

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098768.D
 Acq On : 24 Sep 2017 5:58
 Operator : SJ/JU
 Sample : I5298-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 05:07:02 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	139004	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	486585	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	175014	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	273474	20.00	ng	0.00
75) Chrysene-d12	14.09	240	266794	20.00	ng	0.00
86) Perylene-d12	15.58	264	211423	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	415607	47.60	ng	0.00
7) Phenol-d6	6.53	99	324622	30.14	ng	-0.01
23) Nitrobenzene-d5	7.49	82	815094	107.43	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	124715	87.09	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1277697	121.88	ng	0.00
78) Terphenyl-d14	13.03	244	927221	79.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.55	93	392	0.03	ng	# 1
9) Benzaldehyde	6.69	77	13933	2.23	ng	87
10) Phenol	6.55	94	11899	0.99	ng	91
11) bis(2-Chloroethyl)ether	6.69	93	887	0.09	ng	# 1
12) 1,3-Dichlorobenzene	6.94	146	586	0.06	ng	# 70
13) 1,4-Dichlorobenzene	6.94	146	586	0.06	ng	# 61
14) 1,2-Dichlorobenzene	7.09	146	1065	0.11	ng	# 1
15) Benzyl Alcohol	7.08	79	13824	1.75	ng	# 30
17) 2-Methylphenol	7.08	107	116	0.01	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	106739	15.52	ng	# 76
20) 3+4-Methylphenols	7.08	107	116	0.01	ng	# 1
22) Acetophenone	7.32	105	113	0.01	ng	# 54
24) Nitrobenzene	7.49	77	2380	0.28	ng	# 33
25) Isophorone	7.49	82	814231	51.90	ng	# 64
30) 1,2,4-Trichlorobenzene	8.15	180	131	0.02	ng	# 83
45) 1,1'-Biphenyl	9.37	154	2350	0.16	ng	97
46) 2-Chloronaphthalene	9.67	162	254	0.02	ng	# 1
47) 2-Nitroaniline	9.66	65	359	0.10	ng	# 1
49) Dimethylphthalate	9.67	163	32400	2.45	ng	99
50) 2,6-Dinitrotoluene	9.96	165	22146	7.70	ng	# 26
51) Acenaphthene	9.96	154	523	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.96	165	22146	5.93	ng	# 24
57) Fluorene	10.75	166	7361	0.63	ng	# 90
59) Diethylphthalate	10.37	149	1514	0.12	ng	# 82
62) Azobenzene	10.67	77	107	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.75	198	143	0.09	ng	# 1
65) n-Nitrosodiphenylamine	10.75	169	5004	0.53	ng	# 42
66) 4-Bromophenyl-phenylether	10.75	248	9088	3.40	ng	# 1
70) Phenanthrene	11.47	178	160	0.01	ng	# 59
71) Anthracene	11.47	178	160	0.01	ng	# 60
73) Di-n-butylphthalate	12.00	149	1485	0.08	ng	# 78
74) Fluoranthene	12.66	202	142	0.01	ng	62
76) Benzidine	13.03	184	13825	1.40	ng	# 89
77) Pyrene	13.03	202	3149	0.15	ng	# 51

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

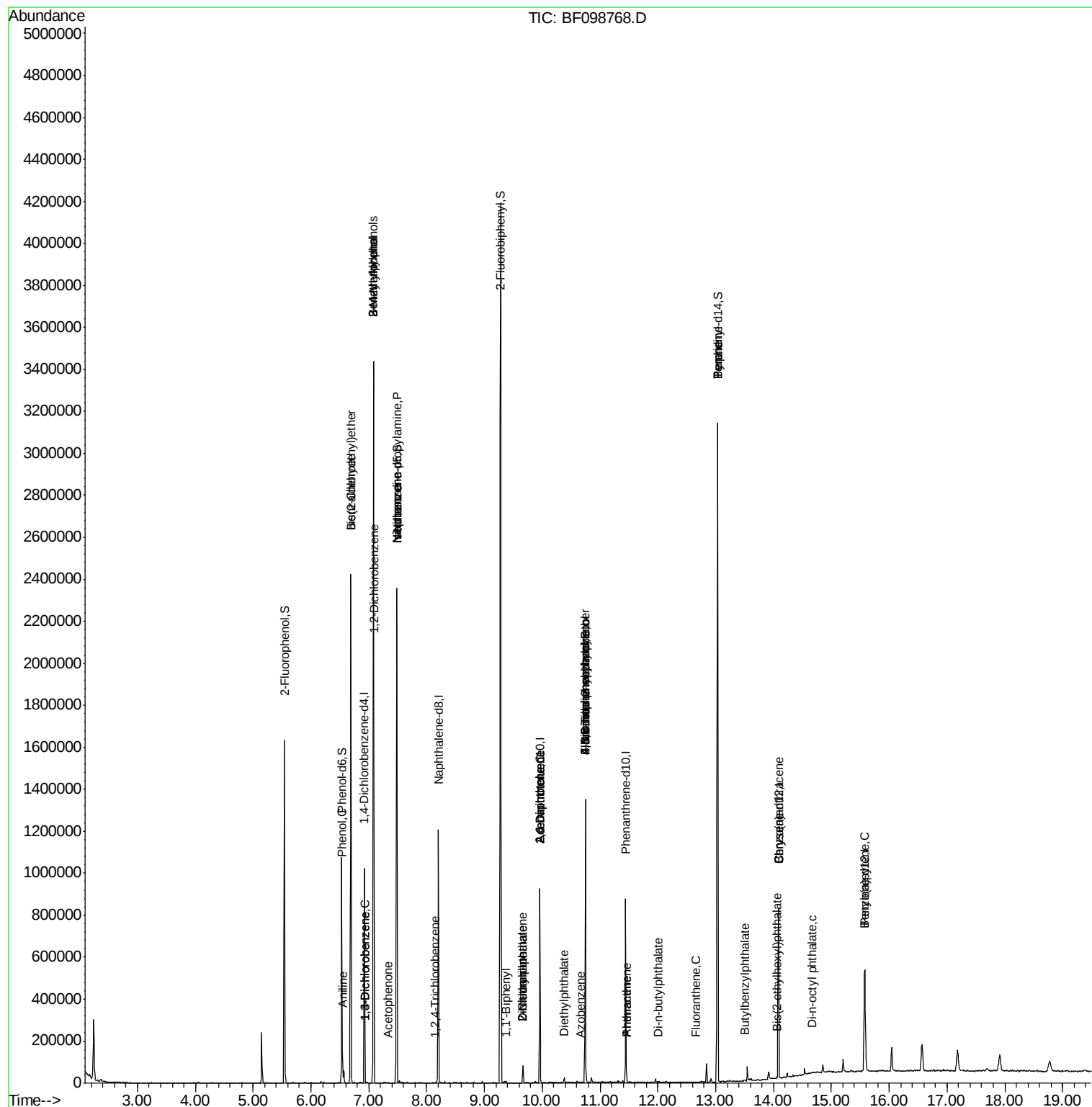
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.50	149	134	0.01	nq	# 42
80) Benzo(a)anthracene	14.08	228	809	0.05	nq	# 45
82) Chrysene	14.08	228	809	0.05	nq	# 44
83) Bis(2-ethylhexyl)phthalate	14.06	149	2804	0.21	nq	# 91
84) Di-n-octyl phthalate	14.67	149	557	0.03	nq	# 75
89) Benzo(a)pyrene	15.57	252	773	0.06	nq	# 1

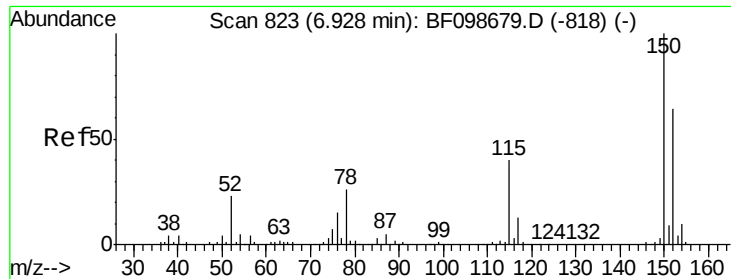
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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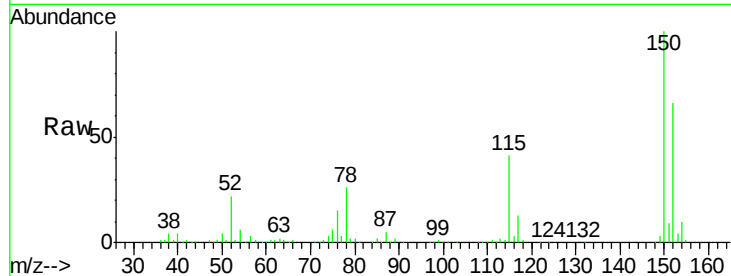


#1

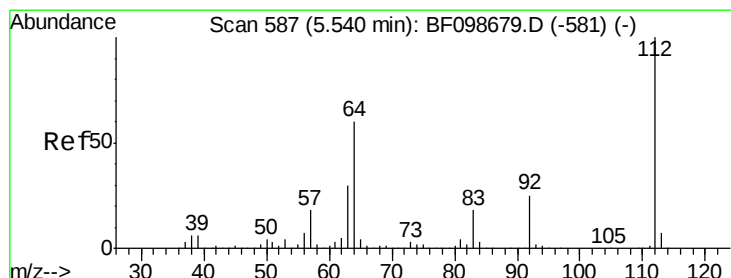
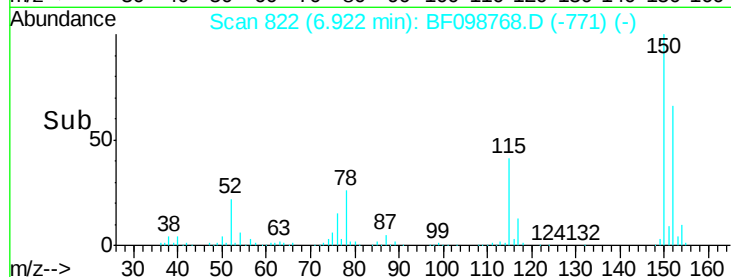
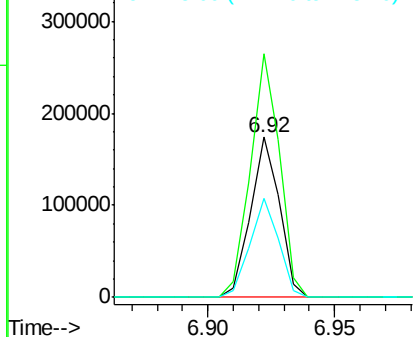
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 139004
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 61.8 50.1 75.1



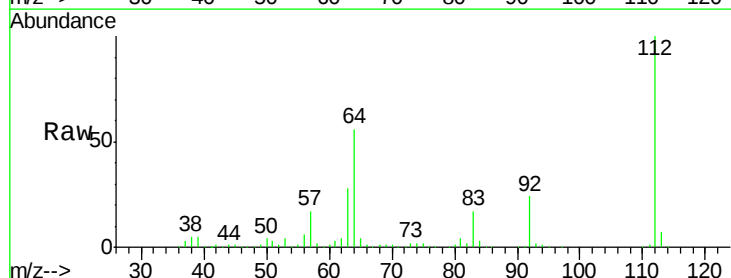
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



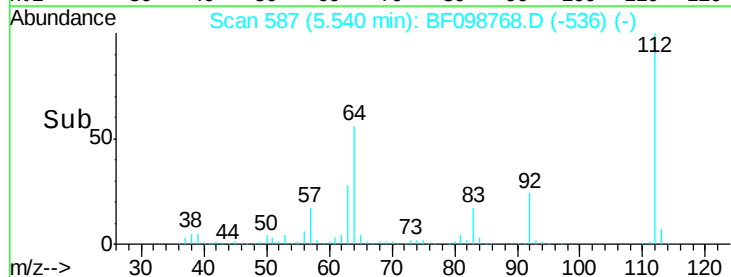
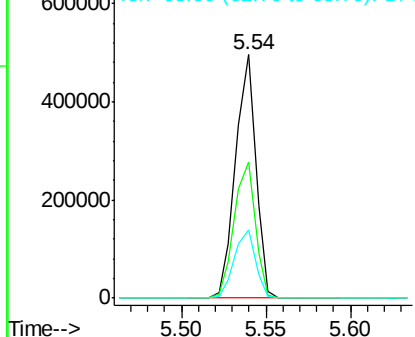
#5

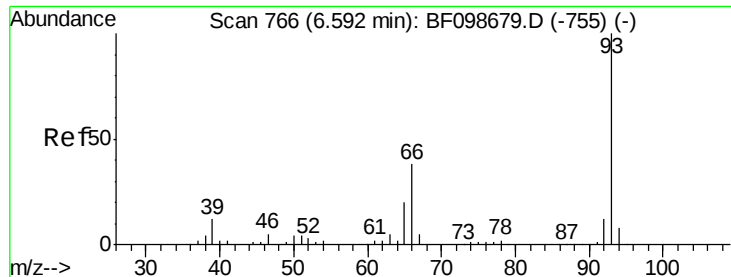
2-Fluorophenol
 Concen: 47.60 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion:112 Resp: 415607
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 27.8 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





#6

Aniline

Concen: 0.03 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

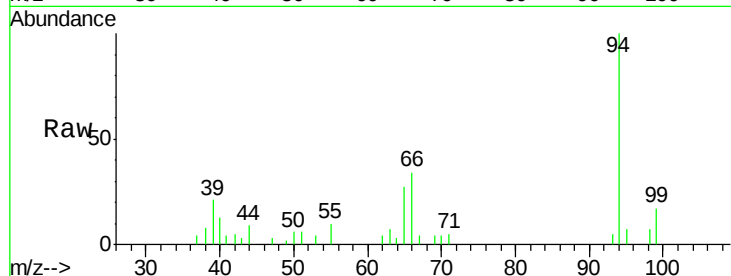
Tot Ion: 93 Resp: 392

Ion Ratio Lower Upper

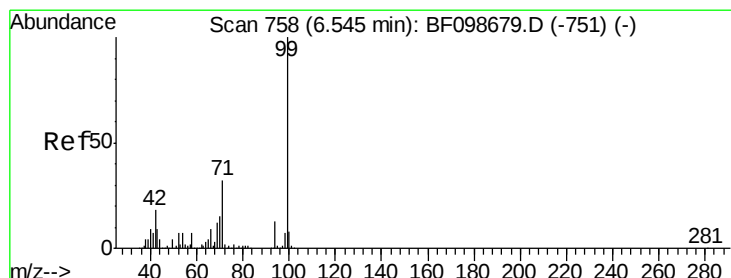
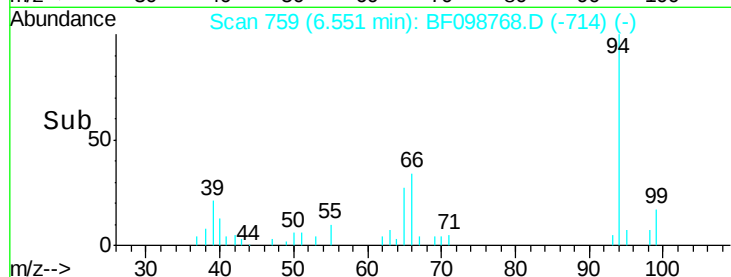
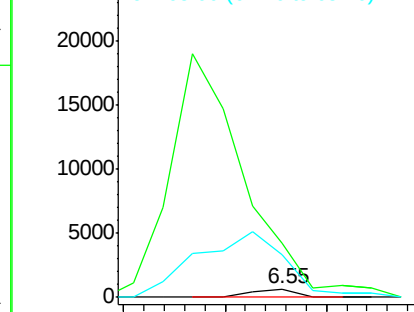
93 100

66 650.8 32.2 48.2#

65 521.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 30.14 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

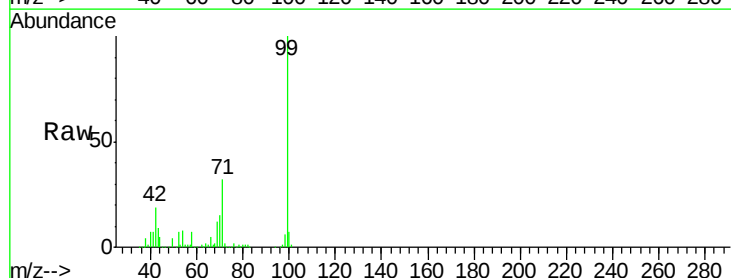
Tgt Ion: 99 Resp: 324622

Ion Ratio Lower Upper

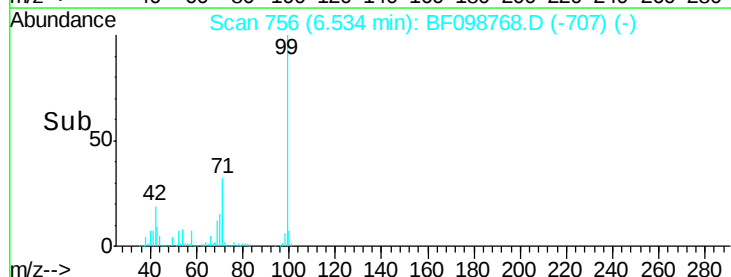
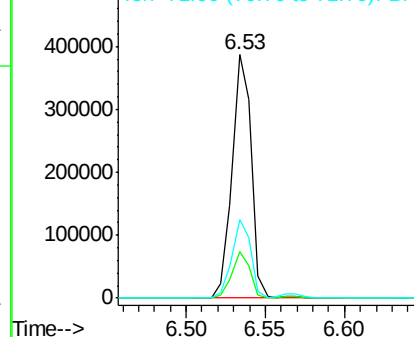
99 100

