

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098746.D
 Acq On : 23 Sep 2017 18:35
 Operator : SJ/JU
 Sample : I5340-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:53:02 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	177371	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	710355	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	288186	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	422367	20.00	ng	0.00
75) Chrysene-d12	14.08	240	272296	20.00	ng	0.00
86) Perylene-d12	15.57	264	266052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1305104	117.13	ng	0.01
7) Phenol-d6	6.55	99	1578262	114.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	963059	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	240384	101.94	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1489014	86.26	ng	0.00
78) Terphenyl-d14	13.03	244	905790	75.65	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	111	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.72	42	222	0.04	ng	# 1
6) Aniline	6.56	93	2860	0.15	ng	# 5
8) 2-Chlorophenol	6.70	128	439	0.03	ng	# 1
9) Benzaldehyde	6.47	77	1373	0.17	ng	93
10) Phenol	6.56	94	31762	2.07	ng	99
11) bis(2-Chloroethyl)ether	6.67	93	1239	0.10	ng	# 37
12) 1,3-Dichlorobenzene	7.09	146	293	0.02	ng	# 1
13) 1,4-Dichlorobenzene	7.09	146	293	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.09	146	293	0.02	ng	# 1
15) Benzyl Alcohol	7.08	79	15735	1.56	ng	# 30
16) 2,2'-oxybis(1-Chloropropan	7.29	45	124	0.01	ng	70
17) 2-Methylphenol	7.03	107	434	0.04	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	129142	14.72	ng	# 76
20) 3+4-Methylphenols	7.31	107	7676	0.59	ng	# 81
22) Acetophenone	7.32	105	593	0.03	ng	# 54
24) Nitrobenzene	7.49	77	2637	0.21	ng	# 32
25) Isophorone	7.49	82	957566	41.81	ng	# 64
27) 2,4-Dimethylphenol	7.87	122	3098	0.27	ng	# 4
28) bis(2-Chloroethoxy)methane	7.95	93	113	0.01	ng	# 1
31) Naphthalene	8.22	128	1869	0.06	ng	98
32) Benzoic acid	7.95	122	730	0.08	ng	# 54
33) 4-Chloroaniline	8.22	127	262	0.02	ng	# 27
36) 4-Chloro-3-methylphenol	8.71	107	121	0.01	ng	# 20
37) 2-Methylnaphthalene	9.02	142	1400	0.06	ng	85
45) 1,1'-Biphenyl	9.37	154	3175	0.13	ng	98
46) 2-Chloronaphthalene	9.59	162	651	0.04	ng	# 37
47) 2-Nitroaniline	9.53	65	119	0.02	ng	# 2
48) Acenaphthylene	9.82	152	5525	0.19	ng	95
49) Dimethylphthalate	9.67	163	243540	11.20	ng	99
50) 2,6-Dinitrotoluene	9.67	165	2811	0.59	ng	# 25
51) Acenaphthene	9.99	154	1293	0.07	ng	# 83
54) Dibenzofuran	10.16	168	1015	0.04	ng	# 80
55) 4-Nitrophenol	10.16	139	178	0.04	ng	# 9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

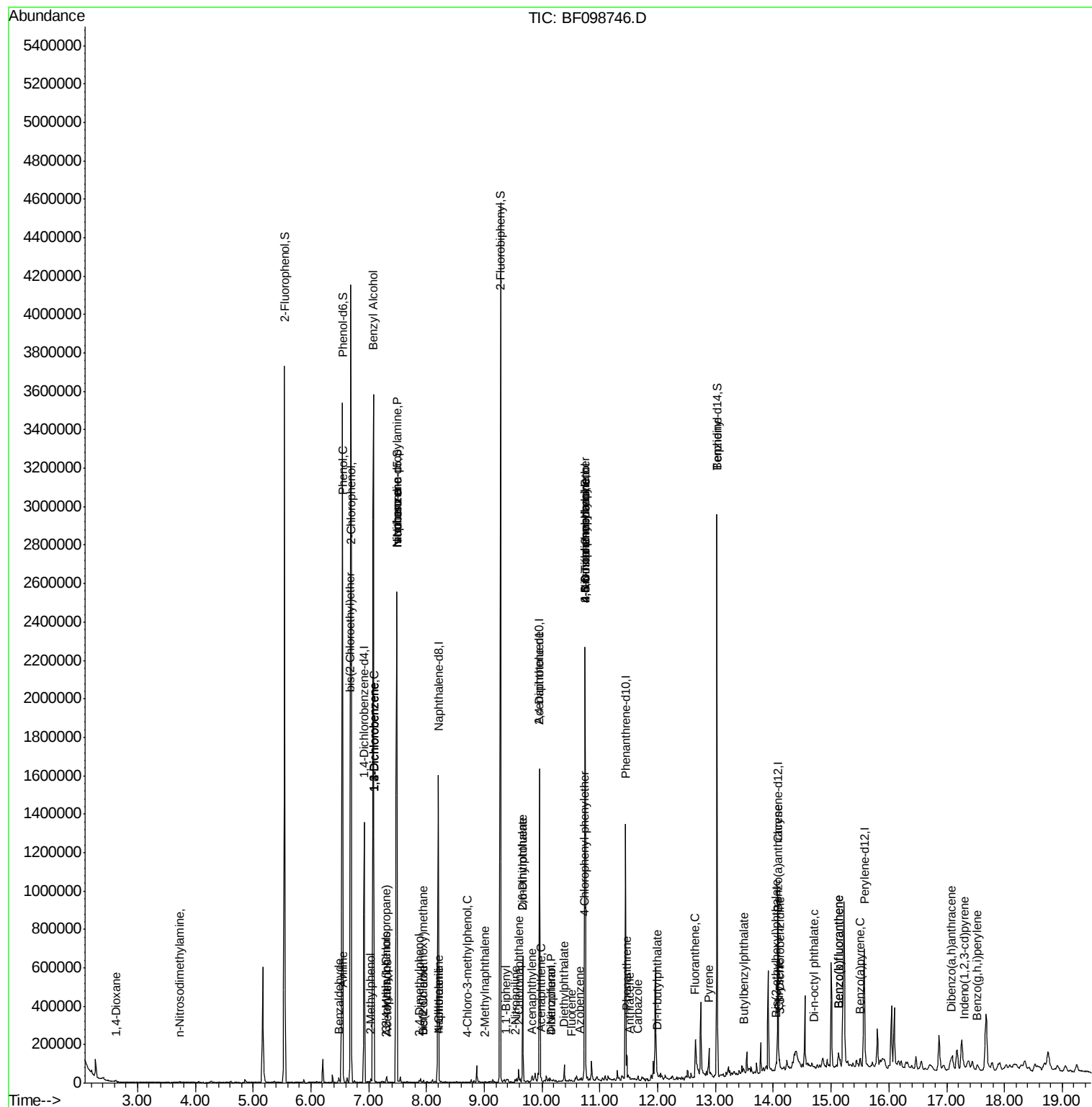
56) 2,4-Dinitrotoluene	9.96	165	36760	5.98	nq	# 23
57) Fluorene	10.50	166	1732	0.09	nq	# 95
59) Diethylphthalate	10.37	149	1669	0.08	nq	# 94
60) 4-Chlorophenyl-phenylether	10.73	204	640	0.07	nq	# 1
62) Azobenzene	10.66	77	960	0.05	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.75	198	680	0.26	nq	# 1
65) n-Nitrosodiphenylamine	10.75	169	9184	0.63	nq	# 46
66) 4-Bromophenyl-phenylether	10.75	248	16281	3.94	nq	# 1
70) Phenanthrene	11.47	178	32469	1.44	nq	99
71) Anthracene	11.52	178	5293	0.23	nq	97
72) Carbazole	11.67	167	3052	0.13	nq	# 95
73) Di-n-butylphthalate	12.00	149	3411	0.13	nq	# 95
74) Fluoranthene	12.66	202	60644	2.65	nq	96
76) Benzidine	13.03	184	13387	1.33	nq	97
77) Pyrene	12.89	202	59240	2.85	nq	99
79) Butylbenzylphthalate	13.50	149	3625	0.37	nq	88
80) Benzo(a)anthracene	14.07	228	23627	1.43	nq	94
81) 3,3'-Dichlorobenzidine	14.12	252	175	0.03	nq	# 33
82) Chrysene	14.10	228	27417	1.75	nq	96
83) Bis(2-ethylhexyl)phthalate	14.05	149	6997	0.52	nq	# 96
84) Di-n-octyl phthalate	14.69	149	1555	0.07	nq	# 73
85) Indeno(1,2,3-cd)pyrene	17.30	276	1081	0.09	nq	95
87) Benzo(b)fluoranthene	15.13	252	47006	2.87	nq	97
88) Benzo(k)fluoranthene	15.13	252	47006	2.91	nq	99
89) Benzo(a)pyrene	15.50	252	22905	1.53	nq	# 91
90) Dibenzo(a,h)anthracene	17.08	278	3716	0.31	nq	# 82
91) Benzo(q,h,i)perylene	17.52	276	13800	1.16	nq	# 88

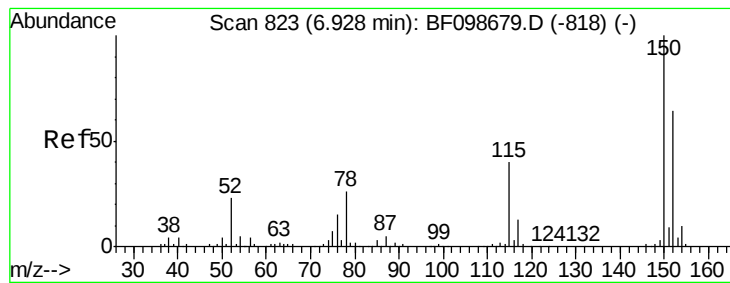
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

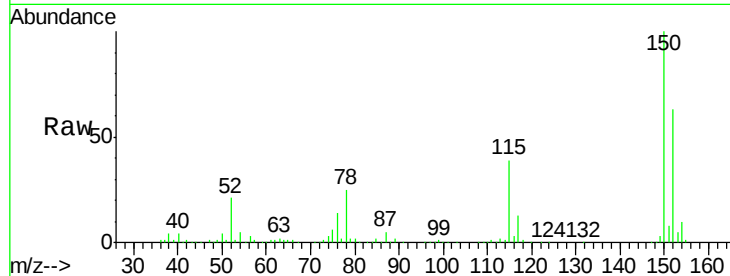
Tot Ion:152 Resp: 177371

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

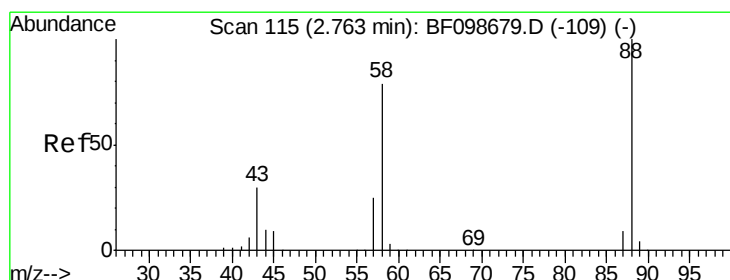
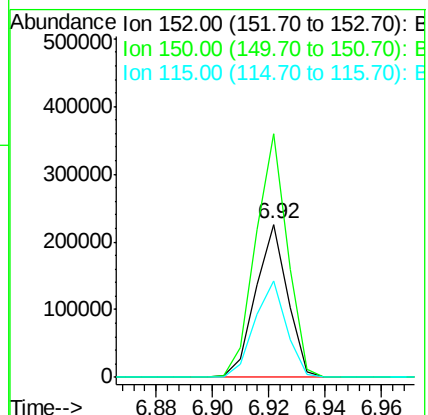
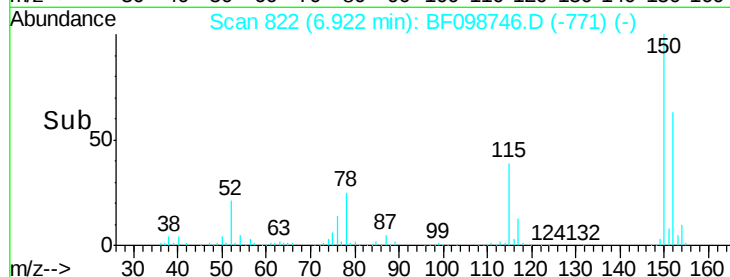
115 62.6 50.1 75.1



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: 0.02 ng

RT: 2.63 min Scan# 92

Delta R.T. -0.13 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

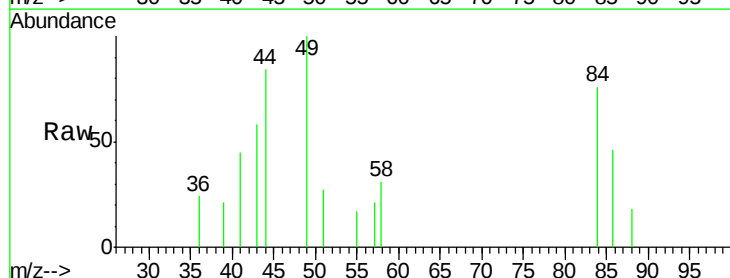
Tgt Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

58 897.3 62.6 93.8#

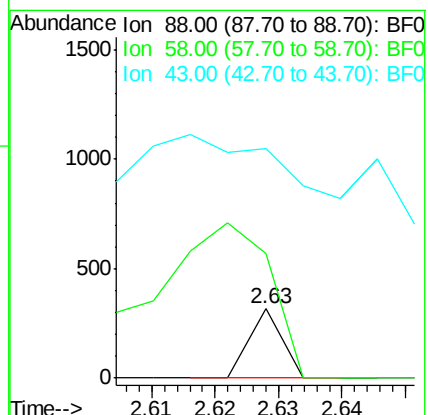
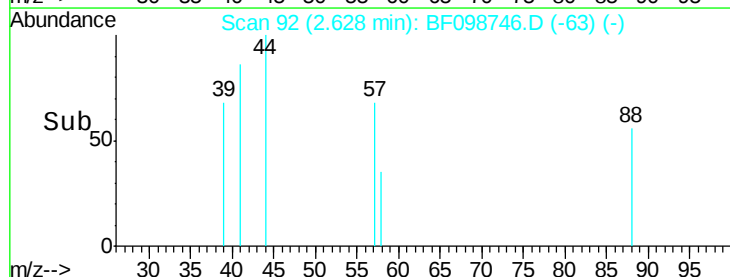
43 648.6 24.6 37.0#

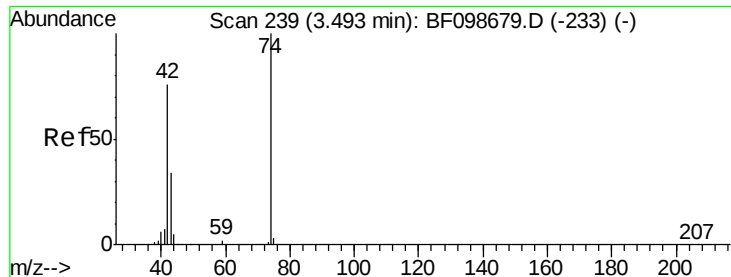


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.72 min Scan# 278

Delta R.T. 0.24 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

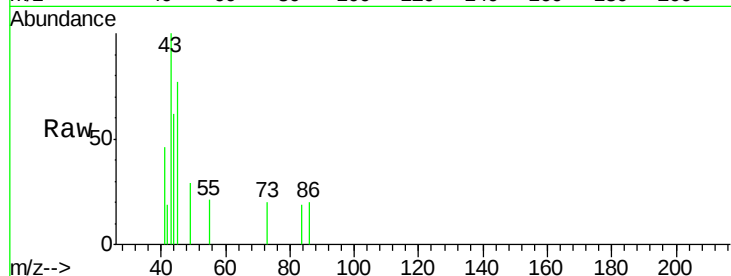
Tot Ion: 42 Resp: 222

Ion Ratio Lower Upper

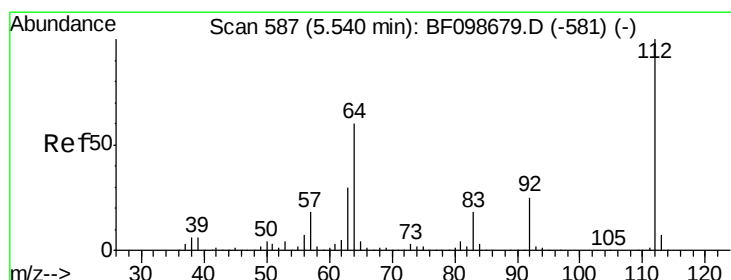
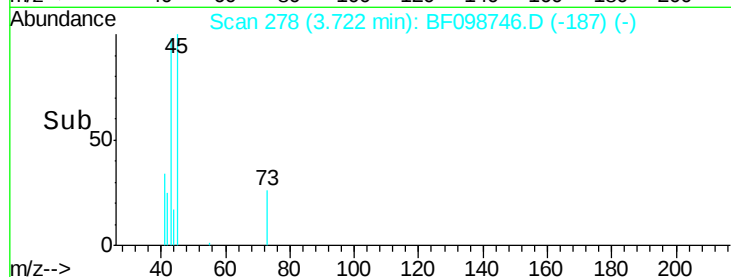
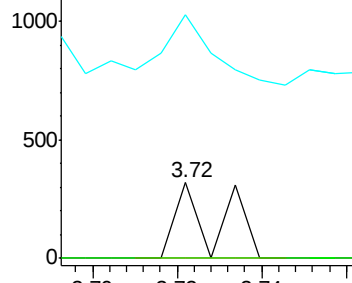
42 100

74 0.0 104.9 157.3#

44 320.9 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 117.13 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

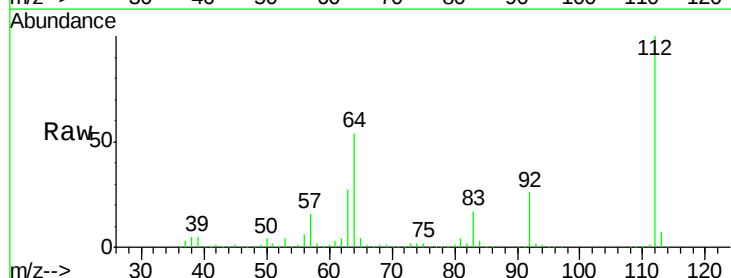
Tgt Ion: 112 Resp: 1305104

Ion Ratio Lower Upper

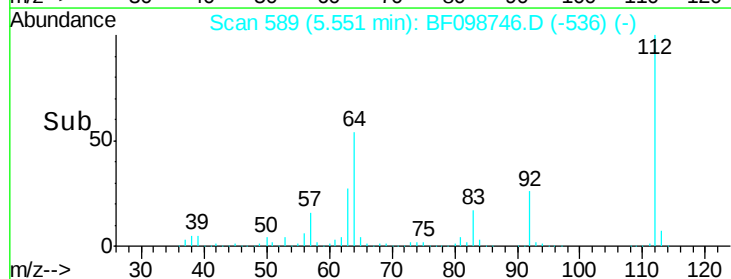
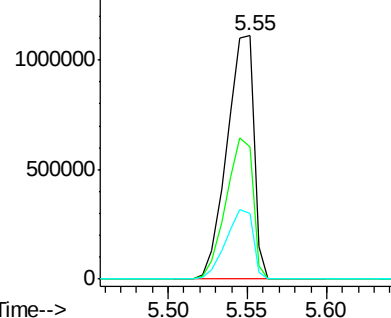
112 100

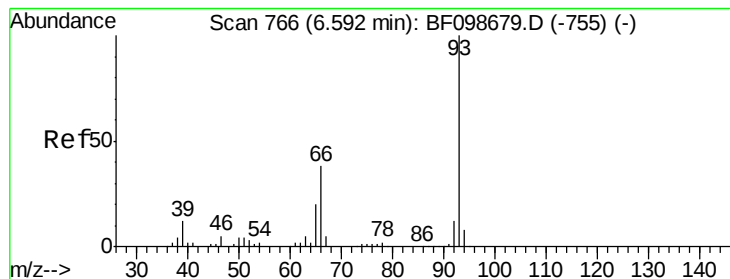
64 54.4 47.9 71.9

63 26.8 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: 0.15 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

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BNA_F

ClientSampleId :

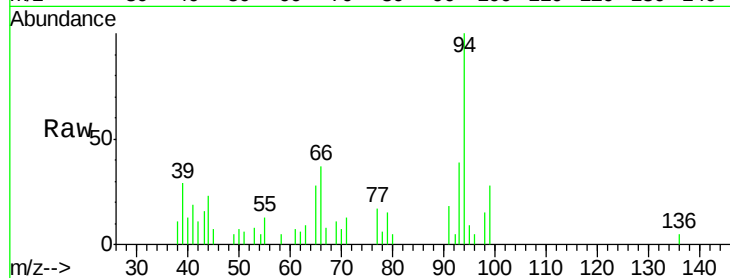
Tot Ion: 93 Resp: 2860

Ion Ratio Lower Upper

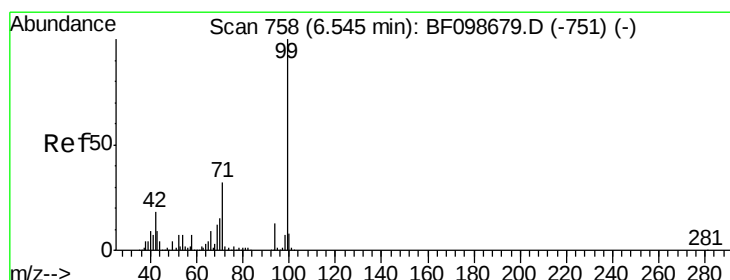
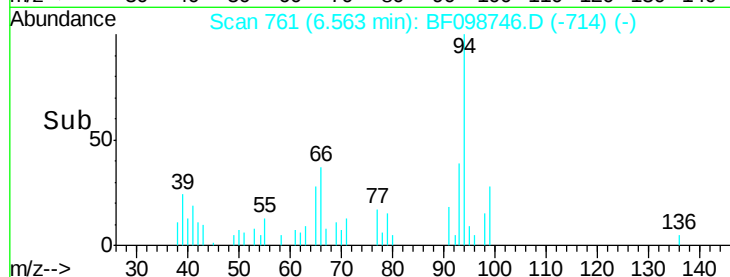
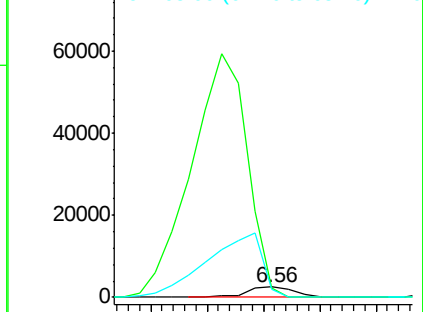
93 100

66 93.8 32.2 48.2#

65 72.0 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: 114.82 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

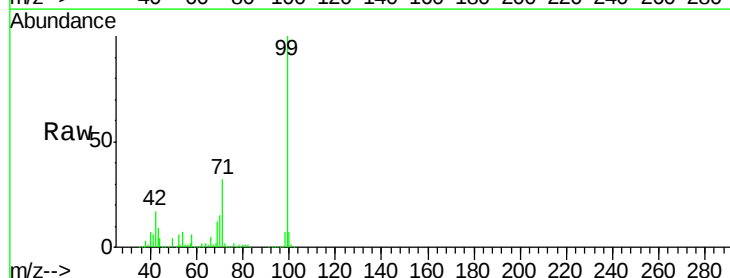
Tgt Ion: 99 Resp: 1578262

Ion Ratio Lower Upper

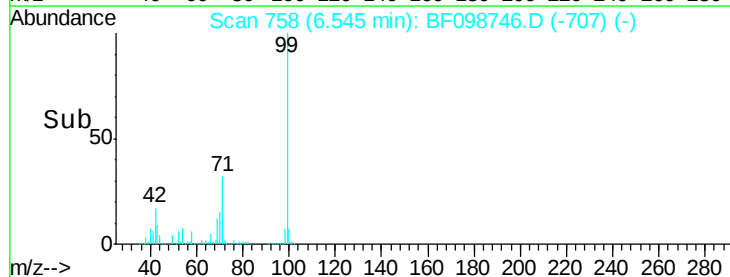
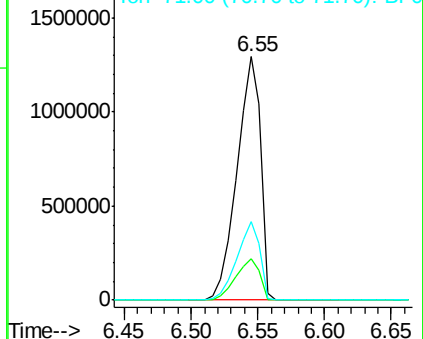
99 100

