

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098687.D
 Acq On : 22 Sep 2017 9:20
 Operator : SJ/JU
 Sample : PB102454BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Quant Time: Sep 22 11:54:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	157325	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	661491	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	303433	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	541805	20.00	ng	0.00
75) Chrysene-d12	14.08	240	451654	20.00	ng	0.00
86) Perylene-d12	15.57	264	366164	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1167439	112.68	ng	0.01
7) Phenol-d6	6.55	99	1374646	109.57	ng	0.00
23) Nitrobenzene-d5	7.49	82	840719	86.21	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	336094	121.12	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1533614	80.43	ng	0.00
78) Terphenyl-d14	13.03	244	1402156	66.66	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.69	93	1454	0.087	ng	# 1
8) 2-Chlorophenol	6.71	128	552	0.049	ng	# 33
9) Benzaldehyde	6.55	77	2017	0.287	ng	# 1
10) Phenol	6.55	94	362	0.026	ng	# 1
11) bis(2-Chloroethyl)ether	6.69	93	1454	0.136	ng	# 1
12) 1,3-Dichlorobenzene	7.08	146	157	0.013	ng	# 1
13) 1,4-Dichlorobenzene	7.08	146	157	0.013	ng	# 1
14) 1,2-Dichlorobenzene	7.09	146	245	0.022	ng	# 1
15) Benzyl Alcohol	7.08	79	14164	1.565	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	7.27	45	114	0.007	ng	# 70
17) 2-Methylphenol	7.09	107	111	0.012	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	108919	14.014	ng	# 77
20) 3+4-Methylphenols	7.09	107	111	0.009	ng	# 1
24) Nitrobenzene	7.49	77	2365	0.210	ng	# 37
25) Isophorone	7.49	82	839962	39.493	ng	# 64
45) 1,1'-Biphenyl	9.38	154	2974	0.114	ng	# 89
47) 2-Nitroaniline	9.28	65	2587	0.471	ng	# 1
50) 2,6-Dinitrotoluene	9.96	165	38397	8.551	ng	# 25
51) Acenaphthene	9.96	154	1147	0.061	ng	# 4
56) 2,4-Dinitrotoluene	9.96	165	38397	6.365	ng	# 23
57) Fluorene	10.74	166	15861	0.774	ng	# 93
59) Diethylphthalate	10.37	149	2986	0.134	ng	# 61
62) Azobenzene	10.74	77	1875	0.090	ng	# 12
64) 4,6-Dinitro-2-methylphenol	10.74	198	636	9.141	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	10793	0.579	ng	# 48
66) 4-Bromophenyl-phenylether	10.75	248	20162	3.685	ng	# 1
70) Phenanthrene	11.47	178	116	0.004	ng	# 59
71) Anthracene	11.52	178	116	0.004	ng	# 60
72) Carbazole	11.67	167	119	0.004	ng	# 59
73) Di-n-butylphthalate	12.00	149	1901	0.056	ng	# 78
74) Fluoranthene	12.88	202	116	0.004	ng	# 62
76) Benzidine	13.03	184	19716	1.075	ng	# 96
77) Pyrene	13.03	202	4843	0.144	ng	# 75
80) Benzo(a)anthracene	14.08	228	1112	0.041	ng	# 66

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

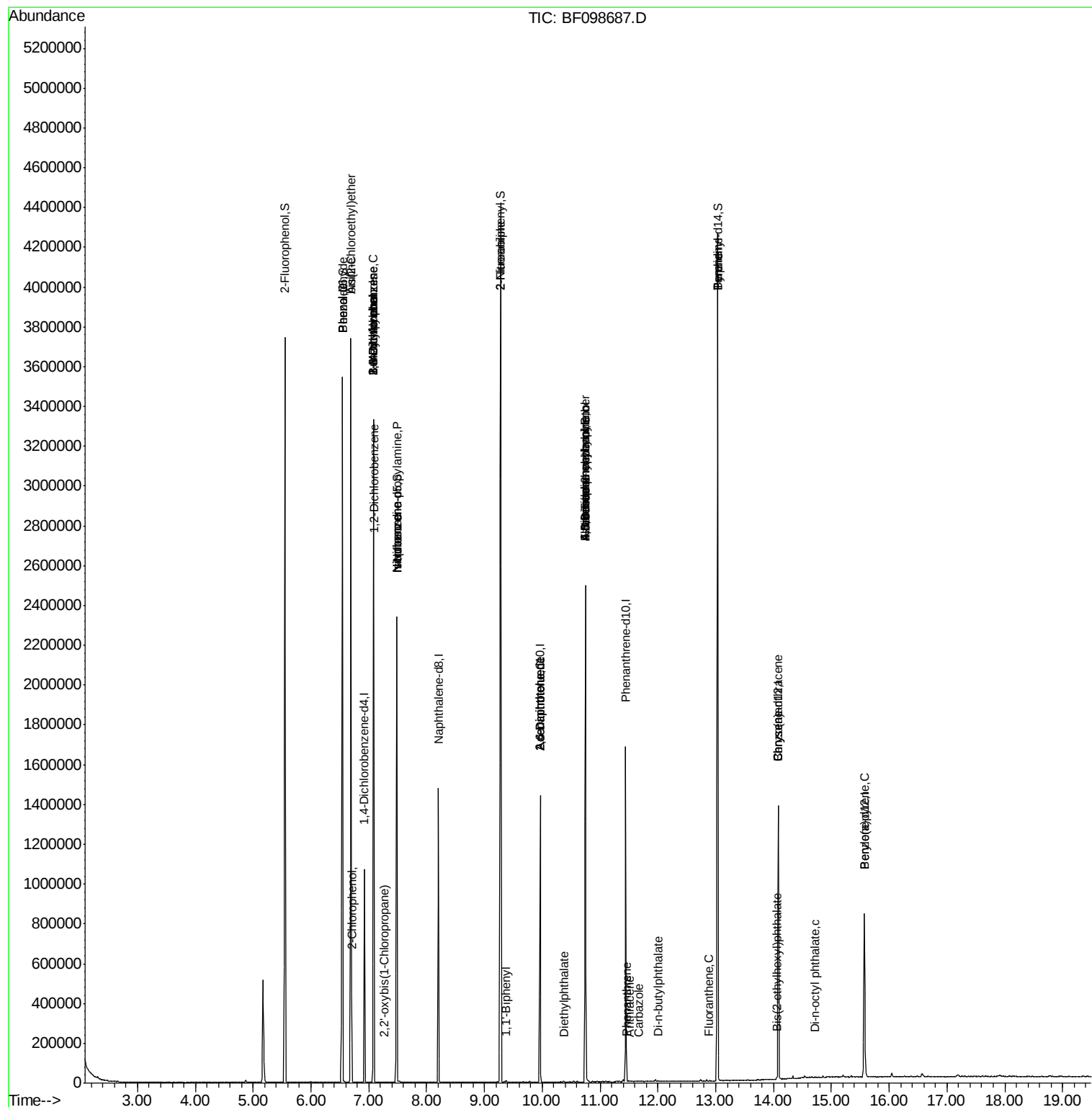
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.08	228	1112	0.042	ng	# 63
83) Bis(2-ethylhexyl)phthalate	14.06	149	4442	0.231	ng	# 97
84) Di-n-octyl phthalate	14.70	149	127	0.004	ng	# 75
89) Benzo(a)pyrene	15.57	252	931	0.048	ng	# 71

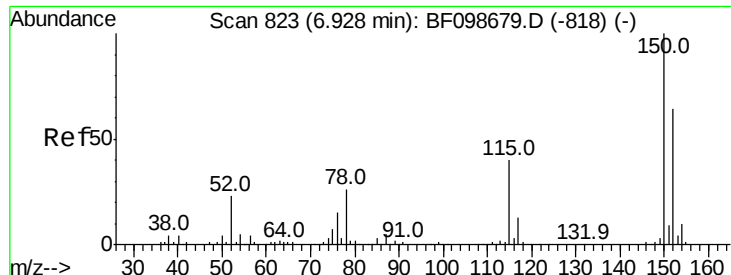
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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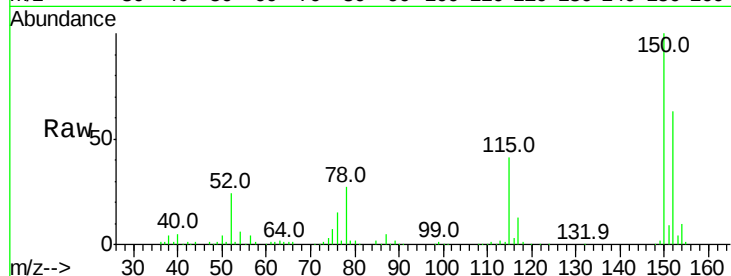


#1

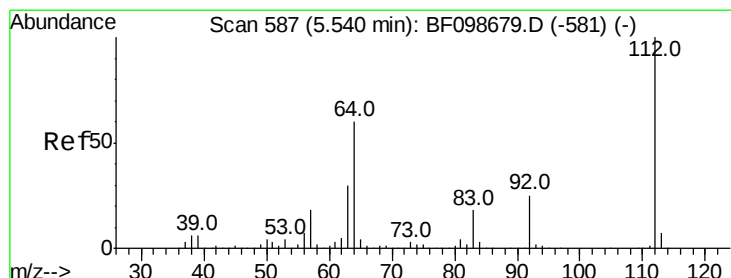
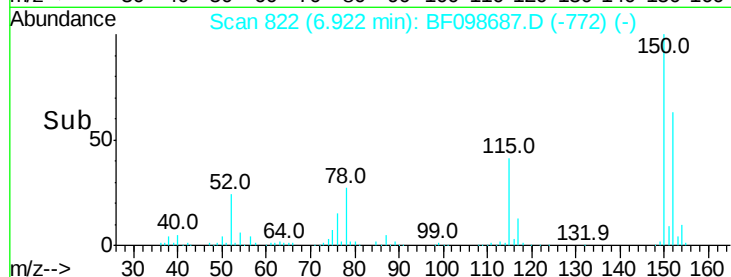
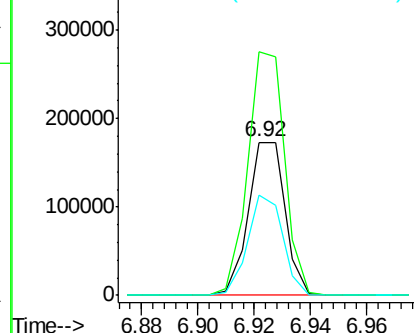
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Instrument :
BNA_F
ClientSampleId :
PB102454BL

Tot Ion:152 Resp: 157325
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 65.0 50.1 75.1



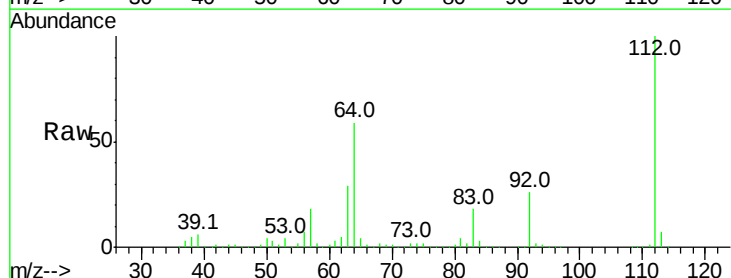
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



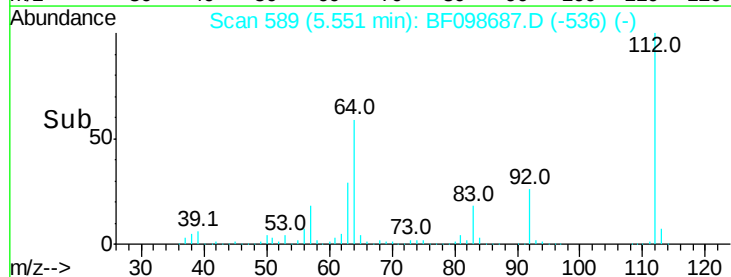
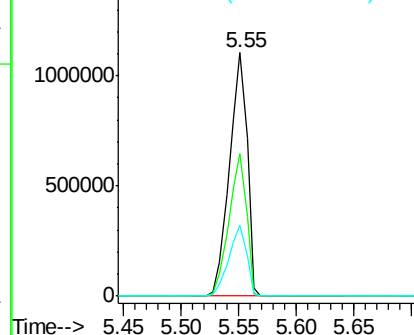
#5

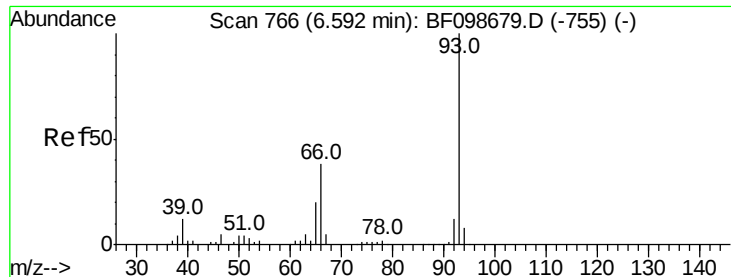
2-Fluorophenol
Concen: 112.683 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion:112 Resp: 1167439
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 28.9 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: 0.087 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.10 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

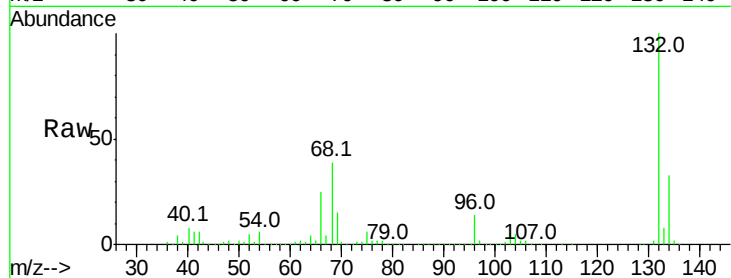
Tot Ion: 93 Resp: 1454

Ion Ratio Lower Upper

93 100

66 19366.6 32.2 48.2#

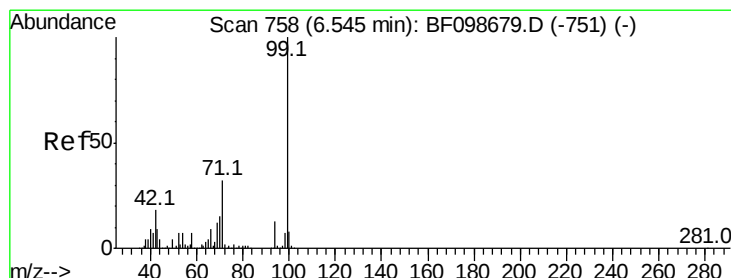
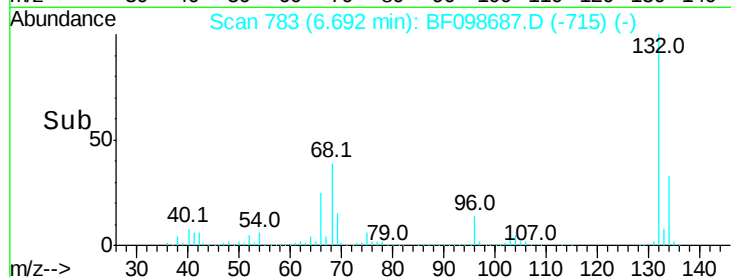
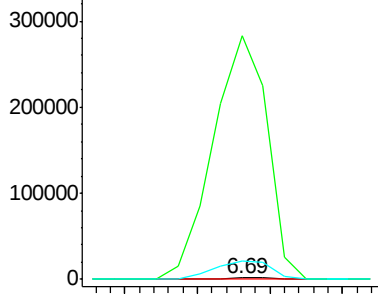
65 1487.7 16.4 24.6#



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: 109.569 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

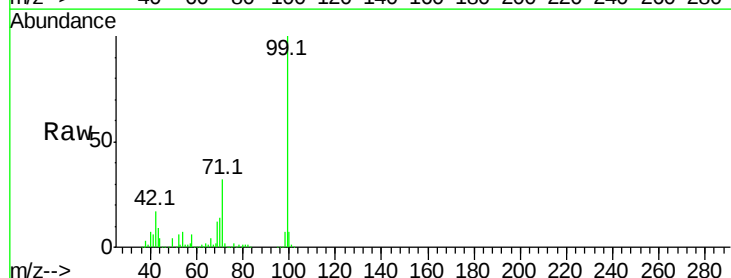
Tgt Ion: 99 Resp: 1374646

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

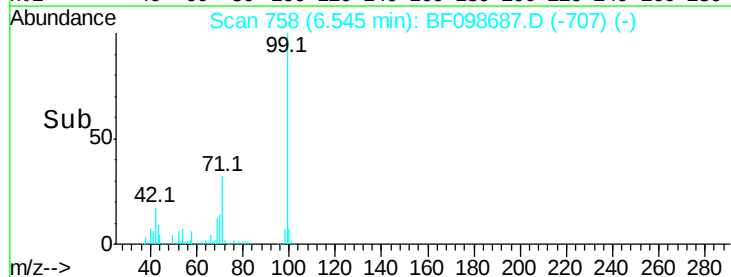
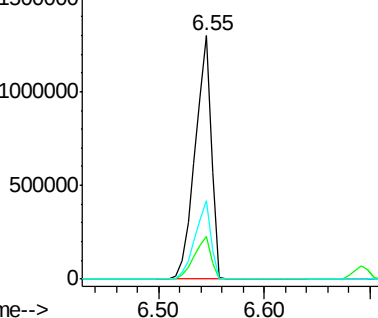
71 32.2 25.4 38.0