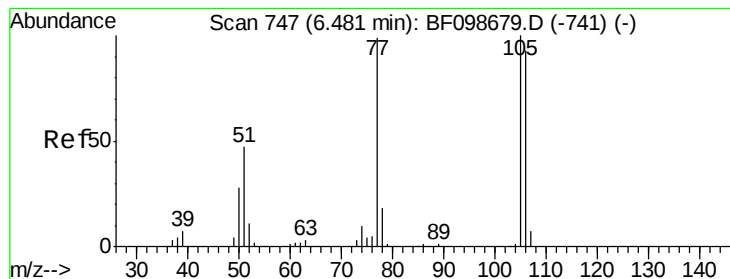
42 18.9 14.5 21.7

71 32.1 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

Benzaldehyd

Concen: 2.23 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

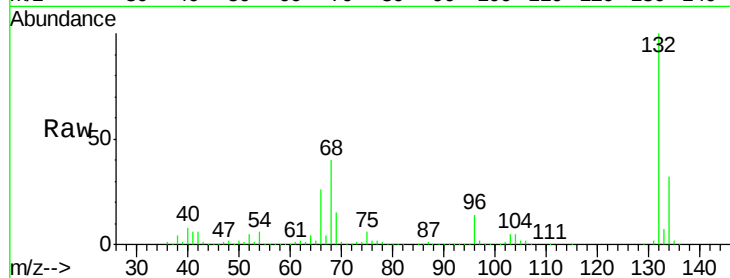
Tot Ion: 77 Resp: 13933

Ion Ratio Lower Upper

77 100

105 85.4 81.1 121.1

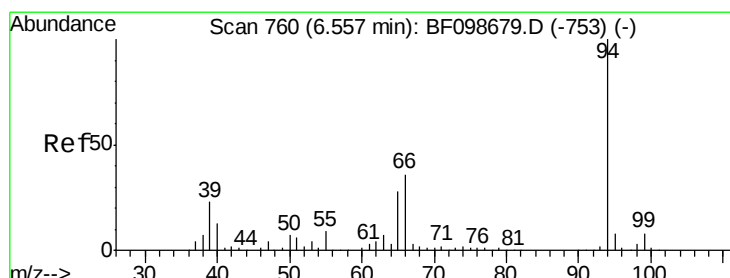
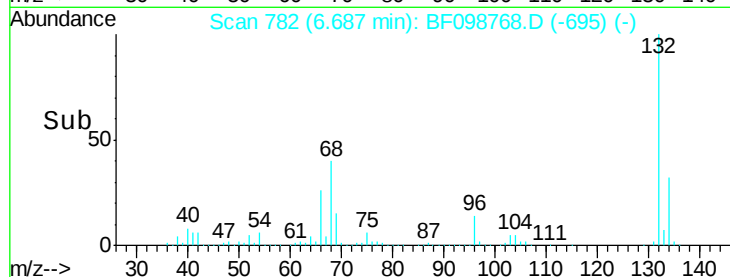
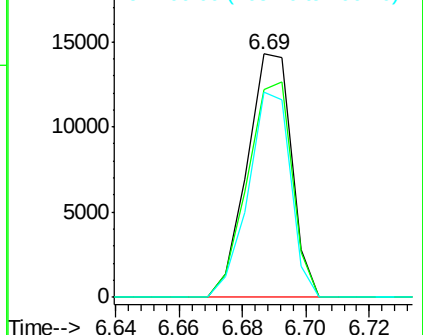
106 84.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.99 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

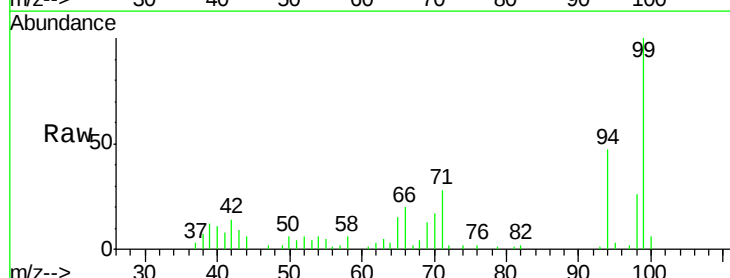
Tgt Ion: 94 Resp: 11899

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

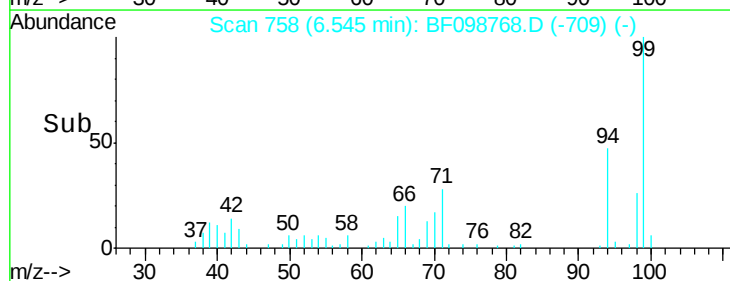
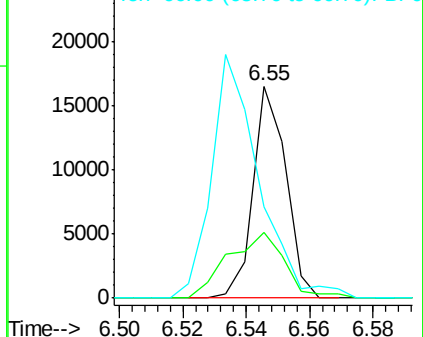
66 43.2 16.2 56.2

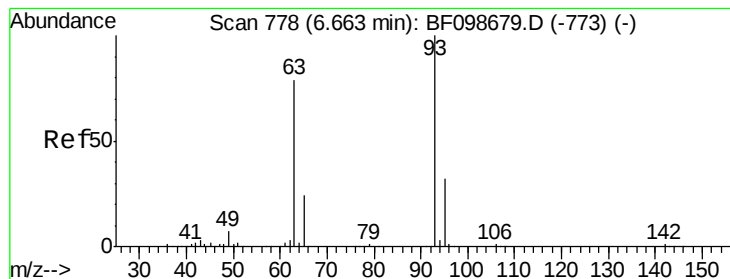


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.04 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

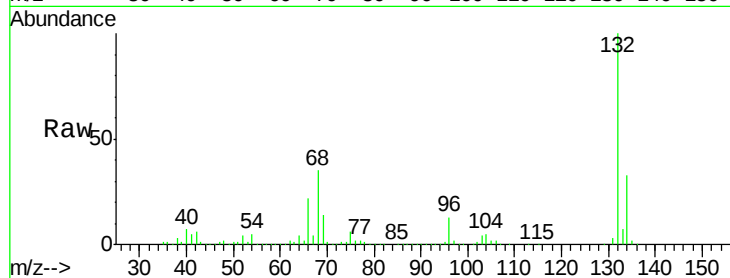
Tot Ion: 93 Resp: 887

Ion Ratio Lower Upper

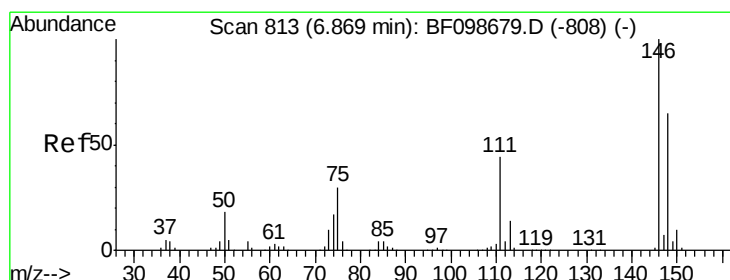
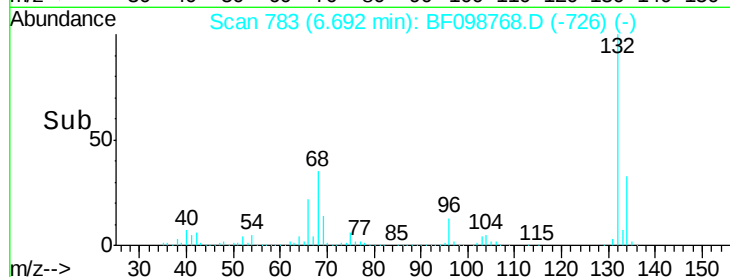
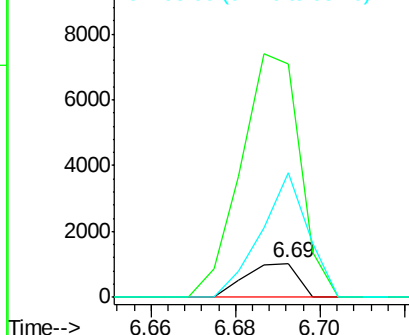
93 100

63 681.6 58.6 98.6#

95 363.3 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 0.06 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.08 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

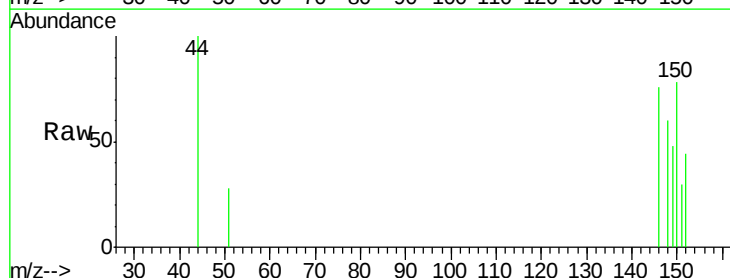
Tgt Ion: 146 Resp: 586

Ion Ratio Lower Upper

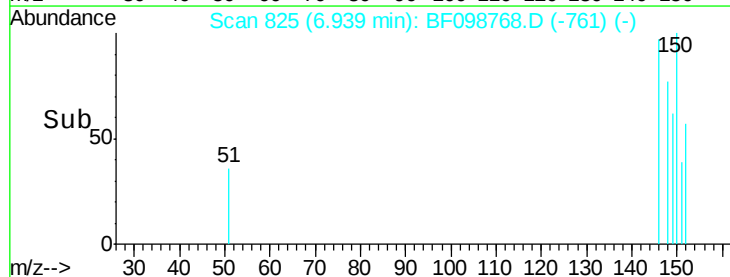
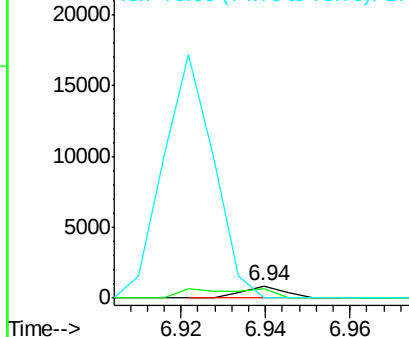
146 100

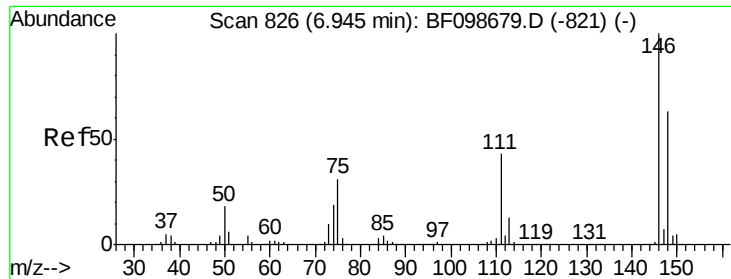
148 78.8 51.8 77.8#

75 0.0 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

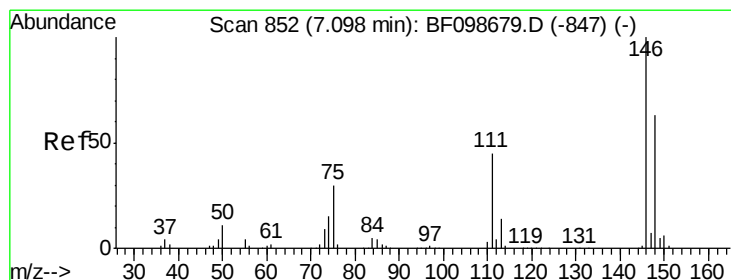
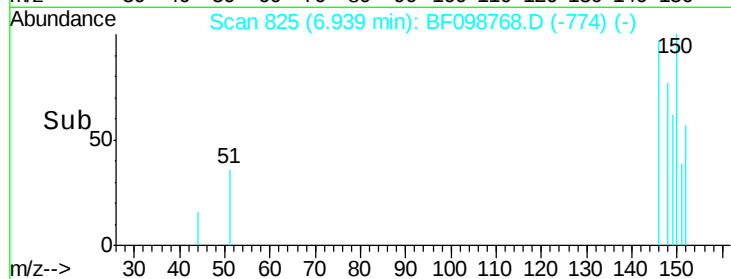
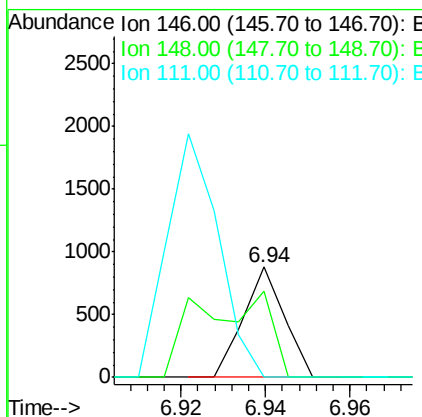
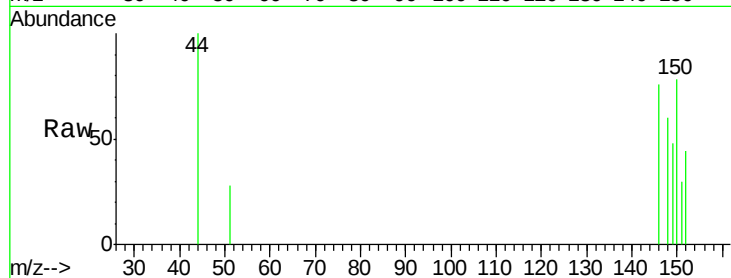




#13
 1,4-Dichlorobenzene
 Concen: 0.06 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

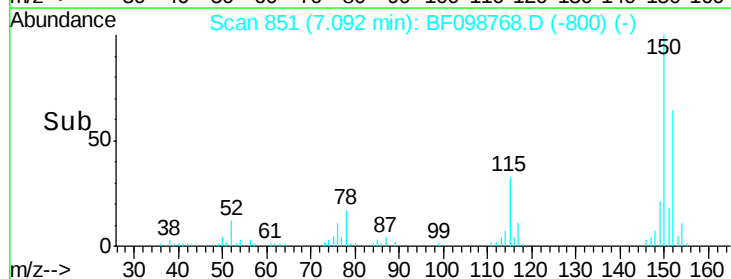
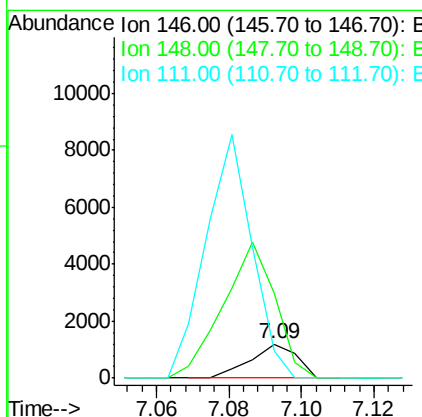
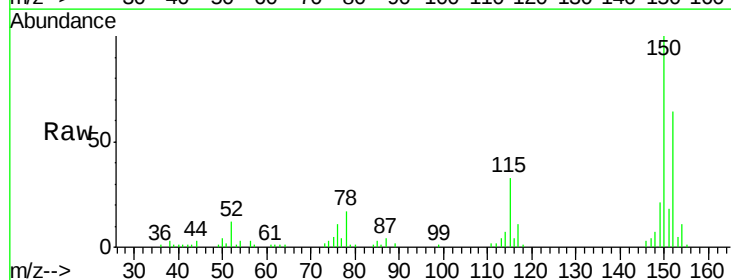
Instrument :
 BNA_F
 ClientSampled :

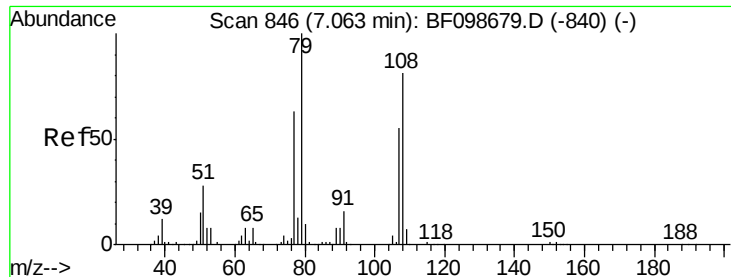
Tot Ion:146 Resp: 586
 Ion Ratio Lower Upper
 146 100
 148 78.8 50.8 76.2#
 111 0.0 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.11 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion:146 Resp: 1065
 Ion Ratio Lower Upper
 146 100
 148 250.3 50.6 75.8#
 111 81.3 36.0 54.0#





#15

Benzyl Alcohol

Concen: 1.75 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.02 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampled :

