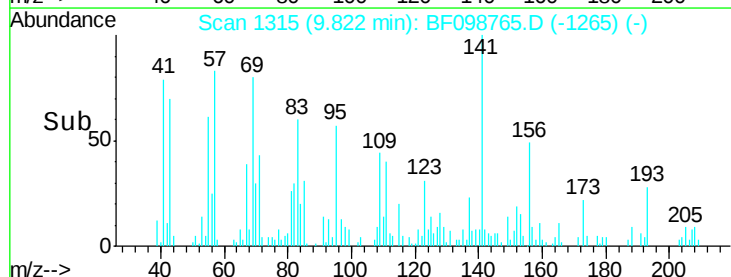
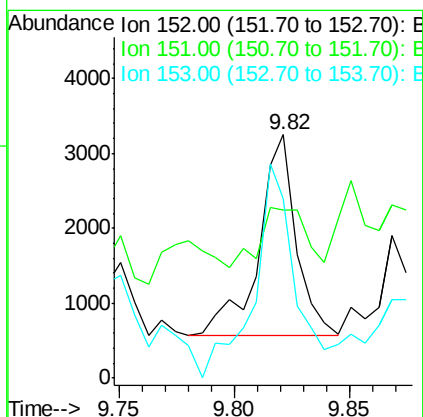
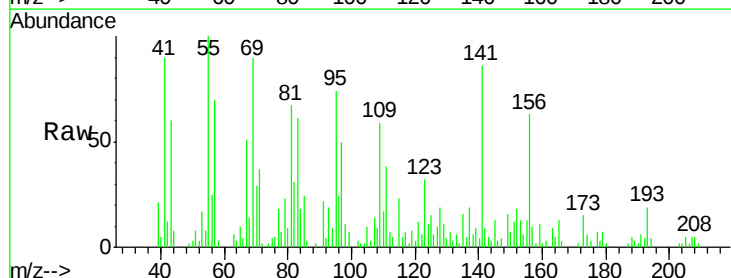
Tgt Ion: 152 Resp: 2992

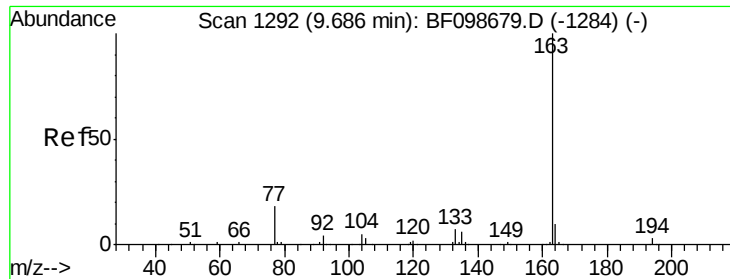
Ion Ratio Lower Upper

152 100

151 69.2 16.3 24.5#

153 73.6 10.7 16.1#

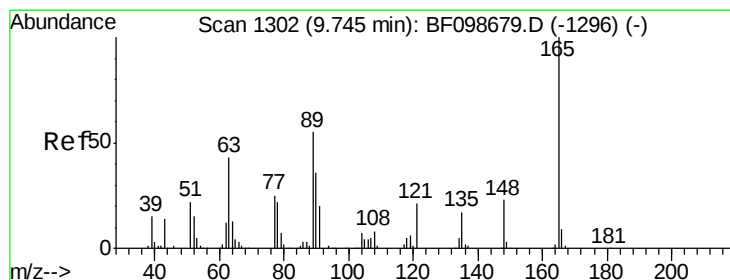
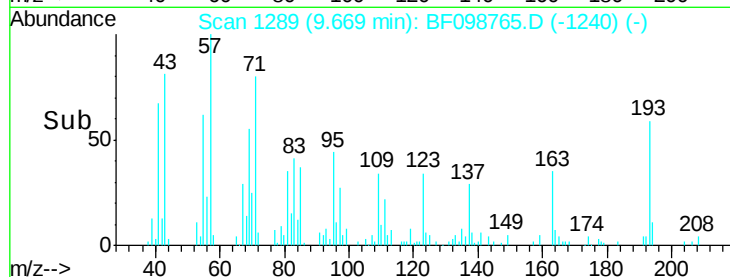
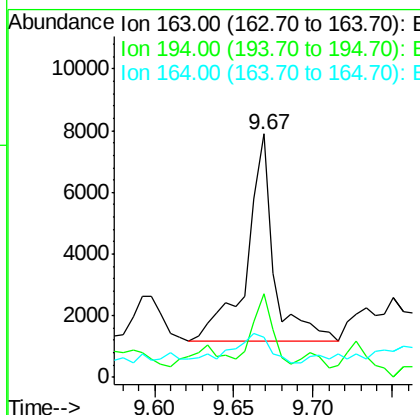
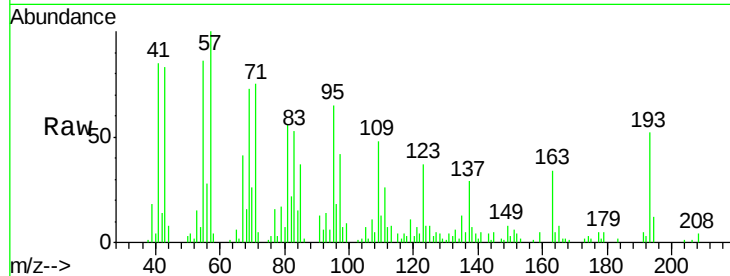




#49
Dimethylphthalate
Concen: 0.63 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

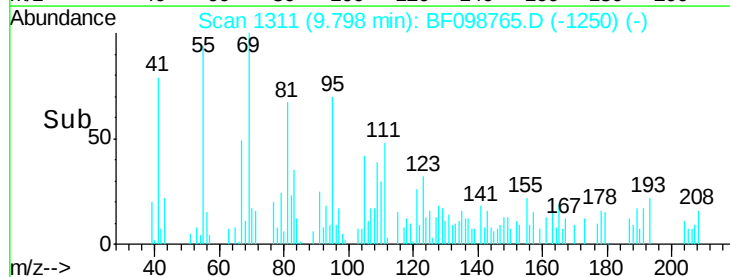
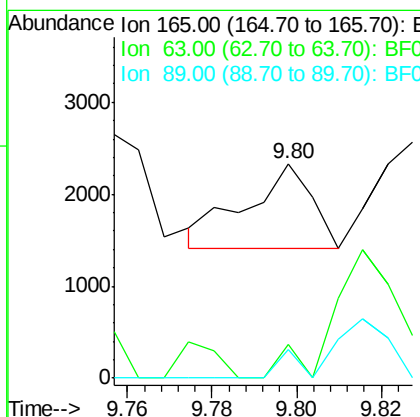
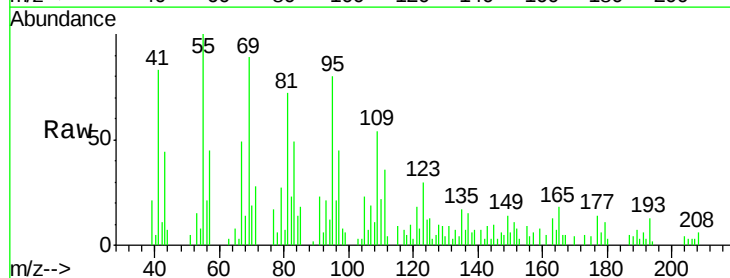
Instrument :
BNA_F
ClientSampled :

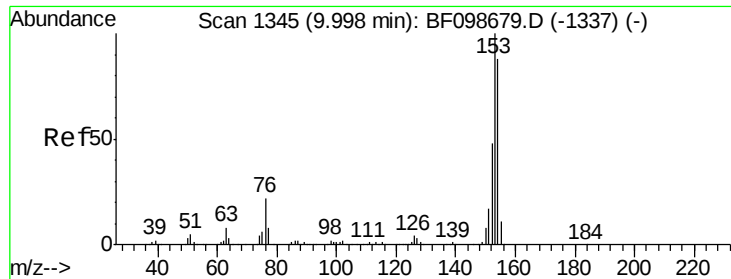
Tot Ion:163 Resp: 7982
Ion Ratio Lower Upper
163 100
194 34.5 2.7 4.1#
164 16.3 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 0.36 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.06 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:165 Resp: 1000
Ion Ratio Lower Upper
165 100
63 16.0 44.7 67.1#
89 13.6 44.0 66.0#





#51

Acenaphthene

Concen: 0.17 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

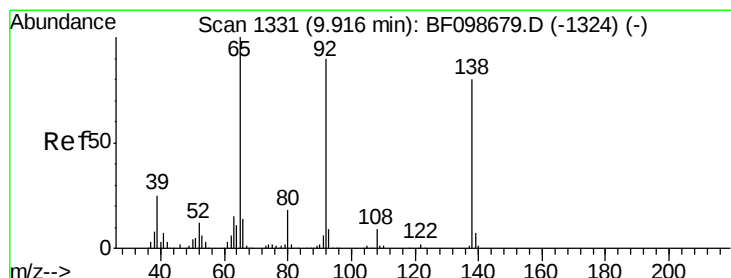
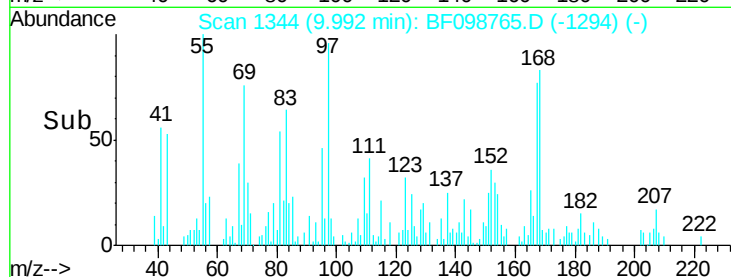
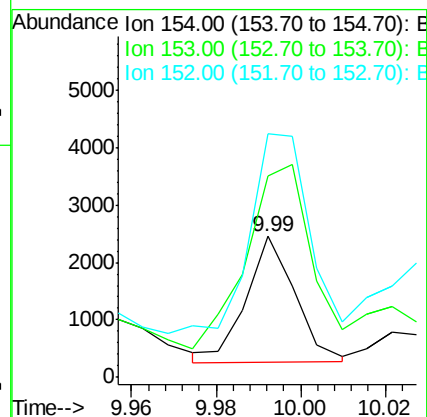
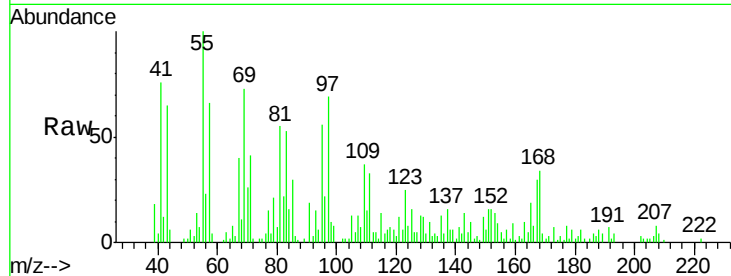
Tot Ion:154 Resp: 1780

Ion Ratio Lower Upper

154 100

153 142.9 91.2 136.8#

152 172.6 43.8 65.8#



#52

3-Nitroaniline

Concen: 0.47 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

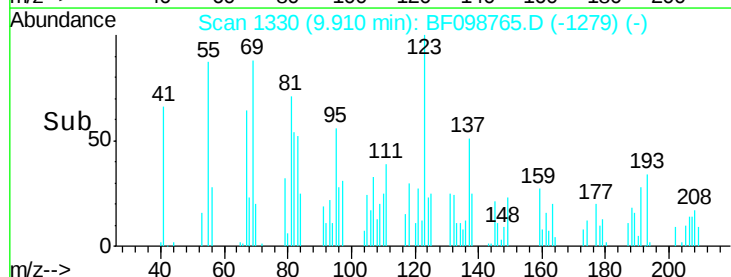
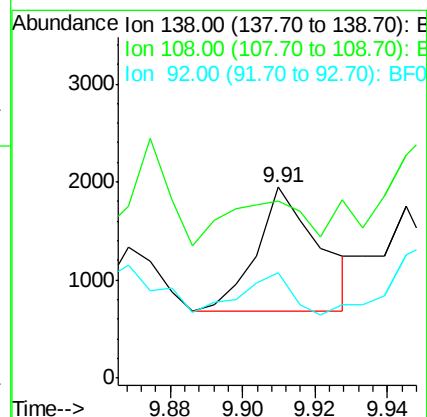
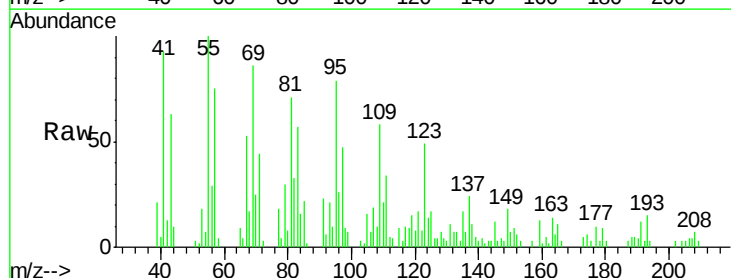
Tgt Ion:138 Resp: 1506

