

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098747.D
 Acq On : 23 Sep 2017 19:04
 Operator : SJ/JU
 Sample : I5340-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:53:42 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	150224	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	611243	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	252191	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	367369	20.00	ng	0.00
75) Chrysene-d12	14.08	240	237060	20.00	ng	0.00
86) Perylene-d12	15.57	264	245474	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1098023	116.36	ng	0.00
7) Phenol-d6	6.55	99	1334156	114.61	ng	0.00
23) Nitrobenzene-d5	7.48	82	824505	86.51	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	211017	102.26	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1302240	86.20	ng	0.00
78) Terphenyl-d14	13.03	244	806596	77.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	133	0.03	ng	# 20
3) Pyridine	3.53	79	110	0.01	ng	# 21
4) n-Nitrosodimethylamine	3.32	42	130	0.03	ng	# 1
6) Aniline	6.56	93	1430	0.09	ng	# 1
8) 2-Chlorophenol	6.70	128	393	0.04	ng	# 1
9) Benzaldehyde	6.69	77	23146	3.43	ng	89
10) Phenol	6.56	94	27529	2.11	ng	93
11) bis(2-Chloroethyl)ether	6.63	93	357	0.04	ng	# 19
12) 1,3-Dichlorobenzene	7.09	146	140	0.01	ng	# 1
13) 1,4-Dichlorobenzene	7.09	146	140	0.01	ng	# 1
14) 1,2-Dichlorobenzene	7.09	146	140	0.01	ng	# 1
15) Benzyl Alcohol	7.07	79	13222	1.55	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.92	45	126	0.01	ng	# 1
17) 2-Methylphenol	7.31	107	625	0.07	ng	# 50
19) n-Nitroso-di-n-propylamine	7.48	70	109470	14.73	ng	# 78
20) 3+4-Methylphenols	7.31	107	625	0.06	ng	# 63
22) Acetophenone	7.32	105	270	0.02	ng	# 54
24) Nitrobenzene	7.48	77	2381	0.22	ng	# 32
25) Isophorone	7.48	82	821372	41.68	ng	# 64
27) 2,4-Dimethylphenol	7.87	122	911	0.09	ng	# 4
28) bis(2-Chloroethoxy)methane	8.20	93	135	0.01	ng	# 1
31) Naphthalene	8.22	128	1843	0.06	ng	# 69
32) Benzoic acid	7.87	122	911	0.11	ng	90
33) 4-Chloroaniline	8.23	127	130	0.01	ng	# 46
37) 2-Methylnaphthalene	8.92	142	905	0.05	ng	# 71
45) 1,1'-Biphenyl	9.37	154	2741	0.13	ng	97
46) 2-Chloronaphthalene	9.67	162	2003	0.12	ng	# 1
47) 2-Nitroaniline	9.67	65	2036	0.41	ng	# 1
48) Acenaphthylene	9.82	152	6183	0.25	ng	99
49) Dimethylphthalate	9.67	163	222665	11.70	ng	99
50) 2,6-Dinitrotoluene	9.67	165	2382	0.57	ng	# 18
51) Acenaphthene	9.99	154	1529	0.10	ng	96
54) Dibenzofuran	10.16	168	1079	0.05	ng	# 82
55) 4-Nitrophenol	10.16	139	305	0.07	ng	# 9

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

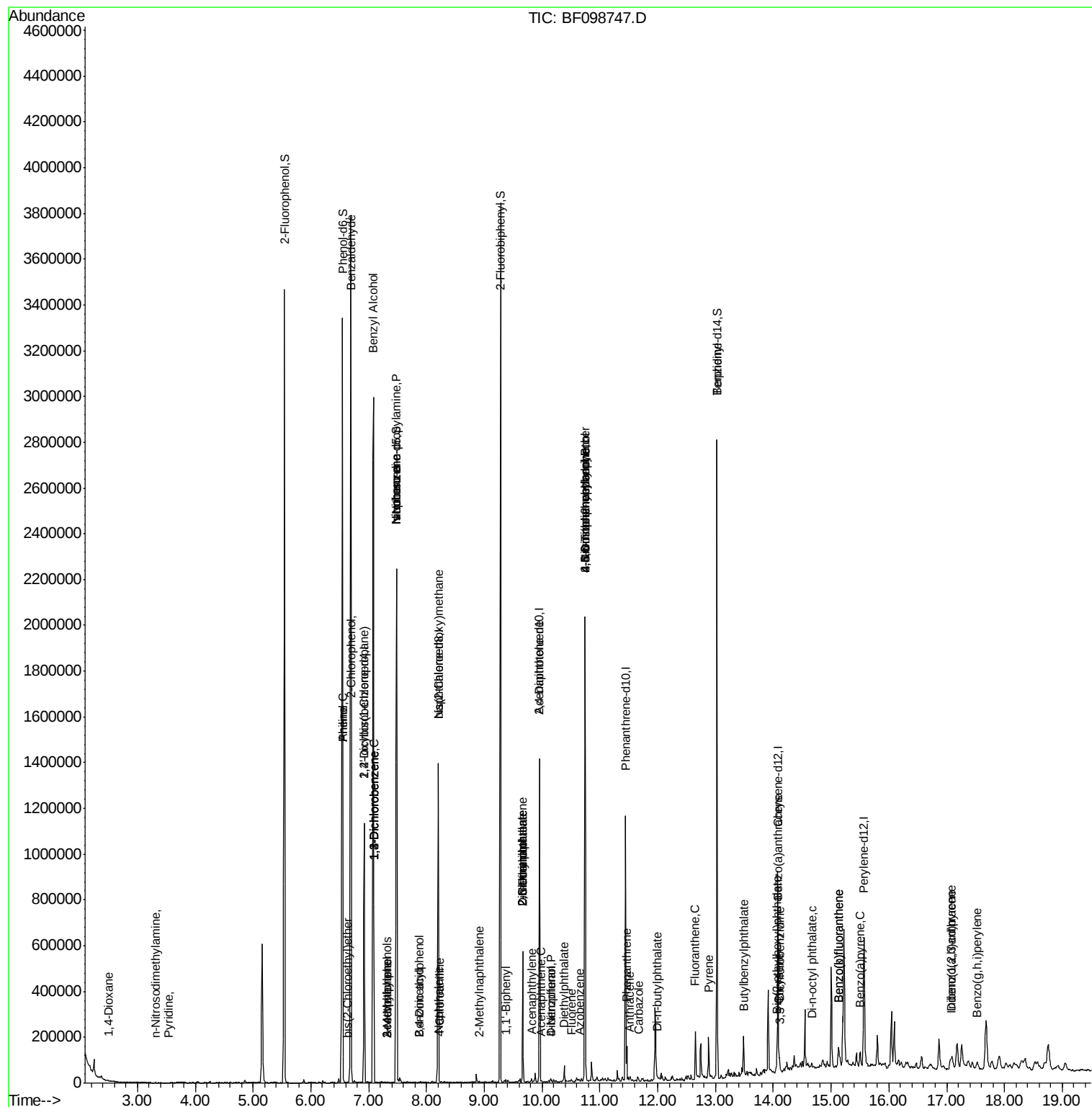
56) 2,4-Dinitrotoluene	9.96	165	32314	6.01	nq	# 23
57) Fluorene	10.50	166	2427	0.14	nq	92
59) Diethylphthalate	10.37	149	1355	0.07	nq	# 87
62) Azobenzene	10.66	77	131	0.01	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	630	0.28	nq	# 1
65) n-Nitrosodiphenylamine	10.74	169	8003	0.63	nq	# 44
66) 4-Bromophenyl-phenylether	10.74	248	14348	3.99	nq	# 1
70) Phenanthrene	11.47	178	41295	2.10	nq	96
71) Anthracene	11.52	178	6342	0.32	nq	97
72) Carbazole	11.67	167	4259	0.22	nq	96
73) Di-n-butylphthalate	12.00	149	3276	0.14	nq	# 95
74) Fluoranthene	12.65	202	75284	3.78	nq	98
76) Benzidine	13.03	184	12204	1.39	nq	# 94
77) Pyrene	12.89	202	72903	4.03	nq	98
79) Butylbenzylphthalate	13.50	149	3364	0.40	nq	# 93
80) Benzo(a)anthracene	14.07	228	29158	2.03	nq	93
81) 3,3'-Dichlorobenzidine	14.12	252	125	0.02	nq	# 1
82) Chrysene	14.10	228	32363	2.37	nq	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	7245	0.62	nq	# 90
84) Di-n-octyl phthalate	14.67	149	1443	0.08	nq	# 1
85) Indeno(1,2,3-cd)pyrene	17.07	276	18504	1.69	nq	94
87) Benzo(b)fluoranthene	15.13	252	57282	3.80	nq	# 92
88) Benzo(k)fluoranthene	15.13	252	57282	3.84	nq	# 95
89) Benzo(a)pyrene	15.50	252	30172	2.18	nq	98
90) Dibenzo(a,h)anthracene	17.08	278	4845	0.44	nq	92
91) Benzo(q,h,i)perylene	17.52	276	17349	1.58	nq	# 92

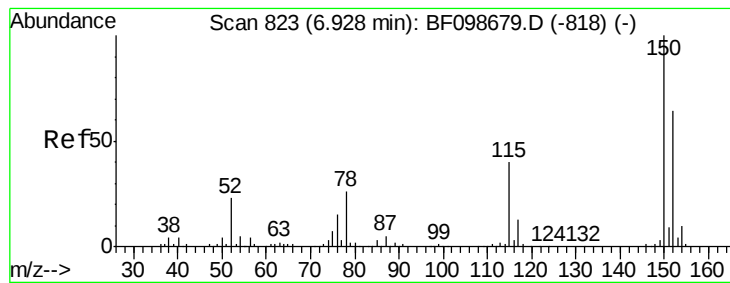
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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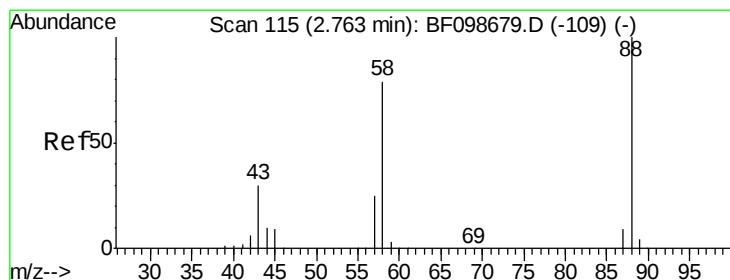
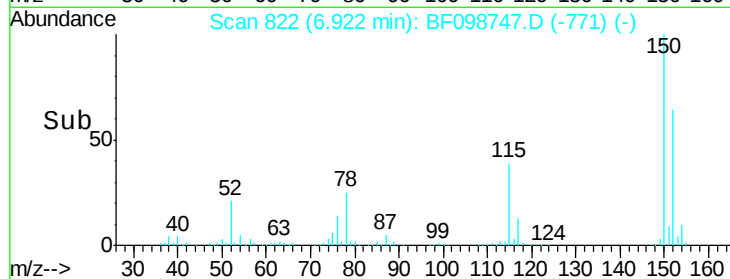
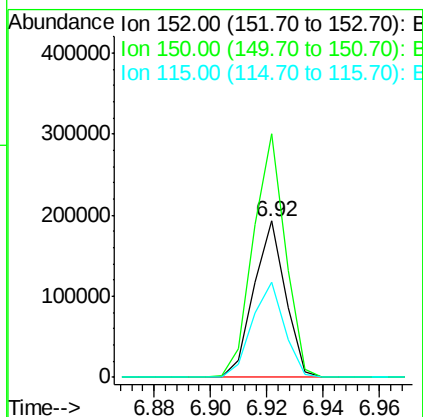
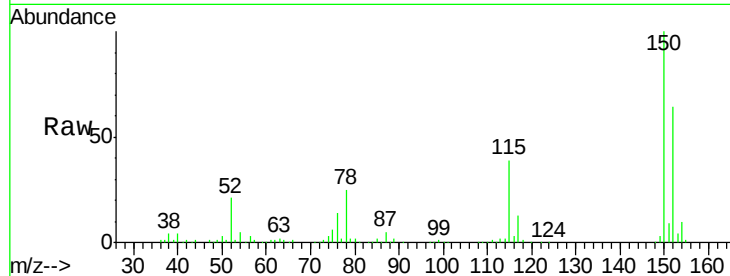


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

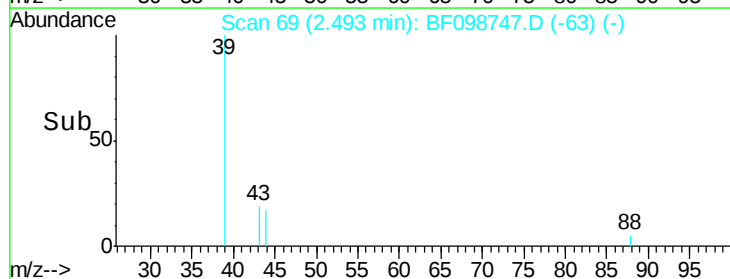
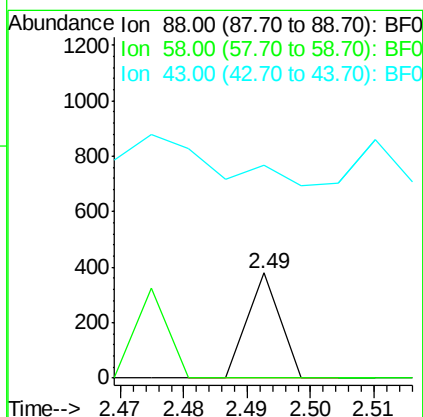
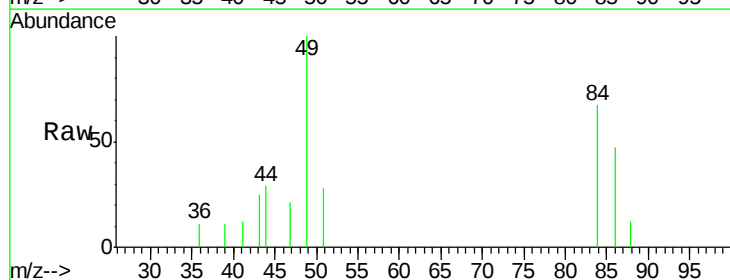
Tot Ion:152 Resp: 150224
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.9 50.1 75.1

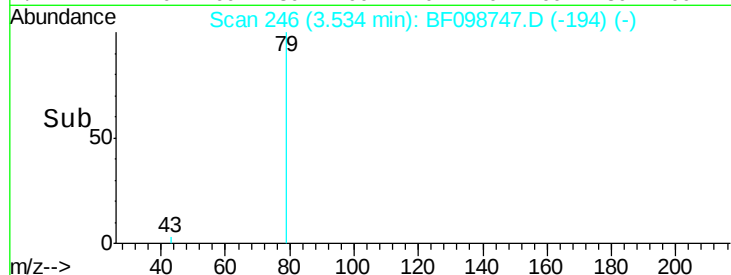
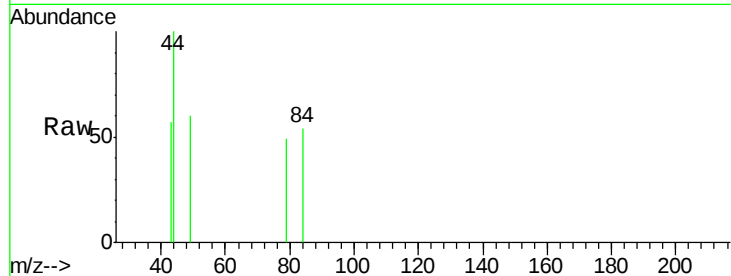
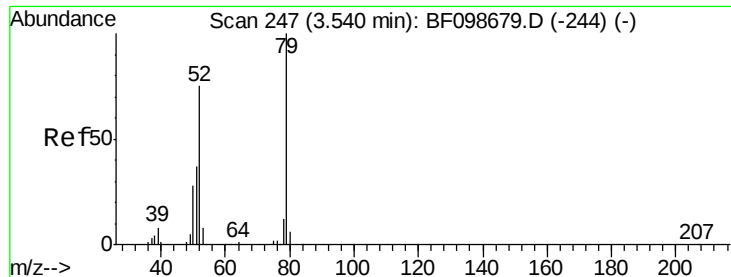


#2

1,4-Dioxane
Concen: 0.03 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.26 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion: 88 Resp: 133
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#

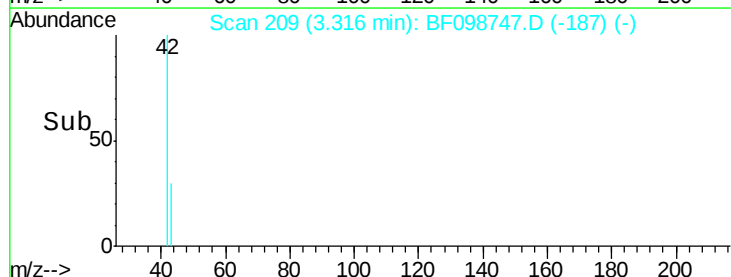
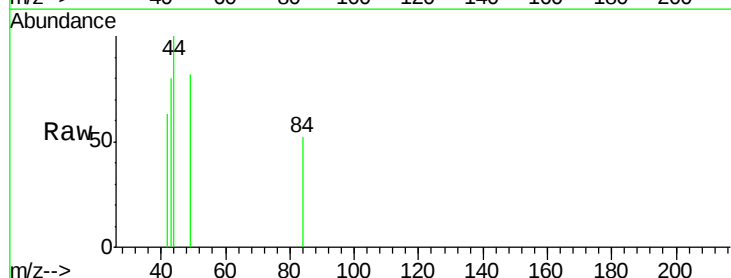
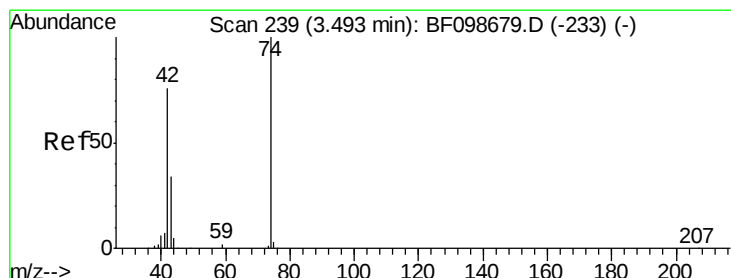
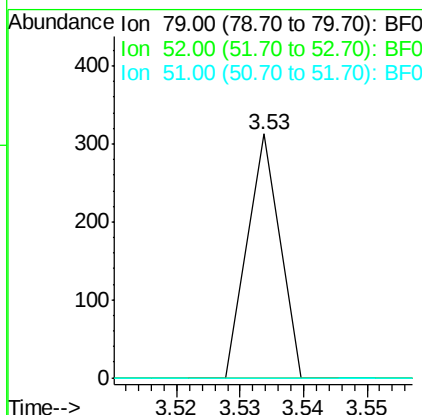




#3
Pvridine
Concen: 0.01 ng
RT: 3.53 min Scan# 246
Delta R.T. 0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

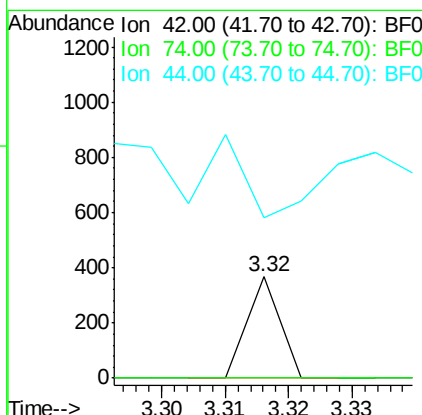
Instrument :
BNA_F
ClientSampleId :

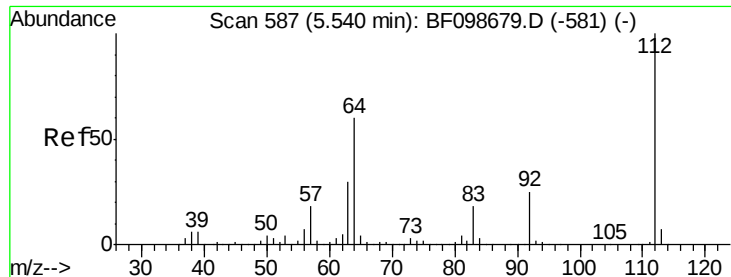
Tot Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	0.0	29.8	44.8#



#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.32 min Scan# 209
Delta R.T. -0.17 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	158.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 116.36 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

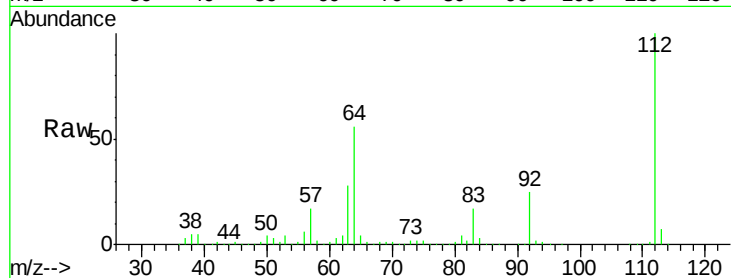
Tot Ion:112 Resp: 1098023

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

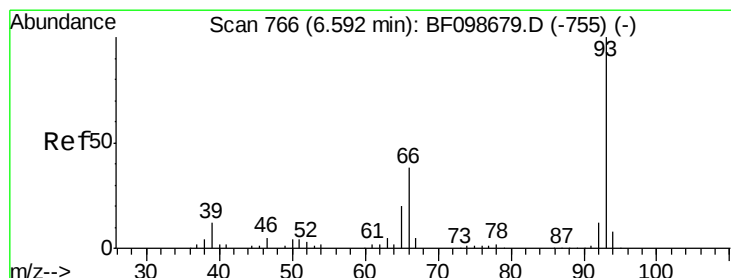
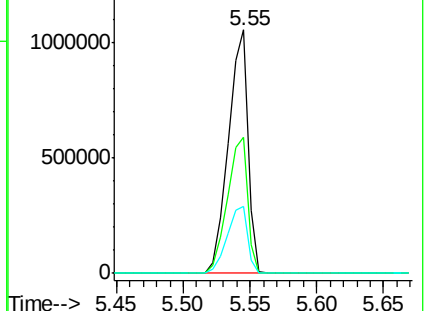
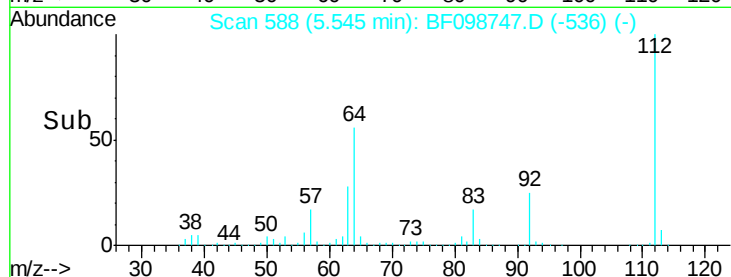
63 27.5 23.7 35.5



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: 0.09 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

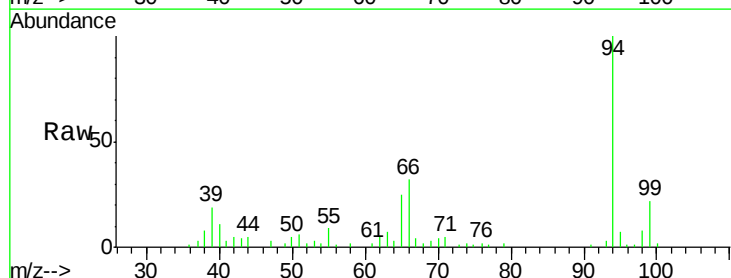
Tgt Ion: 93 Resp: 1430

Ion Ratio Lower Upper

93 100

66 1067.2 32.2 48.2#

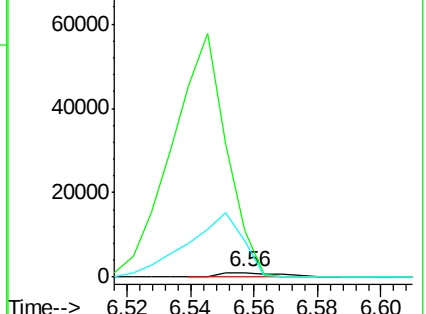
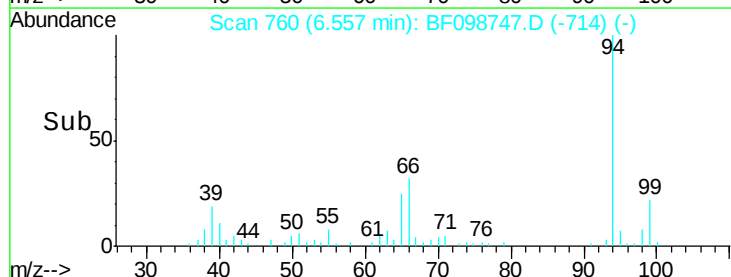
65 832.4 16.4 24.6#