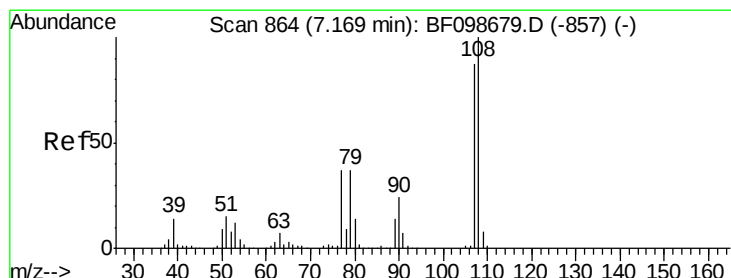
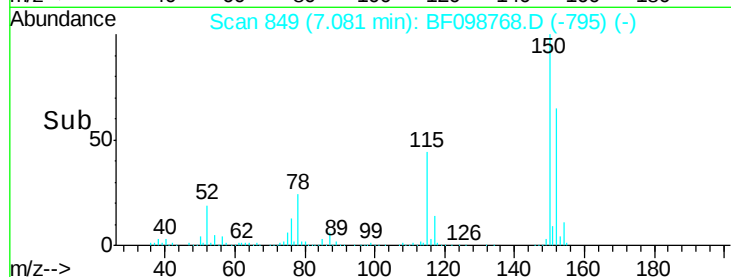
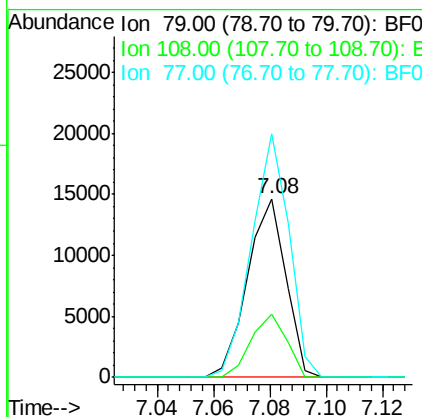
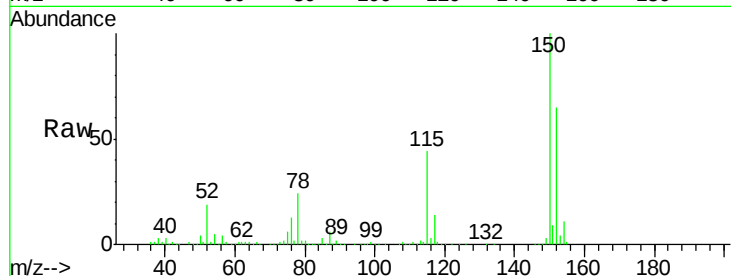
Tot Ion: 79 Resp: 13824

Ion Ratio Lower Upper

79 100

108 35.3 65.1 97.7#

77 136.4 50.6 75.8#



#17

2-Methylphenol

Concen: 0.01 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.08 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Tgt Ion: 107 Resp: 116

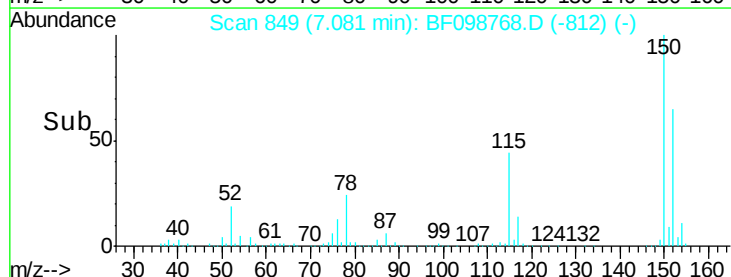
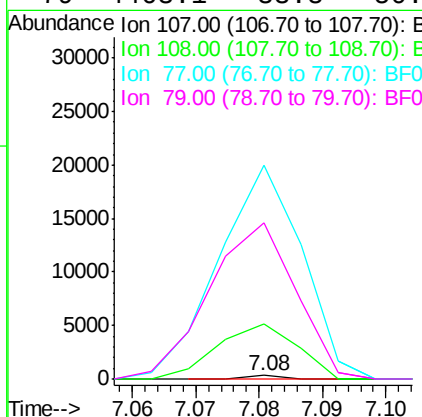
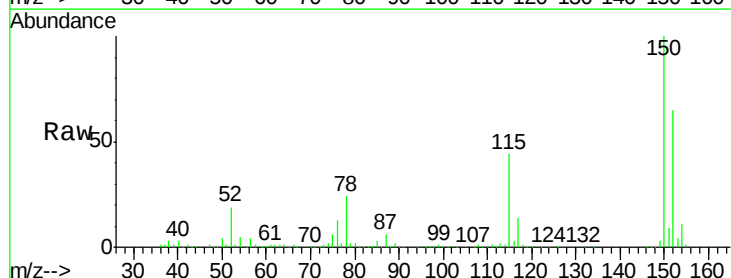
Ion Ratio Lower Upper

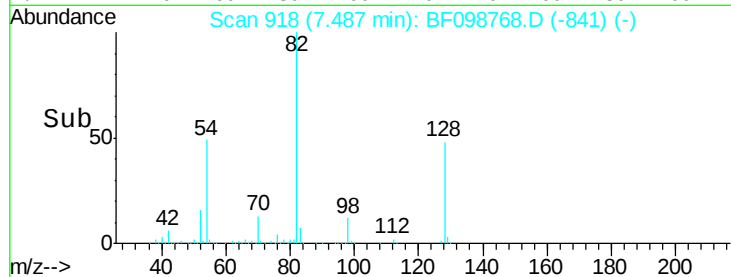
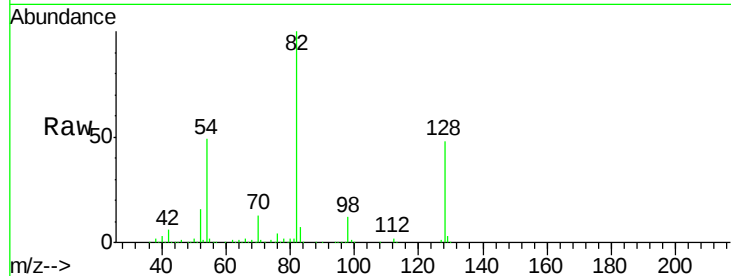
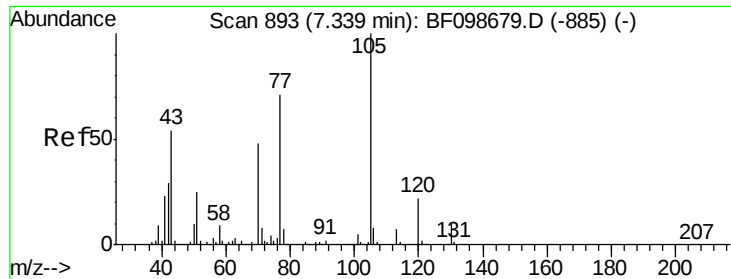
107 100

108 1574.1 91.7 137.5#

77 6087.8 33.8 50.8#

79 4463.1 33.8 50.8#

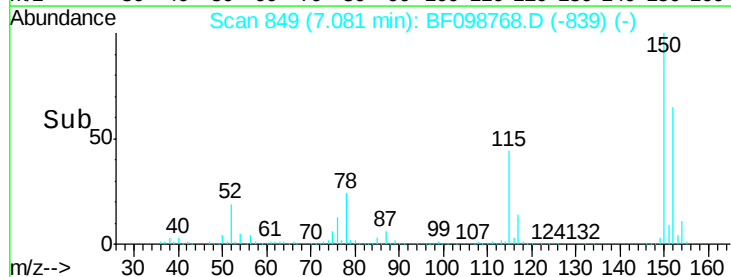
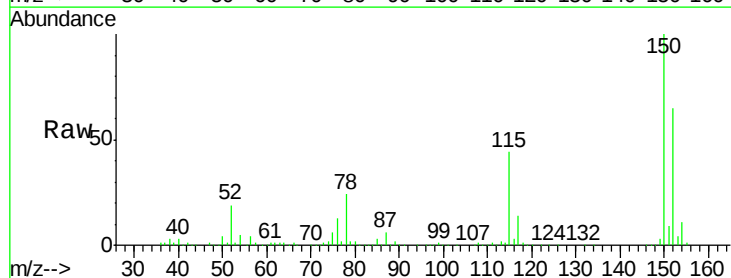
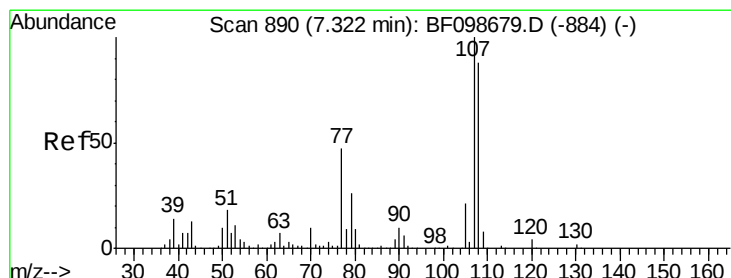
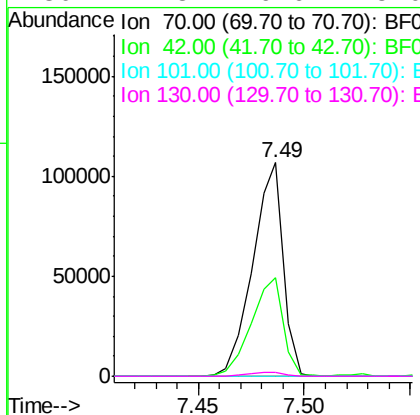




#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

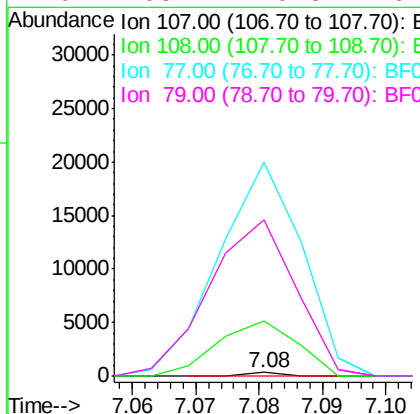
Instrument :
BNA_F
ClientSampleId :

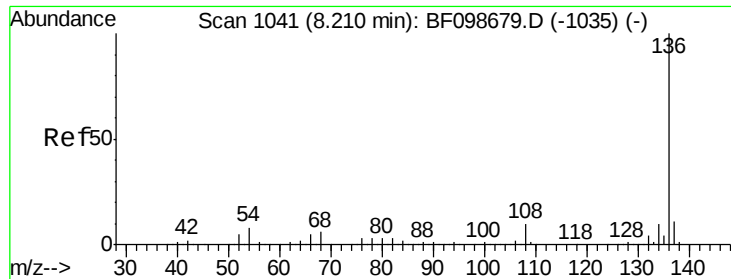
Tot Ion: 70 Resp: 106739
Ion Ratio Lower Upper
70 100
42 46.0 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.24 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Tgt Ion:107 Resp: 116
Ion Ratio Lower Upper
107 100
108 1574.1 68.2 108.2#
77 6087.8 26.7 66.7#
79 4463.1 6.3 46.3#

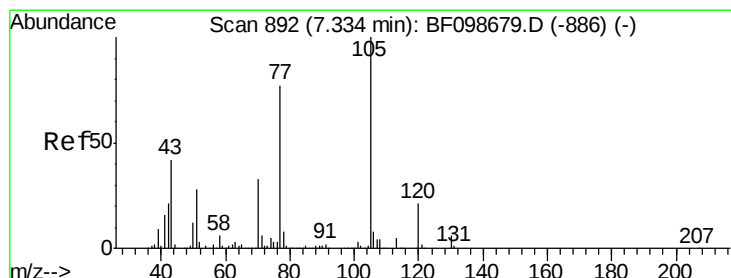
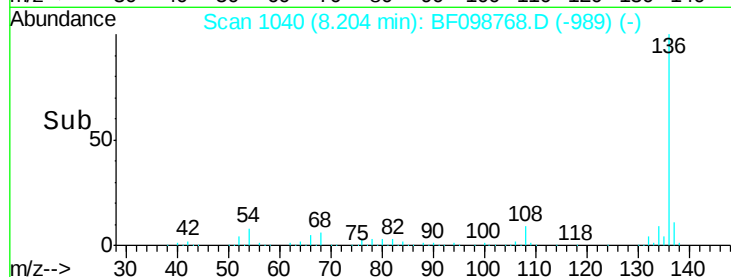
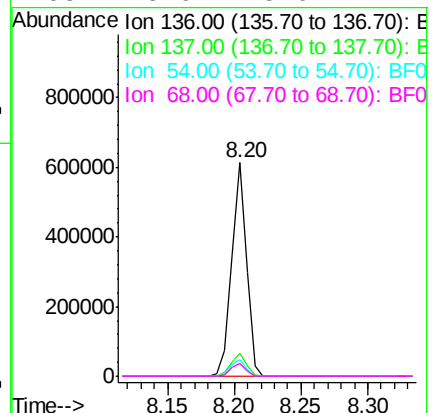
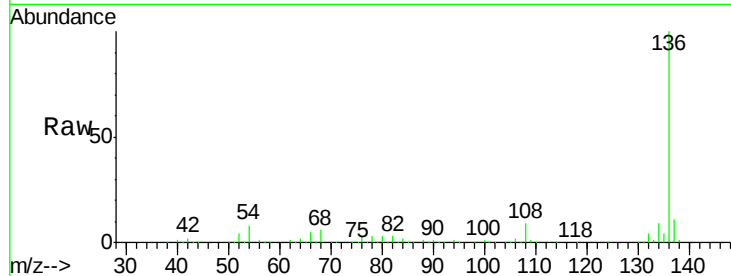




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

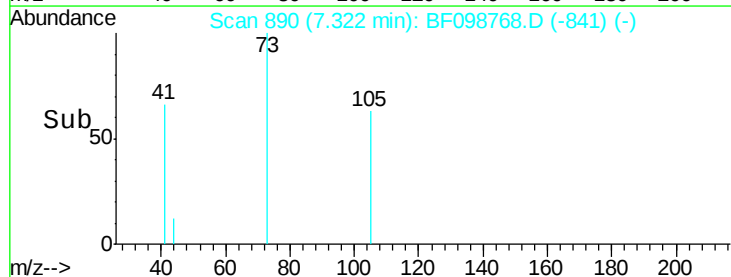
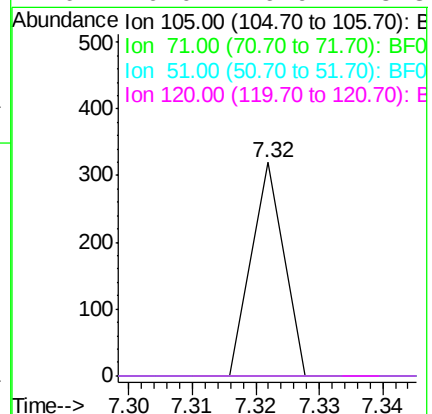
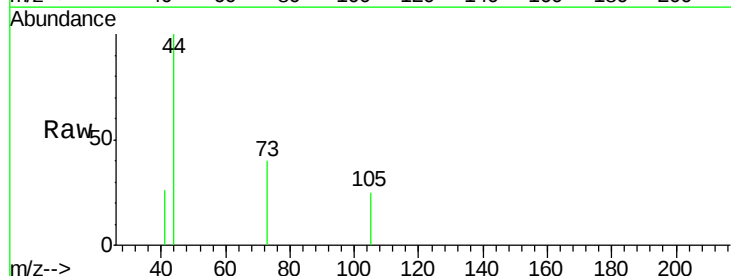
Instrument :
BNA_F
ClientSampleId :

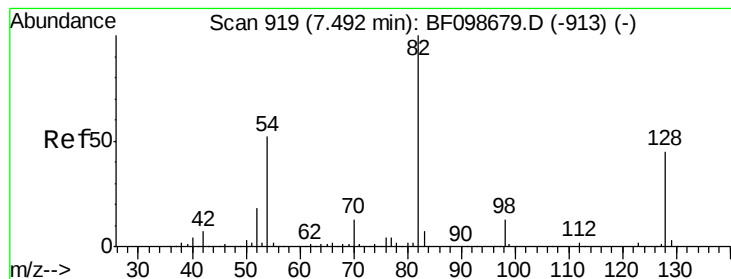
Tot Ion:136	Resp:	486585
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.0	6.6 9.8
68	5.9	5.0 7.4



#22
Acetophenone
Concen: 0.01 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Tgt Ion:105	Resp:	113
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#





#23

Nitrobenzene-d5

Concen: 107.43 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

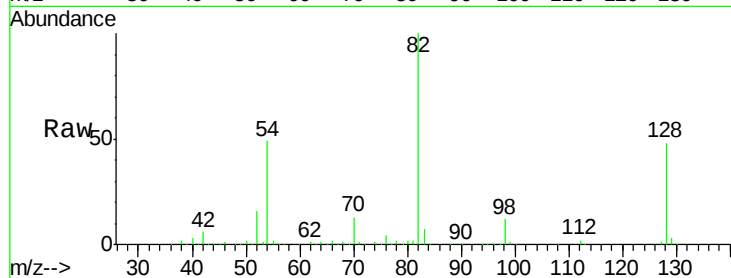
Tot Ion: 82 Resp: 815094

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

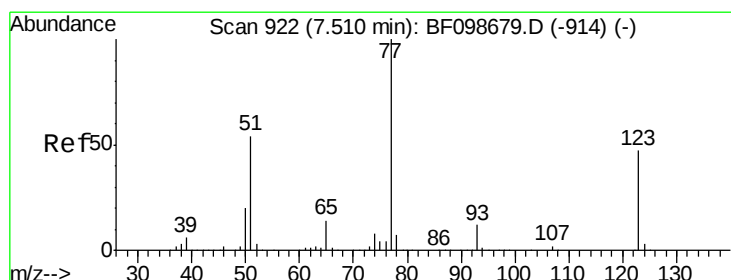
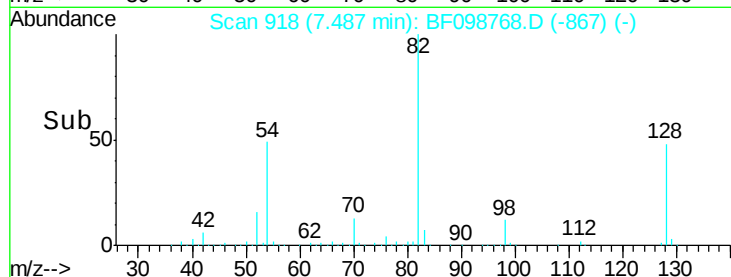
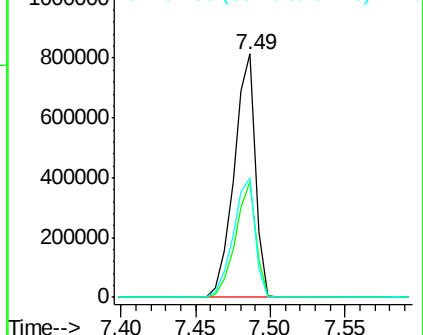
54 49.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.28 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