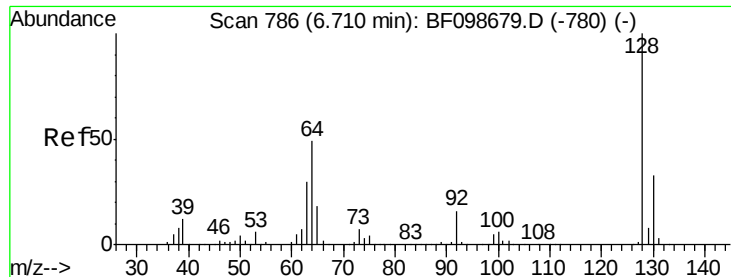
42 17.2 14.5 21.7

71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

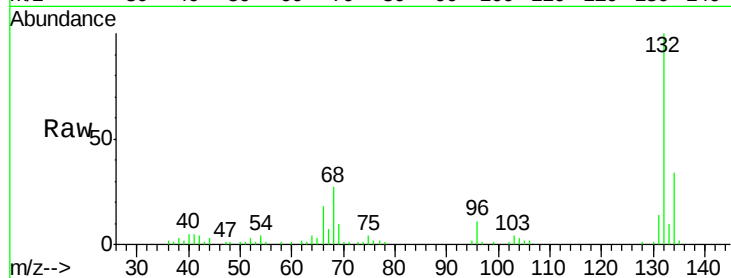
Tot Ion:128 Resp: 439

Ion Ratio Lower Upper

128 100

130 95.2 13.0 53.0#

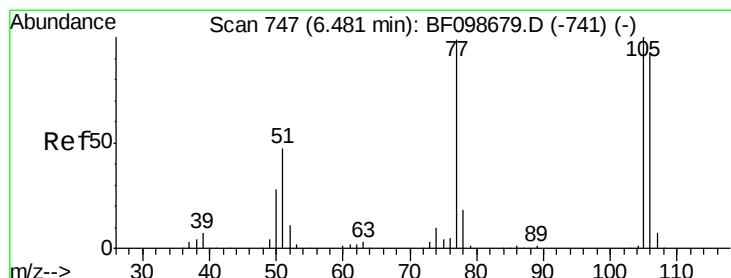
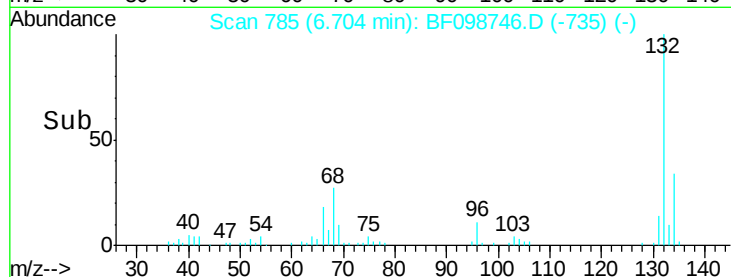
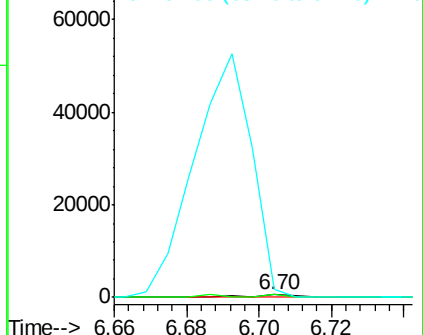
64 315.6 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.17 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

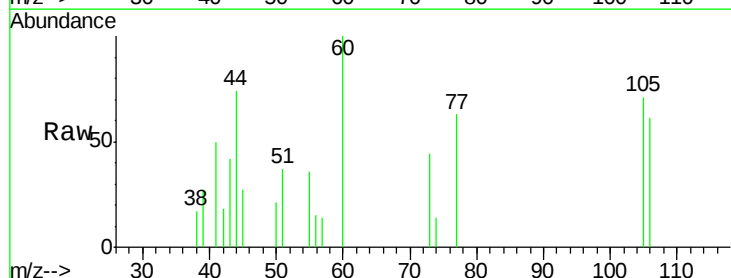
Tgt Ion: 77 Resp: 1373

Ion Ratio Lower Upper

77 100

105 113.4 81.1 121.1

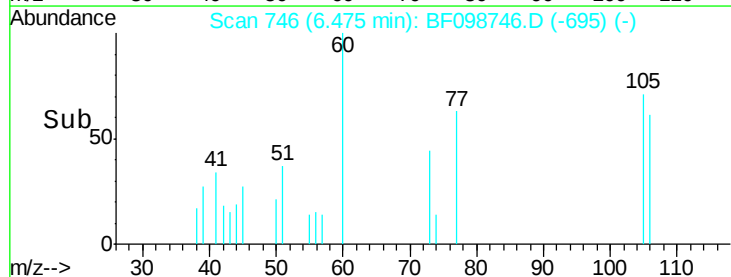
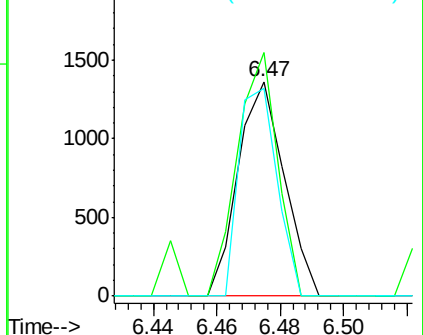
106 96.7 74.5 114.5

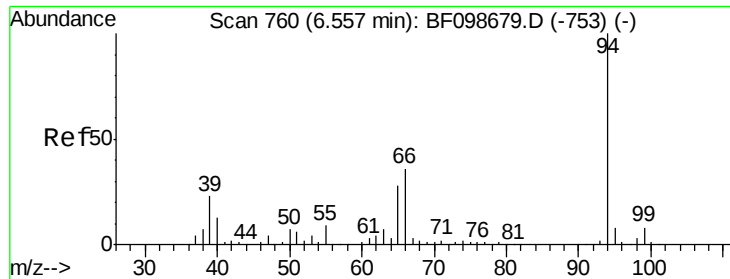


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.07 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

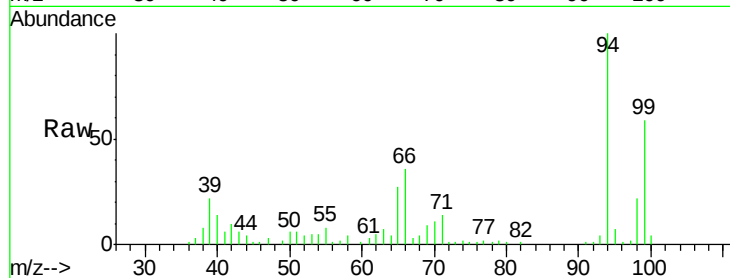
Tot Ion: 94 Resp: 31762

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

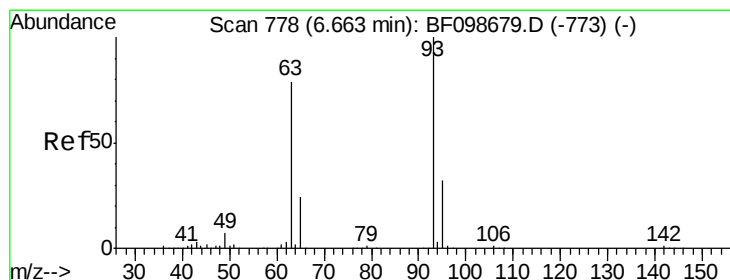
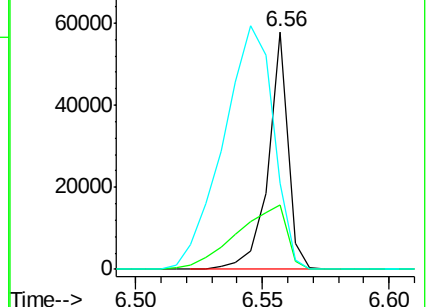
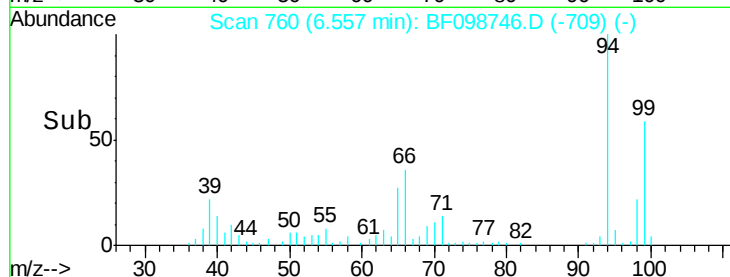
66 36.1 16.2 56.2



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: 0.10 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.02 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

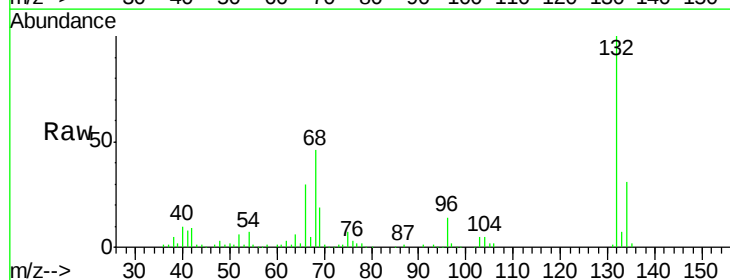
Tgt Ion: 93 Resp: 1239

Ion Ratio Lower Upper

93 100

63 154.1 58.6 98.6#

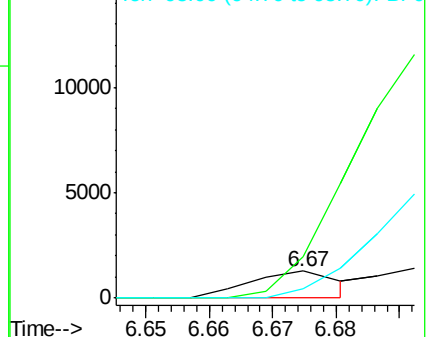
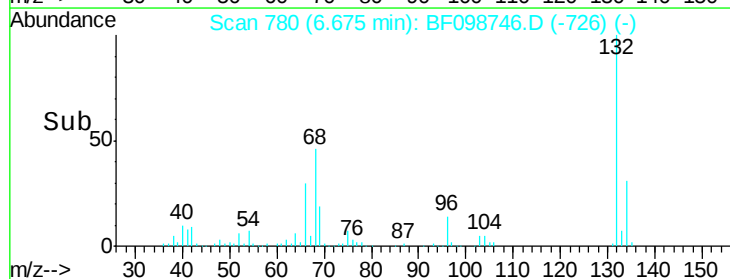
95 34.1 11.8 51.8

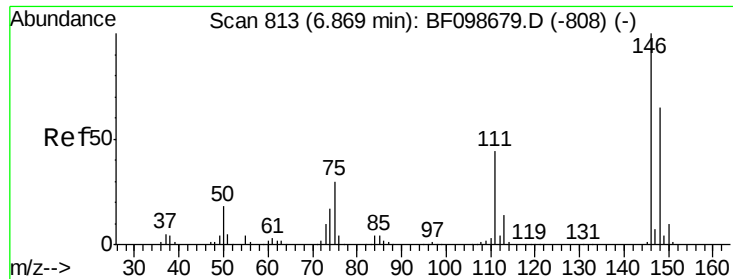


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.23 min

Lab File: BF098746.D

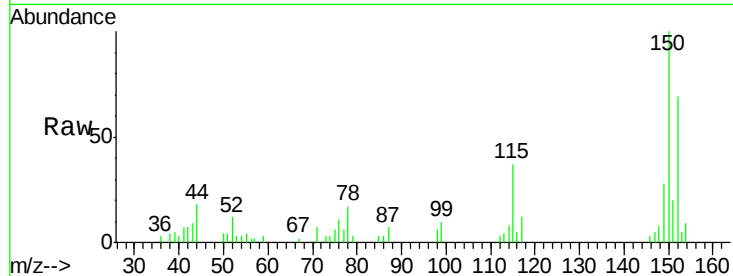
Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

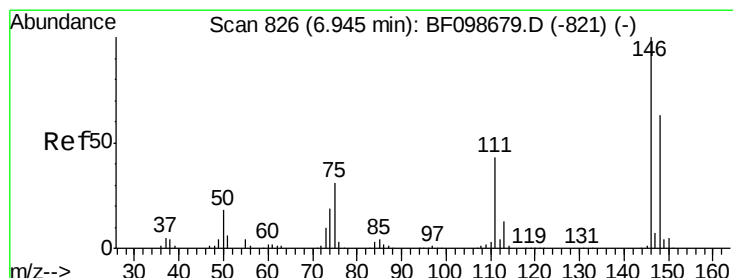
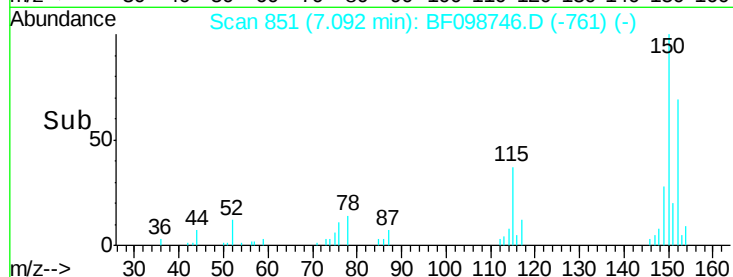
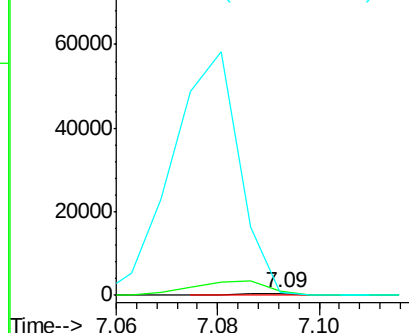
Tot Ion:146	Resp:	293
Ion Ratio	Lower	Upper
146	100	
148	216.1	51.8 77.8#
75	170.4	24.2 36.4#



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: 0.02 ng

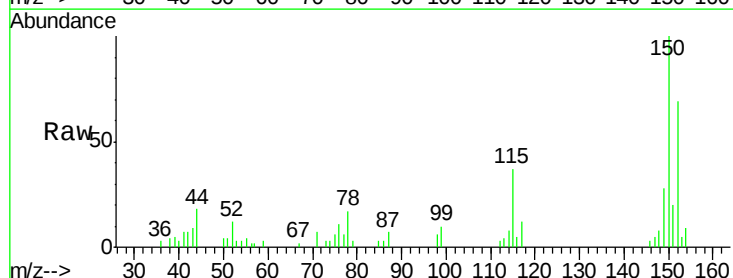
RT: 7.09 min Scan# 851

Delta R.T. 0.15 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

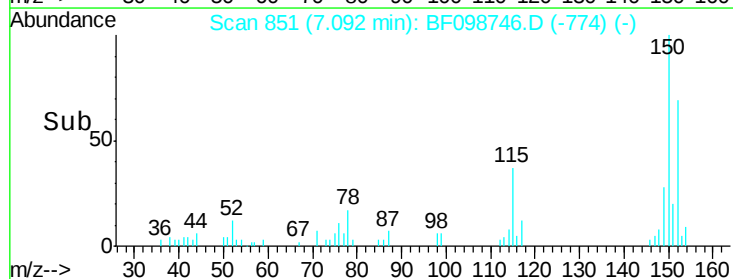
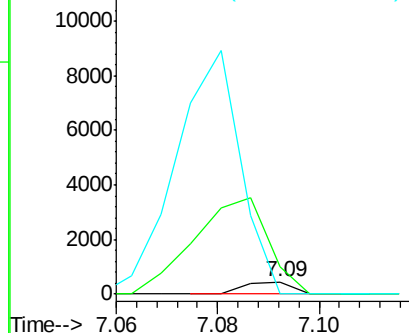
Tgt Ion:146	Resp:	293
Ion Ratio	Lower	Upper
146	100	
148	216.1	50.8 76.2#
111	0.0	34.2 51.2#

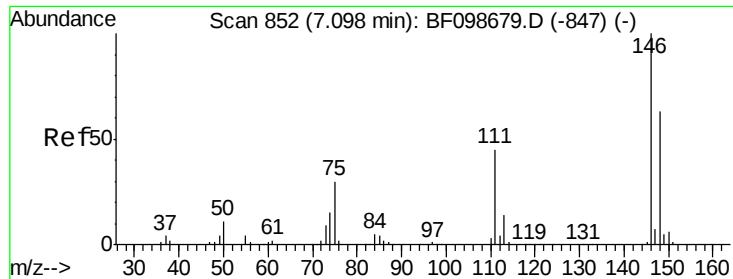


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

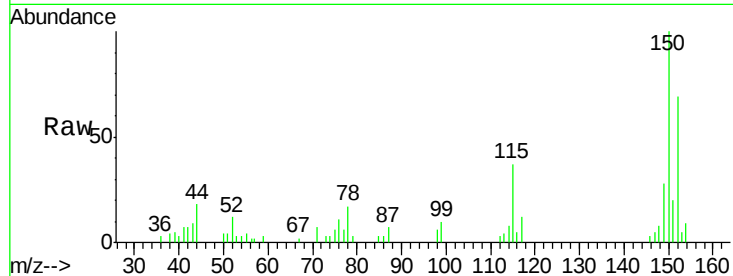
Tot Ion:146 Resp: 293

Ion Ratio Lower Upper

146 100

148 216.1 50.6 75.8#

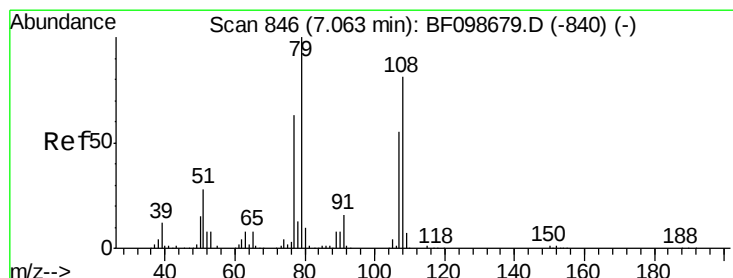
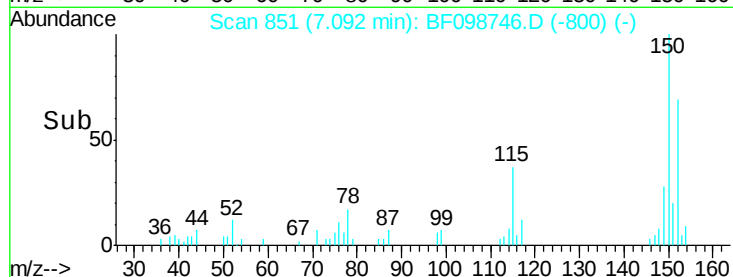
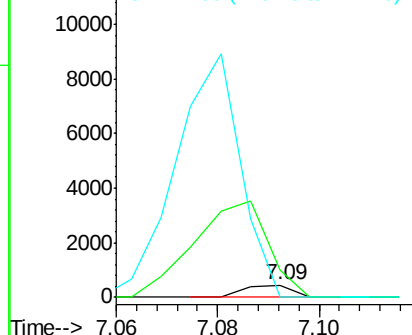
111 0.0 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.56 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.02 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

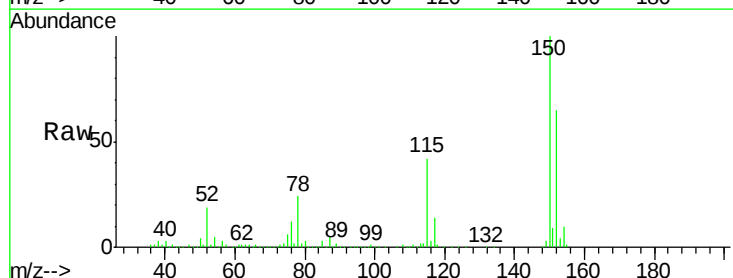
Tgt Ion: 79 Resp: 15735

Ion Ratio Lower Upper

79 100

108 32.7 65.1 97.7#

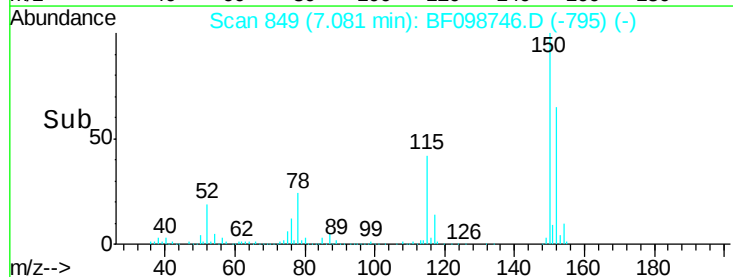
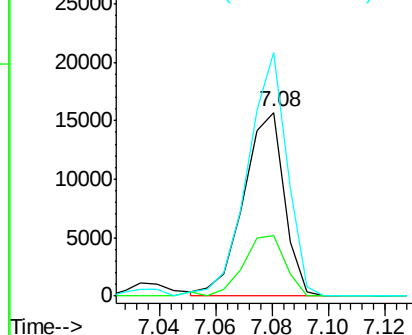
77 132.6 50.6 75.8#

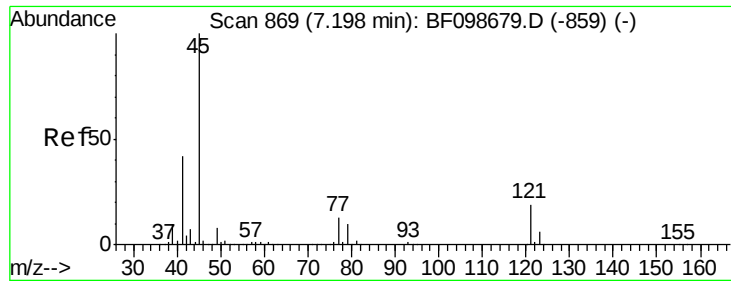


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

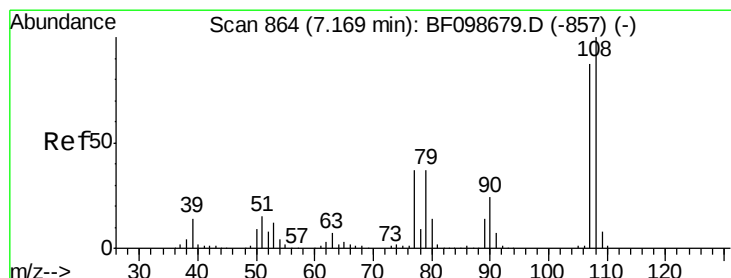
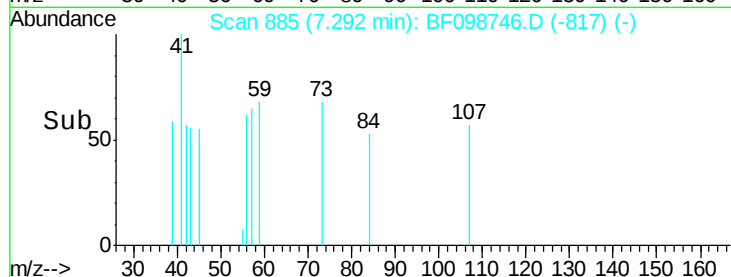
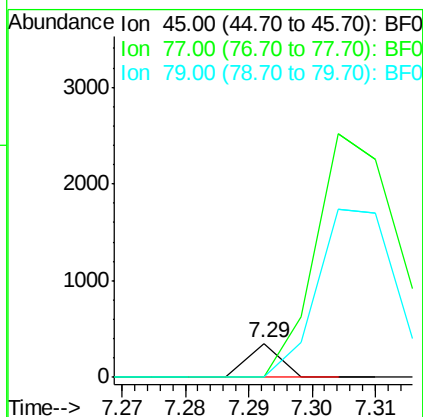
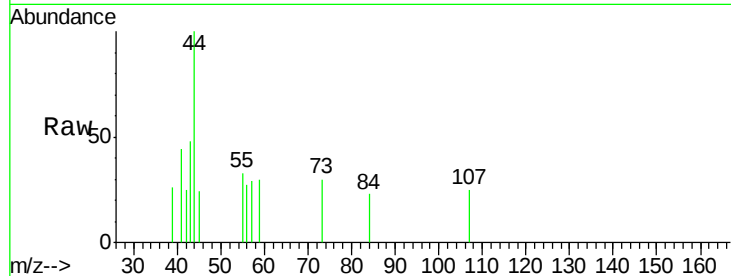




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.10 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