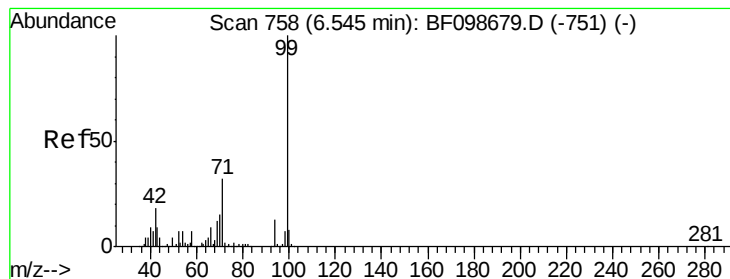


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.61 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

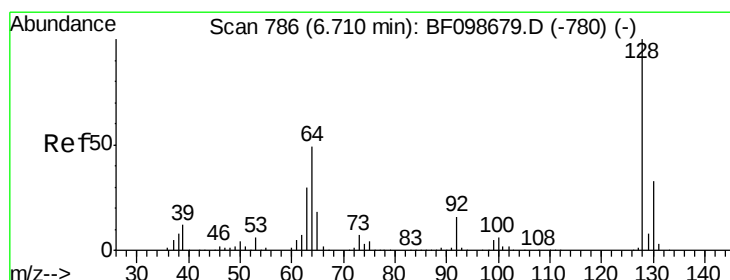
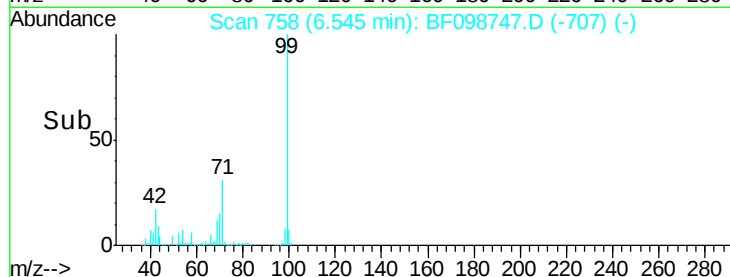
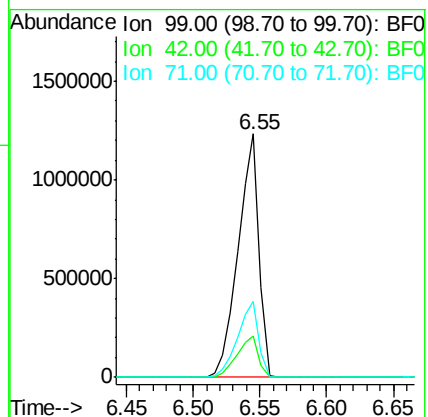
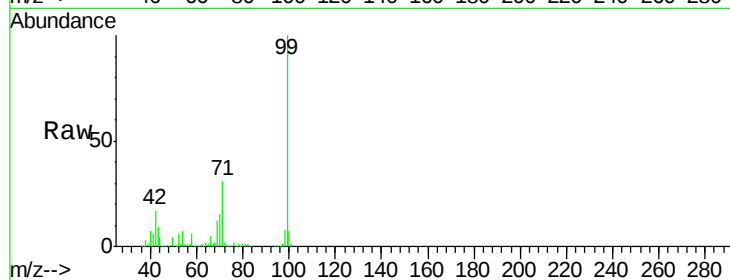
Tot Ion: 99 Resp: 1334156

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 31.4 25.4 38.0



#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

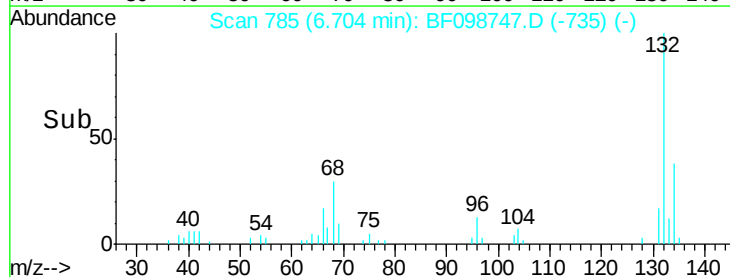
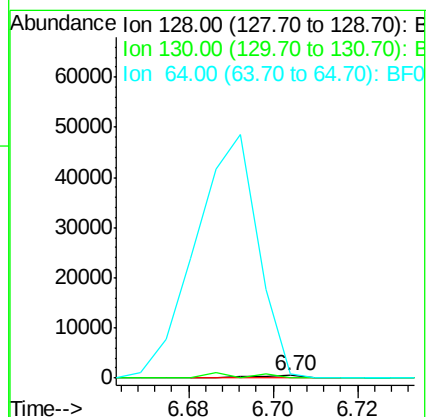
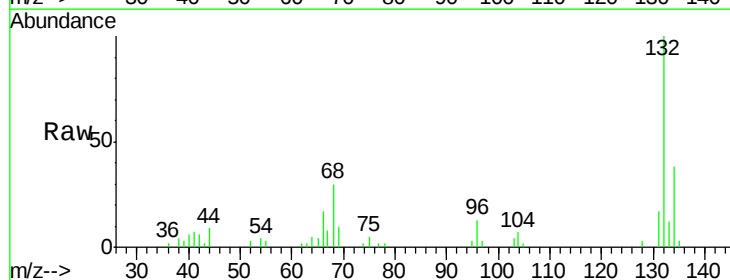
Tgt Ion: 128 Resp: 393

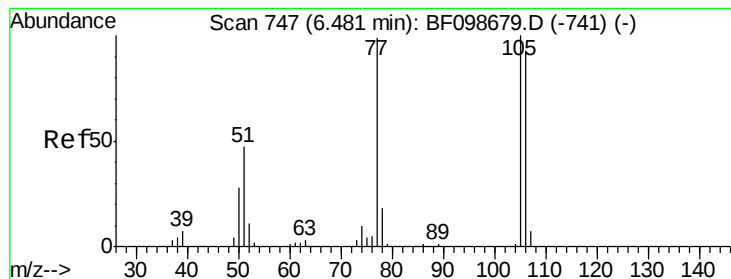
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 193.8 29.4 69.4#





#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF098747.D

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ClientSampleId :

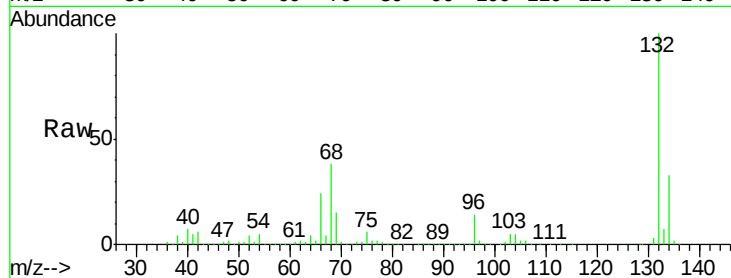
Tot Ion: 77 Resp: 23146

Ion Ratio Lower Upper

77 100

105 88.7 81.1 121.1

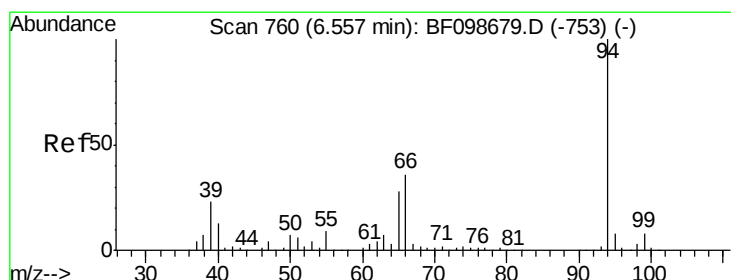
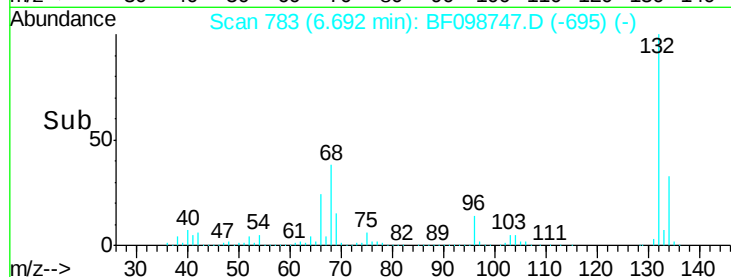
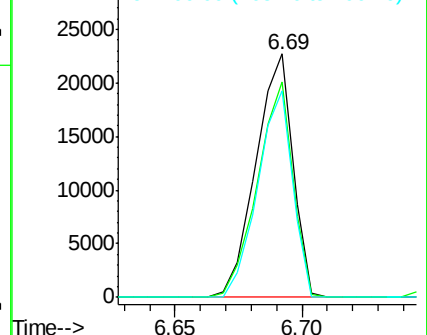
106 84.7 74.5 114.5



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: 2.11 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

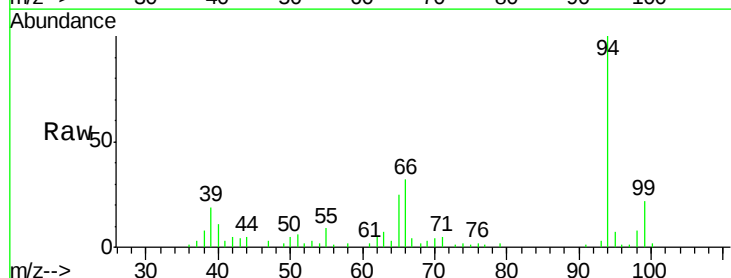
Tgt Ion: 94 Resp: 27529

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

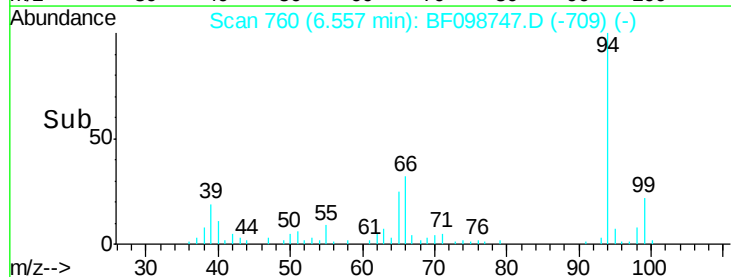
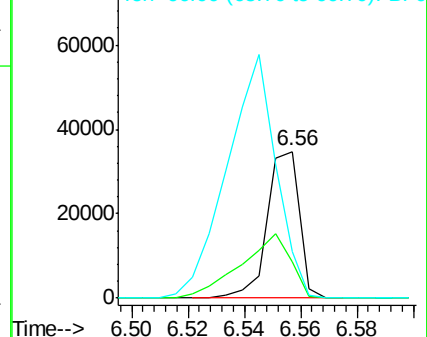
66 31.9 16.2 56.2

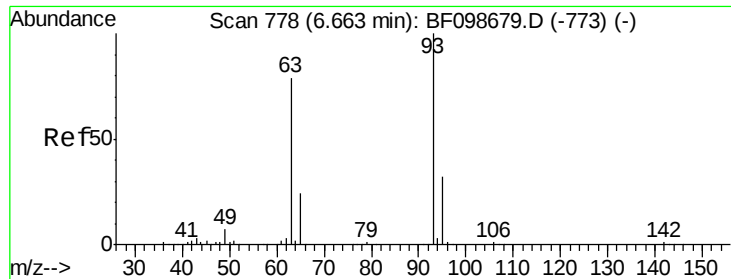


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

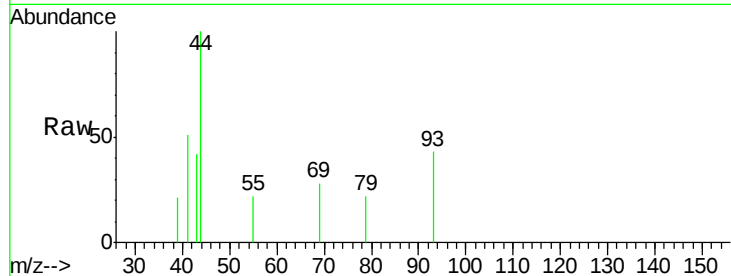




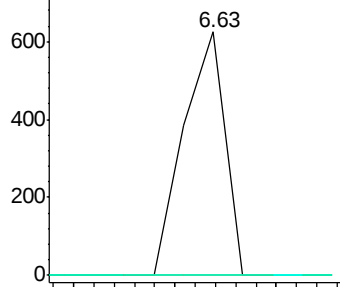
#11
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampled :

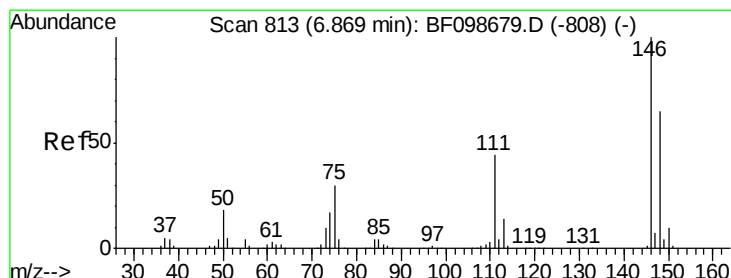
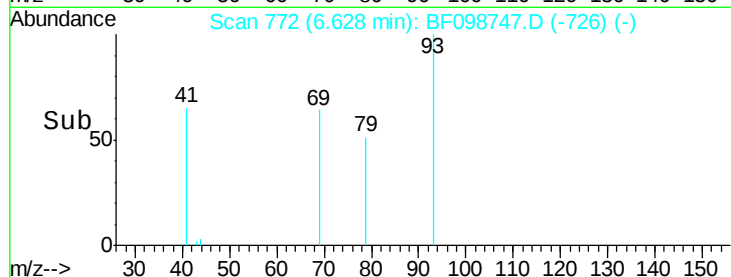
Tot Ion: 93 Resp: 357
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 0.0 11.8 51.8#



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

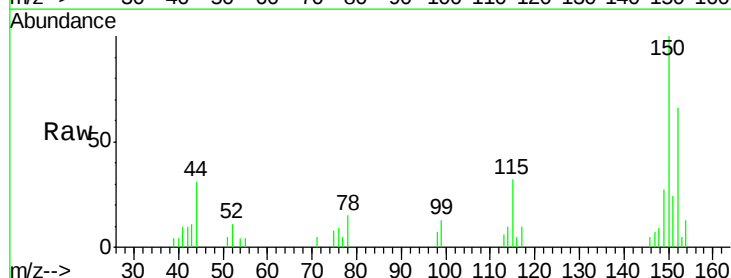


Time-->

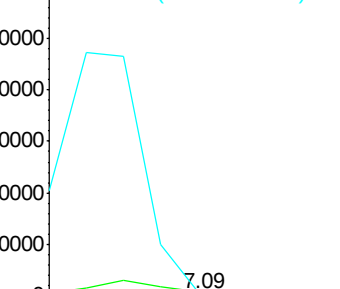


#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.23 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

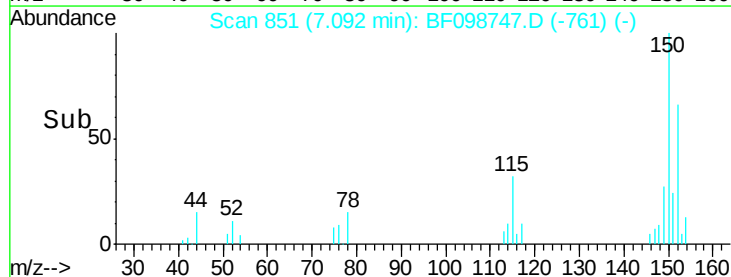
Tgt Ion: 146 Resp: 140
Ion Ratio Lower Upper
146 100
148 196.0 51.8 77.8#
75 161.7 24.2 36.4#

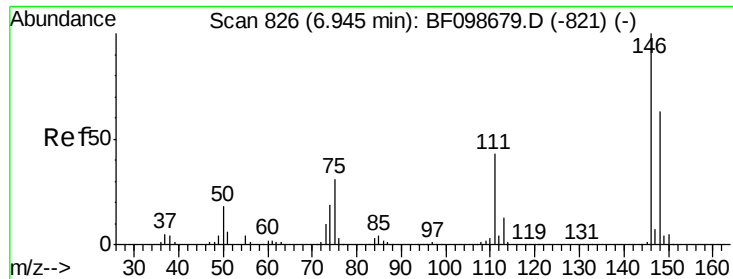


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



Time-->

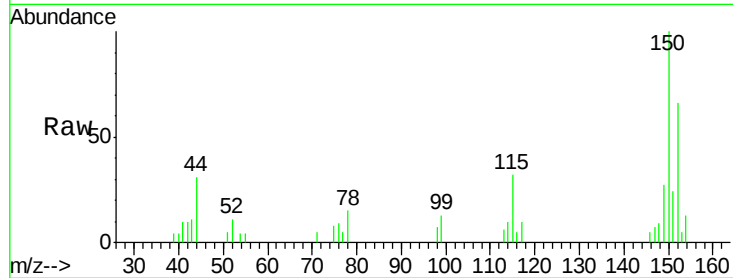




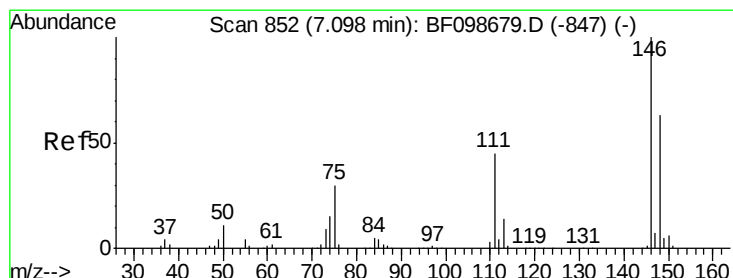
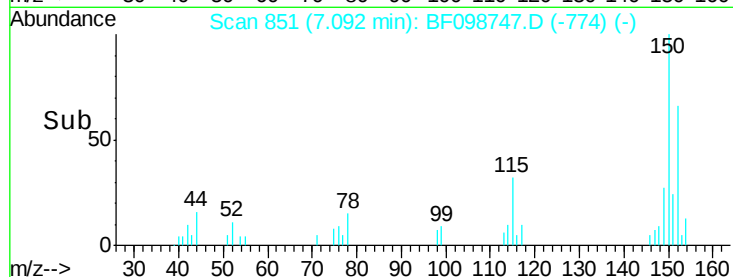
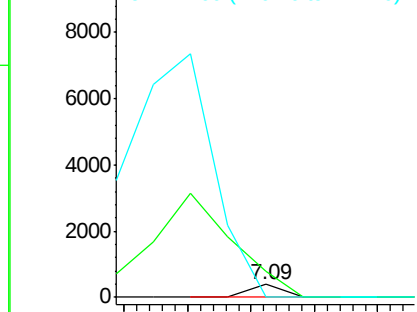
#13
 1,4-Dichlorobenzene
 Concen: 0.01 ng
 RT: 7.09 min Scan# 851
 Delta R.T. 0.15 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 140
 Ion Ratio Lower Upper
 146 100
 148 196.0 50.8 76.2#
 111 0.0 34.2 51.2#

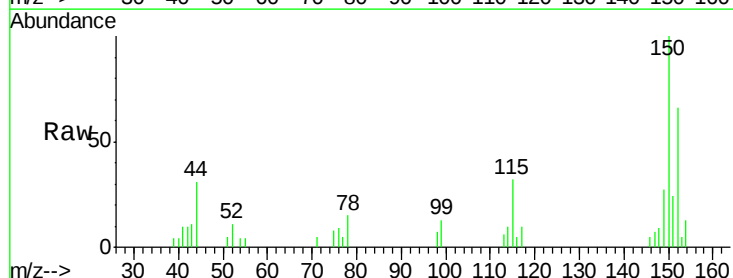


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

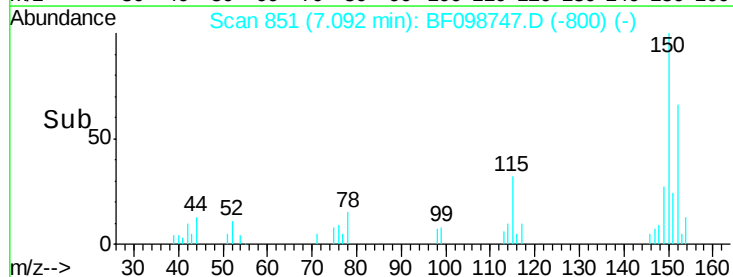
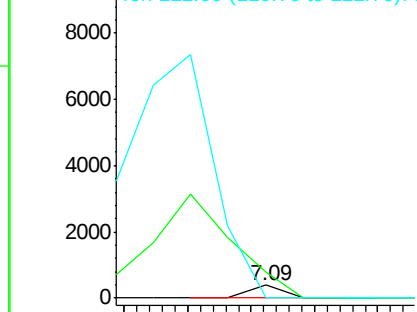


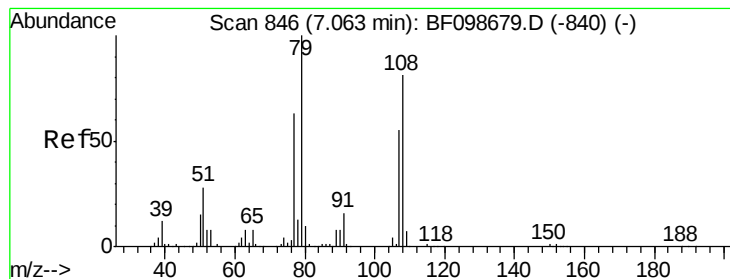
#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:146 Resp: 140
 Ion Ratio Lower Upper
 146 100
 148 196.0 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: 1.55 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

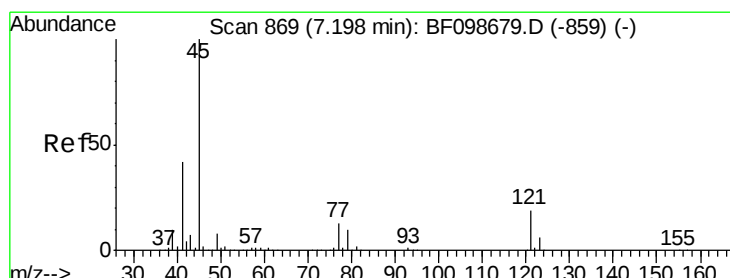
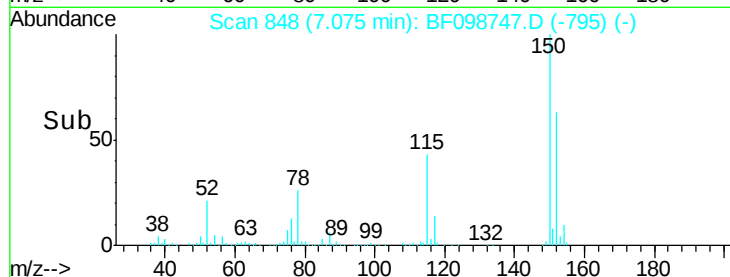
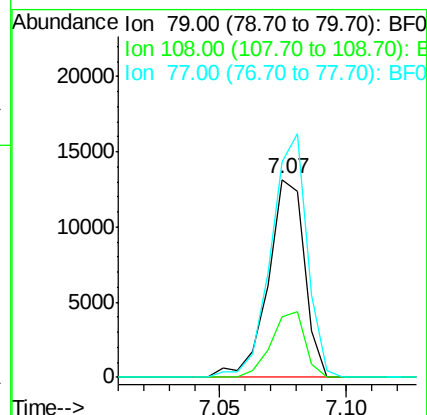
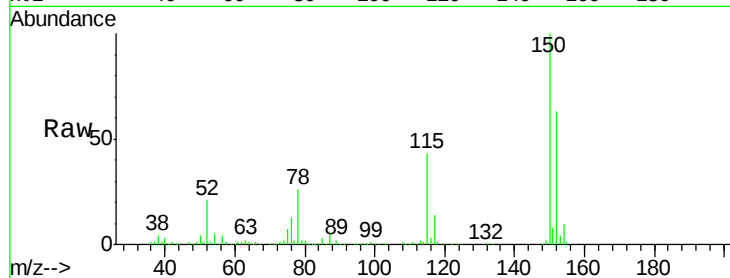
Tot Ion: 79 Resp: 13222

Ion Ratio Lower Upper

79 100

108 30.5 65.1 97.7#

77 108.8 50.6 75.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.28 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