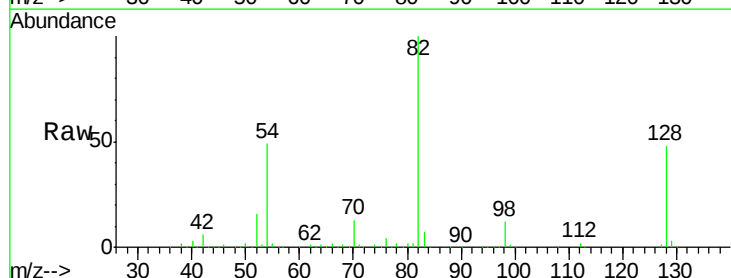
Tgt Ion: 77 Resp: 2380

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

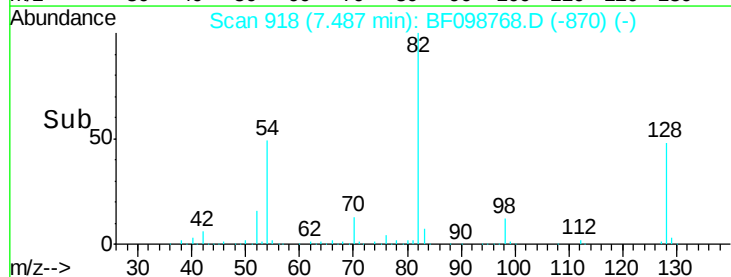
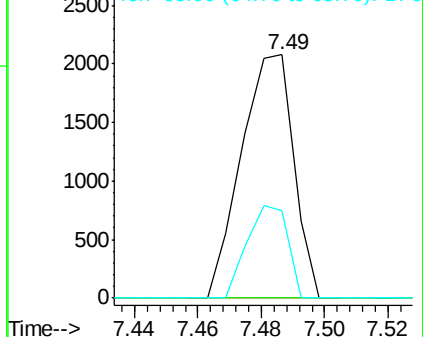
65 35.8 11.0 16.4#

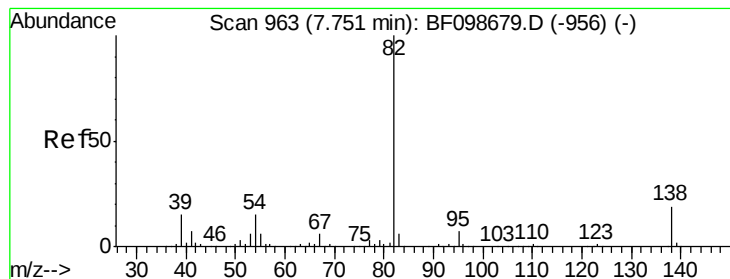


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.90 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

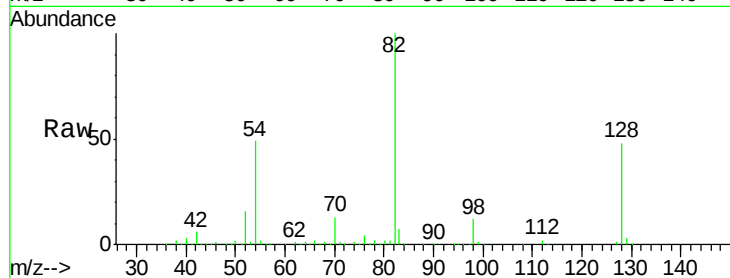
Tot Ion: 82 Resp: 814231

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

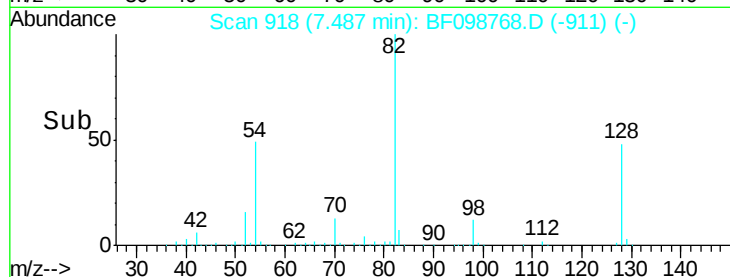


Abundance Ion 82.00 (81.70 to 82.70): BF098679.D (-956) (-)

Ion 95.00 (94.70 to 95.70): BF098679.D (-956) (-)

Ion 138.00 (137.70 to 138.70): BF098679.D (-956) (-)

Time-->



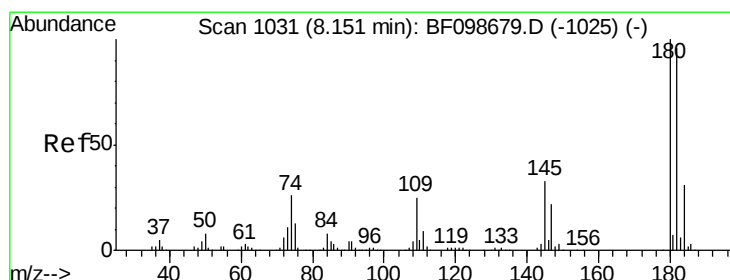
Abundance

Ion 82.00 (81.70 to 82.70): BF098768.D (-911) (-)

Ion 95.00 (94.70 to 95.70): BF098768.D (-911) (-)

Ion 138.00 (137.70 to 138.70): BF098768.D (-911) (-)

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 0.02 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

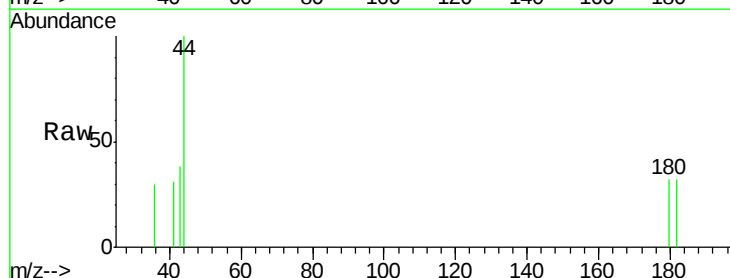
Tgt Ion: 180 Resp: 131

Ion Ratio Lower Upper

180 100

182 98.4 76.8 115.2

145 0.0 26.5 39.7#

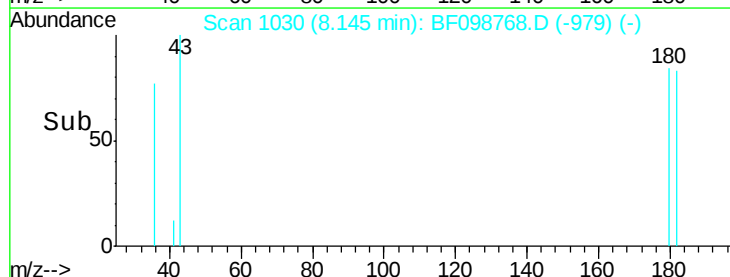


Abundance Ion 180.00 (179.70 to 180.70): BF098679.D (-1025) (-)

Ion 182.00 (181.70 to 182.70): BF098679.D (-1025) (-)

Ion 145.00 (144.70 to 145.70): BF098679.D (-1025) (-)

Time-->



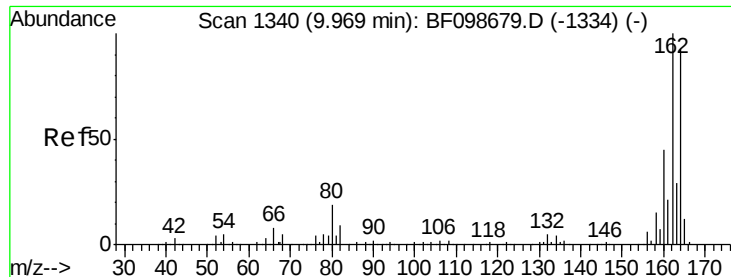
Abundance

Ion 180.00 (179.70 to 180.70): BF098768.D (-979) (-)

Ion 182.00 (181.70 to 182.70): BF098768.D (-979) (-)

Ion 145.00 (144.70 to 145.70): BF098768.D (-979) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampled :

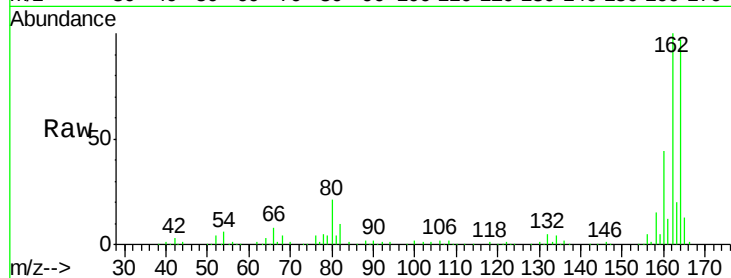
Tot Ion:164 Resp: 175014

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

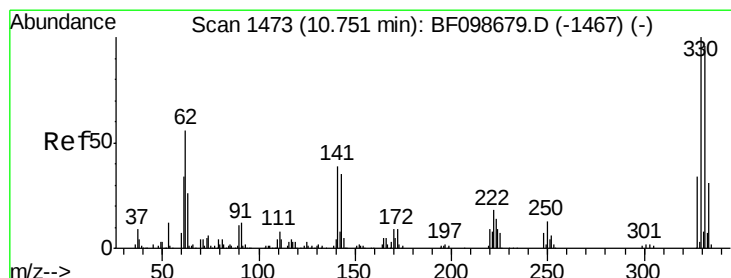
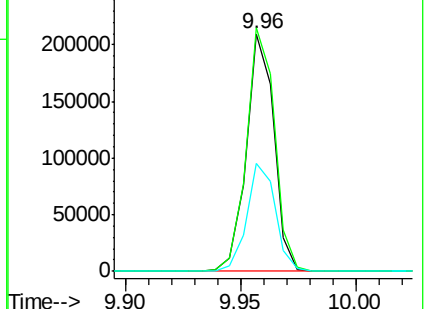
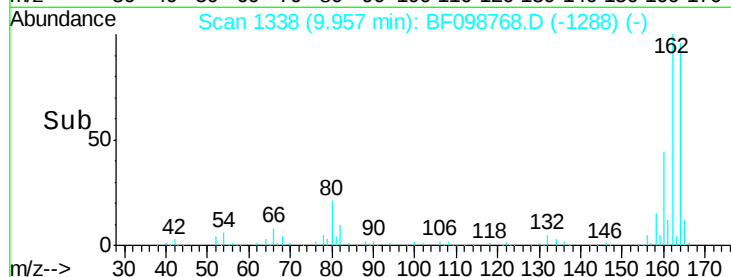
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 87.09 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

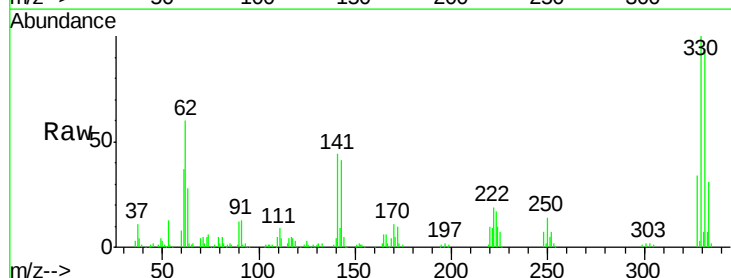
Tgt Ion:330 Resp: 124715

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

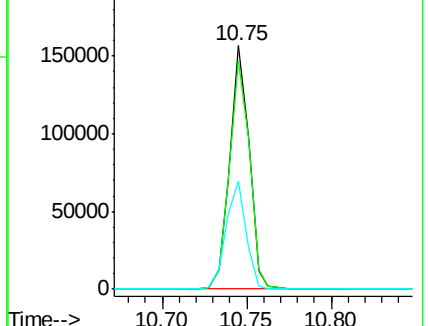
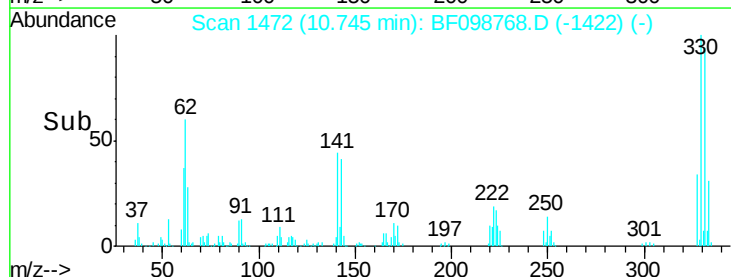
141 45.8 29.9 44.9#

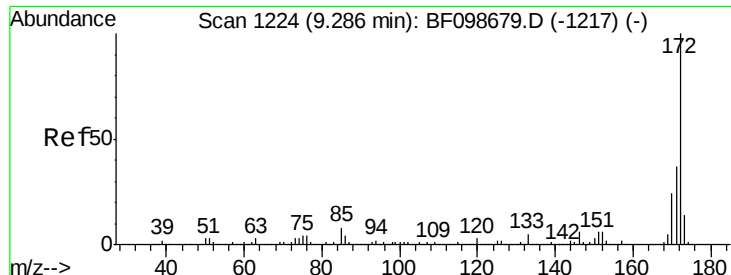


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



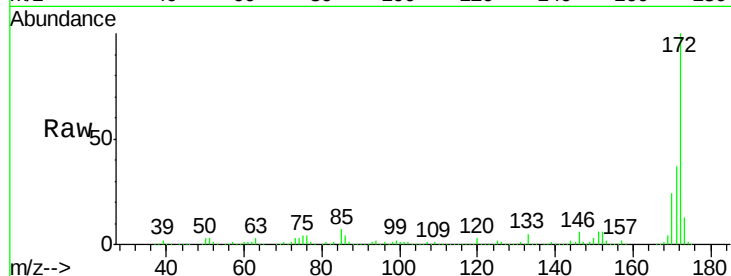


#44
 2-Fluorobiphenyl
 Concen: 121.88 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

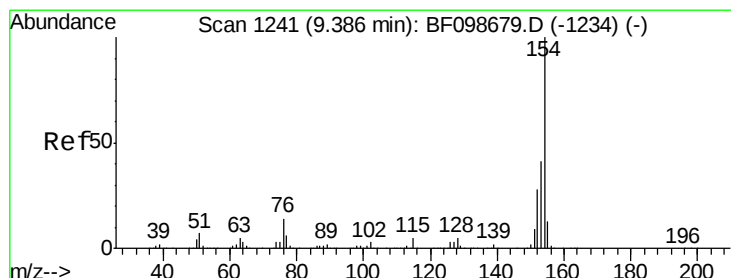
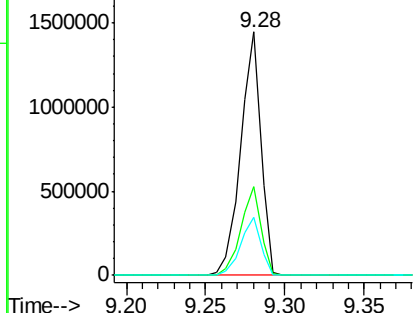
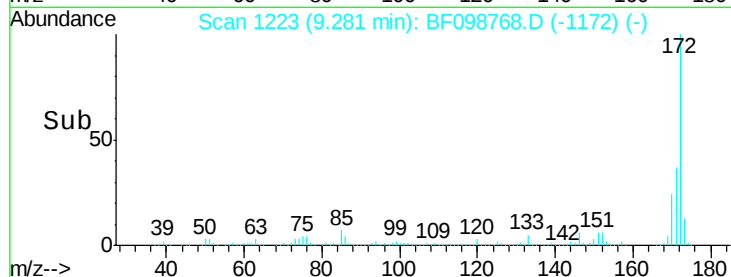
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1277697

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4



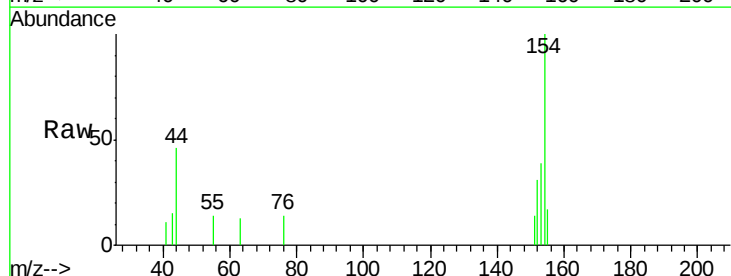
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



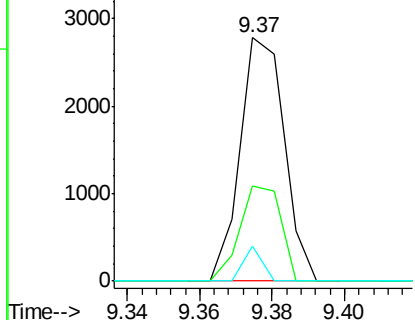
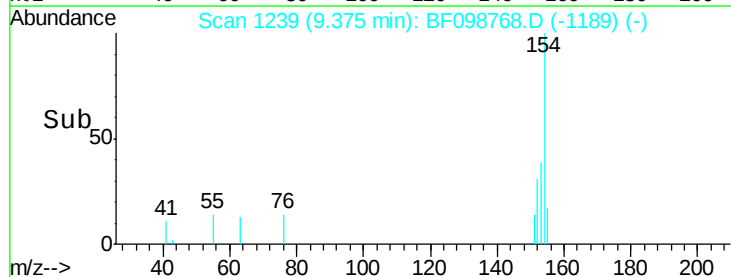
#45
 1,1'-Biphenyl
 Concen: 0.16 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