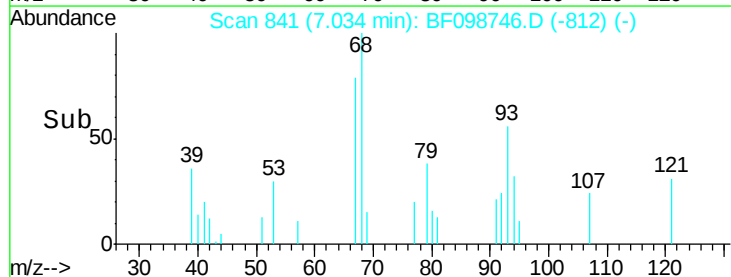
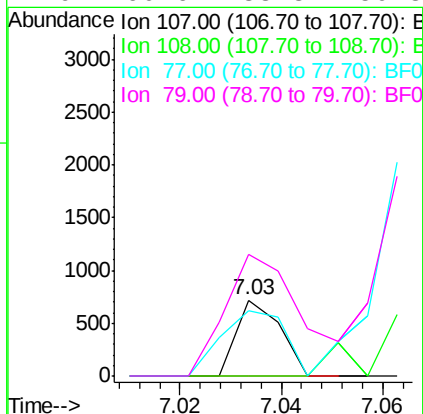
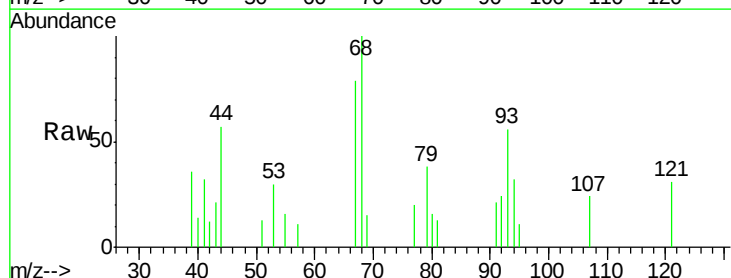
Instrument :
BNA_F
ClientSampled :

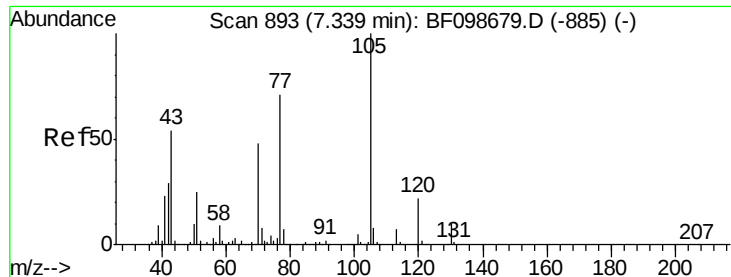
Tot Ion: 45 Resp: 124
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.04 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.13 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion: 107 Resp: 434
Ion Ratio Lower Upper
107 100
108 0.0 91.7 137.5#
77 85.9 33.8 50.8#
79 160.6 33.8 50.8#

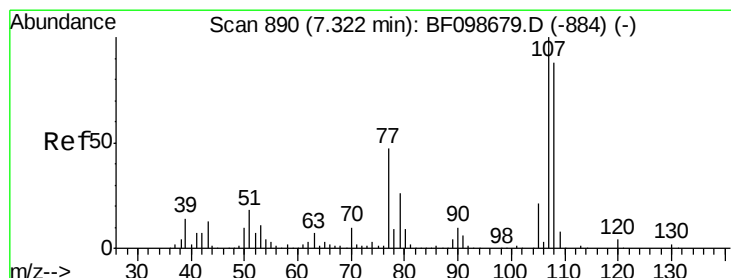
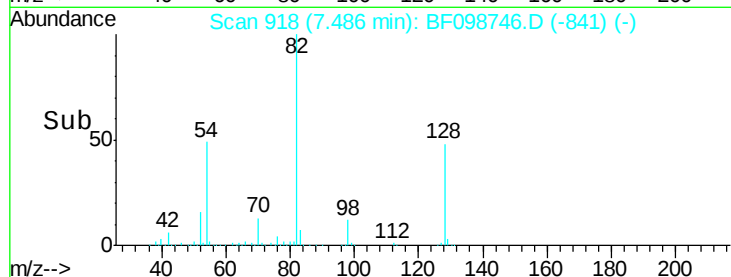
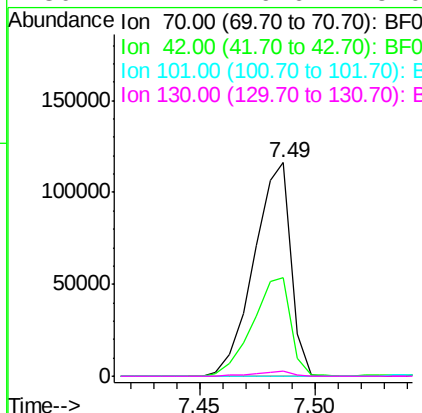
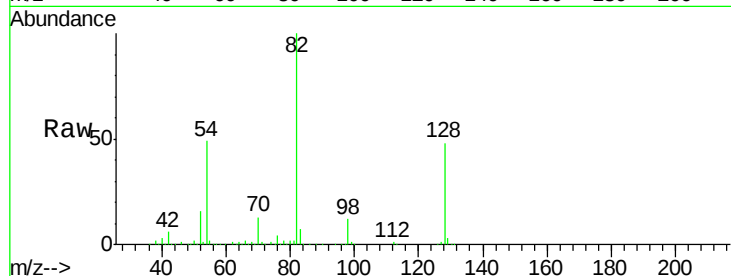




#19
n-Nitroso-di-n-propylamine
Concen: 14.72 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

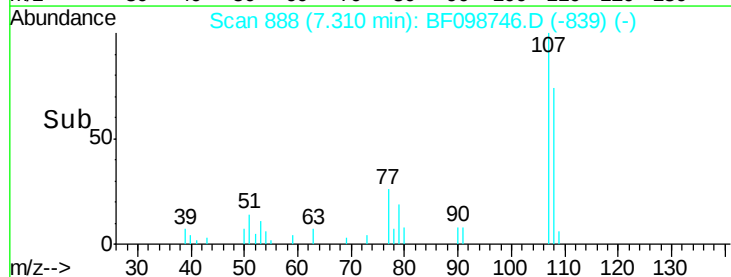
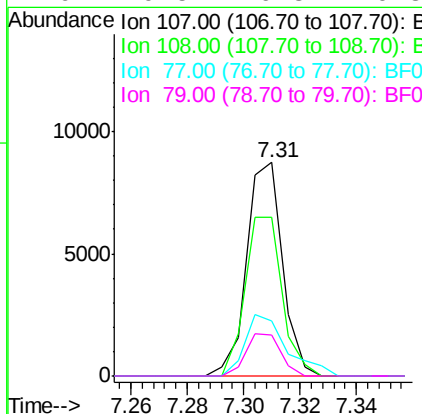
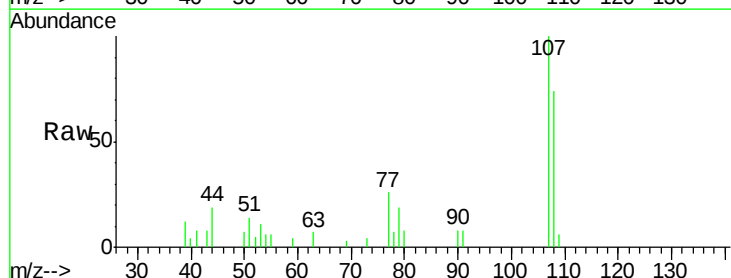
Instrument :
BNA_F
ClientSampleId :

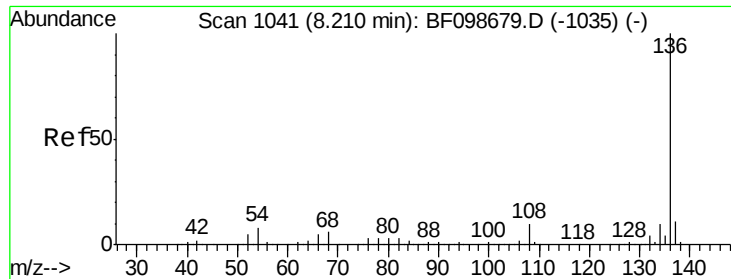
Tot Ion: 70 Resp: 129142
Ion Ratio Lower Upper
70 100
42 46.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.59 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:107 Resp: 7676
Ion Ratio Lower Upper
107 100
108 74.3 68.2 108.2
77 25.8 26.7 66.7#
79 19.5 6.3 46.3

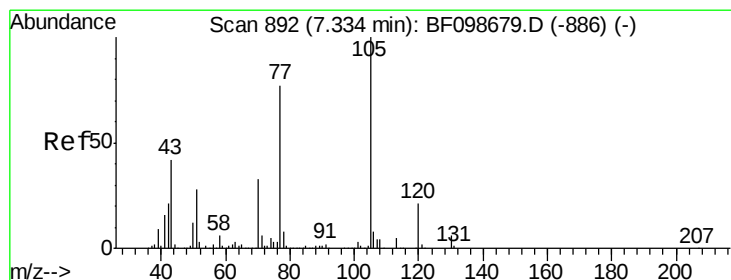
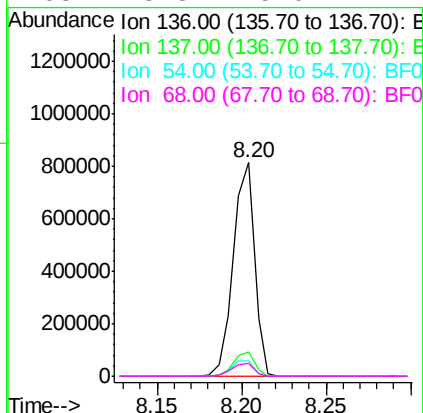
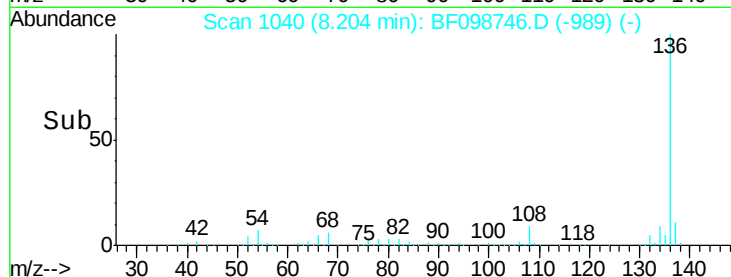
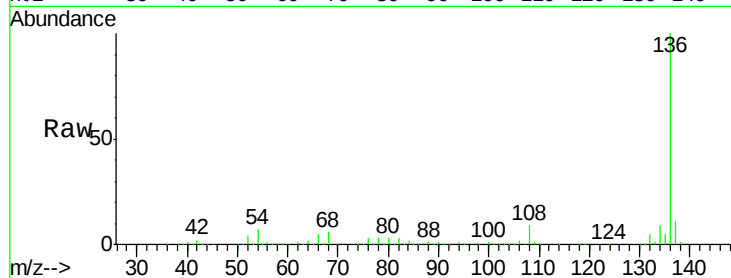




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

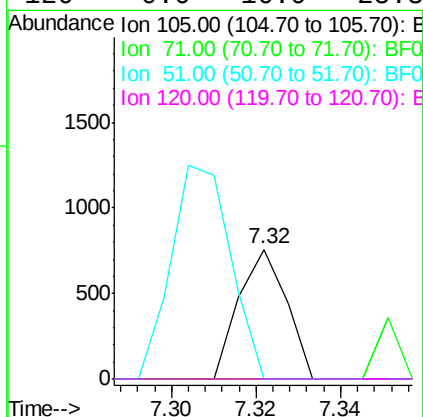
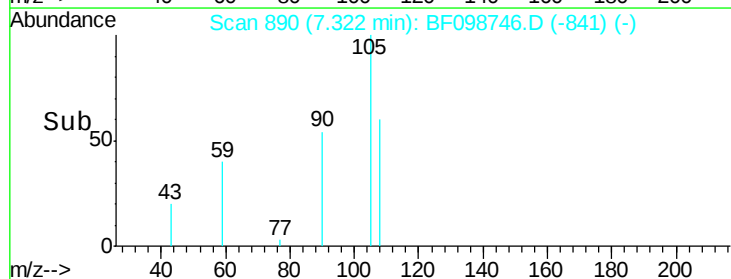
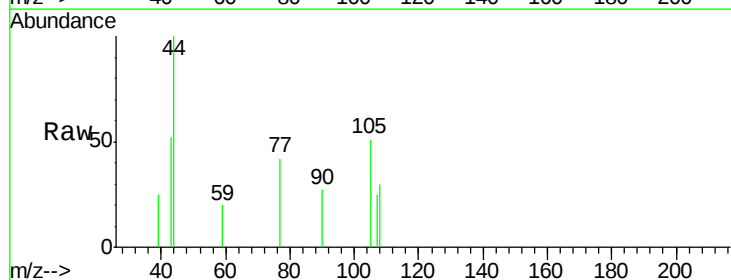
Instrument :
BNA_F
ClientSampleId :

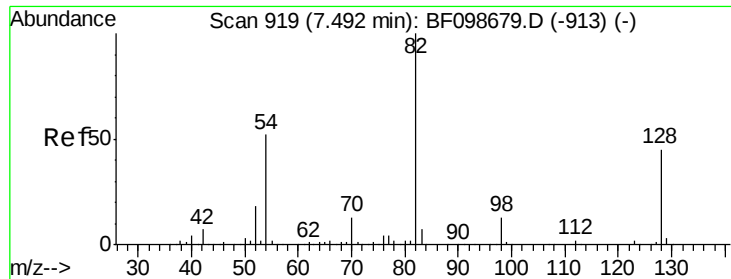
Tot Ion:136	Resp:	710355
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 0.03 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:105	Resp:	593
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: 86.94 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

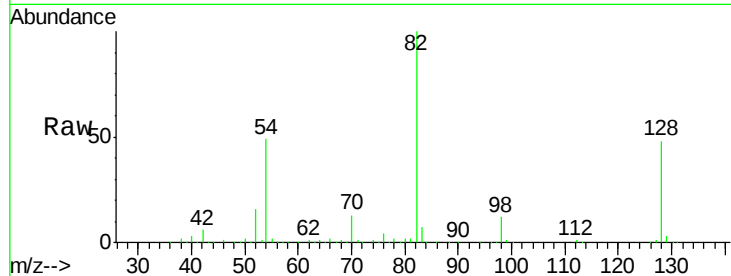
Tot Ion: 82 Resp: 963059

Ion Ratio Lower Upper

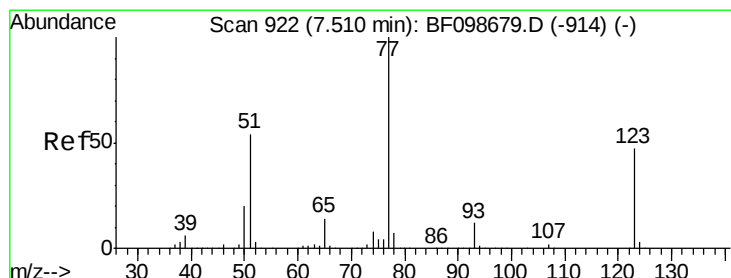
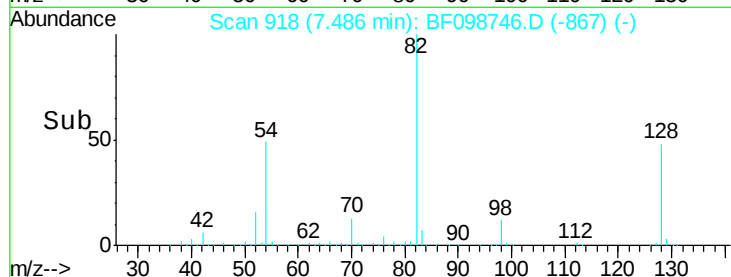
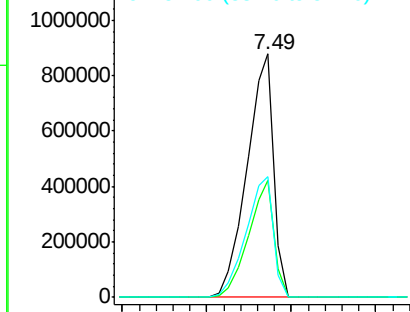
82 100

128 48.0 36.1 54.1

54 49.4 41.4 62.2



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



#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

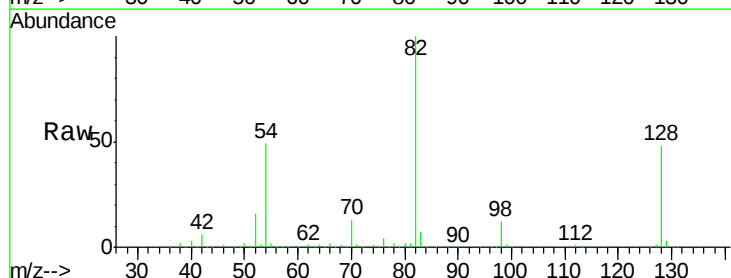
Tgt Ion: 77 Resp: 2637

Ion Ratio Lower Upper

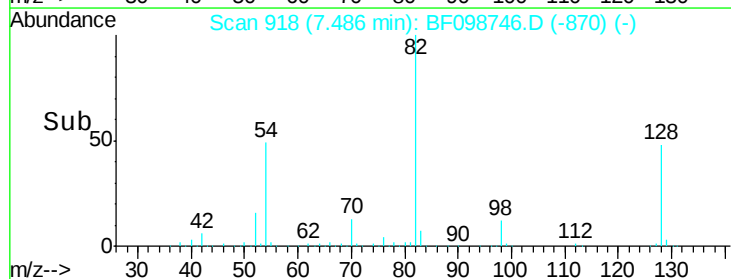
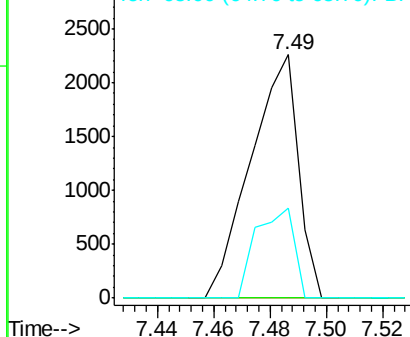
77 100

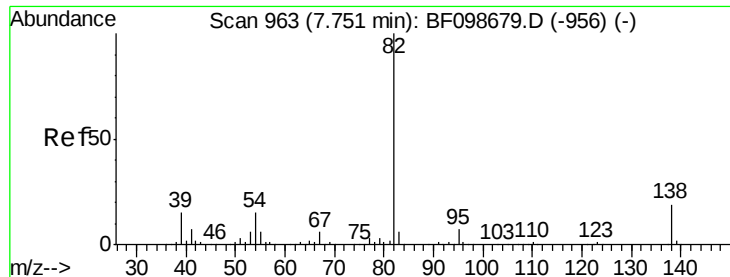
123 0.0 37.9 56.9#

65 36.8 11.0 16.4#



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





#25

Isophorone

Concen: 41.81 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

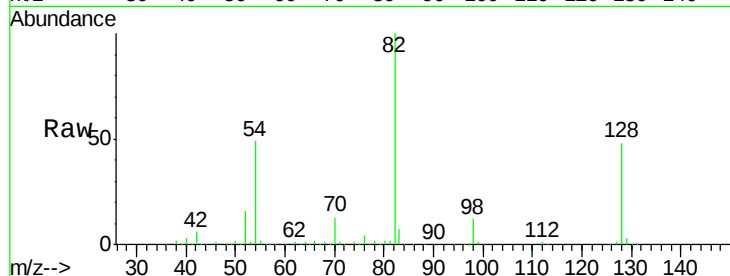
Tot Ion: 82 Resp: 957566

Ion Ratio Lower Upper

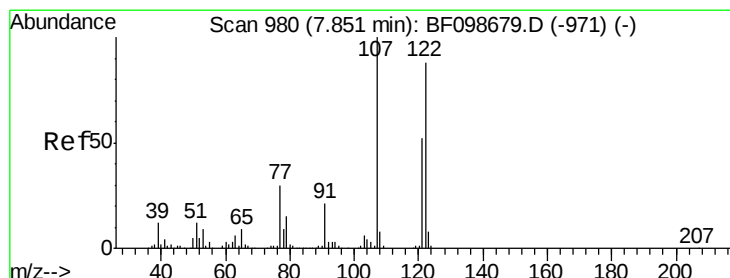
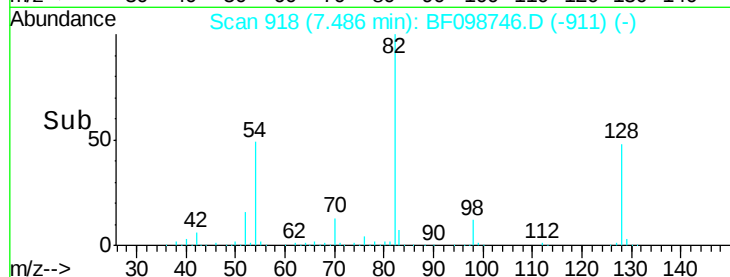
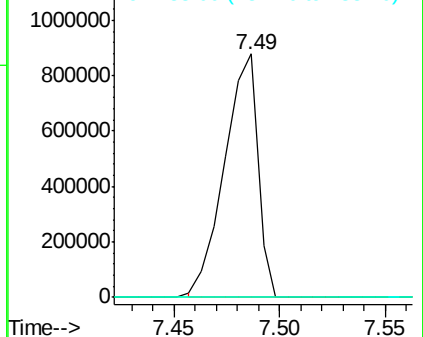
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 0.27 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

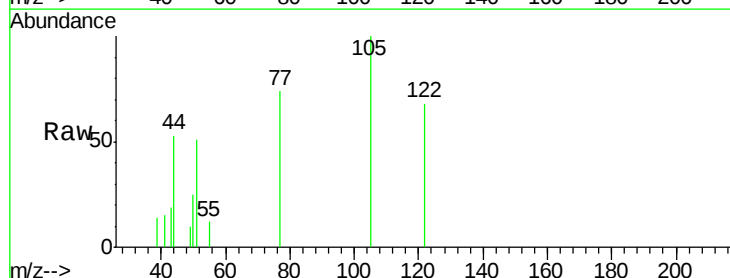
Tgt Ion:122 Resp: 3098

Ion Ratio Lower Upper

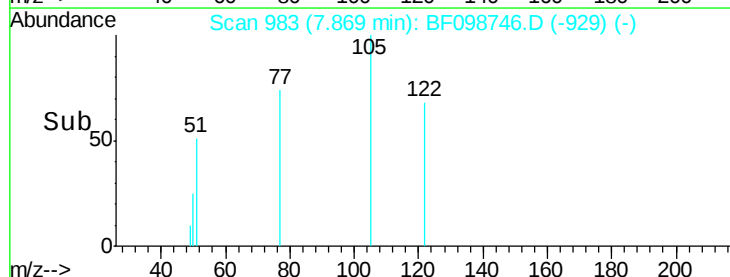
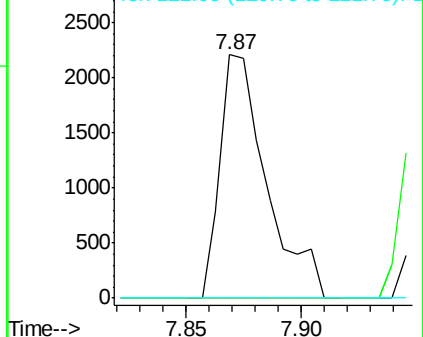
122 100

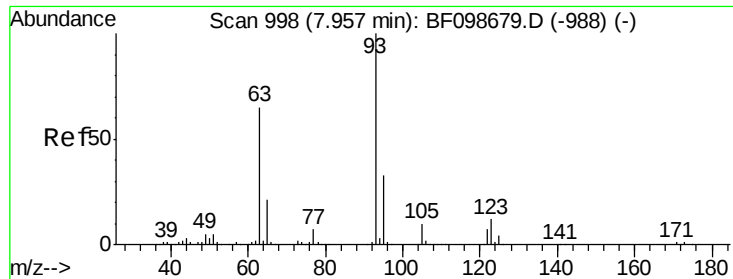
107 0.0 91.2 136.8#

121 0.0 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.01 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

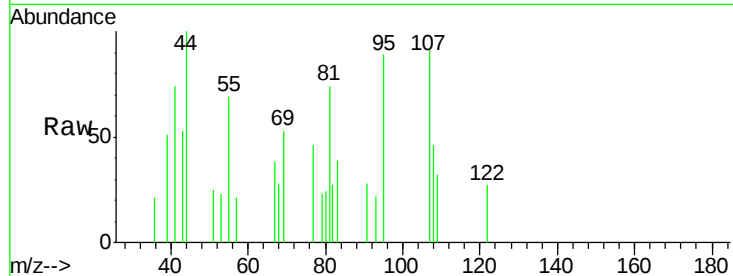
Tot Ion: 93 Resp: 113

Ion Ratio Lower Upper

93 100

95 400.6 26.3 39.5#

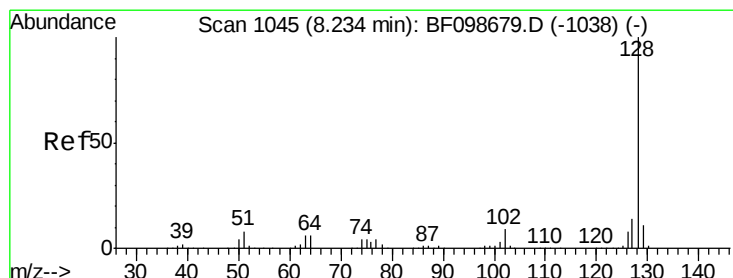
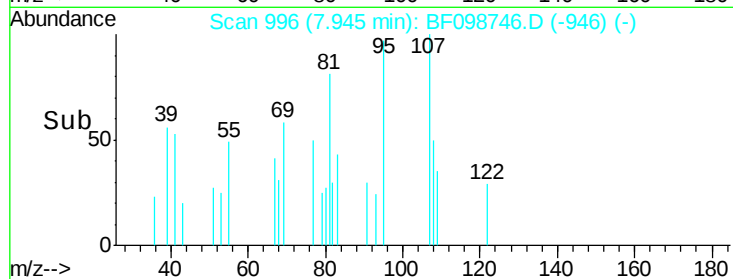
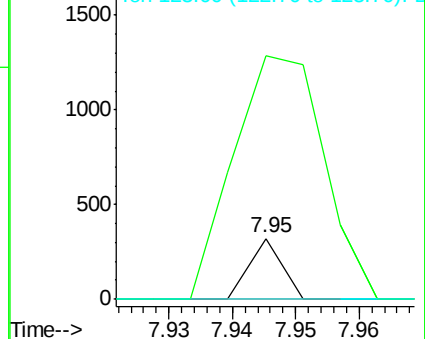
123 0.0 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#31