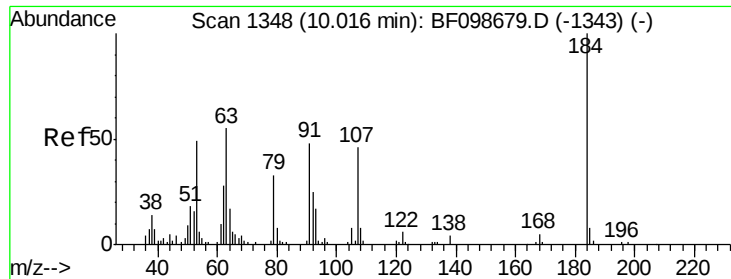
Ion Ratio Lower Upper

138 100

108 92.6 9.4 14.0#

92 55.0 89.4 134.2#

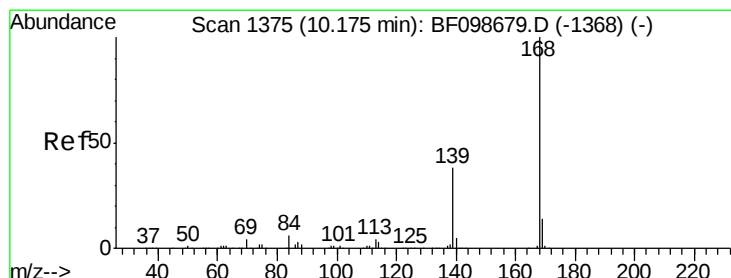
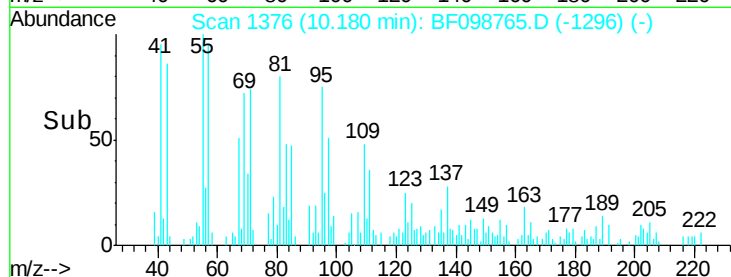
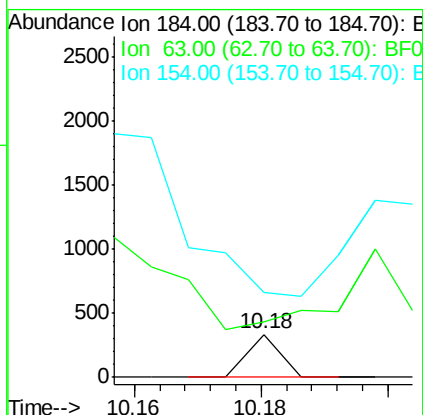
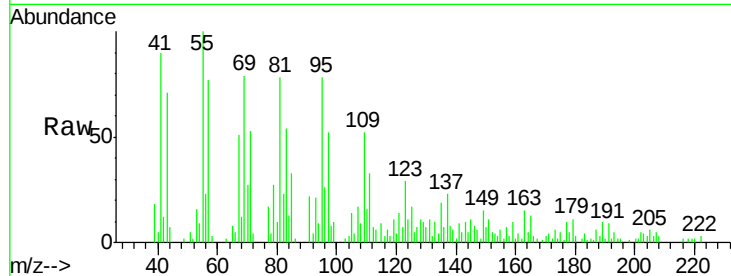




#53
2,4-Dinitrophenol
Concen: 5.90 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.17 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

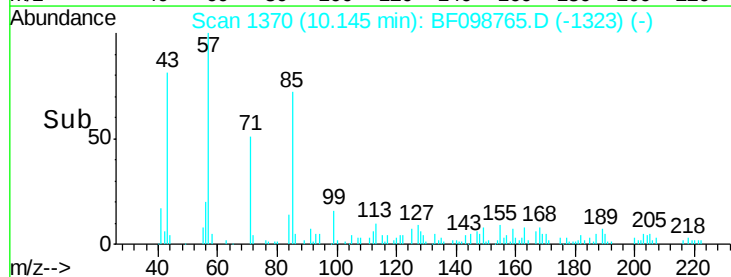
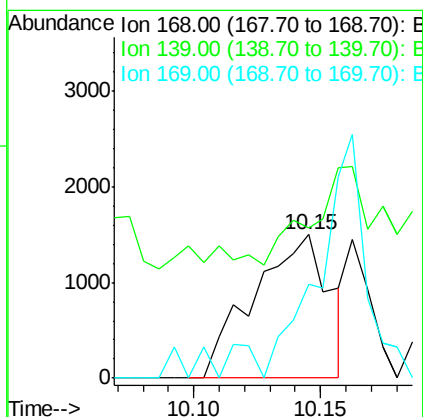
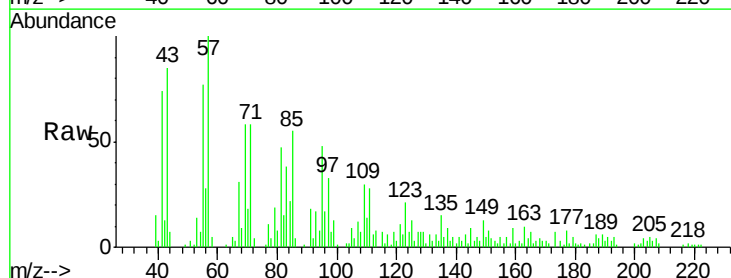
Instrument :
BNA_F
ClientSampleId :

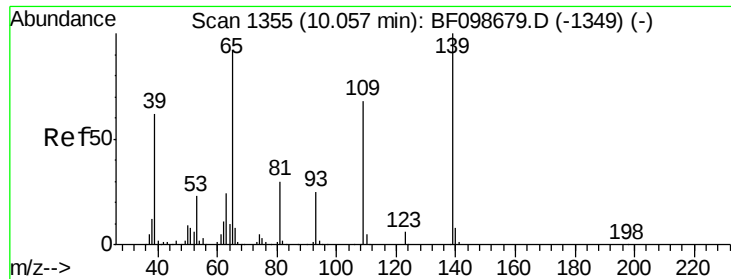
Tot Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 127.9 54.2 81.2#
154 197.6 53.5 80.3#



#54
Dibenzofuran
Concen: 0.22 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:168 Resp: 3093
Ion Ratio Lower Upper
168 100
139 104.9 30.1 45.1#
169 65.3 10.9 16.3#

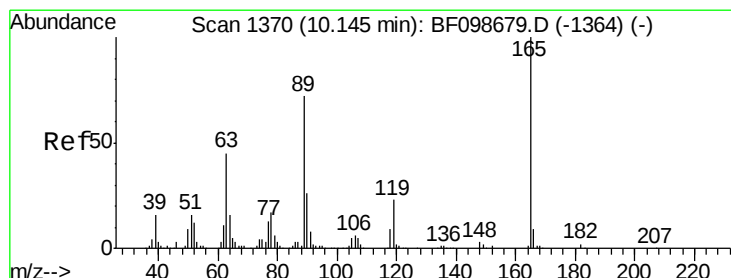
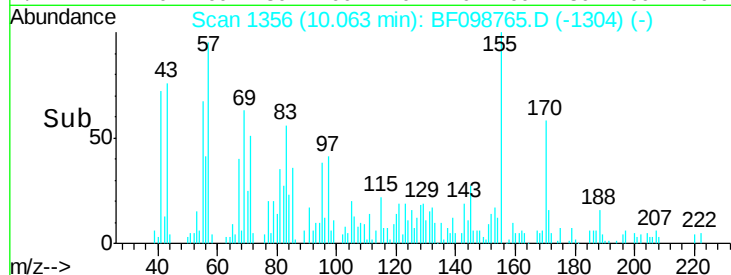
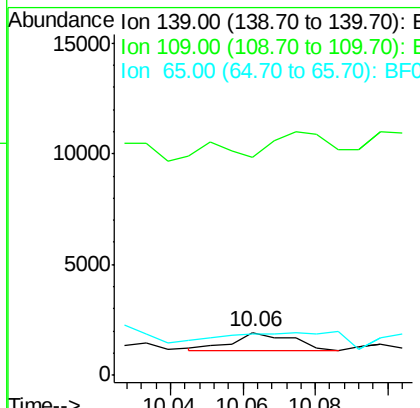
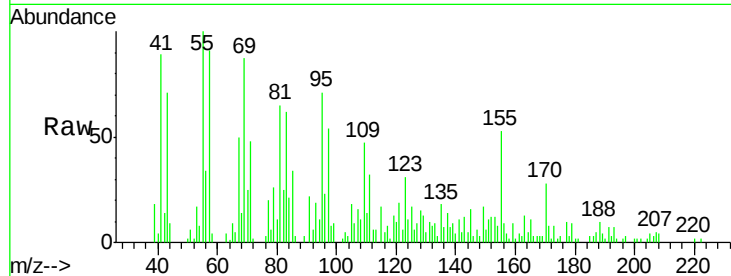




#55
4-Nitrophenol
Concen: 0.32 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

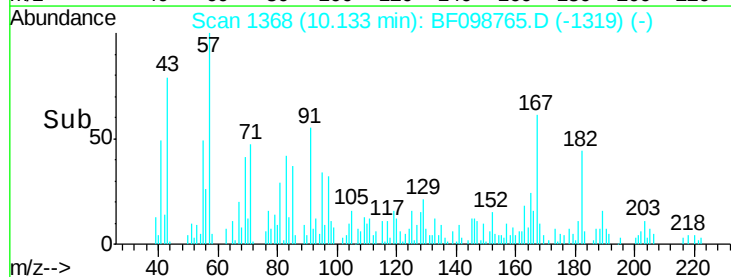
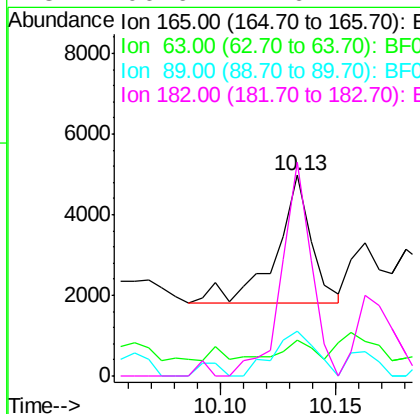
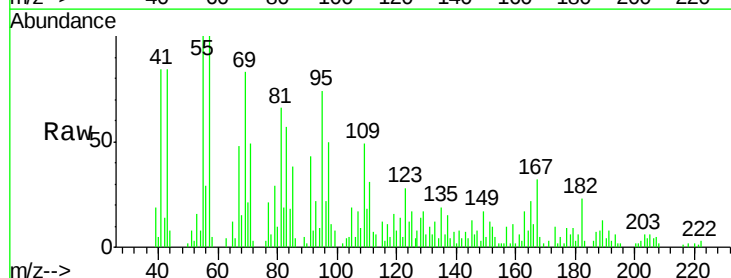
Instrument :
BNA_F
ClientSampled :

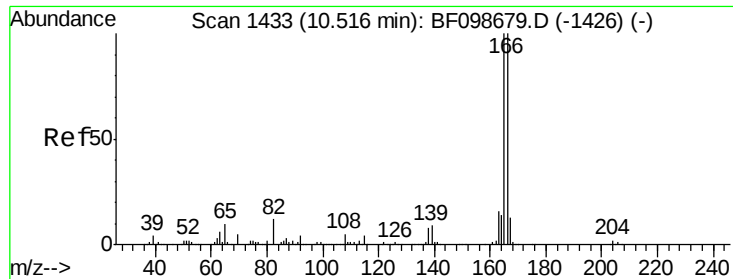
Tot Ion:139 Resp: 872
Ion Ratio Lower Upper
139 100
109 509.8 48.4 88.4#
65 97.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 0.94 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:165 Resp: 3367
Ion Ratio Lower Upper
165 100
63 17.9 36.4 54.6#
89 22.2 57.8 86.6#
182 106.6 1.6 2.4#

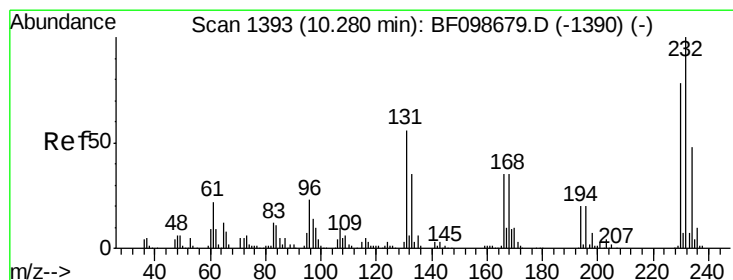
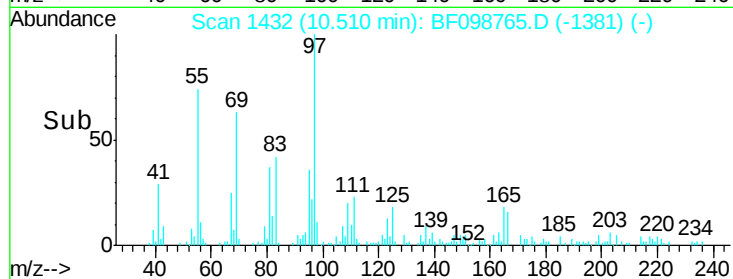
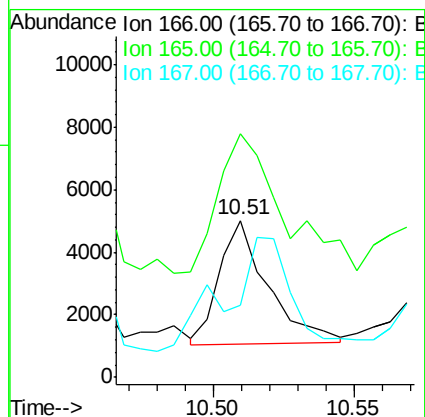
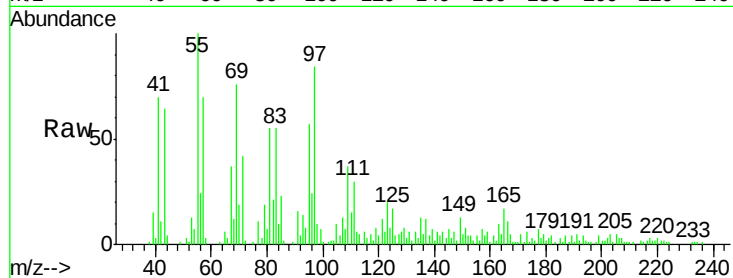




