

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093324.D
 Acq On : 2 Mar 2017 16:51
 Operator : SJ/MA
 Sample : PB97286BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

Quant Time: Mar 03 00:13:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	179153	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	725289	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	345646	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	644231	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	588260	20.00	ng	-0.05
86) Perylene-d12	15.39	264	438138	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1418958	135.88	ng	-0.05
7) Phenol-d6	6.44	99	1729811	128.74	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1072114	82.32	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	312469	124.99	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1783302	93.47	ng	-0.05
78) Terphenyl-d14	12.92	244	1526633	60.98	ng	-0.05

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.24	42	236	0.04	ng	# 1
6) Aniline	6.57	93	1961	0.11	ng	# 1
8) 2-Chlorophenol	6.57	128	557	0.05	ng	# 1
9) Benzaldehyde	6.44	77	2353	0.24	ng	# 1
10) Phenol	6.45	94	758	0.05	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	1961	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	709	0.05	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	709	0.05	ng	# 1
14) 1,2-Dichlorobenzene	6.97	146	709	0.05	ng	# 1
15) Benzyl Alcohol	6.94	79	16814	1.69	ng	# 36
19) n-Nitroso-di-n-propylamine	7.37	70	142591	16.67	ng	# 84
24) Nitrobenzene	7.37	77	2749	0.21	ng	# 33
25) Isophorone	7.37	82	823817	33.94	ng	# 65
45) 1,1'-Biphenyl	9.28	154	3521	0.14	ng	# 89
47) 2-Nitroaniline	9.17	65	3059	0.46	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	43642	8.68	ng	# 31
51) Acenaphthene	9.85	154	861	0.04	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	43645	6.52	ng	# 20
59) Diethylphthalate	10.27	149	255	0.01	ng	# 60
62) Azobenzene	10.65	77	1874	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	545	2.80	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	11136	0.54	ng	# 43
66) 4-Bromophenyl-phenylether	10.65	248	23376	3.47	ng	# 1
70) Phenanthrene	11.36	178	248	0.01	ng	# 58
71) Anthracene	11.36	178	248	0.01	ng	# 59
73) Di-n-butylphthalate	11.90	149	1141	0.03	ng	# 76
76) Benzidine	12.68	184	5119	0.20	ng	# 98
77) Pyrene	12.92	202	4620	0.10	ng	# 55
80) Benzo(a)anthracene	13.97	228	2436	0.07	ng	# 50
82) Chrysene	13.97	228	2436	0.07	ng	# 47
83) Bis(2-ethylhexyl)phthalate	13.94	149	2023	0.08	ng	# 89
84) Di-n-octyl phthalate	14.56	149	283	0.01	ng	# 1
87) Benzo(b)fluoranthene	15.00	252	242	0.01	ng	# 58
88) Benzo(k)fluoranthene	15.00	252	242	0.01	ng	# 58

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QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

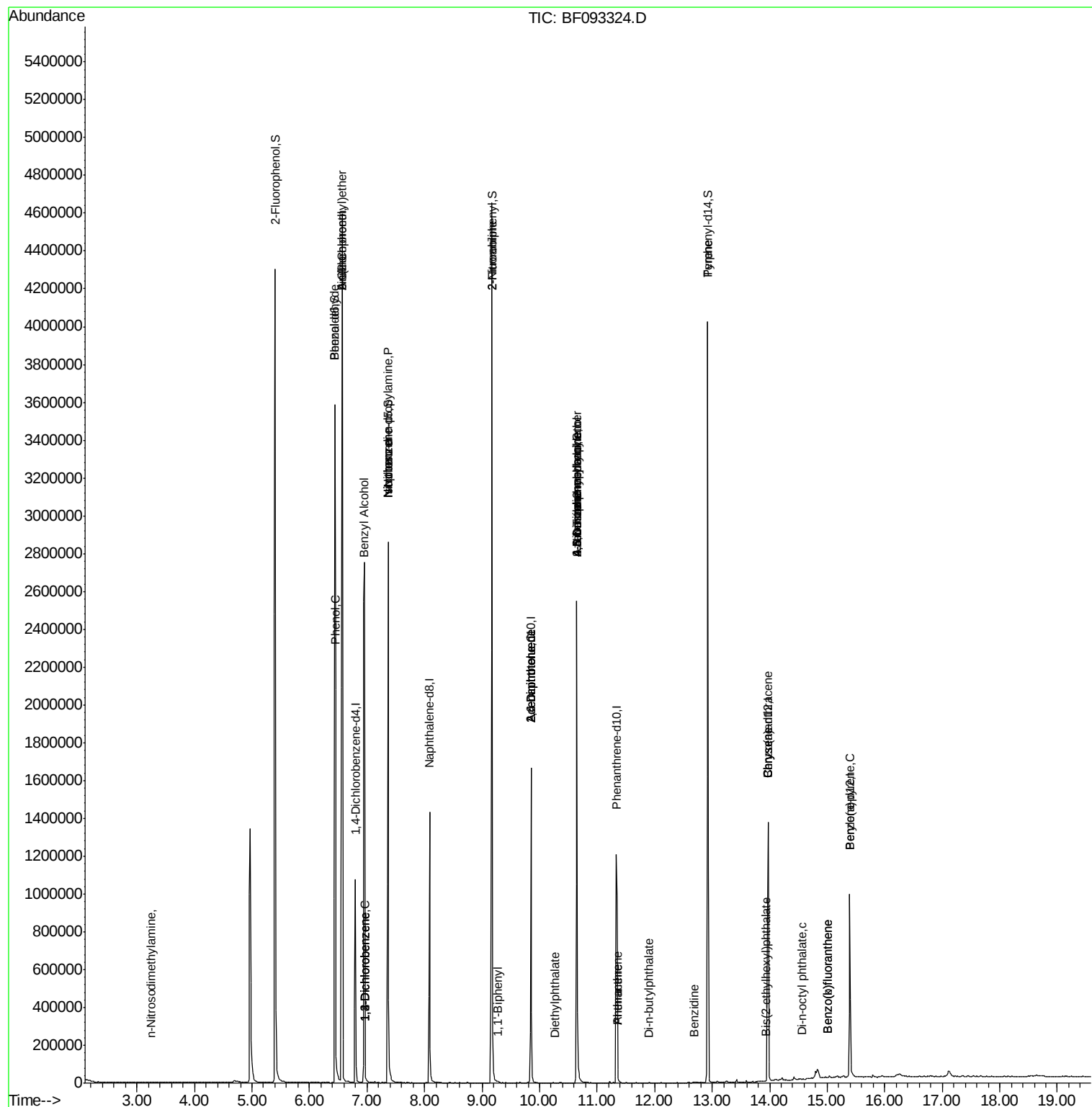
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.39	252	1669	0.07	ng	# 60

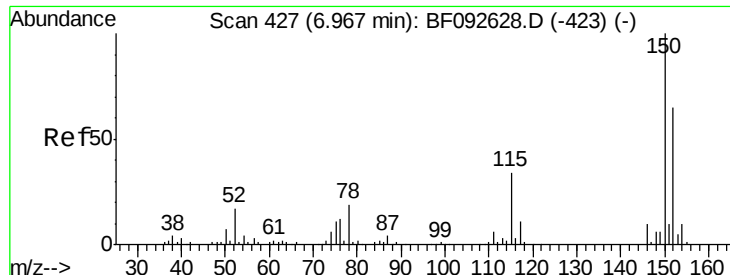
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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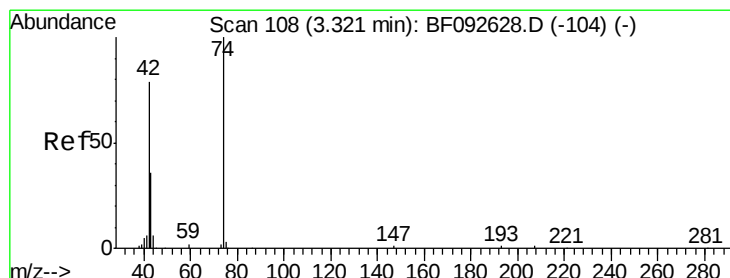
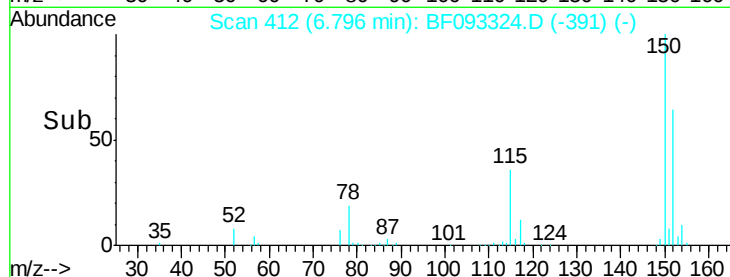
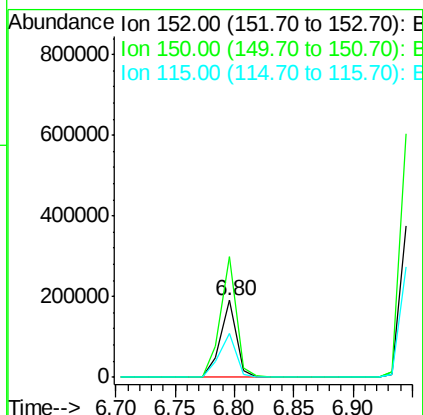
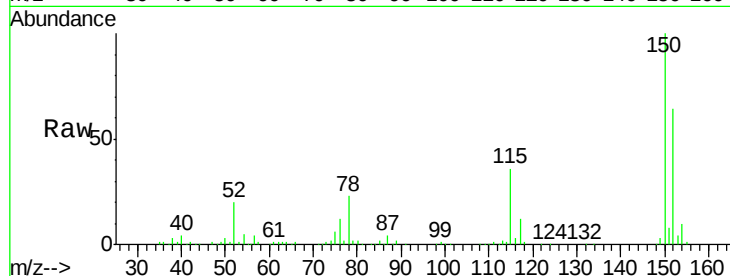


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

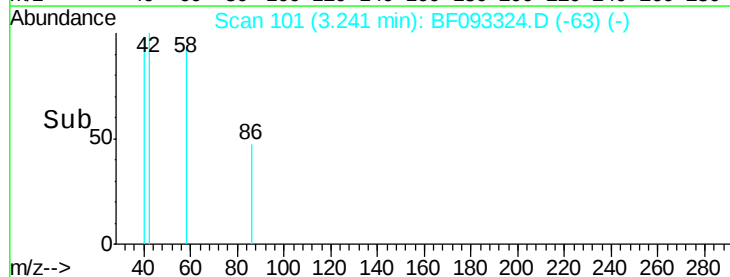
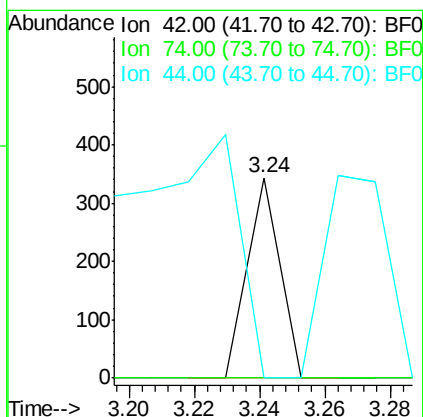
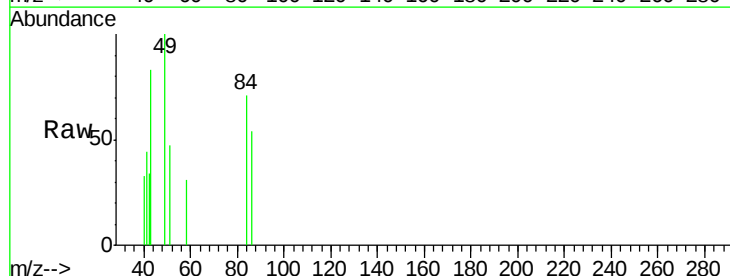
Tgt Ion:152 Resp: 179153
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 56.6 46.0 69.0

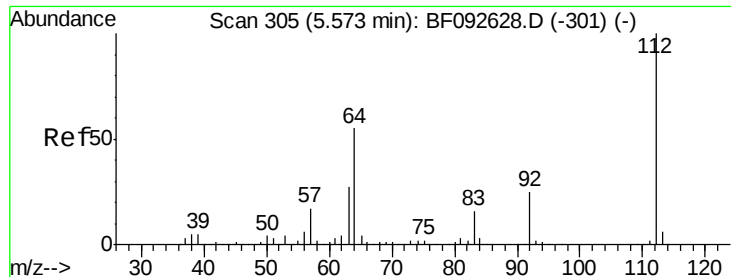


#4

n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.14 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion: 42 Resp: 236
Ion Ratio Lower Upper
42 100
74 0.0 117.0 175.4#
44 0.0 5.5 8.3#