Naphthalene

Concen: 0.06 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

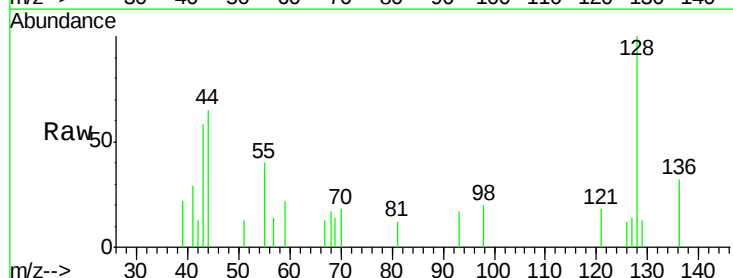
Tgt Ion: 128 Resp: 1869

Ion Ratio Lower Upper

128 100

129 12.6 8.8 13.2

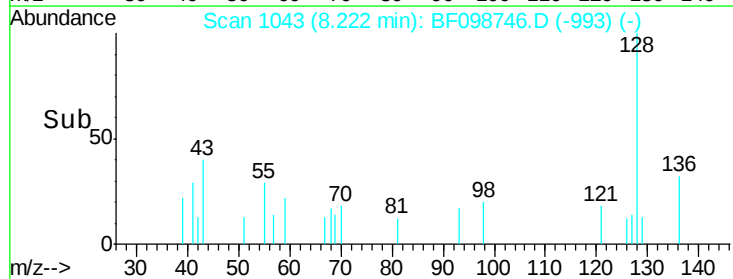
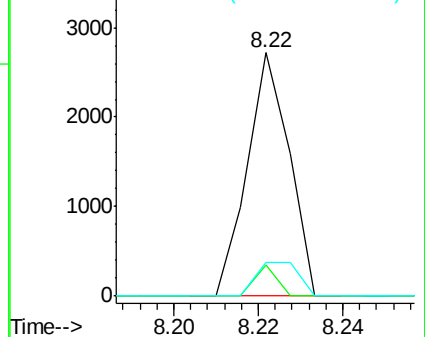
127 13.7 10.9 16.3

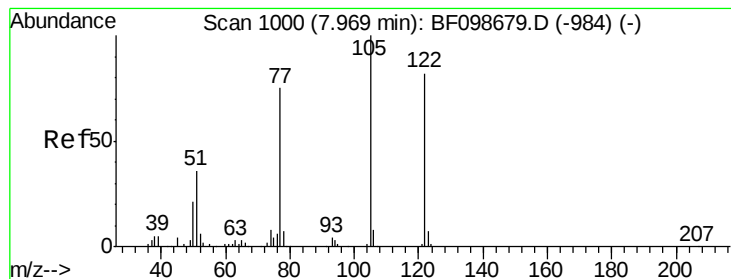


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.08 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF098746.D

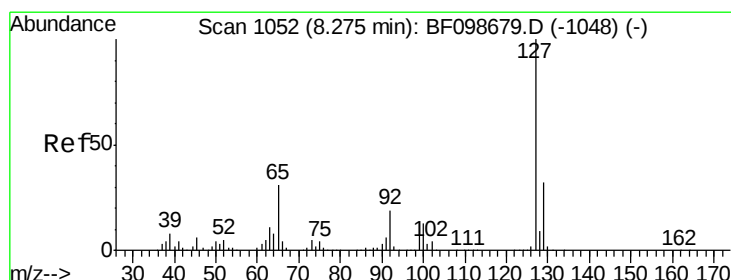
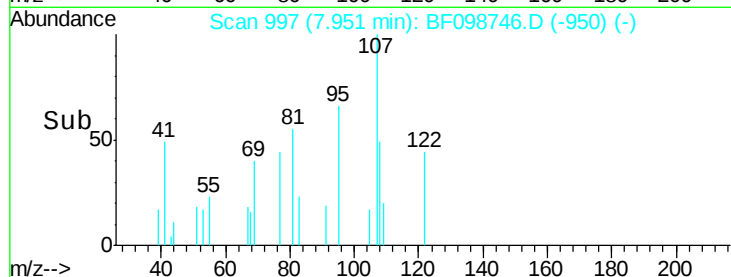
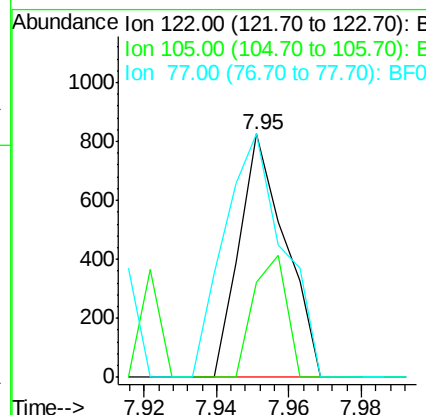
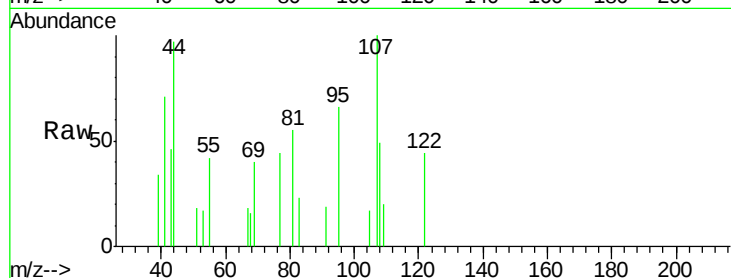
Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	122	Resp:	730
Ion	Ratio	Lower	Upper
122	100		
105	39.3	101.1	141.1#
77	100.1	70.7	110.7



#33

4-Chloroaniline

Concen: 0.02 ng

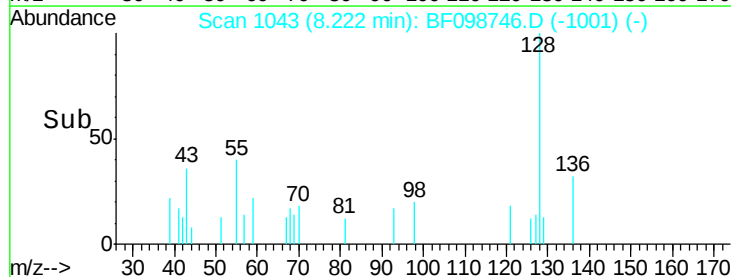
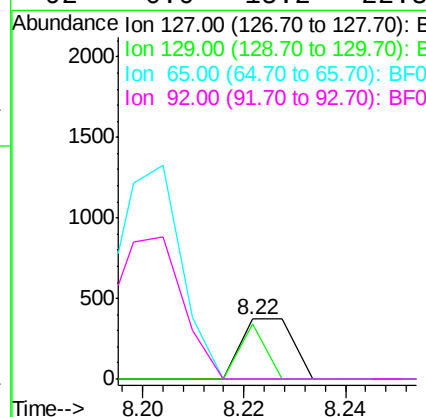
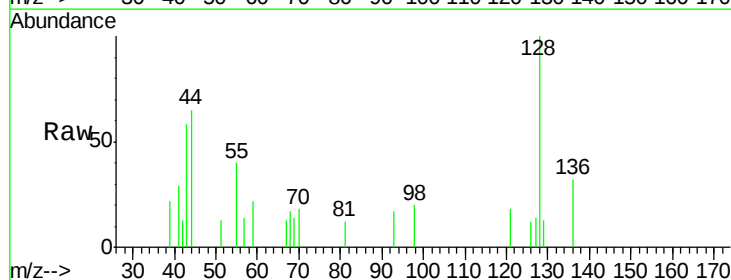
RT: 8.22 min Scan# 1043

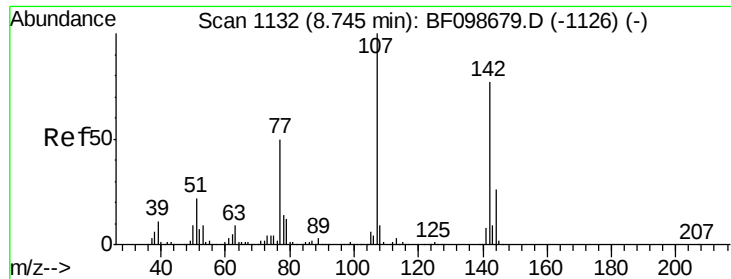
Delta R.T. -0.05 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Tgt Ion:	127	Resp:	262
Ion	Ratio	Lower	Upper
127	100		
129	91.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

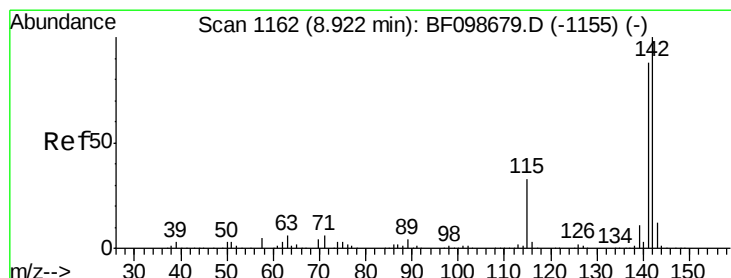
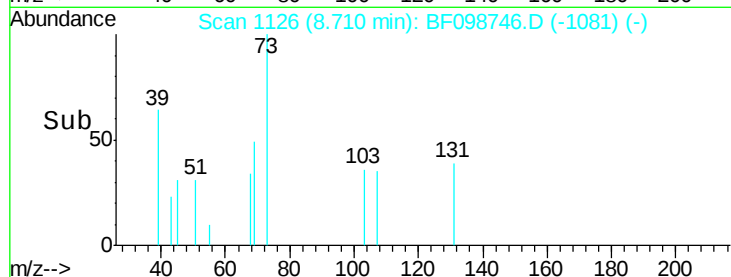
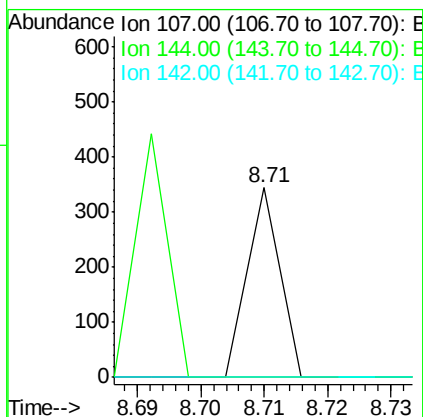
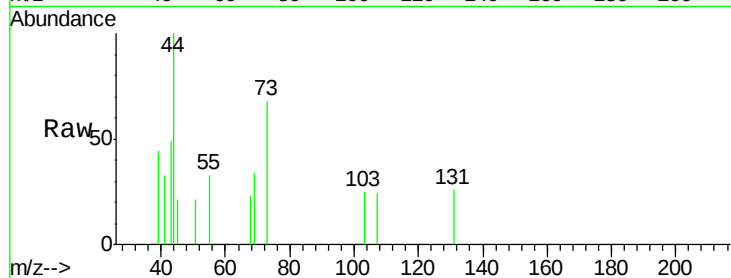




#36
 4-Chloro-3-methylphenol
 Concen: 0.01 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

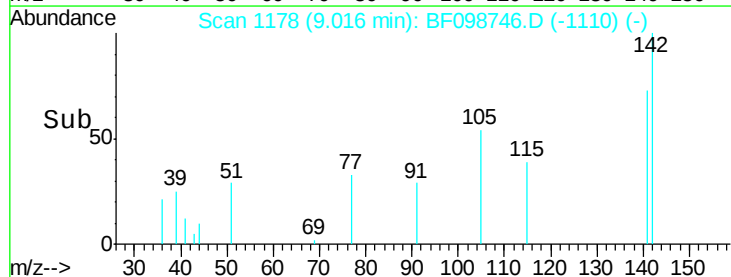
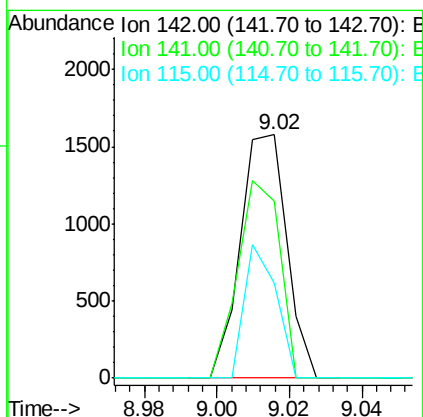
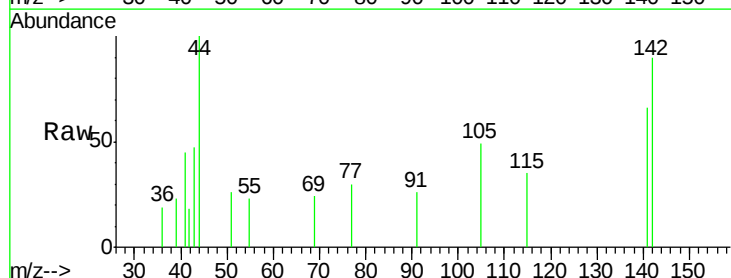
Instrument :
 BNA_F
 ClientSampleId :

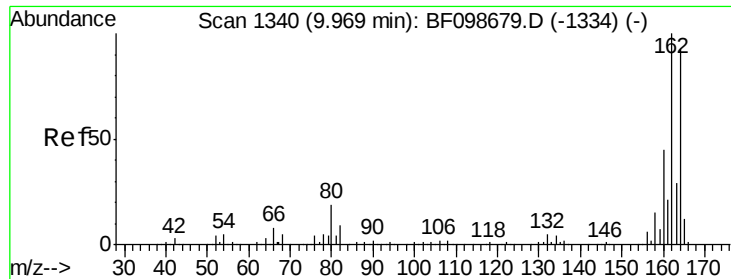
Tot Ion:107 Resp: 121
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 0.06 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.10 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:142 Resp: 1400
 Ion Ratio Lower Upper
 142 100
 141 72.9 70.8 106.2
 115 39.1 26.1 39.1

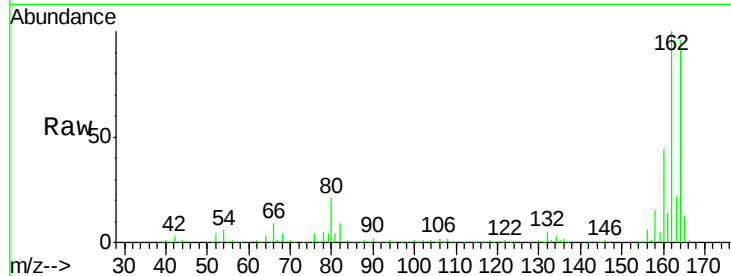




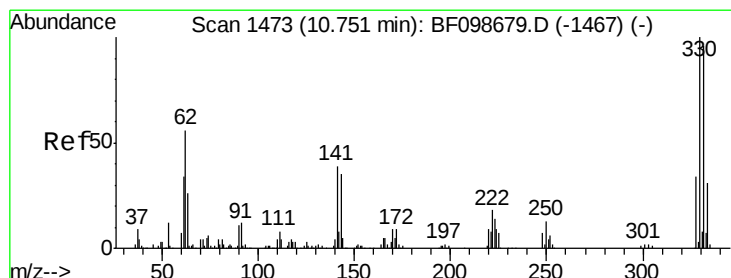
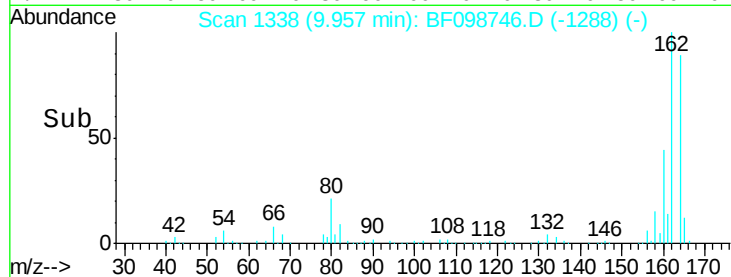
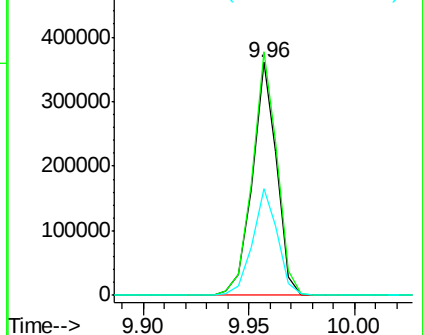
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 288186
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.0 38.3 57.5

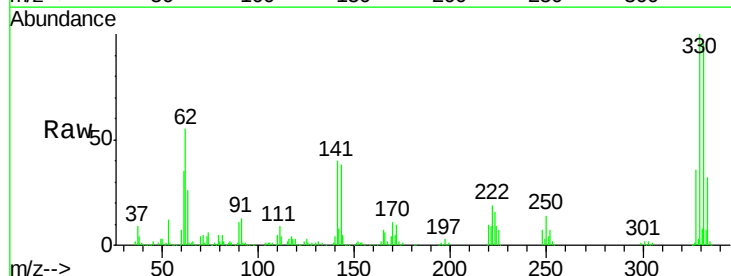


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

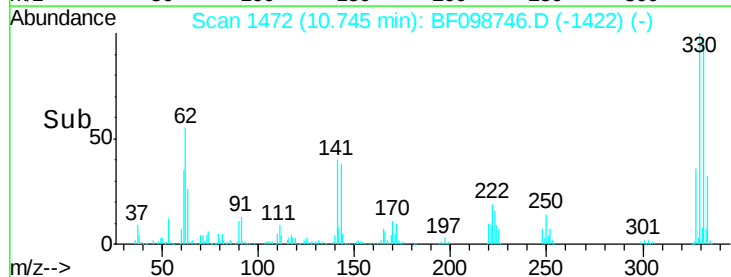
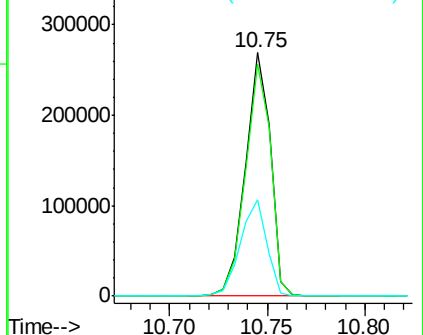


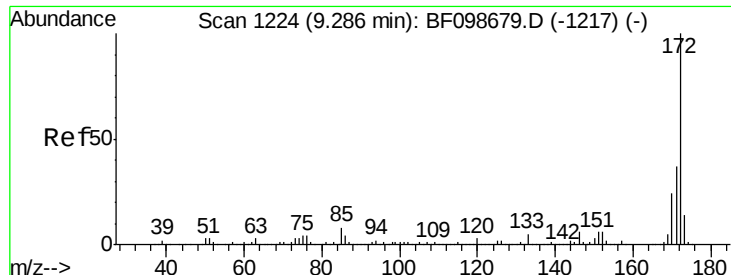
#41
 2,4,6-Tribromophenol
 Concen: 101.94 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:330 Resp: 240384
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 41.6 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

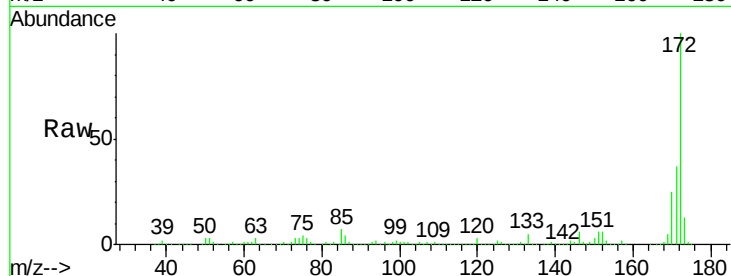




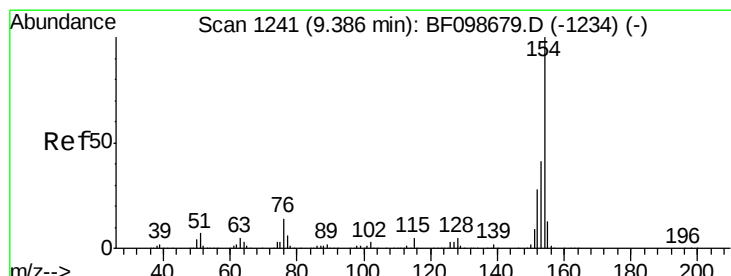
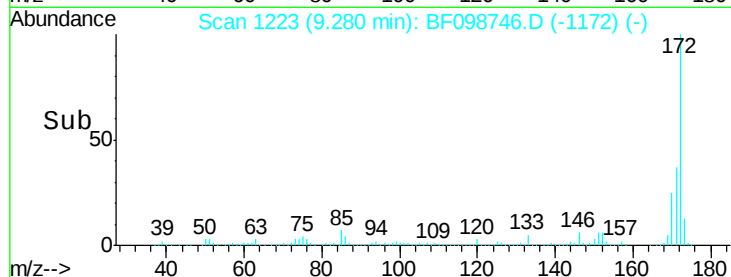
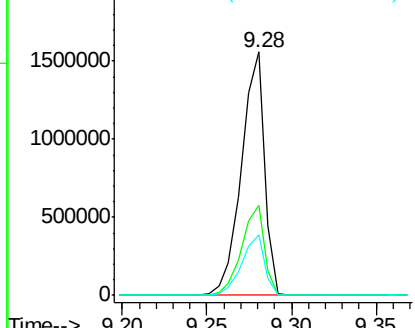
#44
 2-Fluorobiphenyl
 Concen: 86.26 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1489014
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.9 19.6 29.4

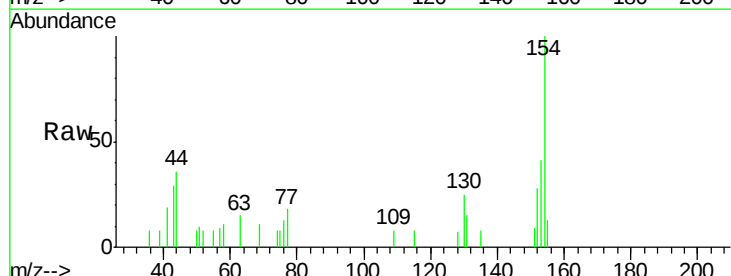


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

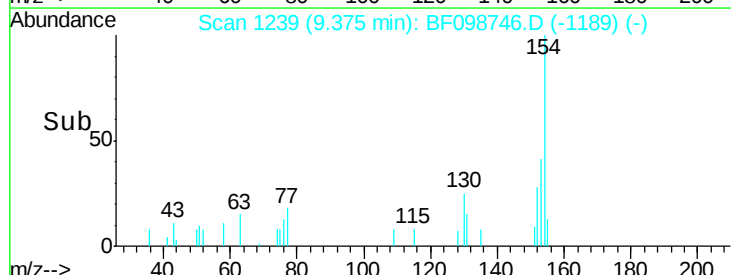
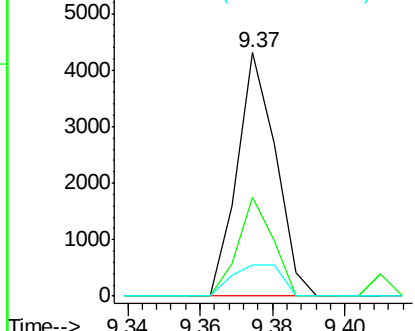


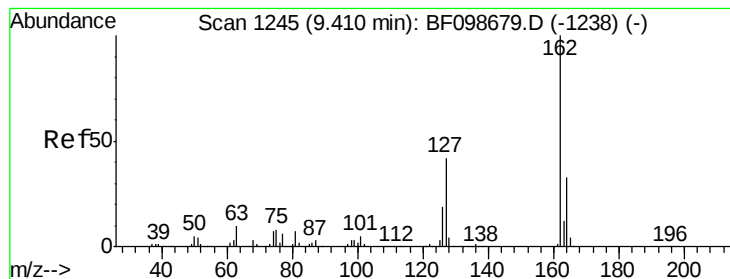
#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:154 Resp: 3175
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 12.7 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: 0.04 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.18 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