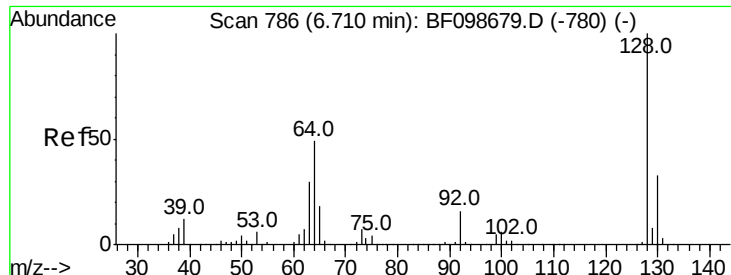


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.049 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

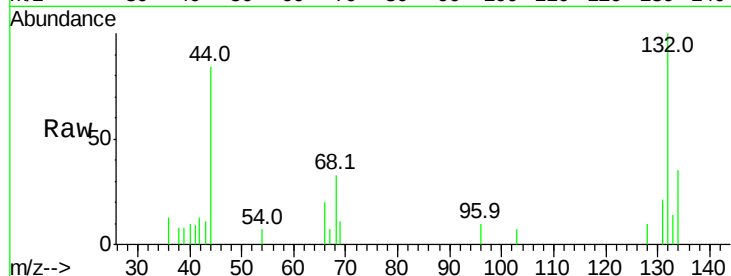
Tot Ion:128 Resp: 552

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

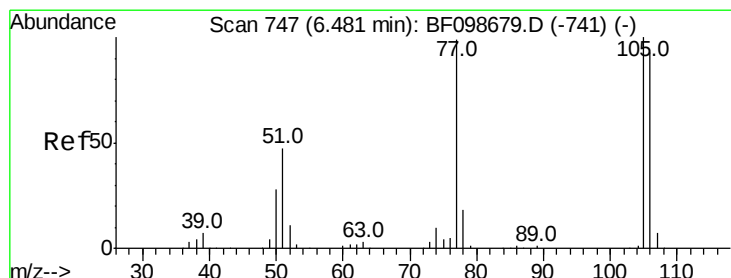
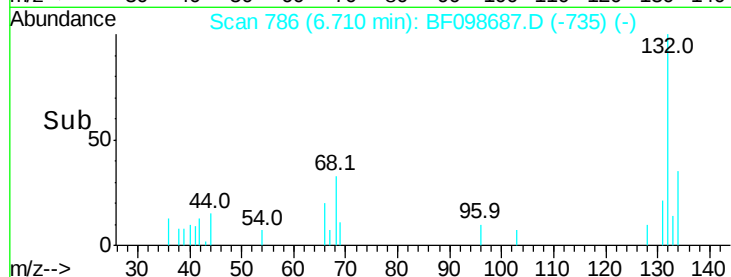
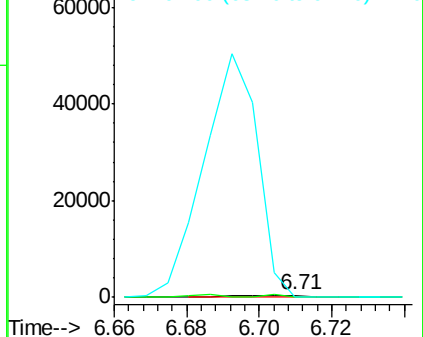
64 0.0 29.4 69.4#



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: 0.287 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.06 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

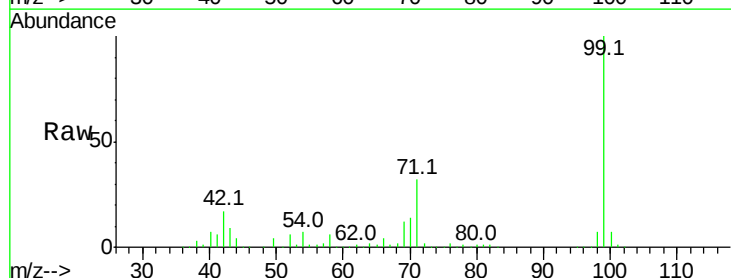
Tgt Ion: 77 Resp: 2017

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

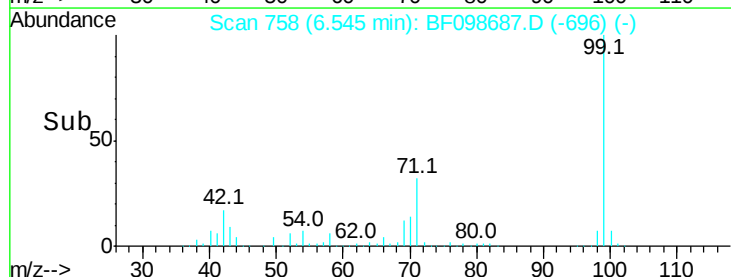
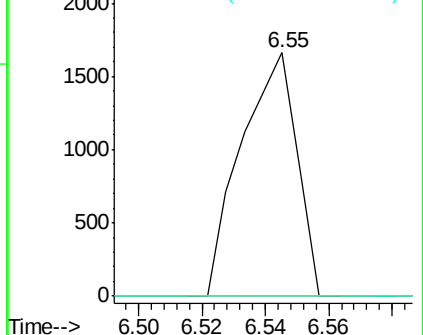
106 0.0 74.5 114.5#

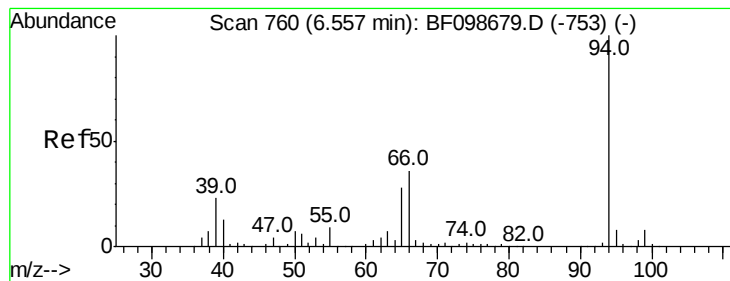


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.026 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

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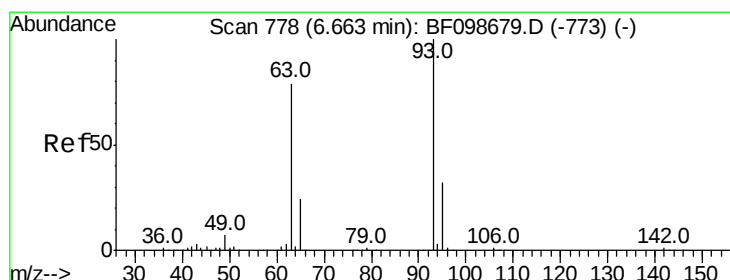
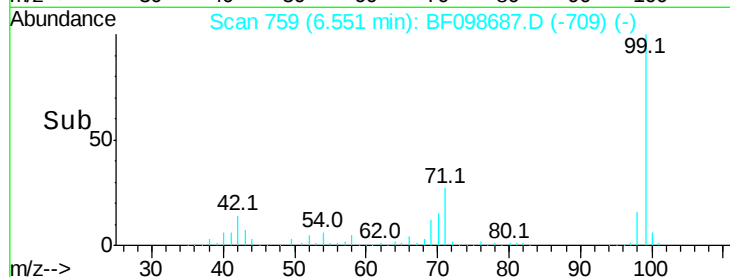
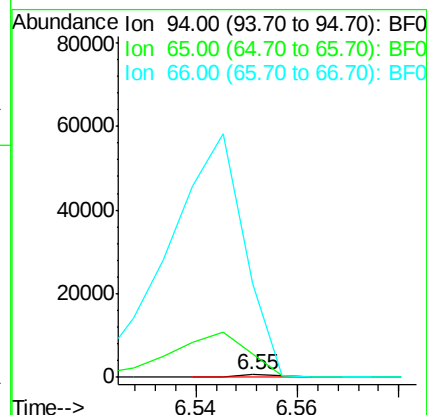
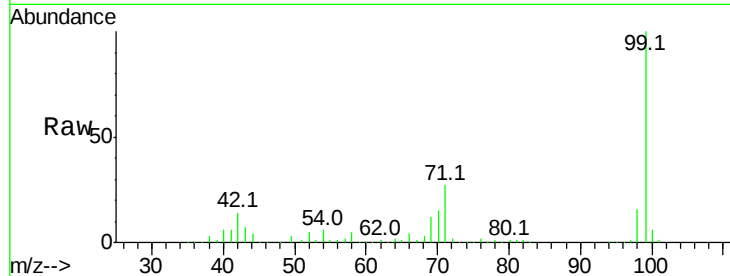
Tot Ion: 94 Resp: 362

Ion Ratio Lower Upper

94 100

65 808.4 7.9 47.9#

66 3302.1 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.136 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.03 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

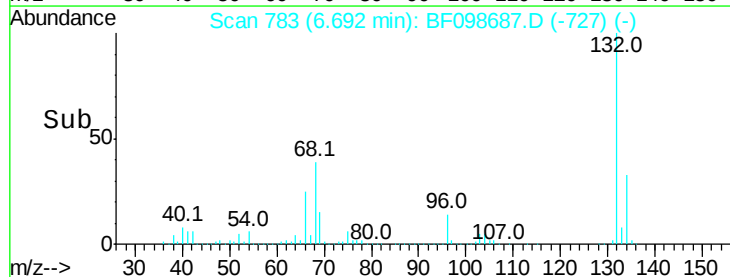
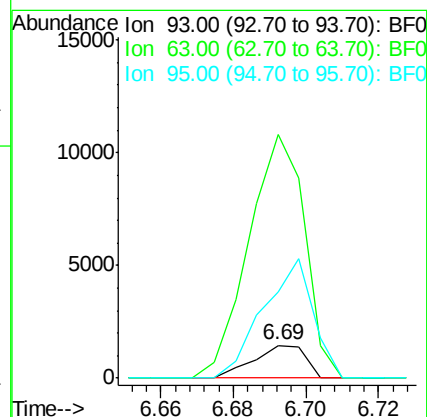
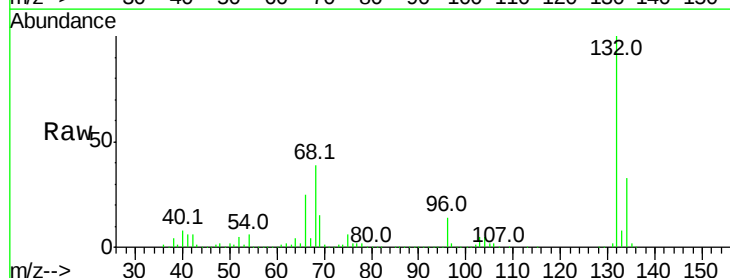
Tgt Ion: 93 Resp: 1454

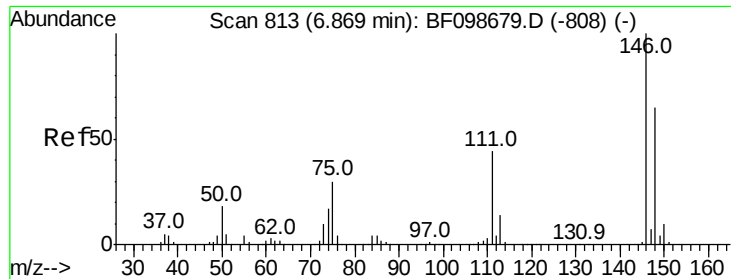
Ion Ratio Lower Upper

93 100

63 740.1 58.6 98.6#

95 260.4 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 0.013 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.21 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

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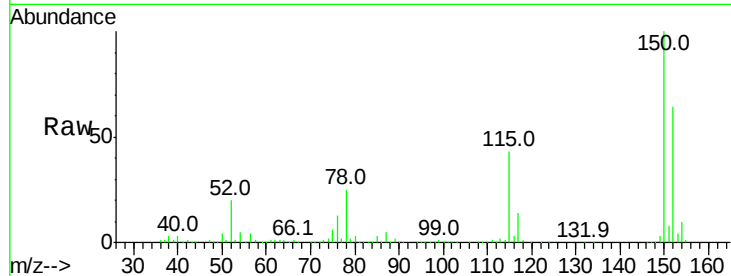
Tot Ion:146 Resp: 157

Ion Ratio Lower Upper

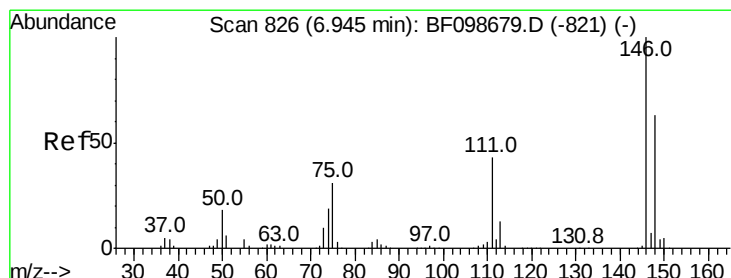
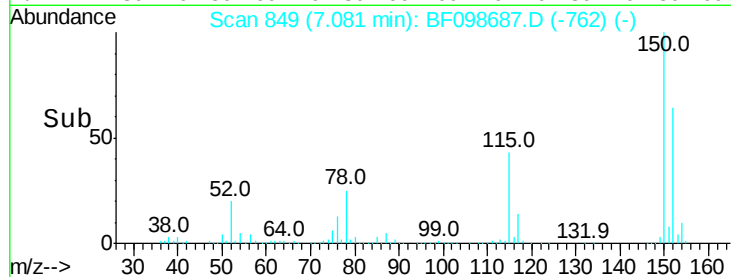
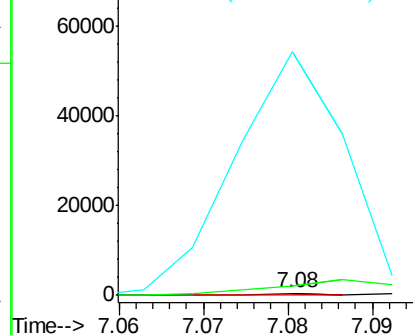
146 100

148 495.3 51.8 77.8#

75 12177.6 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: 0.013 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.14 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

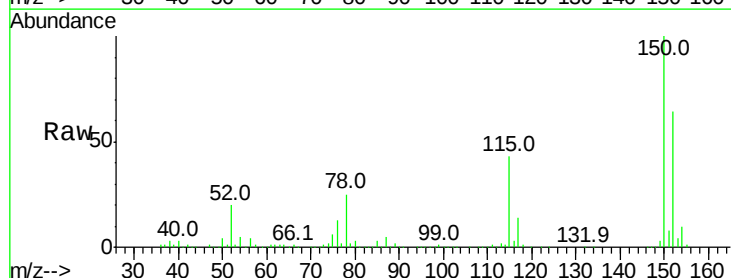
Tgt Ion:146 Resp: 157

Ion Ratio Lower Upper

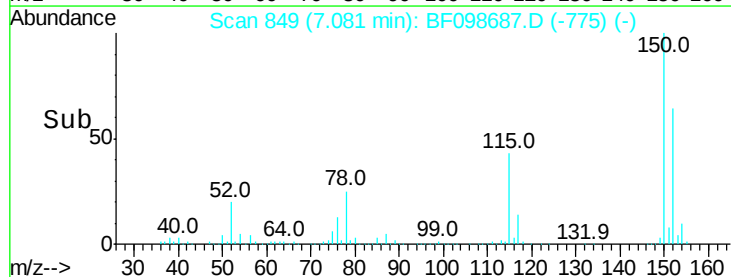
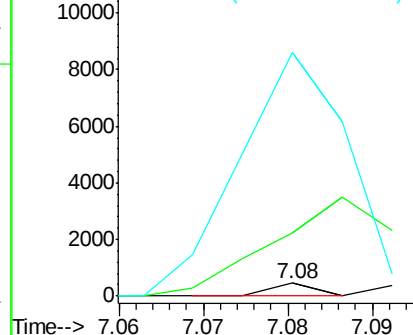
146 100

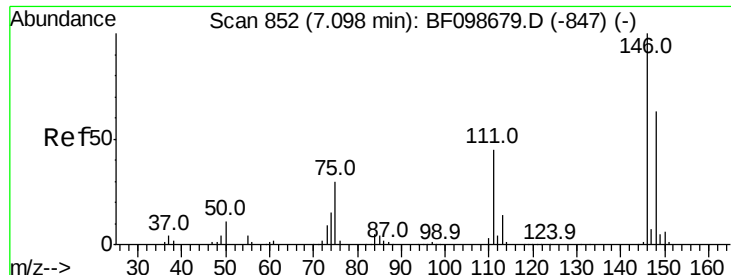
148 495.3 50.8 76.2#

111 1928.9 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: 0.022 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