#5

2-Fluorophenol

Concen: 135.88 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

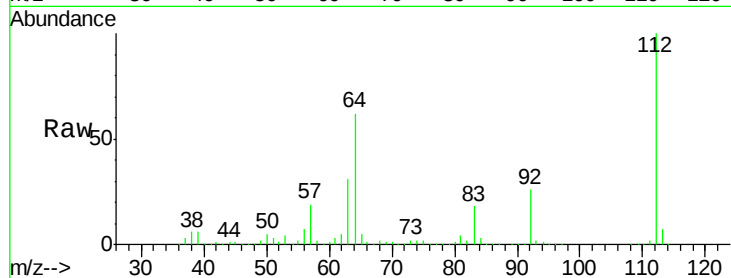
Tgt Ion:112 Resp: 1418958

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

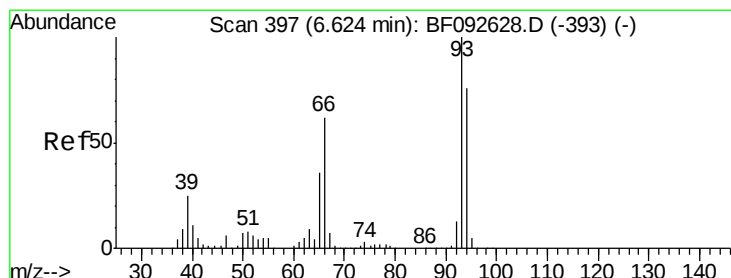
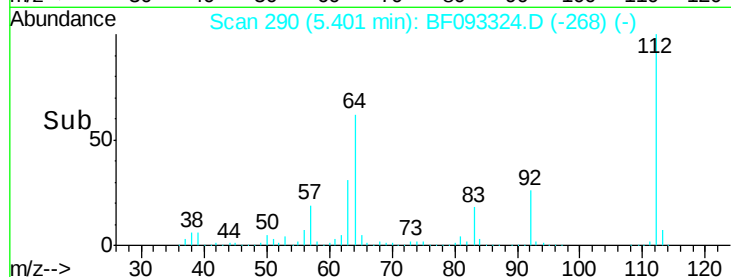
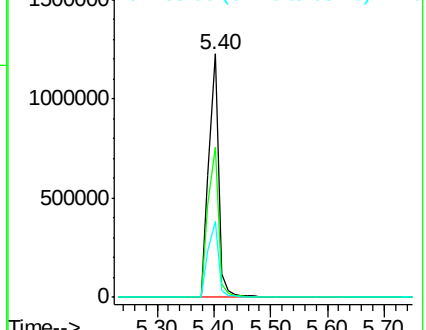
63 31.3 23.8 35.6



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: 0.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.06 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

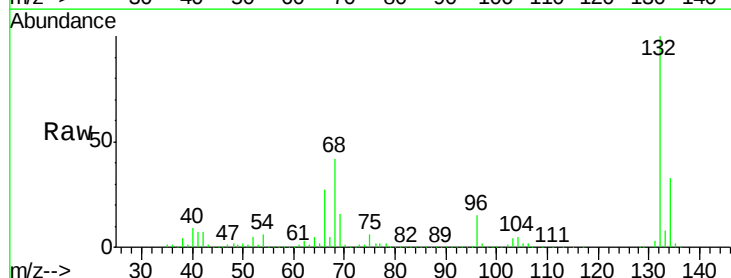
Tgt Ion: 93 Resp: 1961

Ion Ratio Lower Upper

93 100

66 18687.5 76.2 114.2#

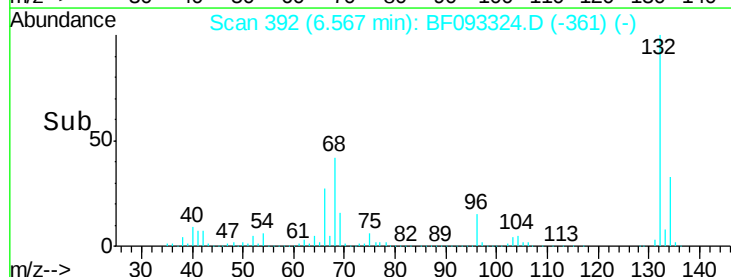
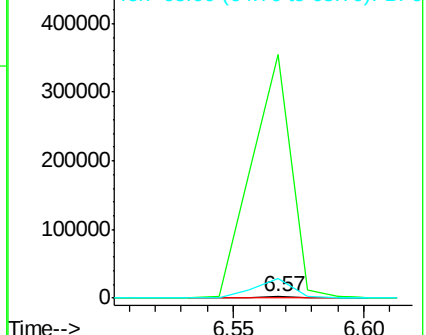
65 1456.7 49.3 73.9#

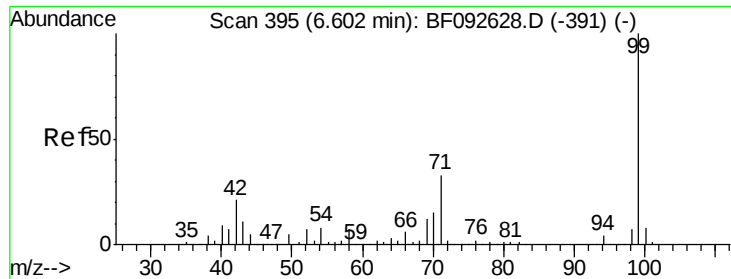


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

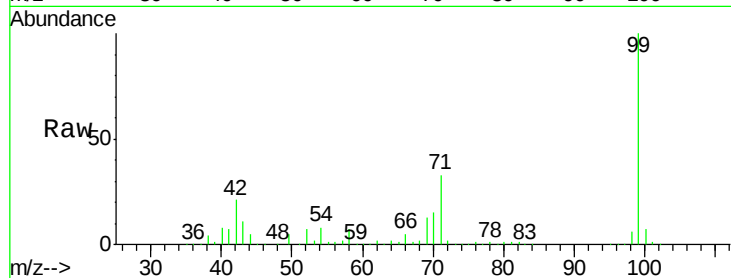
Tgt Ion: 99 Resp: 1729811

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

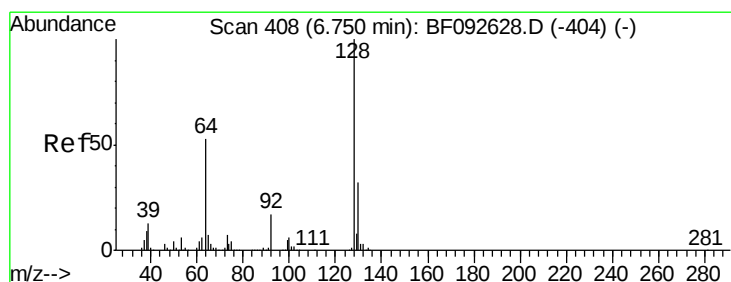
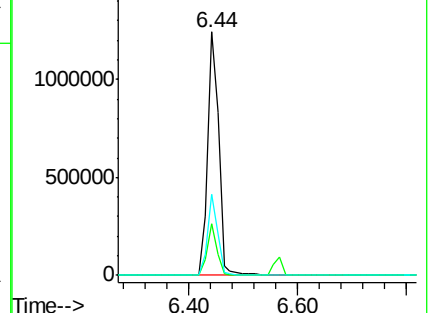
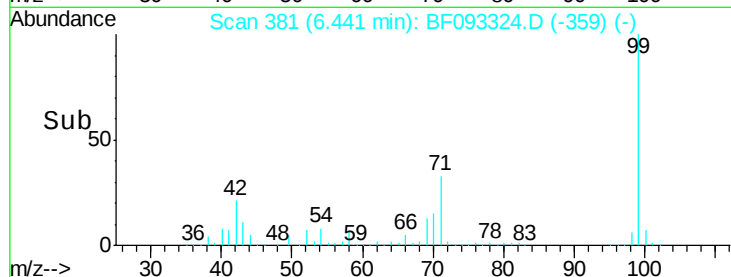
71 33.4 27.5 41.3



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: 0.05 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

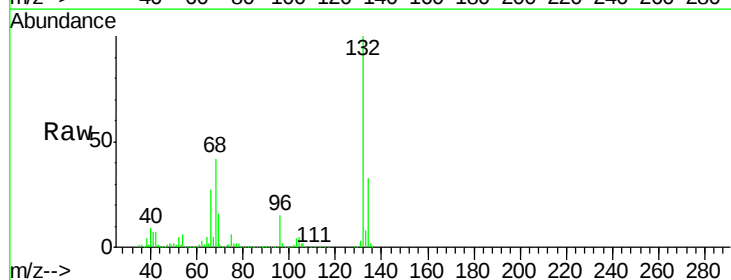
Tgt Ion: 128 Resp: 557

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

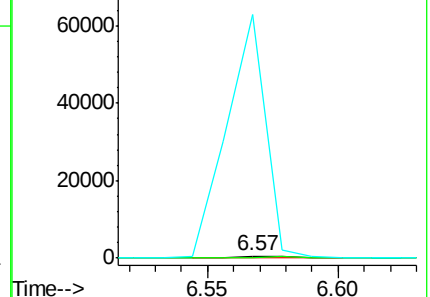
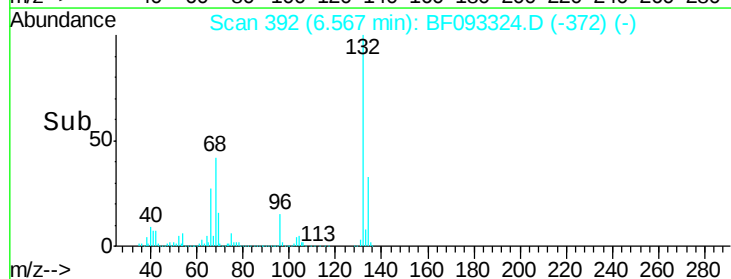
64 14598.6 32.2 72.2#

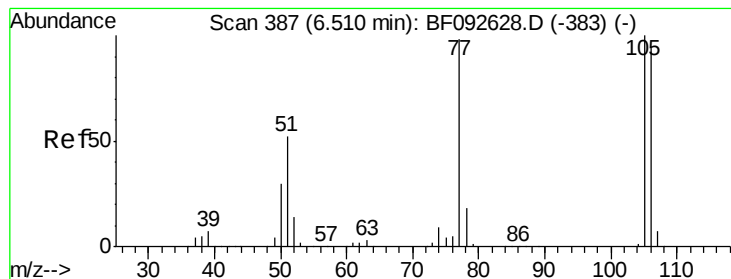


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.24 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

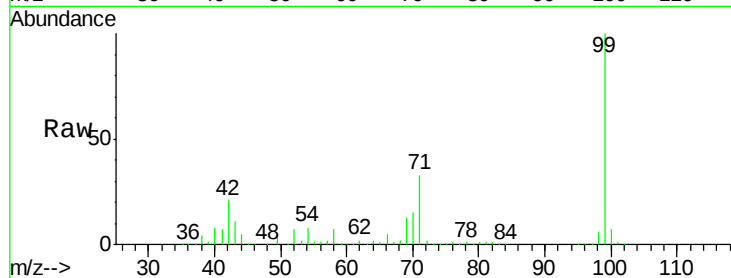
Tgt Ion: 77 Resp: 2353

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

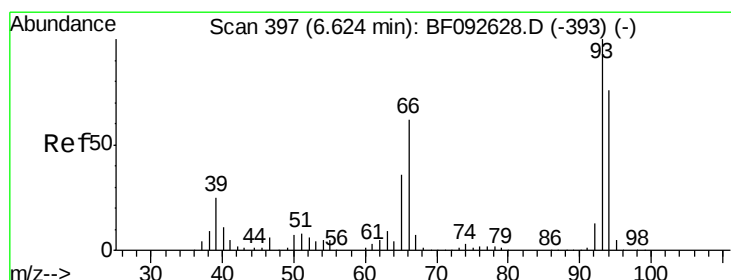
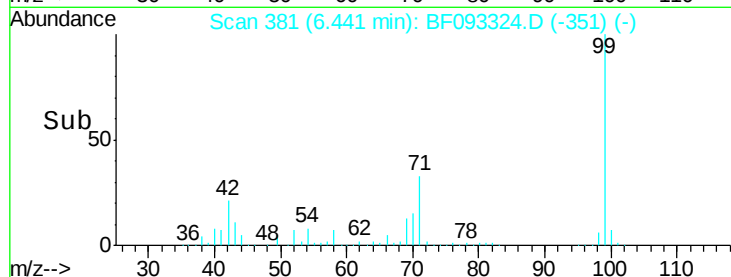
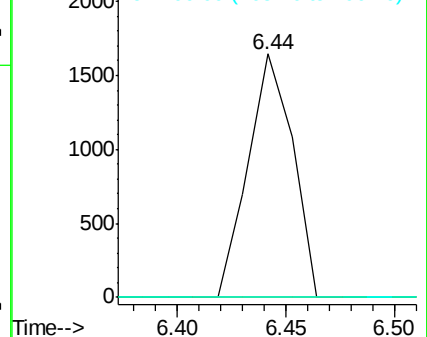
106 0.0 77.6 117.6#