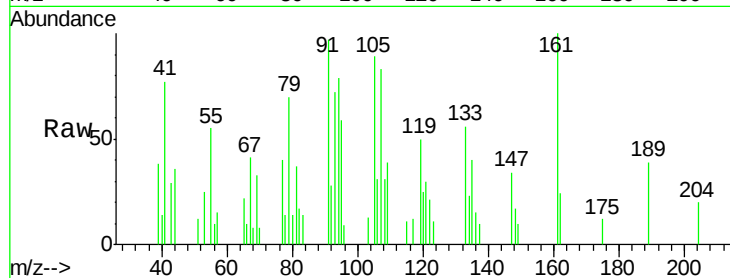
Tot Ion:162 Resp: 651

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

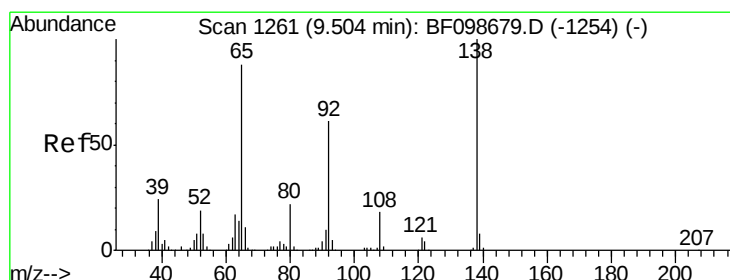
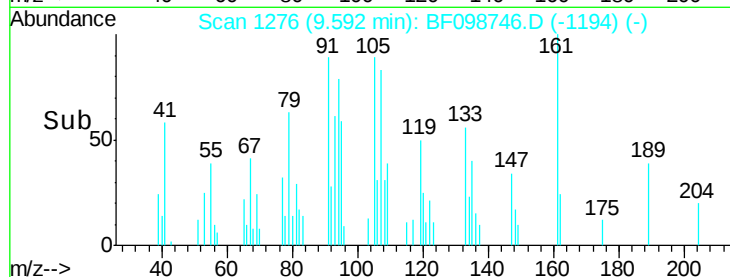
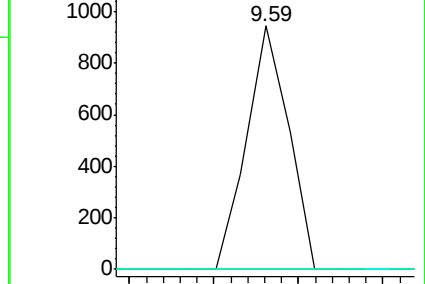
164 0.0 26.5 39.7#



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: 0.02 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.03 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

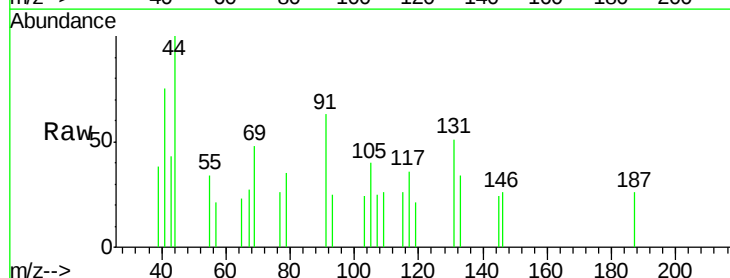
Tgt Ion: 65 Resp: 119

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

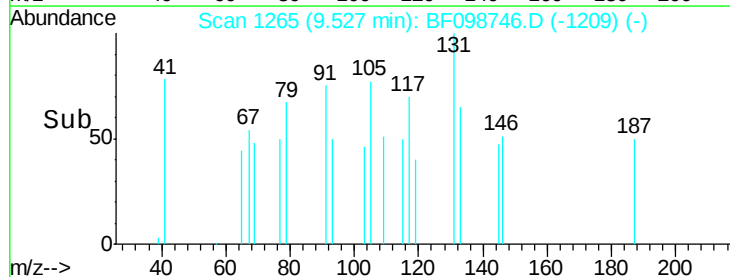
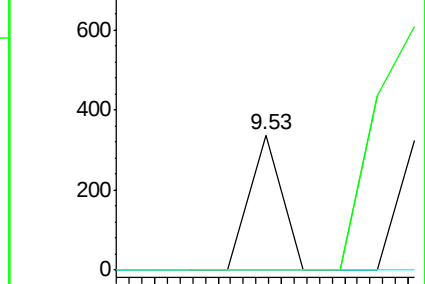
138 0.0 91.2 136.8#

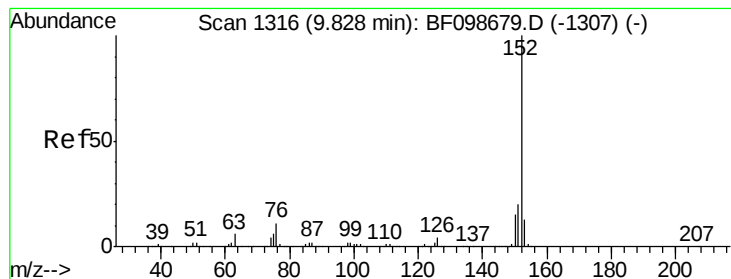


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.19 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

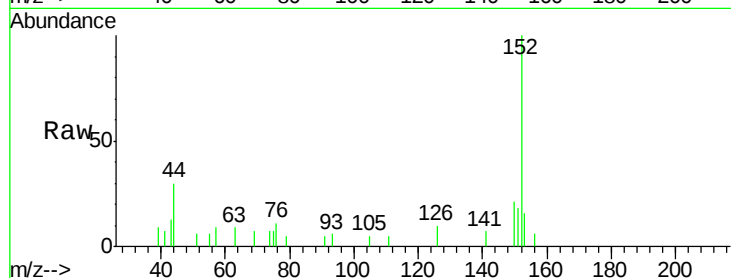
Tot Ion:152 Resp: 5525

Ion Ratio Lower Upper

152 100

151 18.0 16.3 24.5

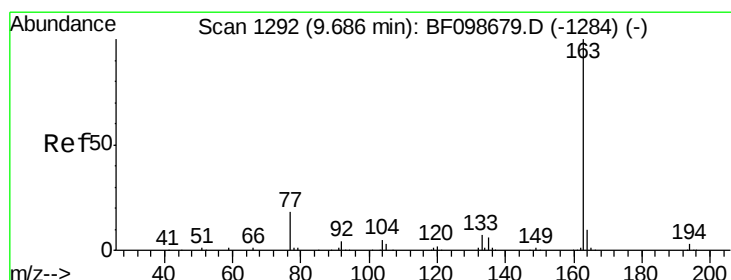
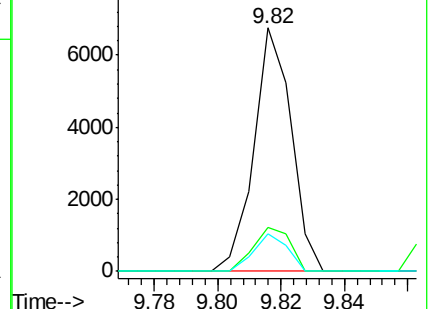
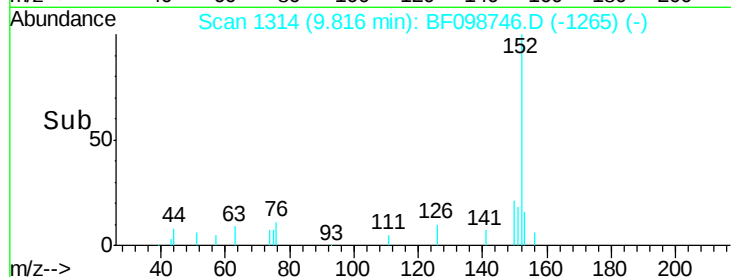
153 15.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.20 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

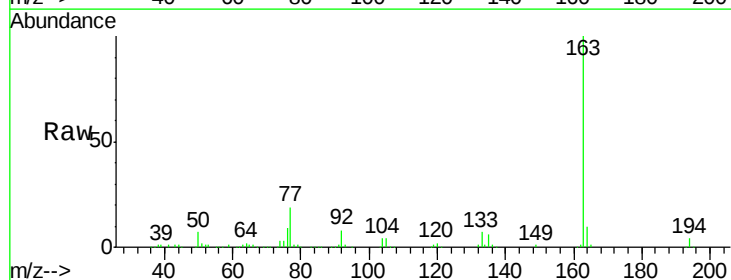
Tgt Ion:163 Resp: 243540

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

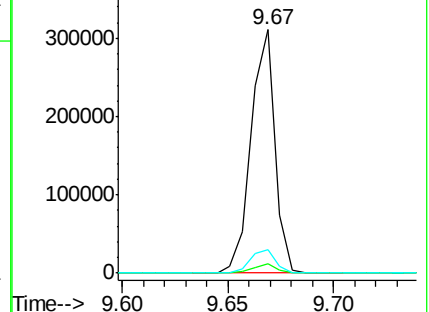
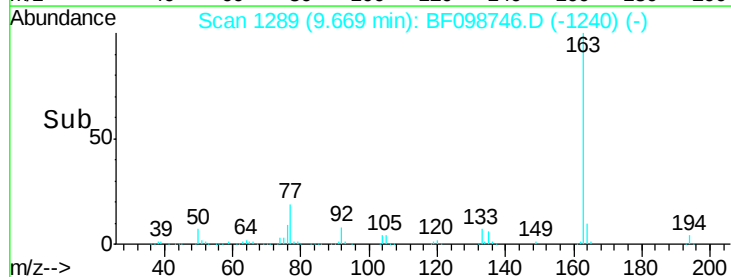
164 9.6 8.2 12.2

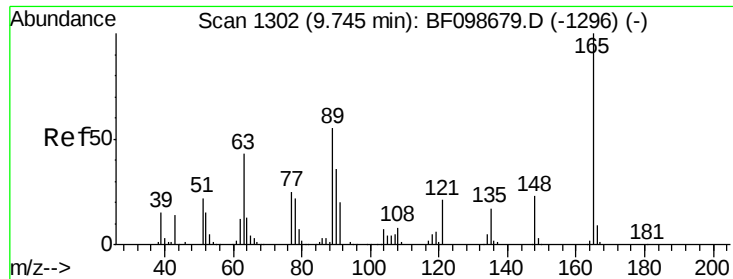


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

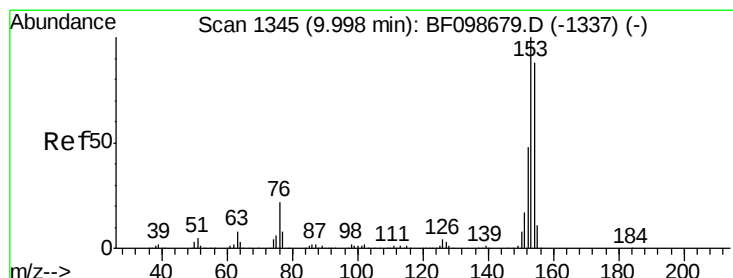
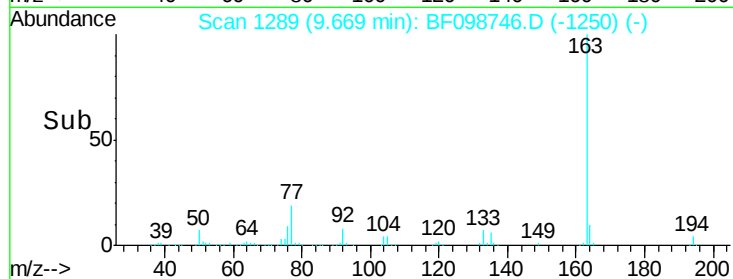
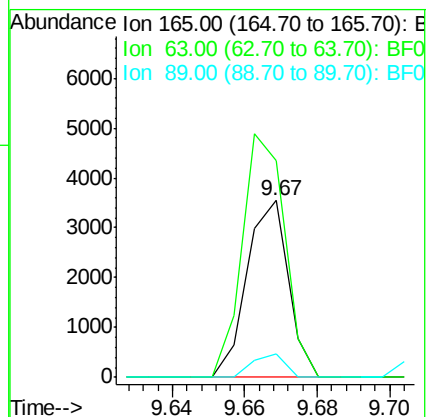
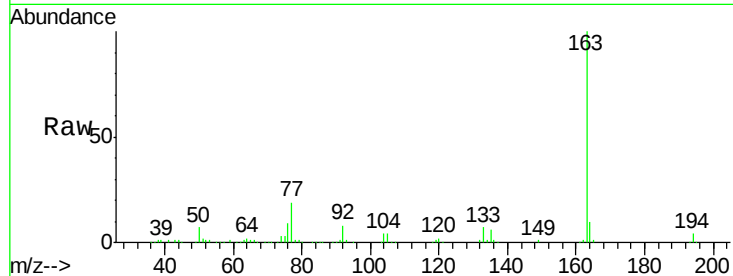




#50
2,6-Dinitrotoluene
Concen: 0.59 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

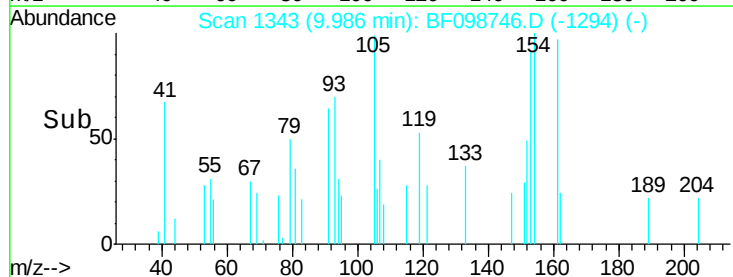
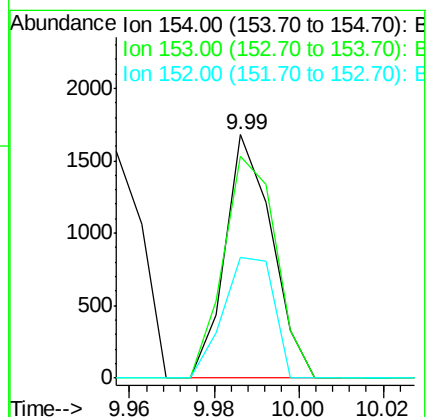
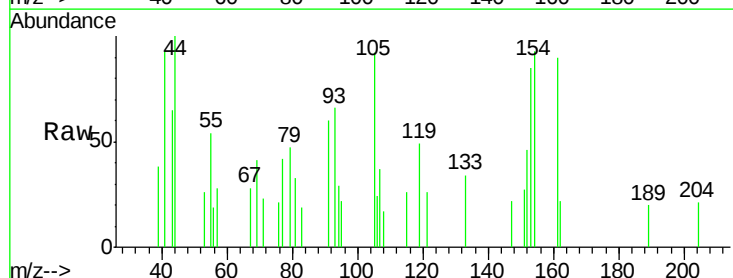
Instrument :
BNA_F
ClientSampleId :

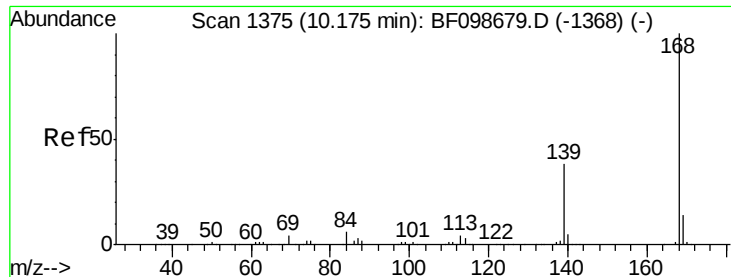
Tot Ion:165 Resp: 2811
Ion Ratio Lower Upper
165 100
63 122.6 44.7 67.1#
89 13.6 44.0 66.0#



#51
Acenaphthene
Concen: 0.07 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:154 Resp: 1293
Ion Ratio Lower Upper
154 100
153 91.1 91.2 136.8#
152 49.4 43.8 65.8

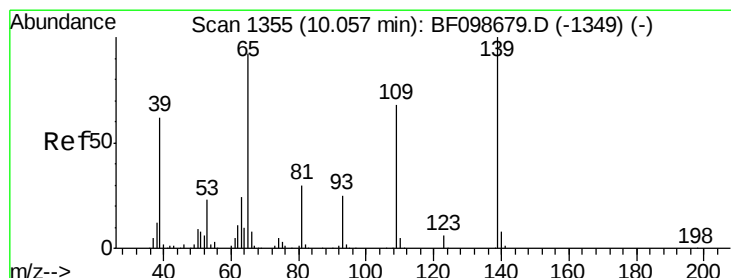
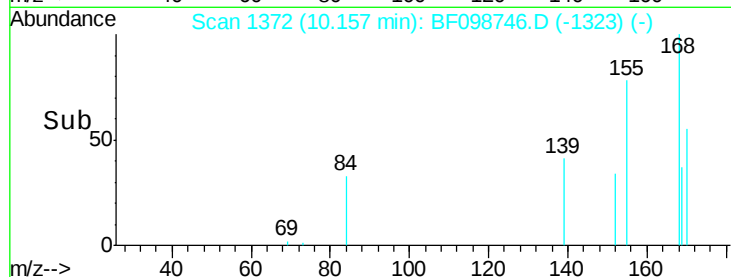
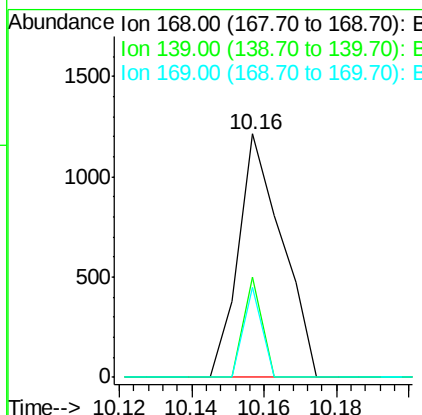
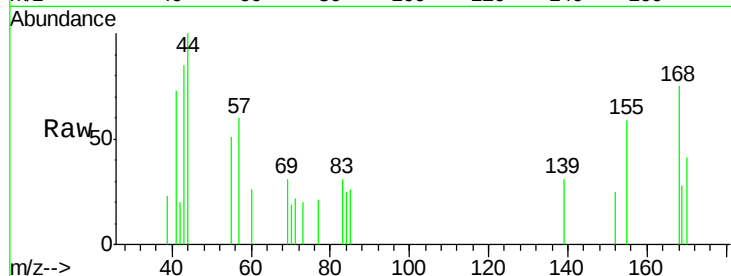




#54
Dibenzofuran
Concen: 0.04 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

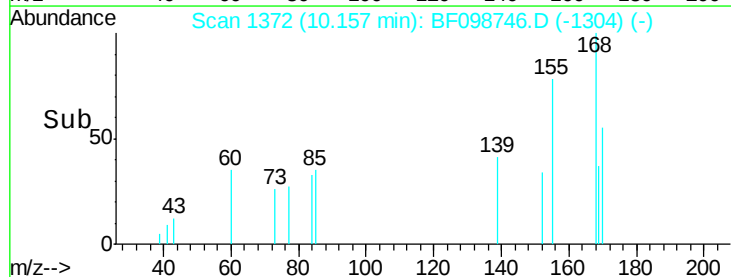
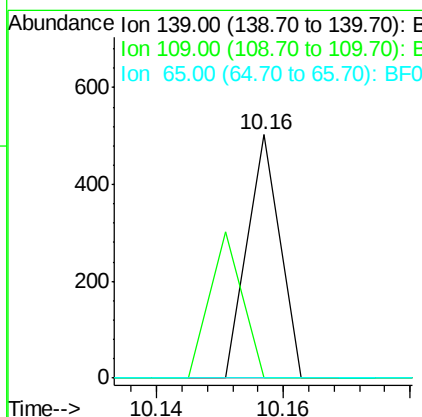
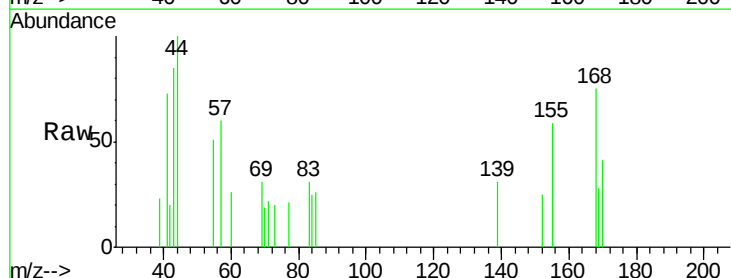
Instrument :
BNA_F
ClientSampleId :

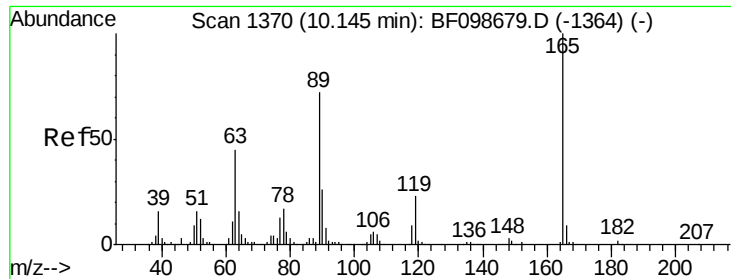
Tot Ion:168 Resp: 1015
Ion Ratio Lower Upper
168 100
139 41.4 30.1 45.1
169 36.9 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.04 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:139 Resp: 178
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#





#56

2,4-Dinitrotoluene

Concen: 5.98 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.19 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 36760

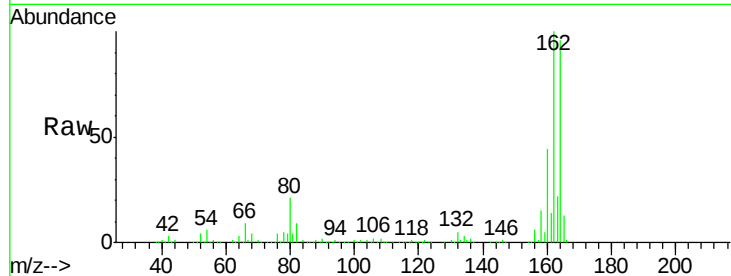
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

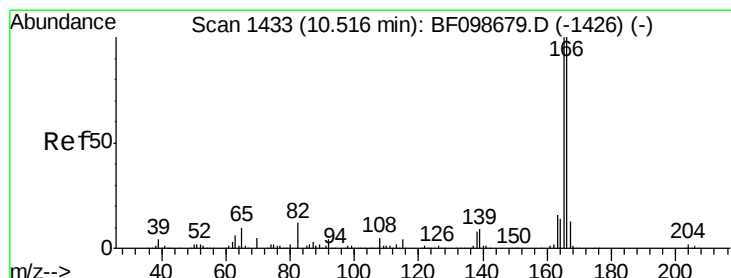
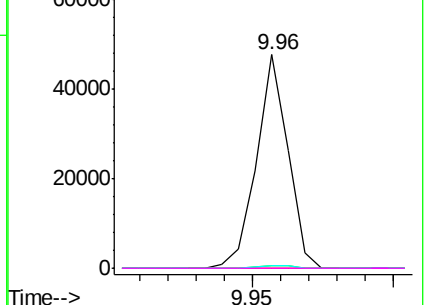
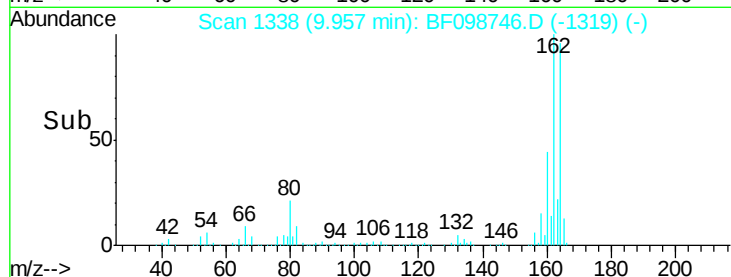


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.09 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

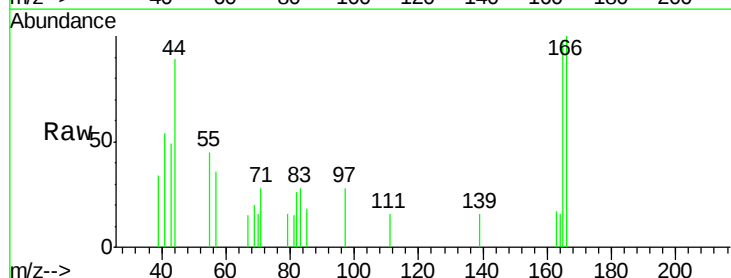
Tgt Ion:166 Resp: 1732

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

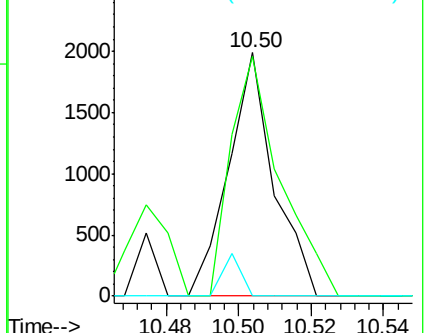
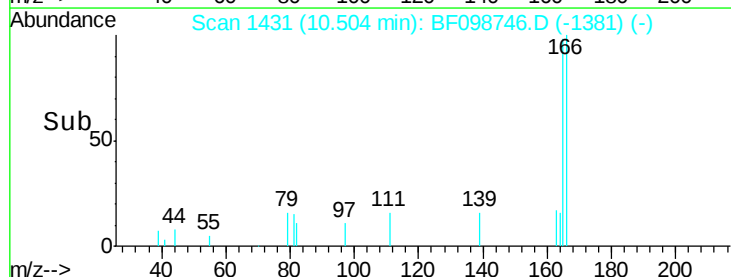
167 0.0 10.6 16.0#