#57
 Fluorene
 Concen: 0.42 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

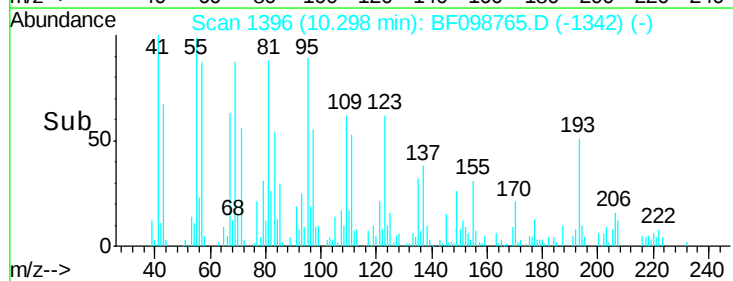
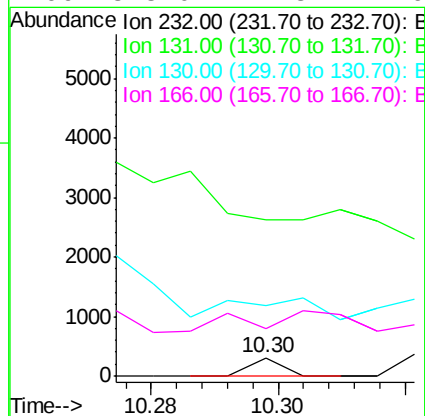
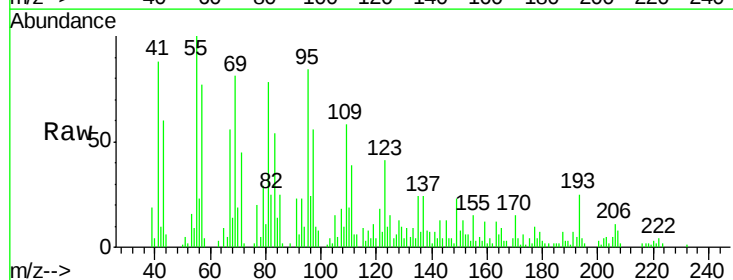
Instrument :
 BNA_F
 ClientSampleId :

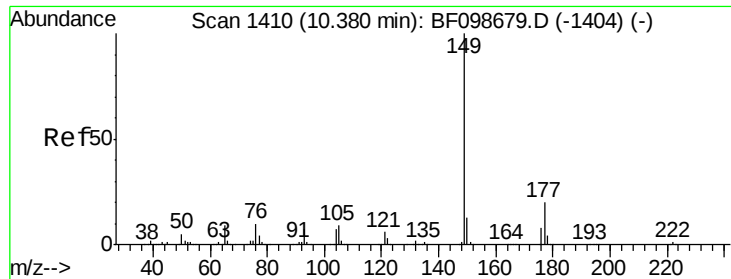
Tot Ion:166 Resp: 4743
 Ion Ratio Lower Upper
 166 100
 165 155.2 79.8 119.8#
 167 46.0 10.6 16.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.04 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.02 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:232 Resp: 108
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.8 65.8#
 130 0.0 2.1 3.1#
 166 313.0 27.8 41.6#

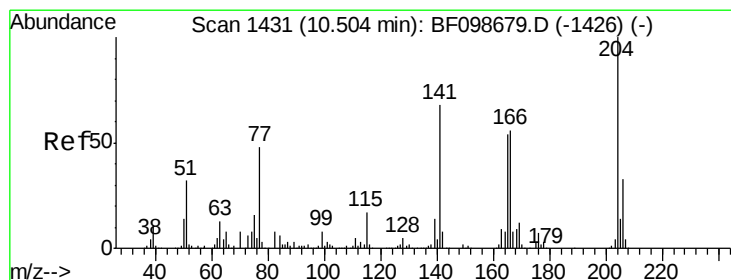
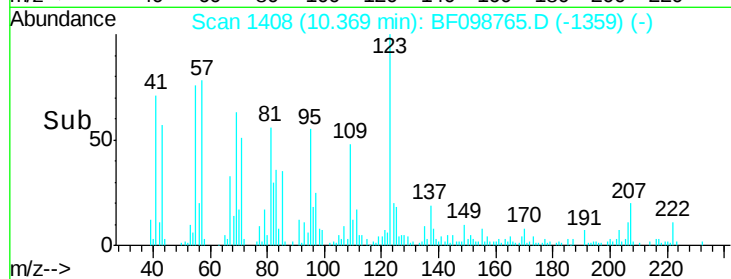
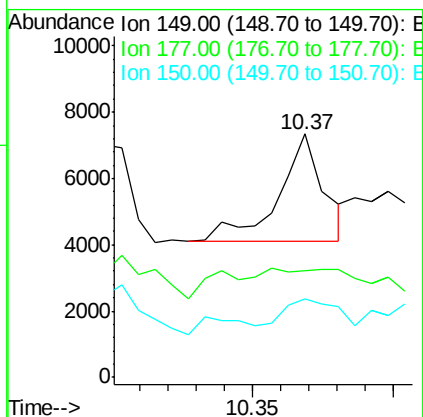
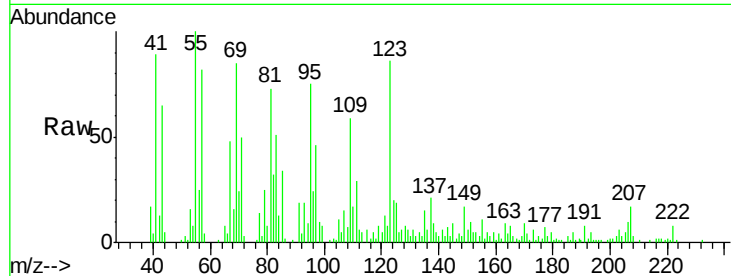




#59
Diethylphthalate
Concen: 0.29 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

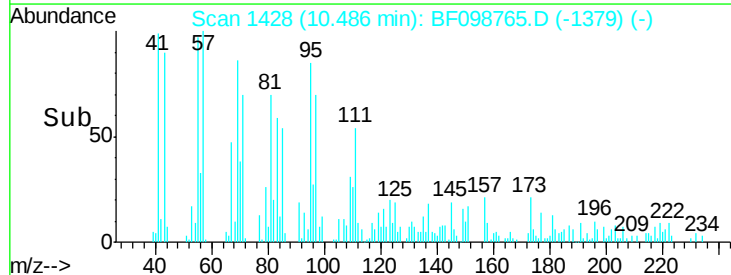
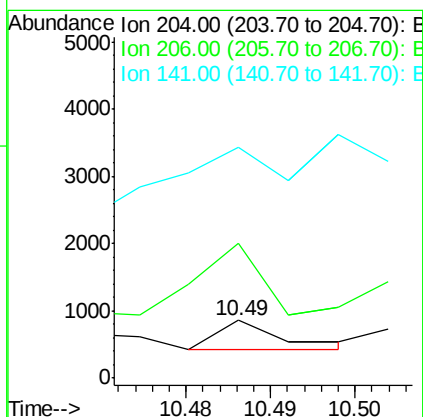
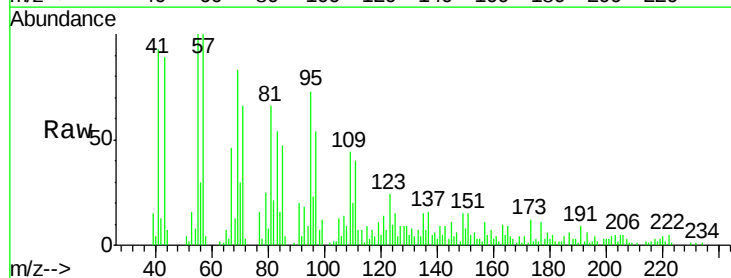
Instrument :
BNA_F
ClientSampled :

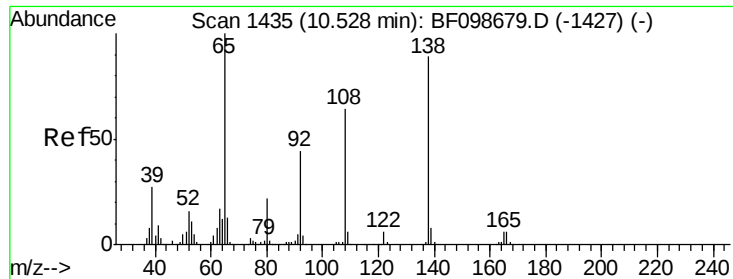
Tot Ion:149 Resp: 3545
Ion Ratio Lower Upper
149 100
177 43.6 16.1 24.1#
150 32.1 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.05 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:204 Resp: 234
Ion Ratio Lower Upper
204 100
206 232.4 26.5 39.7#
141 399.9 54.6 81.8#

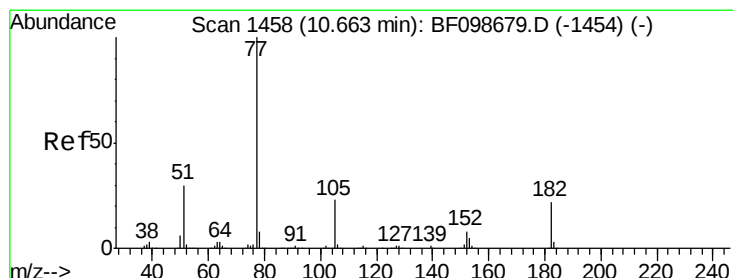
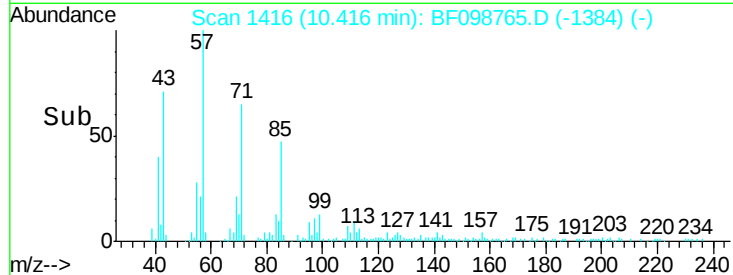
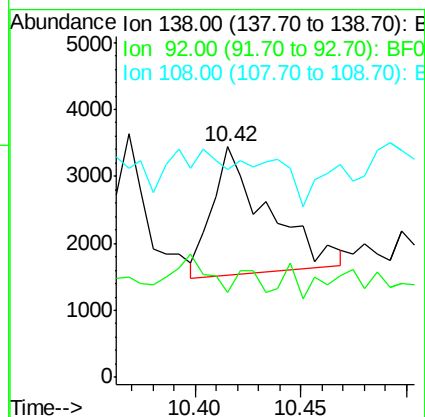
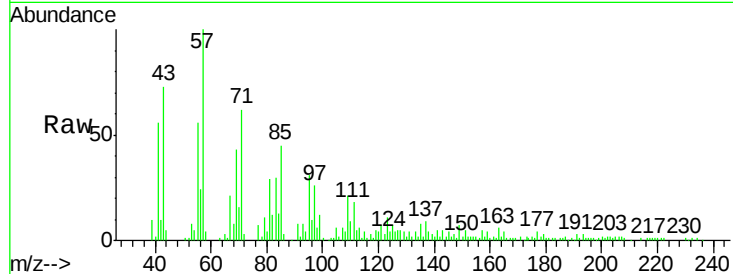




#61
4-Nitroaniline
Concen: 1.12 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.11 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