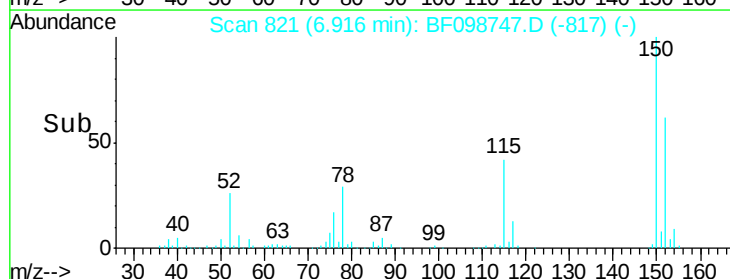
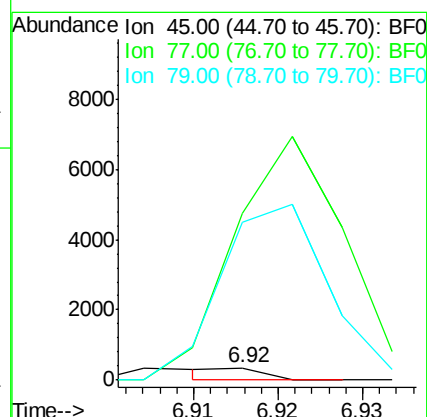
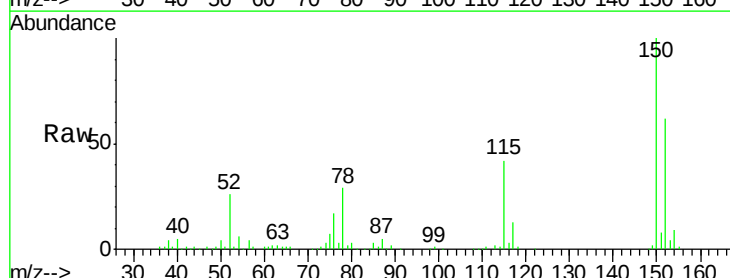
Tgt Ion: 45 Resp: 126

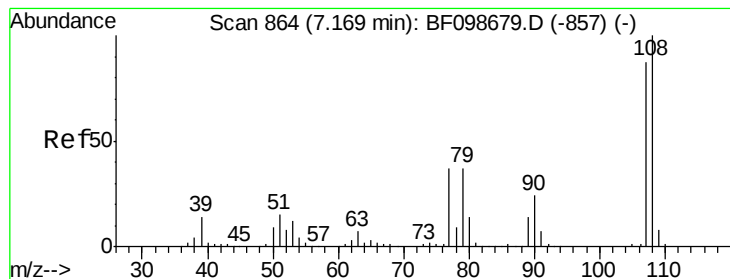
Ion Ratio Lower Upper

45 100

77 1337.6 0.0 32.9#

79 1266.0 0.0 29.6#

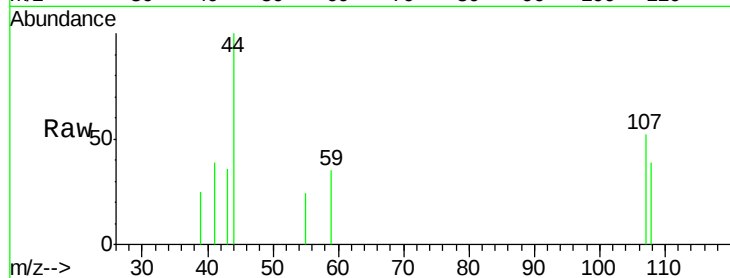




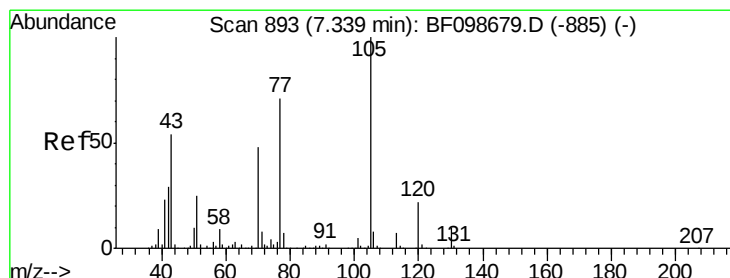
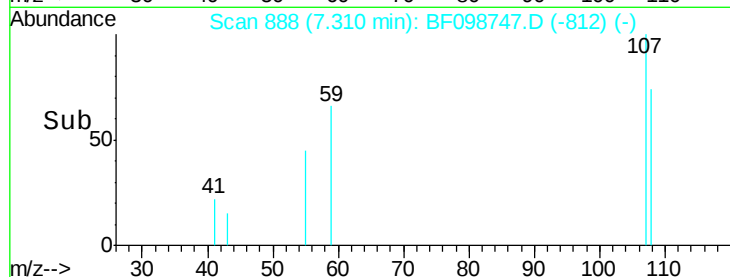
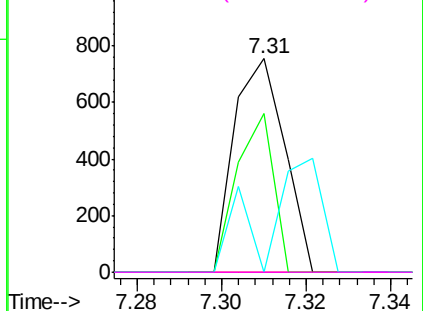
#17
2-Methylphenol
Concen: 0.07 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 625
Ion Ratio Lower Upper
107 100
108 74.0 91.7 137.5#
77 0.0 33.8 50.8#
79 0.0 33.8 50.8#

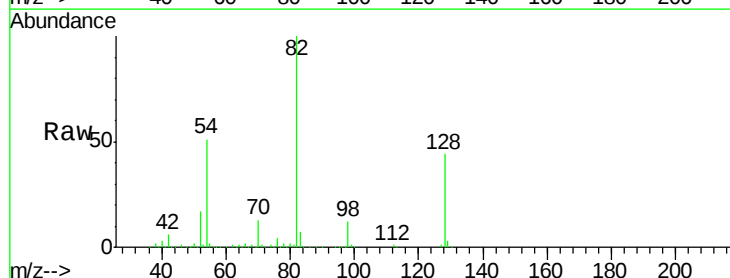


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

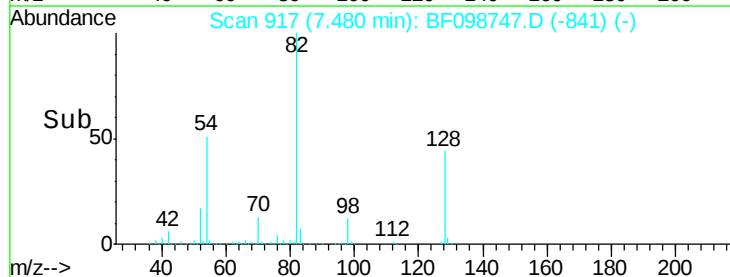
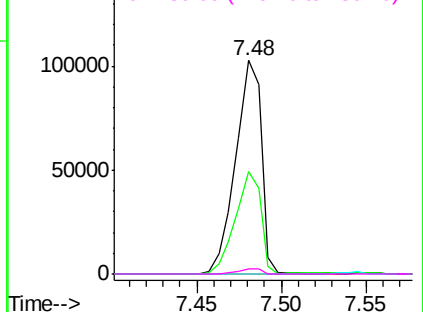


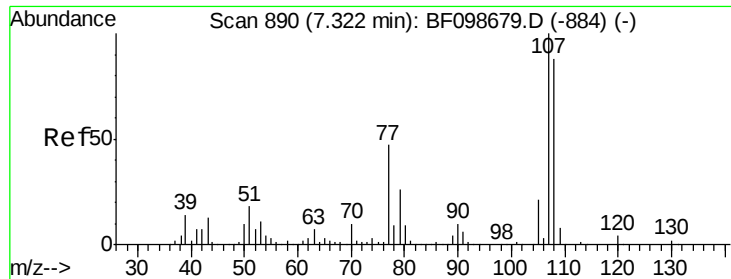
#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion: 70 Resp: 109470
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

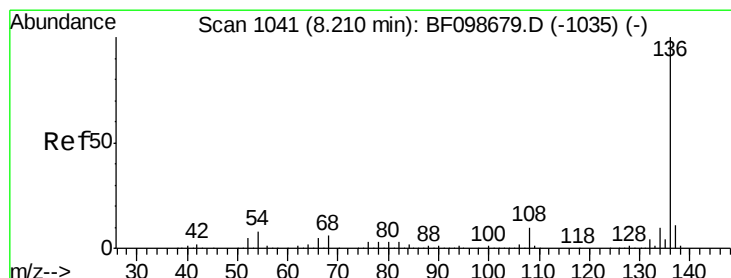
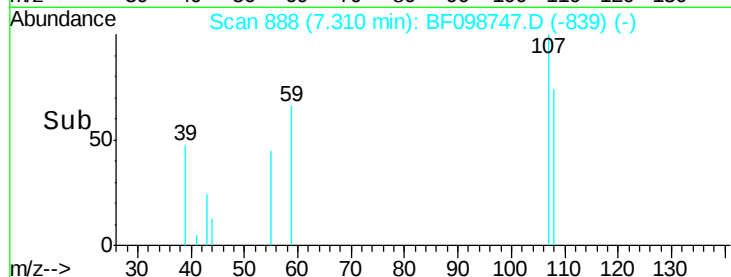
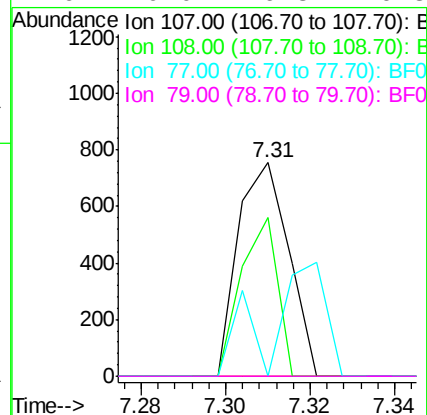
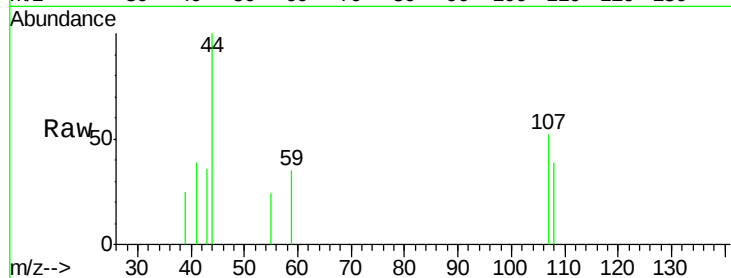




#20
 3+4-Methylphenols
 Concen: 0.06 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

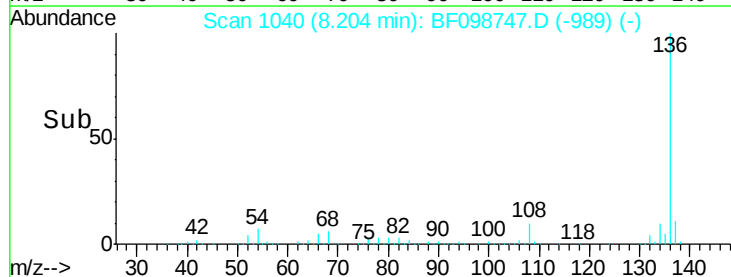
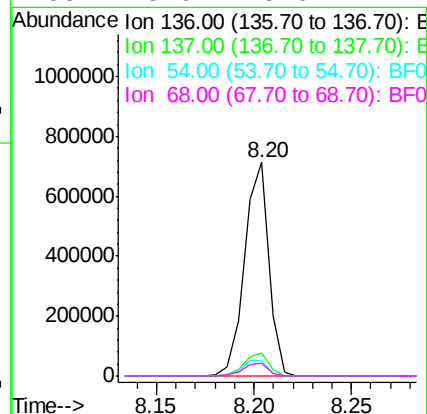
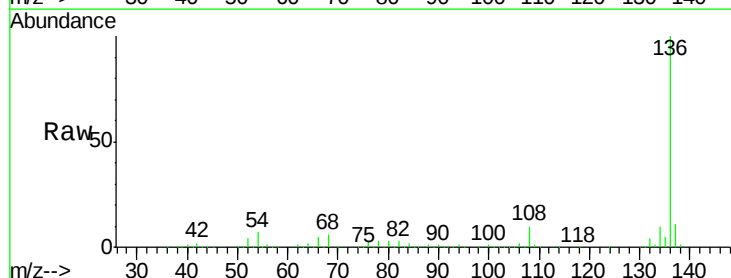
Instrument :
 BNA_F
 ClientSampled :

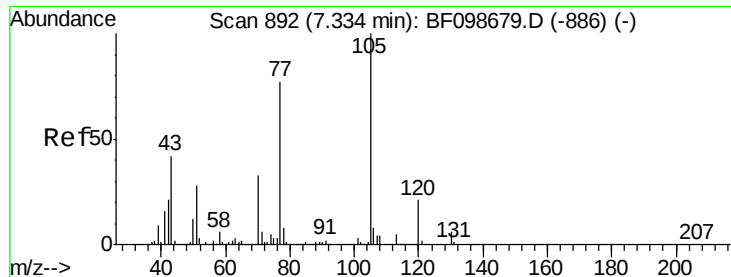
Tot Ion:107 Resp: 625
 Ion Ratio Lower Upper
 107 100
 108 74.0 68.2 108.2
 77 0.0 26.7 66.7#
 79 0.0 6.3 46.3#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:136 Resp: 611243
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 7.2 6.6 9.8
 68 5.9 5.0 7.4





#22

Acetophenone

Concen: 0.02 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 270

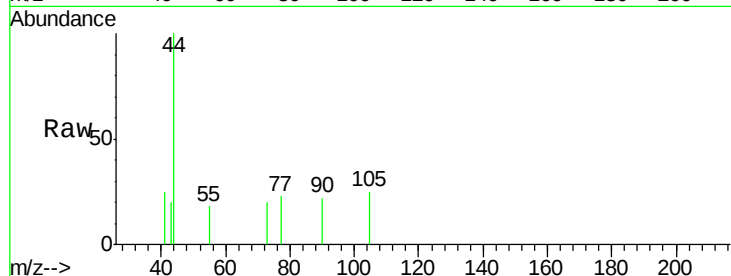
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#

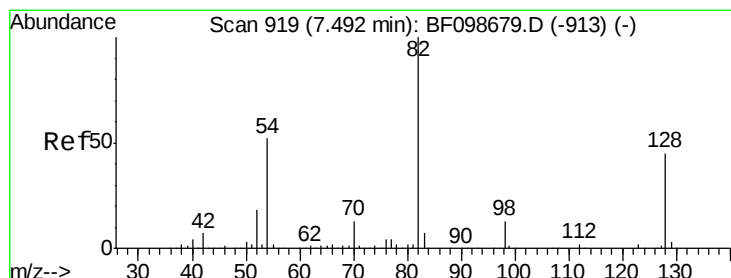
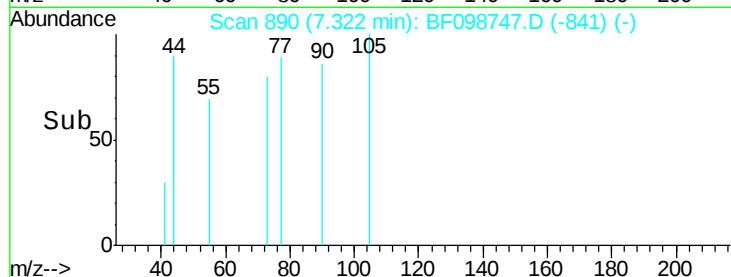
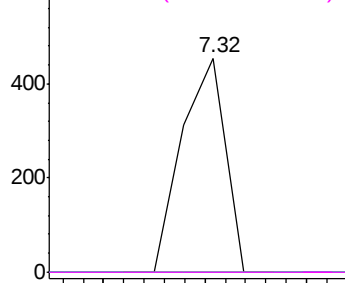


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.51 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

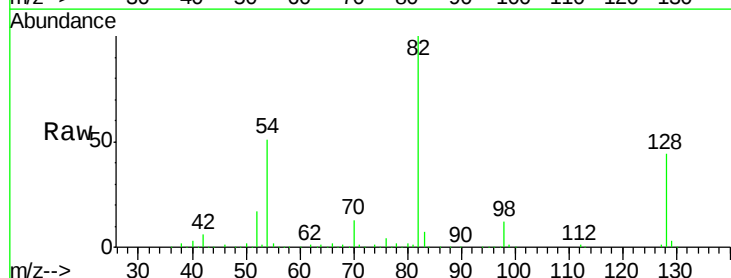
Tgt Ion: 82 Resp: 824505

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

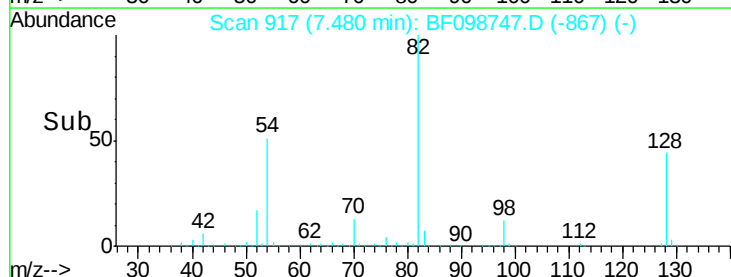
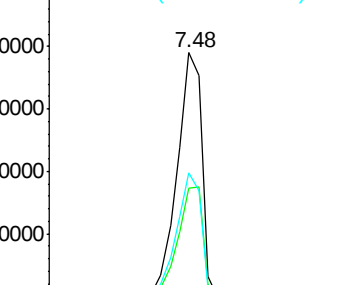
54 50.7 41.4 62.2

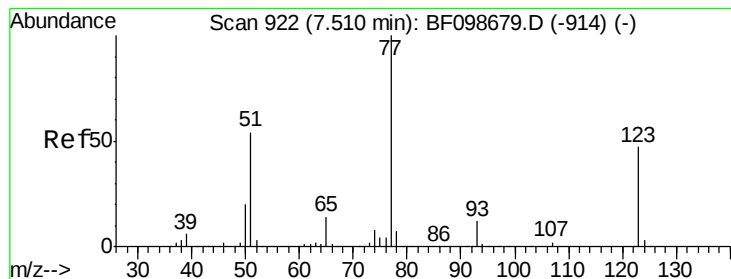


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.22 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampled :

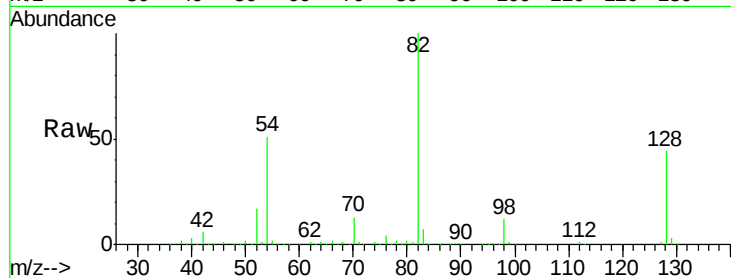
Tot Ion: 77 Resp: 2381

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

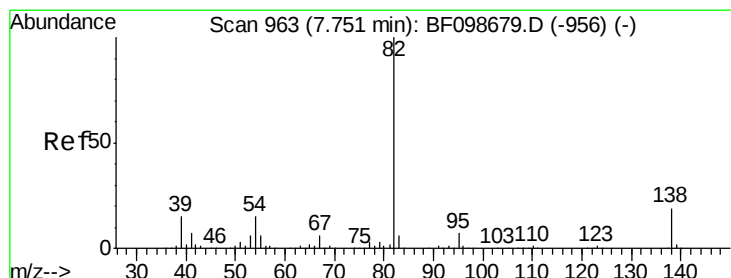
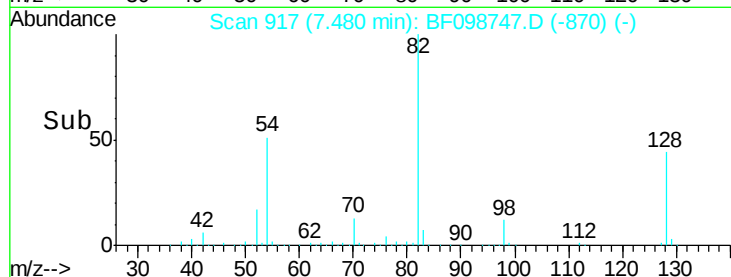
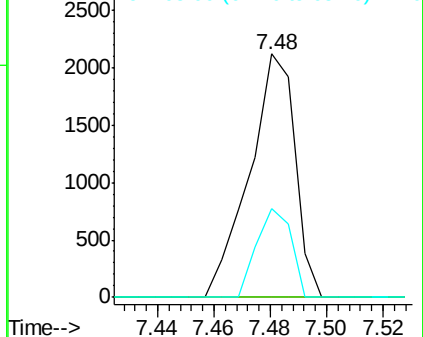
65 36.6 11.0 16.4#



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: 41.68 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

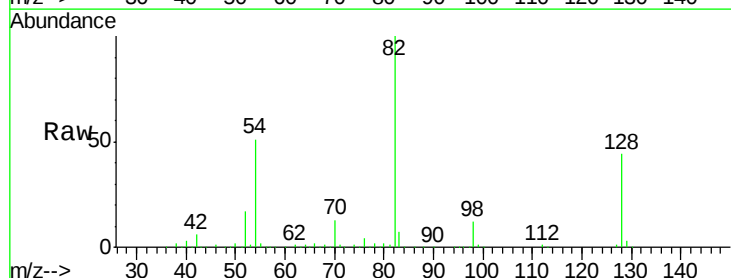
Tgt Ion: 82 Resp: 821372

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

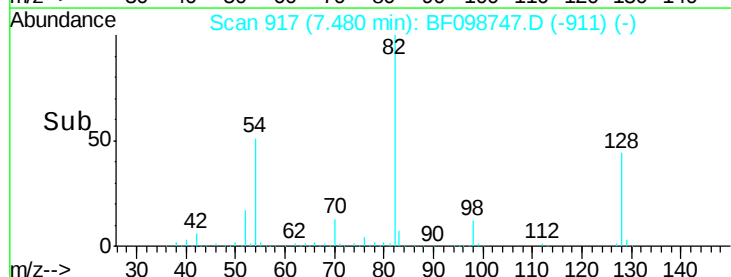
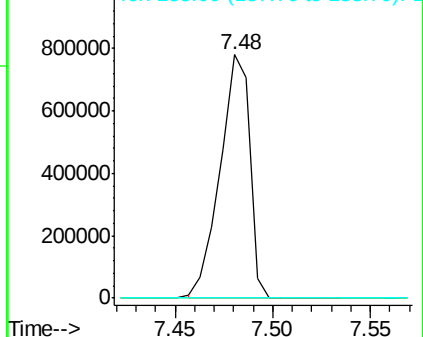
138 0.0 14.9 22.3#

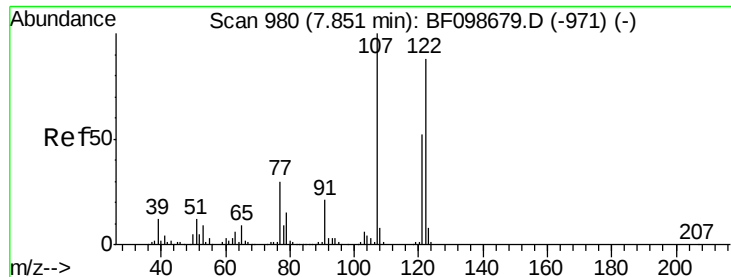


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 0.09 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BF098747.D

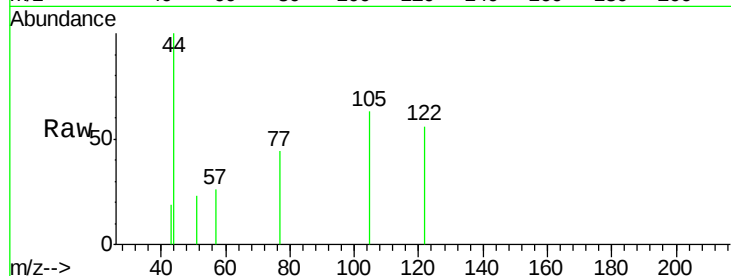
Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampled :

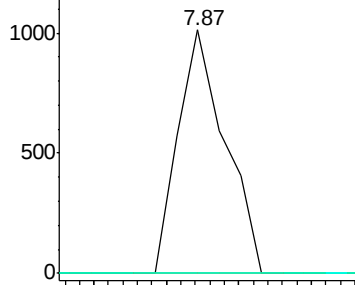
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