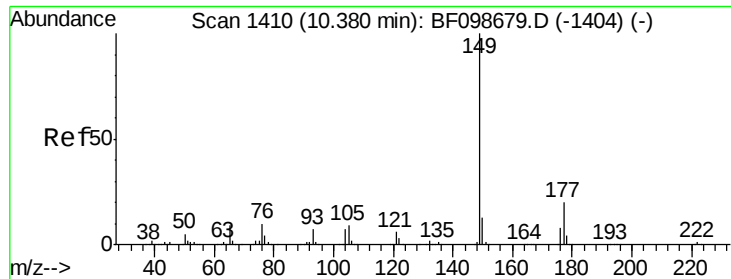


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

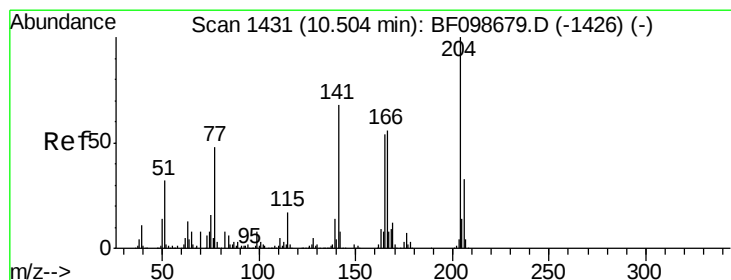
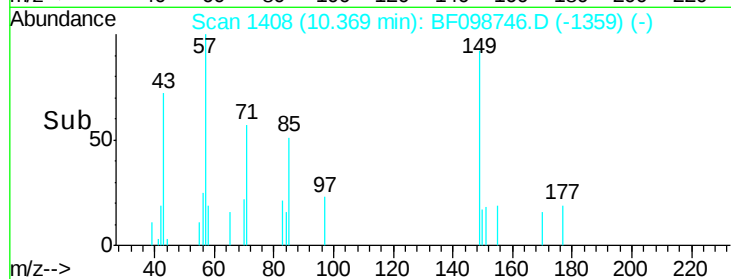
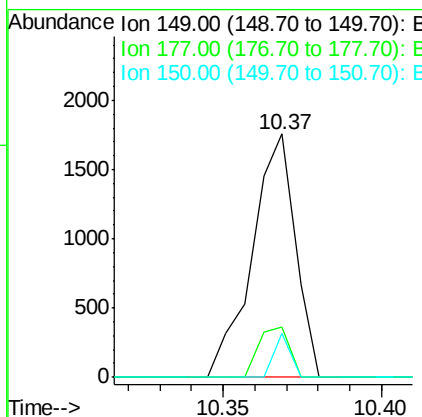
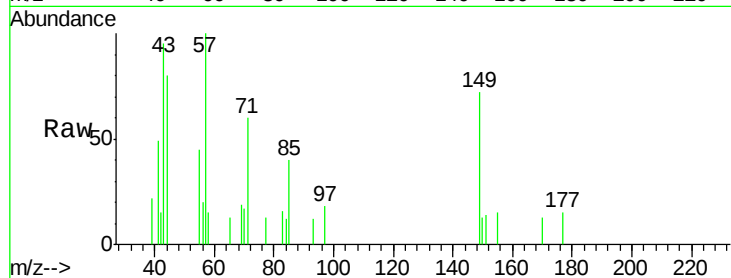




#59
Diethylphthalate
Concen: 0.08 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

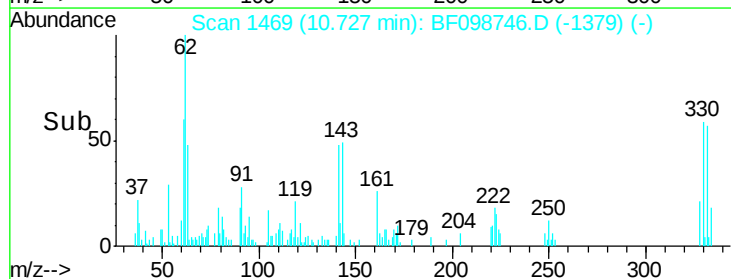
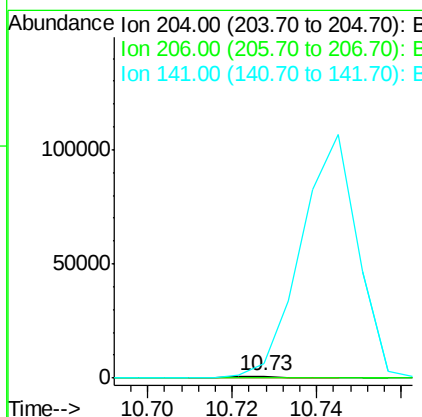
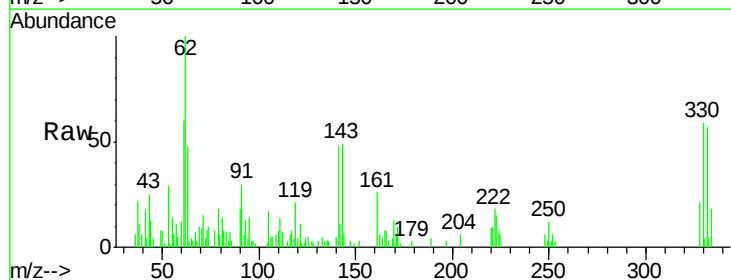
Instrument :
BNA_F
ClientSampled :

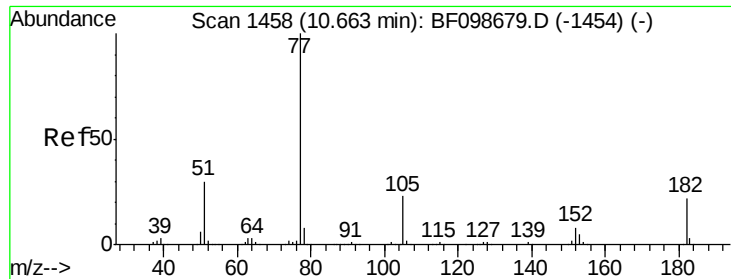
Tot Ion:149 Resp: 1669
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 18.0 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.07 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.23 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:204 Resp: 640
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 846.0 54.6 81.8#





#62

Azobenzene

Concen: 0.05 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 960

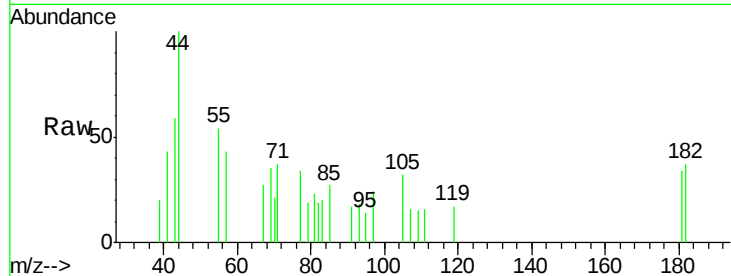
Ion Ratio Lower Upper

77 100

182 110.1 1.7 41.7#

105 94.3 3.0 43.0#

51 0.0 9.9 49.9#

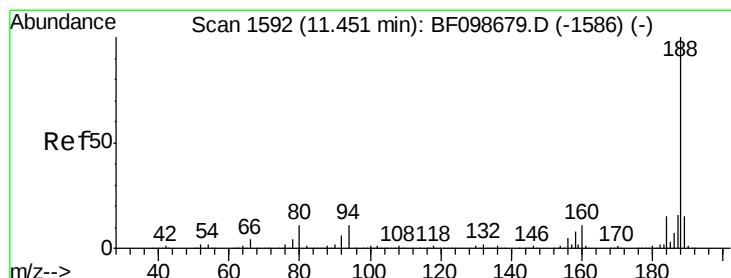
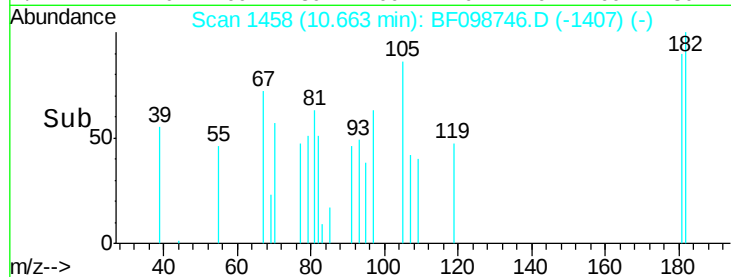
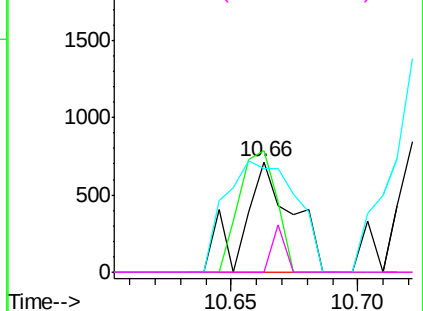


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

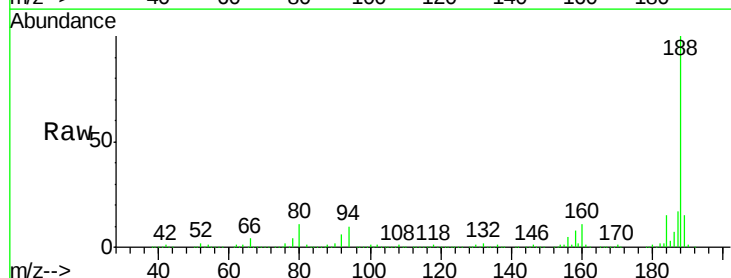
Tgt Ion: 188 Resp: 422367

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

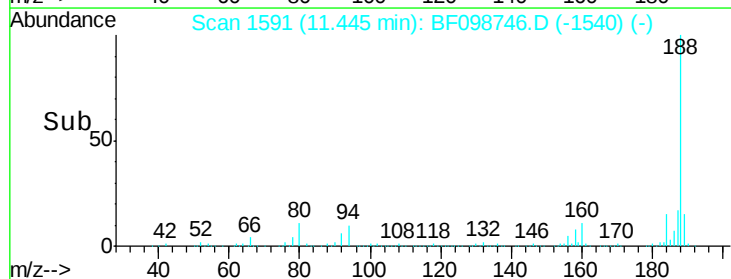
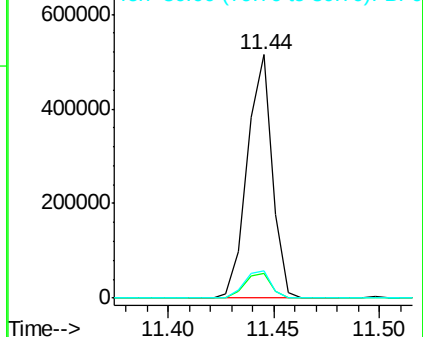
80 11.1 9.2 13.8

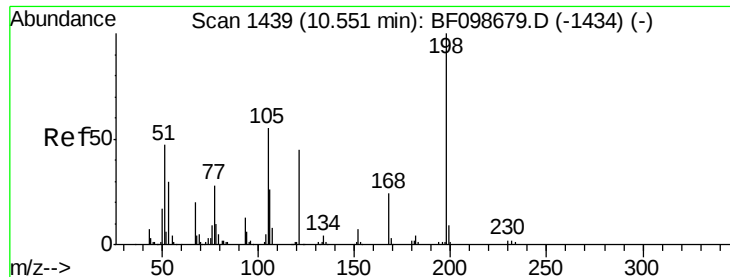


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

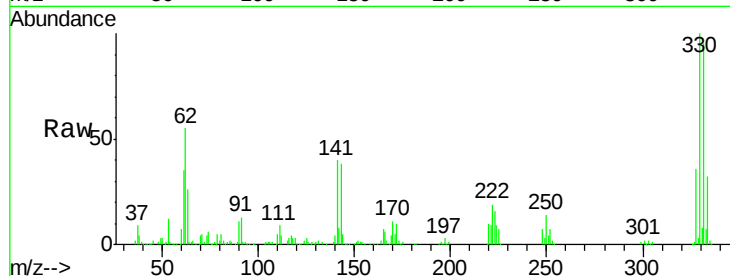




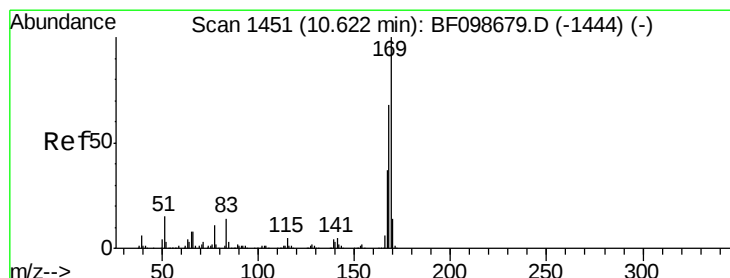
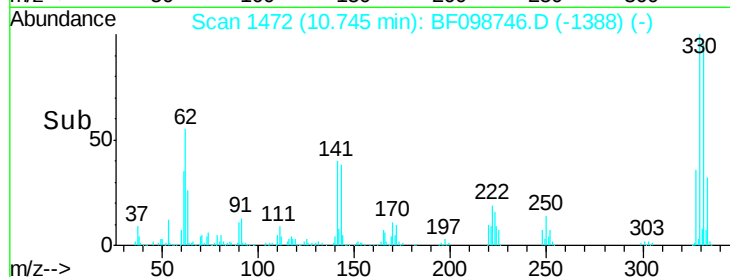
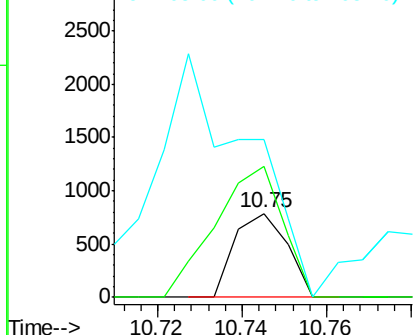
#64
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.19 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 155.5 37.7 77.7#
105 187.3 36.3 76.3#

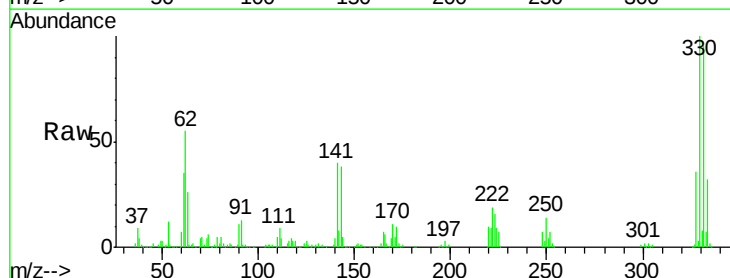


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

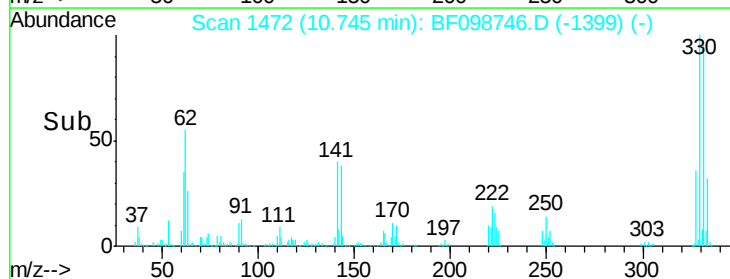
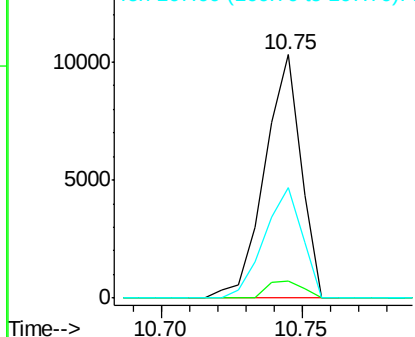


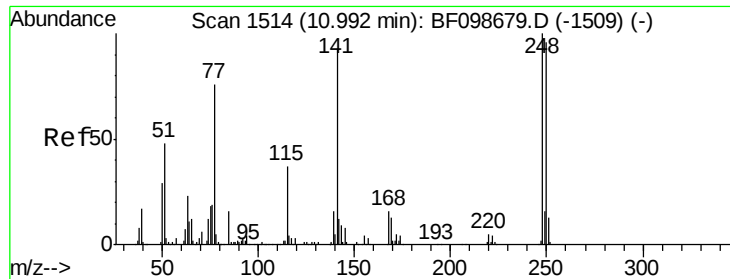
#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:169 Resp: 9184
Ion Ratio Lower Upper
169 100
168 6.9 54.4 81.6#
167 45.4 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

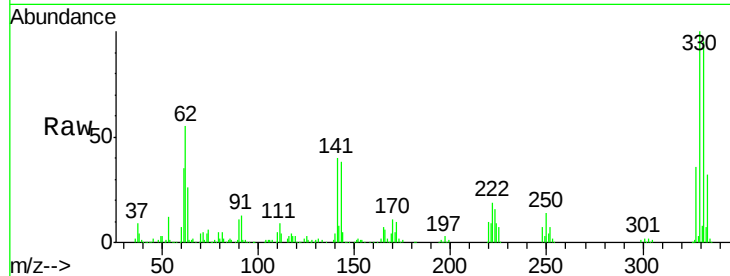




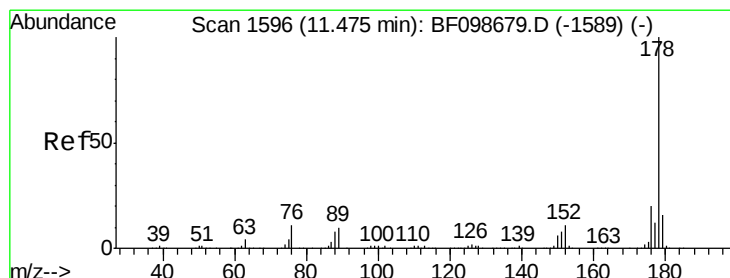
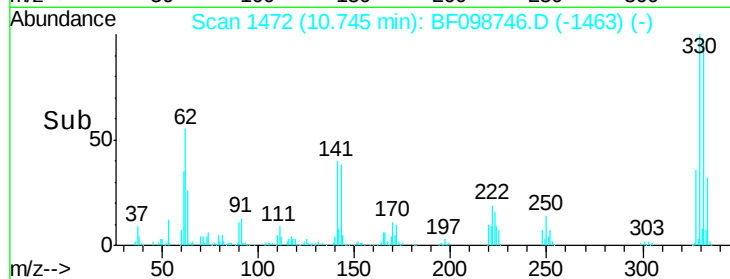
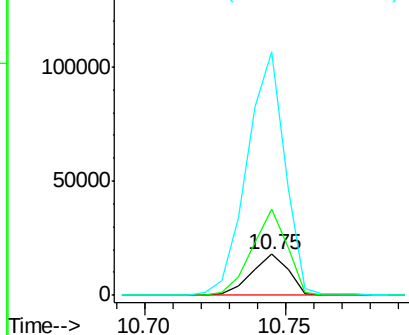
#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.25 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16281
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.9 115.3#
 141 596.8 74.4 111.6#

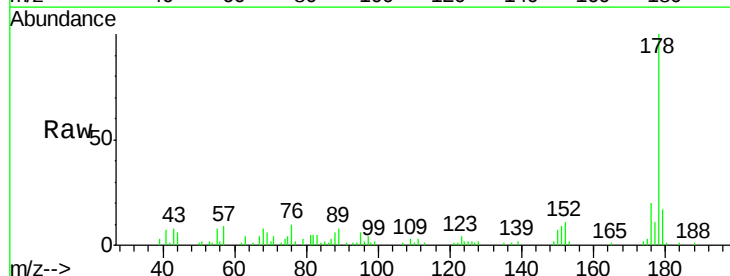


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

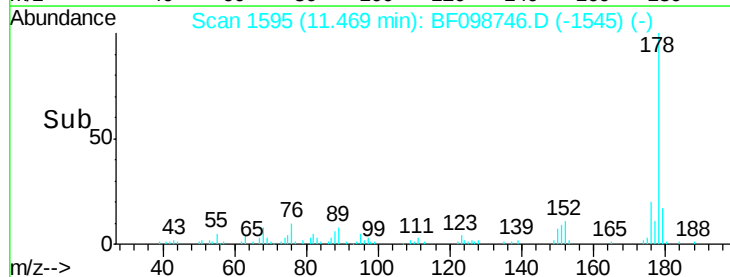
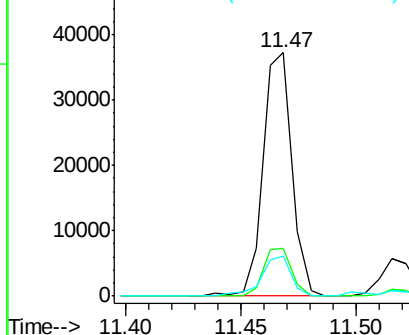


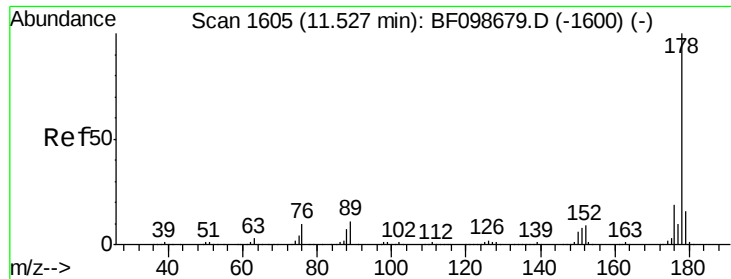
#70
 Phenanthrene
 Concen: 1.44 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:178 Resp: 32469
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.7 13.0 19.6



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

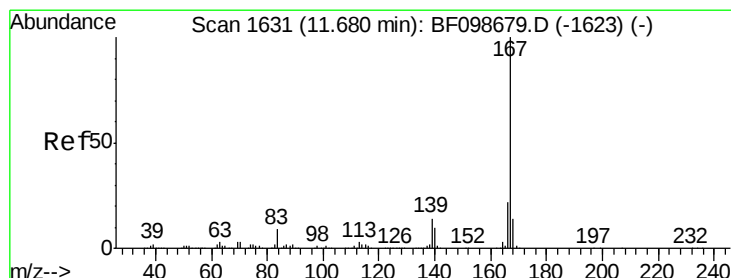
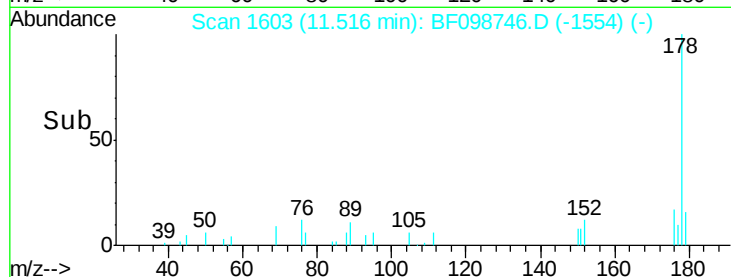
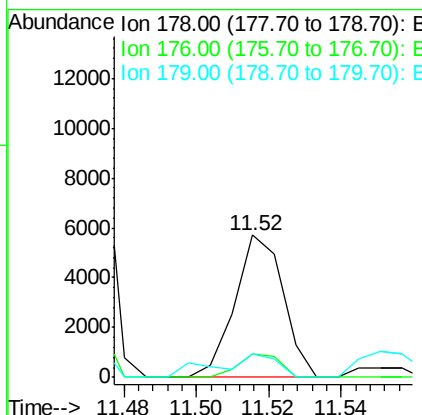
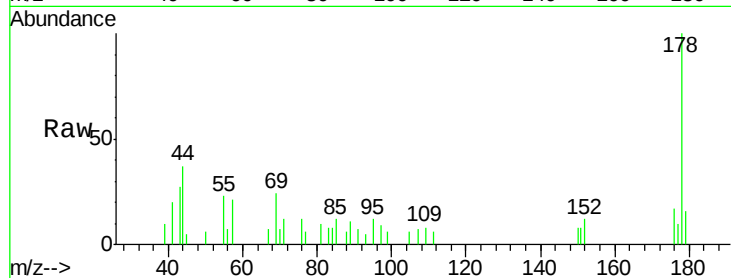




#71
 Anthracene
 Concen: 0.23 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