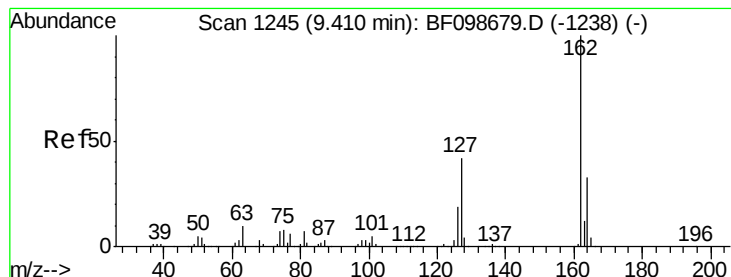
Tgt Ion:154 Resp: 2350

Ion	Ratio	Lower	Upper
154	100		
153	38.9	21.3	61.3
76	14.4	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: 0.02 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.26 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

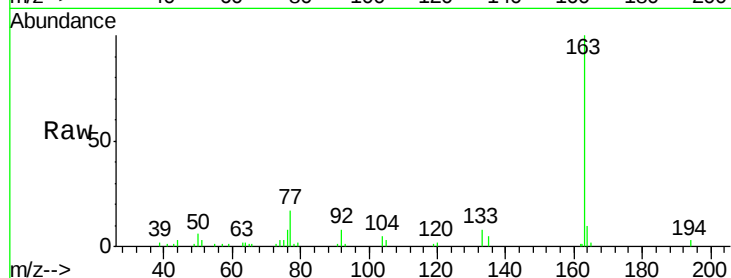
Tot Ion:162 Resp: 254

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

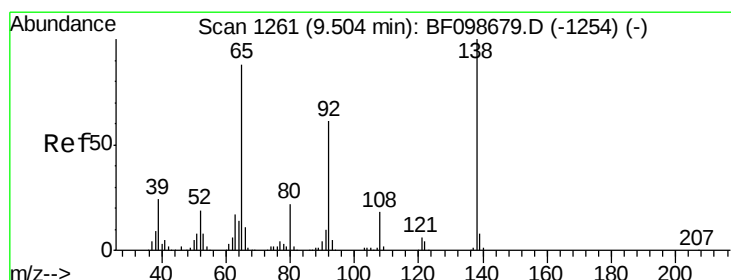
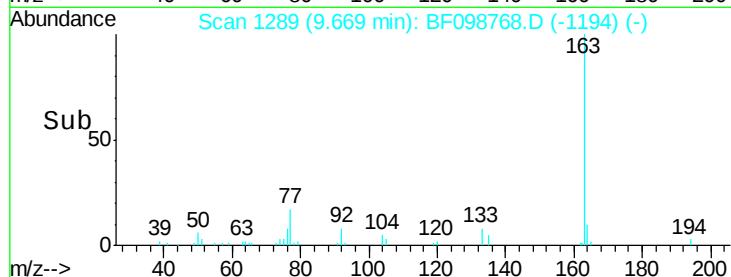
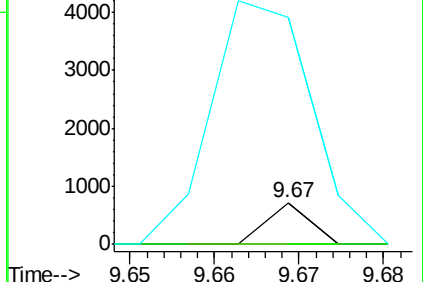
164 542.2 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 0.10 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.16 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

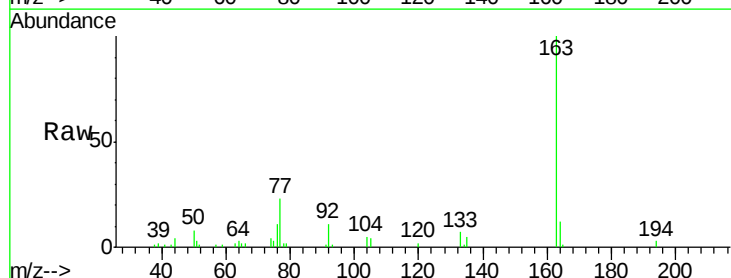
Tgt Ion: 65 Resp: 359

Ion Ratio Lower Upper

65 100

92 698.7 55.8 83.6#

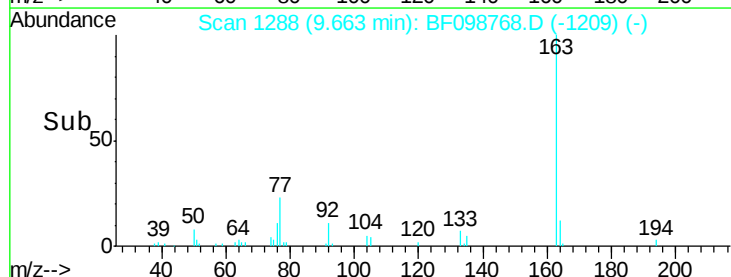
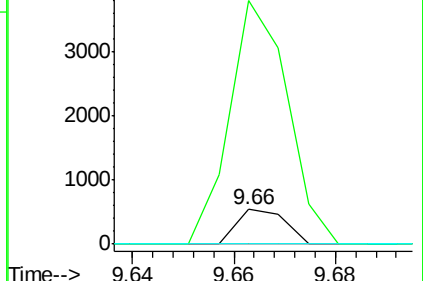
138 0.0 91.2 136.8#

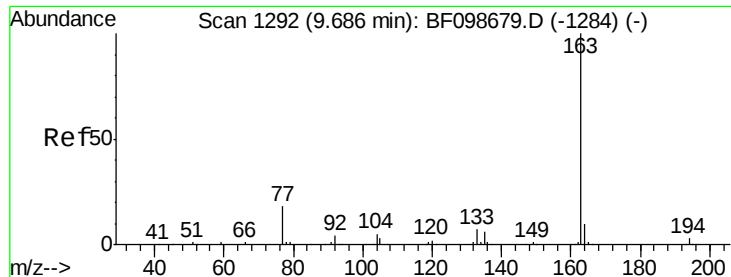


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

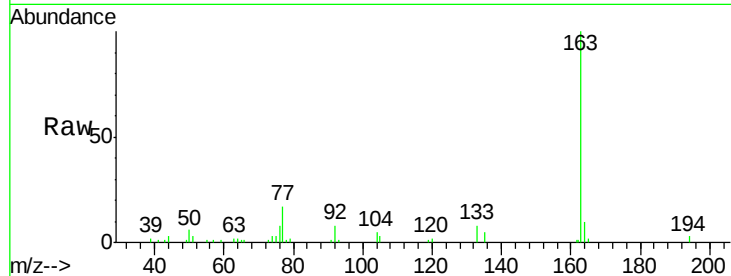




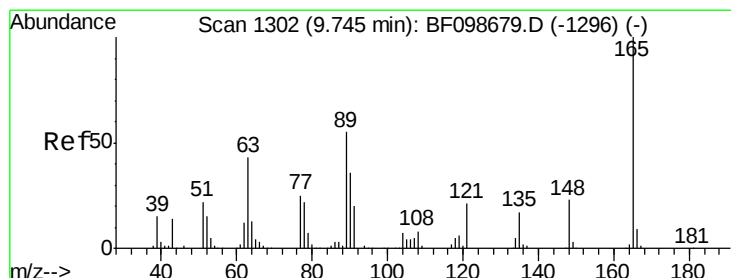
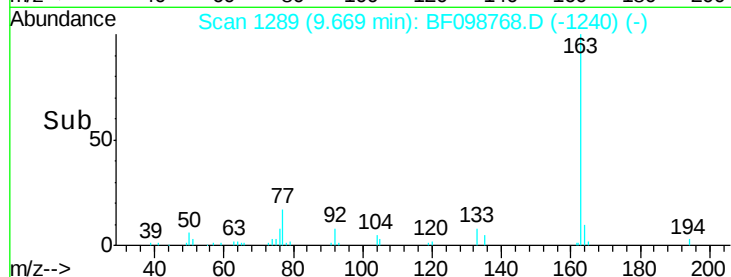
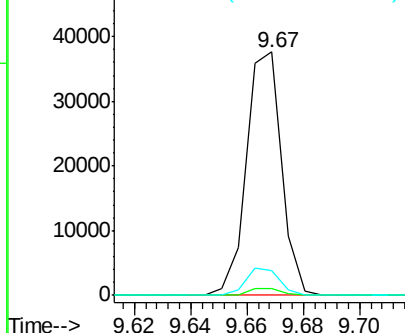
#49
 Dimethylphthalate
 Concen: 2.45 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.4	8.2	12.2

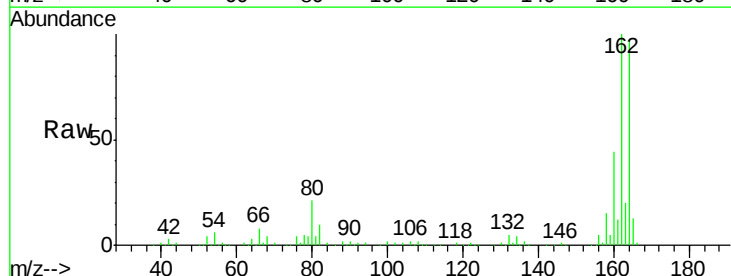


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

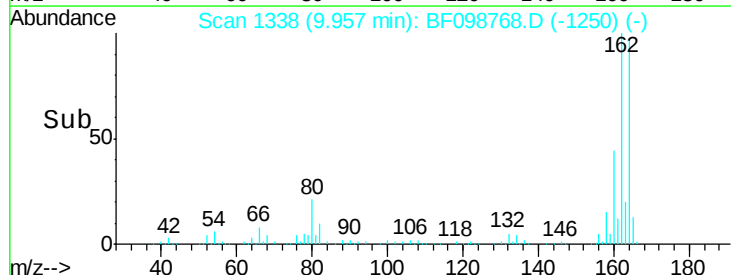
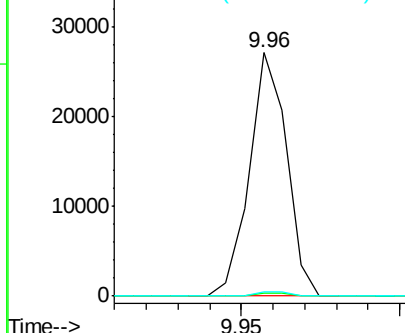


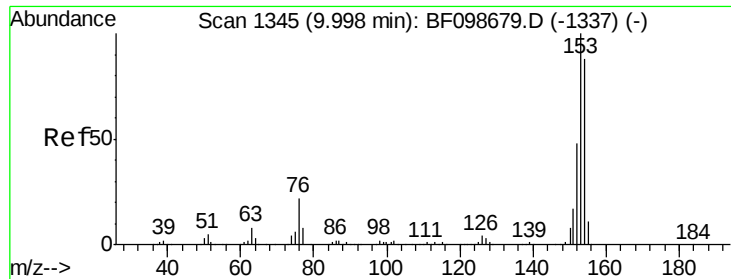
#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.22 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	2.0	44.0	66.0#



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





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampled :

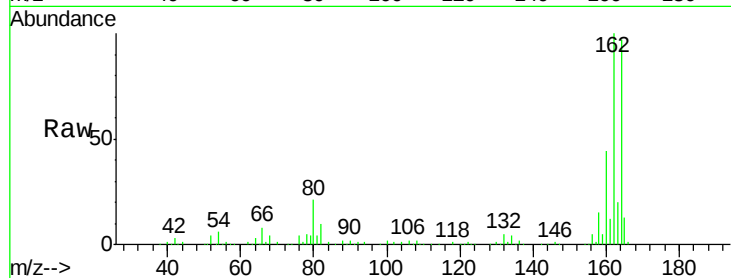
Tot Ion:154 Resp: 523

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

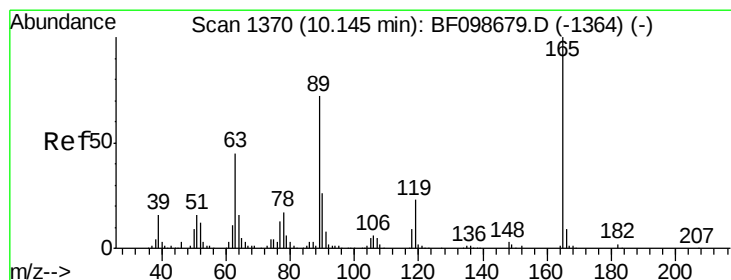
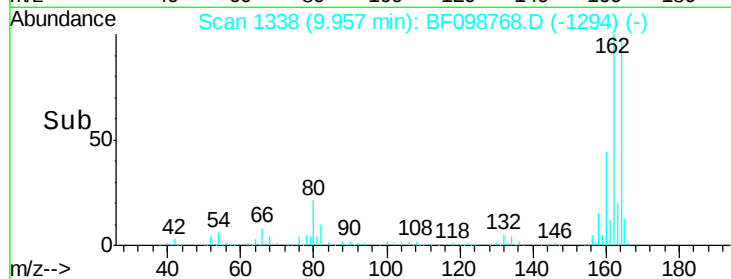
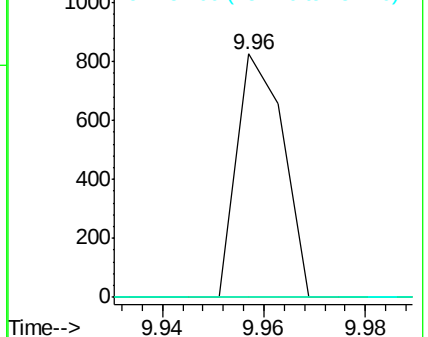
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.19 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Tgt Ion:165 Resp: 22146

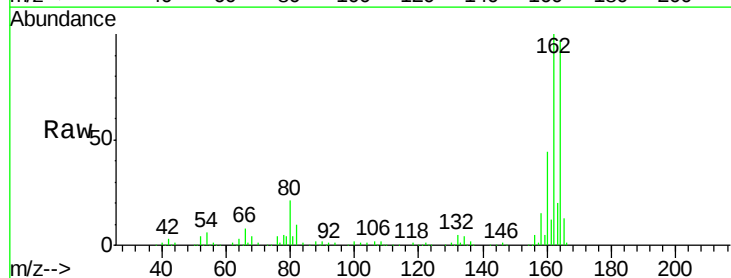
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

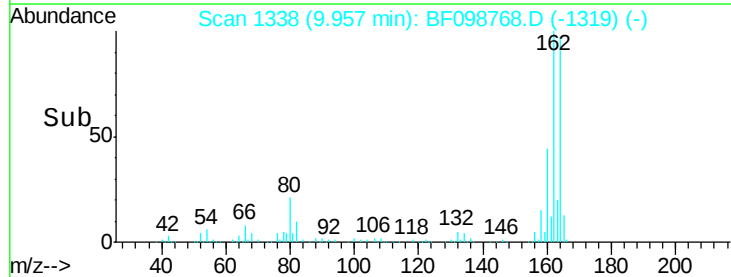
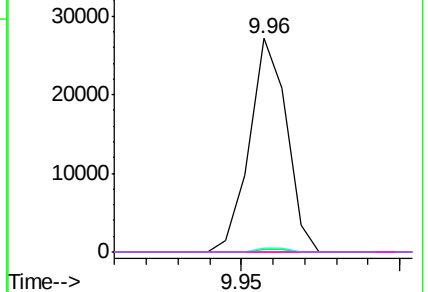


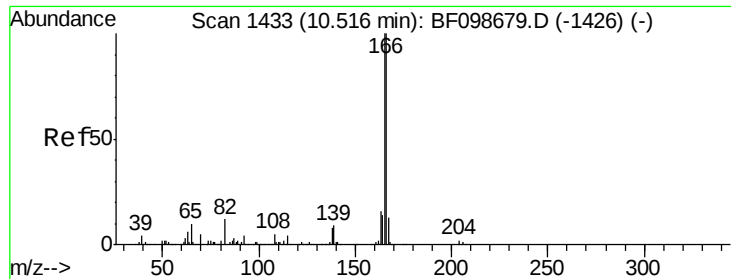
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.63 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.24 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

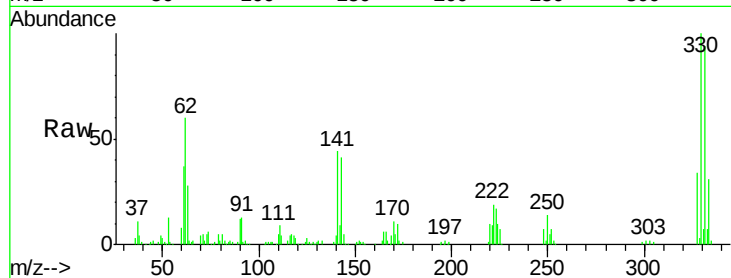
Tot Ion:166 Resp: 7361

Ion Ratio Lower Upper

166 100

165 103.0 79.8 119.8

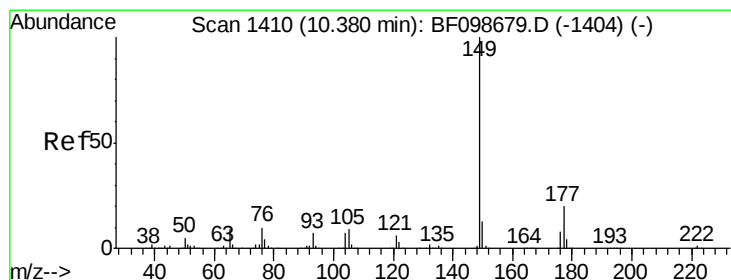
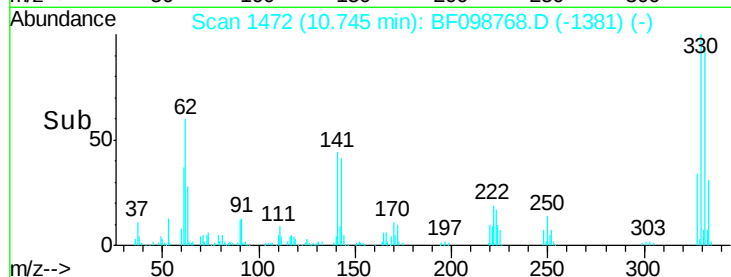
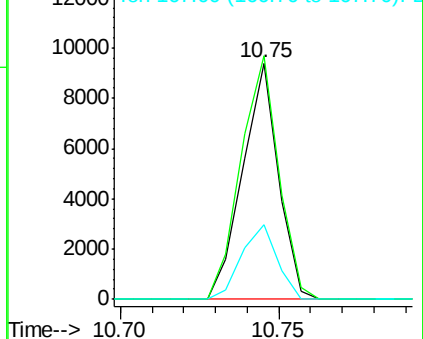
167 36.5 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.12 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