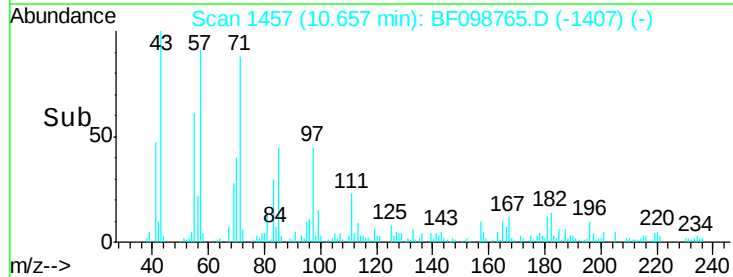
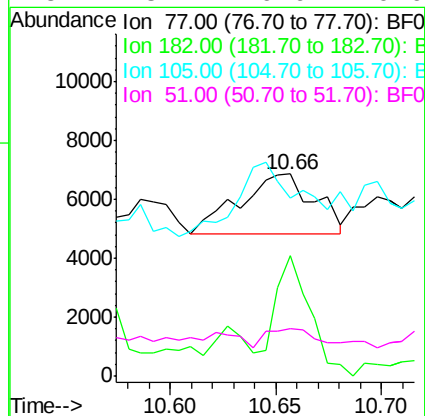
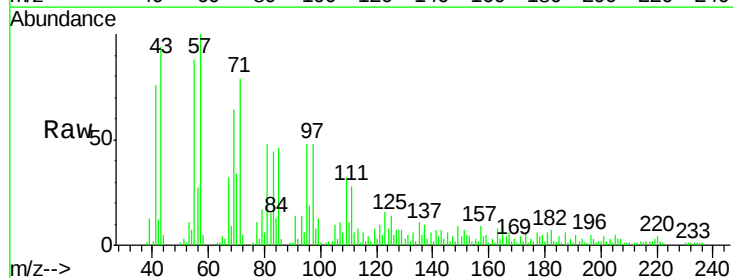
Instrument :
BNA_F
ClientSampled :

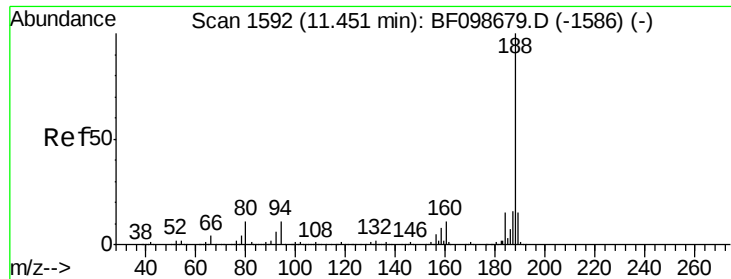
Tot Ion: 138 Resp: 3488
Ion Ratio Lower Upper
138 100
92 36.8 30.2 70.2
108 90.2 52.5 92.5



#62
Azobenzene
Concen: 0.44 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion: 77 Resp: 4979
Ion Ratio Lower Upper
77 100
182 59.7 1.7 41.7#
105 87.8 3.0 43.0#
51 23.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

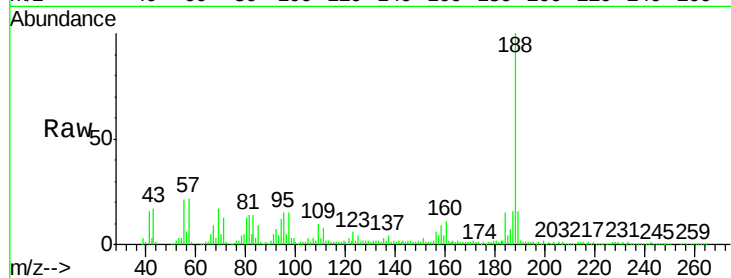
Tot Ion:188 Resp: 264906

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

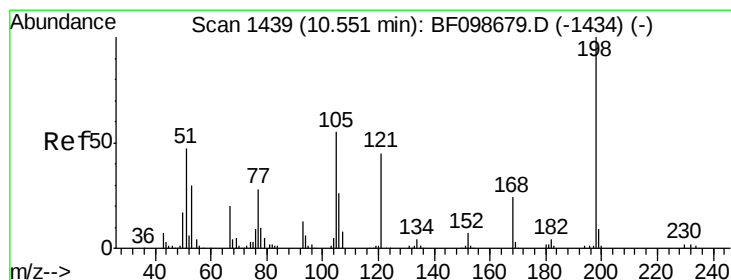
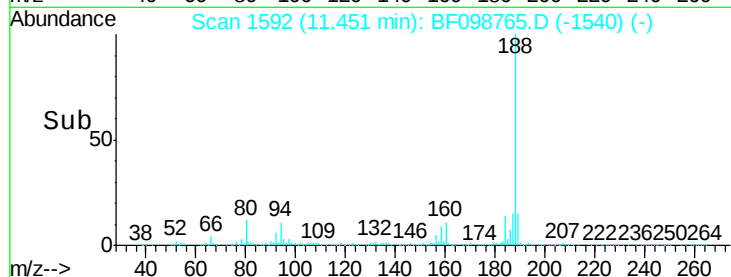
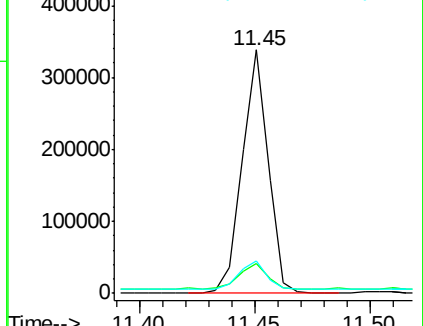
80 13.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.16 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

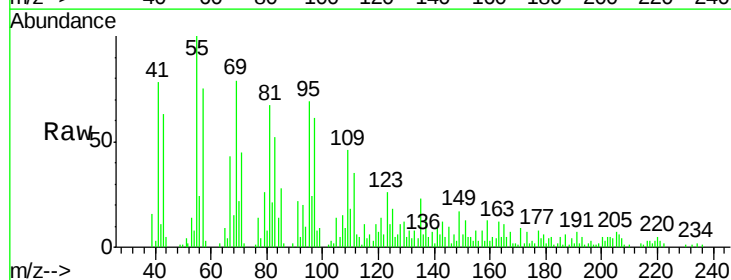
Tgt Ion:198 Resp: 259

Ion Ratio Lower Upper

198 100

51 442.0 37.7 77.7#

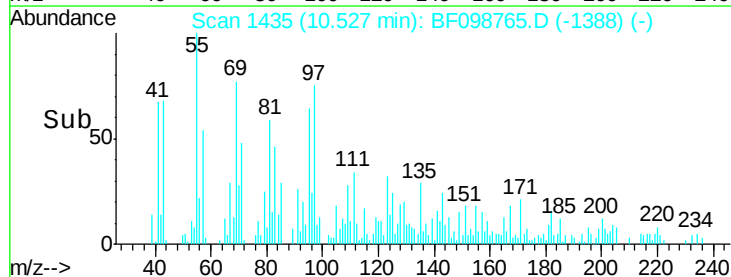
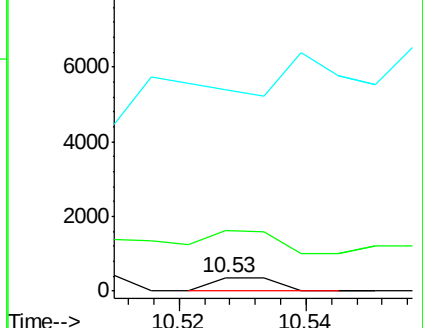
105 1466.8 36.3 76.3#

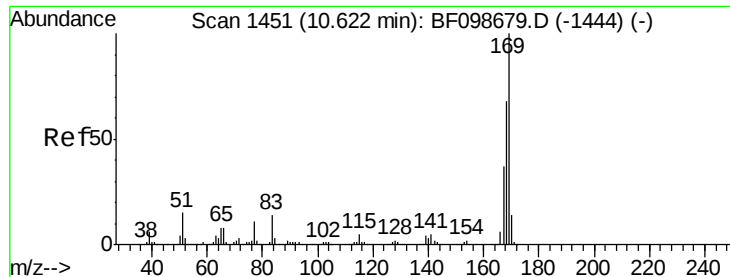


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

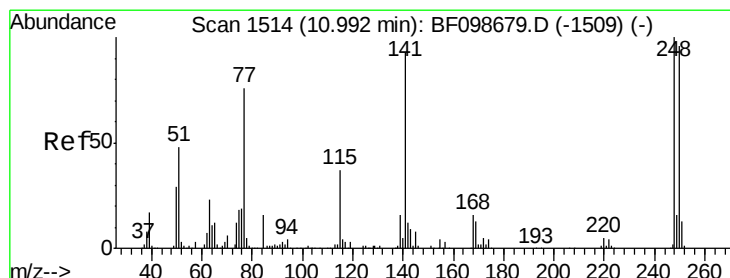
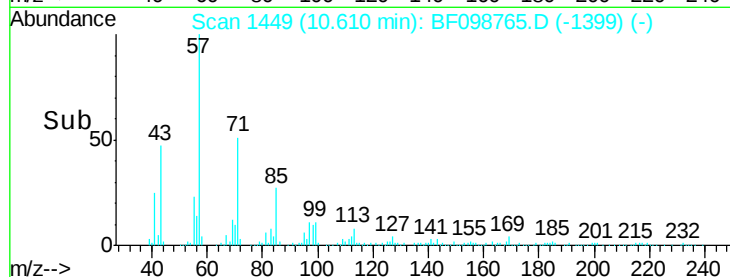
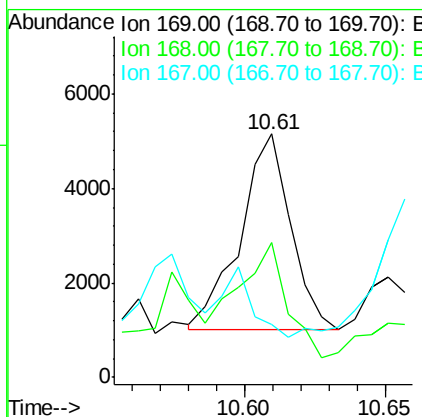
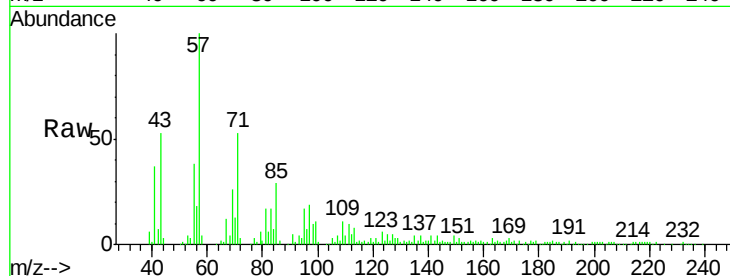




#65
 n-Nitrosodiphenylamine
 Concen: 0.56 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

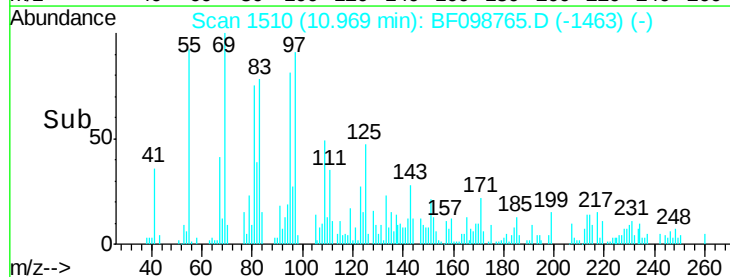
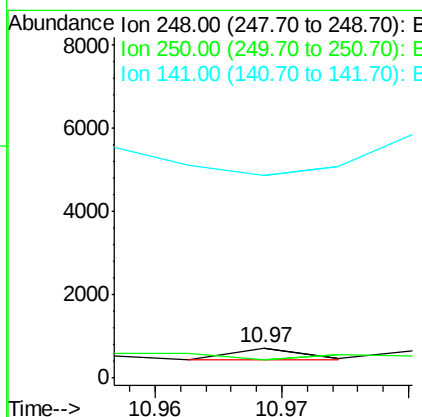
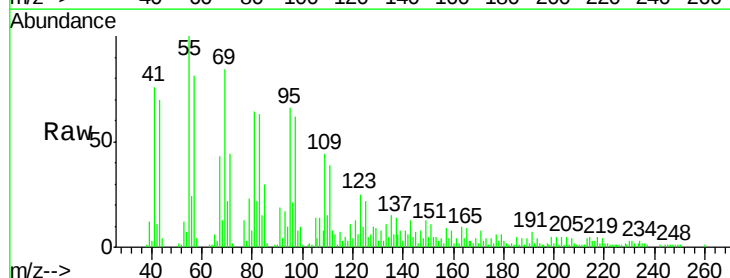
Instrument :
 BNA_F
 ClientSampleId :

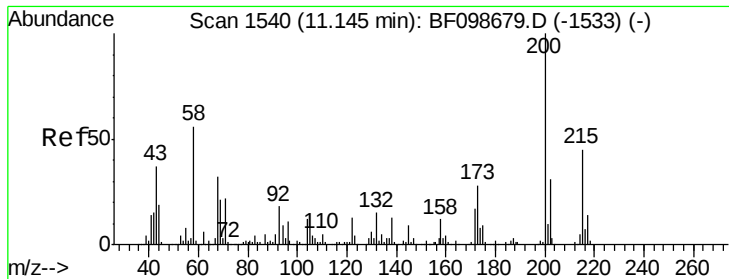
Tot Ion:169 Resp: 5171
 Ion Ratio Lower Upper
 169 100
 168 55.6 54.4 81.6
 167 21.9 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 0.04 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:248 Resp: 108
 Ion Ratio Lower Upper
 248 100
 250 62.3 76.9 115.3#
 141 674.5 74.4 111.6#





#68

Atrazine

Concen: 0.30 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampled :