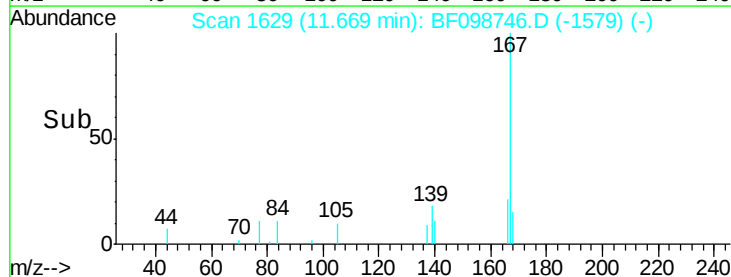
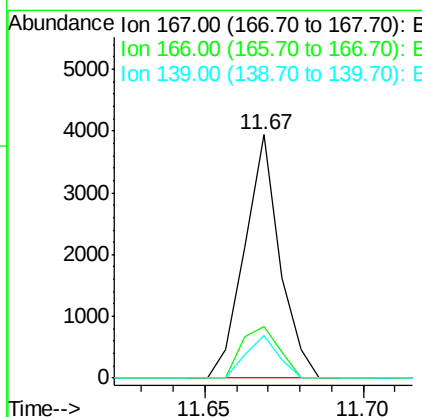
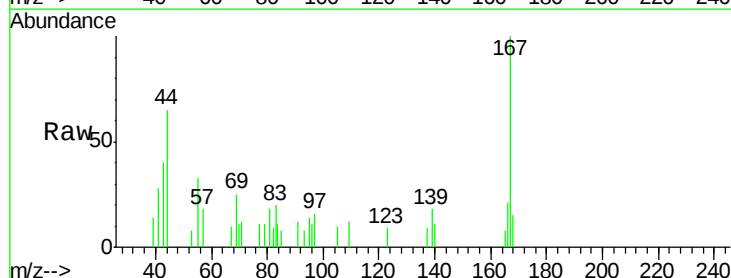
Instrument :
 BNA_F
 ClientSampleId :

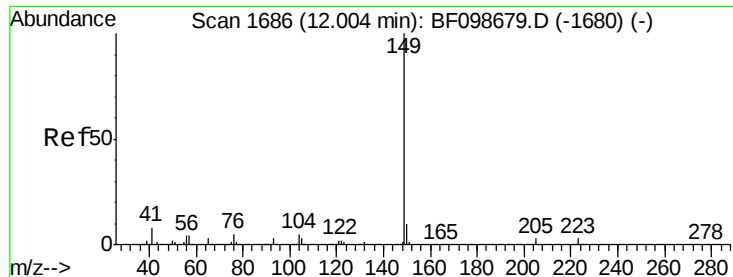
Tot Ion:178 Resp: 5293
 Ion Ratio Lower Upper
 178 100
 176 16.8 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 0.13 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:167 Resp: 3052
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 17.7 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

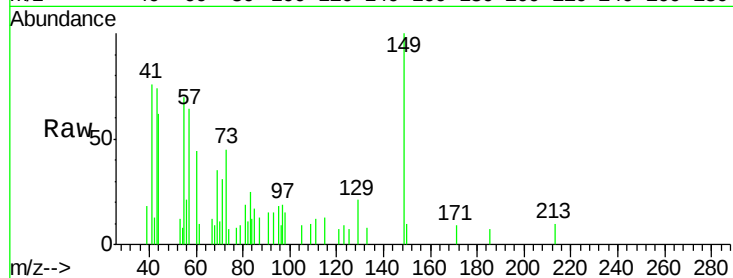
Tot Ion:149 Resp: 3411

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

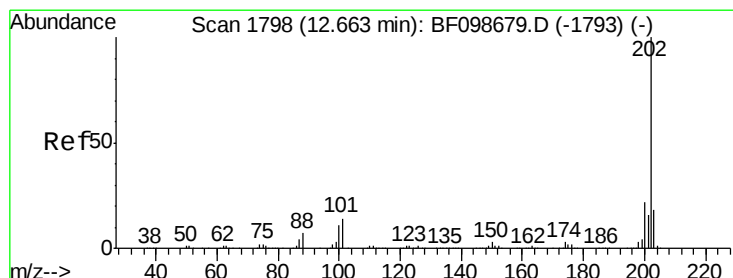
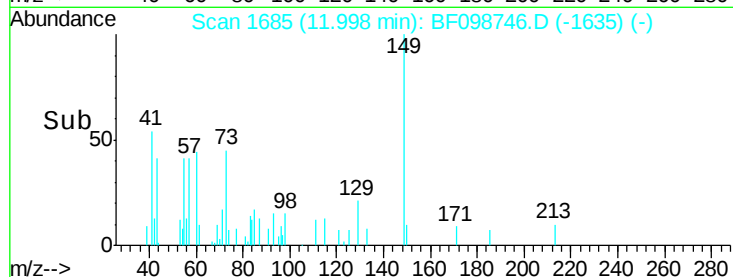
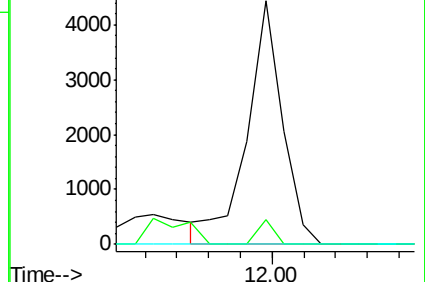
104 0.0 3.8 5.8#



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: 2.65 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

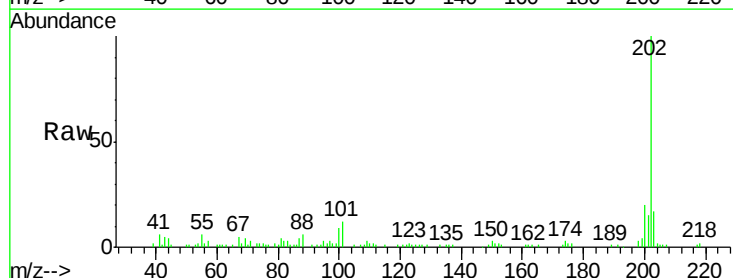
Tgt Ion:202 Resp: 60644

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

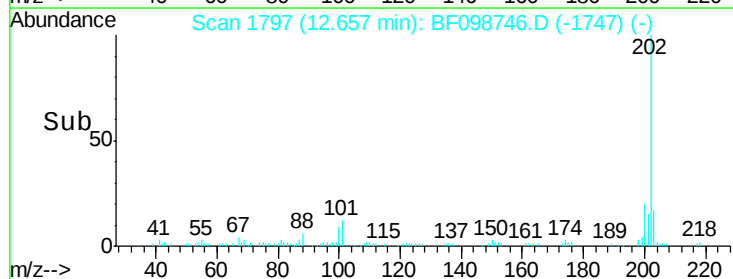
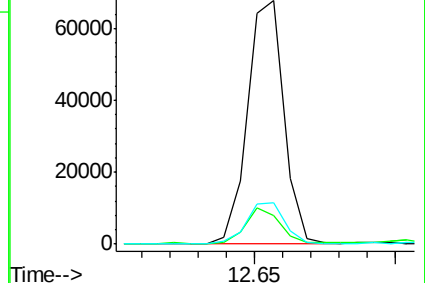
203 16.8 0.0 38.1

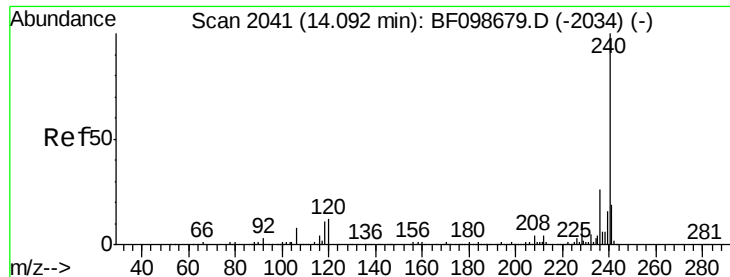


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

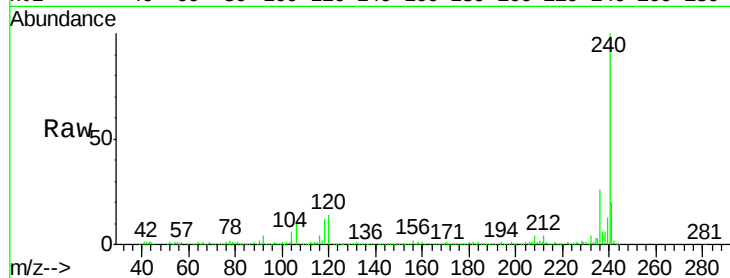
Tot Ion:240 Resp: 272296

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

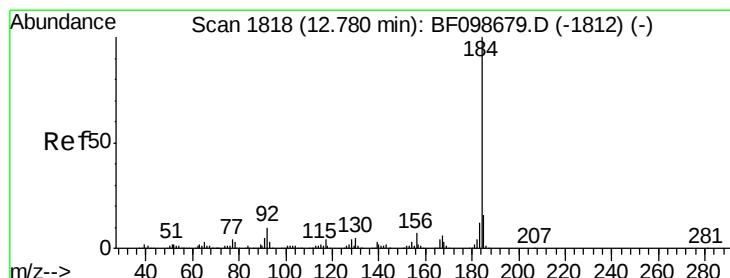
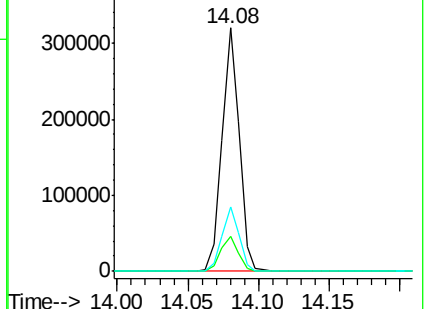
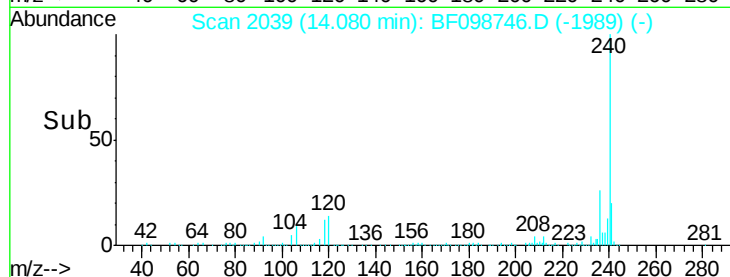
236 26.2 20.7 31.1



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: 1.33 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.25 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

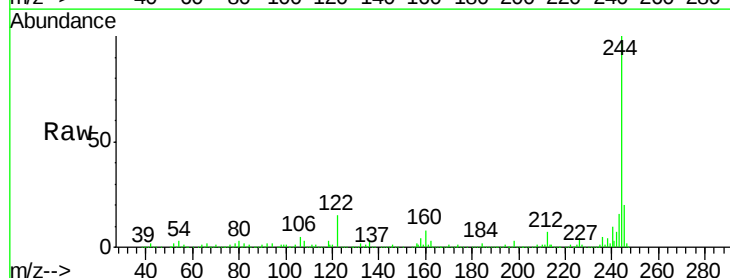
Tgt Ion:184 Resp: 13387

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

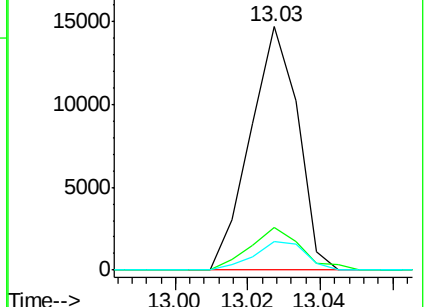
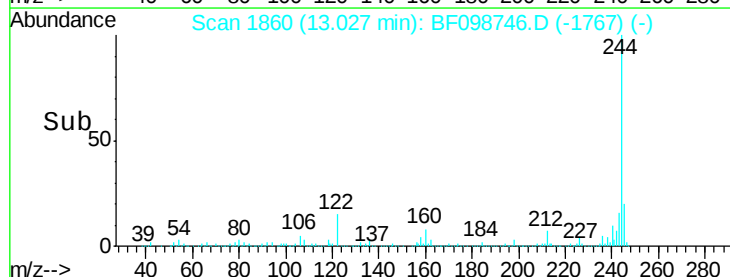
183 12.0 9.3 13.9

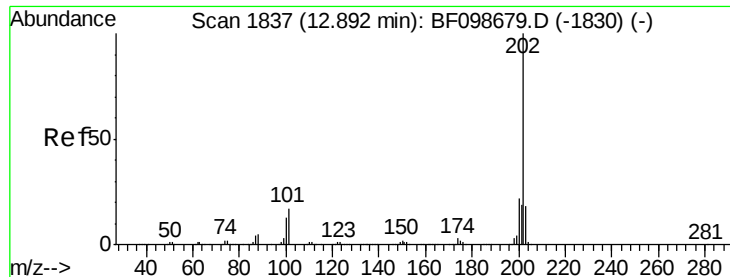


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.85 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

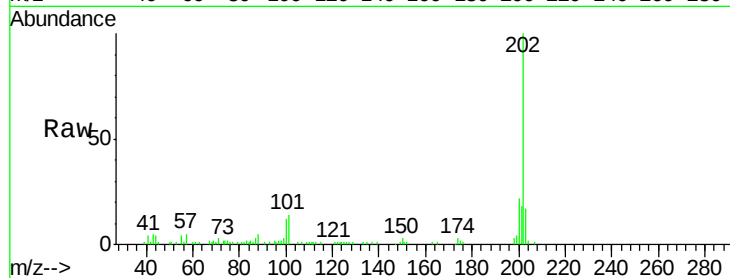
Tot Ion:202 Resp: 59240

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

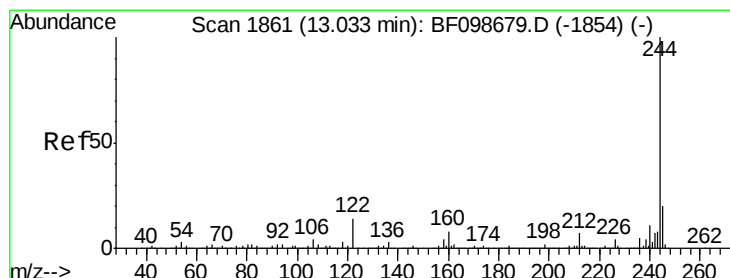
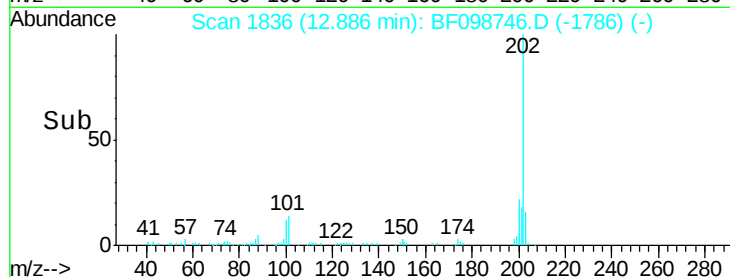
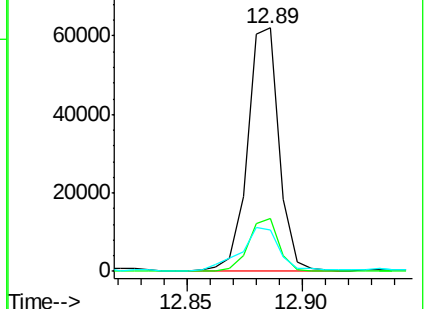
203 17.1 14.3 21.5



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: 75.65 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

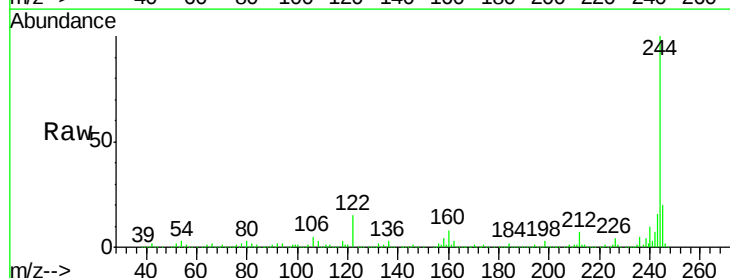
Tgt Ion:244 Resp: 905790

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

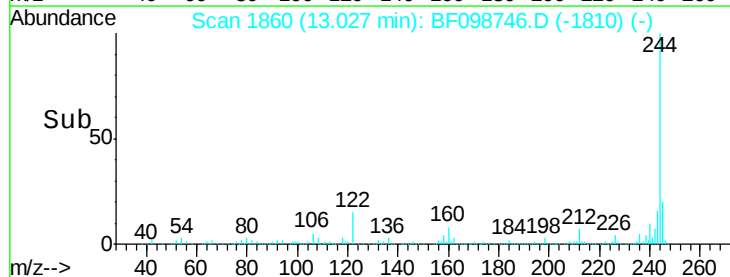
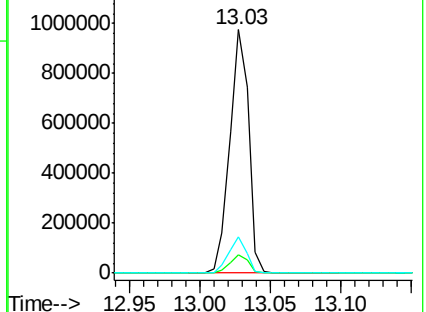
122 14.7 11.0 16.4

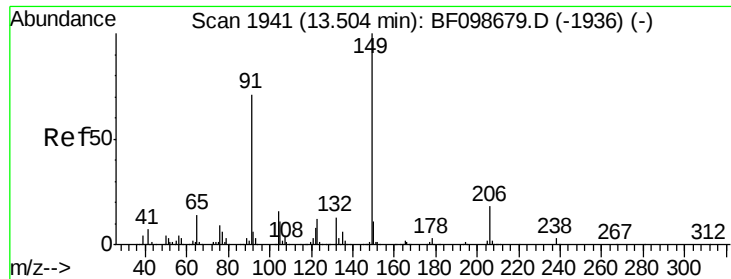


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.37 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

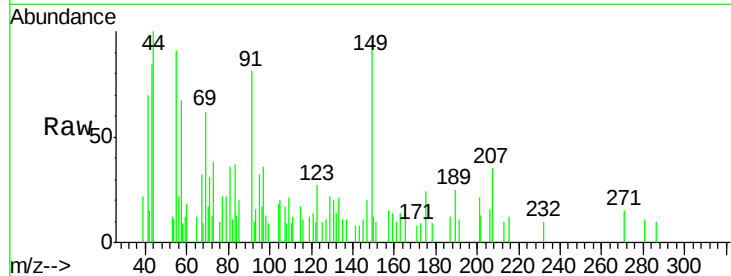
Tot Ion:149 Resp: 3625

Ion Ratio Lower Upper

149 100

91 83.6 56.8 85.2

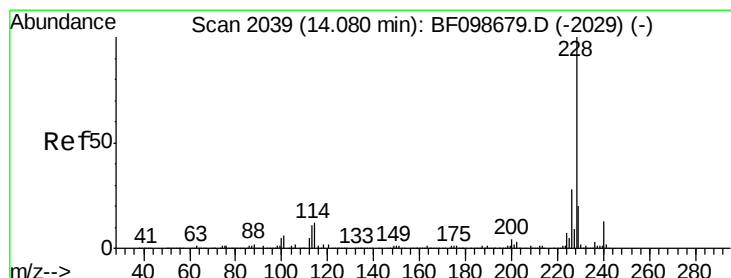
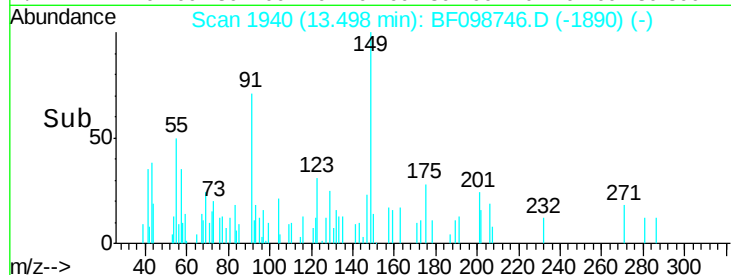
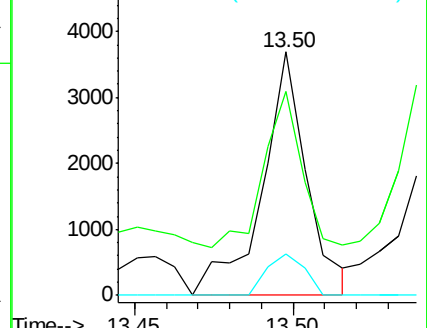
206 17.1 14.1 21.1



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: 1.43 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

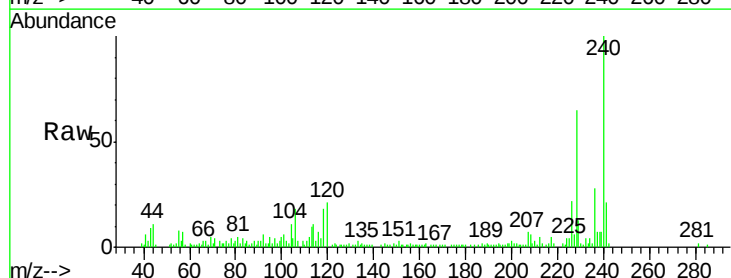
Tgt Ion:228 Resp: 23627

Ion Ratio Lower Upper

228 100

226 33.2 22.6 33.8

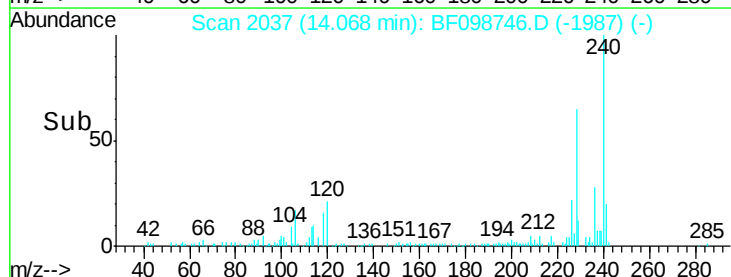
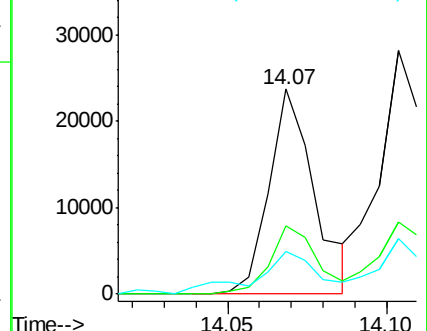
229 20.5 15.8 23.6

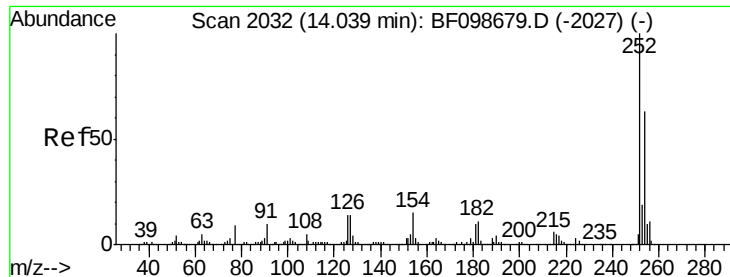


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

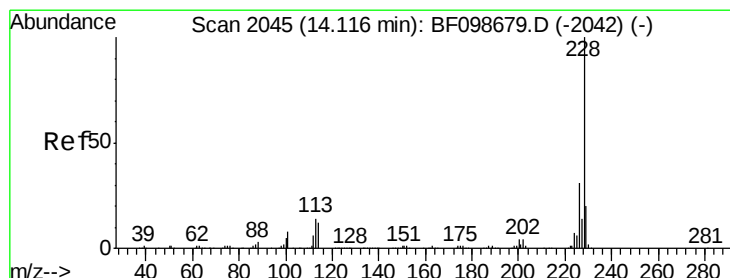
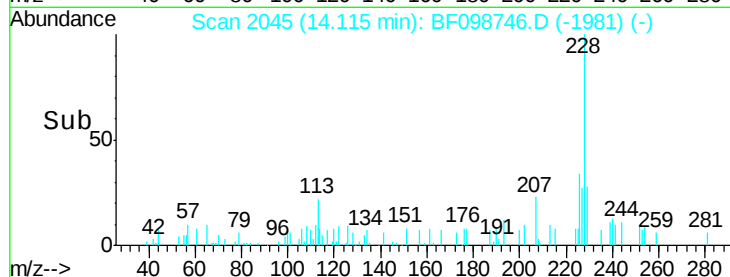
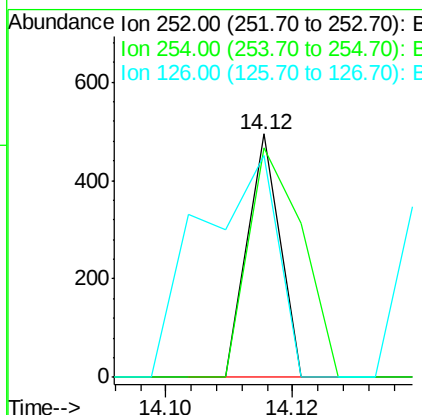
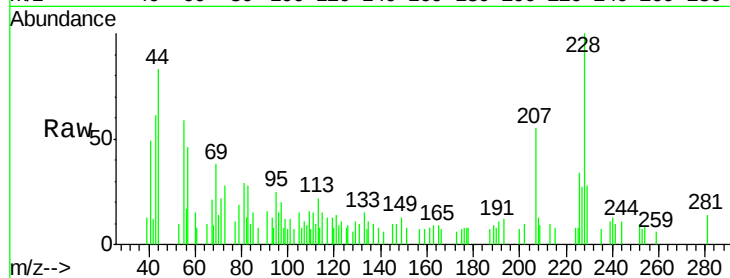