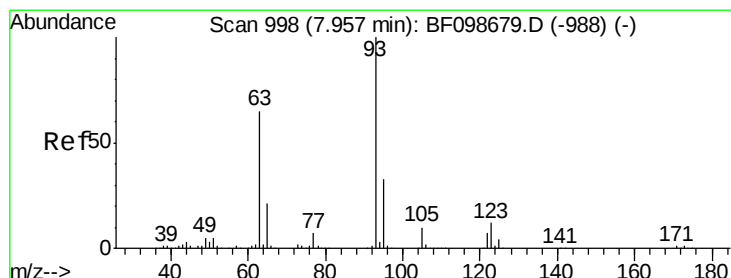
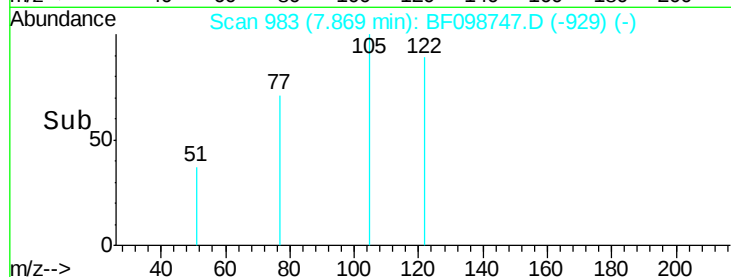
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.01 ng

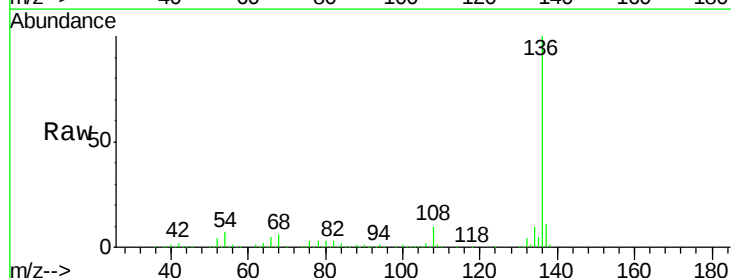
RT: 8.20 min Scan# 1040

Delta R.T. 0.25 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

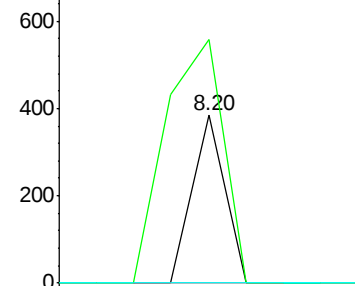
Tgt Ion	Ratio	Lower	Upper
93	100		
95	145.3	26.3	39.5#
123	0.0	9.8	14.6#



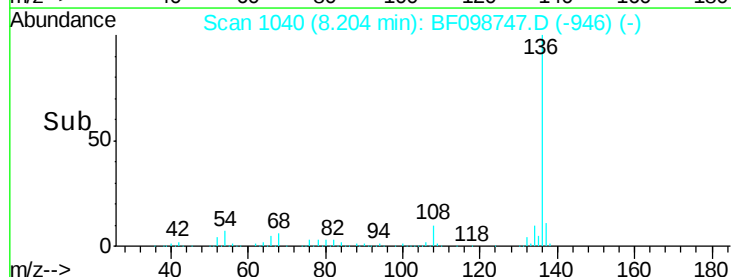
Abundance Ion 93.00 (92.70 to 93.70): BF0

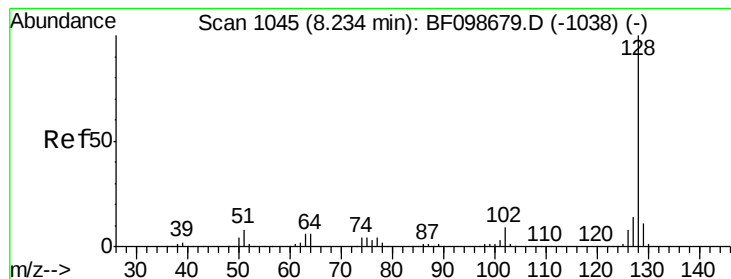
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



Time-->





#31

Naphthalene

Concen: 0.06 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

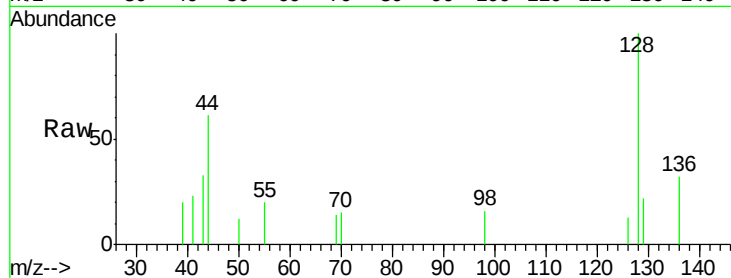
Tot Ion:128 Resp: 1843

Ion Ratio Lower Upper

128 100

129 21.6 8.8 13.2#

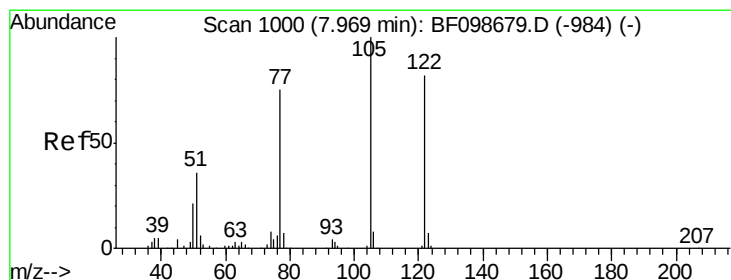
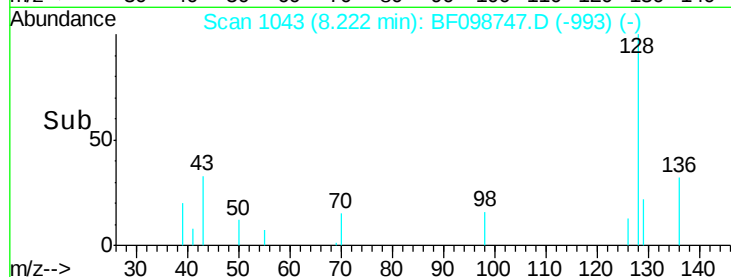
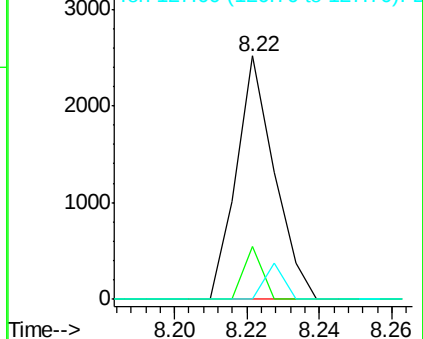
127 0.0 10.9 16.3#



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: 0.11 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.11 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

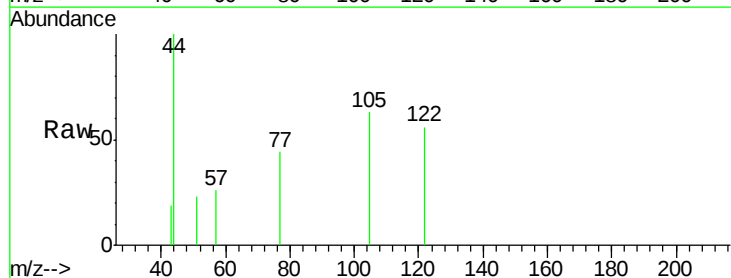
Tgt Ion:122 Resp: 911

Ion Ratio Lower Upper

122 100

105 112.0 101.1 141.1

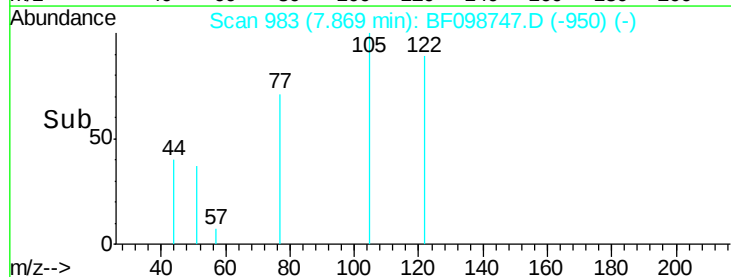
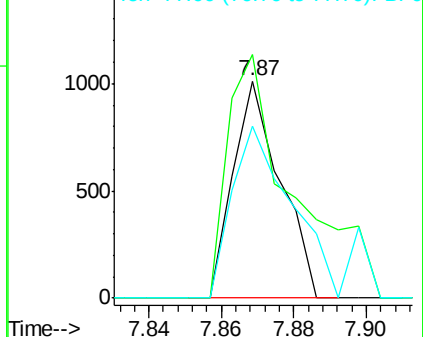
77 79.3 70.7 110.7

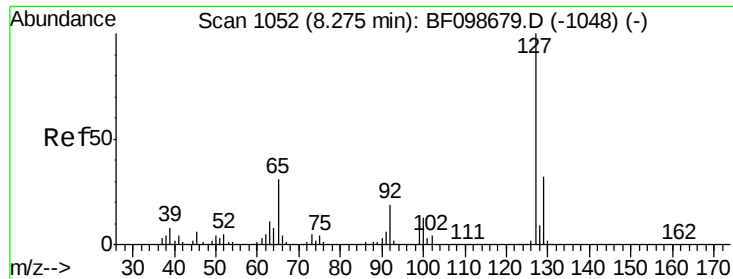


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

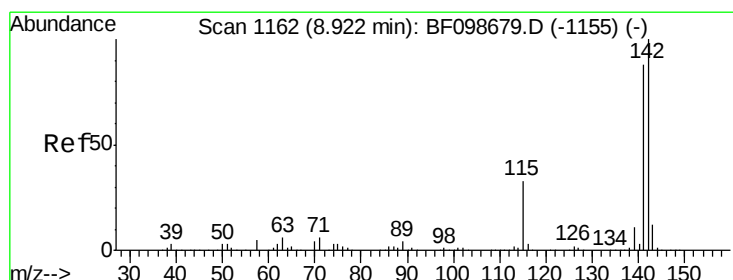
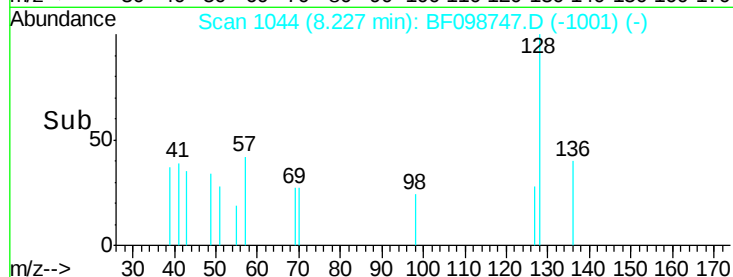
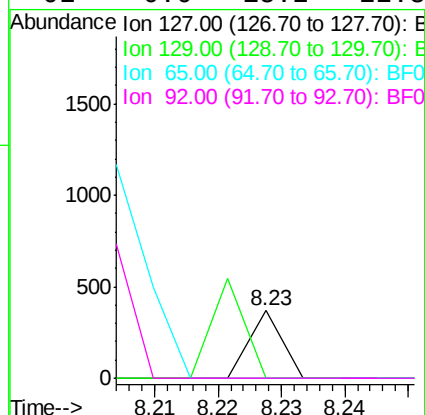
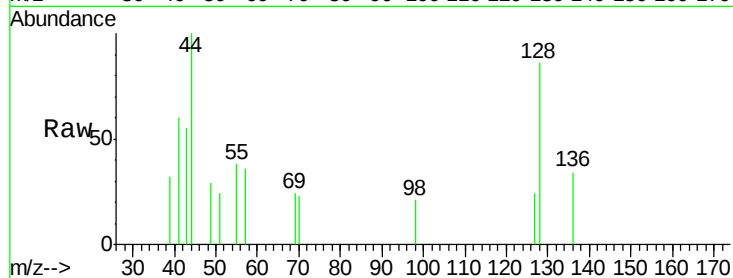




#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

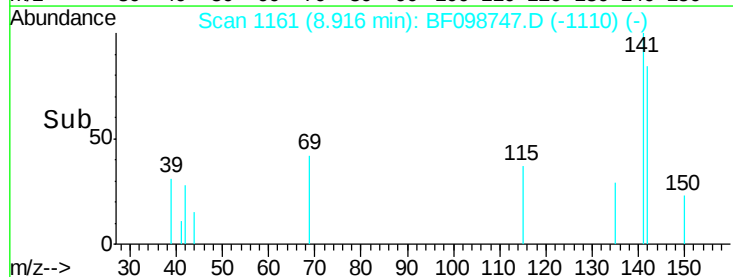
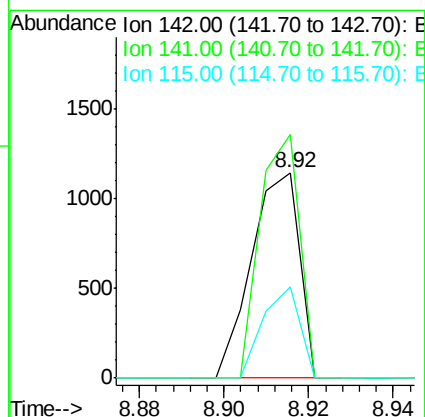
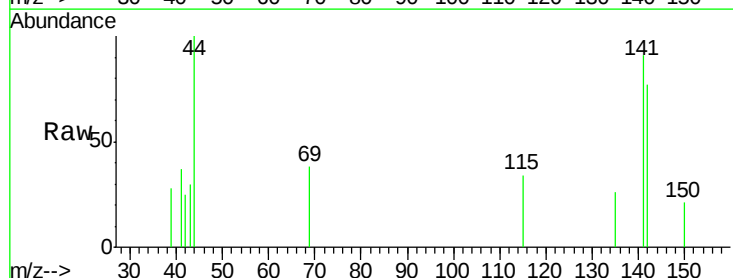
Instrument :
BNA_F
ClientSampleId :

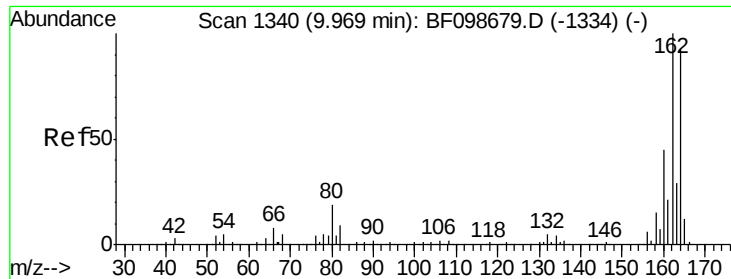
Tot Ion:	127	Resp:	130
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 0.05 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:	142	Resp:	905
Ion	Ratio	Lower	Upper
142	100		
141	118.4	70.8	106.2#
115	44.2	26.1	39.1#

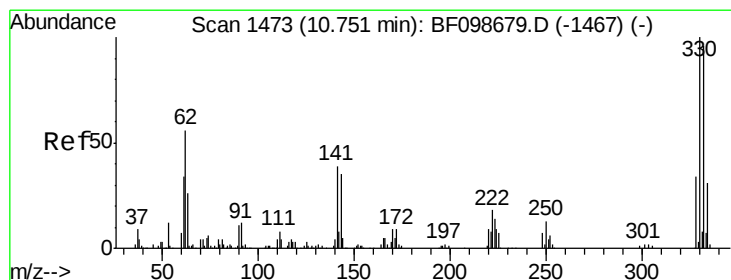
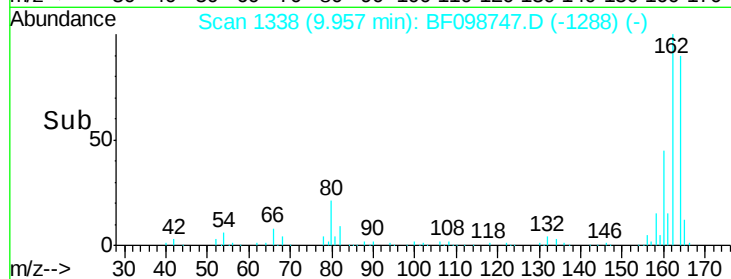
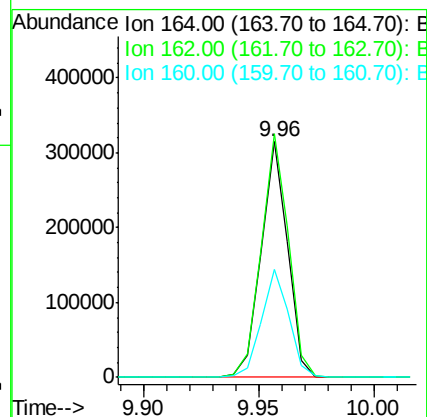
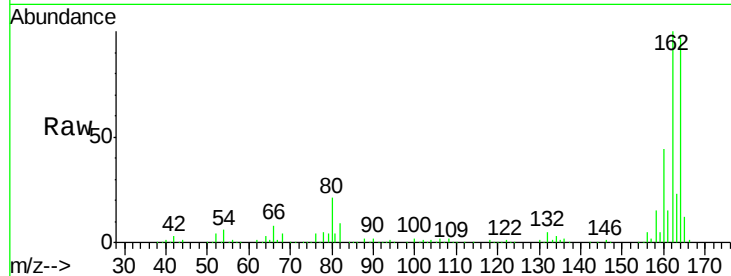




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

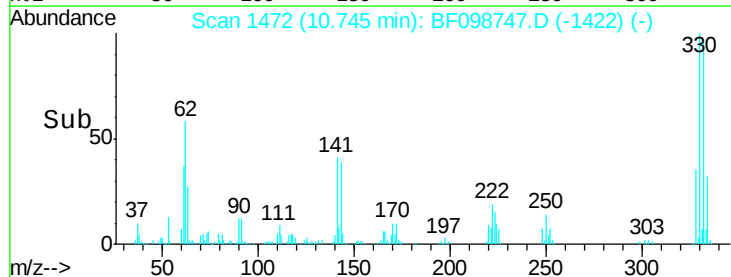
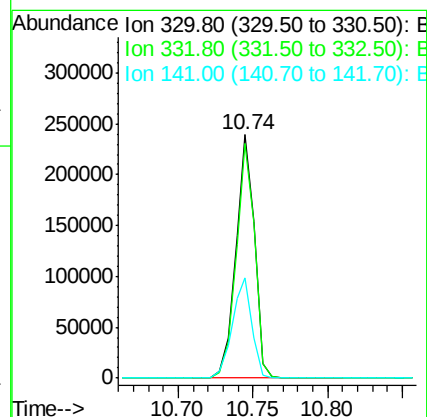
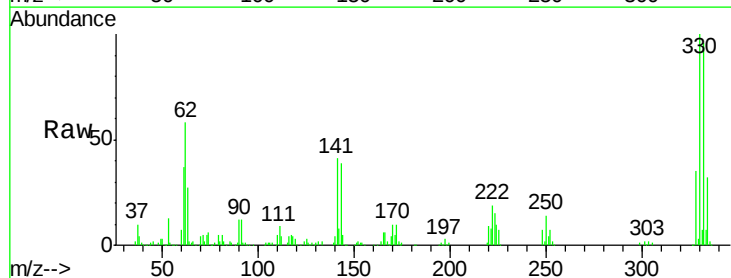
Instrument :
 BNA_F
 ClientSampleId :

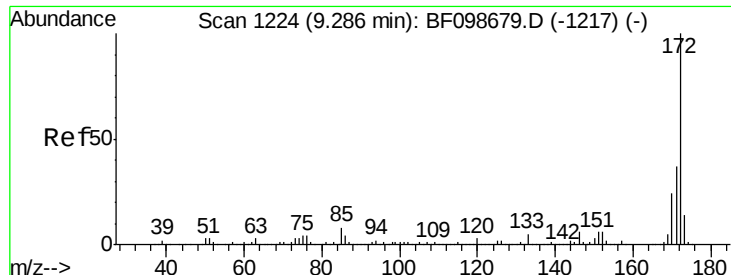
Tot Ion:164 Resp: 252191
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.26 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:330 Resp: 211017
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.5 29.9 44.9

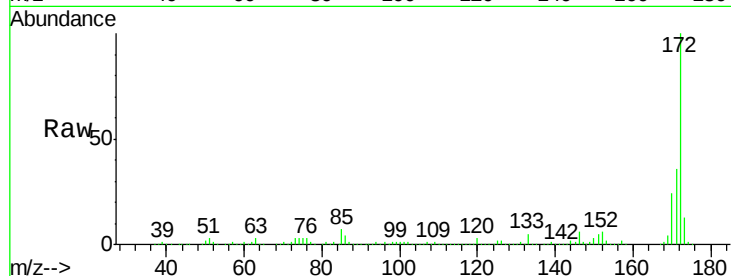




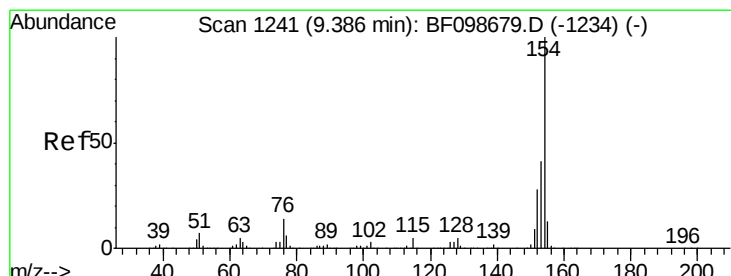
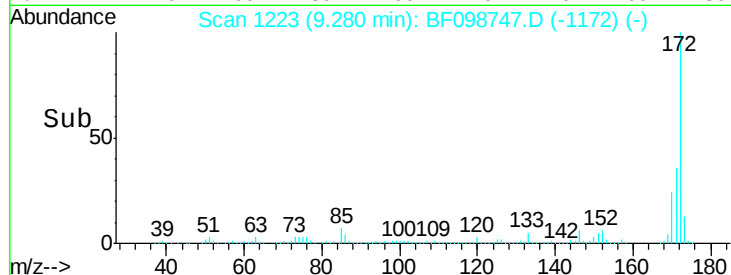
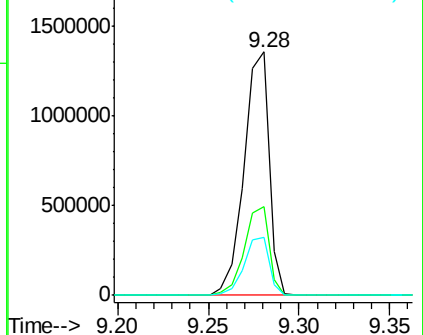
#44
2-Fluorobiphenyl
Concen: 86.20 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1302240
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4

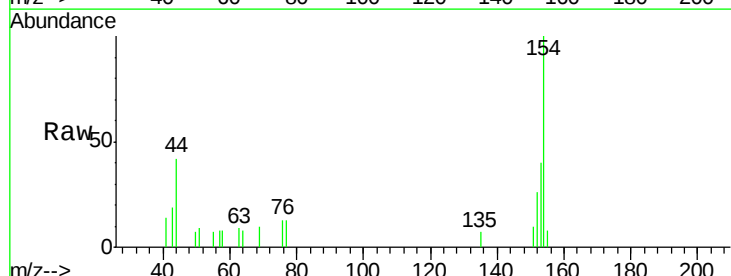


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

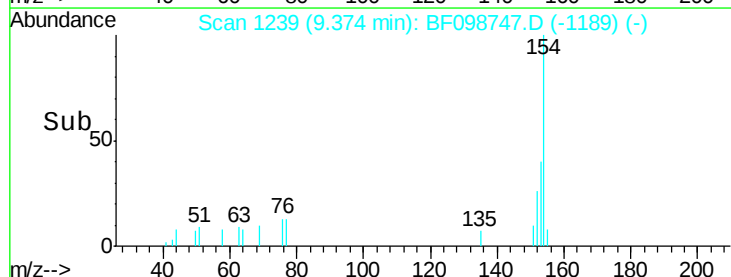
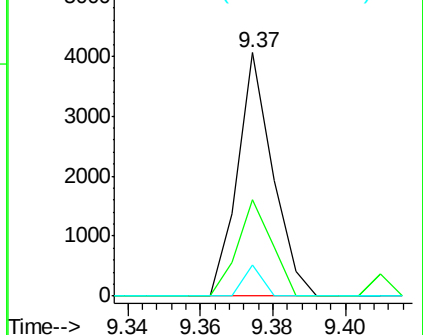


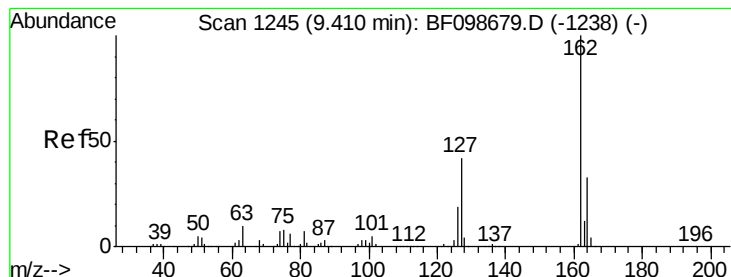
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:154 Resp: 2741
Ion Ratio Lower Upper
154 100
153 39.8 21.3 61.3
76 12.6 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: 0.12 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.26 min