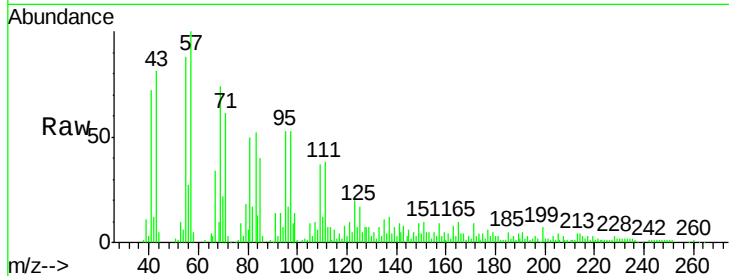
Tot Ion:200 Resp: 827

Ion Ratio Lower Upper

200 100

173 172.3 8.6 48.6#

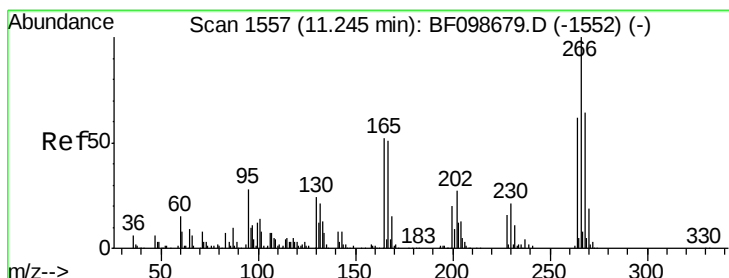
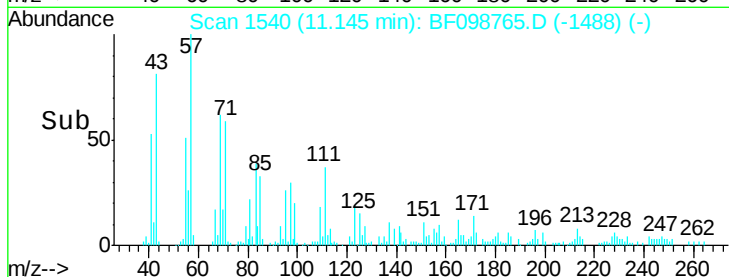
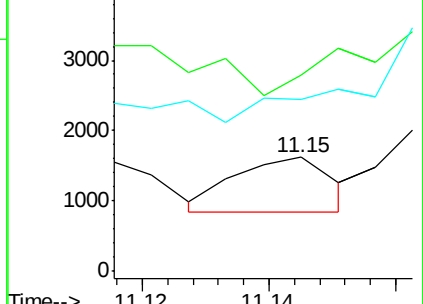
215 151.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.14 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

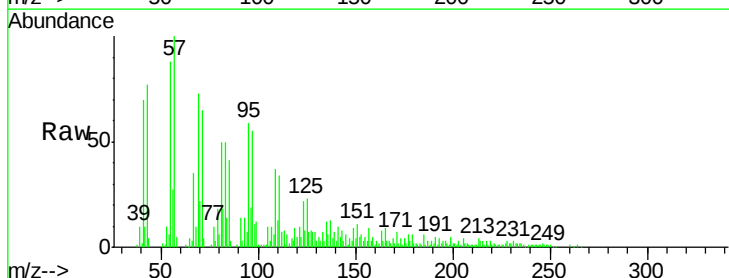
Tgt Ion:266 Resp: 238

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

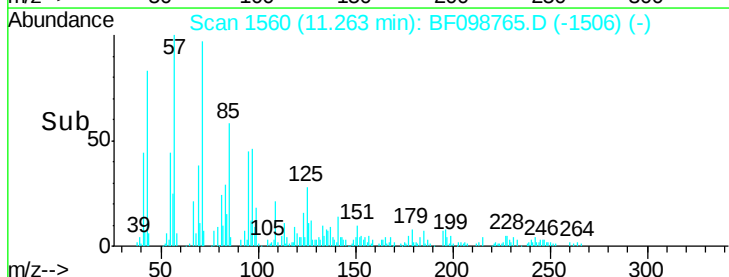
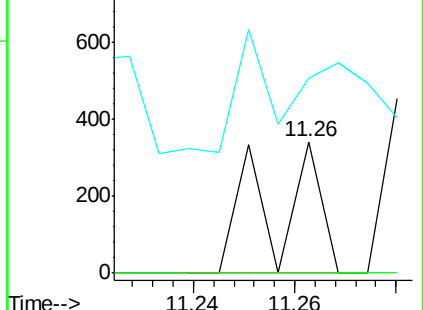
264 148.2 49.5 74.3#

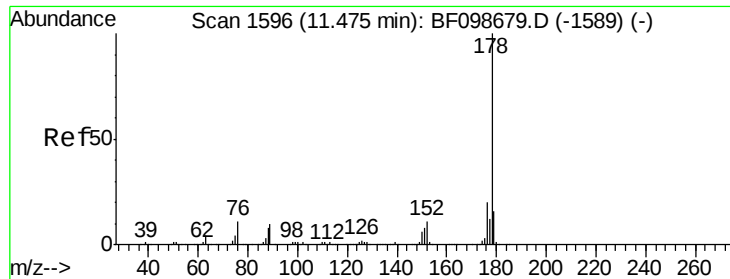


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.23 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

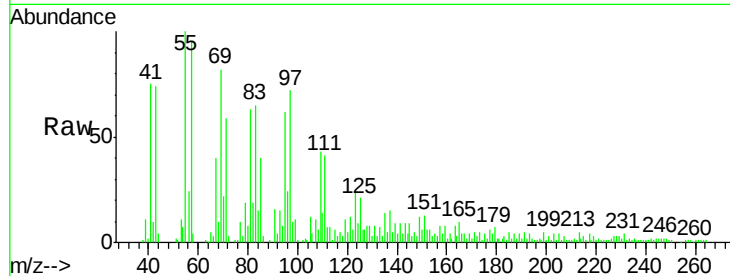
Tot Ion:178 Resp: 3224

Ion Ratio Lower Upper

178 100

176 53.6 15.8 23.8#

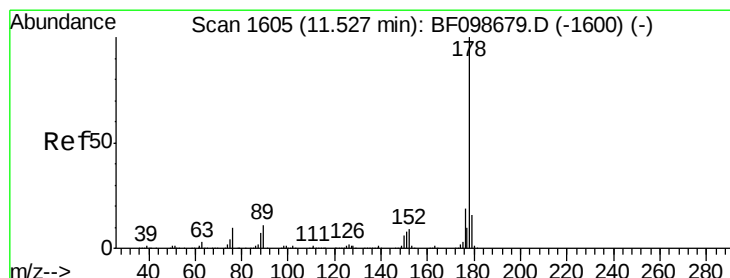
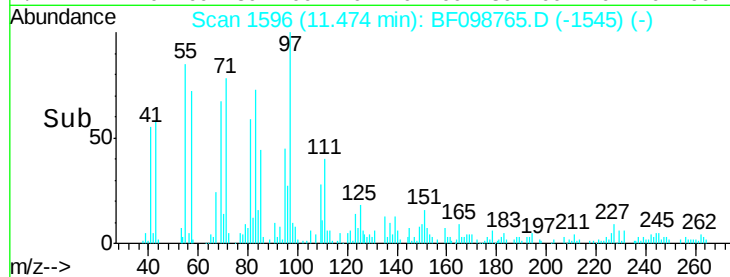
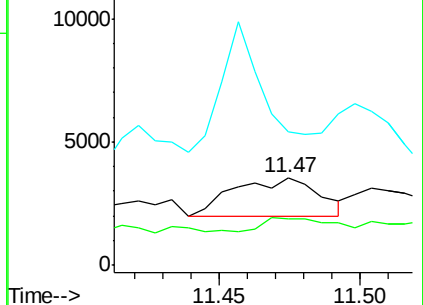
179 152.0 13.0 19.6#



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: 0.19 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.04 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

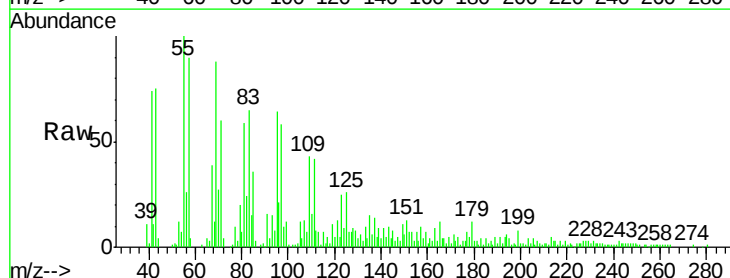
Tgt Ion:178 Resp: 2816

Ion Ratio Lower Upper

178 100

176 50.3 15.4 23.2#

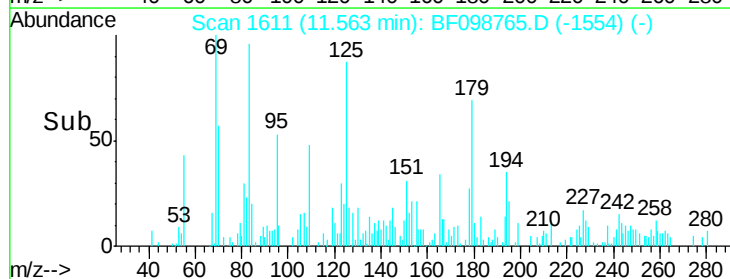
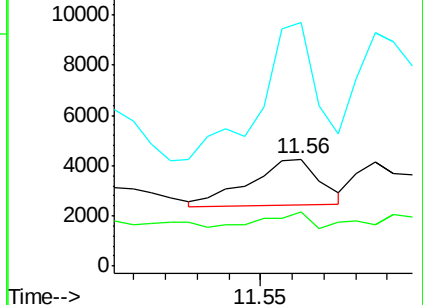
179 228.3 12.6 19.0#

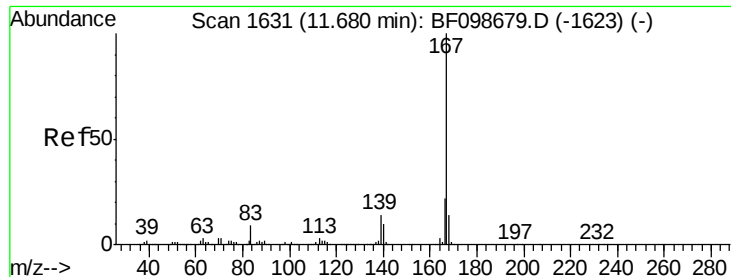


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.04 ng

RT: 11.70 min Scan# 1634

Delta R.T. 0.02 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

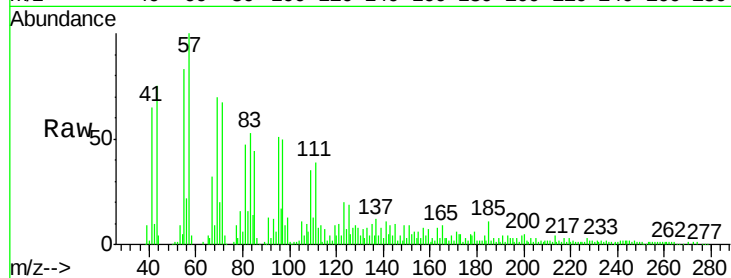
Tot Ion:167 Resp: 519

Ion Ratio Lower Upper

167 100

166 100.3 17.6 26.4#

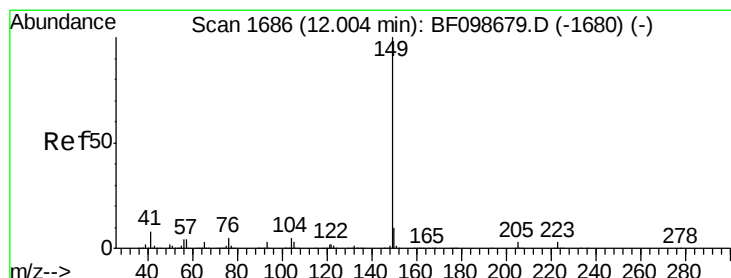
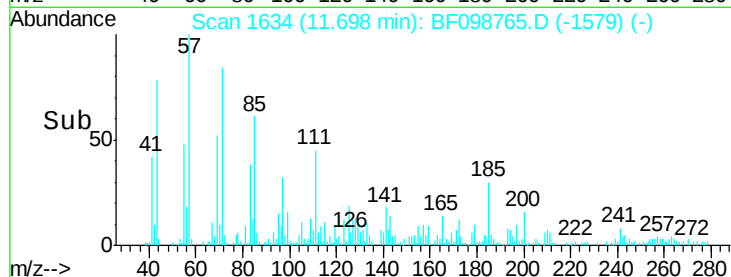
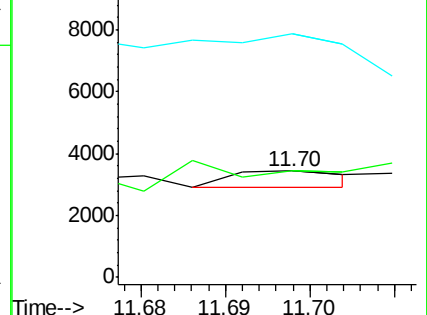
139 229.2 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.35 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