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: 0.05 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

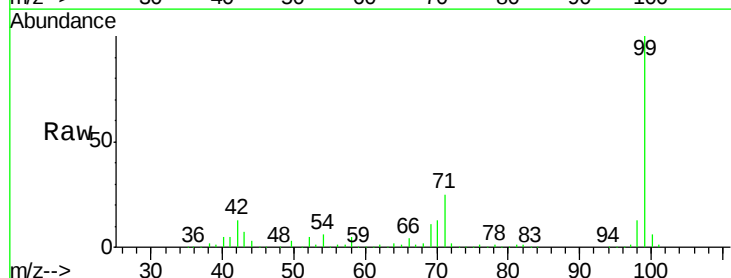
Tgt Ion: 94 Resp: 758

Ion Ratio Lower Upper

94 100

65 898.0 21.4 61.4#

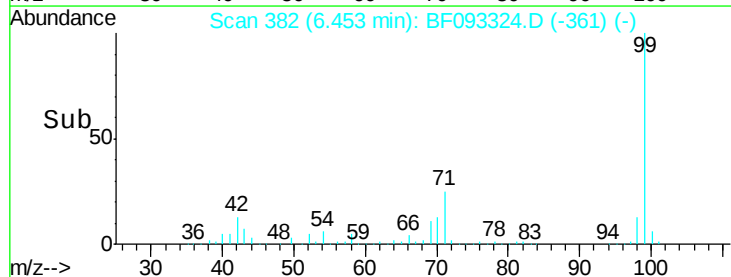
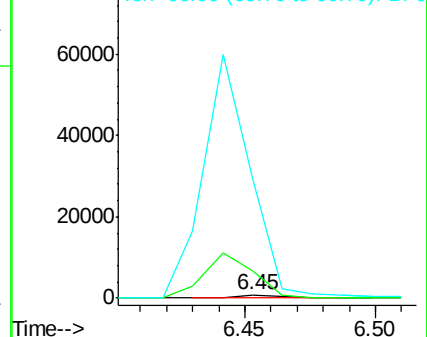
66 3844.0 44.0 84.0#

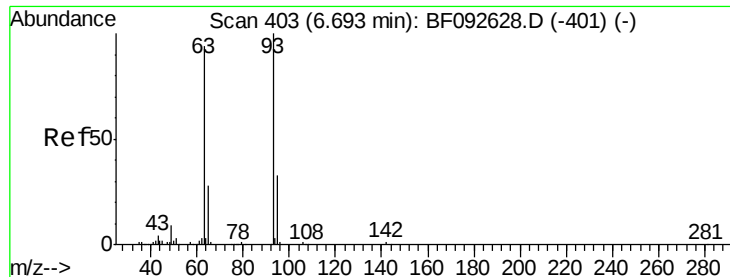


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

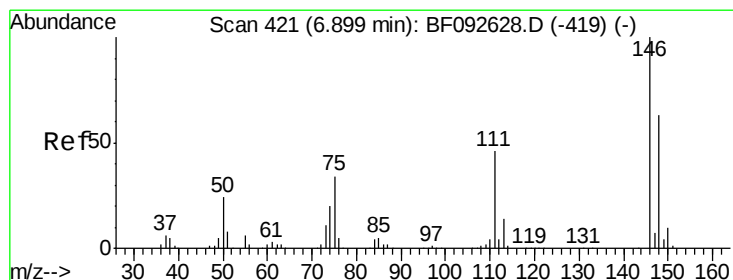
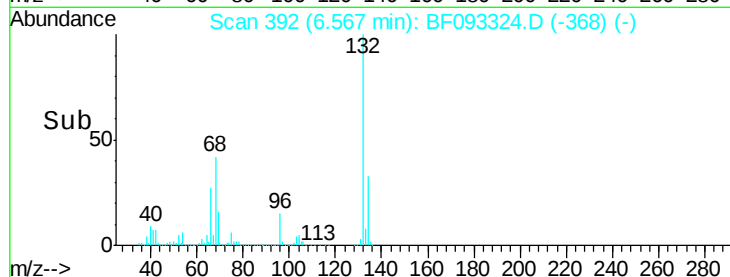
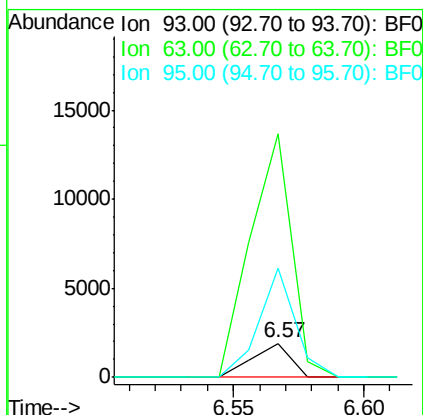
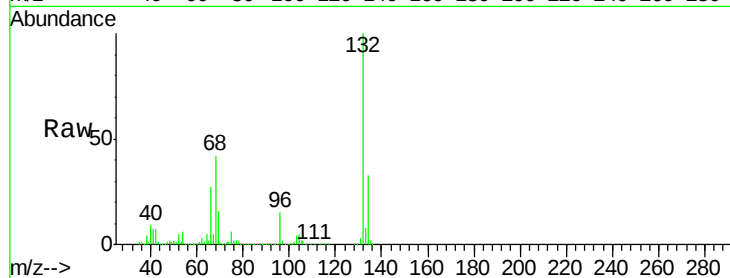




#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

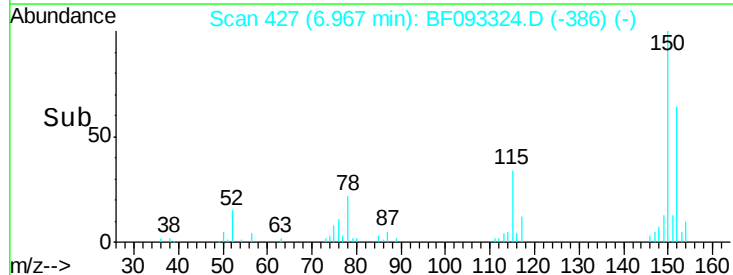
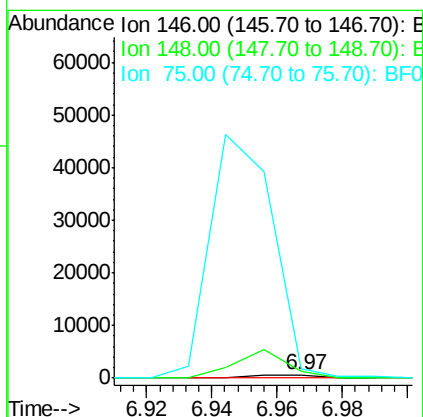
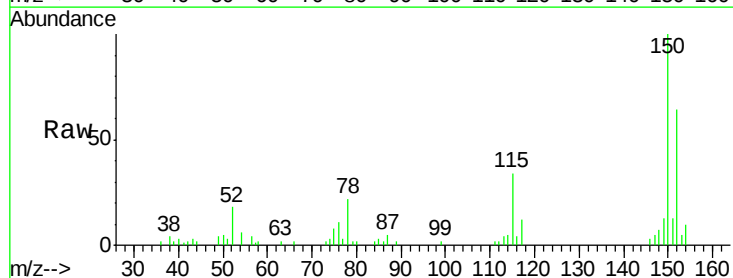
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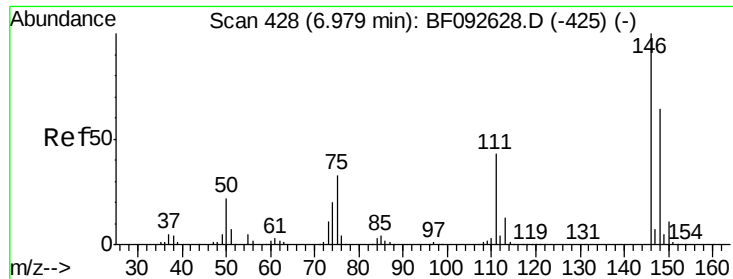
Tgt Ion: 93 Resp: 1961
Ion Ratio Lower Upper
93 100
63 720.0 60.4 100.4#
95 323.5 12.8 52.8#



#12
1,3-Dichlorobenzene
Concen: 0.05 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion: 146 Resp: 709
Ion Ratio Lower Upper
146 100
148 238.7 53.4 80.0#
75 293.0 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 0.05 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.09 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

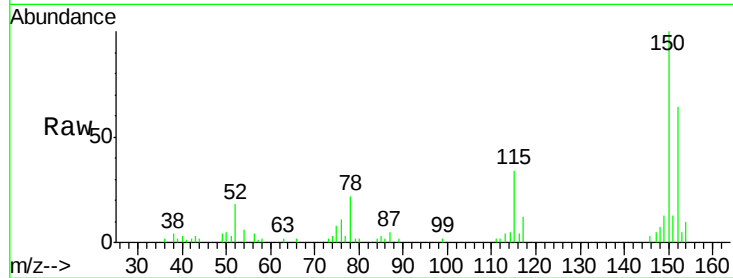
Tgt Ion:146 Resp: 709

Ion Ratio Lower Upper

146 100

148 238.7 50.6 76.0#

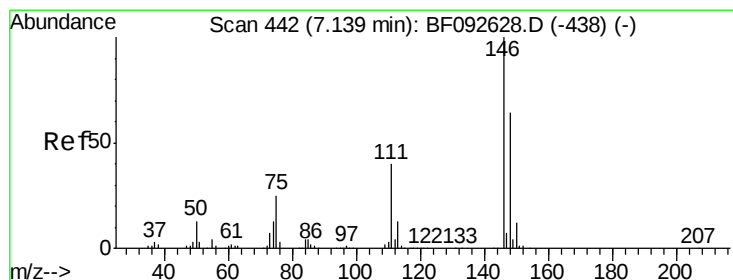
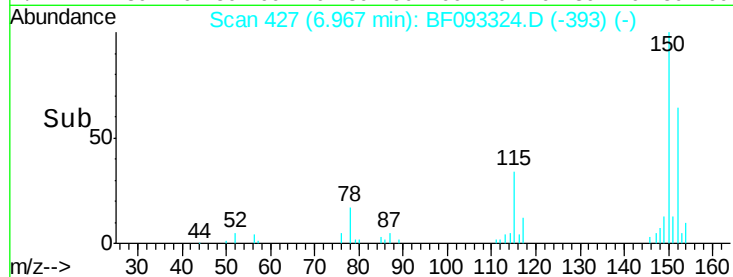
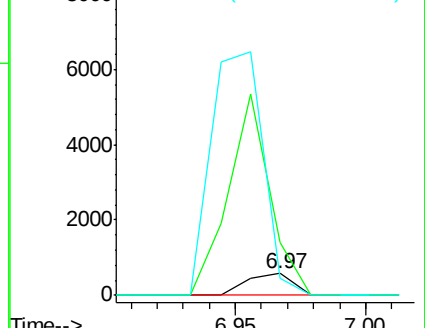
111 75.6 36.2 54.4#



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: 0.05 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

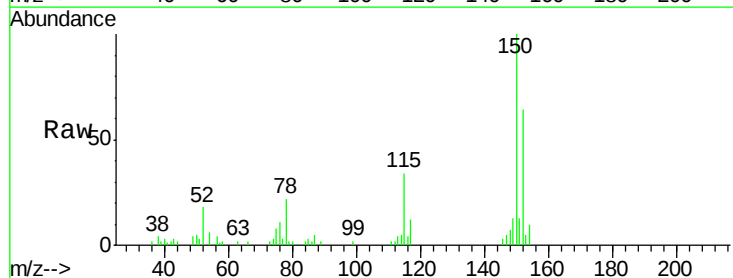
Tgt Ion:146 Resp: 709

Ion Ratio Lower Upper

146 100

148 238.7 52.2 78.2#

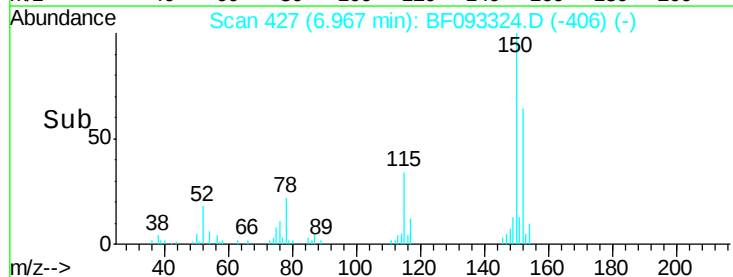
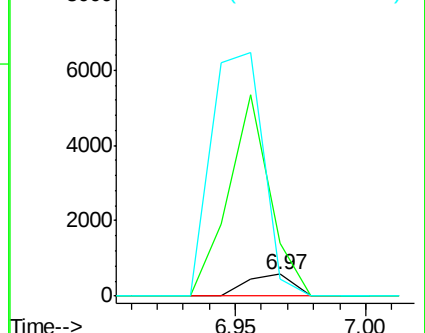
111 75.6 36.2 54.2#