Lab File: BF098747.D

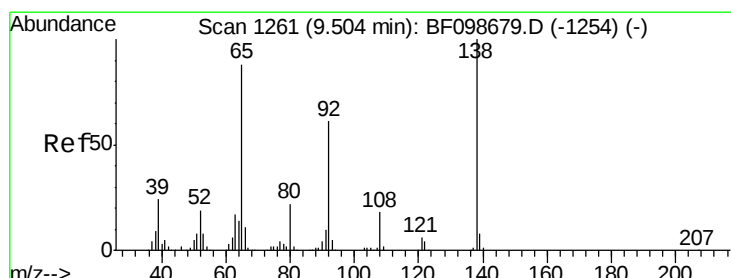
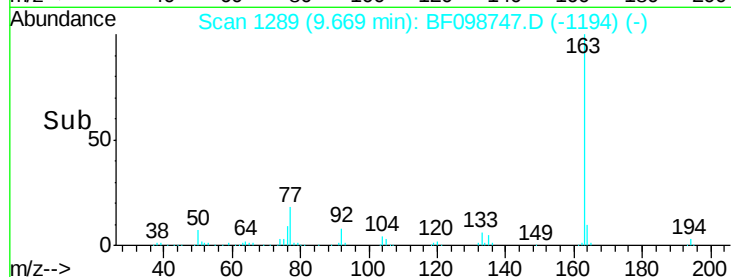
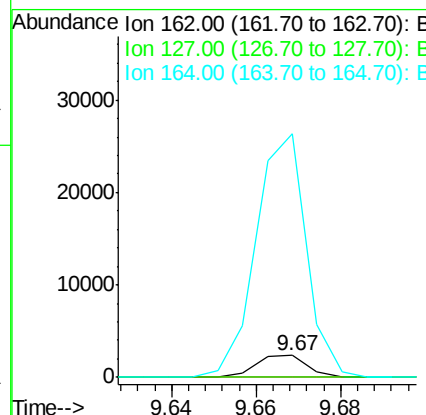
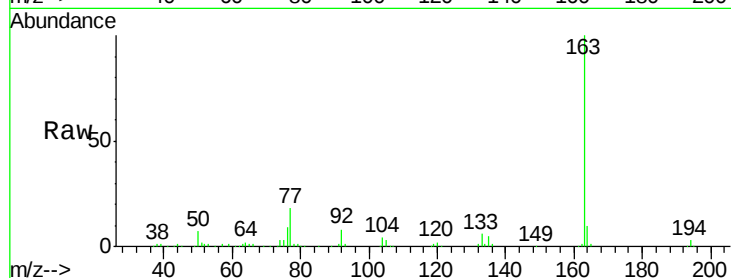
Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:162 Resp: 2003
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1116.7 26.5 39.7#



#47

2-Nitroaniline

Concen: 0.41 ng

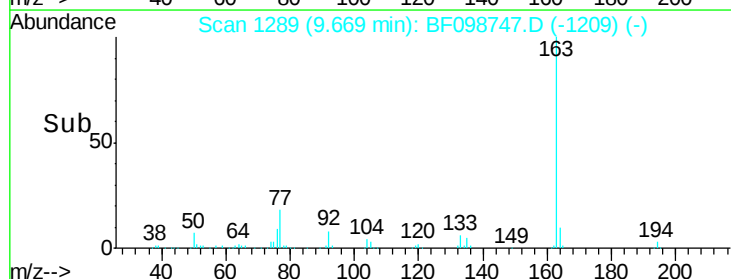
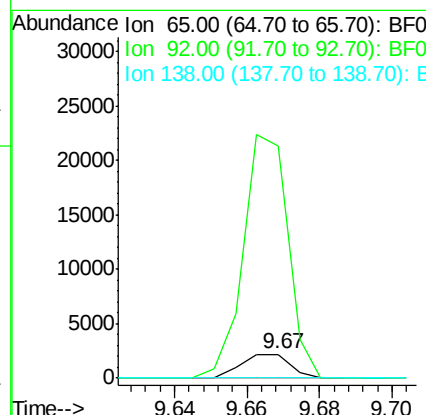
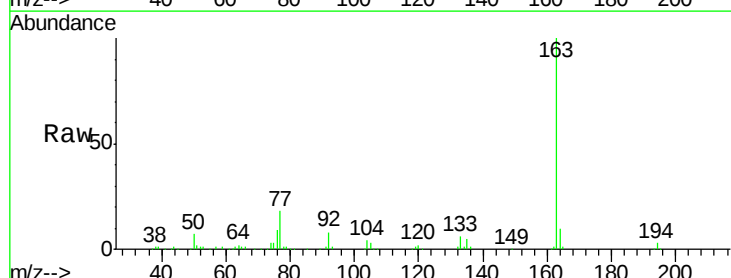
RT: 9.67 min Scan# 1289

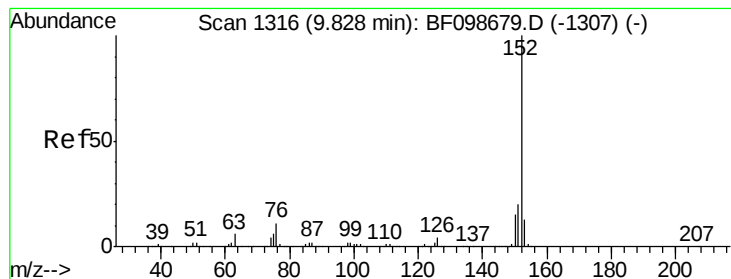
Delta R.T. 0.17 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Tgt Ion: 65 Resp: 2036
 Ion Ratio Lower Upper
 65 100
 92 966.5 55.8 83.6#
 138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 0.25 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampled :

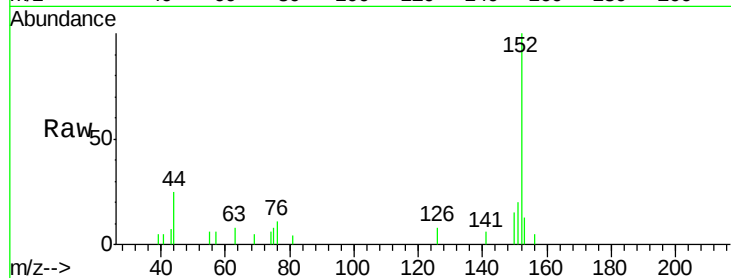
Tot Ion:152 Resp: 6183

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

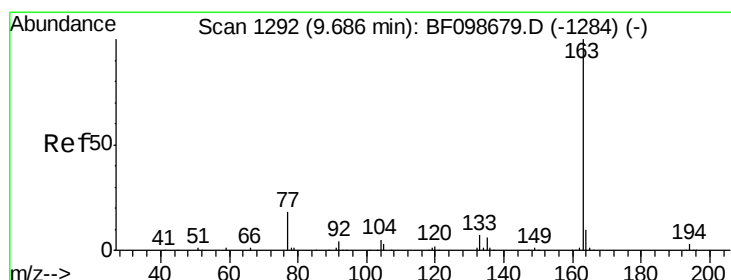
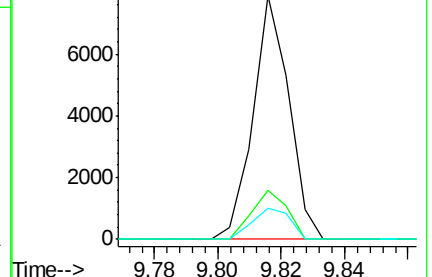
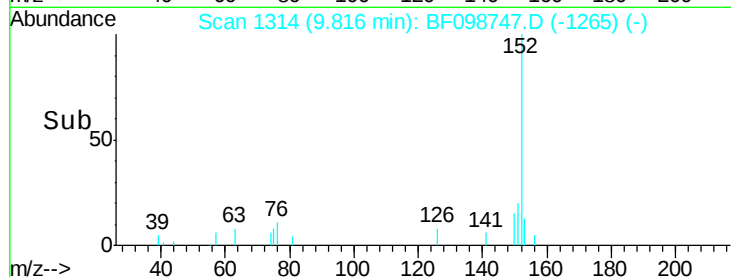
153 12.8 10.7 16.1



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: 11.70 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

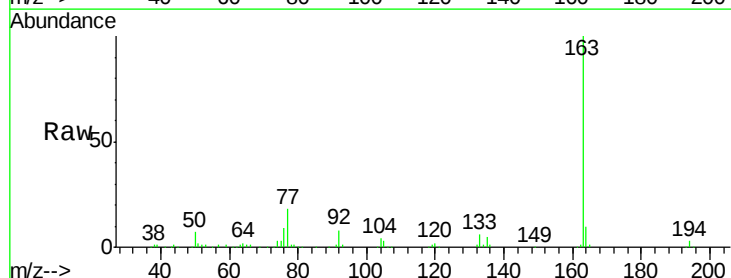
Tgt Ion:163 Resp: 222665

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

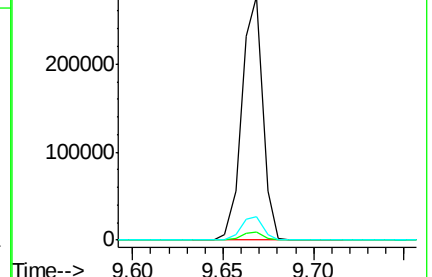
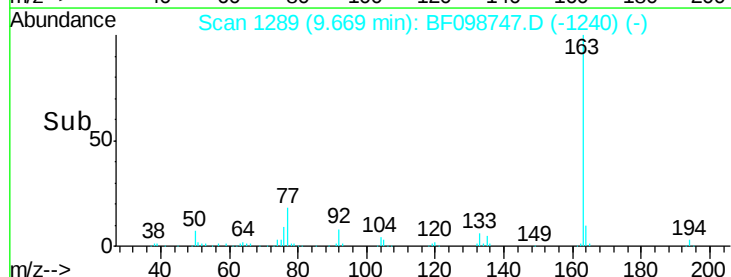
164 9.5 8.2 12.2

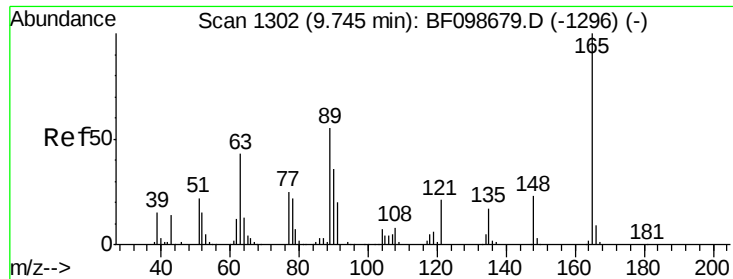


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

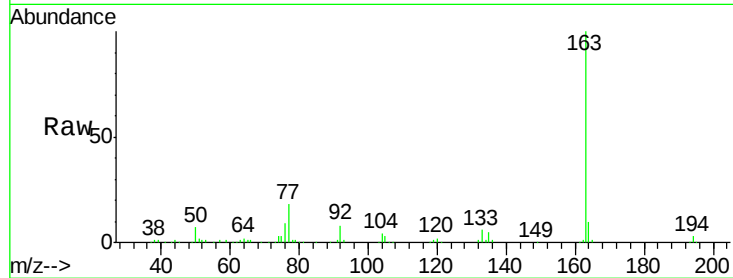




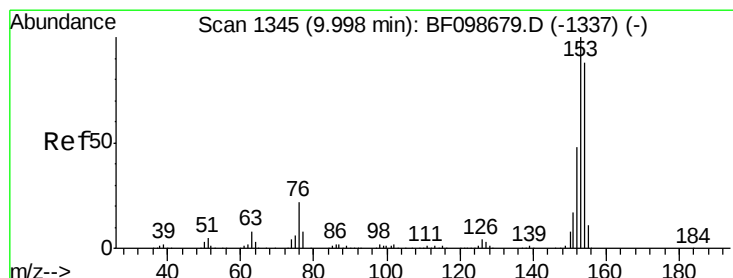
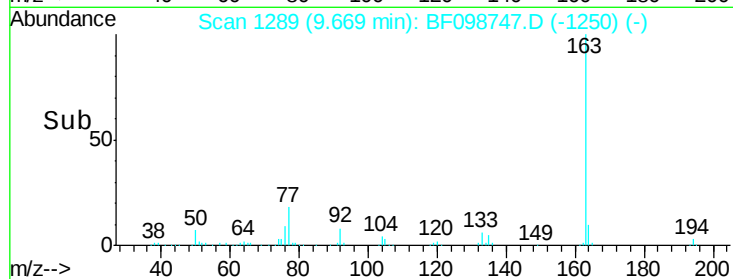
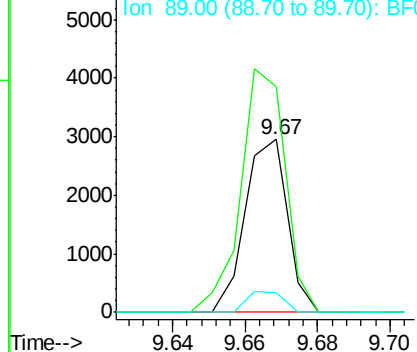
#50
2,6-Dinitrotoluene
Concen: 0.57 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 2382
Ion Ratio Lower Upper
165 100
63 130.8 44.7 67.1#
89 11.3 44.0 66.0#

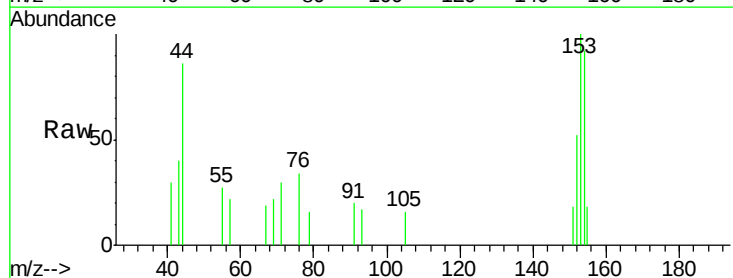


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

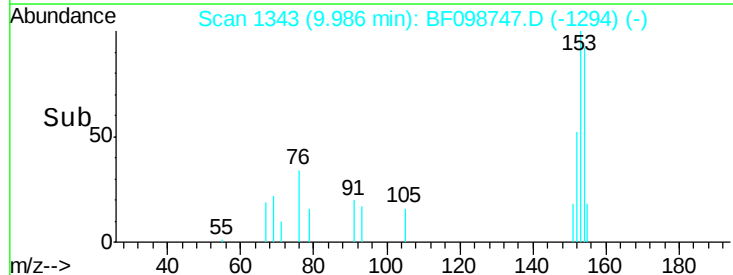
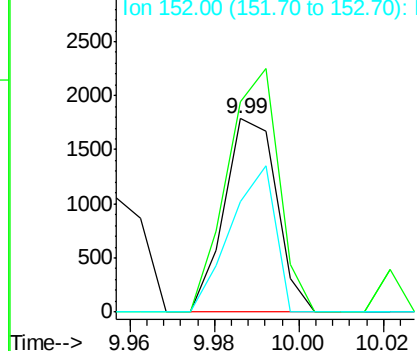


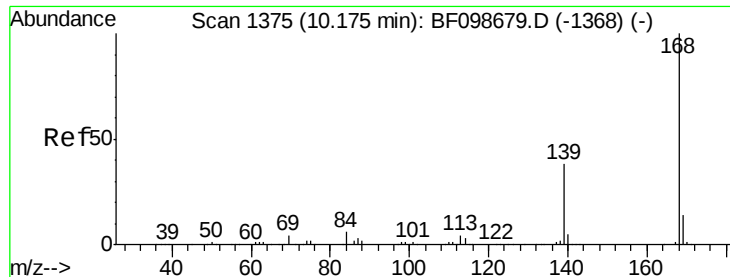
#51
Acenaphthene
Concen: 0.10 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:154 Resp: 1529
Ion Ratio Lower Upper
154 100
153 109.2 91.2 136.8
152 56.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

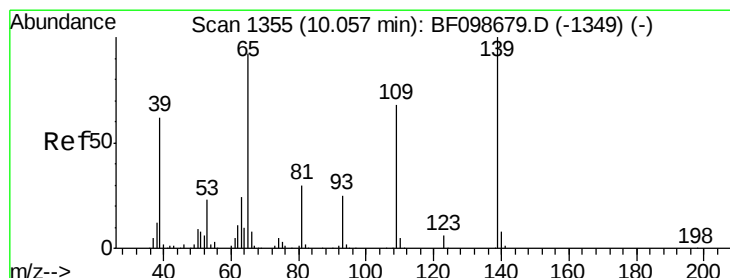
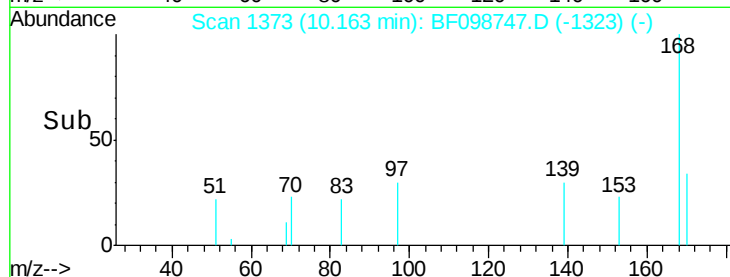
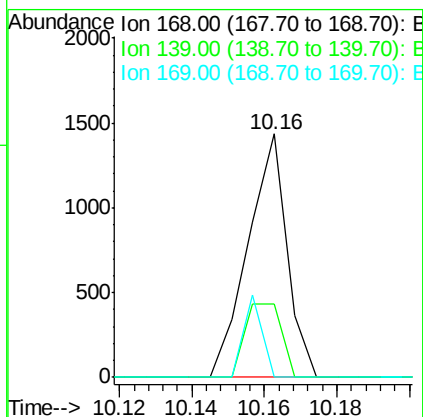
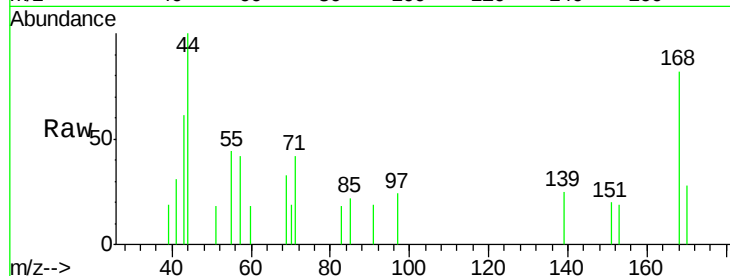




#54
Dibenzenofuran
Concen: 0.05 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

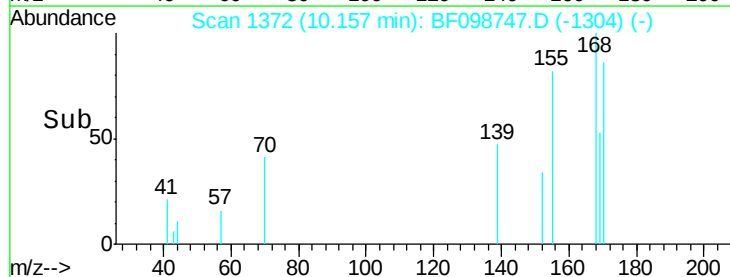
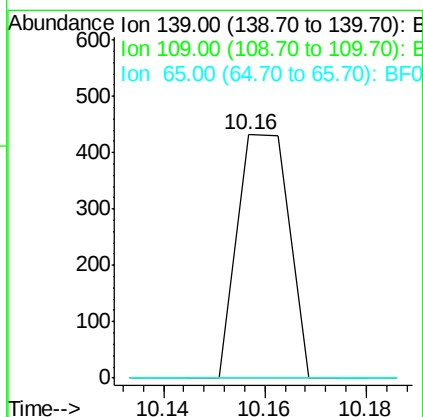
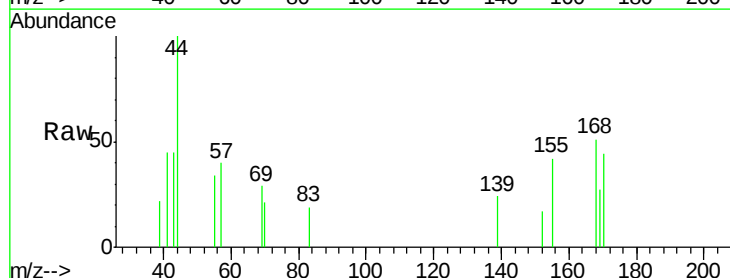
Instrument :
BNA_F
ClientSampleId :

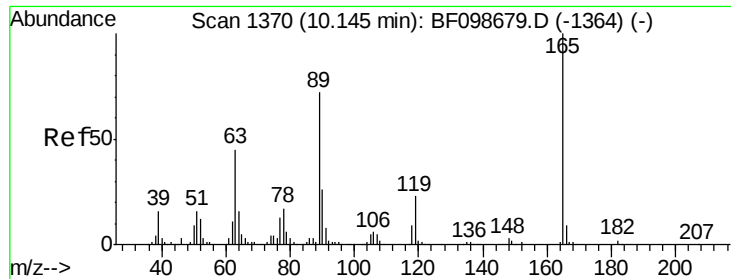
Tot Ion:168 Resp: 1079
Ion Ratio Lower Upper
168 100
139 30.0 30.1 45.1#
169 0.0 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.07 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:139 Resp: 305
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

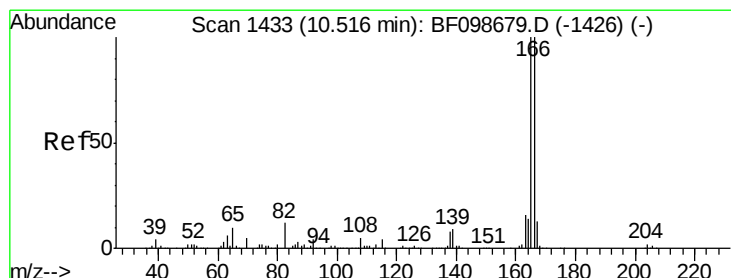
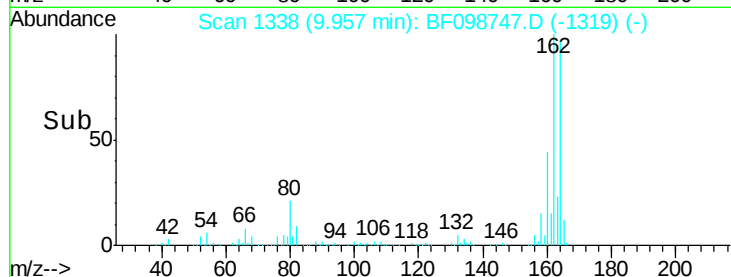
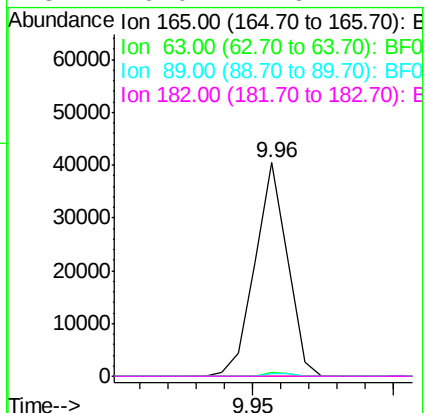
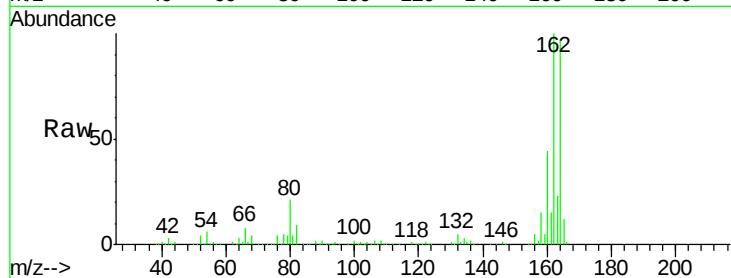




#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

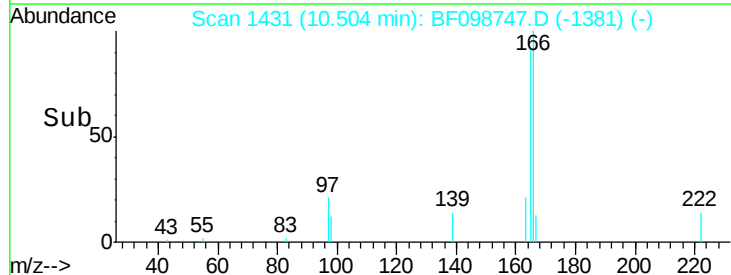
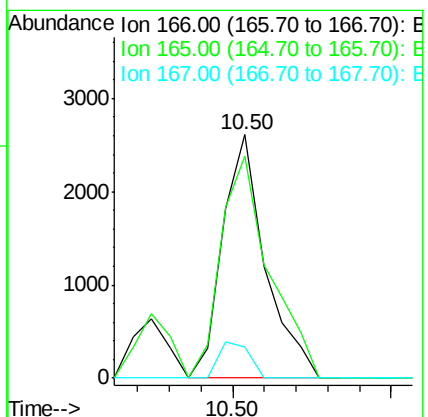
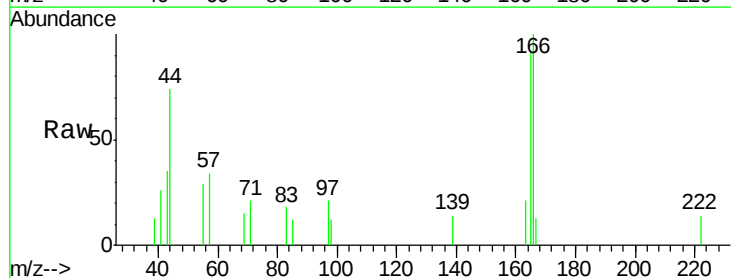
Instrument :
BNA_F
ClientSampleId :