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BNA_F

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PB102454BL

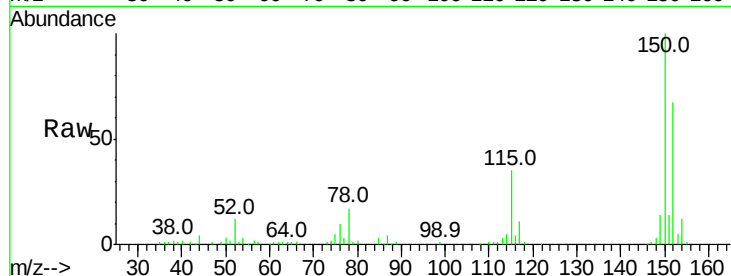
Tot Ion:146 Resp: 245

Ion Ratio Lower Upper

146 100

148 647.9 50.6 75.8#

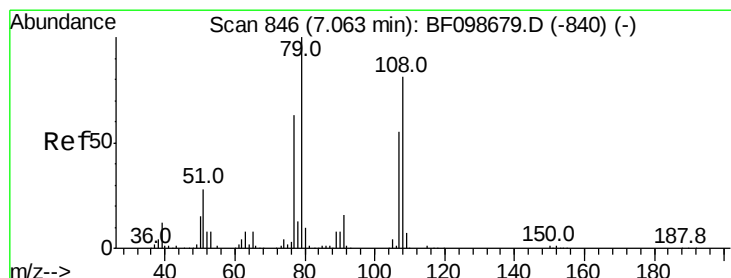
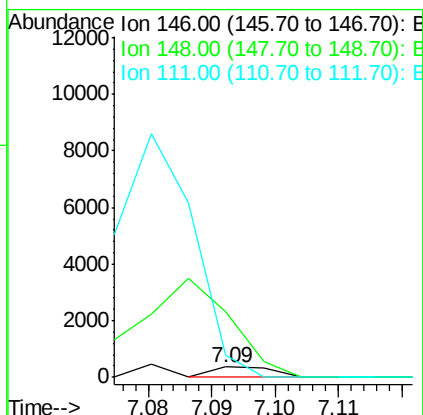
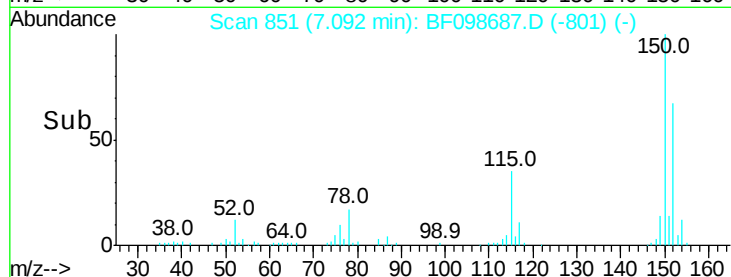
111 218.3 36.0 54.0#



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: 1.565 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.02 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

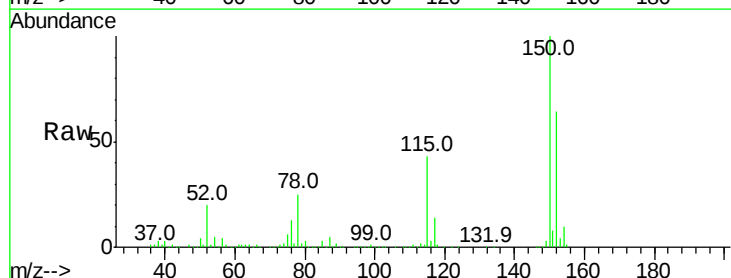
Tgt Ion: 79 Resp: 14164

Ion Ratio Lower Upper

79 100

108 27.3 65.1 97.7#

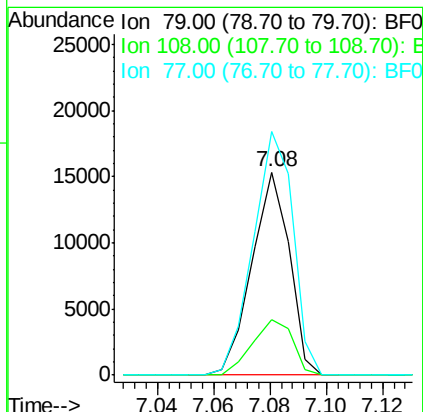
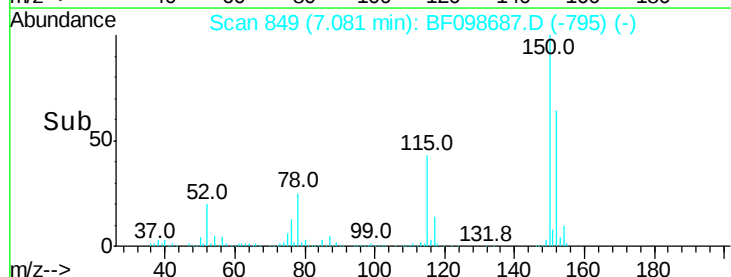
77 119.8 50.6 75.8#

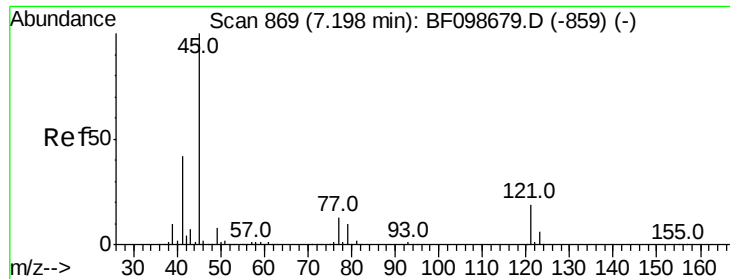


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

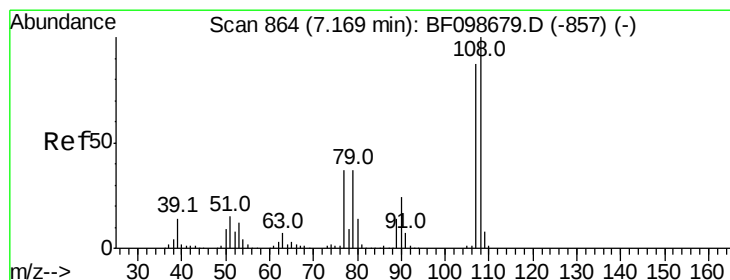
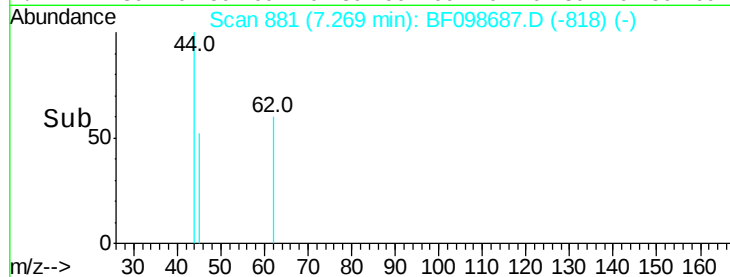
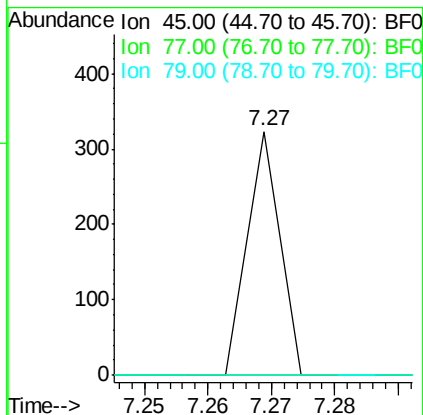
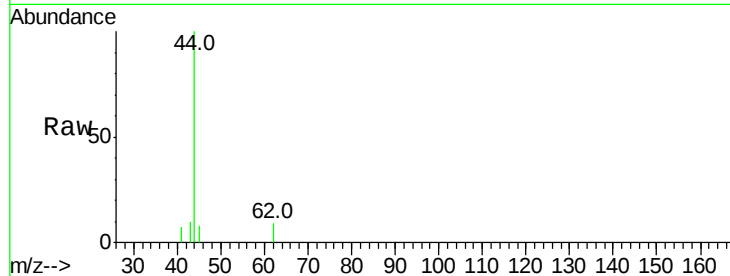




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.007 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.07 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

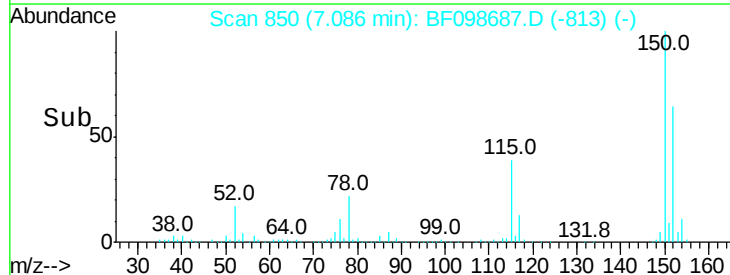
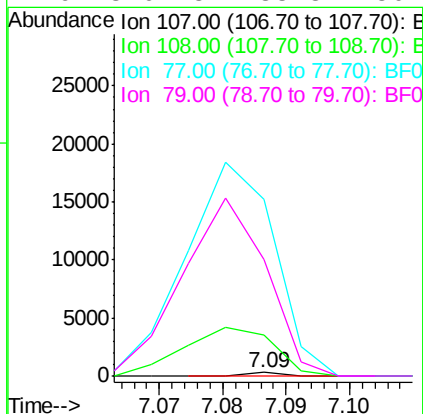
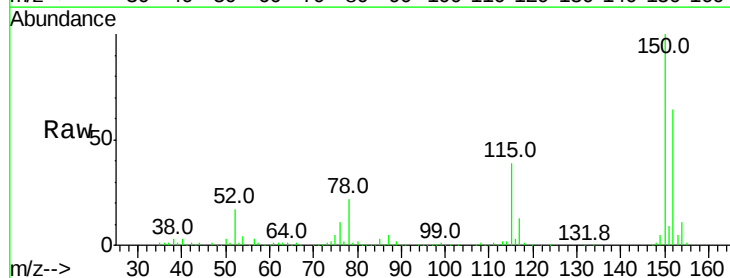
Instrument :
BNA_F
ClientSampleId :
PB102454BL

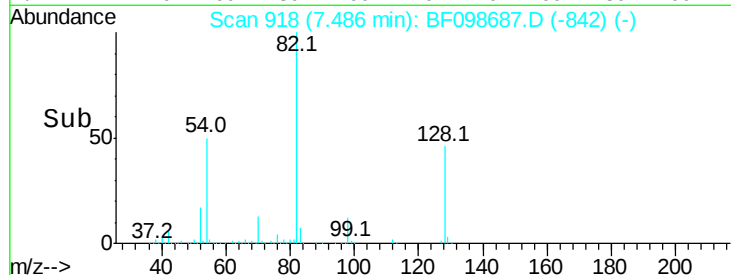
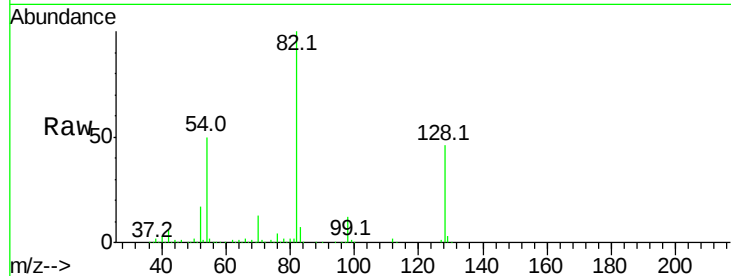
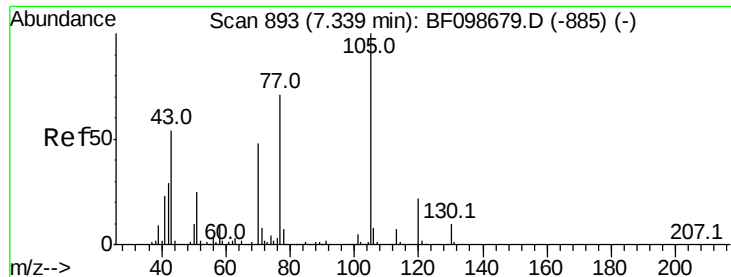
Tot Ion: 45 Resp: 114
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.012 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.08 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion: 107 Resp: 111
Ion Ratio Lower Upper
107 100
108 1115.9 91.7 137.5#
77 4839.4 33.8 50.8#
79 3202.5 33.8 50.8#

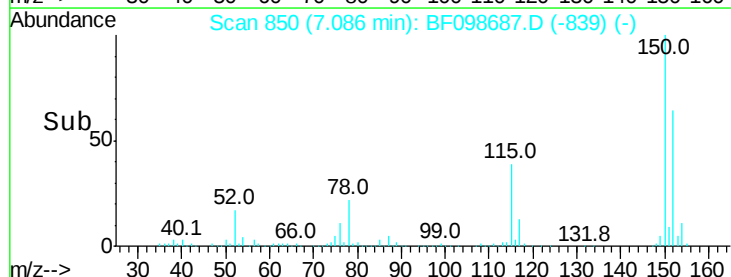
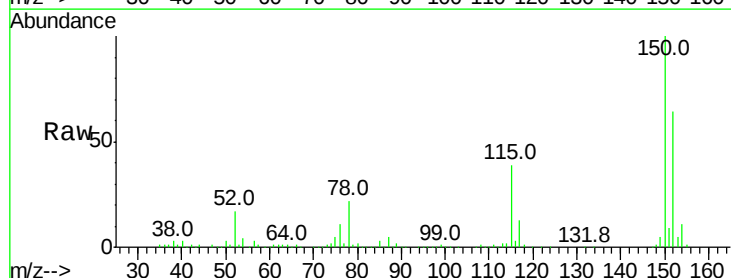
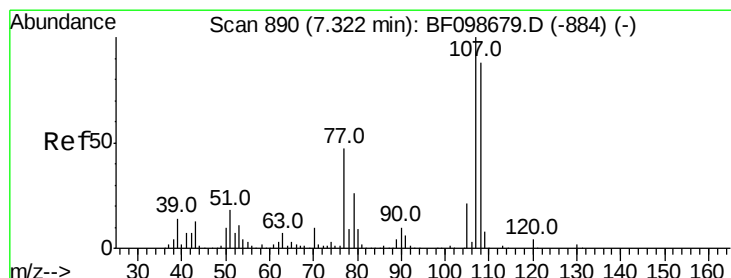
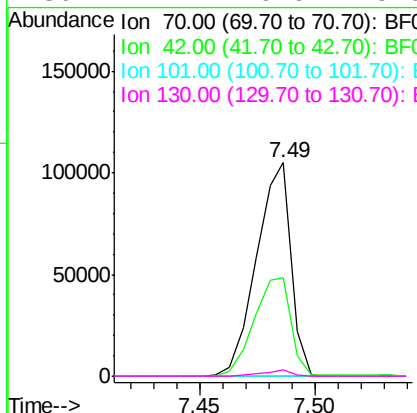




#19
n-Nitroso-di-n-propylamine
Concen: 14.014 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

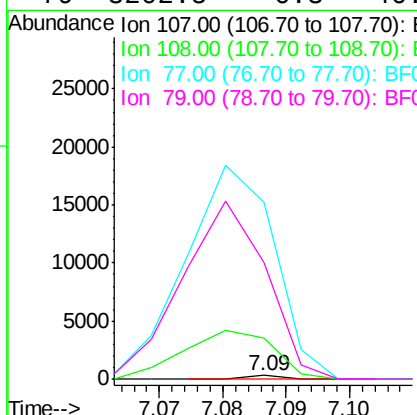
Instrument :
BNA_F
ClientSampleId :
PB102454BL

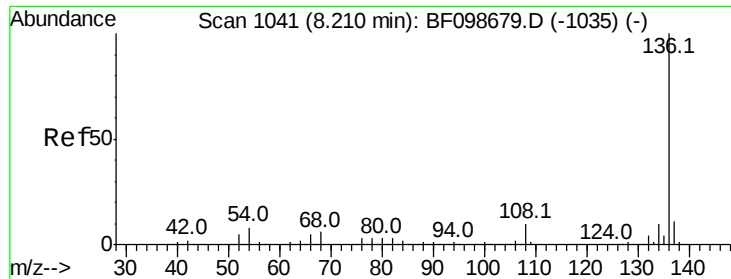
Tot Ion: 70 Resp: 108919
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.24 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion:107 Resp: 111
Ion Ratio Lower Upper
107 100
108 1115.9 68.2 108.2#
77 4839.4 26.7 66.7#
79 3202.5 6.3 46.3#