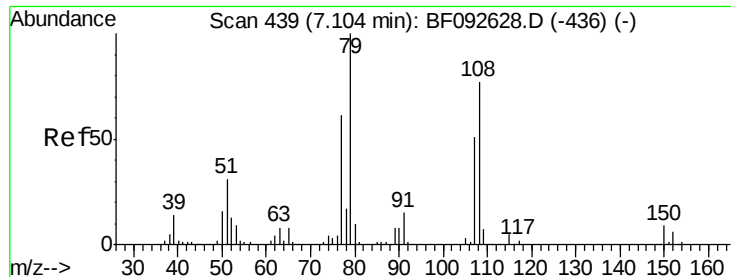


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.69 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampled :

PB97286BL

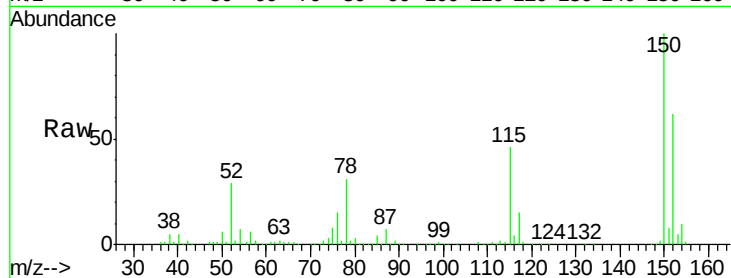
Tgt Ion: 79 Resp: 16814

Ion Ratio Lower Upper

79 100

108 24.0 61.4 92.0#

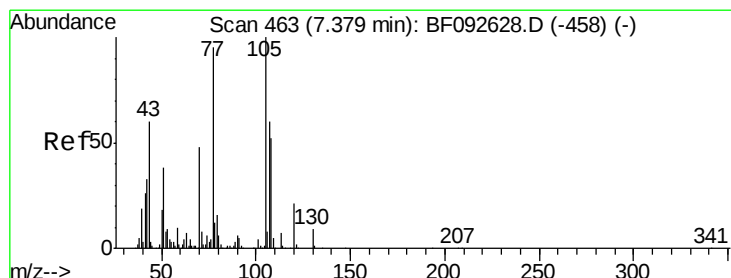
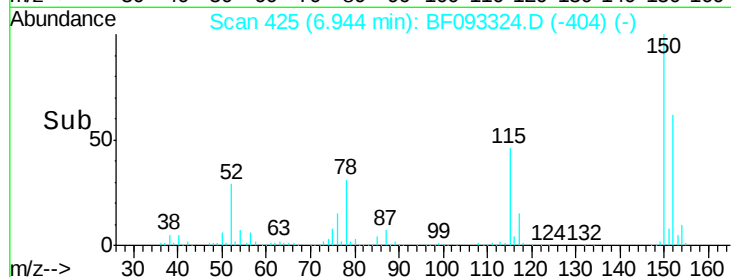
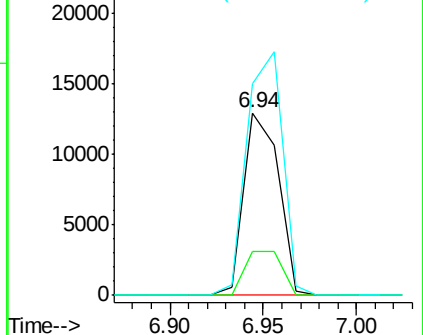
77 115.6 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.67 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Tgt Ion: 70 Resp: 142591

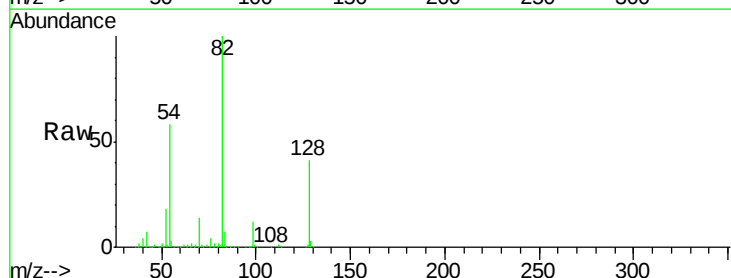
Ion Ratio Lower Upper

70 100

42 54.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

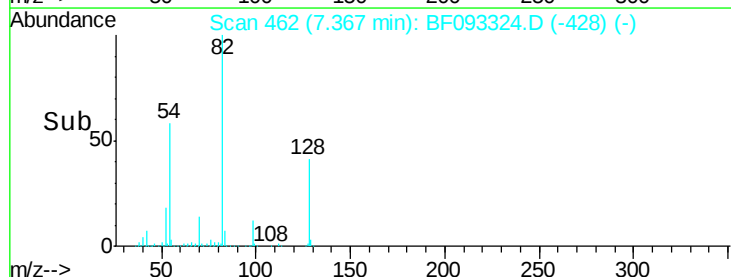
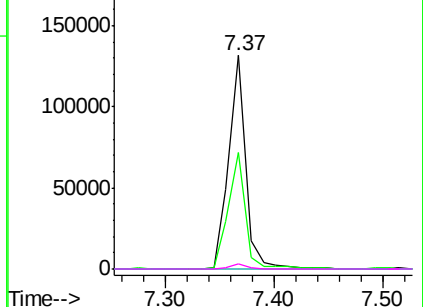


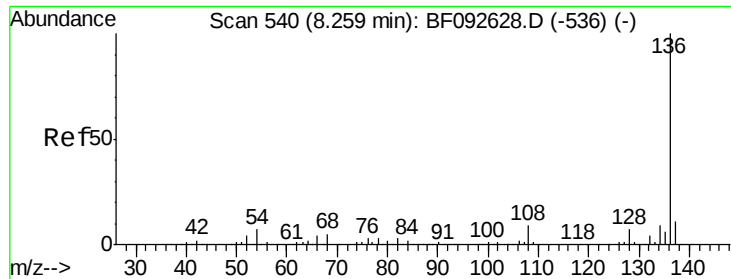
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

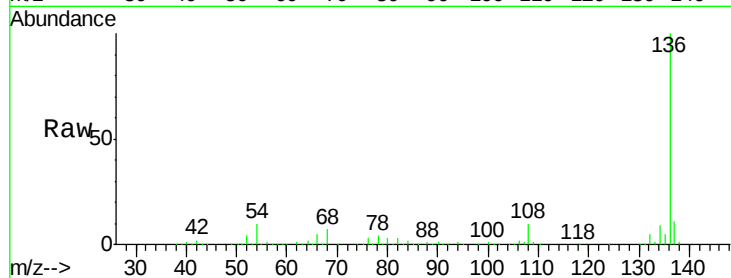




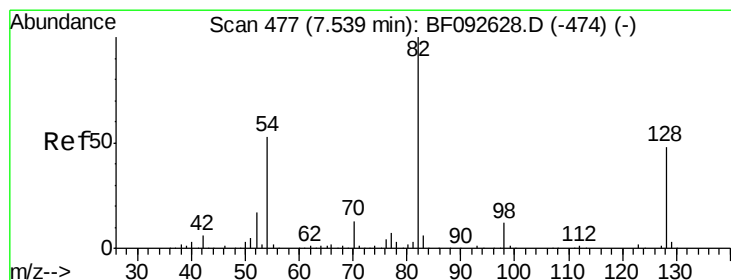
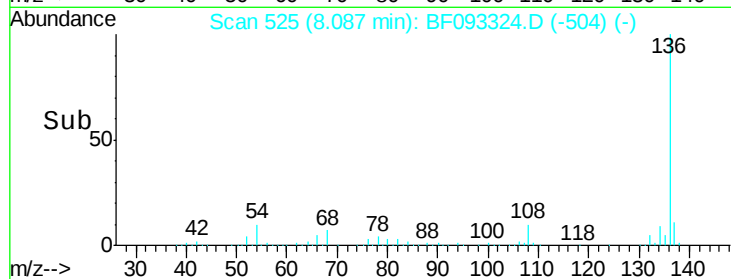
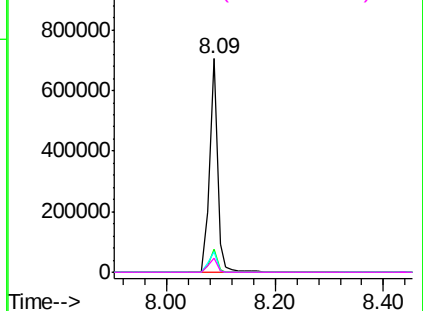
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

Tgt Ion:	136	Resp:	725289
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.6	4.5	6.7#
68	6.7	3.6	5.4#

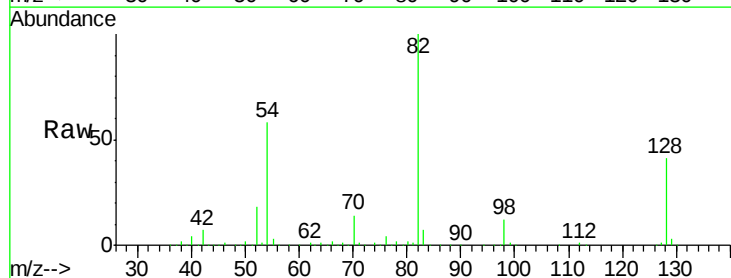


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

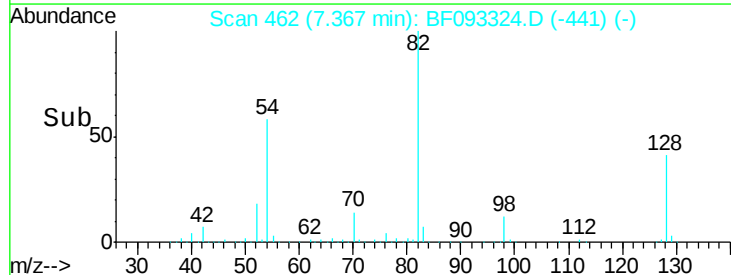
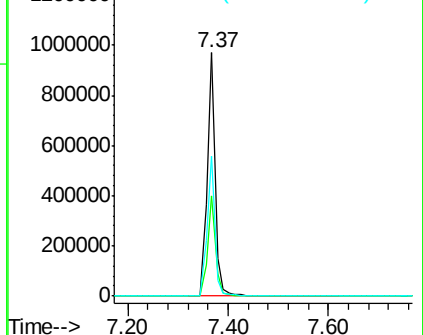


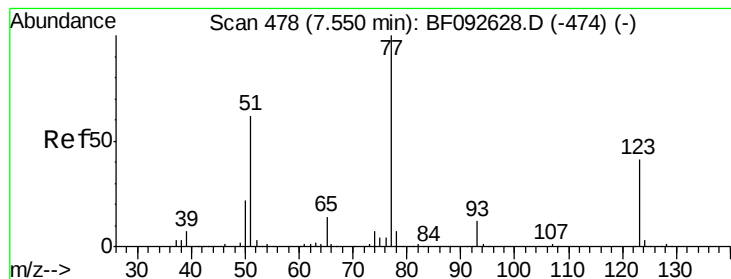
#23
Nitrobenzene-d5
Concen: 82.32 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:	82	Resp:	1072114
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	57.7	39.5	59.3



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: 0.21 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