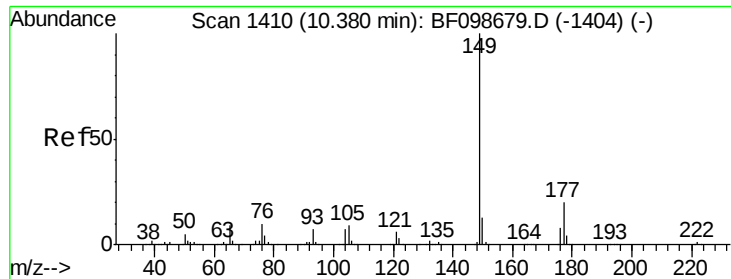
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.14 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.0	79.8	119.8
167	12.8	10.6	16.0

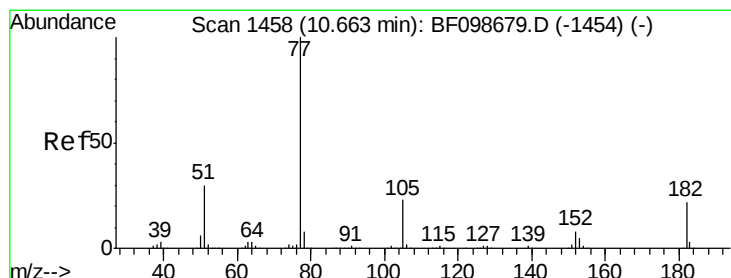
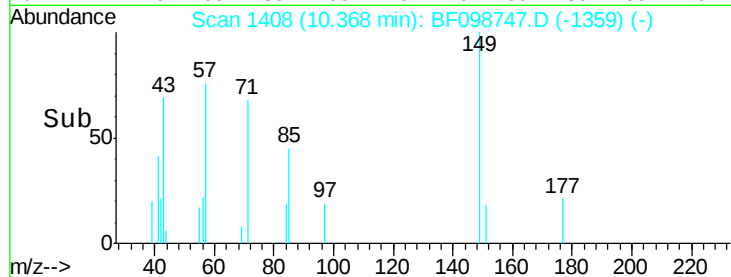
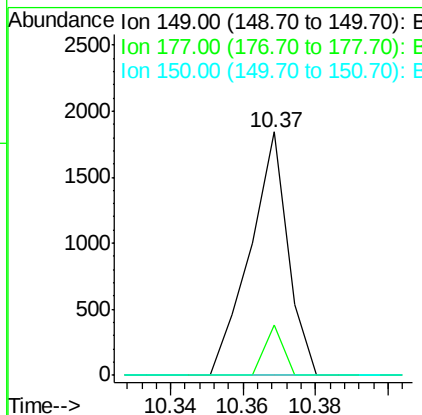
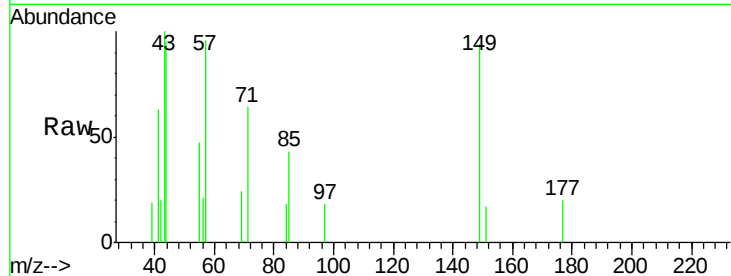




#59
Diethylphthalate
Concen: 0.07 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

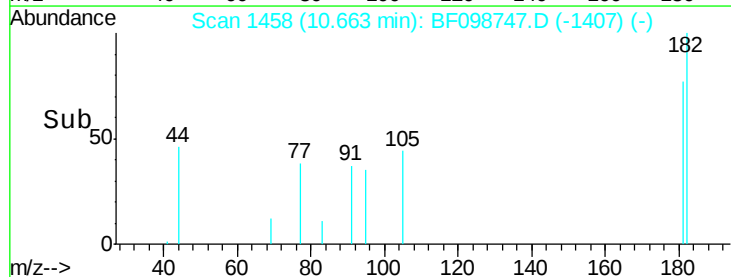
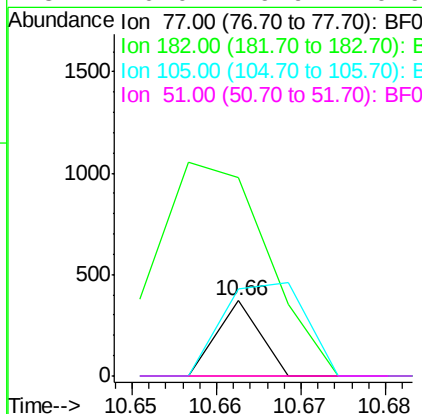
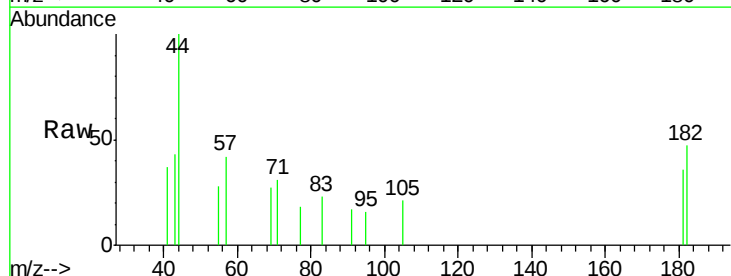
Instrument :
BNA_F
ClientSampled :

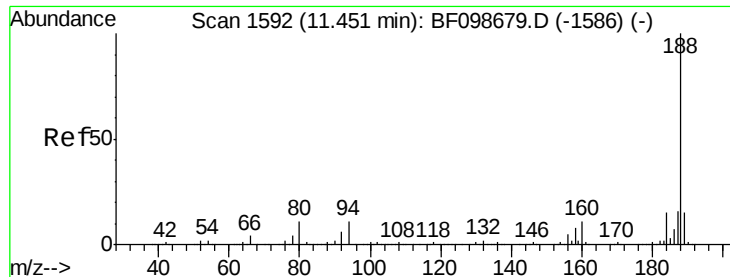
Tot Ion:149 Resp: 1355
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.01 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion: 77 Resp: 131
Ion Ratio Lower Upper
77 100
182 263.7 1.7 41.7#
105 116.1 3.0 43.0#
51 0.0 9.9 49.9#

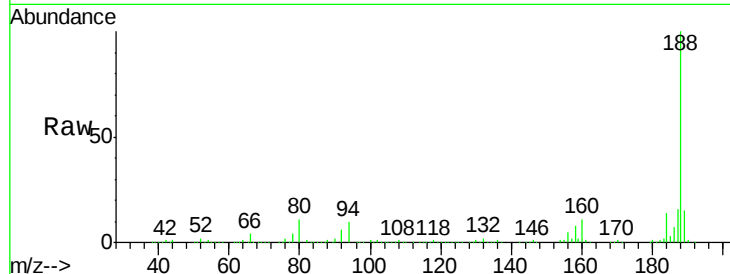




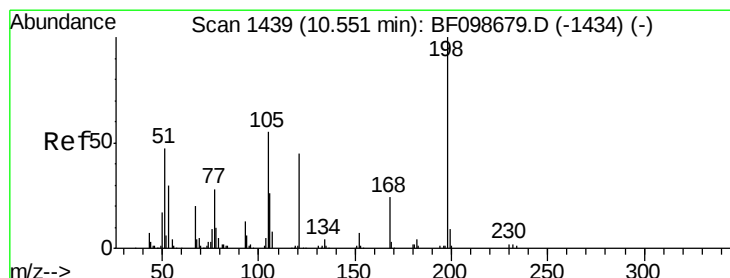
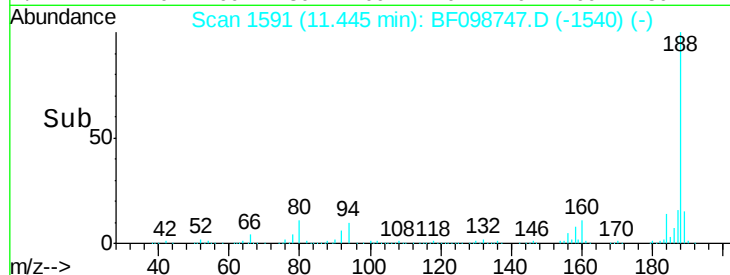
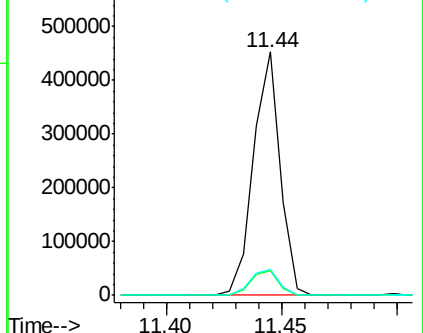
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

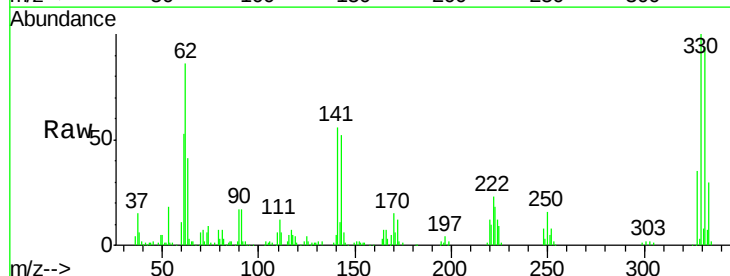


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

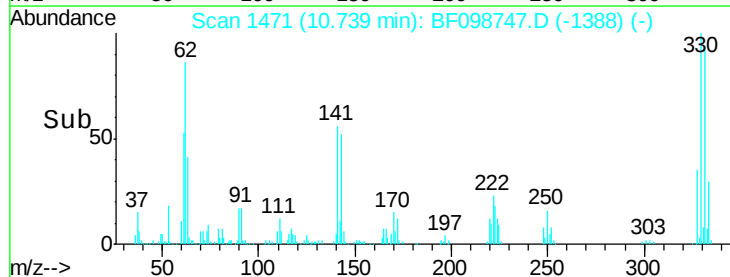
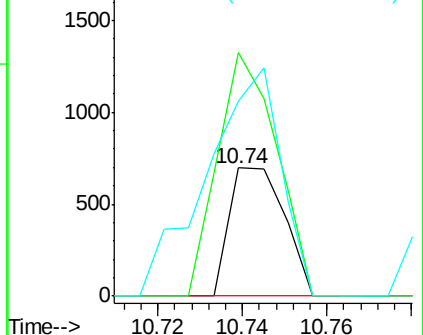


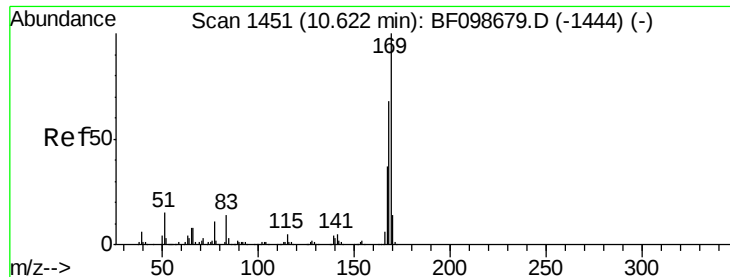
#64
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.19 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
198	100		
51	190.4	37.7	77.7#
105	152.0	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

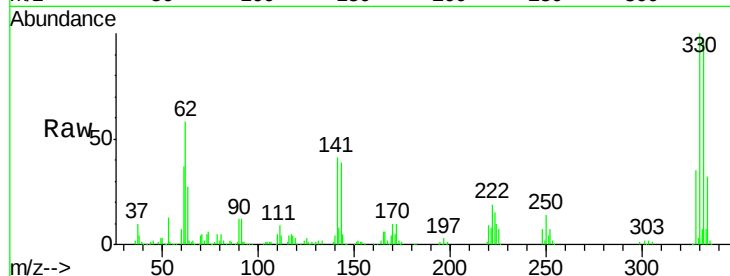




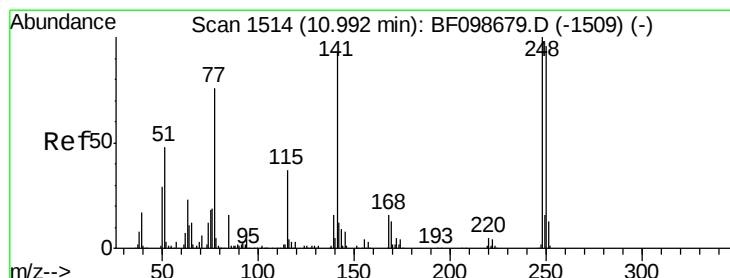
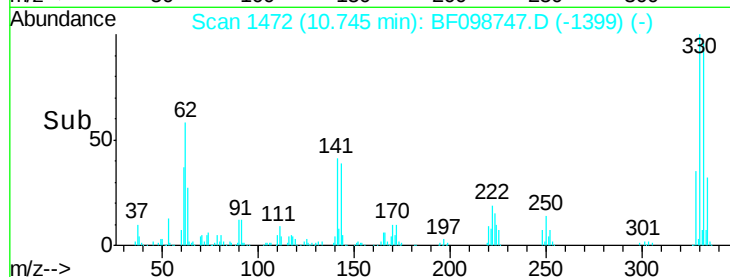
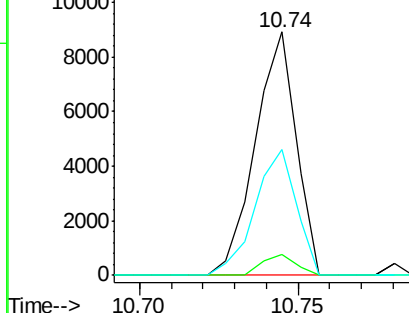
#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 10.74 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 8003
Ion Ratio Lower Upper
169 100
168 8.7 54.4 81.6#
167 51.7 29.8 44.6#

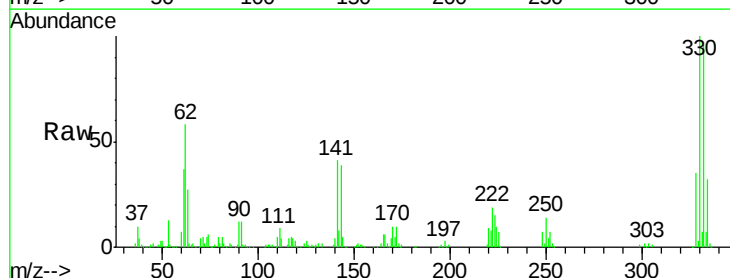


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

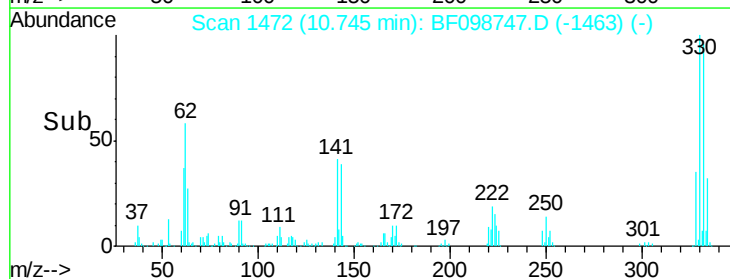
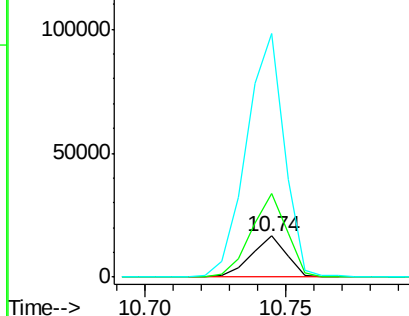


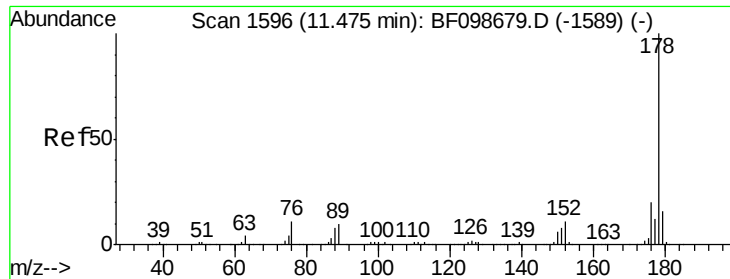
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:248 Resp: 14348
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 597.5 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

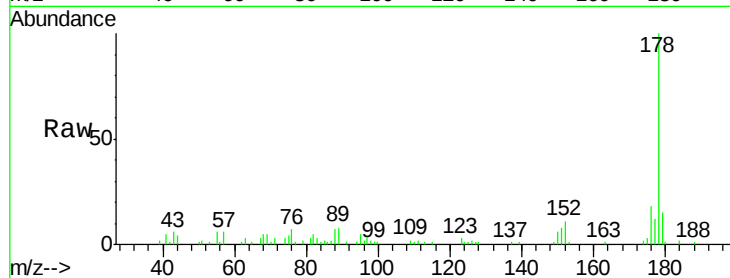




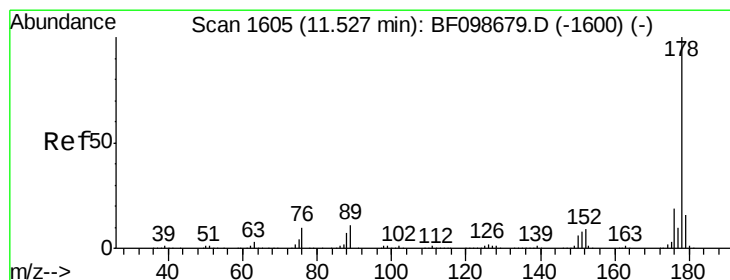
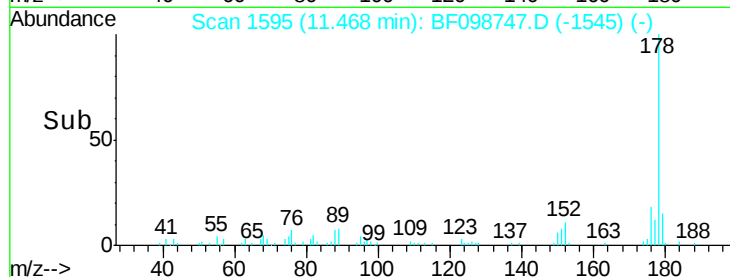
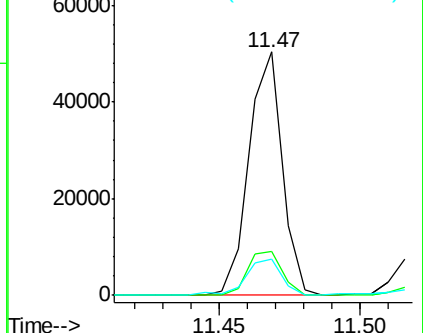
#70
Phenanthrene
Concen: 2.10 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 41295
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 14.8 13.0 19.6

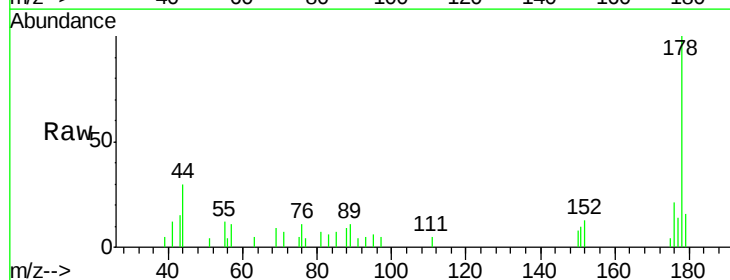


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

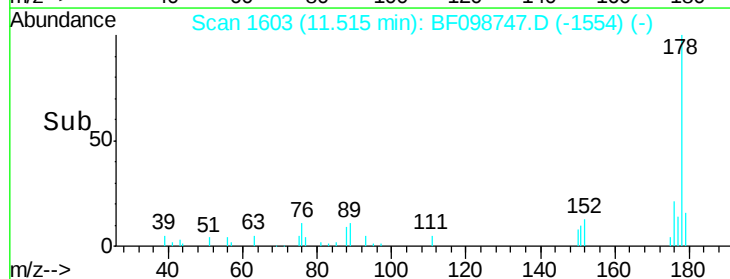
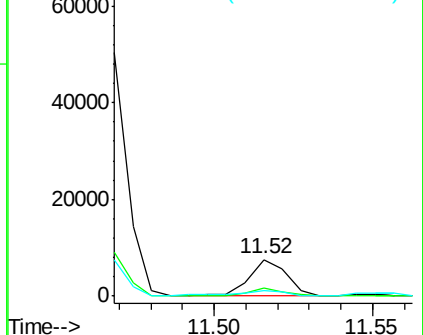


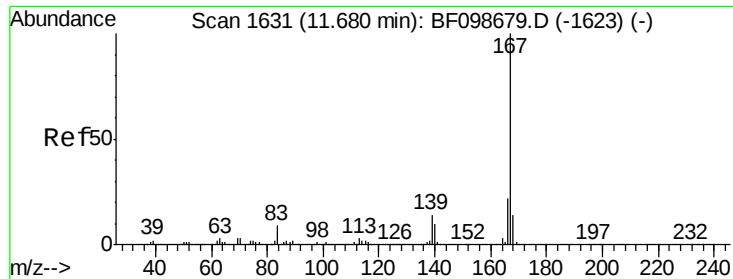
#71
Anthracene
Concen: 0.32 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:178 Resp: 6342
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.2
179 16.1 12.6 19.0



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

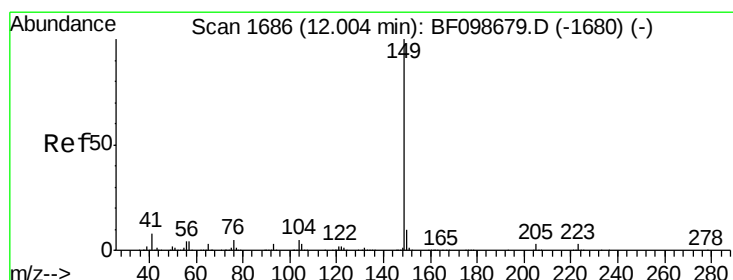
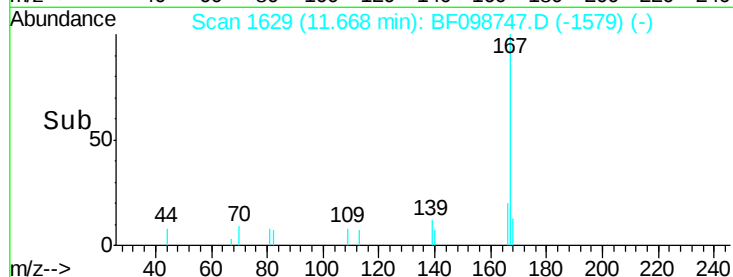
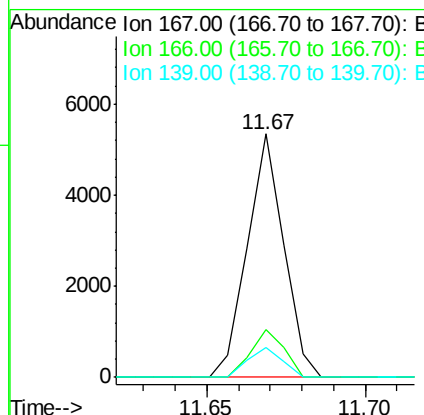
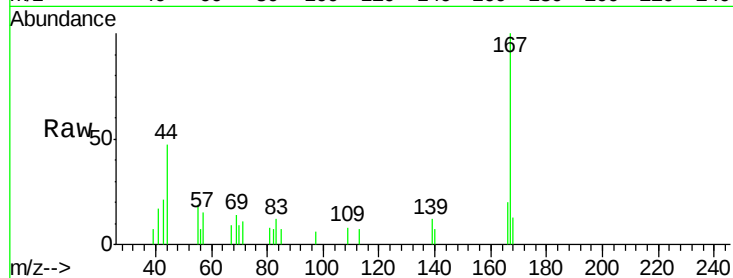