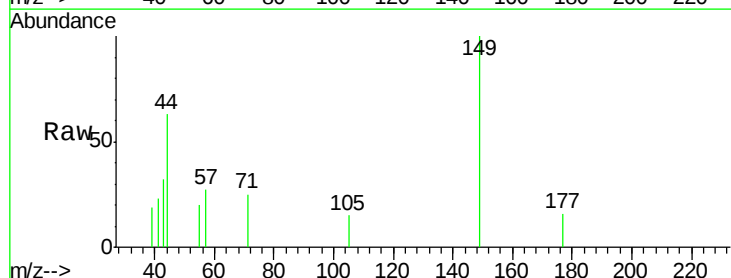
Tgt Ion:149 Resp: 1514

Ion Ratio Lower Upper

149 100

177 16.0 16.1 24.1#

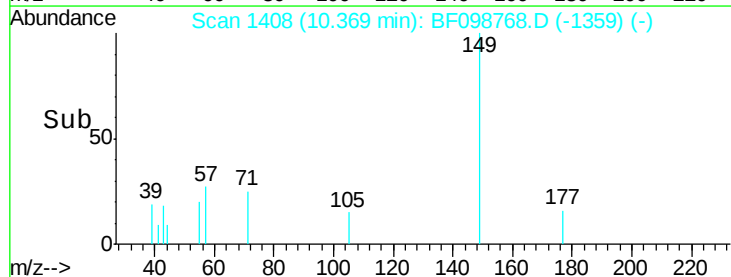
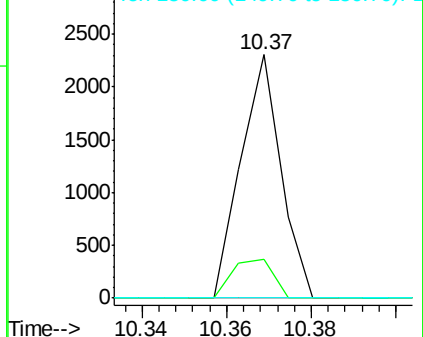
150 0.0 10.1 15.1#

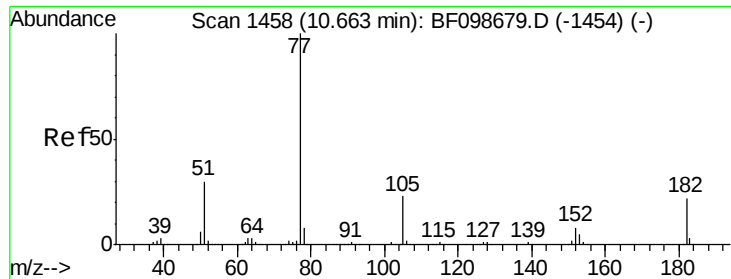


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.01 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

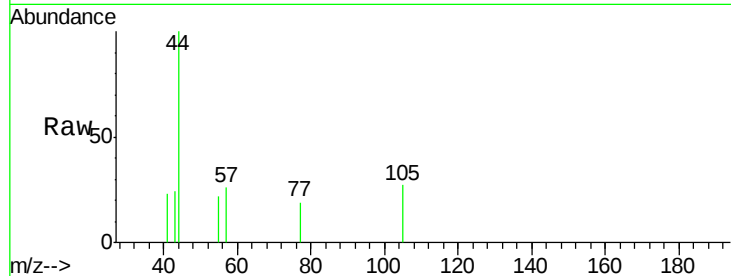
Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 77 Resp: 107

Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 145.9 3.0 43.0#

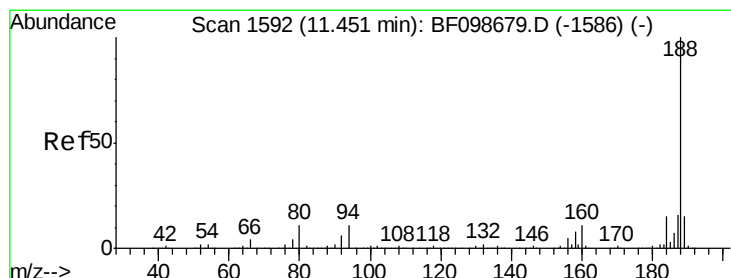
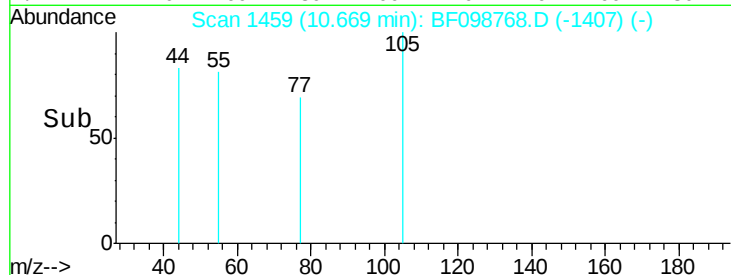
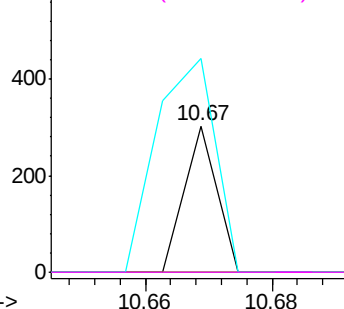
51 0.0 9.9 49.9#

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Tgt Ion: 188 Resp: 273474

Ion Ratio Lower Upper

188 100

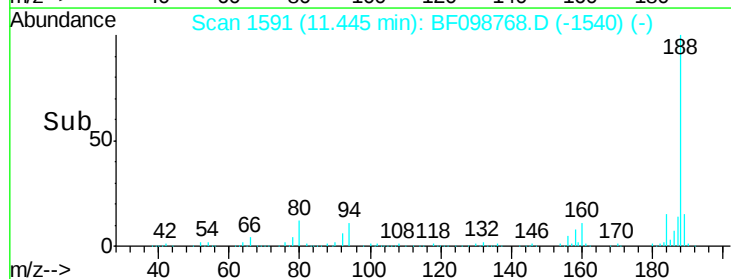
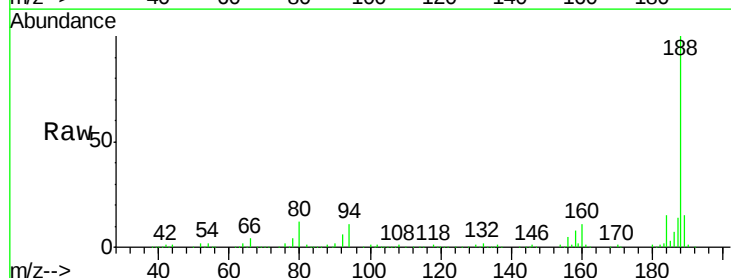
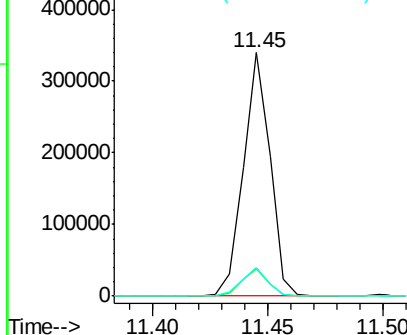
94 11.1 8.5 12.7

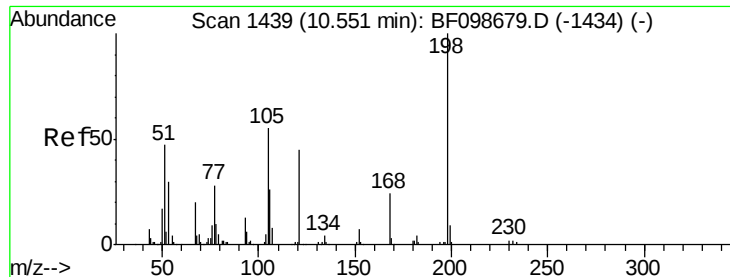
80 11.6 9.2 13.8

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

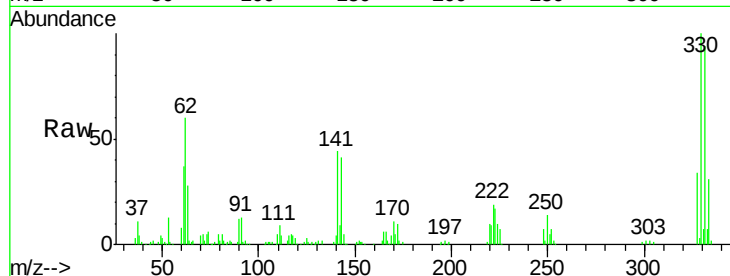




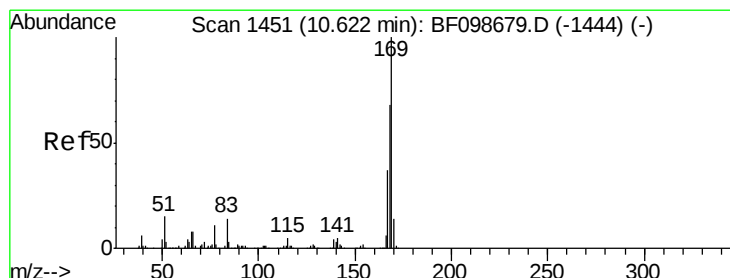
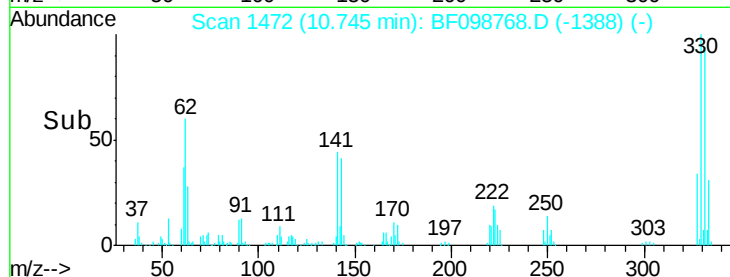
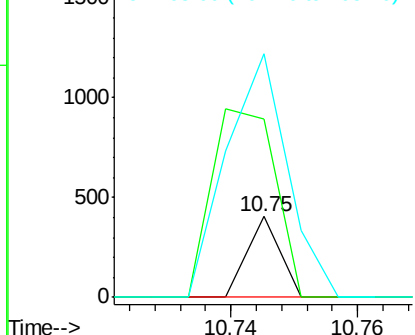
#64
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.19 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
51 221.8 37.7 77.7#
105 302.0 36.3 76.3#

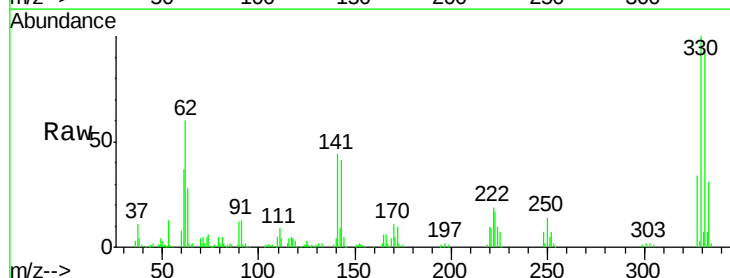


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

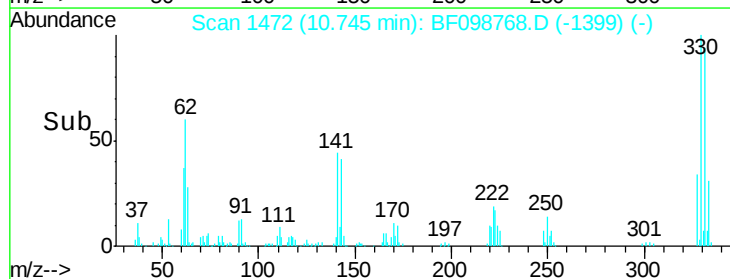
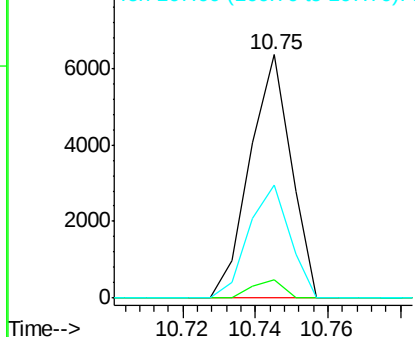


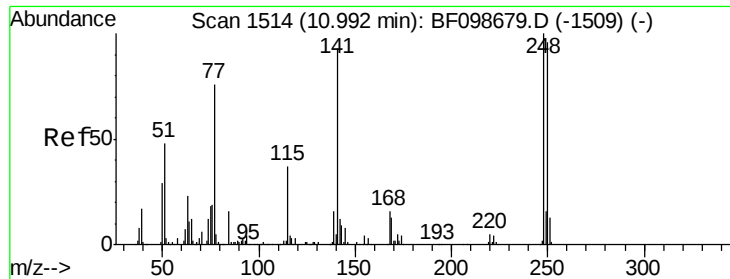
#65
n-Nitrosodiphenylamine
Concen: 0.53 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Tgt Ion:169 Resp: 5004
Ion Ratio Lower Upper
169 100
168 7.5 54.4 81.6#
167 54.1 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

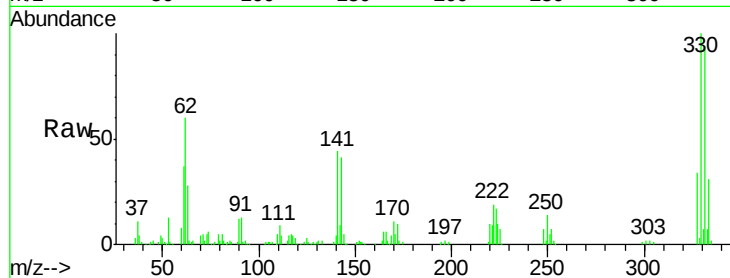




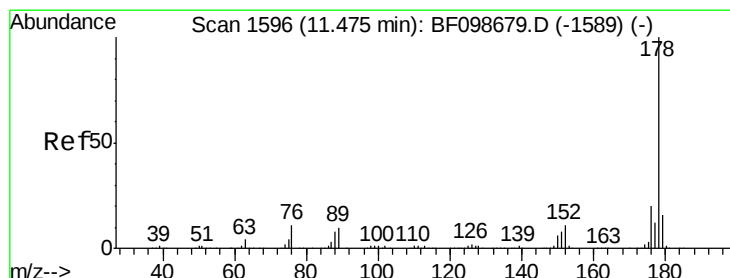
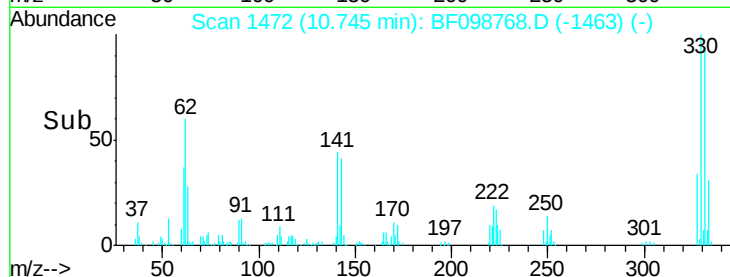
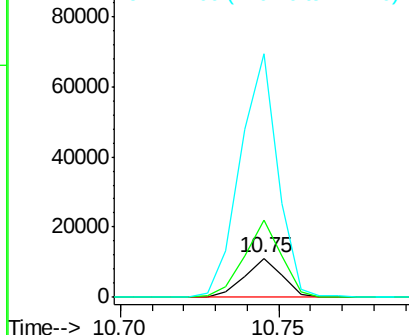
#66
 4-Bromophenyl-phenylether
 Concen: 3.40 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.25 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9088
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 624.8 74.4 111.6#

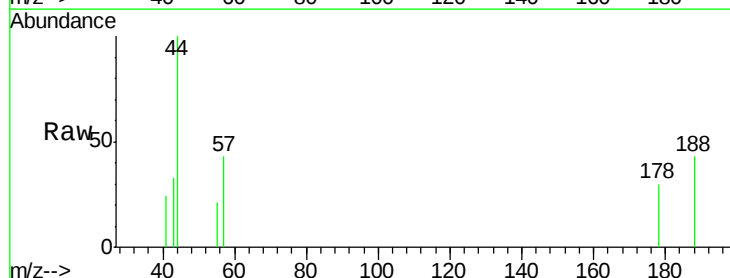


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

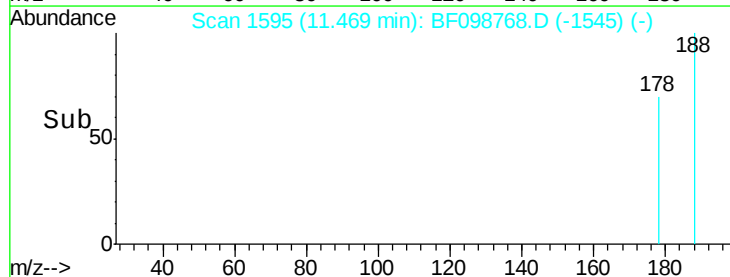
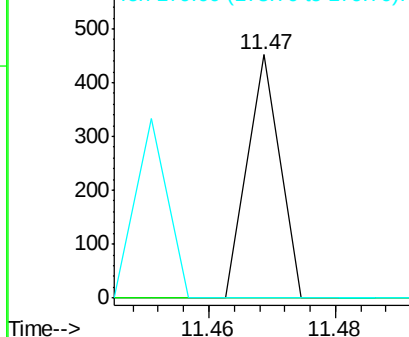