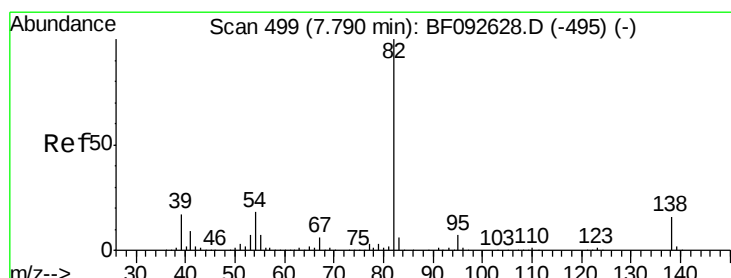
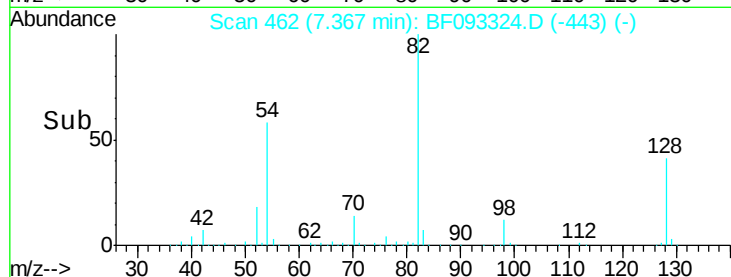
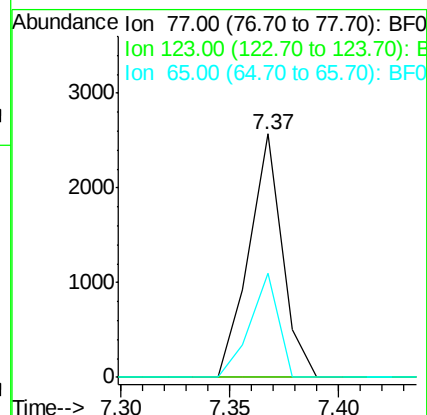
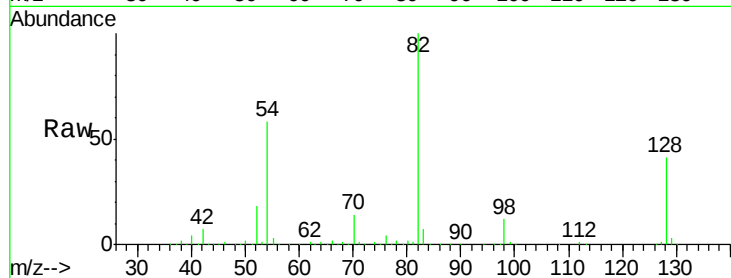
Tgt Ion: 77 Resp: 2749

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

65 42.5 11.2 16.8#



#25

Isophorone

Concen: 33.94 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

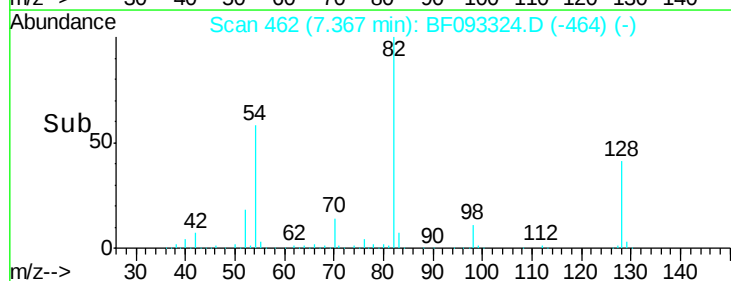
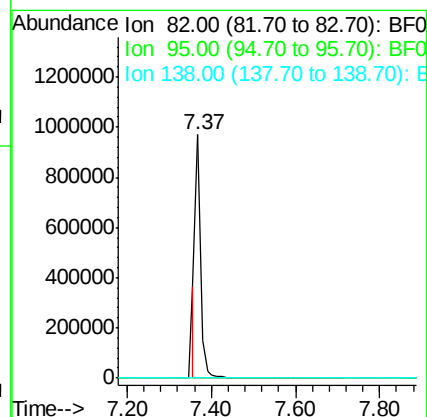
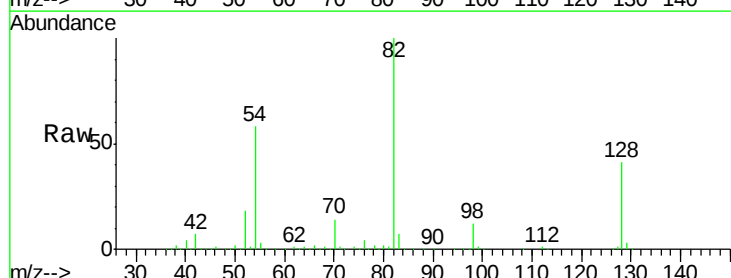
Tgt Ion: 82 Resp: 823817

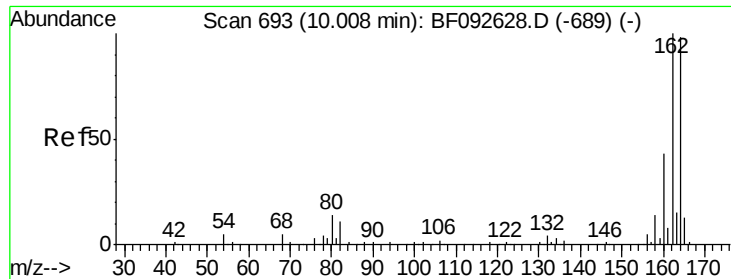
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

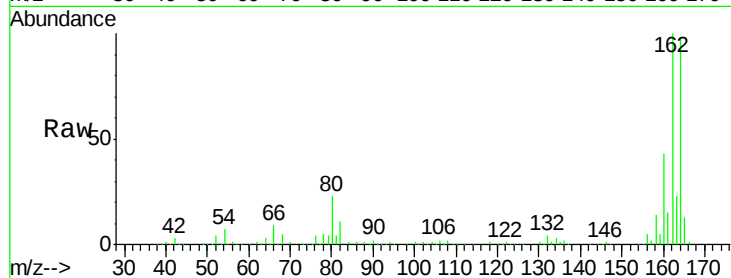
Tgt Ion:164 Resp: 345646

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

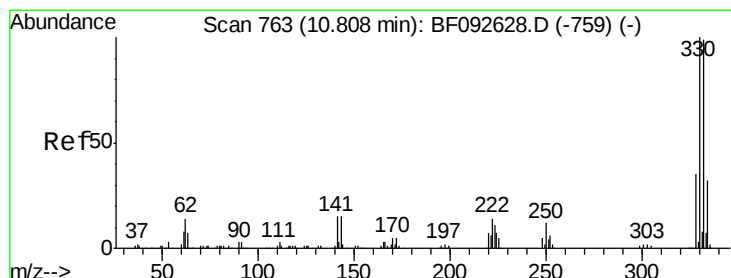
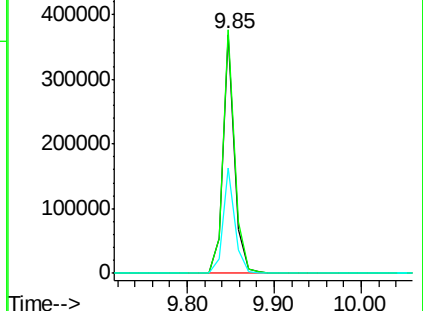
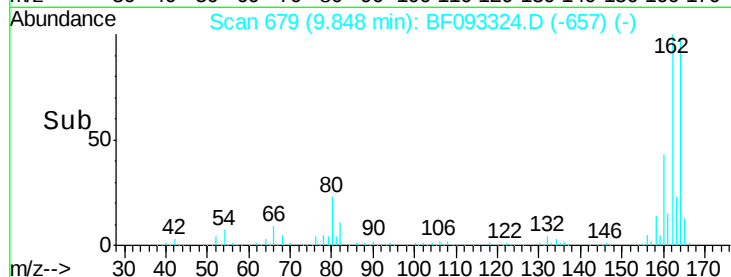
160 44.4 36.9 55.3



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: 124.99 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

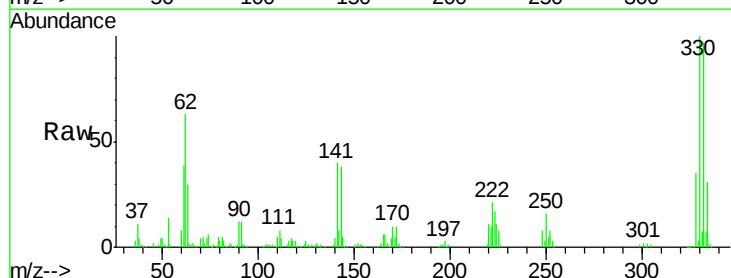
Tgt Ion:330 Resp: 312469

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

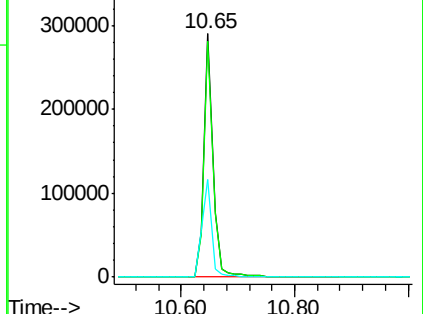
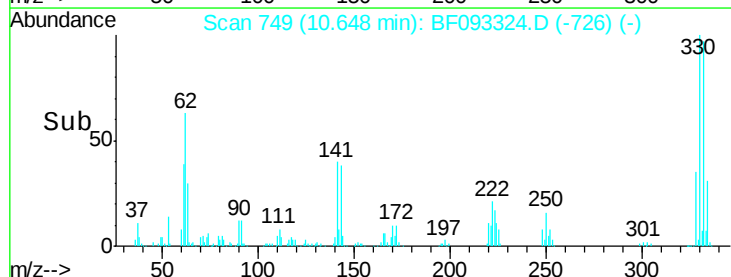
141 42.5 34.1 51.1

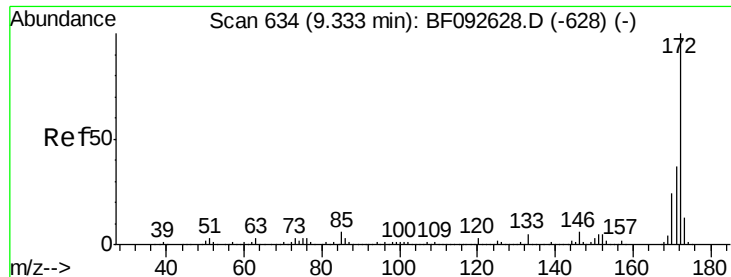


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

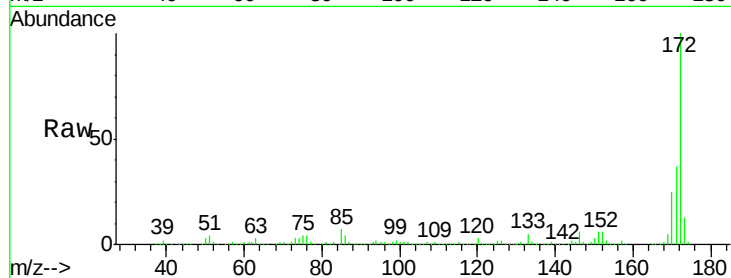




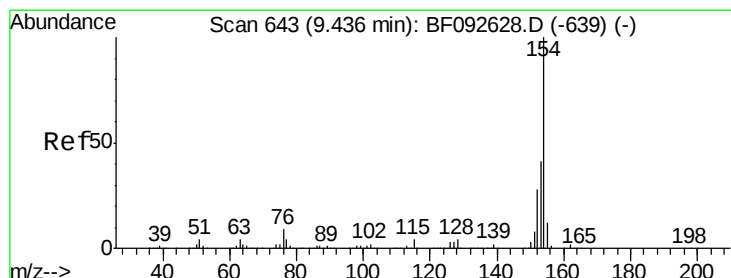
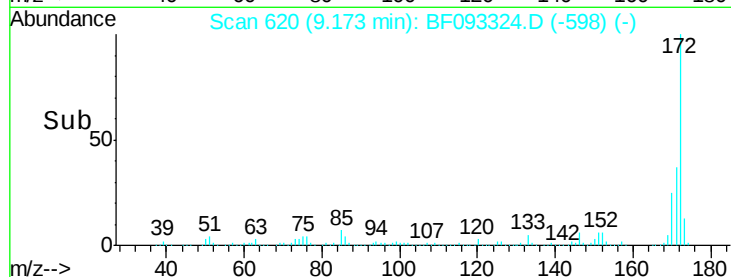
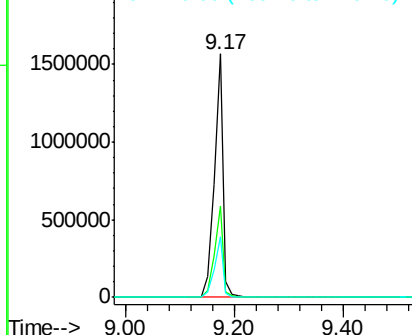
#44
 2-Fluorobiphenyl
 Concen: 93.47 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

Tgt Ion:172 Resp: 1783302
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 24.6 20.2 30.4