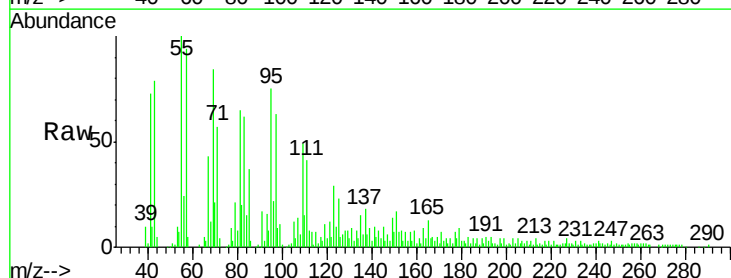
Tgt Ion:149 Resp: 6034

Ion Ratio Lower Upper

149 100

150 47.0 7.8 11.6#

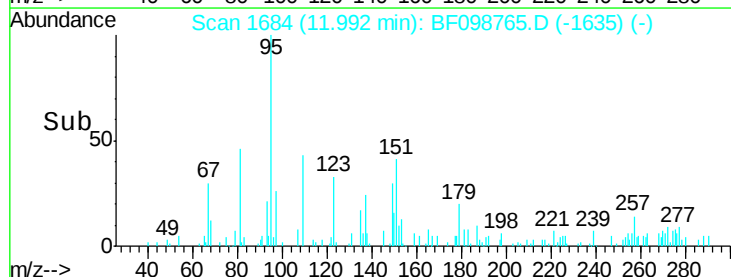
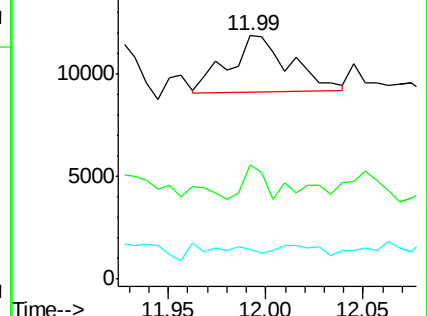
104 12.4 3.8 5.8#

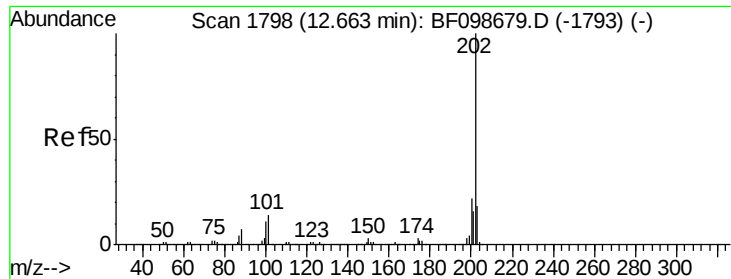


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.04 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampled :

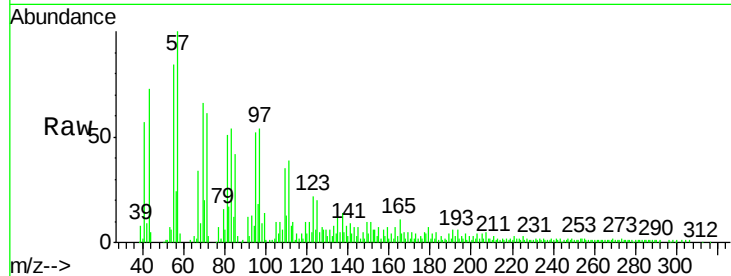
Tot Ion:202 Resp: 562

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

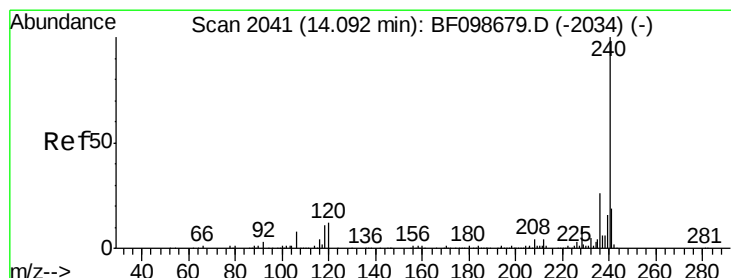
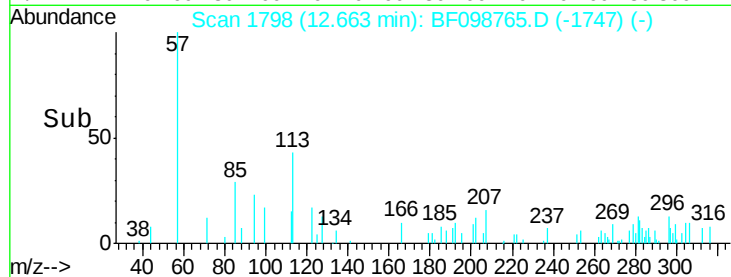
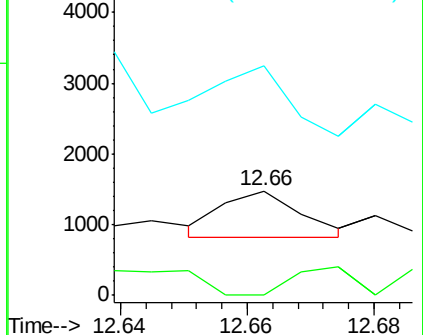
203 220.6 0.0 38.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

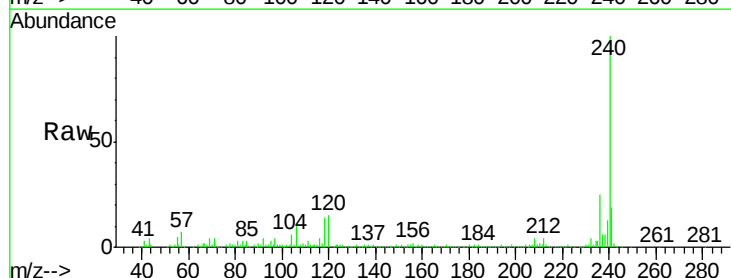
Tgt Ion:240 Resp: 277859

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

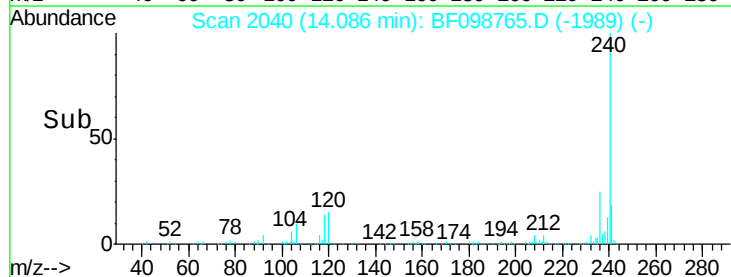
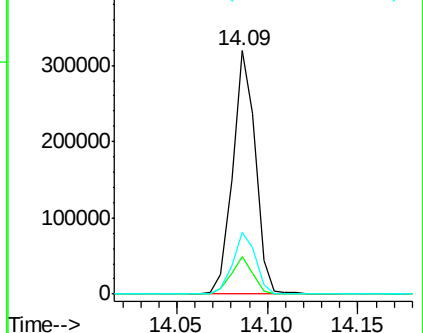
236 25.3 20.7 31.1

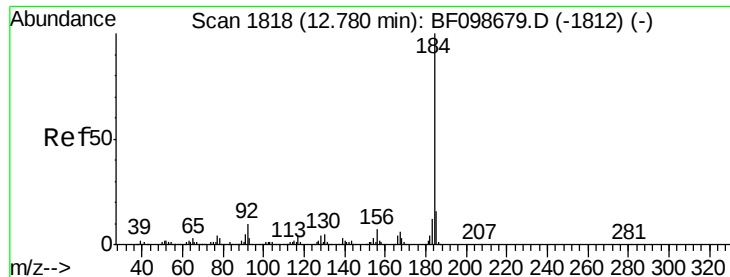


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.12 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampled :

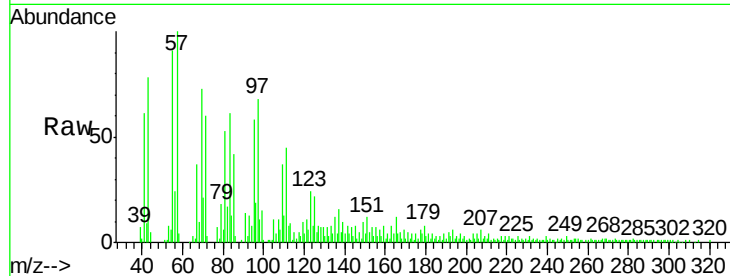
Tot Ion:184 Resp: 1269

Ion Ratio Lower Upper

184 100

185 134.3 12.6 18.8#

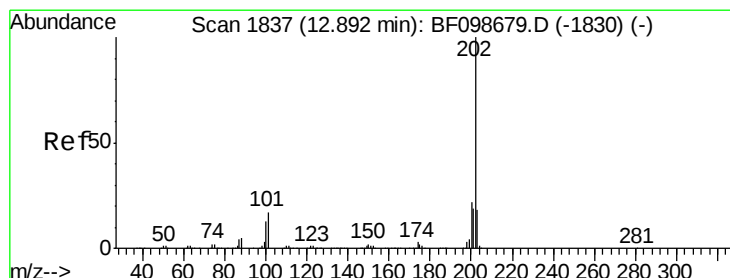
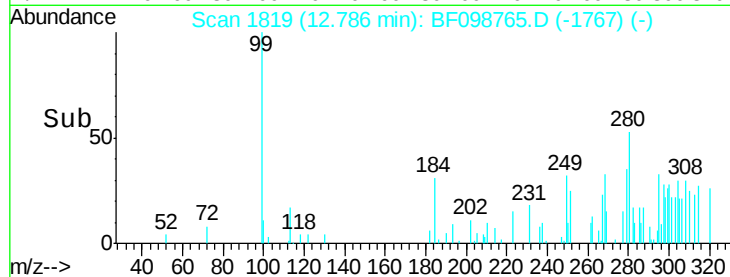
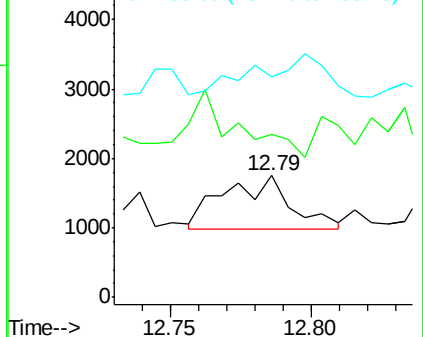
183 182.2 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.04 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

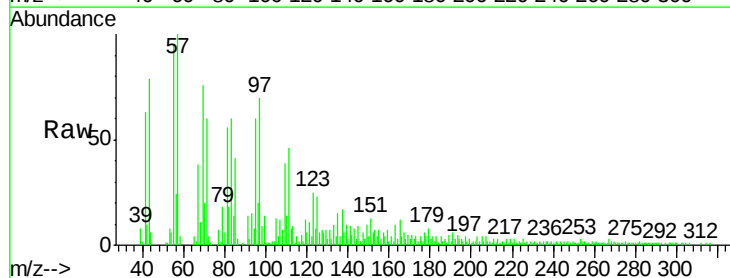
Tgt Ion:202 Resp: 759

Ion Ratio Lower Upper

202 100

200 56.5 17.4 26.2#

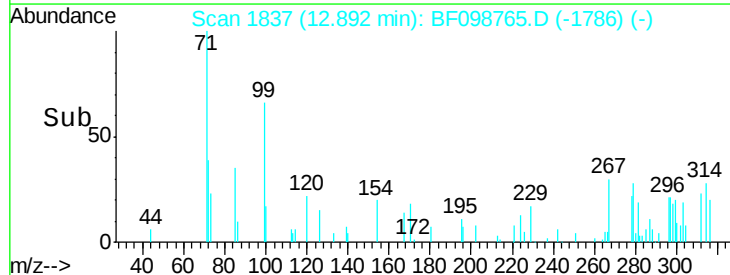
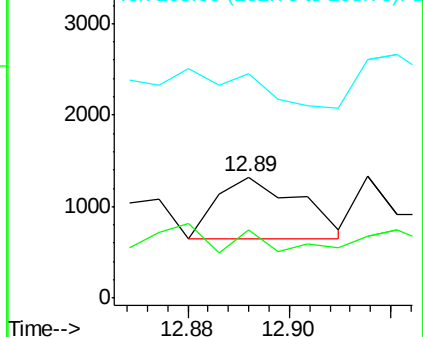
203 185.0 14.3 21.5#