#72
 Carbazole
 Concen: 0.22 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

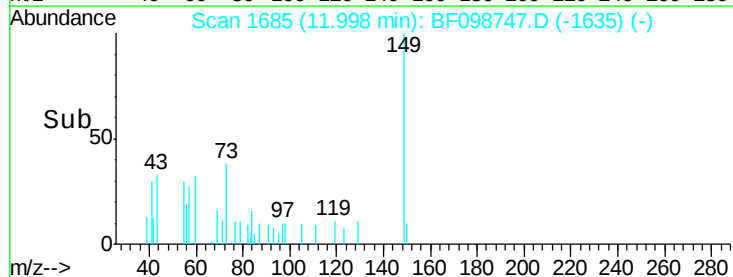
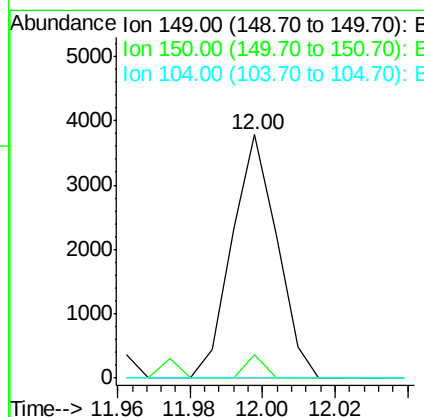
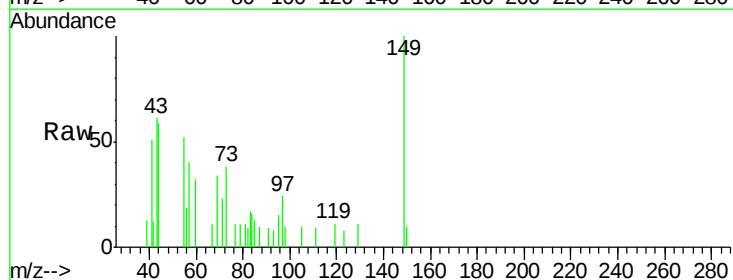
Instrument :
 BNA_F
 ClientSampleId :

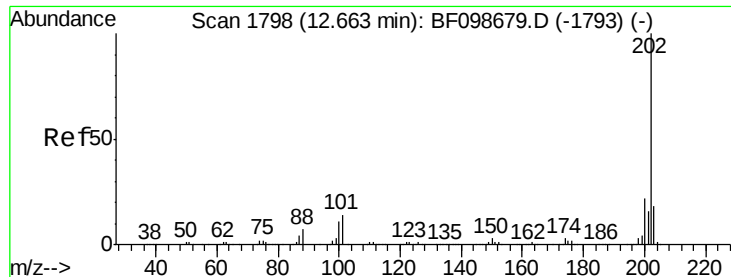
Tot Ion:167 Resp: 4259
 Ion Ratio Lower Upper
 167 100
 166 19.8 17.6 26.4
 139 12.1 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 0.14 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:149 Resp: 3276
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 0.0 3.8 5.8#

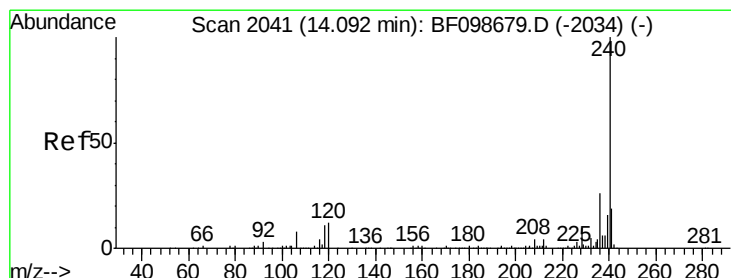
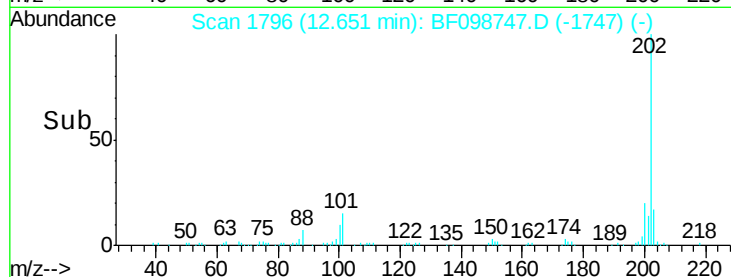
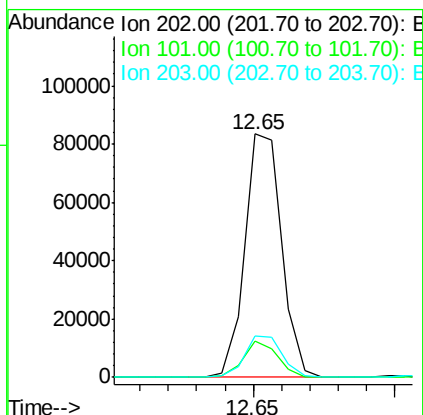
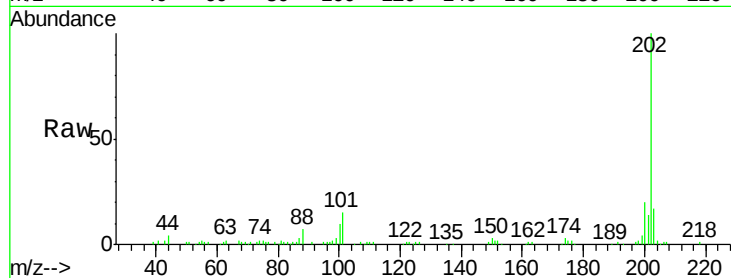




#74
 Fluoranthene
 Concen: 3.78 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

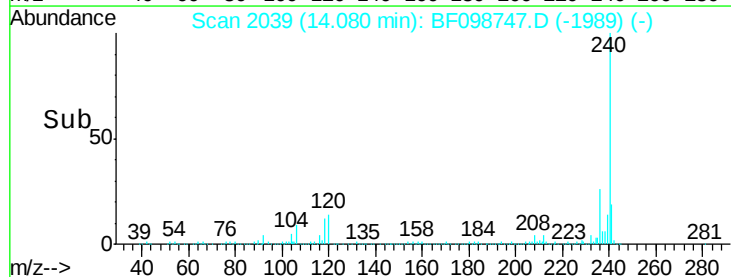
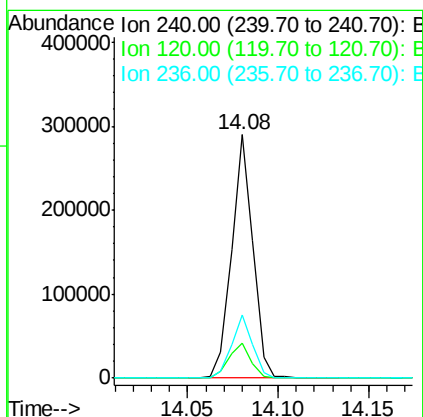
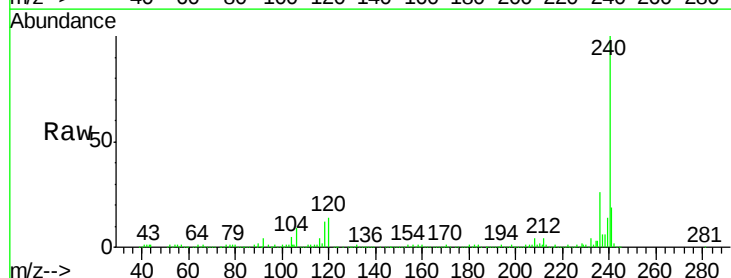
Instrument :
 BNA_F
 ClientSampleId :

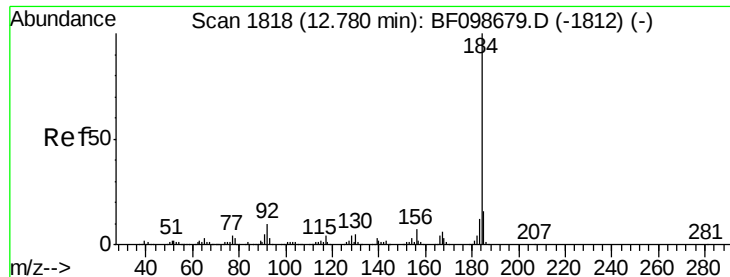
Tot Ion:202 Resp: 75284
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 34.1
 203 17.1 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:240 Resp: 237060
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.7 20.7 31.1





#76

Benzidine

Concen: 1.39 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.25 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

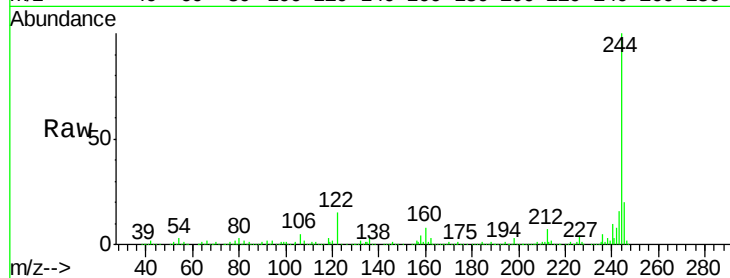
Tot Ion:184 Resp: 12204

Ion Ratio Lower Upper

184 100

185 19.2 12.6 18.8#

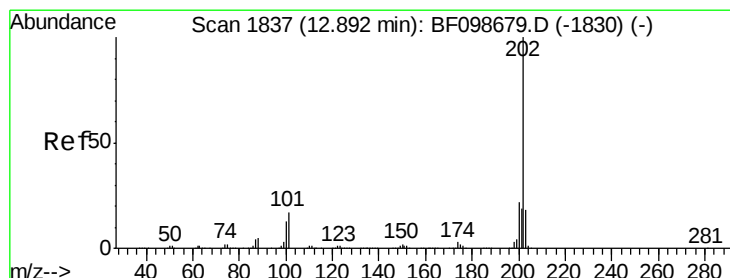
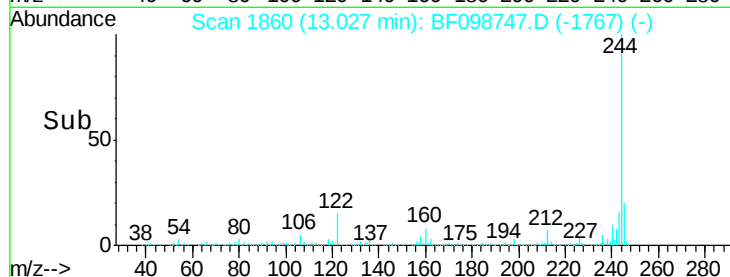
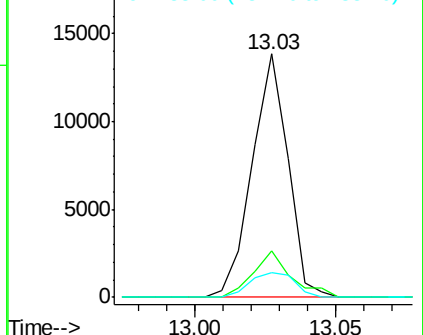
183 10.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 4.03 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

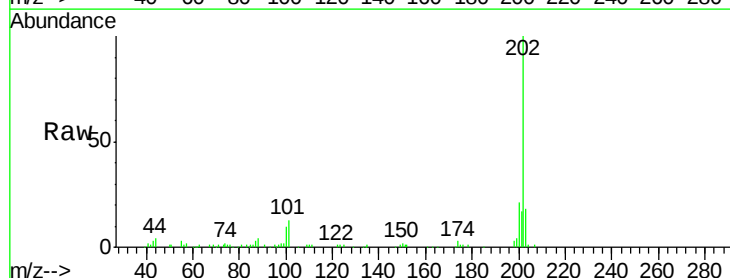
Tgt Ion:202 Resp: 72903

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

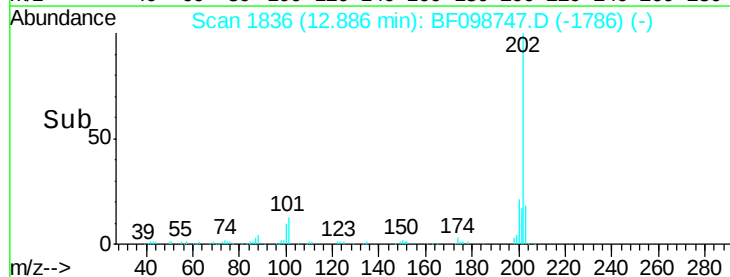
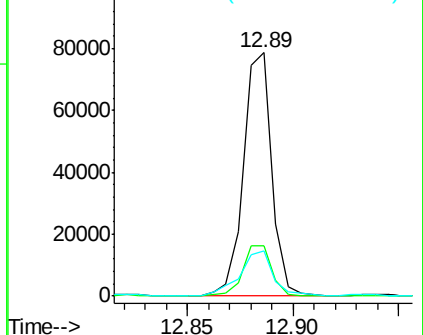
203 18.3 14.3 21.5

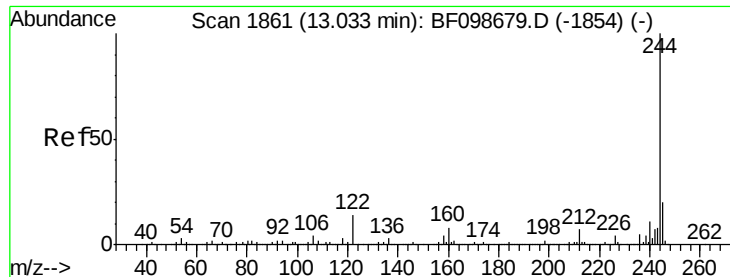


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

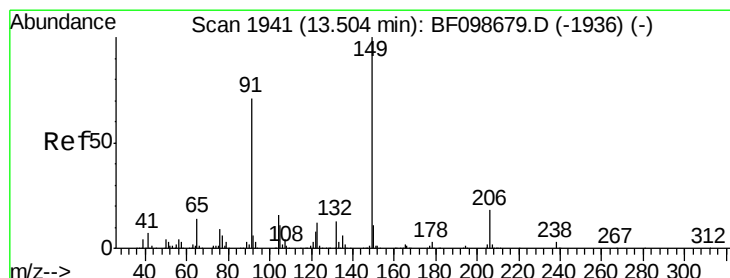
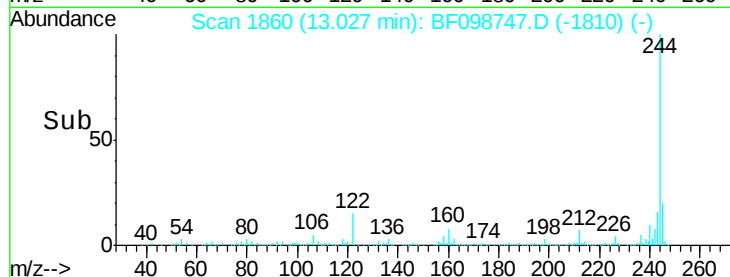
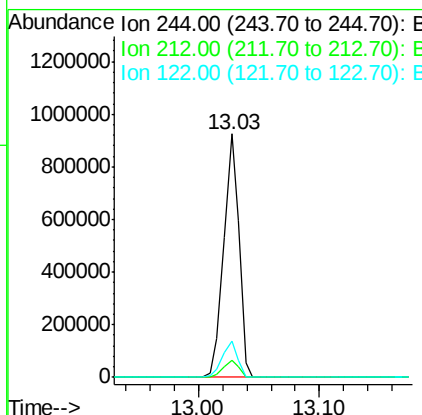
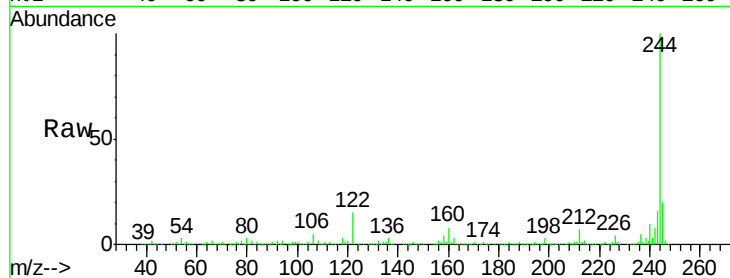




#78
 Terphenyl-d14
 Concen: 77.38 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

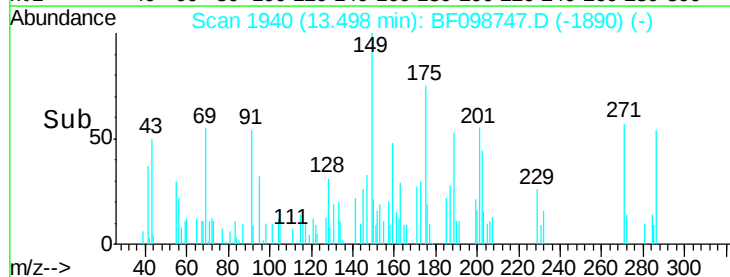
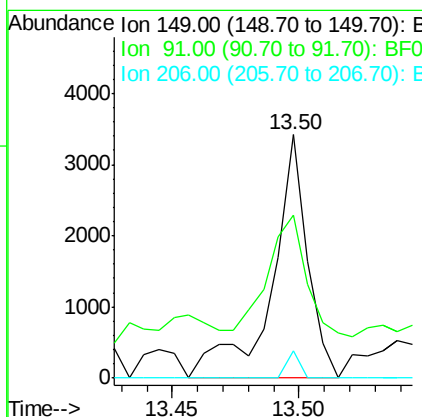
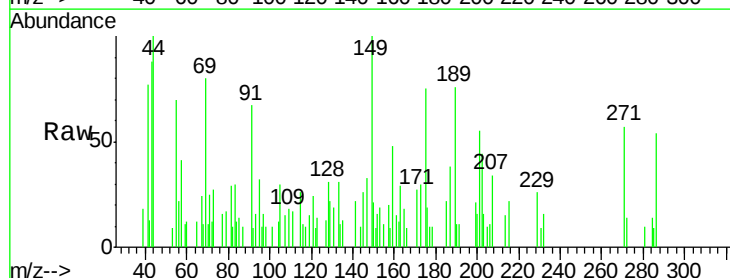
Instrument :
 BNA_F
 ClientSampleId :

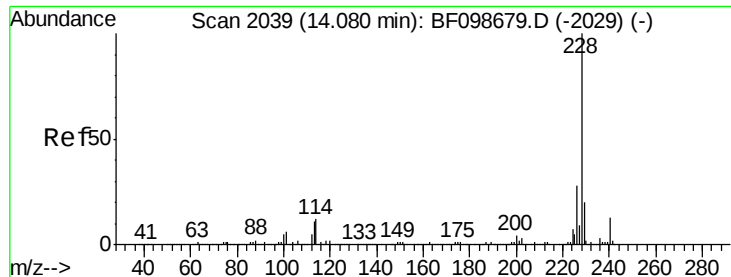
Tot Ion:244 Resp: 806596
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 15.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.40 ng
 RT: 13.50 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:149 Resp: 3364
 Ion Ratio Lower Upper
 149 100
 91 66.9 56.8 85.2
 206 11.5 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

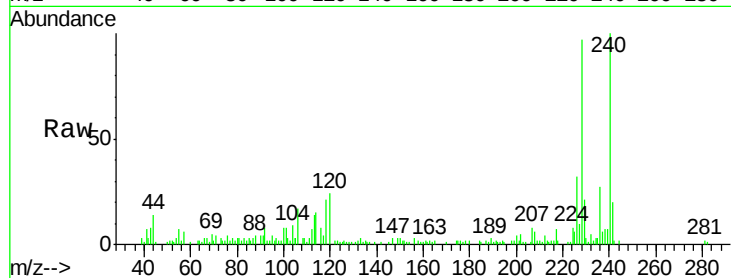
Tot Ion:228 Resp: 29158

Ion Ratio Lower Upper

228 100

226 33.0 22.6 33.8

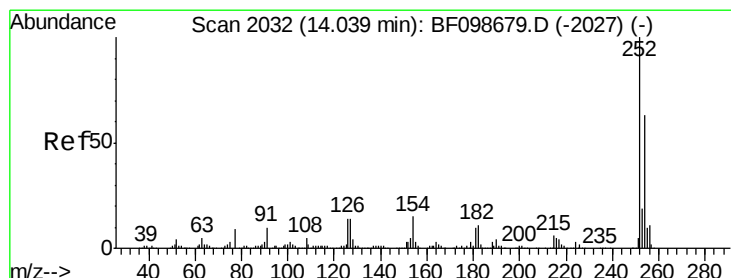
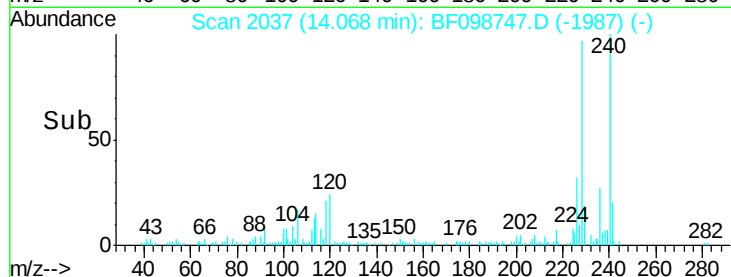
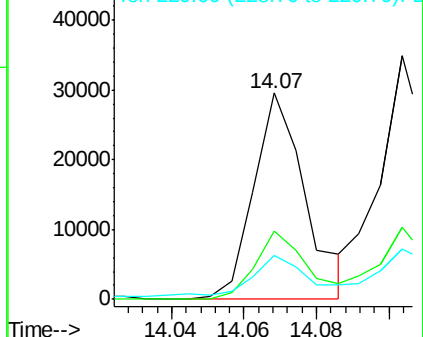
229 21.5 15.8 23.6



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: 0.02 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.08 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

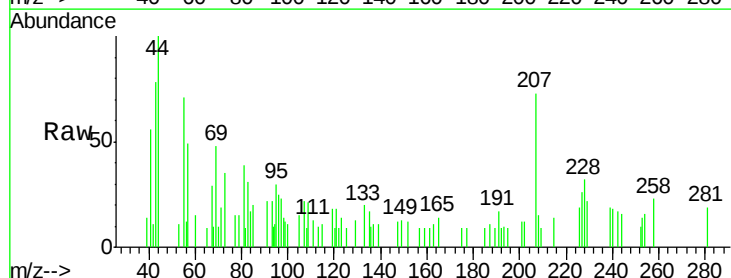
Tgt Ion:252 Resp: 125

Ion Ratio Lower Upper

252 100

254 153.2 50.4 75.6#

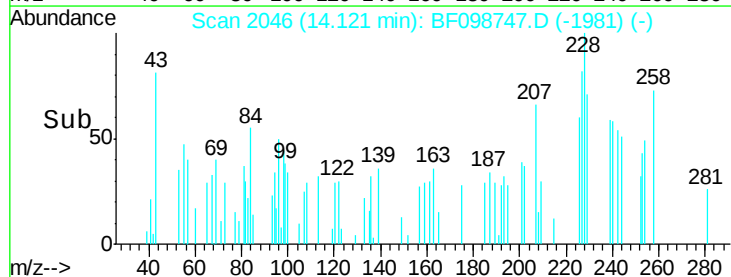
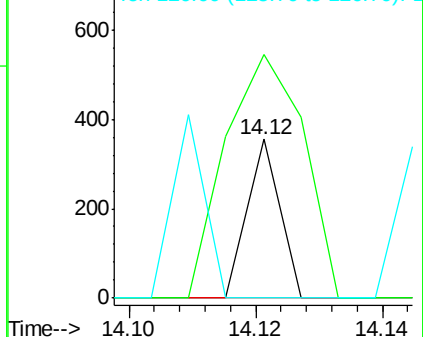
126 0.0 11.3 16.9#