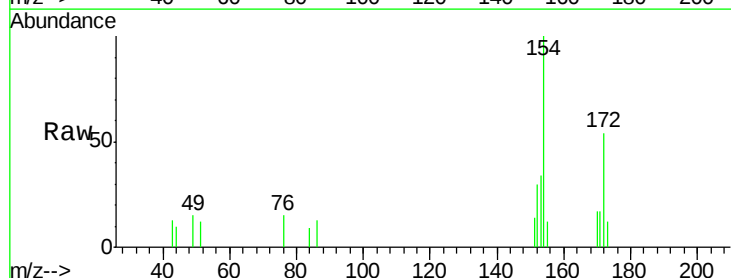


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

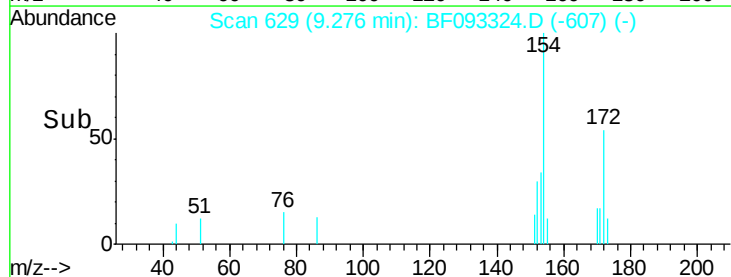
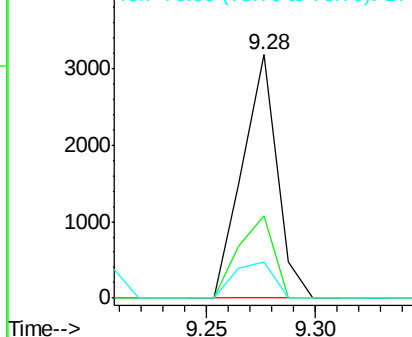


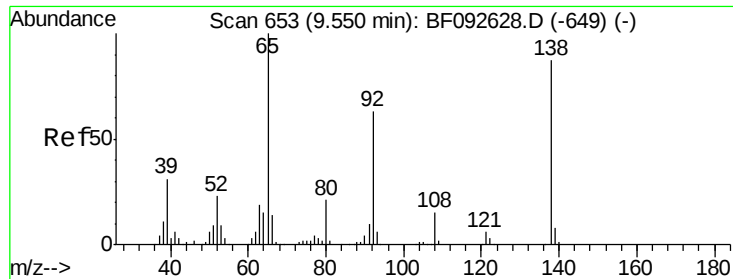
#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Tgt Ion:154 Resp: 3521
 Ion Ratio Lower Upper
 154 100
 153 33.8 20.9 60.9
 76 15.0 0.0 30.5



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

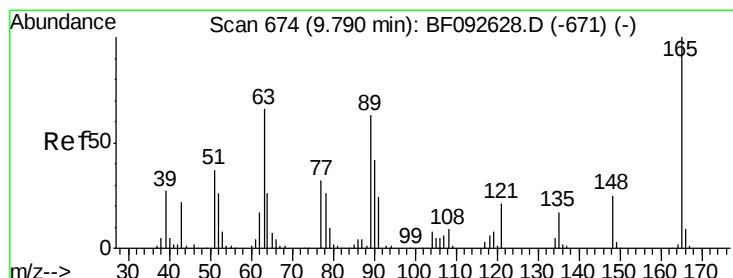
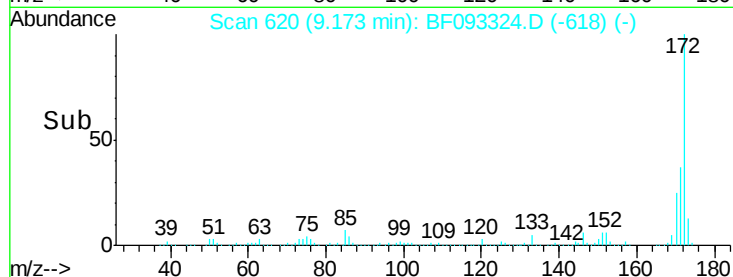
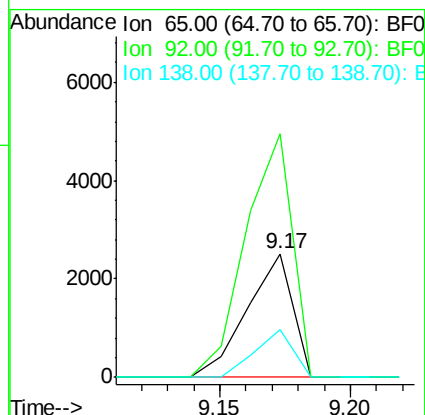
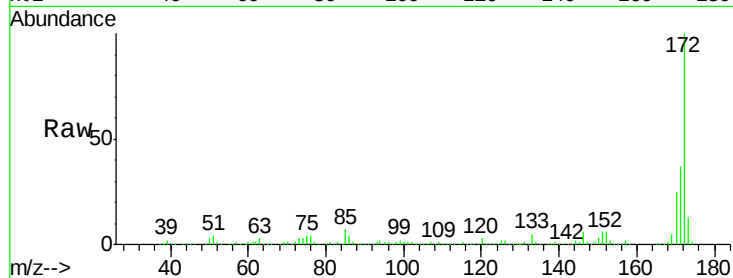




#47
2-Nitroaniline
Concen: 0.46 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.27 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

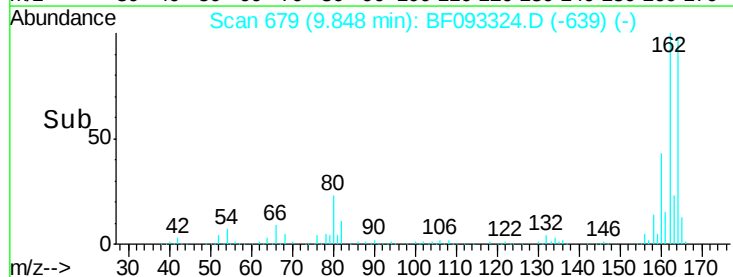
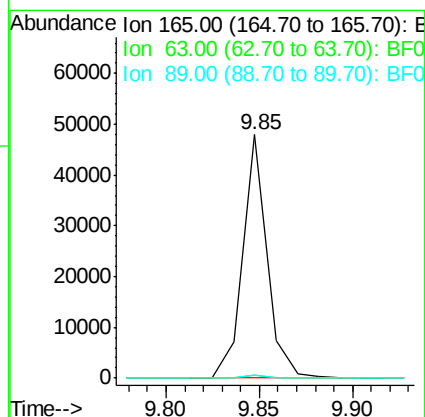
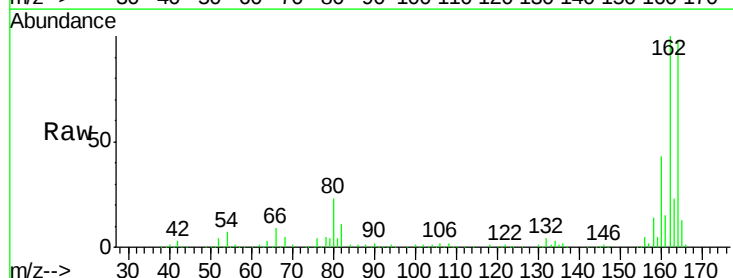
Instrument :
BNA_F
ClientSampleId :
PB97286BL

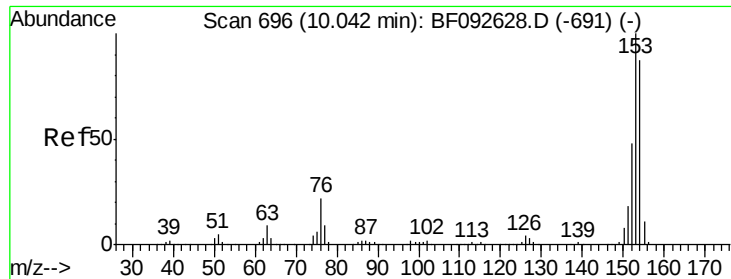
Tgt Ion: 65 Resp: 3059
Ion Ratio Lower Upper
65 100
92 197.4 53.9 80.9#
138 39.0 76.8 115.2#



#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion: 165 Resp: 43642
Ion Ratio Lower Upper
165 100
63 1.1 36.2 54.4#
89 1.4 40.2 60.4#





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

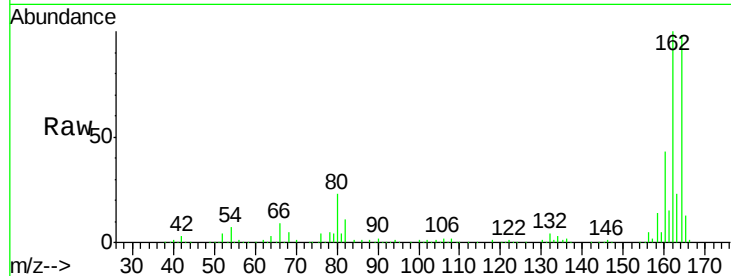
Tgt Ion:154 Resp: 861

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

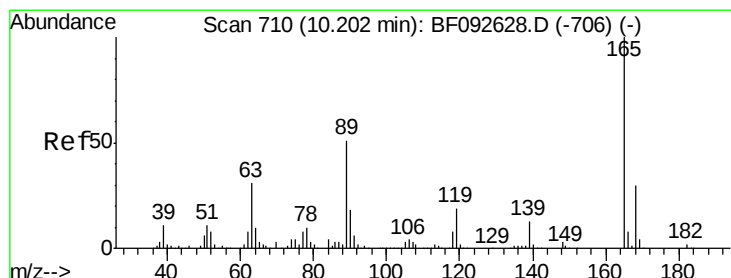
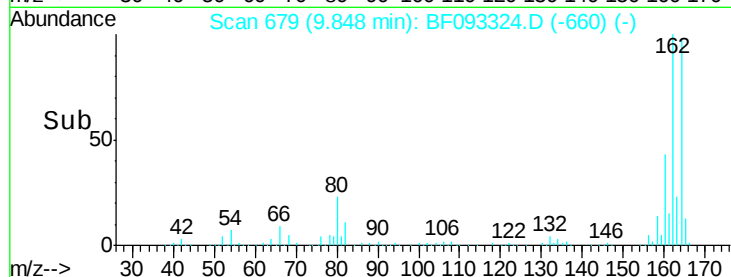
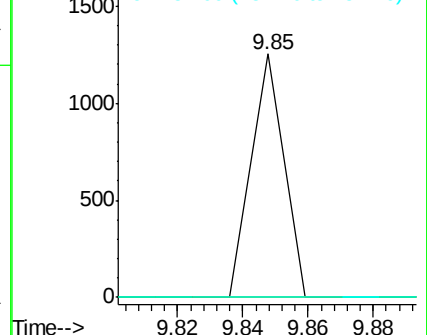
152 0.0 41.6 62.4#



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: 6.52 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Tgt Ion:165 Resp: 43645

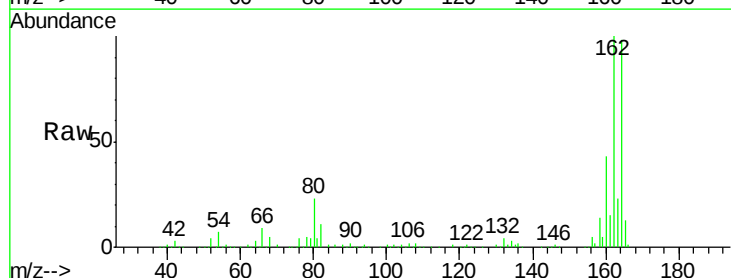
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

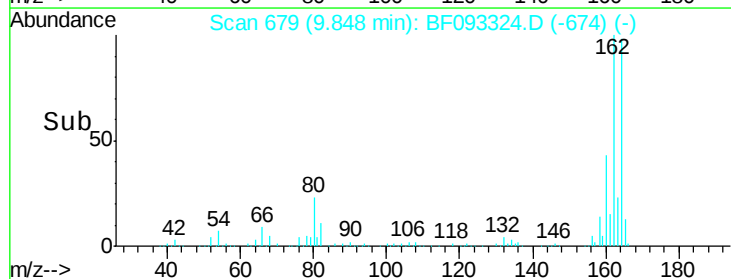
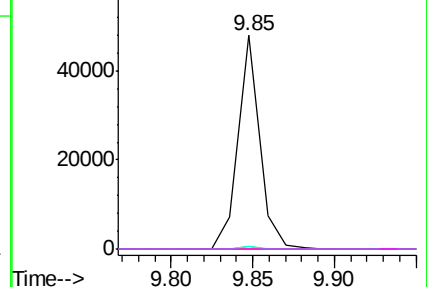