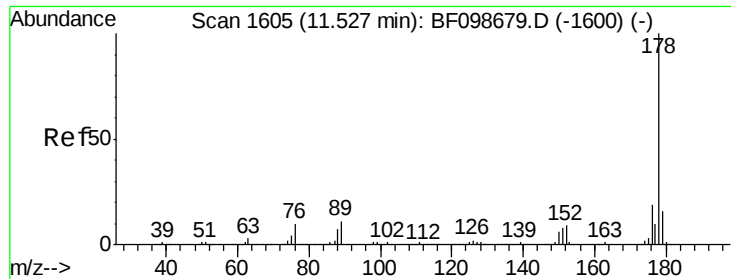
#70
 Phenanthrene
 Concen: 0.01 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion:178 Resp: 160
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 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

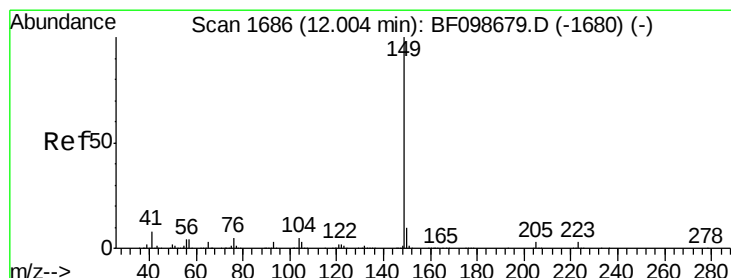
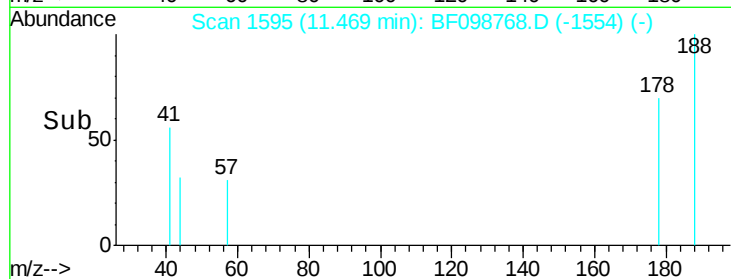
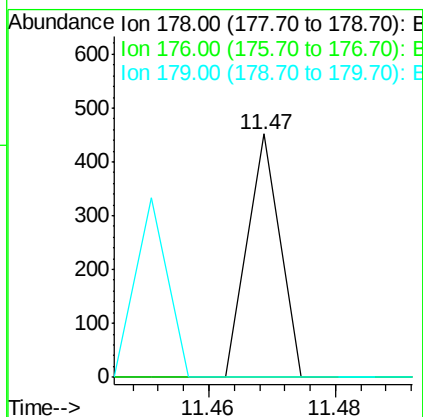
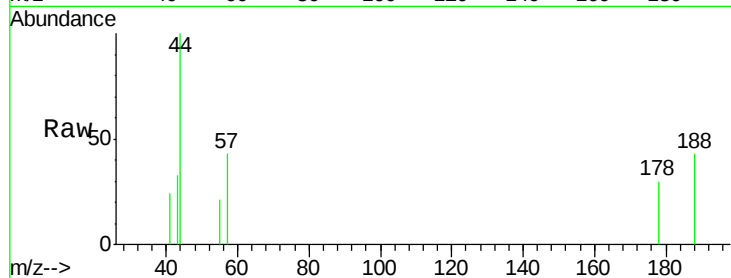




#71
 Anthracene
 Concen: 0.01 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

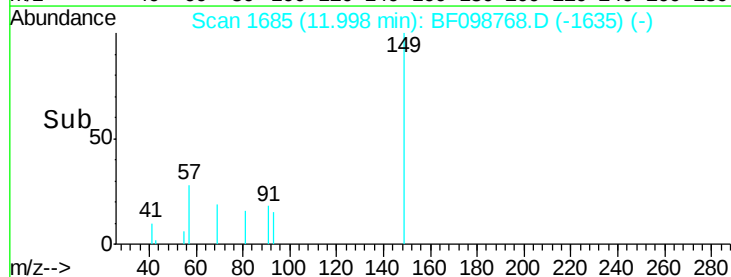
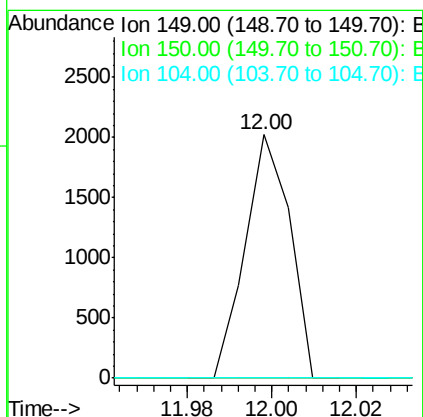
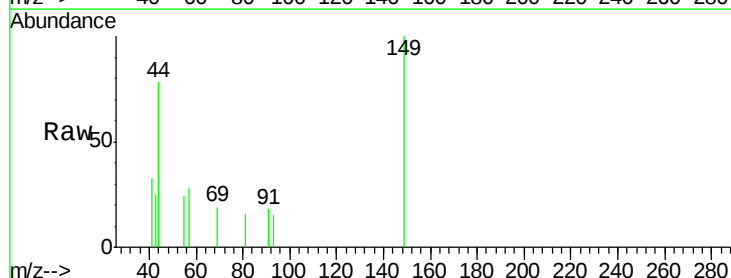
Instrument :
 BNA_F
 ClientSampleId :

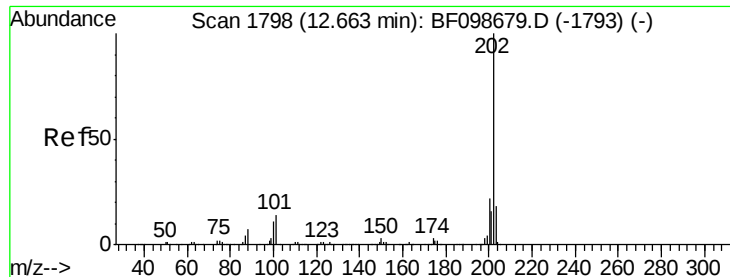
Tot Ion:178 Resp: 160
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#73
 Di-n-butylphthalate
 Concen: 0.08 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion:149 Resp: 1485
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#





#74

Fluoranthene

Concen: 0.01 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampled :

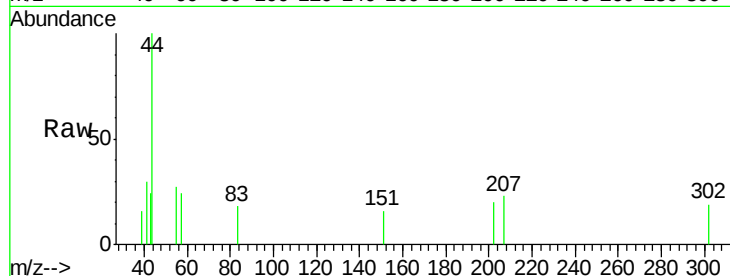
Tot Ion:202 Resp: 142

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

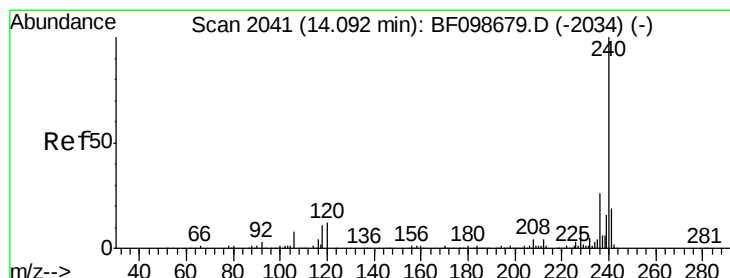
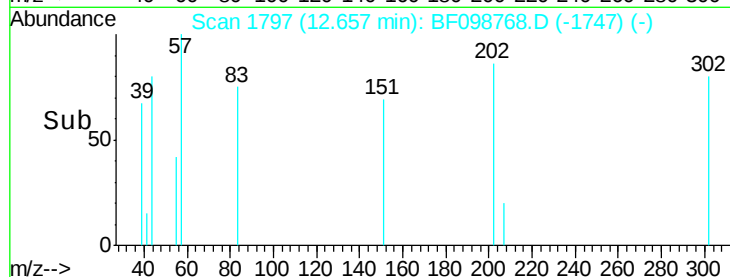
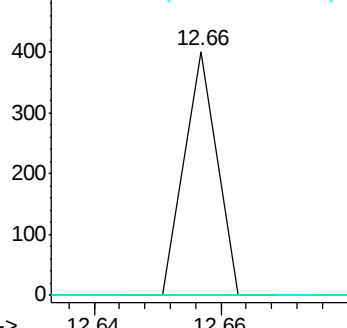
203 0.0 0.0 38.1



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: BF098768.D

Acq: 24 Sep 2017 5:58

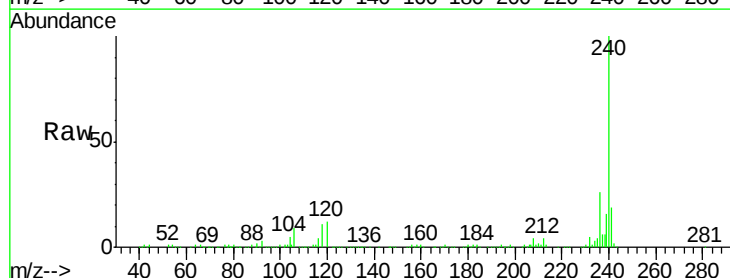
Tgt Ion:240 Resp: 266794

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

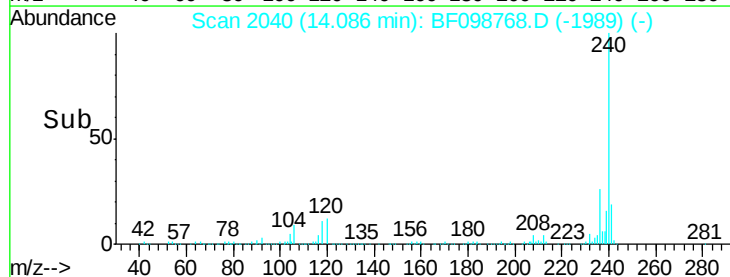
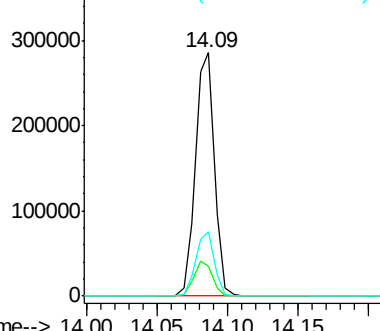
236 26.2 20.7 31.1

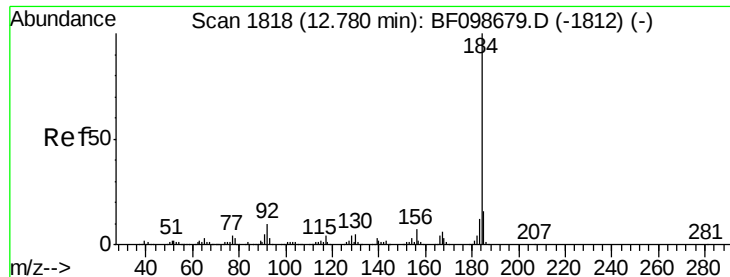


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.40 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.25 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

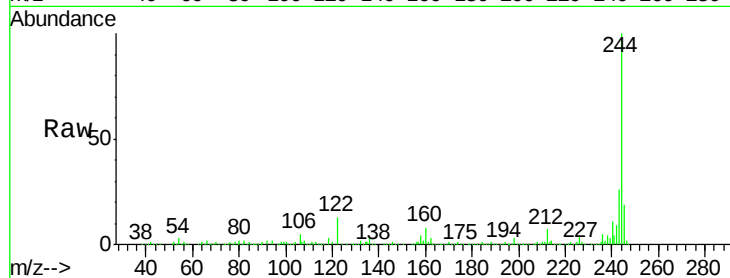
Tot Ion:184 Resp: 13825

Ion Ratio Lower Upper

184 100

185 19.3 12.6 18.8#

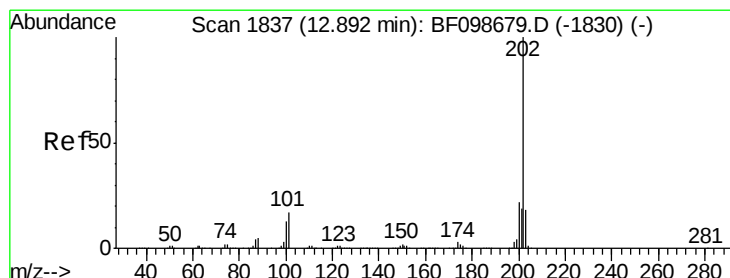
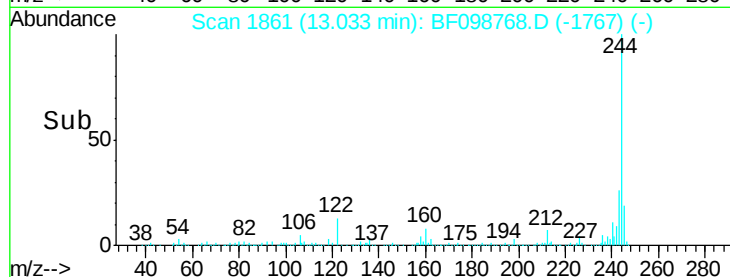
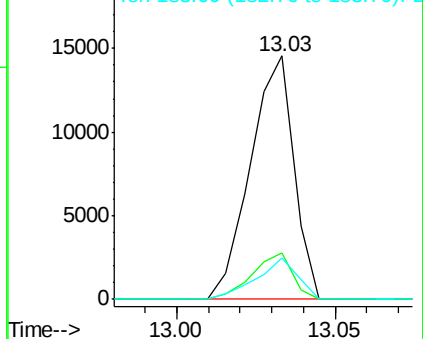
183 16.8 9.3 13.9#



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: 0.15 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.14 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

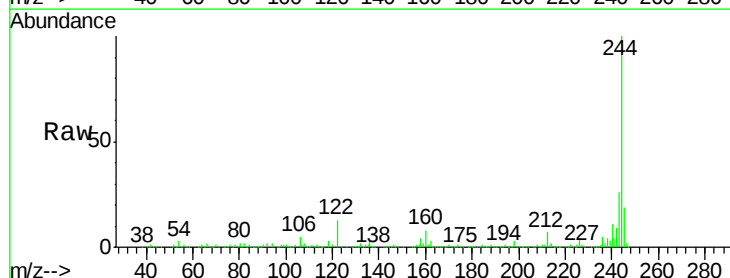
Tgt Ion:202 Resp: 3149

Ion Ratio Lower Upper

202 100

200 63.5 17.4 26.2#

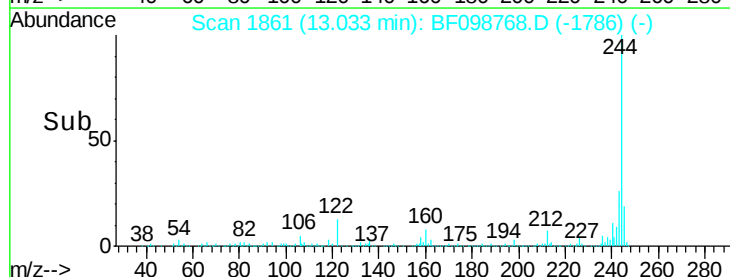
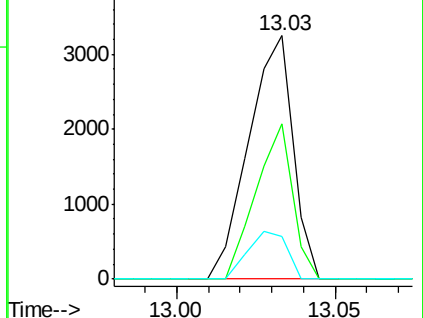
203 17.3 14.3 21.5

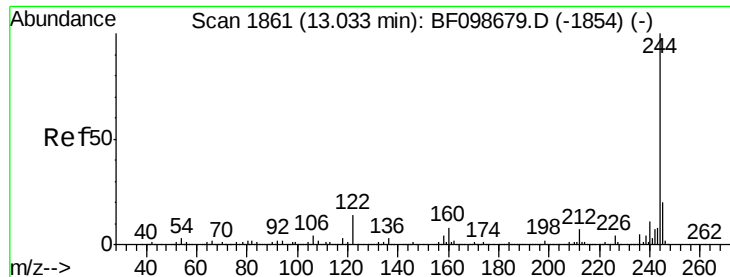


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.04 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