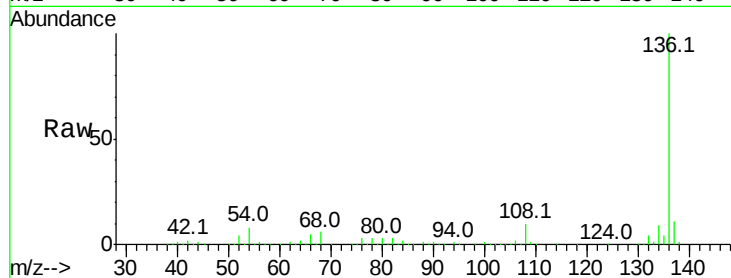




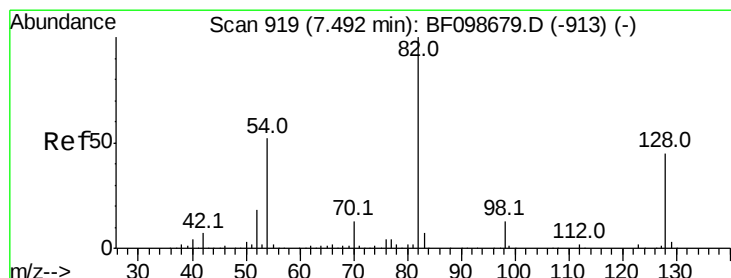
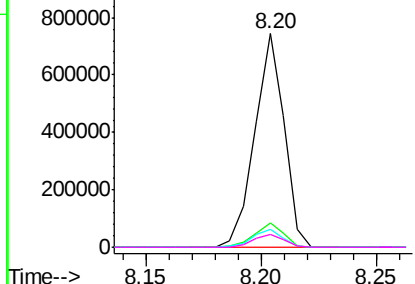
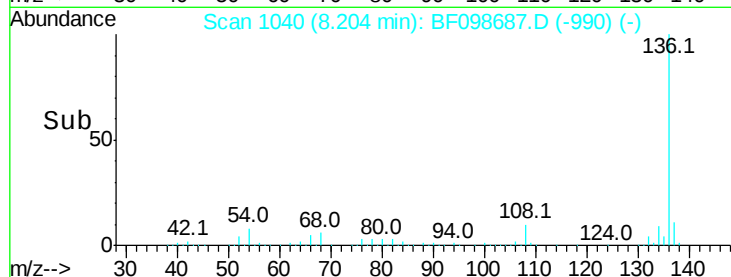
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Instrument :
BNA_F
ClientSampleId :
PB102454BL

Tot Ion:136	Resp: 661491
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.3	6.6 9.8
68 6.3	5.0 7.4

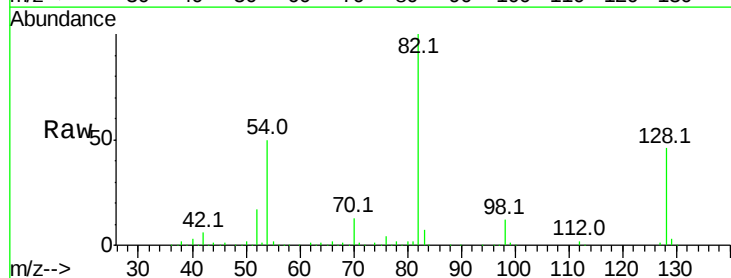


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

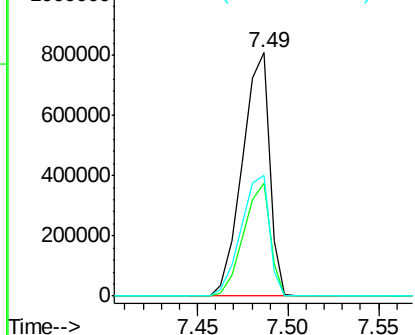
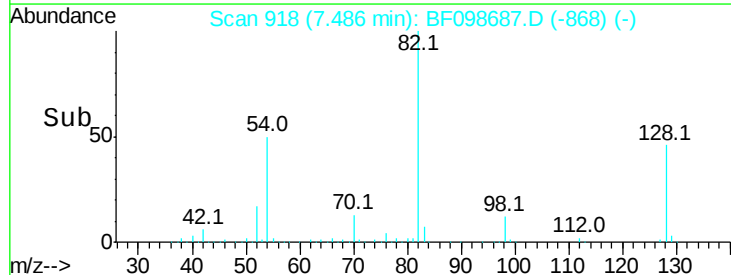


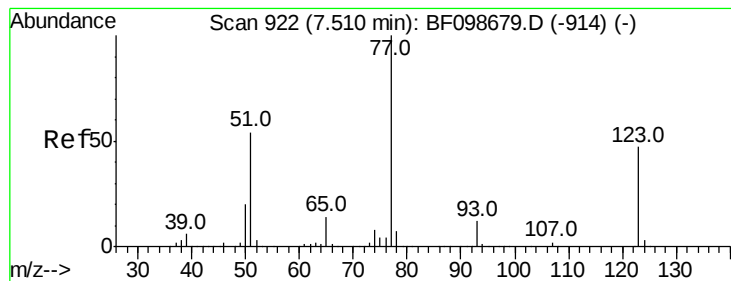
#23
Nitrobenzene-d5
Concen: 86.209 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt	Ion: 82	Resp:	840719
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	49.7	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: 0.210 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

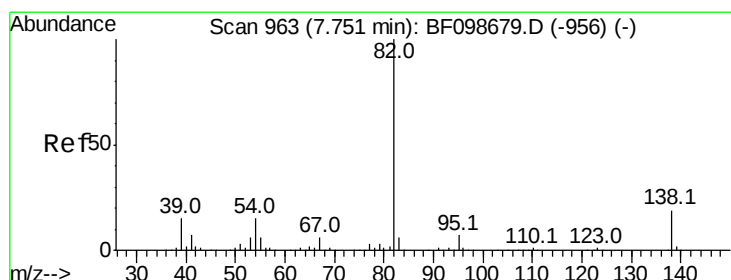
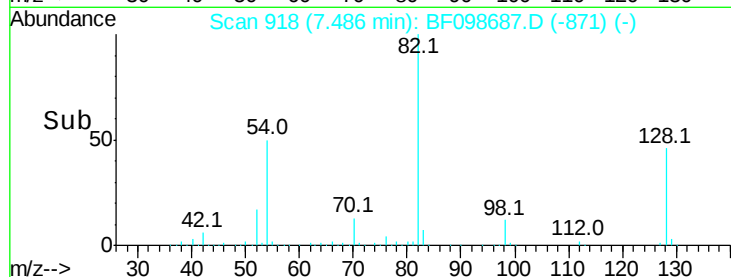
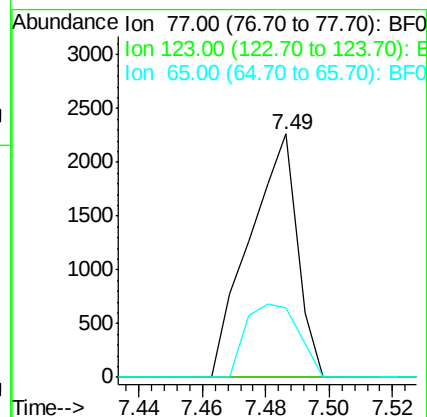
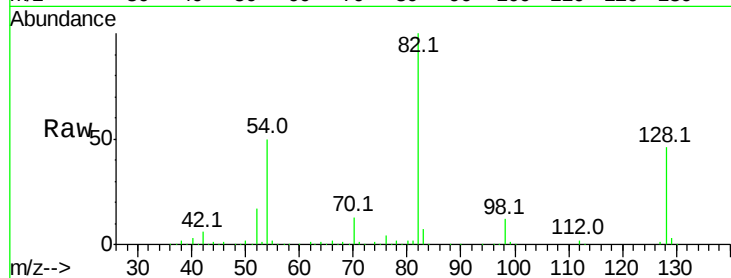
Tot Ion: 77 Resp: 2365

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

65 28.7 11.0 16.4#



#25

Isophorone

Concen: 39.493 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

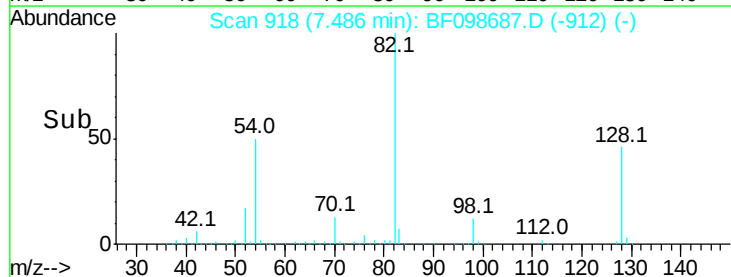
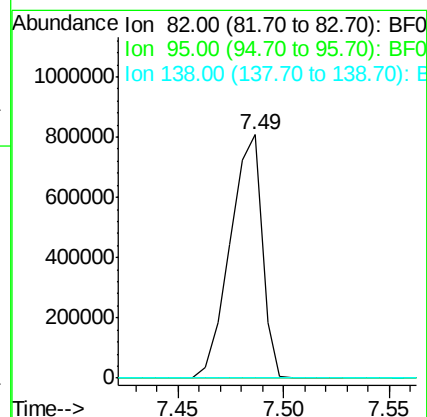
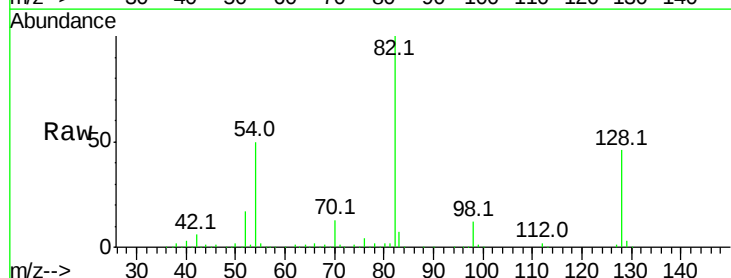
Tgt Ion: 82 Resp: 839962

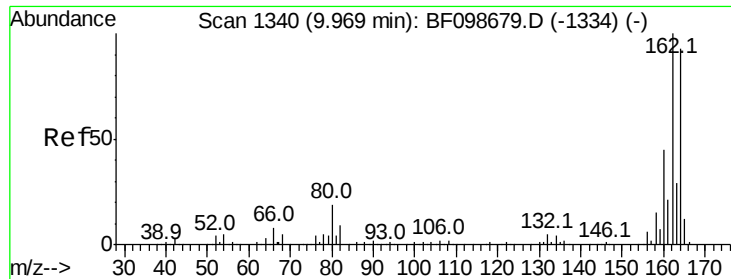
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

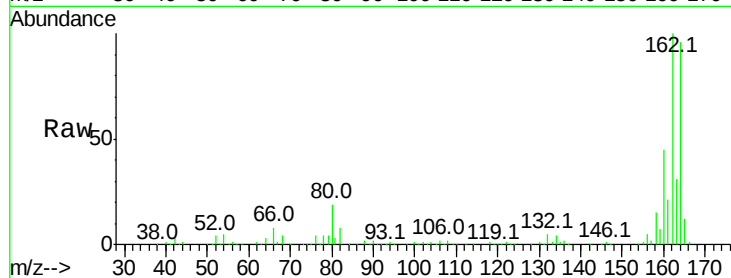




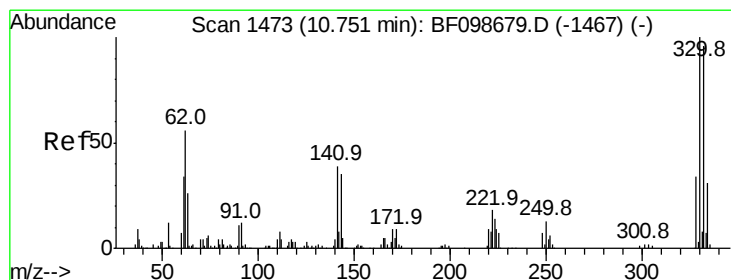
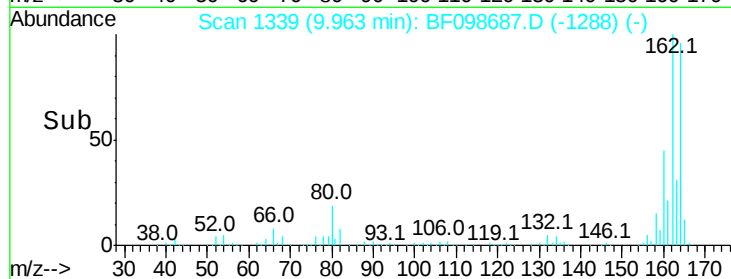
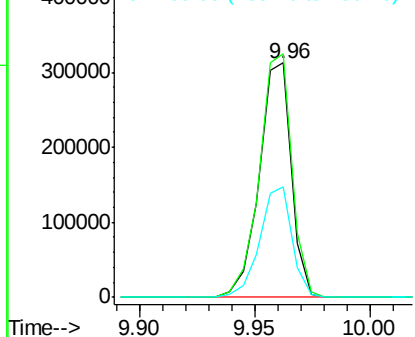
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.2	38.3	57.5

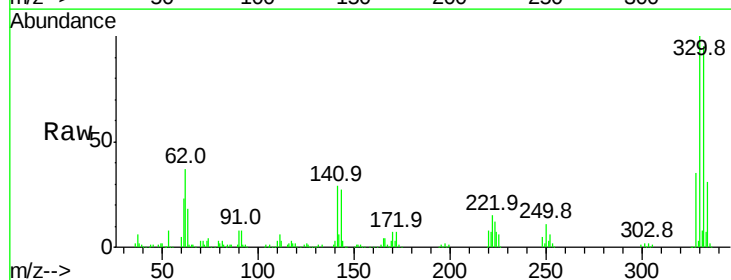


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

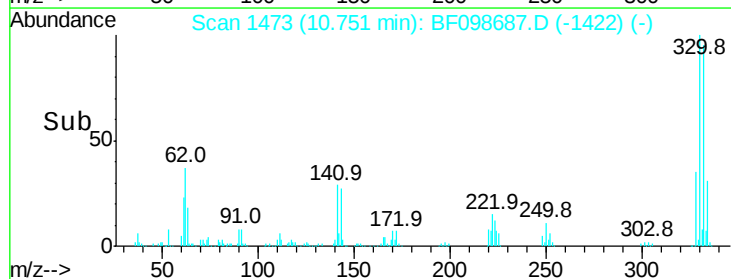
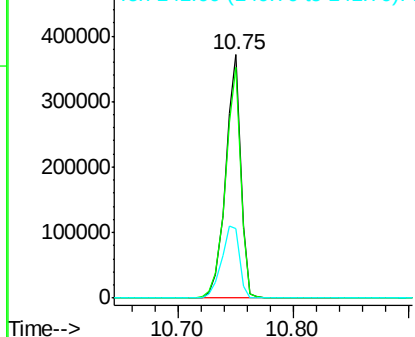


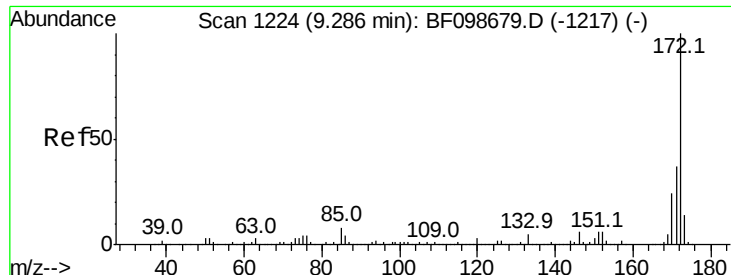
#41
 2,4,6-Tribromophenol
 Concen: 121.117 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.1	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



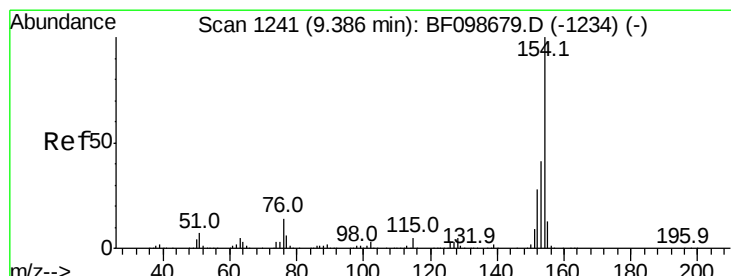
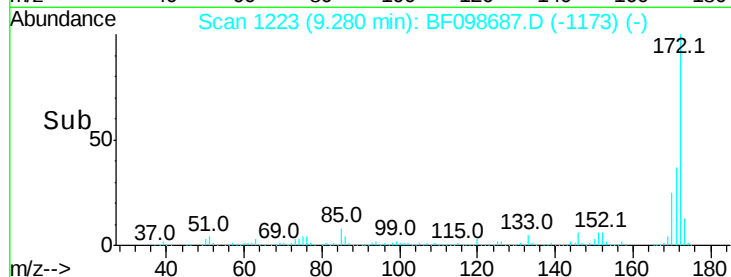
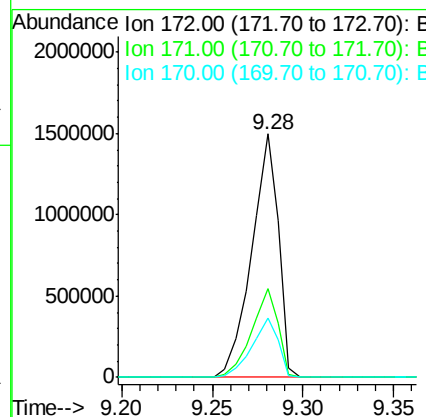
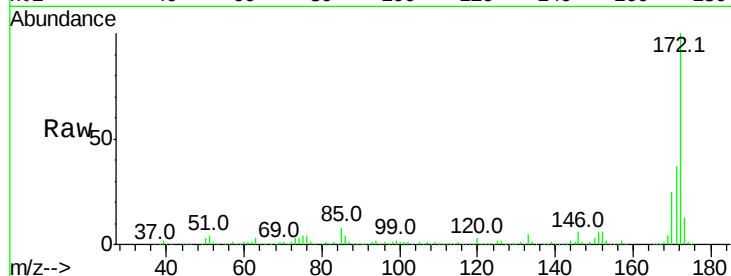