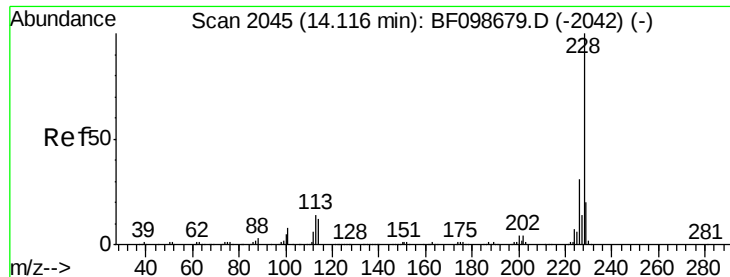


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

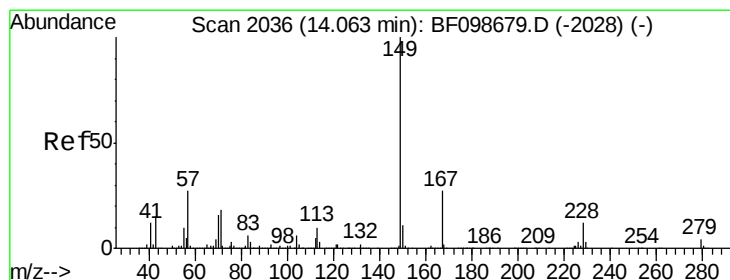
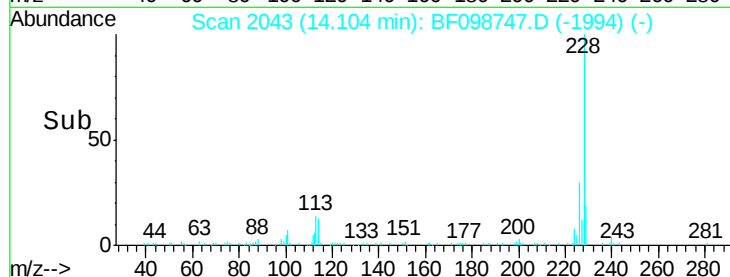
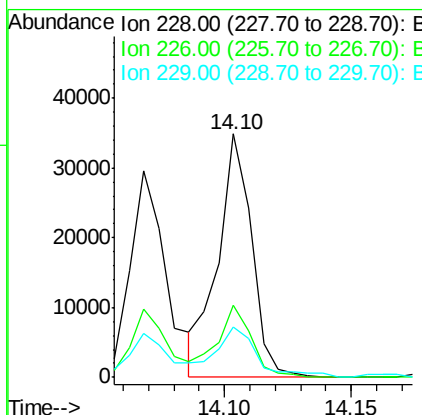
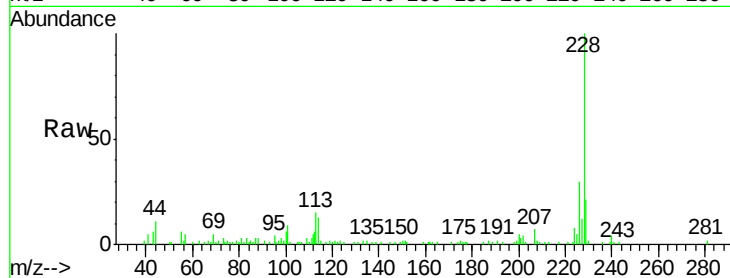




#82
 Chrysene
 Concen: 2.37 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

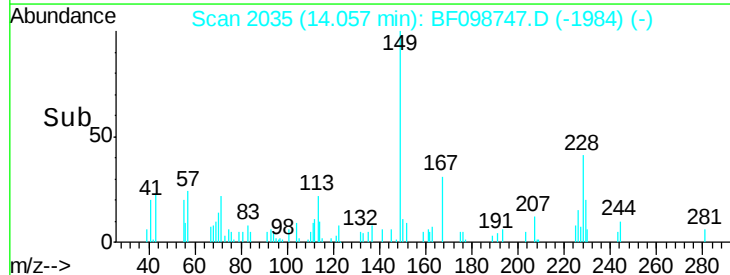
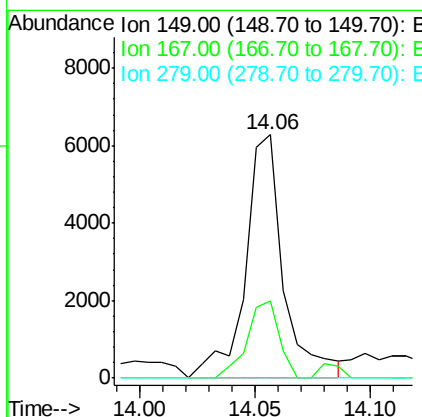
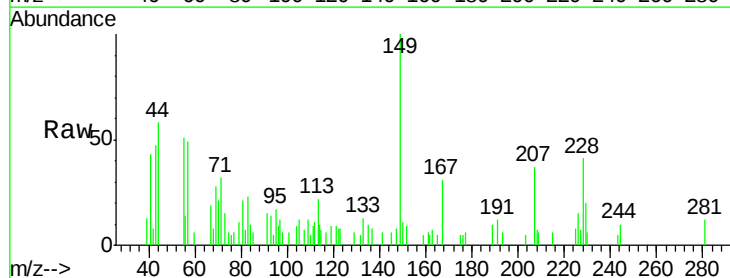
Instrument :
 BNA_F
 ClientSampleId :

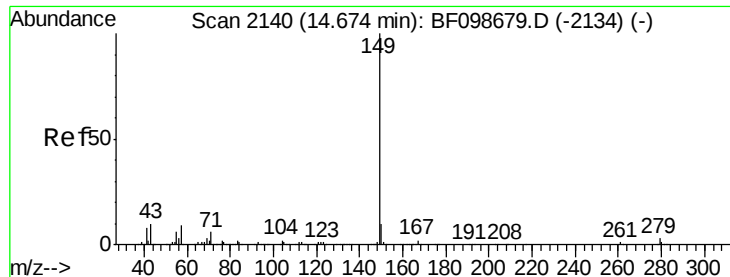
Tot Ion:228 Resp: 32363
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.0 37.6
 229 20.9 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.62 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:149 Resp: 7245
 Ion Ratio Lower Upper
 149 100
 167 31.5 21.3 31.9
 279 0.0 3.0 4.4#

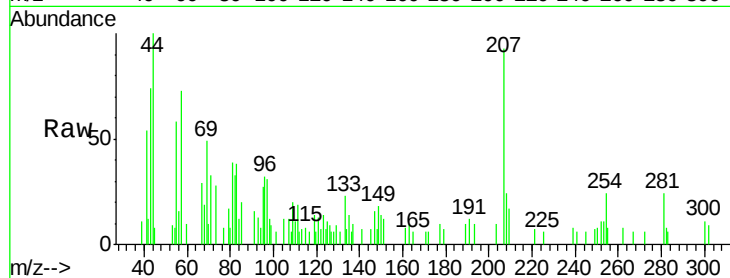




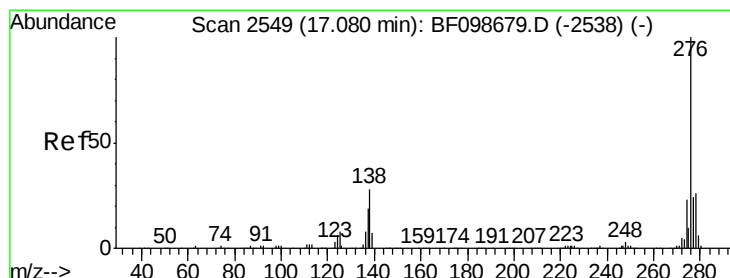
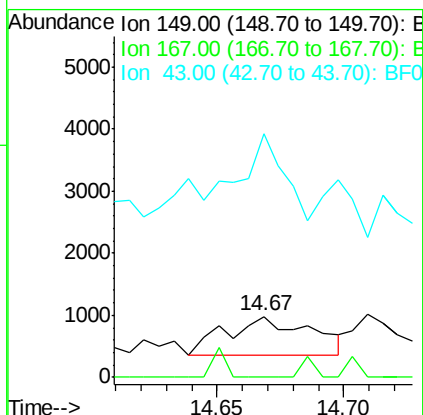
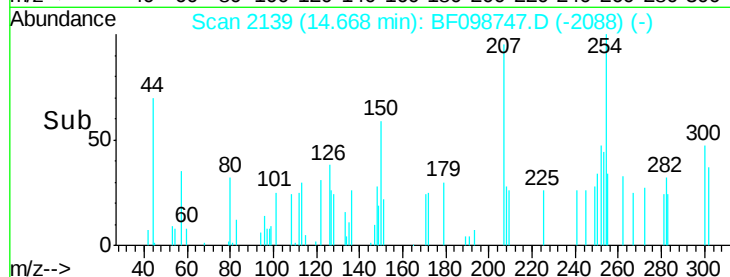
#84
 Di-n-octyl phthalate
 Concen: 0.08 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1443
 Ion Ratio Lower Upper
 149 100
 167 8.0 1.2 1.8#
 43 117.8 8.4 12.6#

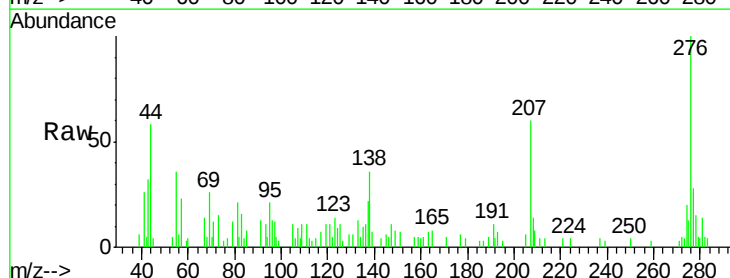


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

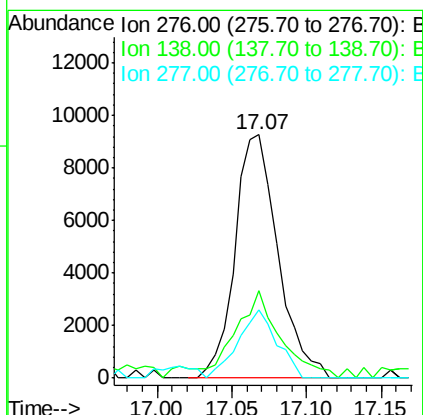
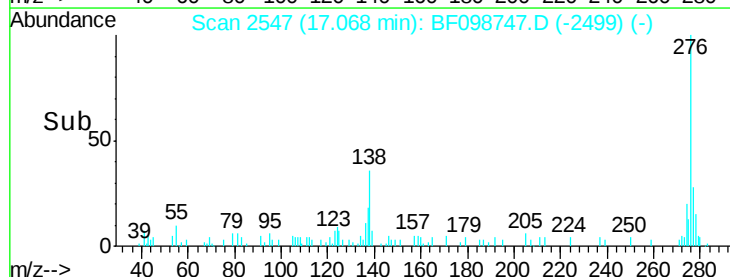


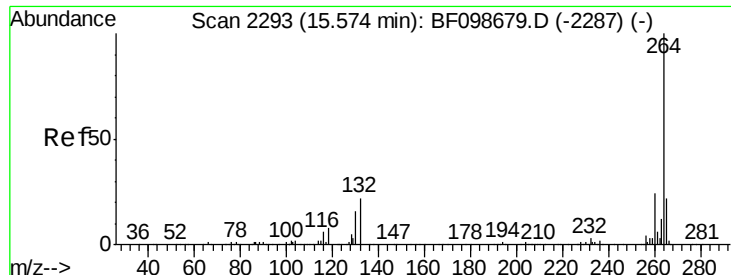
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.69 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:276 Resp: 18504
 Ion Ratio Lower Upper
 276 100
 138 37.4 25.0 37.6
 277 25.1 20.1 30.1



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

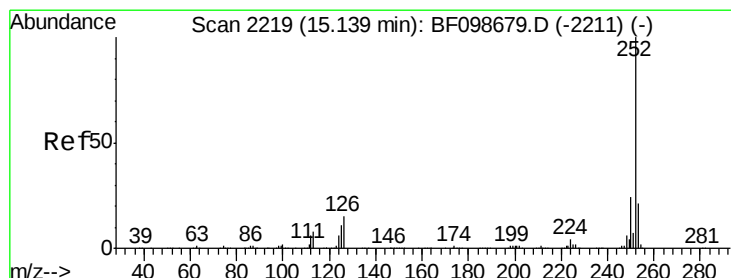
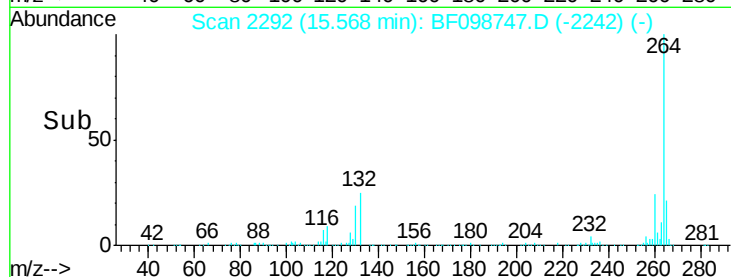
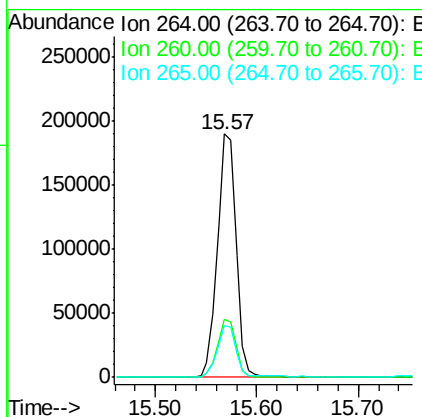
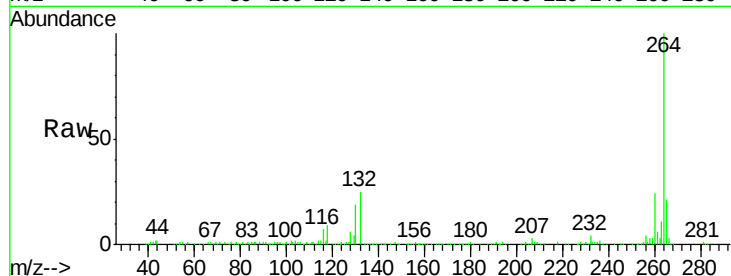




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

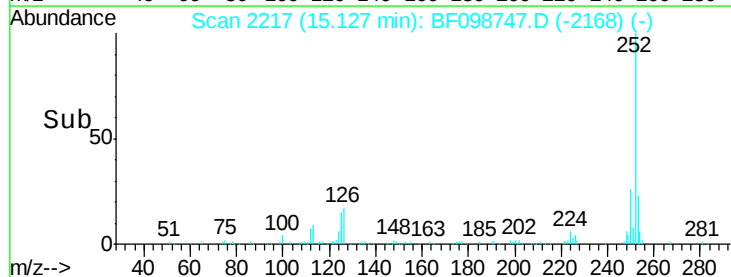
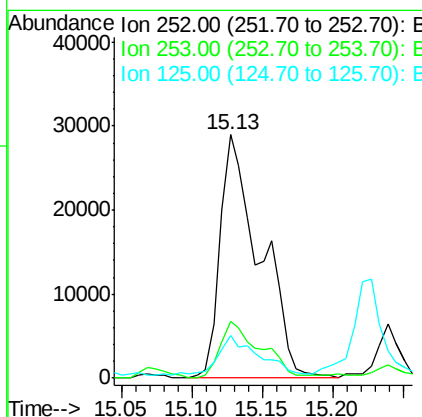
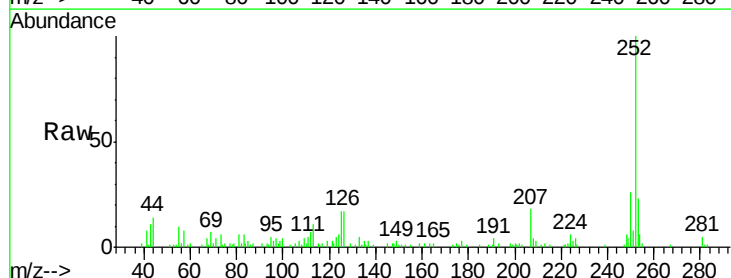
Instrument :
BNA_F
ClientSampleId :

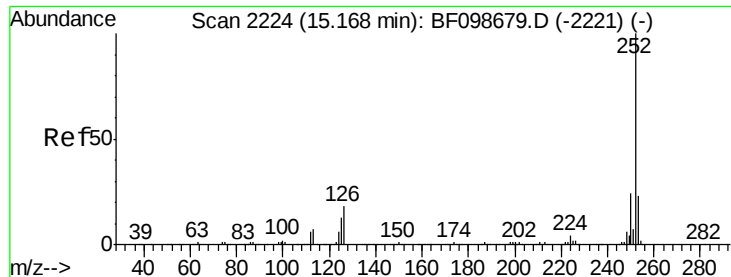
Tot Ion:264 Resp: 245474
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.80 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:252 Resp: 57282
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 17.5 9.0 13.6#

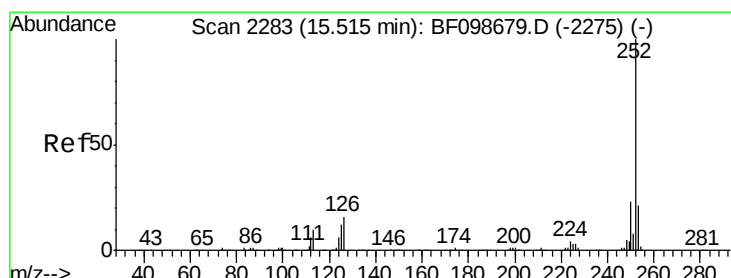
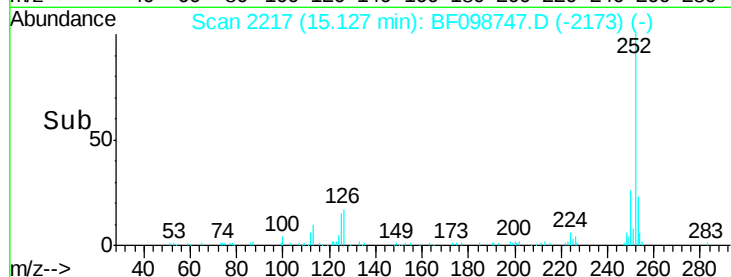
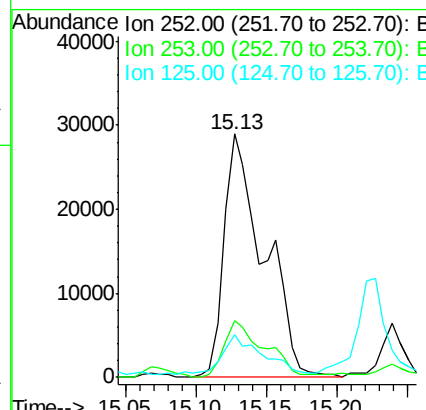
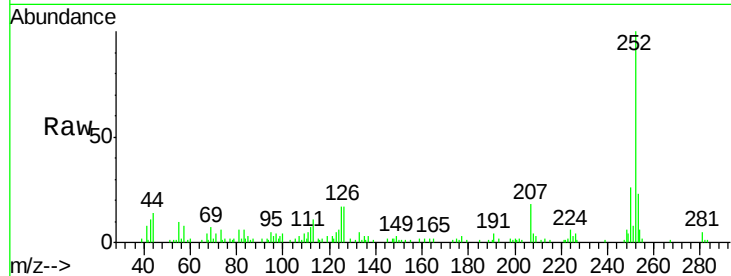




#88
Benzo(k)fluoranthene
Concen: 3.84 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

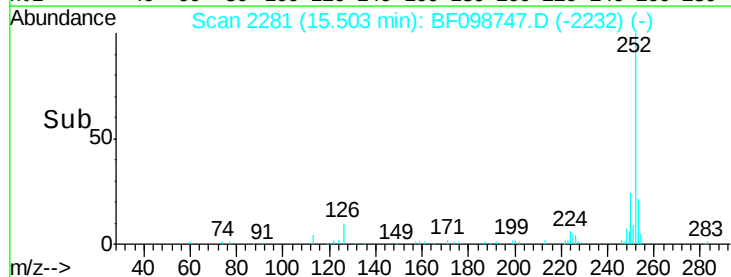
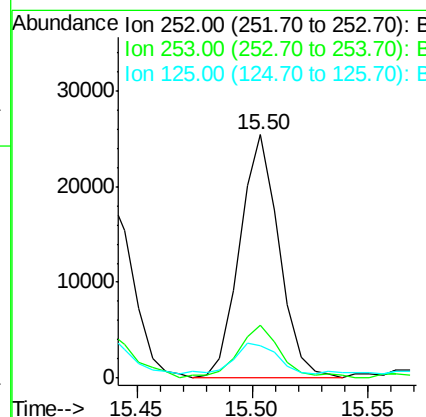
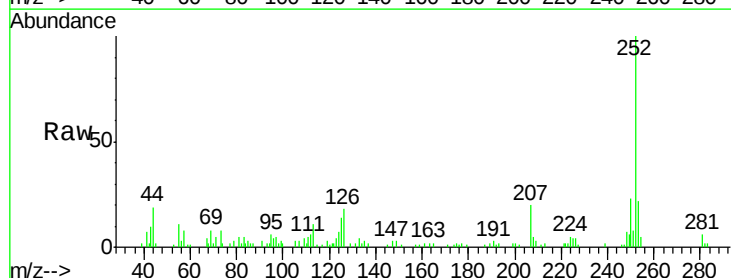
Instrument :
BNA_F
ClientSampleId :

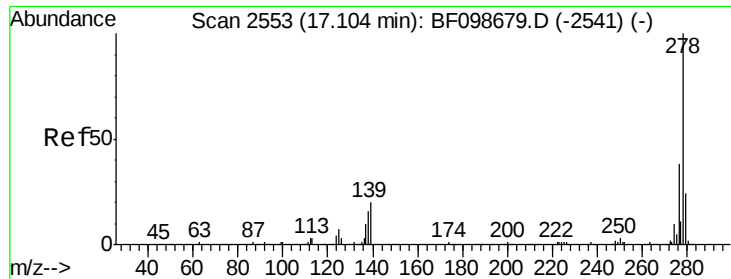
Tot Ion:252 Resp: 57282
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 17.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 2.18 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion:252 Resp: 30172
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 0.44 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.02 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

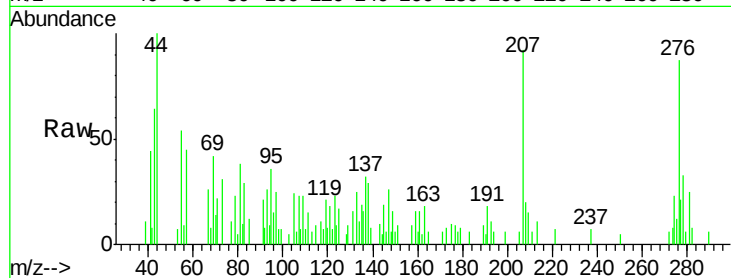
Tot Ion:278 Resp: 4845

Ion Ratio Lower Upper

278 100

139 23.3 15.9 23.9

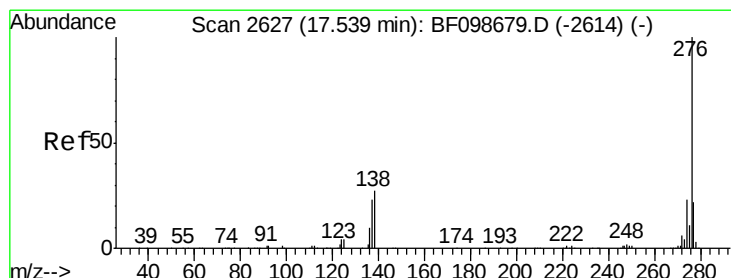
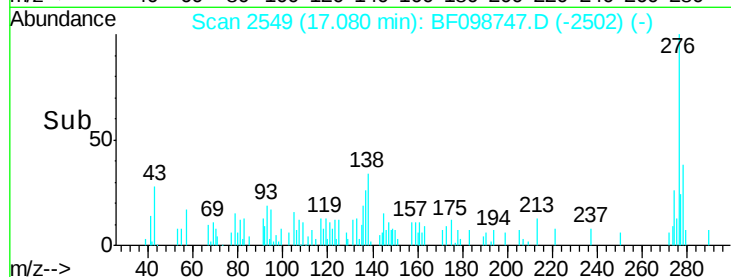
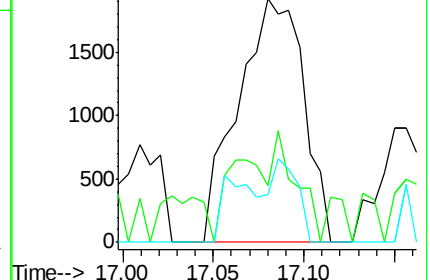
279 19.8 19.0 28.4



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(g,h,i)perylene

Concen: 1.58 ng

RT: 17.52 min Scan# 2624

Delta R.T. -0.02 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

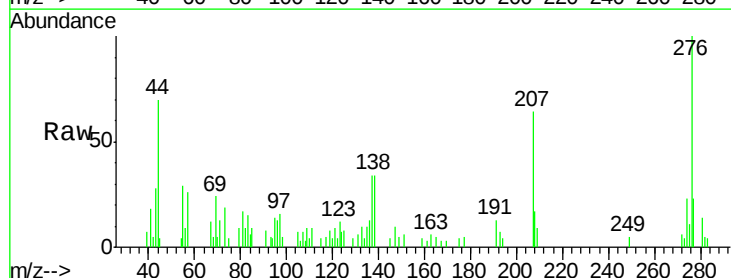
Tgt Ion:276 Resp: 17349

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 34.3 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