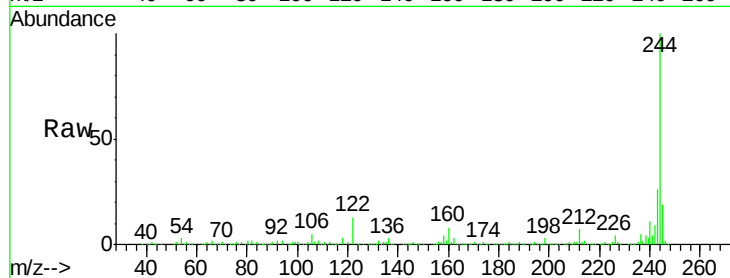
Tot Ion:244 Resp: 927221

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

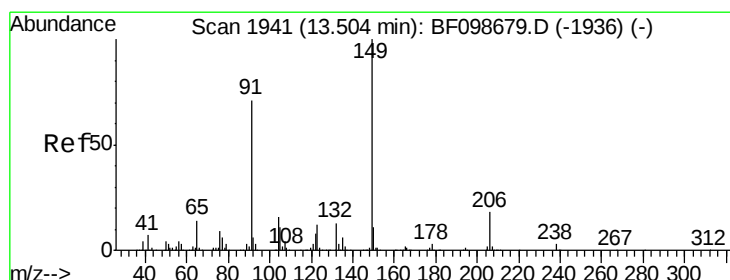
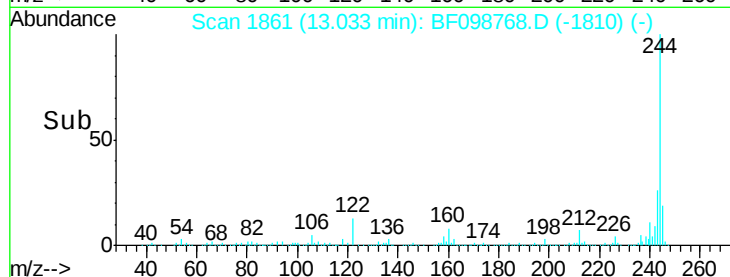
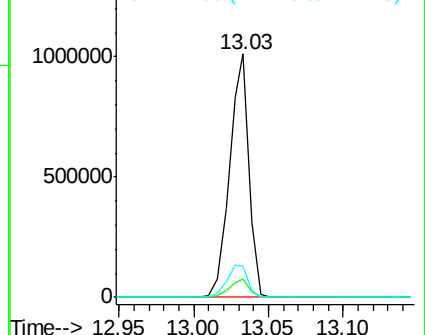
122 13.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.01 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

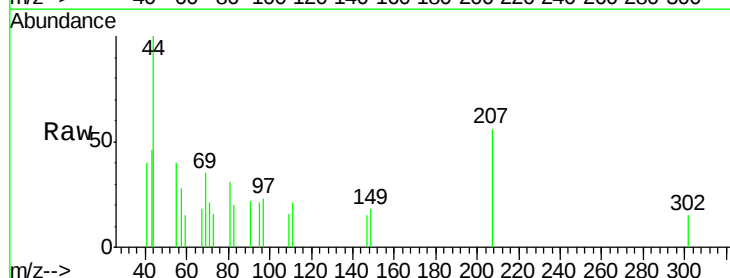
Tgt Ion:149 Resp: 134

Ion Ratio Lower Upper

149 100

91 123.0 56.8 85.2#

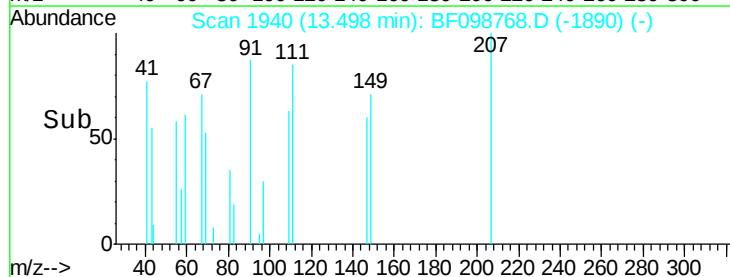
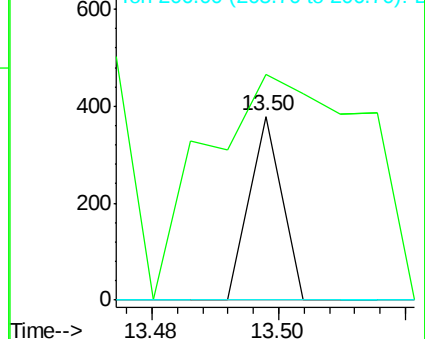
206 0.0 14.1 21.1#

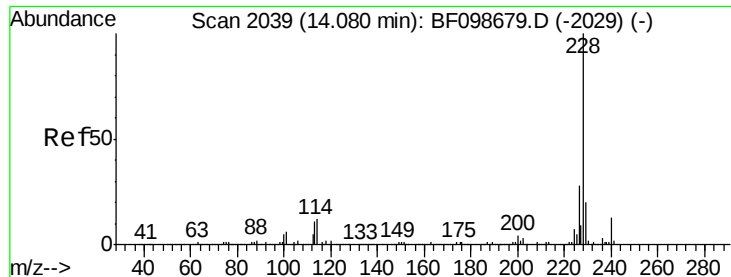


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.05 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampled :

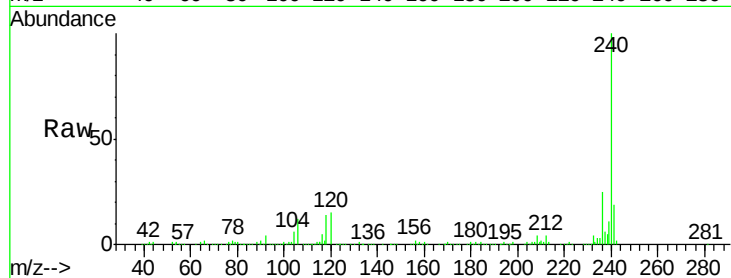
Tot Ion:228 Resp: 809

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

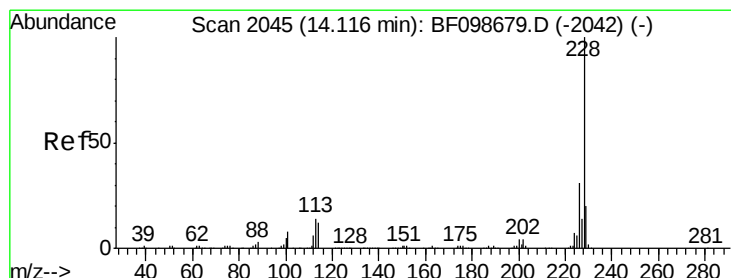
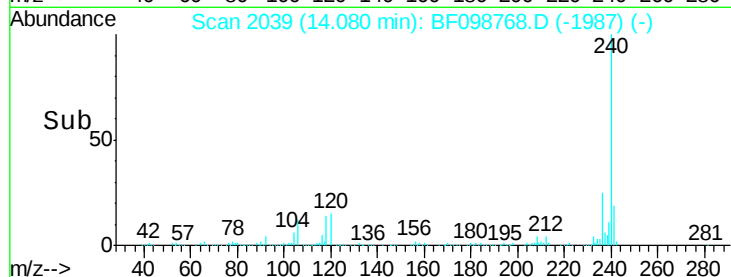
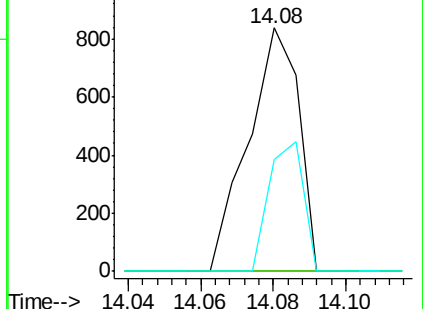
229 45.8 15.8 23.6#



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



#82

Chrysene

Concen: 0.05 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

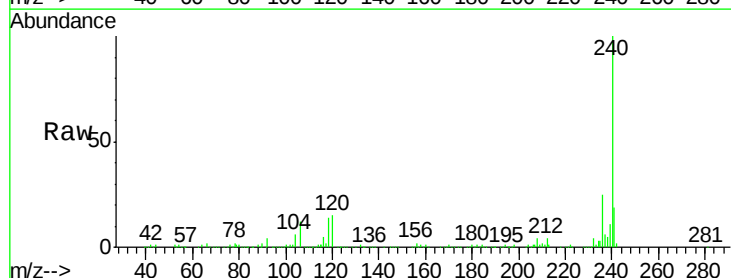
Tgt Ion:228 Resp: 809

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

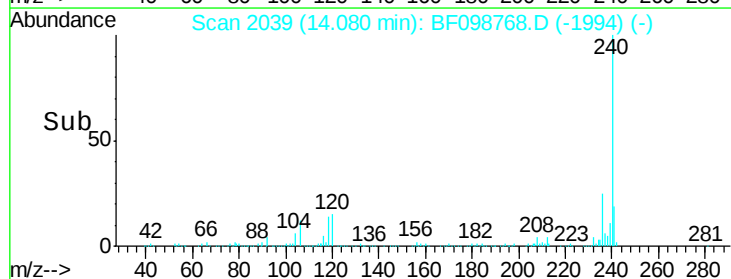
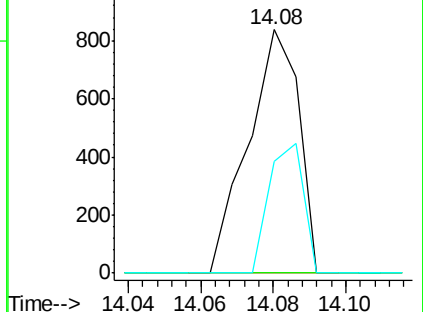
229 45.8 16.2 24.4#

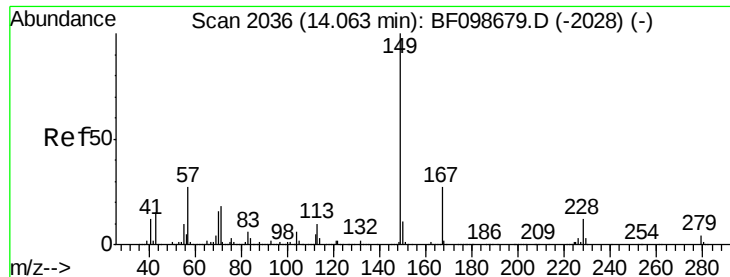


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF098768.D

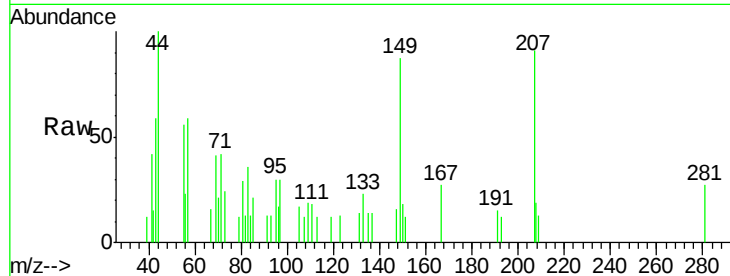
Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

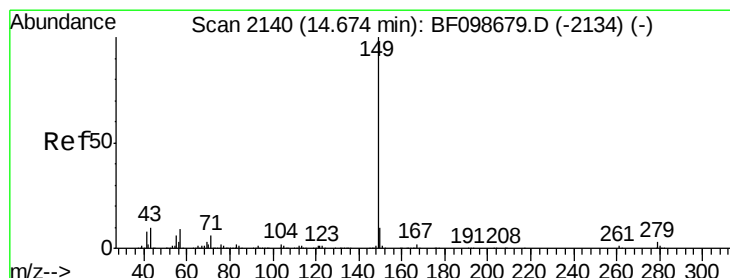
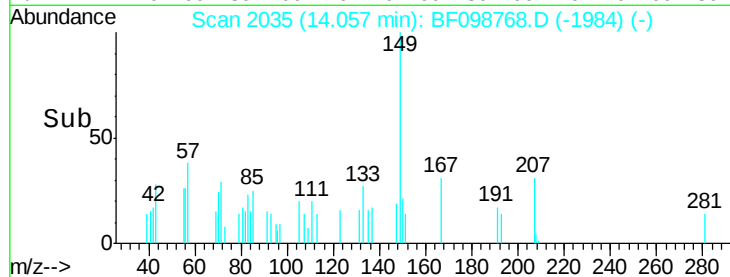
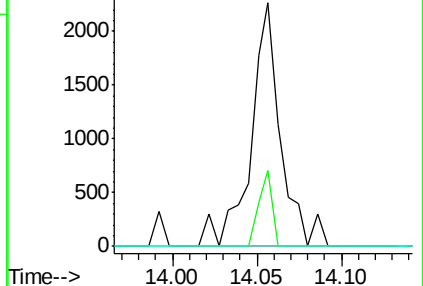
Tot Ion:	149	Resp:	2804
Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.3	31.9
279	0.0	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.03 ng

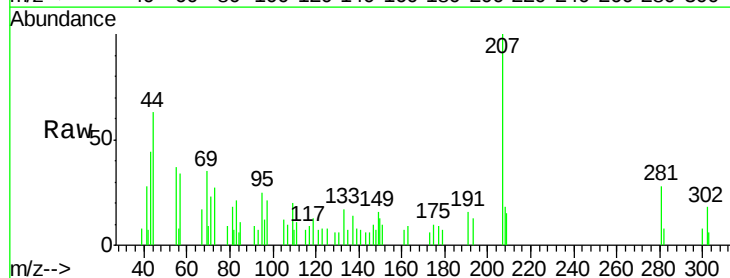
RT: 14.67 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

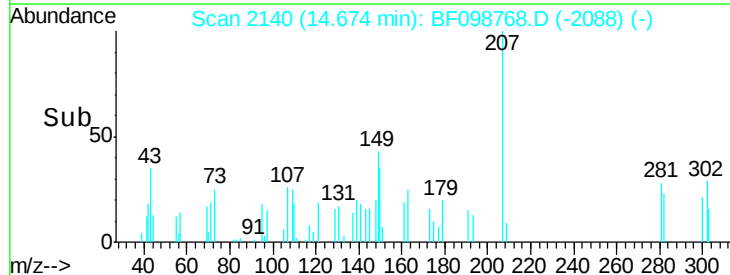
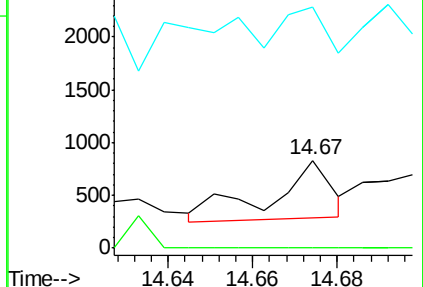
Tgt Ion:	149	Resp:	557
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#

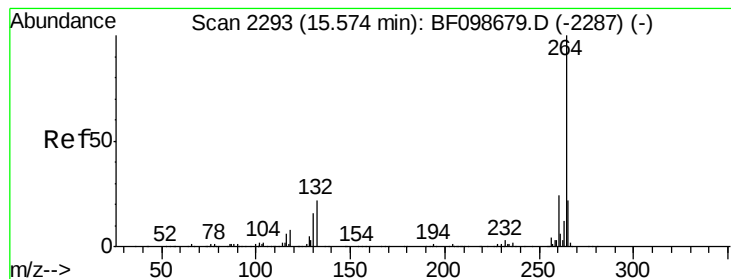


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

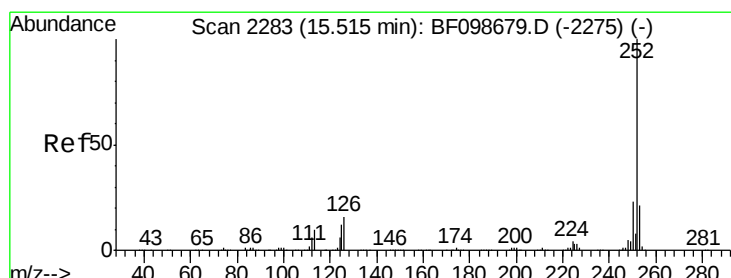
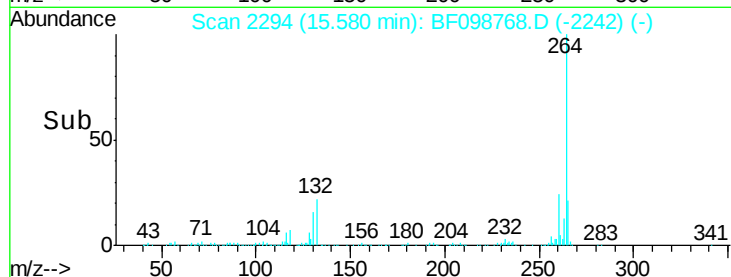
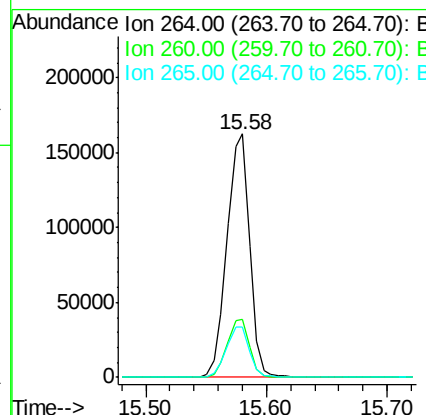
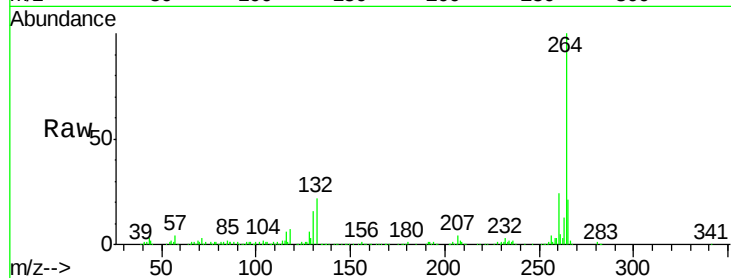




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 211423
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 20.7 17.5 26.3



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.05 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Tgt Ion:252 Resp: 773
Ion Ratio Lower Upper
252 100
253 72.7 17.1 25.7#
125 100.5 9.8 14.6#