#81
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.08 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

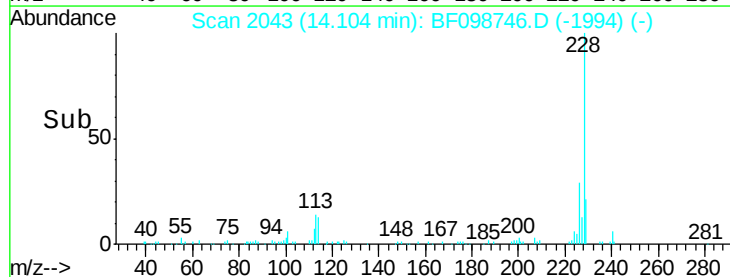
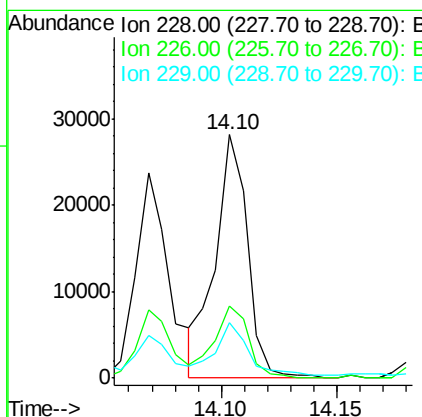
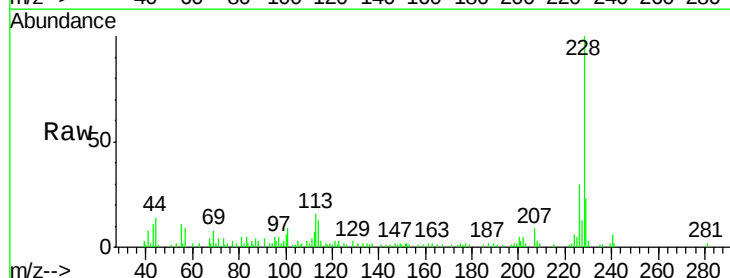
Instrument :
 BNA_F
 ClientSampleId :

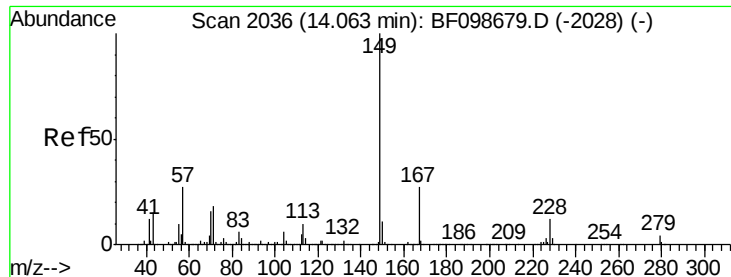
Tot Ion:252 Resp: 175
 Ion Ratio Lower Upper
 252 100
 254 94.1 50.4 75.6#
 126 91.3 11.3 16.9#



#82
 Chrysene
 Concen: 1.75 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:228 Resp: 27417
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.6
 229 22.9 16.2 24.4

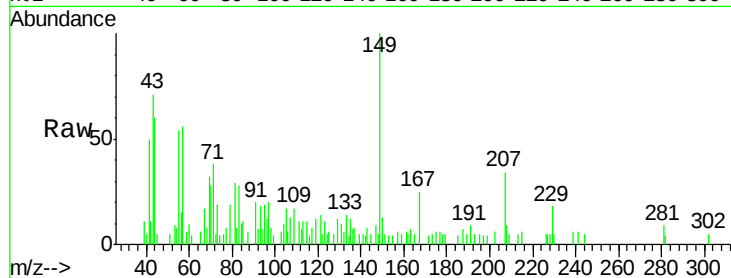




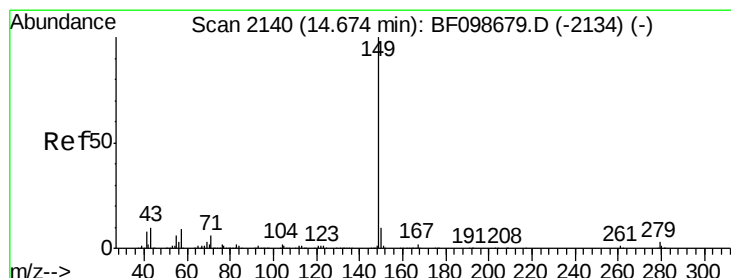
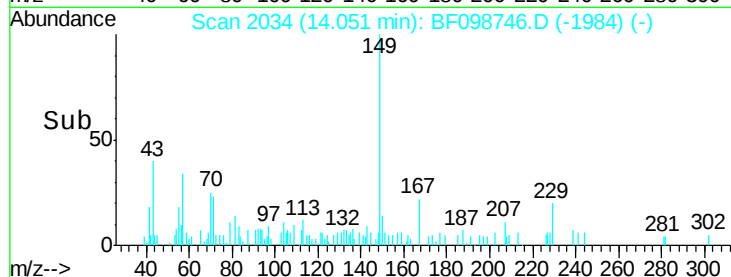
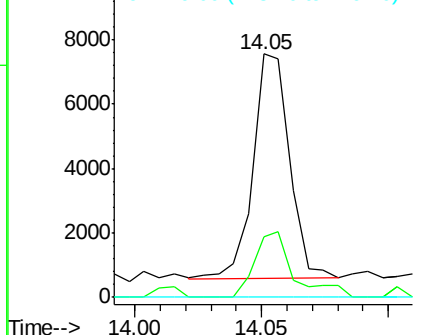
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.52 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 6997
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.3 31.9
 279 0.0 3.0 4.4#

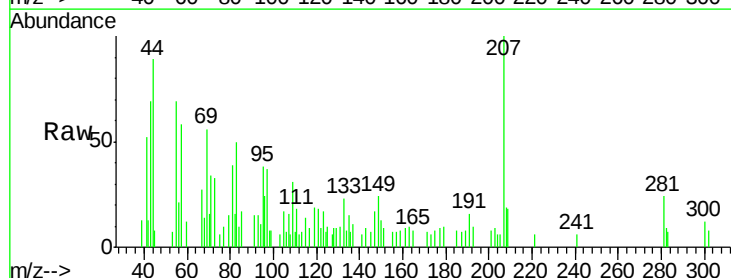


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

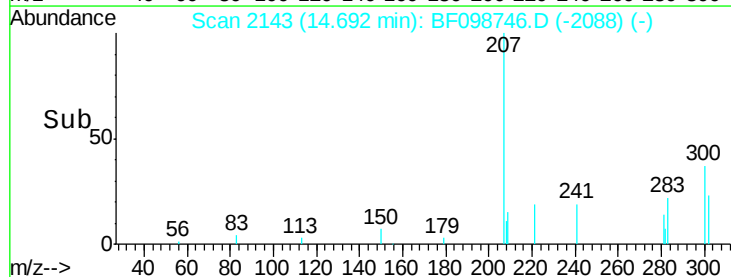
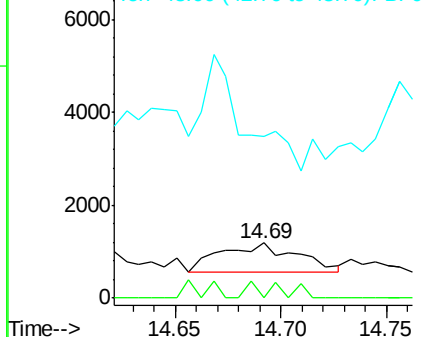


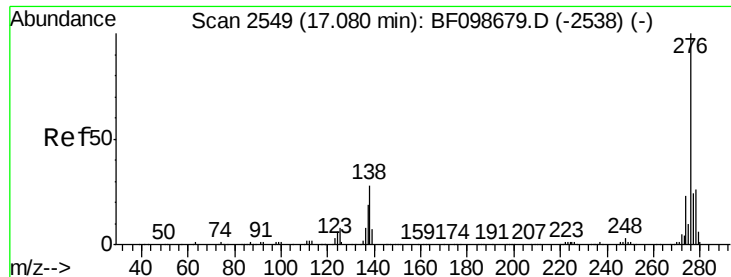
#84
 Di-n-octyl phthalate
 Concen: 0.07 ng
 RT: 14.69 min Scan# 2143
 Delta R.T. 0.02 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:149 Resp: 1555
 Ion Ratio Lower Upper
 149 100
 167 8.0 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





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.22 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampled :

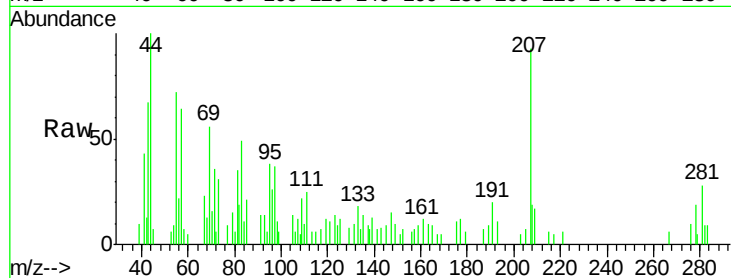
Tot Ion:276 Resp: 1081

Ion Ratio Lower Upper

276 100

138 27.3 25.0 37.6

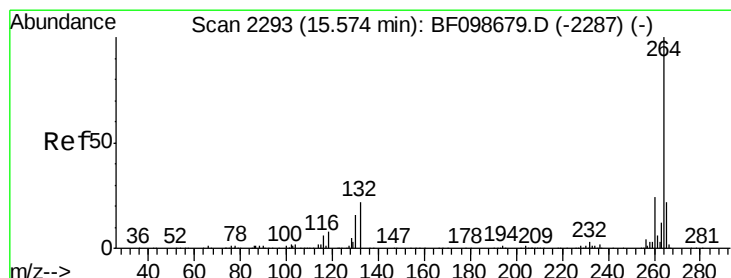
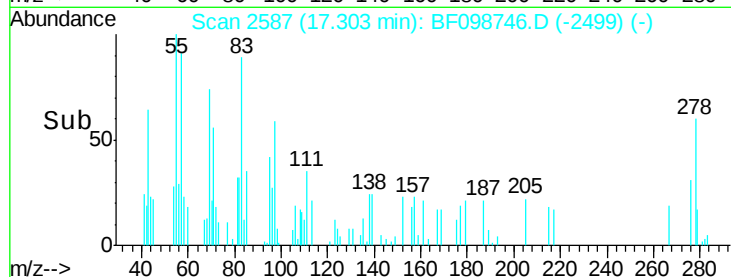
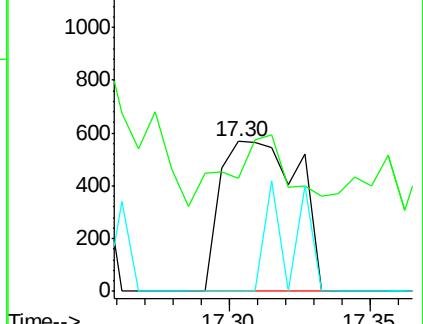
277 26.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

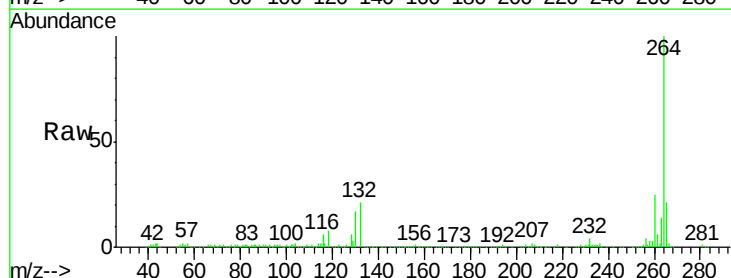
Tgt Ion:264 Resp: 266052

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

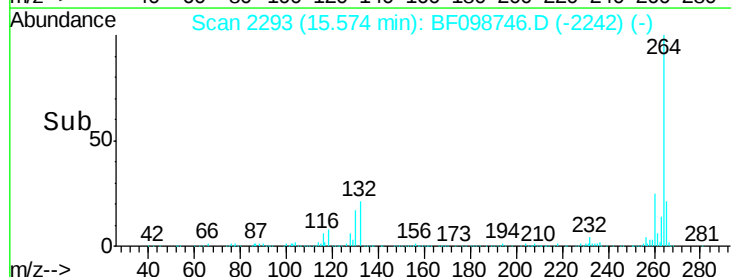
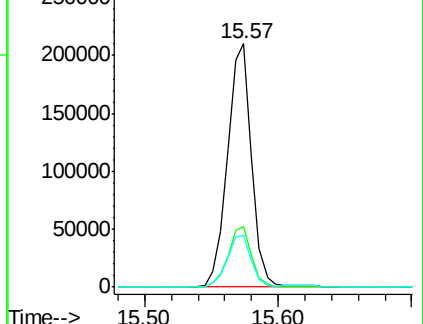
265 21.1 17.5 26.3

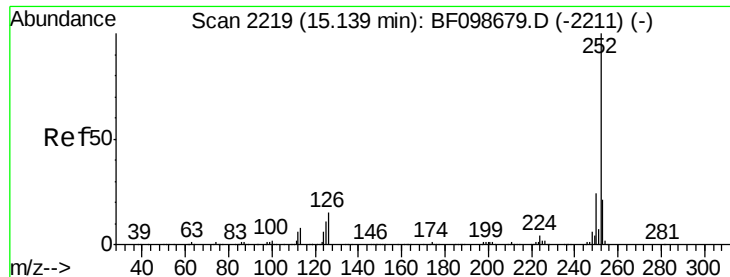


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

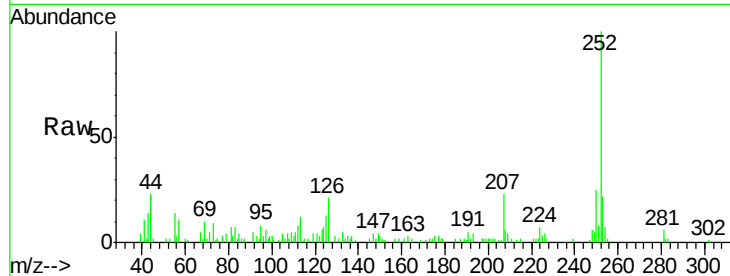




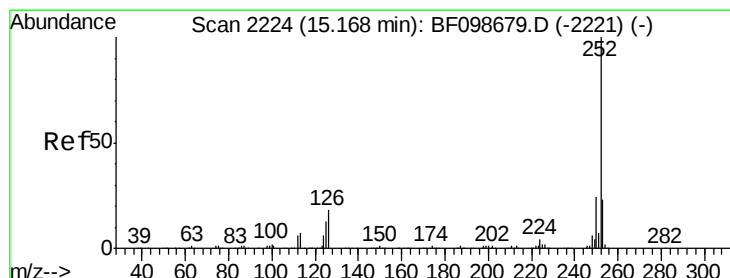
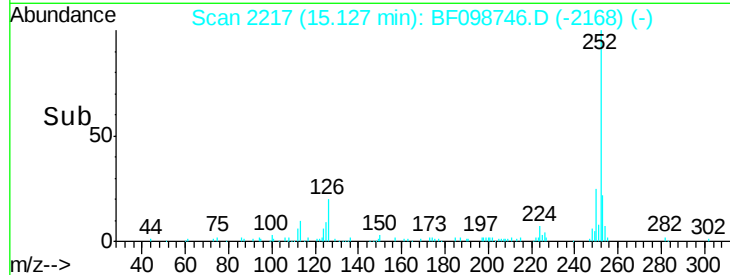
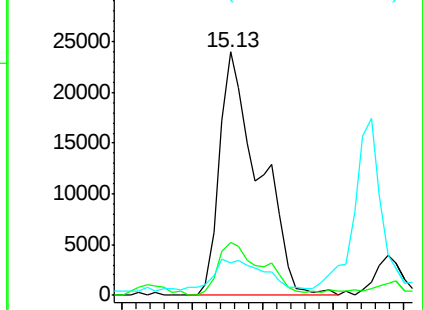
#87
Benzo(b)fluoranthene
Concen: 2.87 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 47006
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.4 9.0 13.6

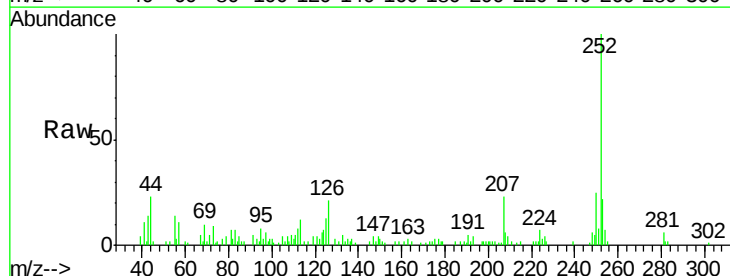


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

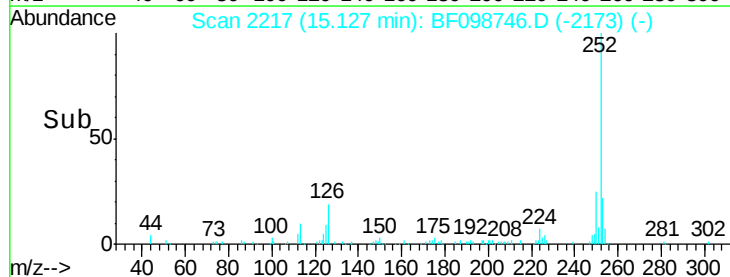
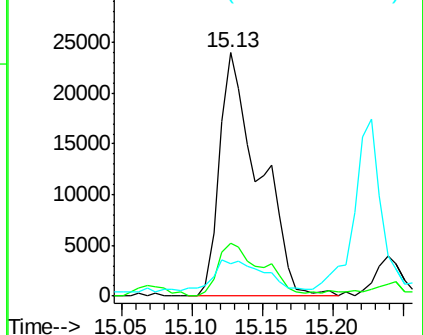


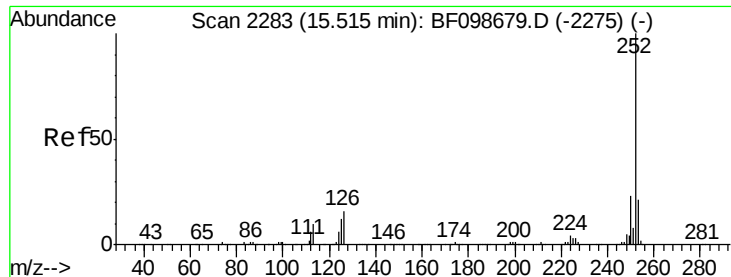
#88
Benzo(k)fluoranthene
Concen: 2.91 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:252 Resp: 47006
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.4 10.2 15.2



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

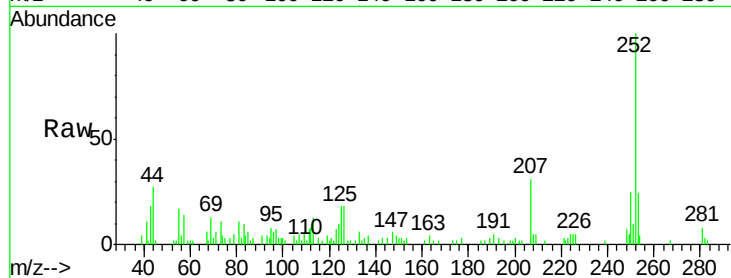




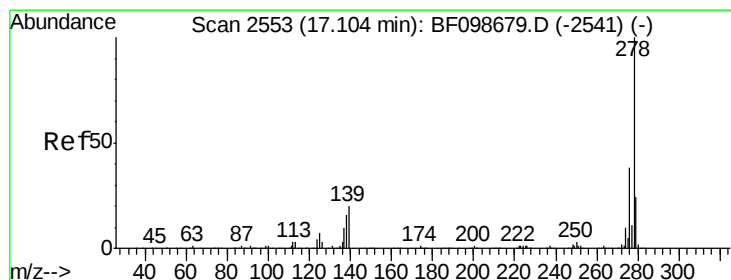
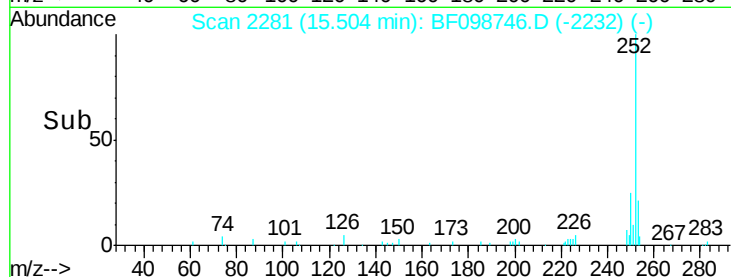
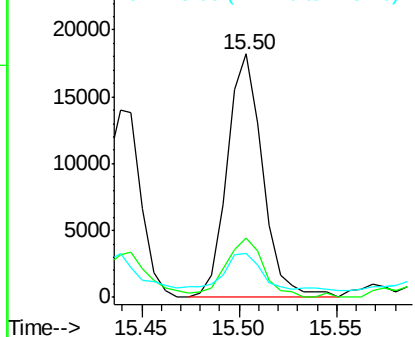
#89
Benzo(a)pyrene
Concen: 1.53 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 22905
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 17.9 9.8 14.6#

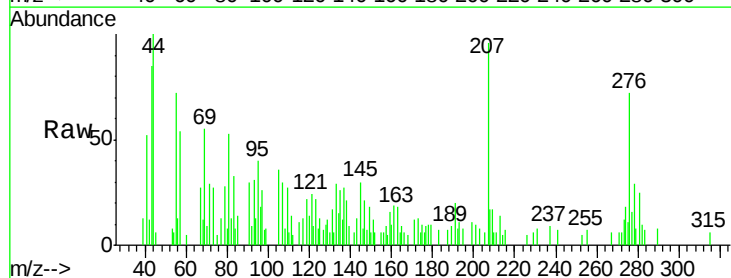


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

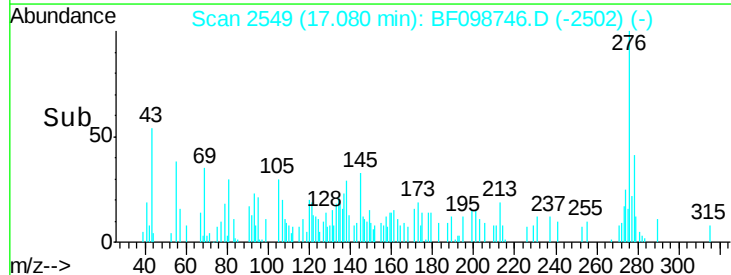
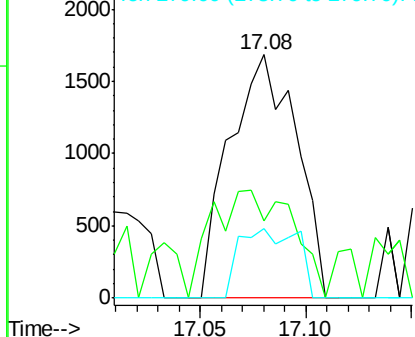


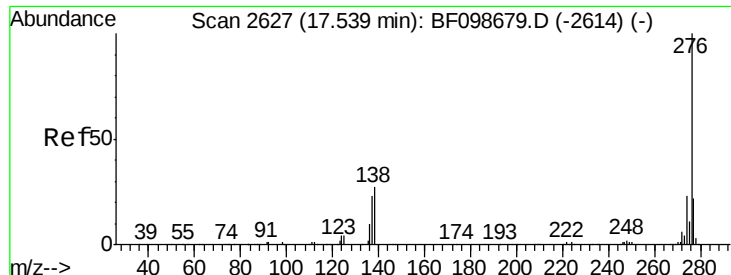
#90
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.02 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion:278 Resp: 3716
Ion Ratio Lower Upper
278 100
139 31.9 15.9 23.9#
279 28.8 19.0 28.4#



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

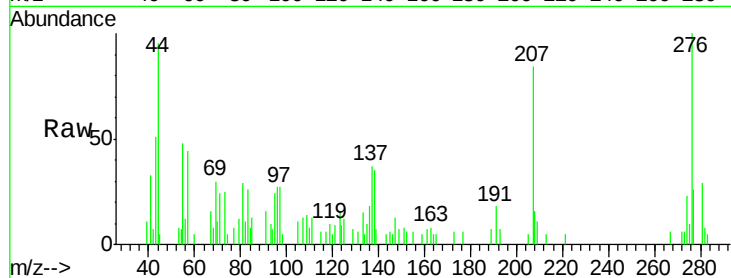




#91
 Benzo(a,h,i)perylene
 Concen: 1.16 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.02 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 13800
 Ion Ratio Lower Upper
 276 100
 277 25.6 17.9 26.9
 138 35.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