#44
 2-Fluorobiphenyl
 Concen: 80.427 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Tot Ion:172 Resp: 1533614

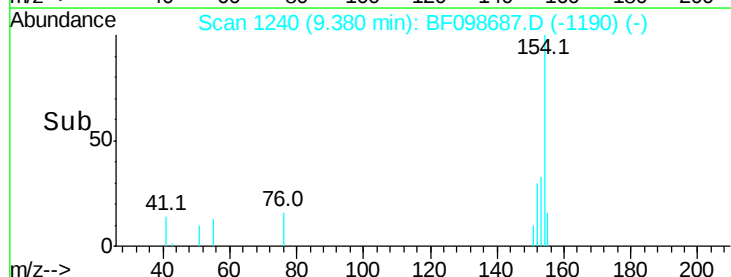
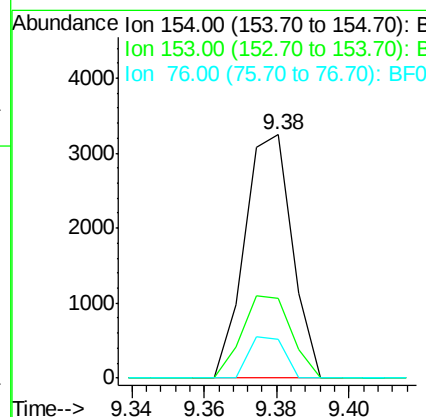
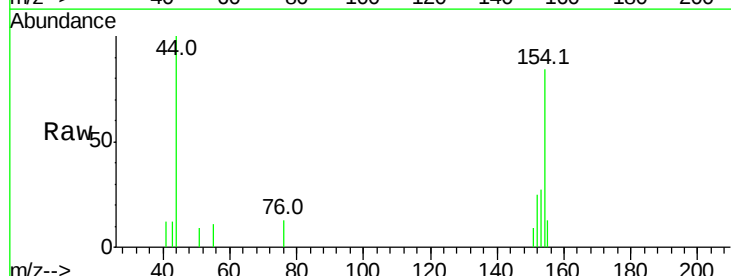
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

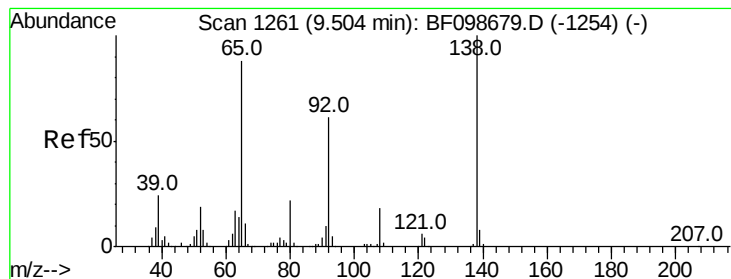


#45
 1,1'-Biphenyl
 Concen: 0.114 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Tgt Ion:154 Resp: 2974

Ion	Ratio	Lower	Upper
154	100		
153	32.7	21.3	61.3
76	15.9	0.0	34.0





#47

2-Nitroaniline

Concen: 0.471 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.22 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

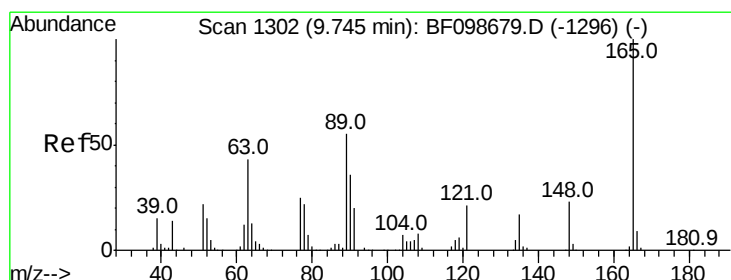
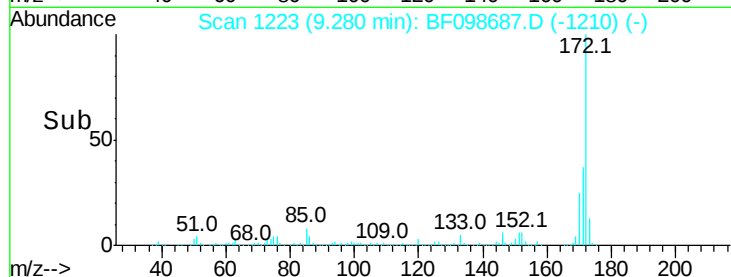
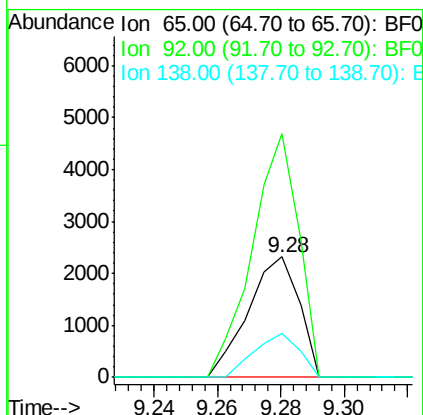
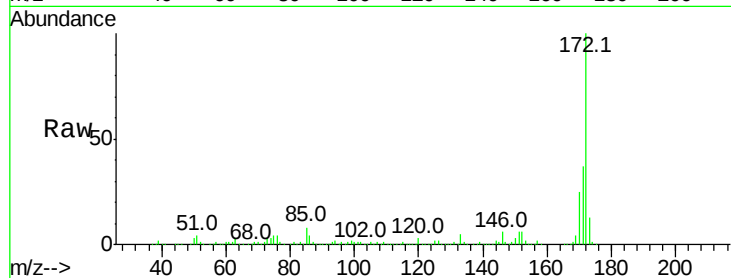
Tot Ion: 65 Resp: 2587

Ion Ratio Lower Upper

65 100

92 202.2 55.8 83.6#

138 36.0 91.2 136.8#



#50

2,6-Dinitrotoluene

Concen: 8.551 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.21 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

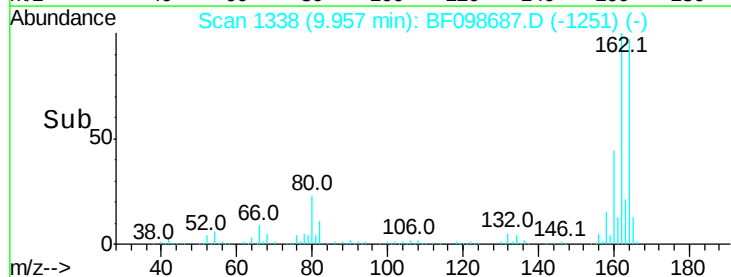
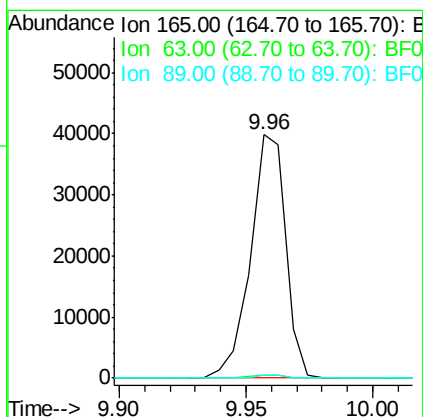
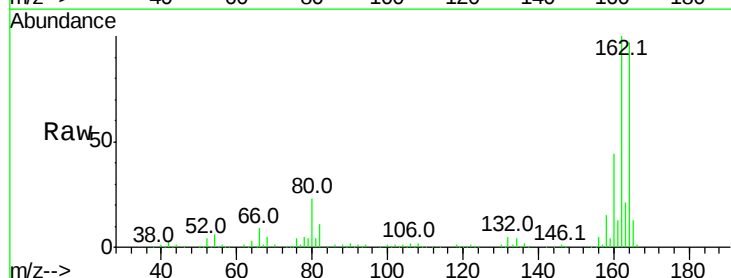
Tgt Ion: 165 Resp: 38397

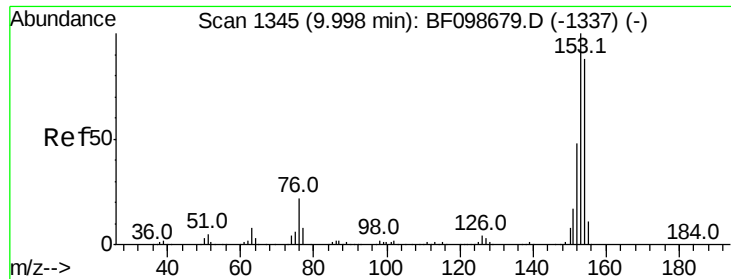
Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

89 1.1 44.0 66.0#





#51

Acenaphthene

Concen: 0.061 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

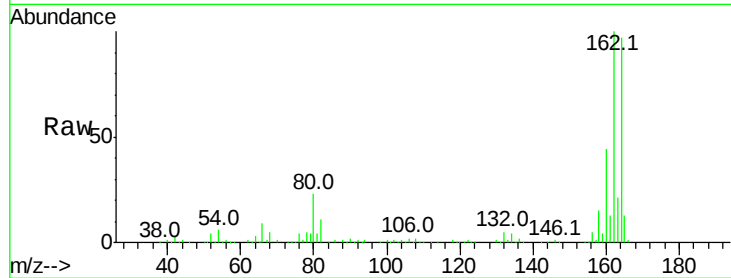
Tot Ion:154 Resp: 1147

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

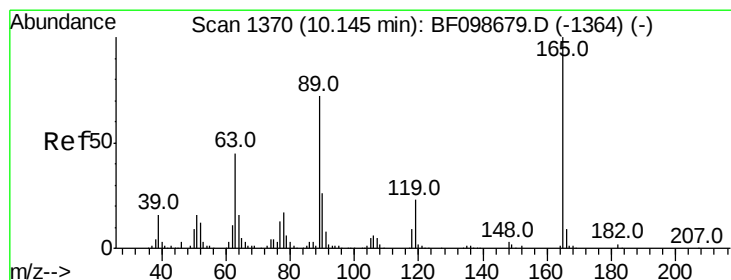
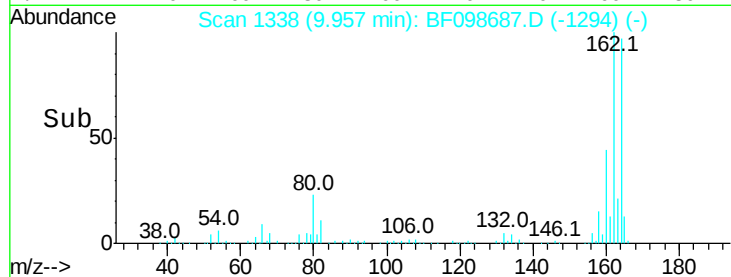
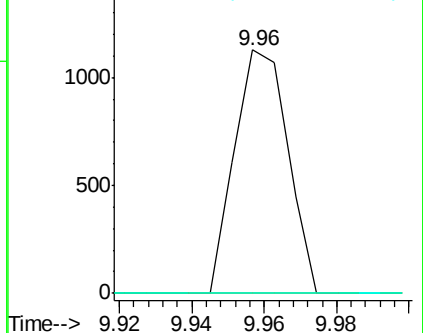
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.365 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.19 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Tgt Ion:165 Resp: 38397

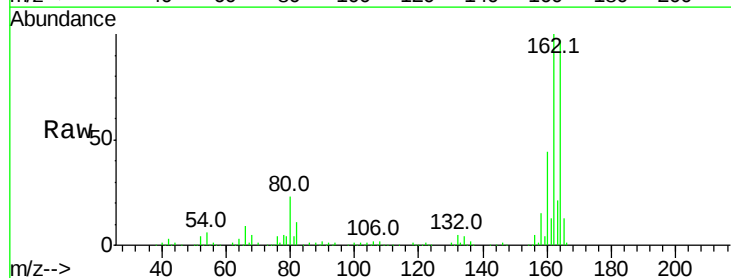
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

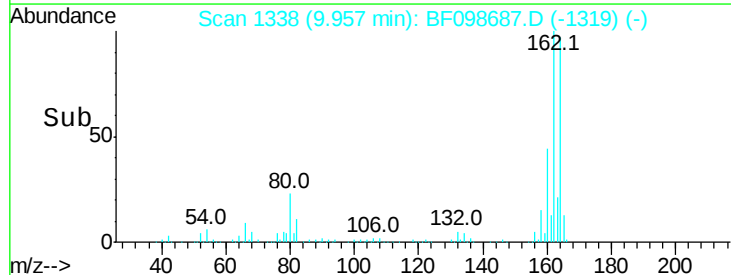
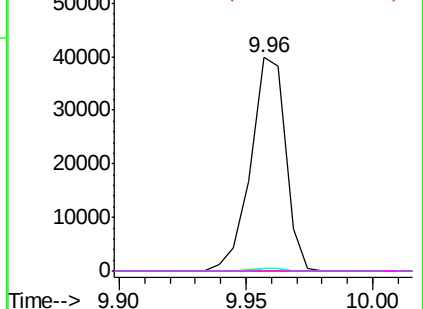


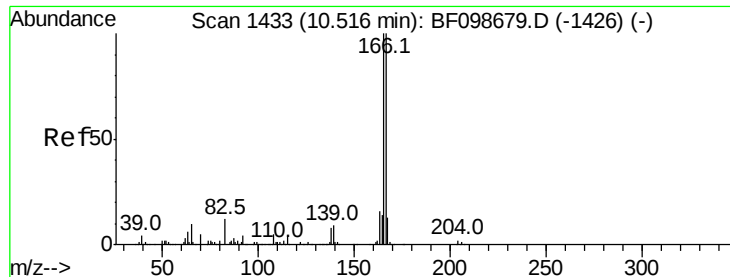
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.774 ng

RT: 10.74 min Scan# 1472

Delta R.T. 0.23 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

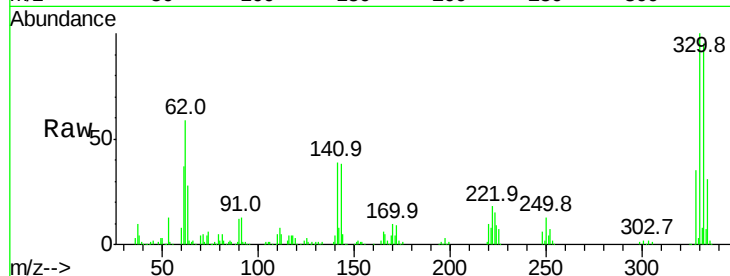
Tot Ion:166 Resp: 15861

Ion Ratio Lower Upper

166 100

165 102.0 79.8 119.8

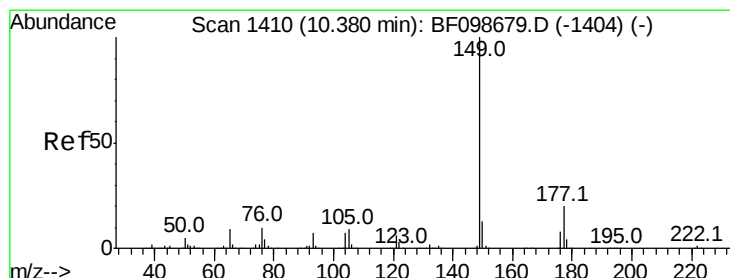
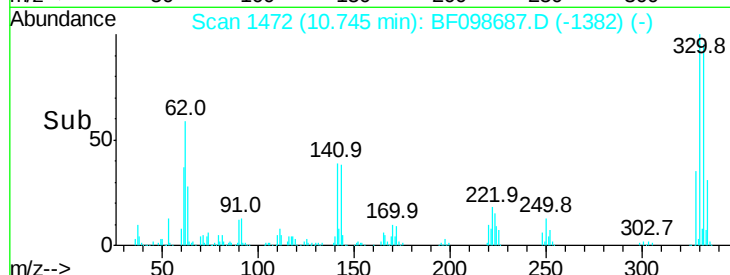
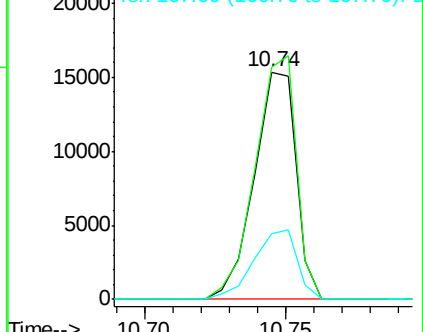
167 29.0 10.6 16.0#



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: 0.134 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