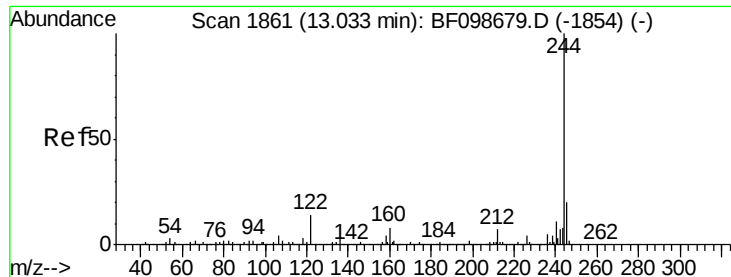


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

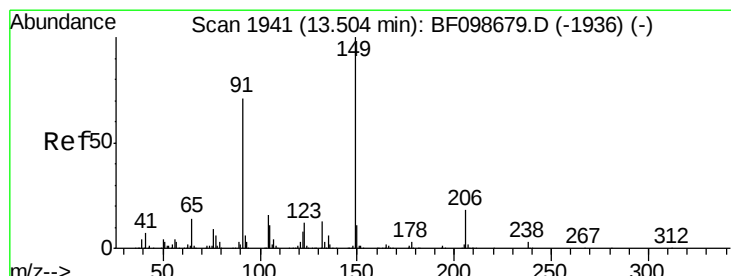
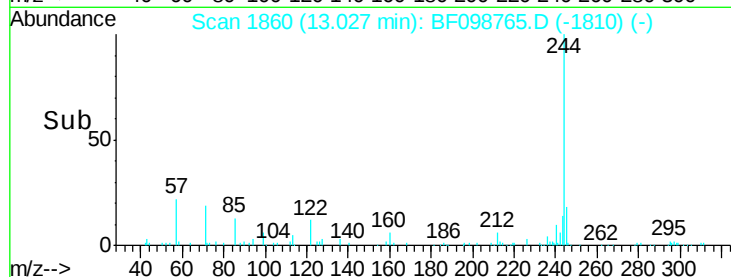
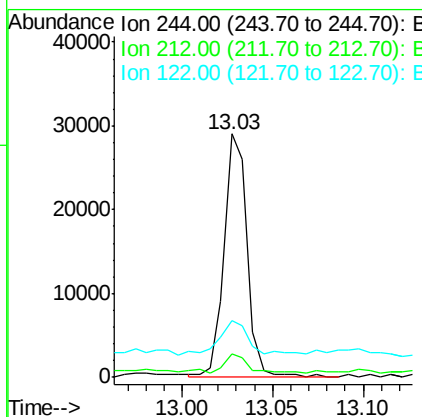
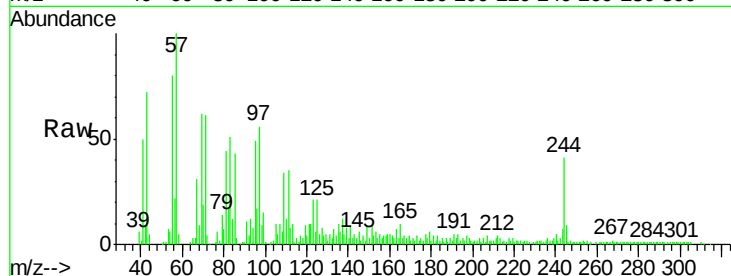




#78
 Terphenyl-d14
 Concen: 2.12 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

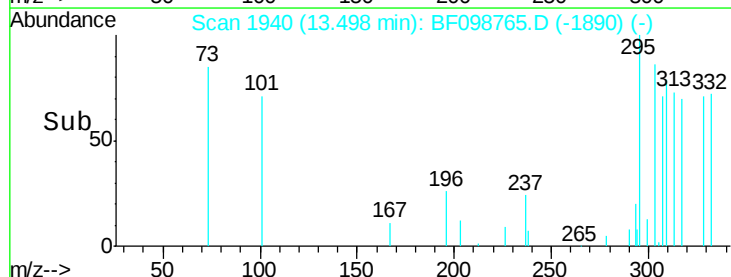
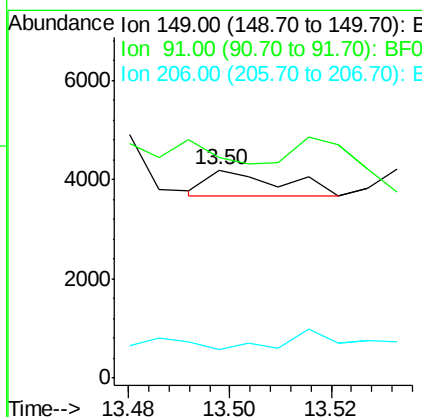
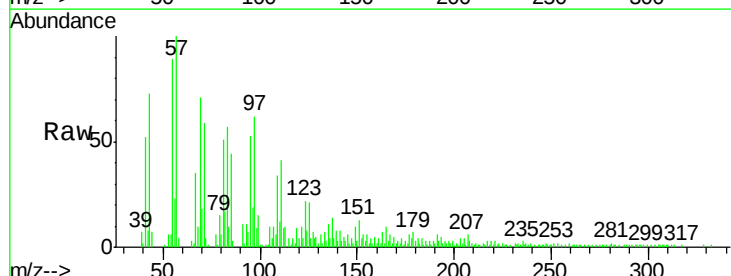
Instrument :
 BNA_F
 ClientSampled :

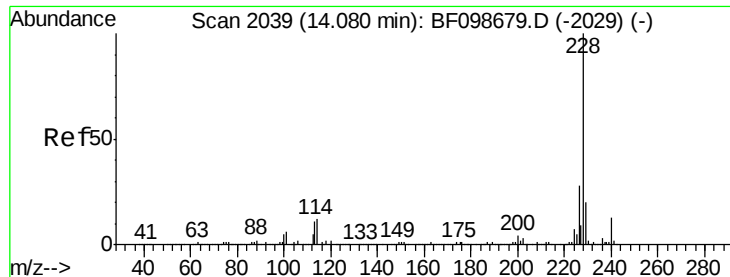
Tot Ion:244 Resp: 25905
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.4 8.0#
 122 23.4 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 0.05 ng
 RT: 13.50 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BF098765.D
 Acq: 24 Sep 2017 4:33

Tgt Ion:149 Resp: 515
 Ion Ratio Lower Upper
 149 100
 91 105.9 56.8 85.2#
 206 13.6 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

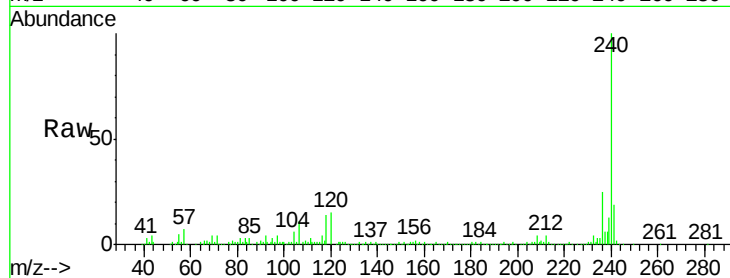
Tot Ion:228 Resp: 942

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

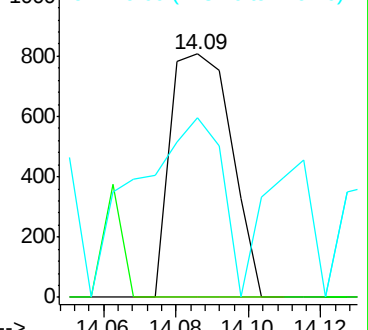
229 73.7 15.8 23.6#



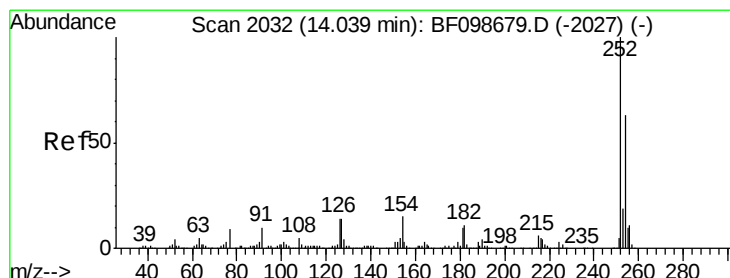
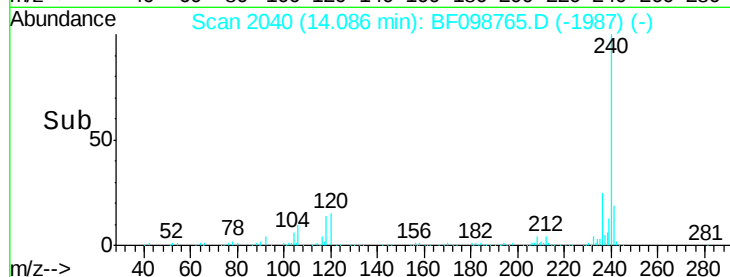
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.14 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

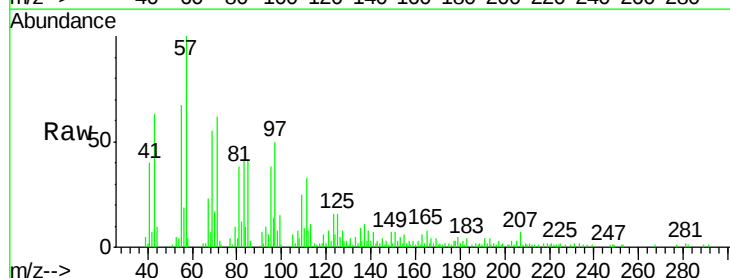
Tgt Ion:252 Resp: 114

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

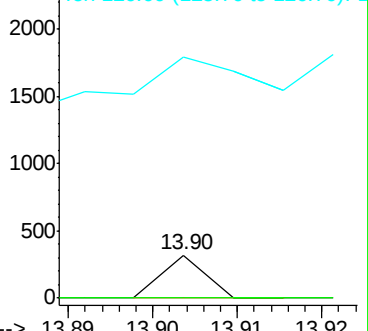
126 556.5 11.3 16.9#



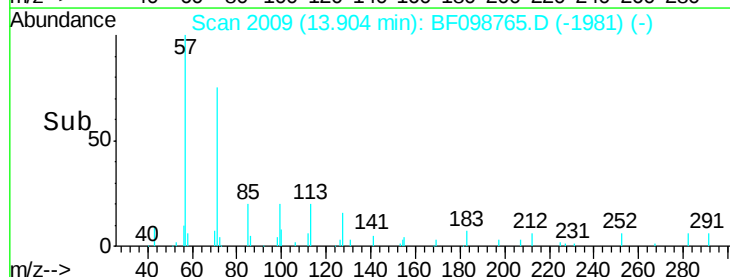
Abundance Ion 252.00 (251.70 to 252.70): E

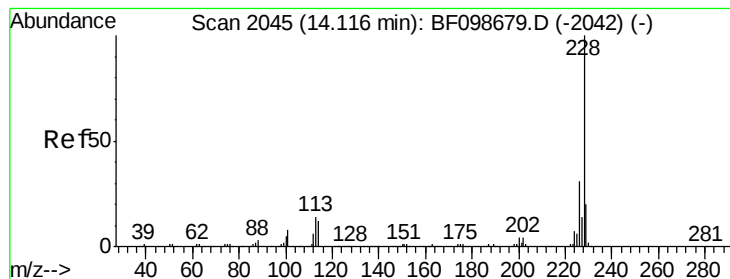
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#82

Chrysene

Concen: 0.06 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.03 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

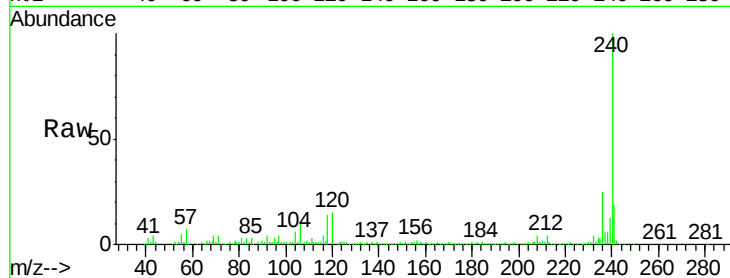
Tot Ion:228 Resp: 942

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

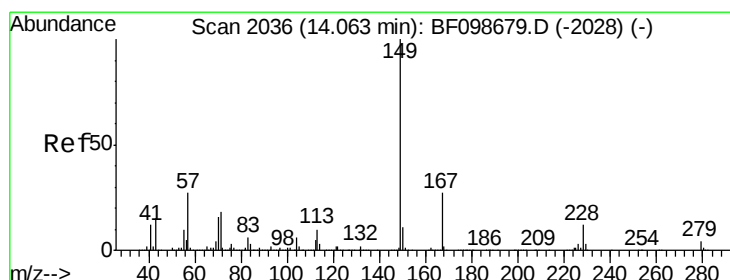
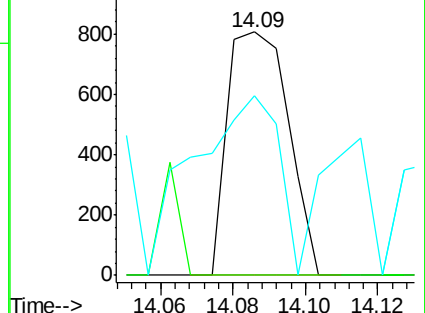
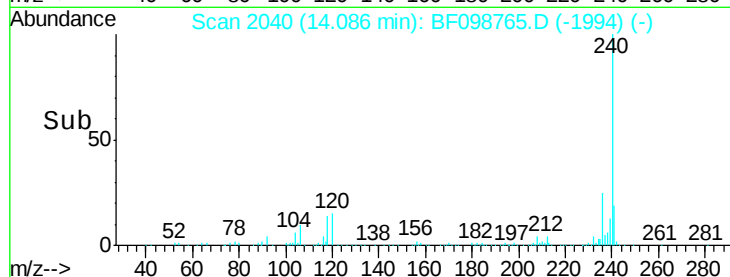
229 73.7 16.2 24.4#



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: 0.68 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