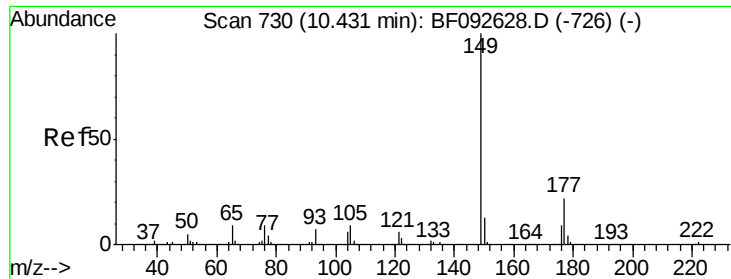
Abundance Ion 165.00 (164.70 to 165.70): E

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

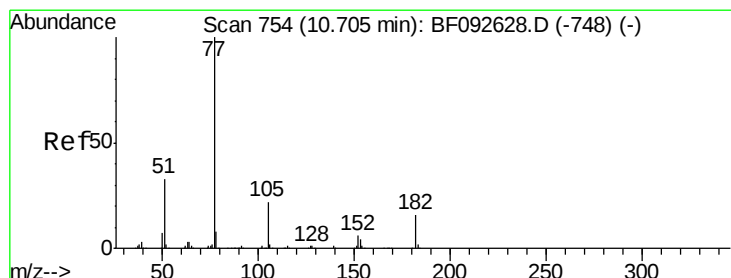
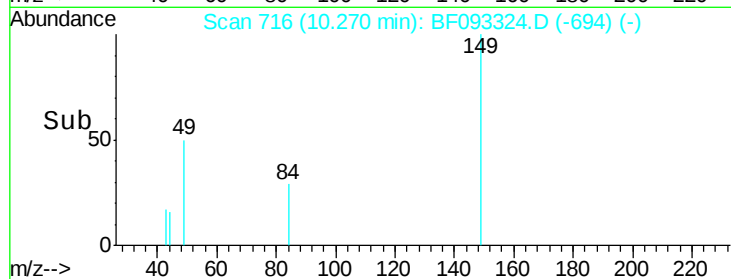
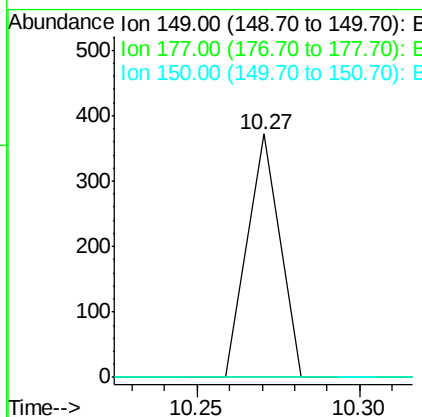
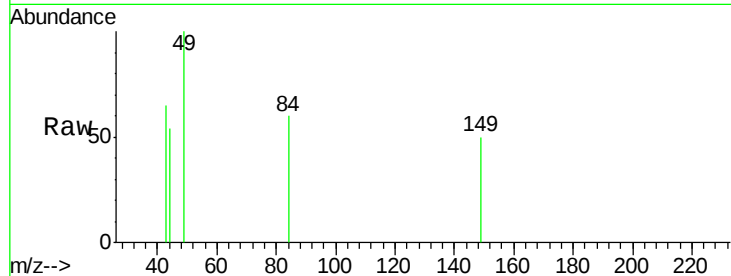




#59
Diethylphthalate
Concen: 0.01 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

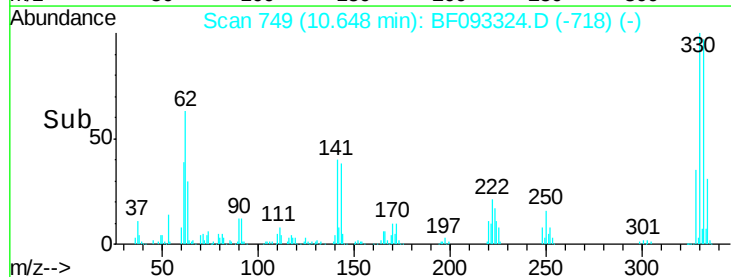
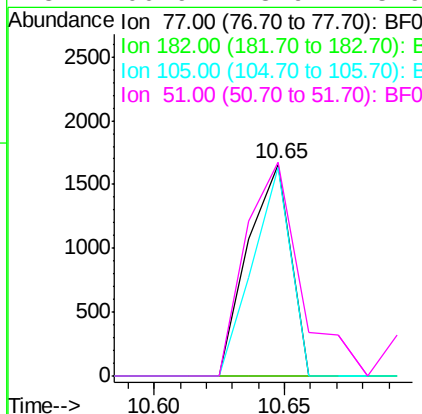
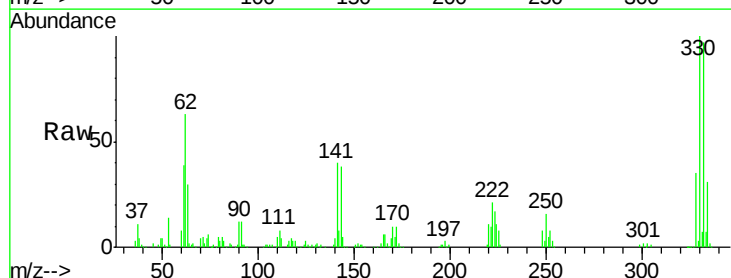
Instrument :
BNA_F
ClientSampleId :
PB97286BL

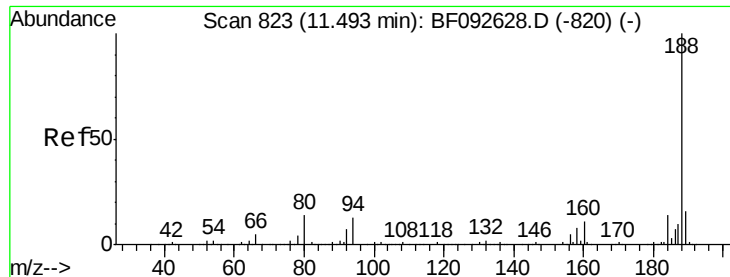
Tgt Ion: 149 Resp: 255
Ion Ratio Lower Upper
149 100
177 0.0 16.6 25.0#
150 0.0 10.4 15.6#



#62
Azobenzene
Concen: 0.08 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion: 77 Resp: 1874
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 98.4 2.3 42.3#
51 100.9 8.9 48.9#

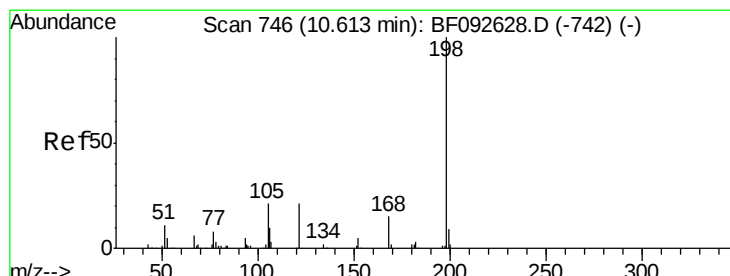
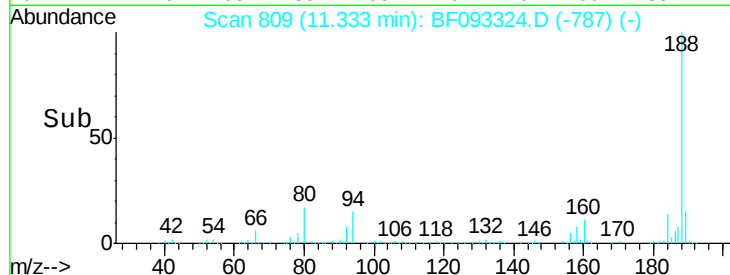
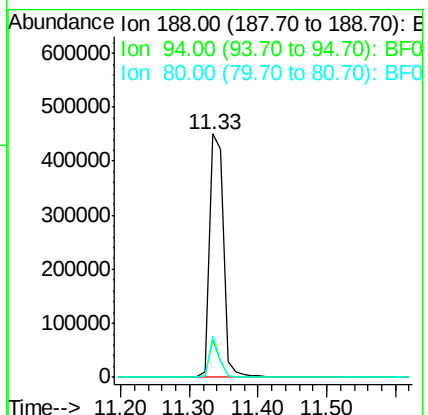
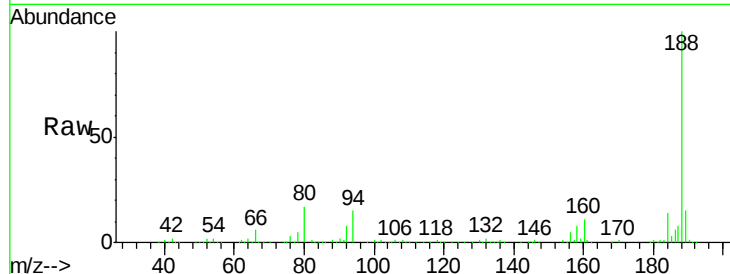




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

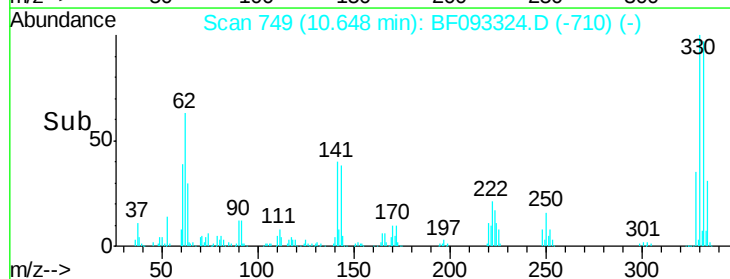
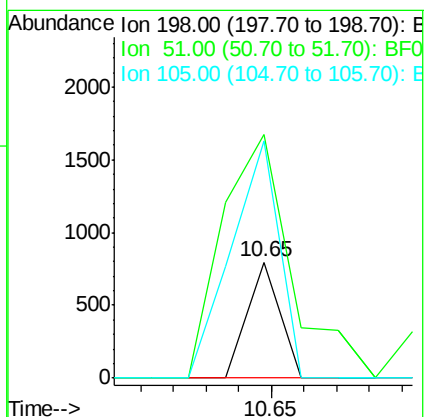
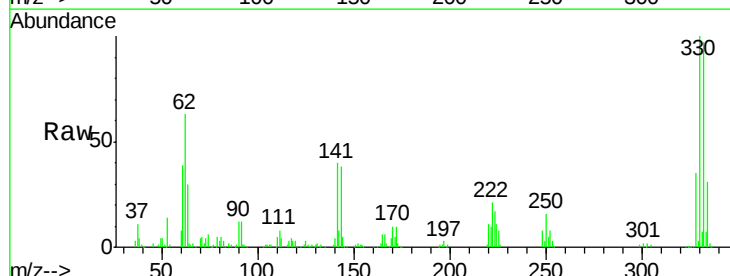
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

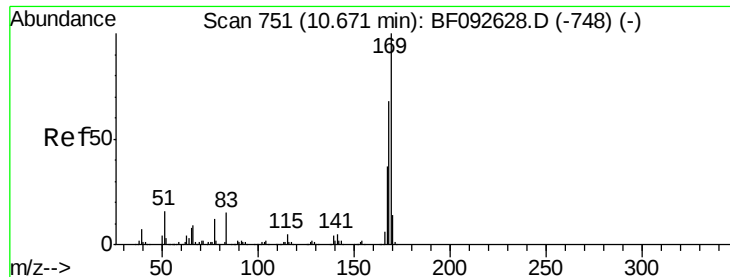
Tgt Ion:188 Resp: 644231
 Ion Ratio Lower Upper
 188 100
 94 15.4 10.0 15.0#
 80 16.9 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.80 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.15 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Tgt Ion:198 Resp: 545
 Ion Ratio Lower Upper
 198 100
 51 210.4 6.7 46.7#
 105 205.3 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 0.54 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