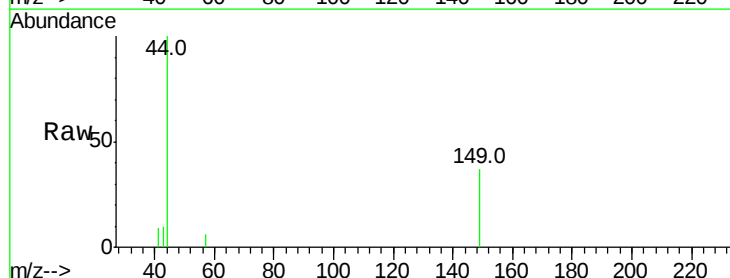
Tgt Ion:149 Resp: 2986

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

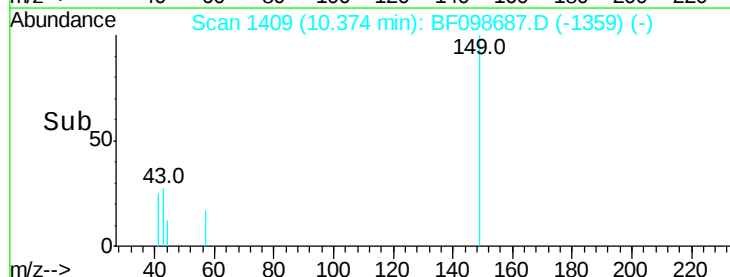
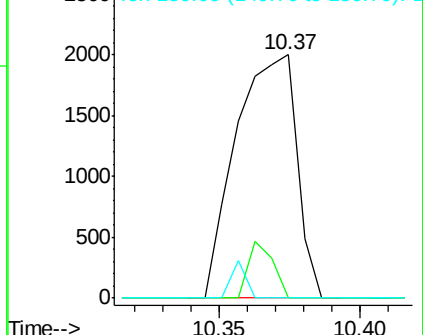
150 0.0 10.1 15.1#

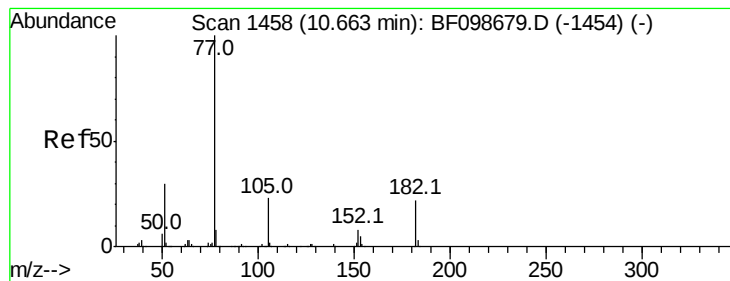


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.090 ng

RT: 10.74 min Scan# 1472

Delta R.T. 0.08 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

Tot Ion: 77 Resp: 1875

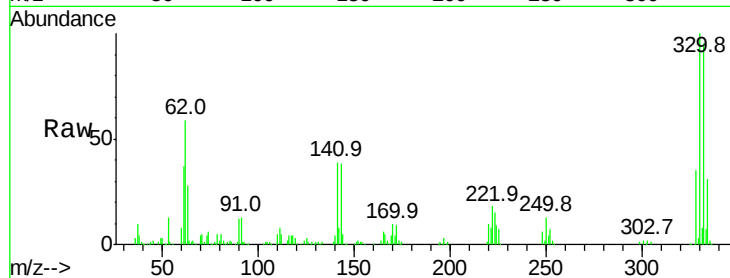
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 88.9 3.0 43.0#

51 73.6 9.9 49.9#

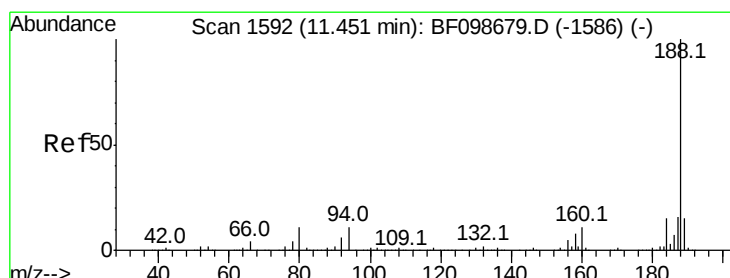
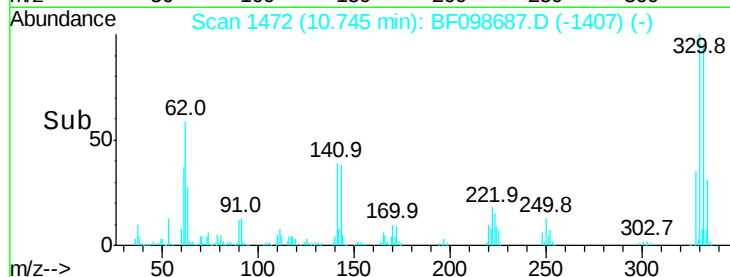
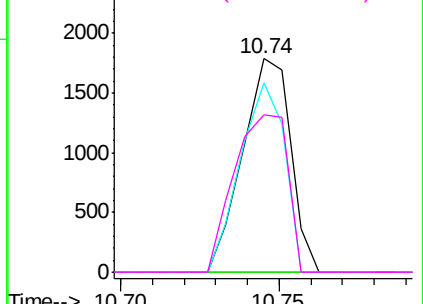


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.000 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

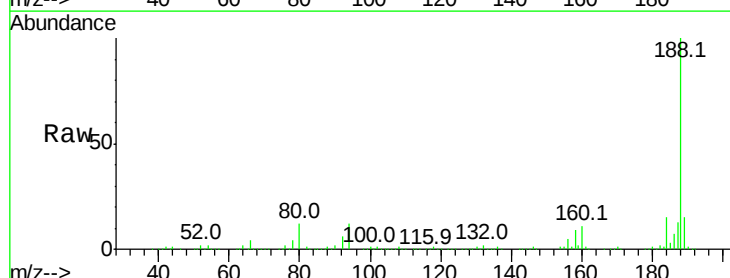
Tgt Ion: 188 Resp: 541805

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

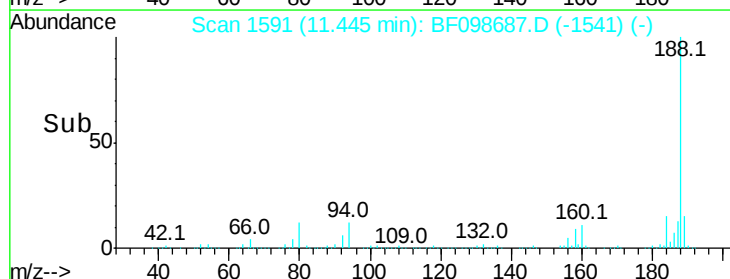
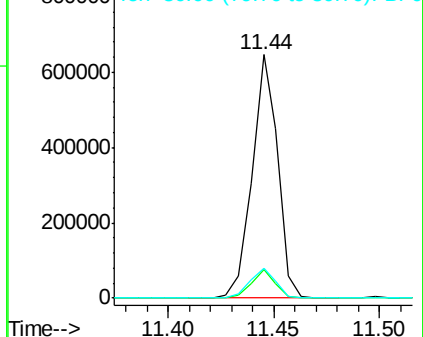
80 12.4 9.2 13.8

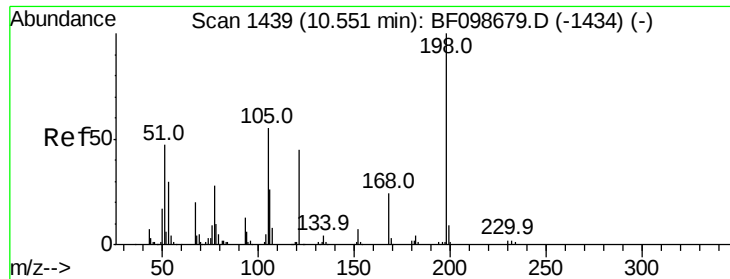


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

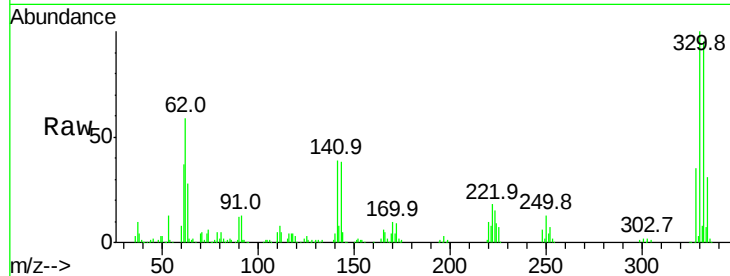




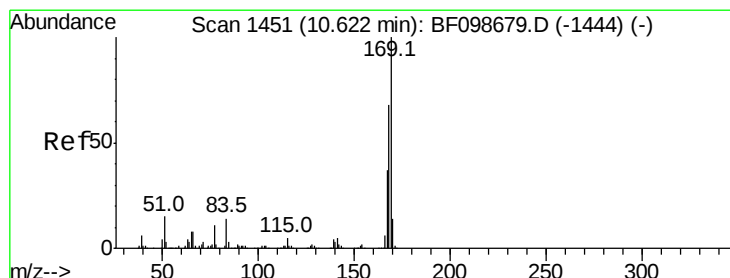
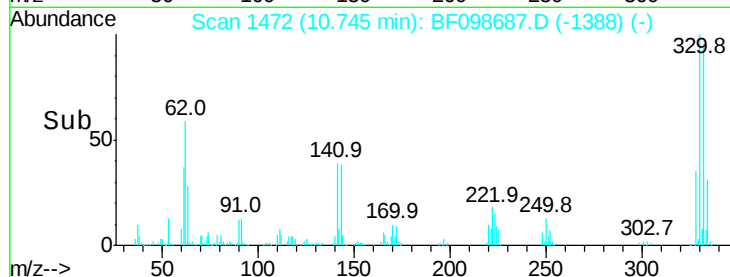
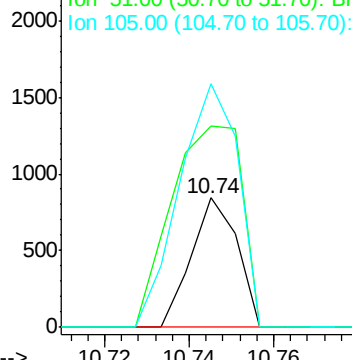
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.141 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. 0.19 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Tot Ion:198 Resp: 636
 Ion Ratio Lower Upper
 198 100
 51 156.0 37.7 77.7#
 105 188.4 36.3 76.3#

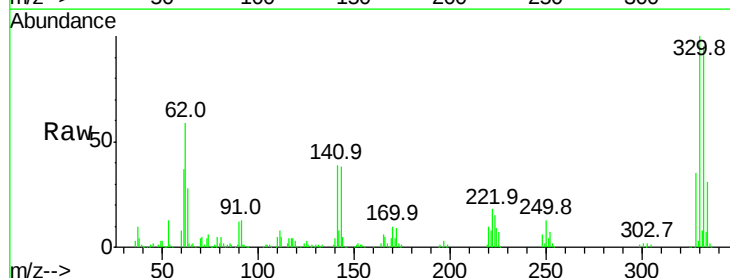


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

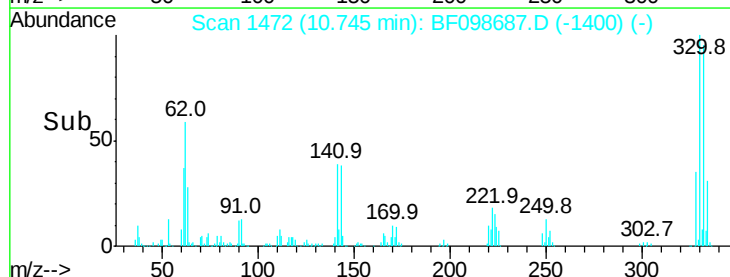
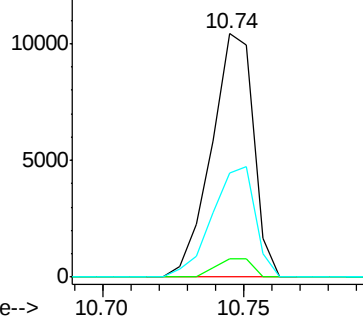


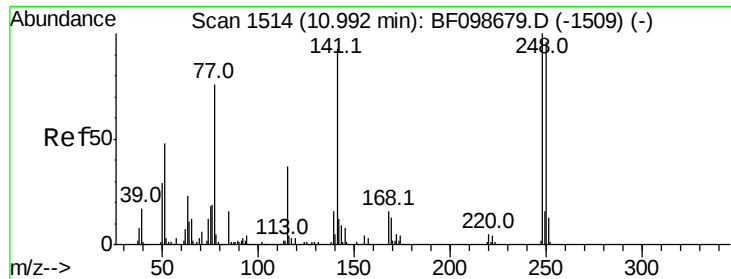
#65
 n-Nitrosodiphenylamine
 Concen: 0.579 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. 0.12 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Tgt Ion:169 Resp: 10793
 Ion Ratio Lower Upper
 169 100
 168 7.5 54.4 81.6#
 167 42.8 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

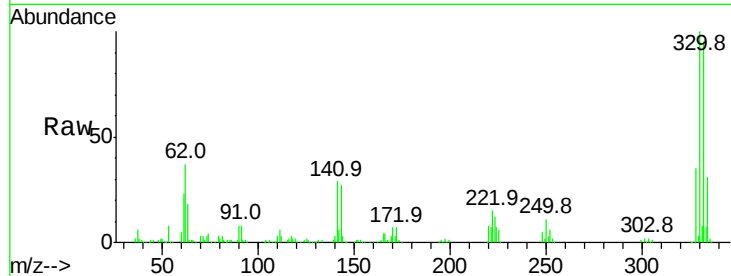




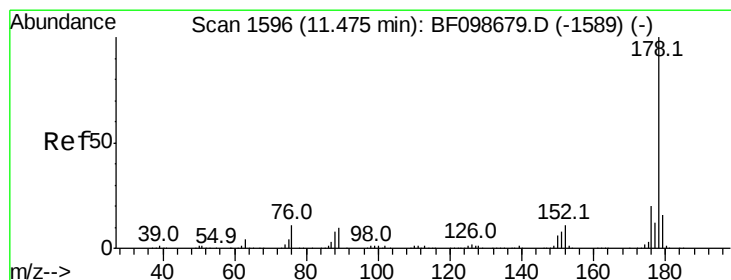
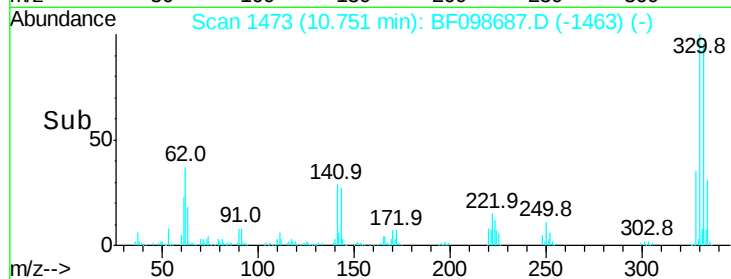
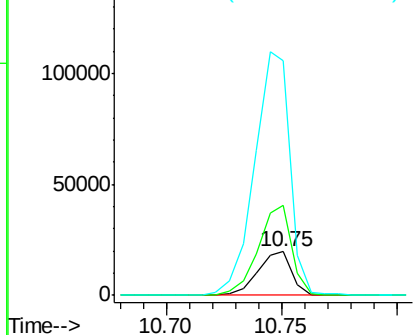
#66
 4-Bromophenyl-phenylether
 Concen: 3.685 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.24 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Instrument :
 BNA_F
 ClientSampled :
 PB102454BL

Tot Ion:248 Resp: 20162
 Ion Ratio Lower Upper
 248 100
 250 207.3 76.9 115.3#
 141 540.0 74.4 111.6#

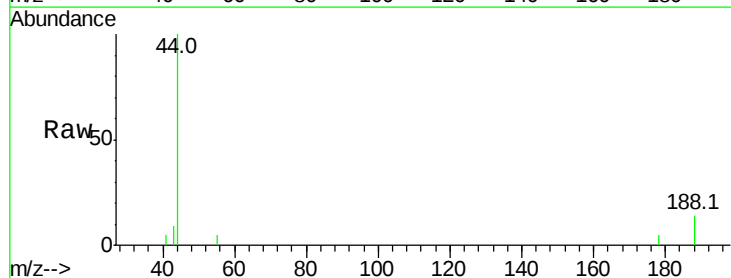


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

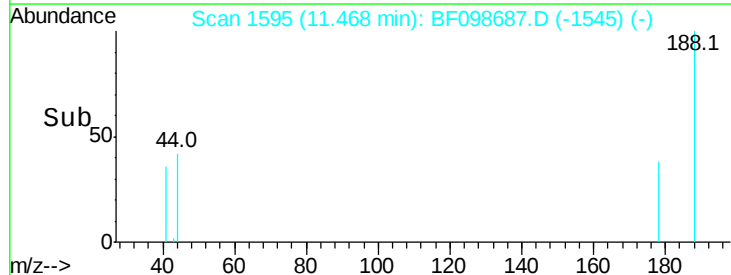
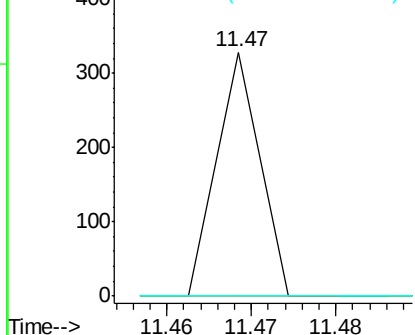


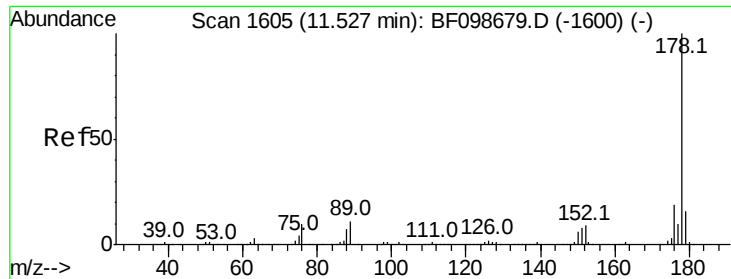
#70
 Phenanthrene
 Concen: 0.004 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Tgt Ion:178 Resp: 116
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