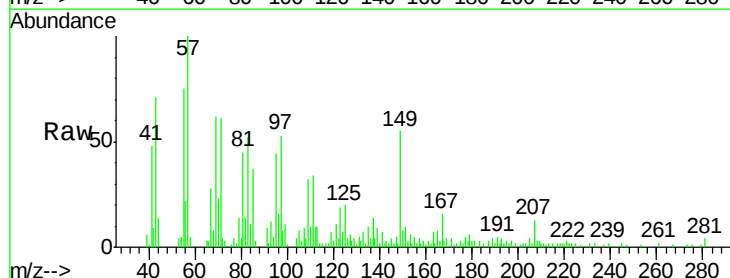
Tgt Ion:149 Resp: 9288

Ion Ratio Lower Upper

149 100

167 29.6 21.3 31.9

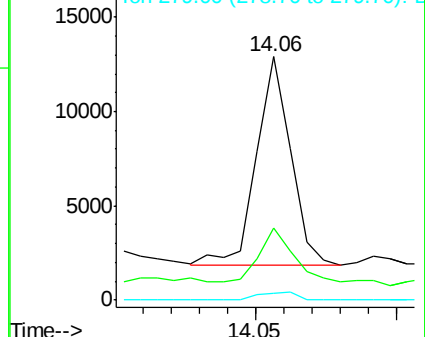
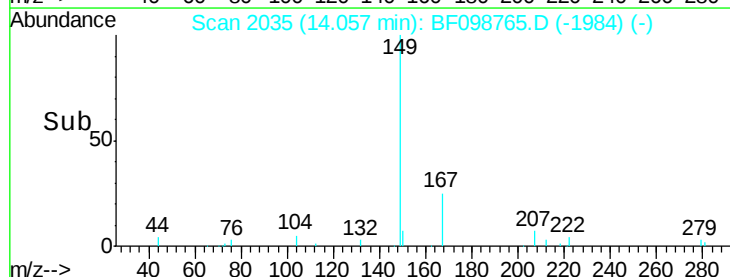
279 2.6 3.0 4.4#

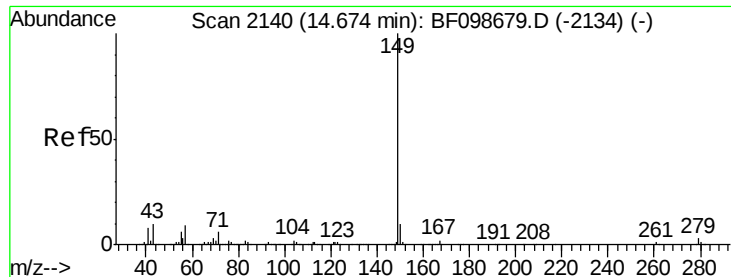


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

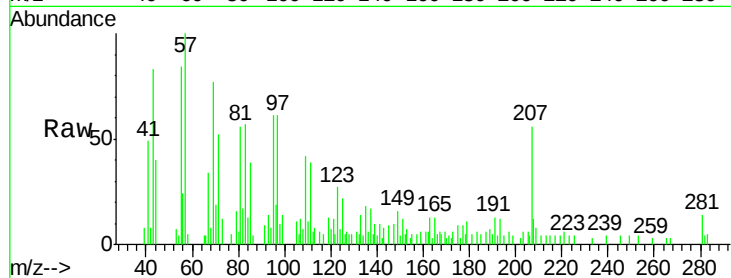




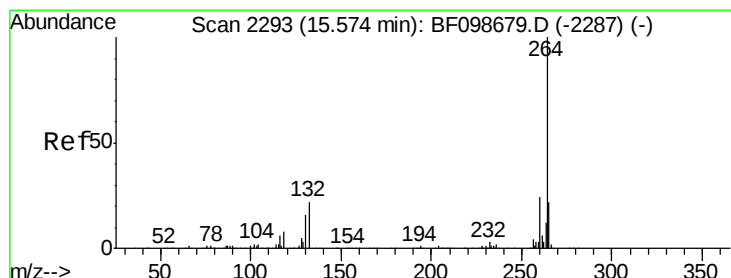
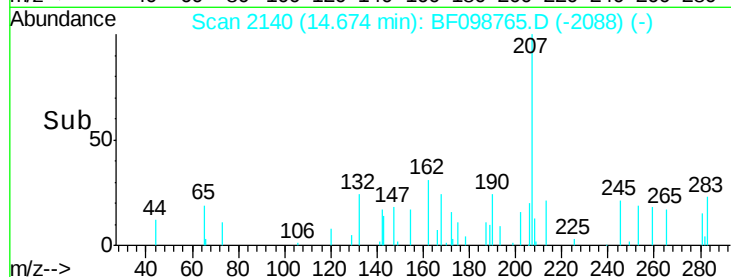
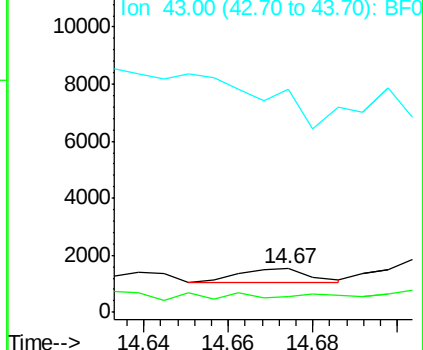
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#

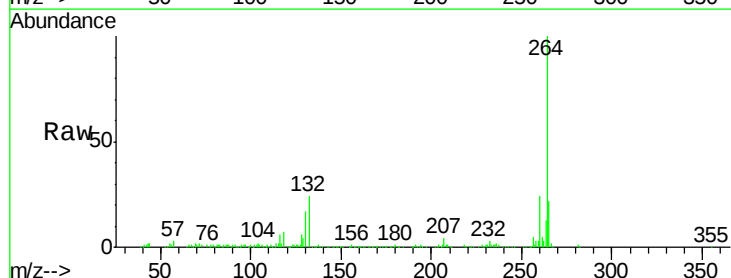


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

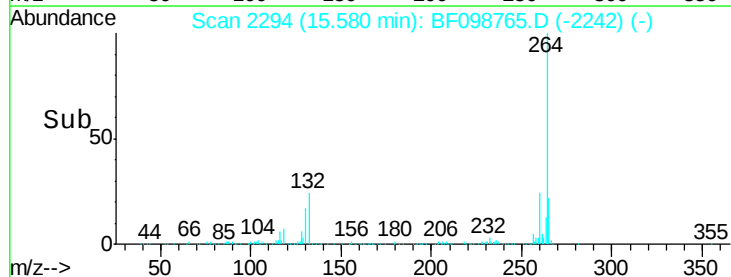
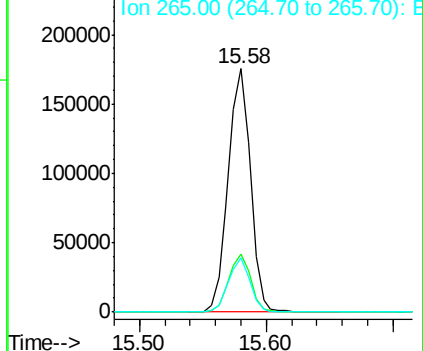


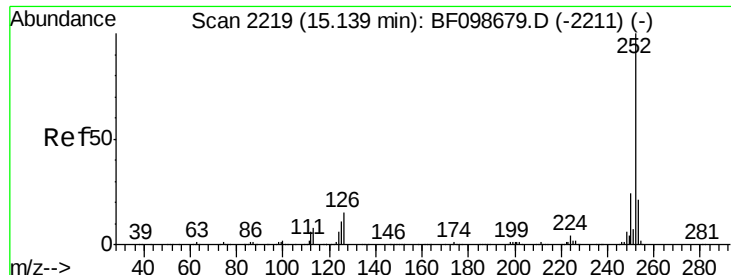
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	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

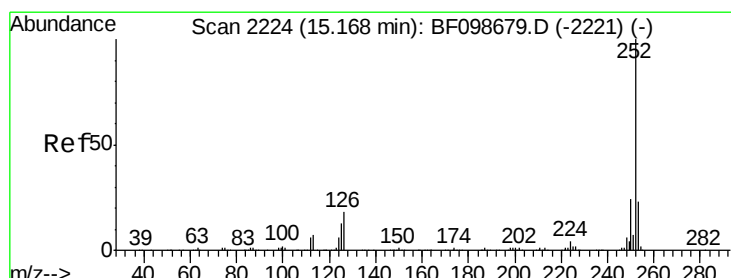
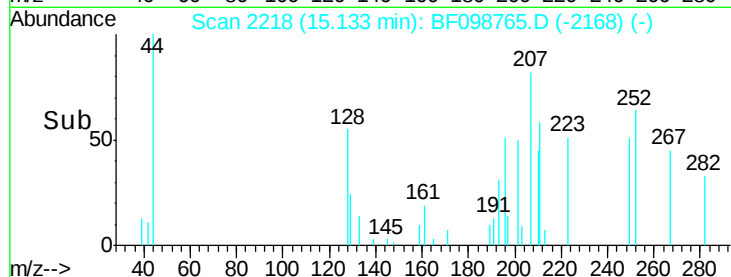
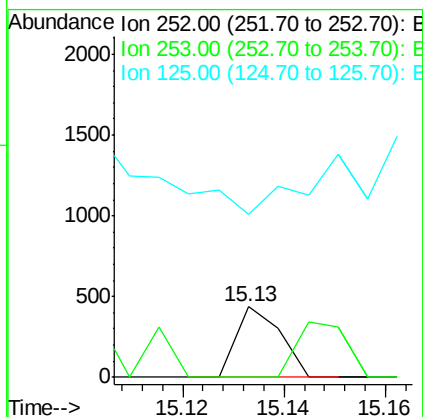
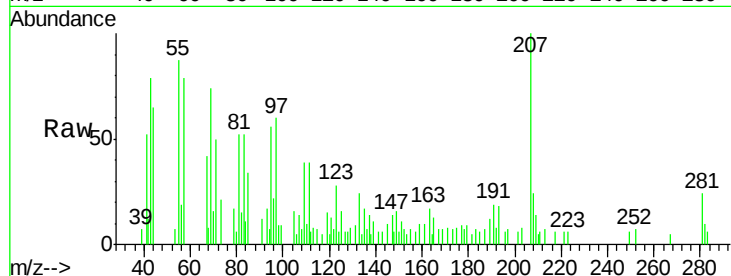




#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

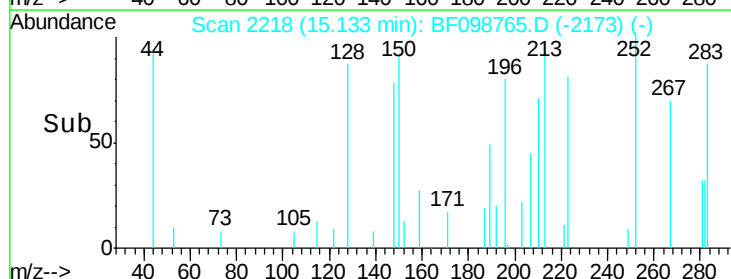
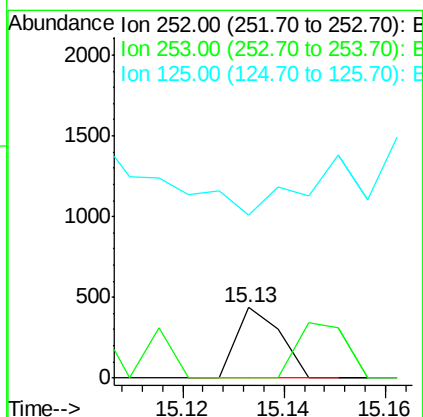
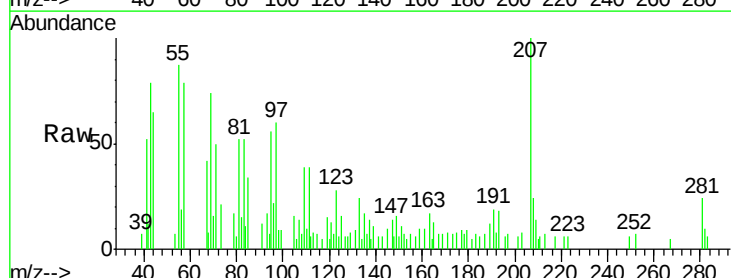
Instrument :
BNA_F
ClientSampleId :

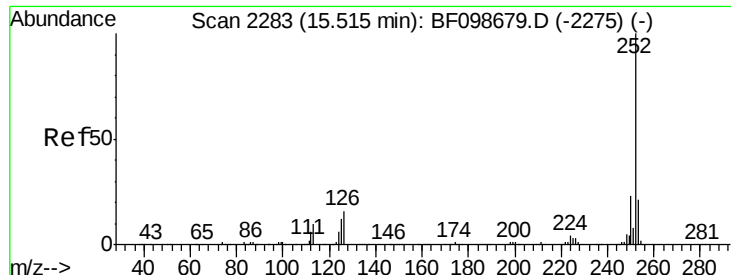
Tot Ion:252 Resp: 260
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 231.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF098765.D
Acq: 24 Sep 2017 4:33

Tgt Ion:252 Resp: 260
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 231.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF098765.D

Acq: 24 Sep 2017 4:33

Instrument :

BNA_F

ClientSampleId :

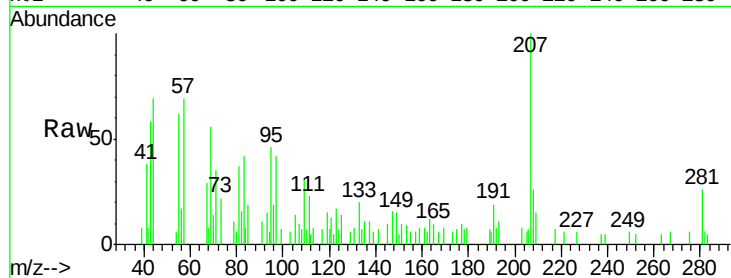
Tot Ion:252 Resp: 109

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 267.0 9.8 14.6#



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