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





#71

Anthracene

Concen: 0.004 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

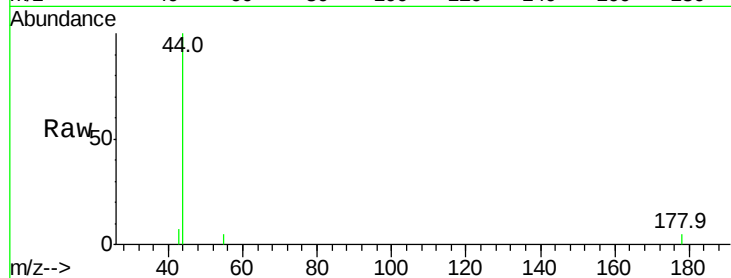
Tot Ion:178 Resp: 116

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 0.0 12.6 19.0#

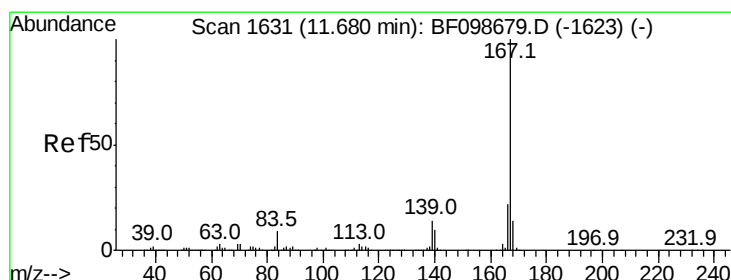
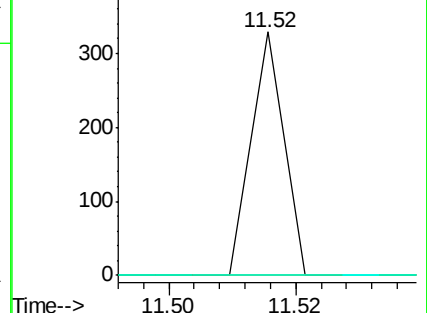
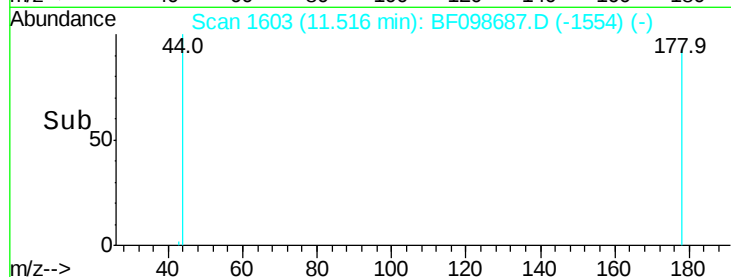


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.52



#72

Carbazole

Concen: 0.004 ng

RT: 11.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

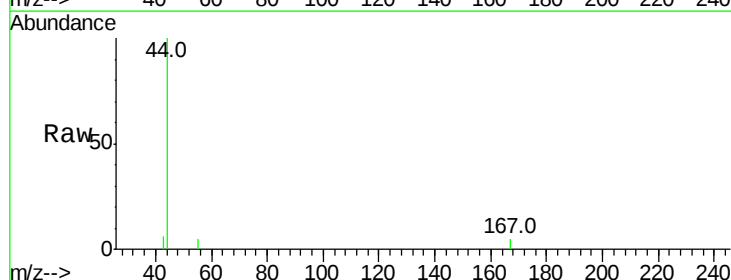
Tgt Ion:167 Resp: 119

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

139 0.0 10.9 16.3#

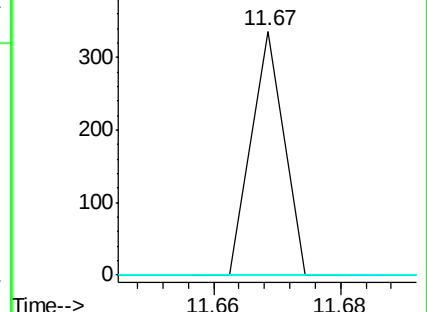
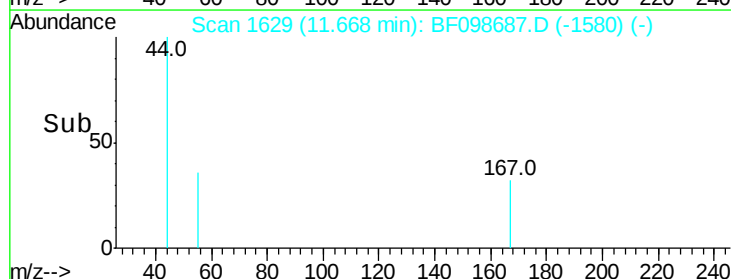


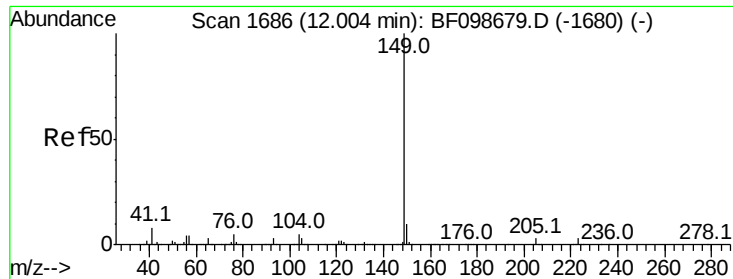
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.67





#73

Di-n-butylphthalate

Concen: 0.056 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

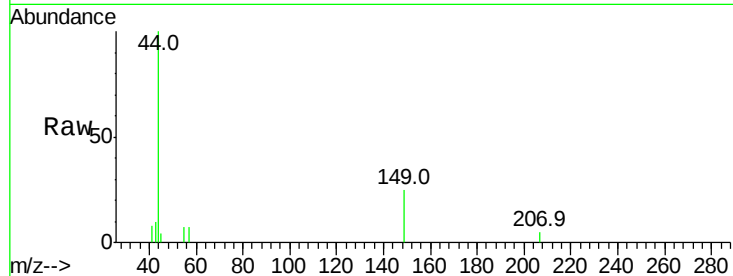
Tot Ion:149 Resp: 1901

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

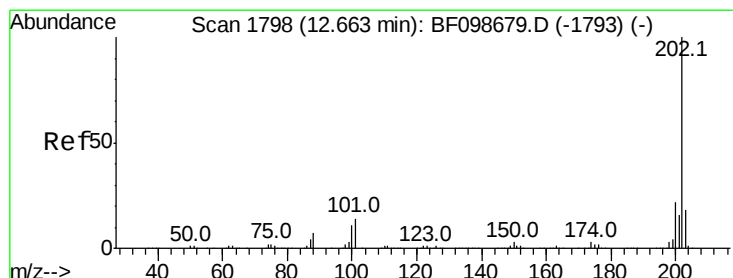
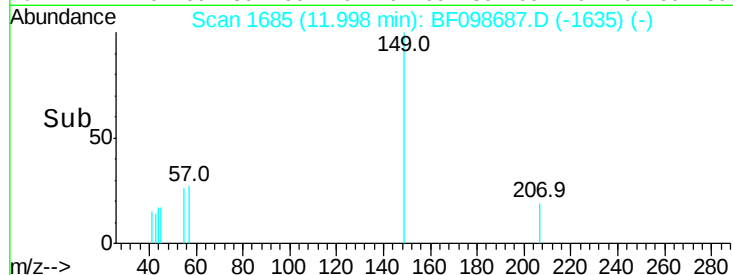
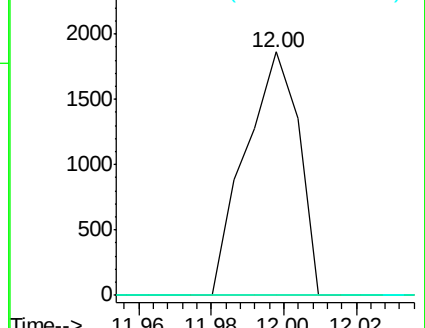
104 0.0 3.8 5.8#



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: 0.004 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.22 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

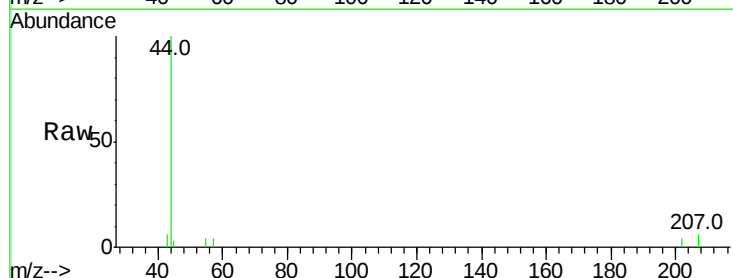
Tgt Ion:202 Resp: 116

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

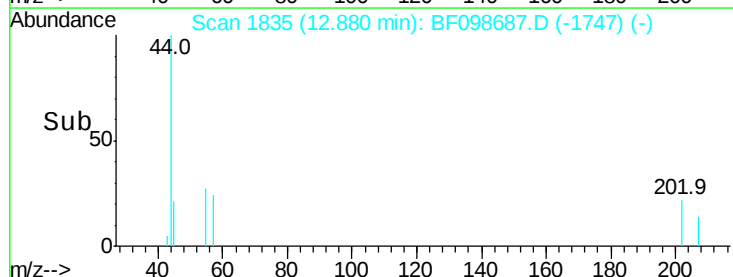
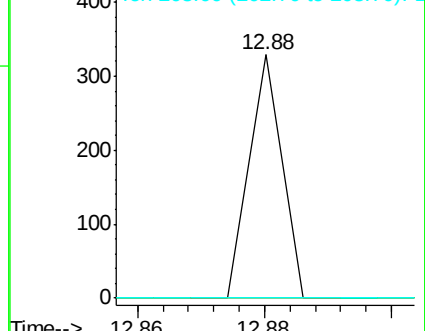
203 0.0 0.0 38.1

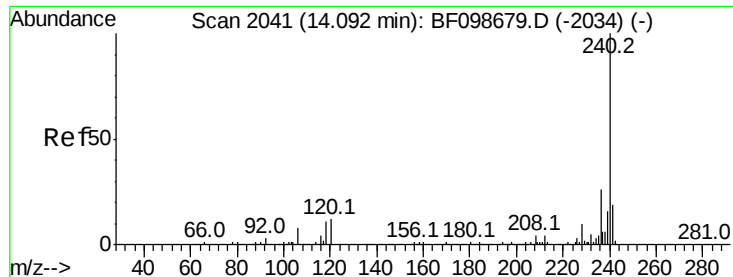


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

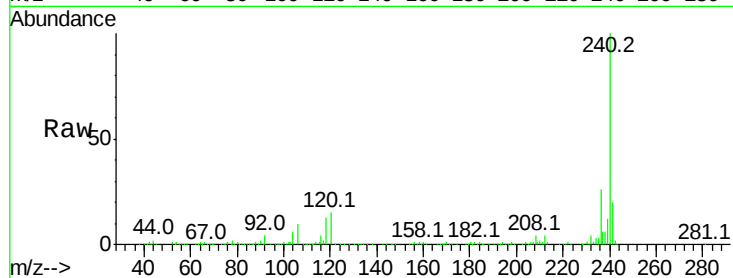
Tot Ion:240 Resp: 451654

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

236 26.3 20.7 31.1

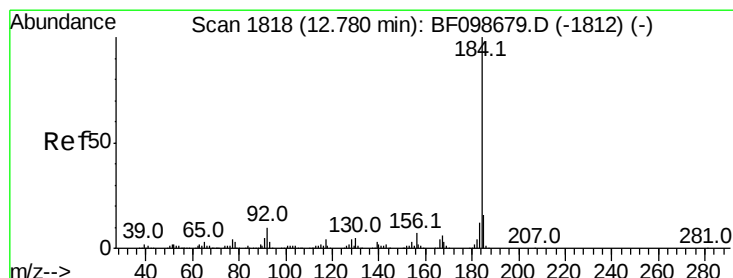
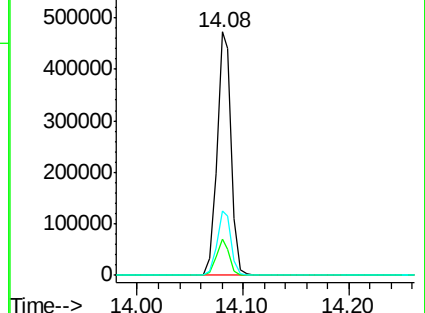
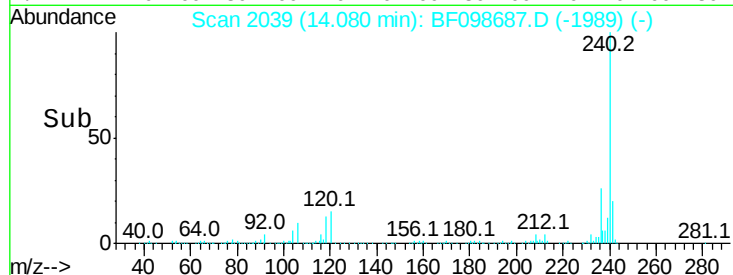


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.08



#76

Benzidine

Concen: 1.075 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.25 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

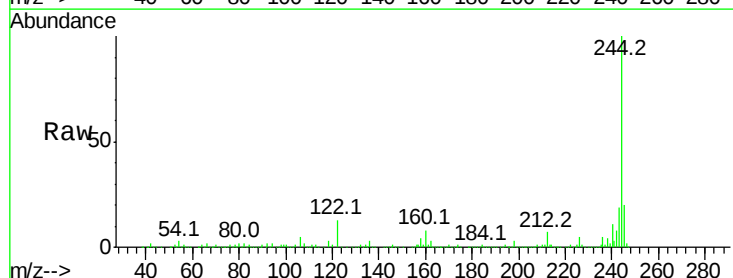
Tgt Ion:184 Resp: 19716

Ion Ratio Lower Upper

184 100

185 17.3 12.6 18.8

183 13.6 9.3 13.9

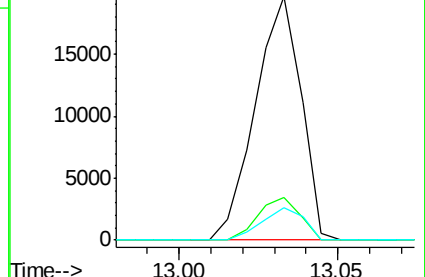
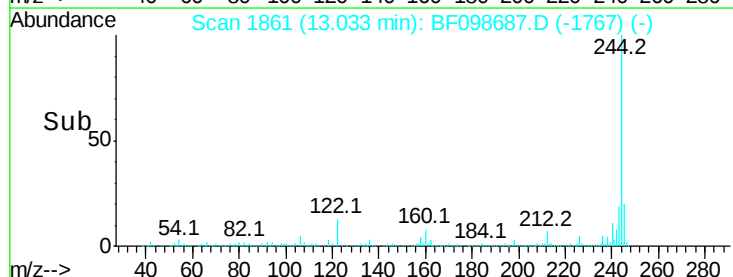


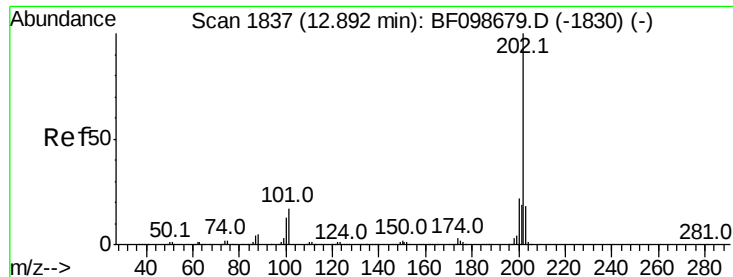
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

13.03





#77

Pvrene

Concen: 0.144 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.14 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

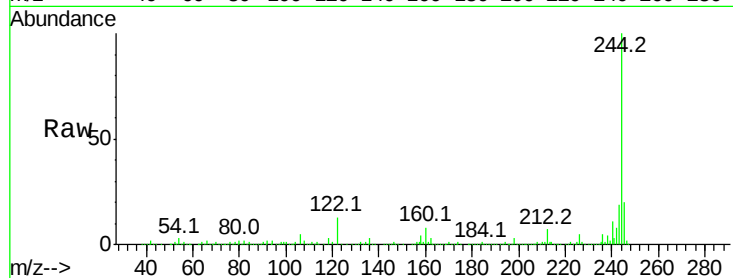
Tot Ion:202 Resp: 4843

Ion Ratio Lower Upper

202 100

200 41.8 17.4 26.2#

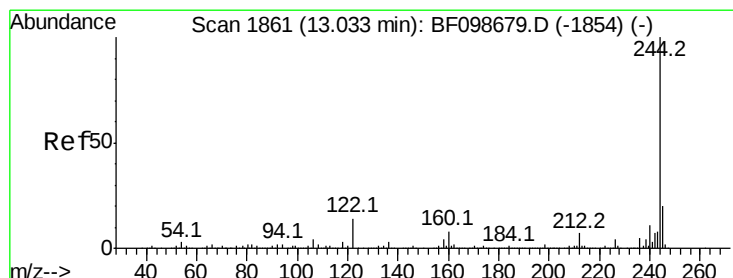
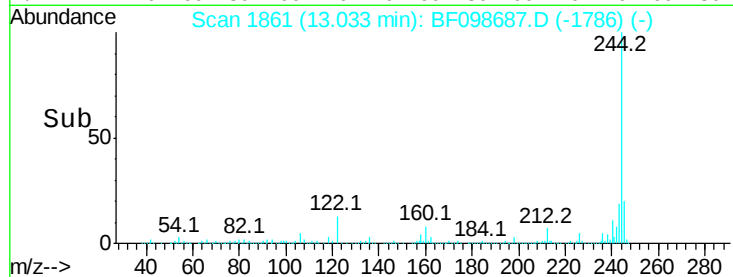
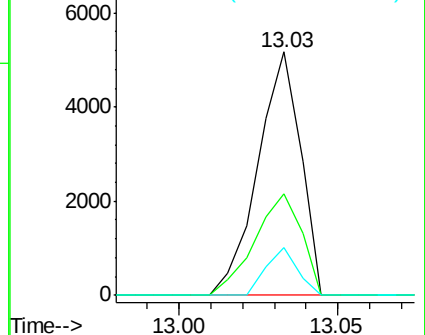
203 19.6 14.3 21.5



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: 66.660 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

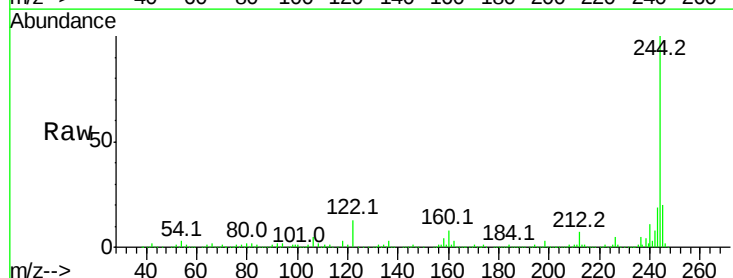
Tgt Ion:244 Resp: 1402156

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

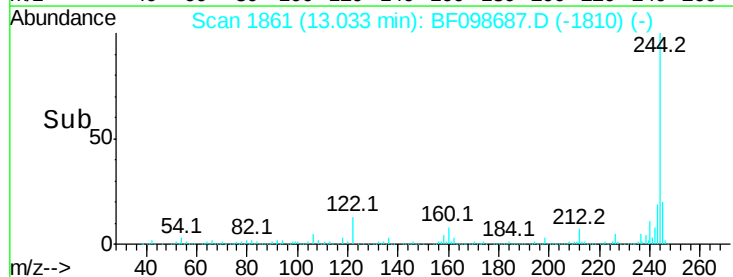
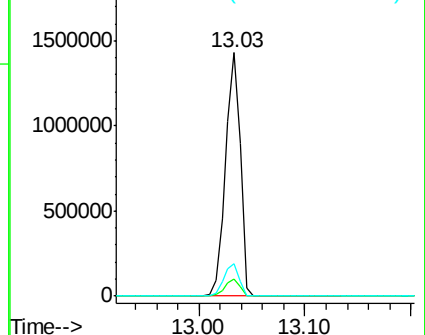
122 13.2 11.0 16.4

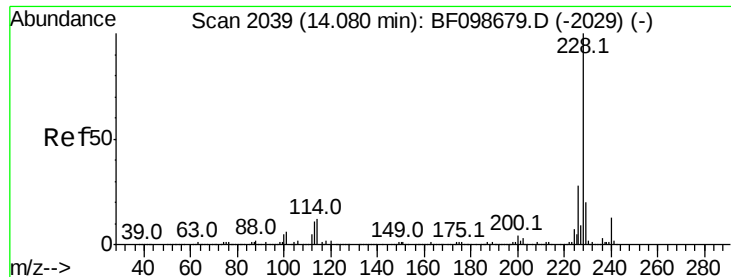


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.041 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

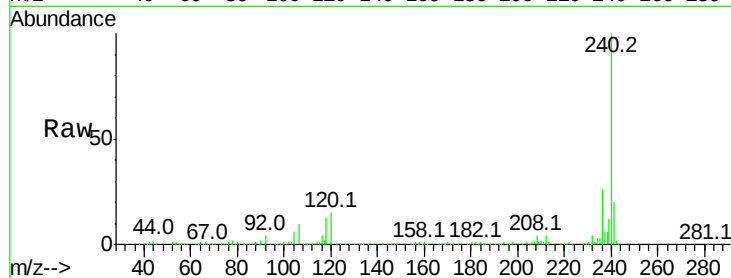
Tot Ion:228 Resp: 1112

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

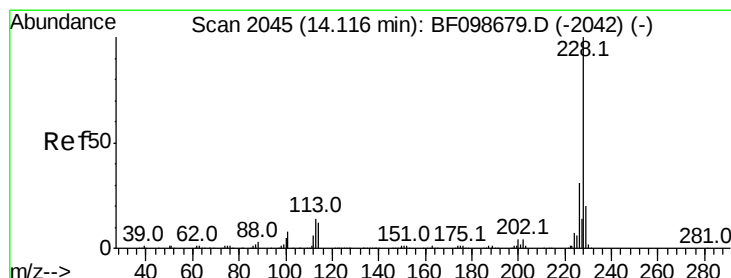
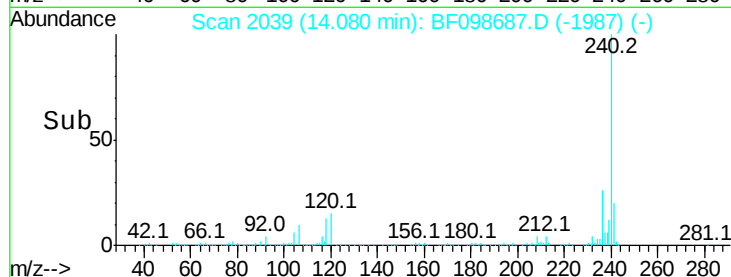
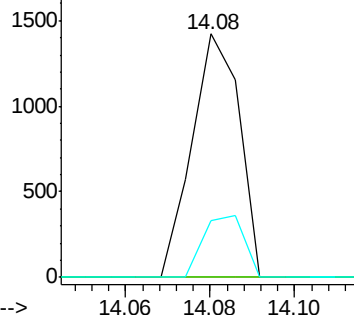
229 23.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.042 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

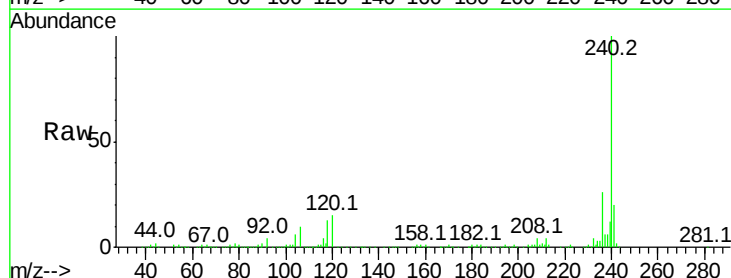
Tgt Ion:228 Resp: 1112

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

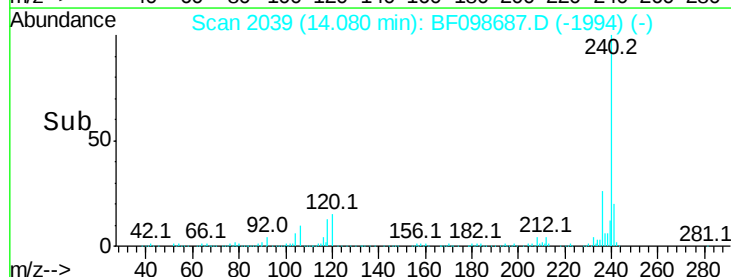
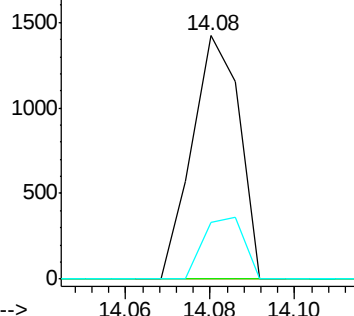
229 23.0 16.2 24.4

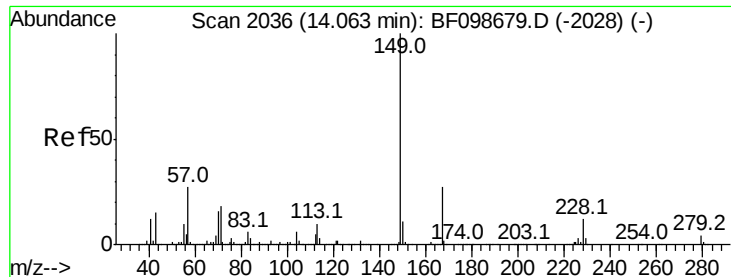


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.231 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

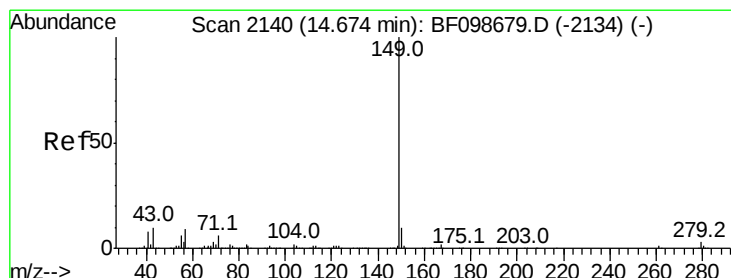
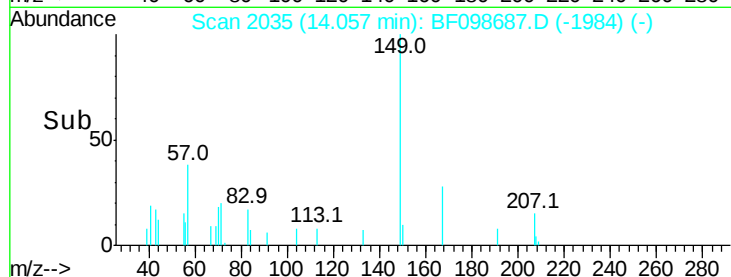
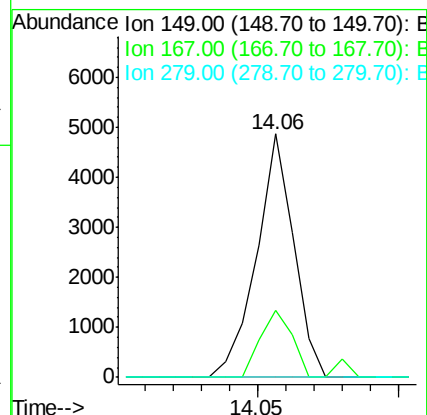
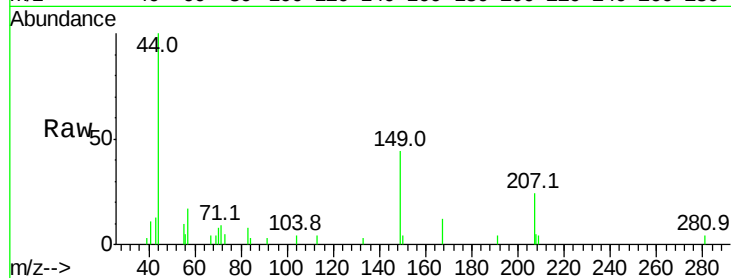
Tot Ion:149 Resp: 4442

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 0.0 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.03 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

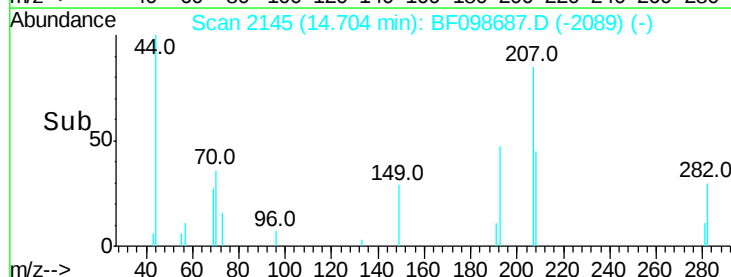
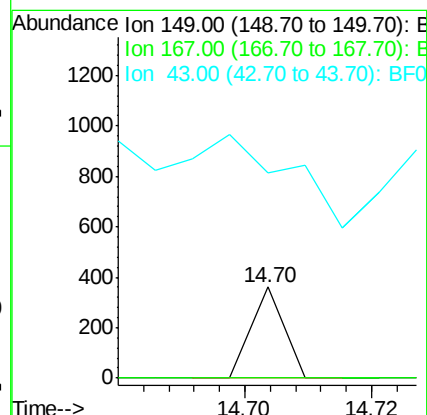
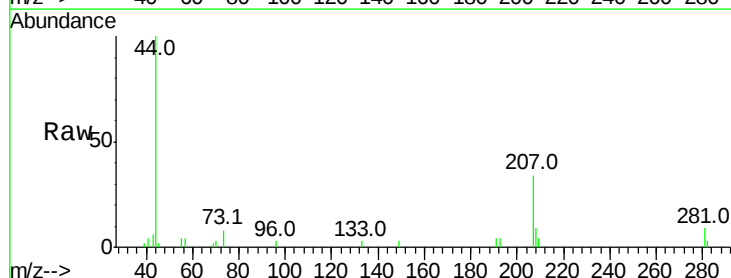
Tgt Ion:149 Resp: 127

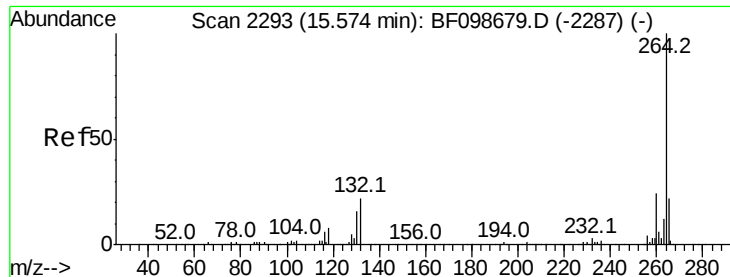
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.4 12.6#

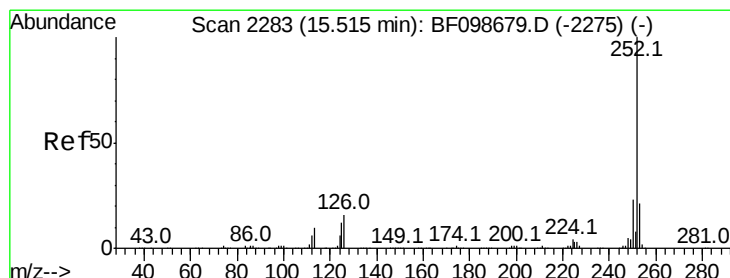
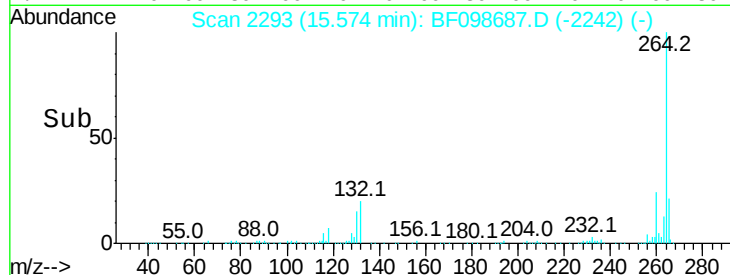
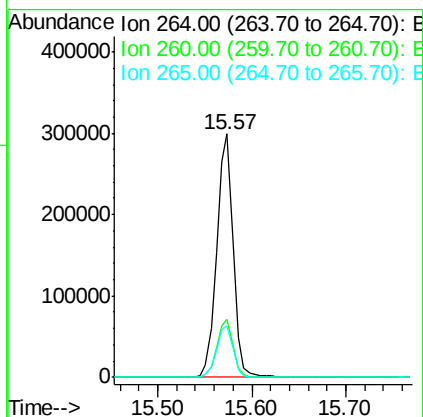
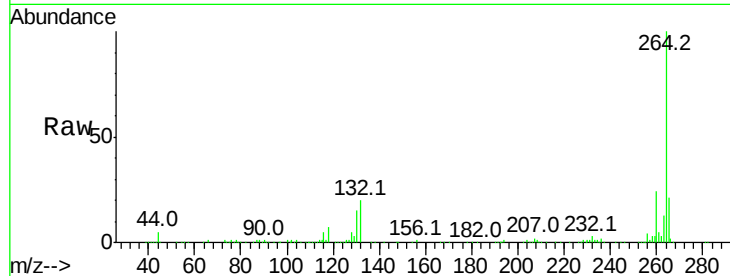




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Instrument :
BNA_F
ClientSampleId :
PB102454BL

Tot Ion:264 Resp: 366164
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.1 17.5 26.3



#89
Benzo(a)pyrene
Concen: 0.048 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.06 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion:252 Resp: 931
Ion Ratio Lower Upper
252 100
253 34.1 17.1 25.7#
125 25.3 9.8 14.6#