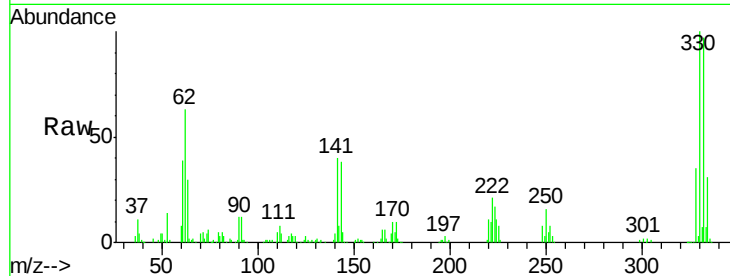
Tgt Ion:169 Resp: 11136

Ion Ratio Lower Upper

169 100

168 9.4 54.2 81.2#

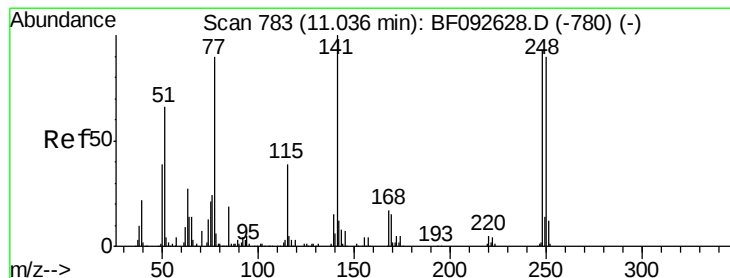
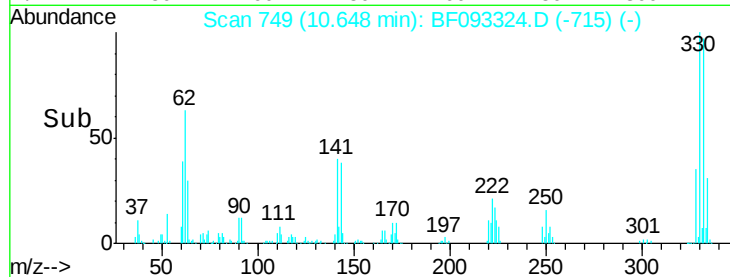
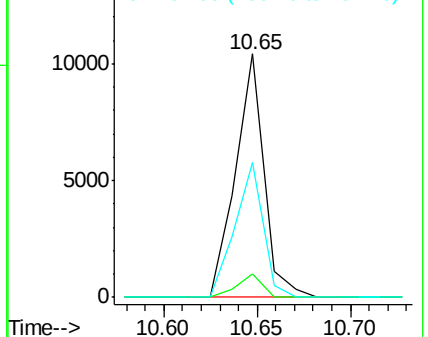
167 55.5 30.2 45.4#



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: 3.47 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

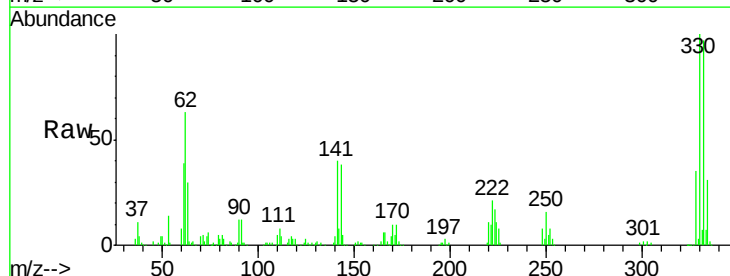
Tgt Ion:248 Resp: 23376

Ion Ratio Lower Upper

248 100

250 197.7 76.9 115.3#

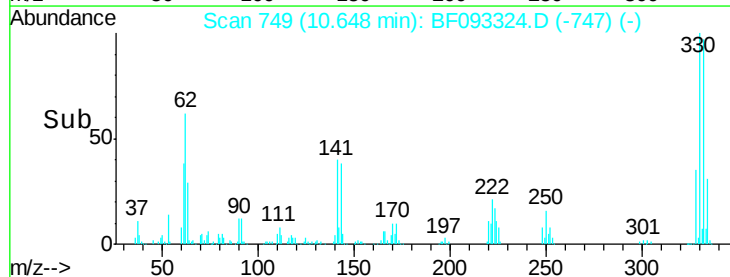
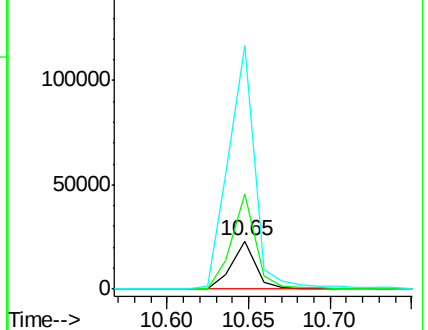
141 507.5 68.2 102.4#

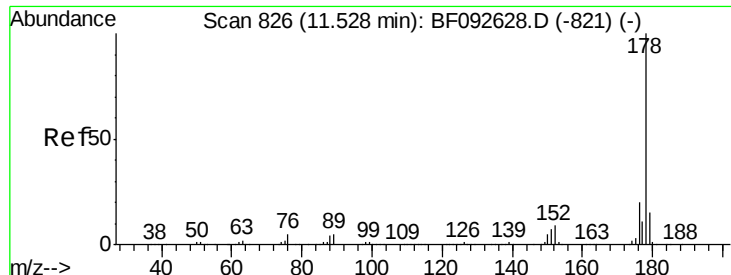


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

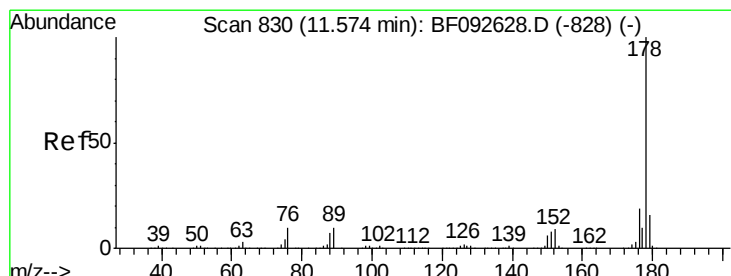
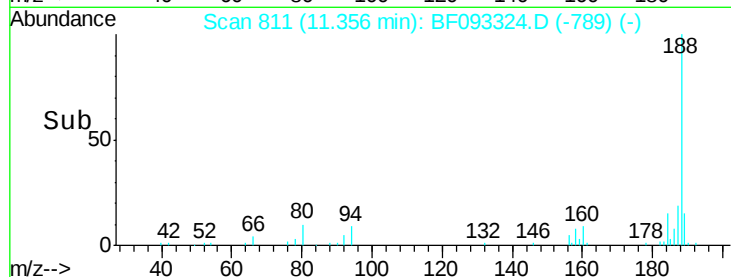
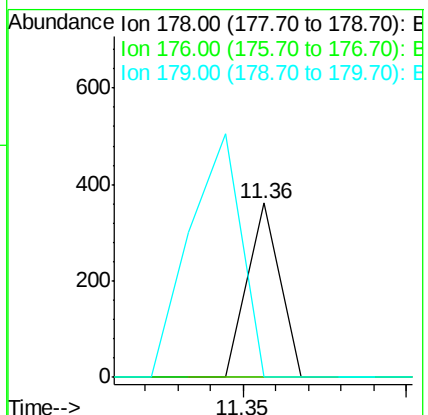
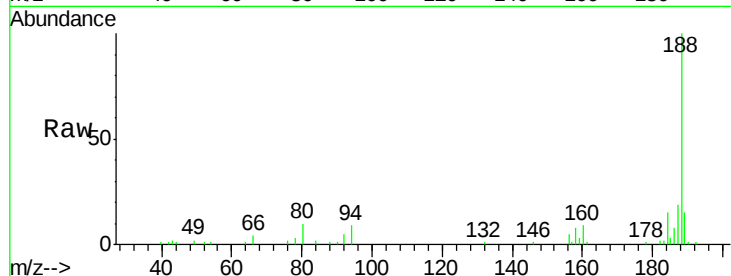




#70
Phenanthrene
Concen: 0.01 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

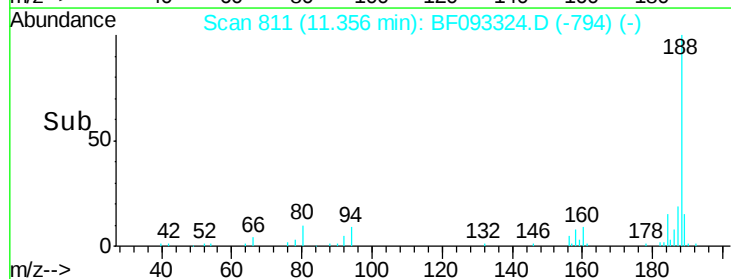
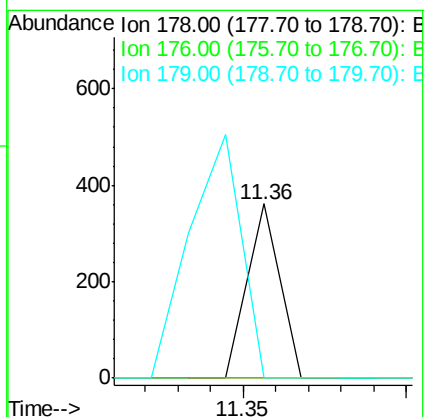
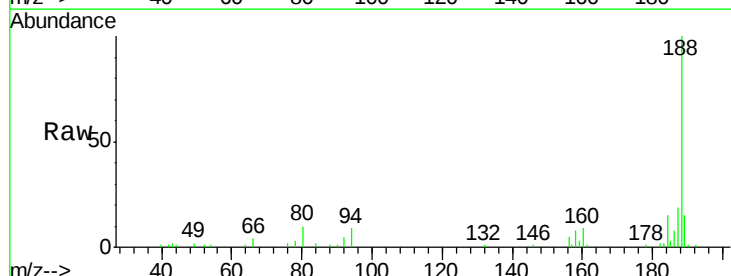
Instrument :
BNA_F
ClientSampleId :
PB97286BL

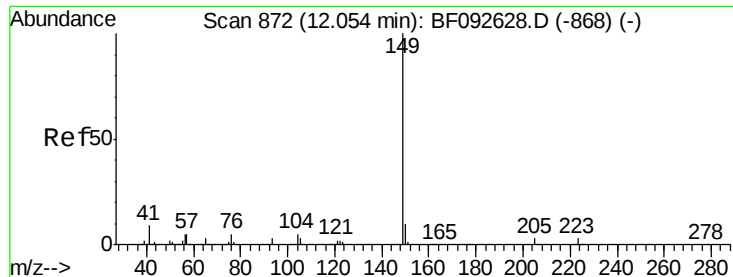
Tgt Ion:178 Resp: 248
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.01 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:178 Resp: 248
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 13.2 19.8#





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

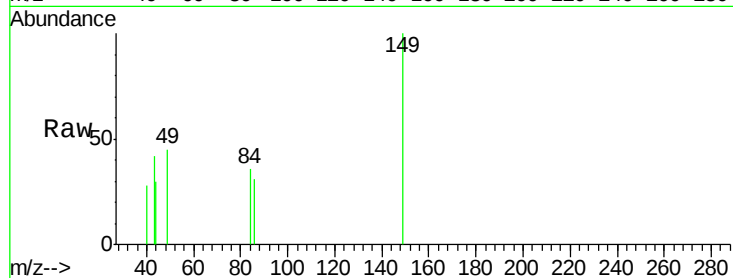
Tgt Ion:149 Resp: 1141

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

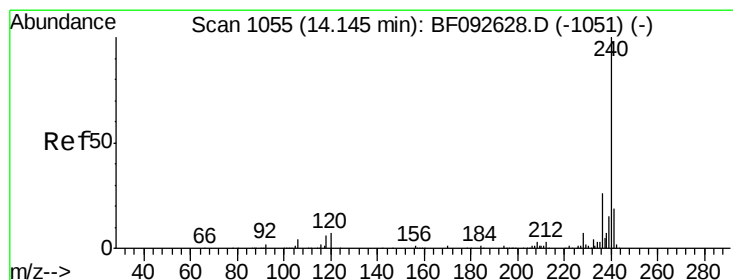
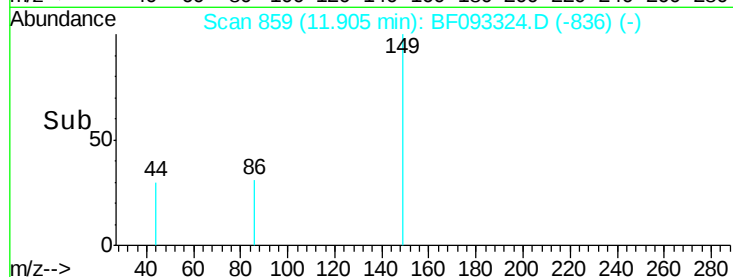
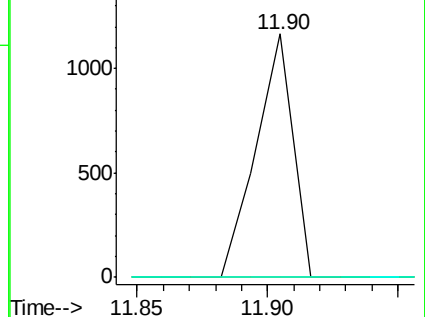
104 0.0 4.6 7.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

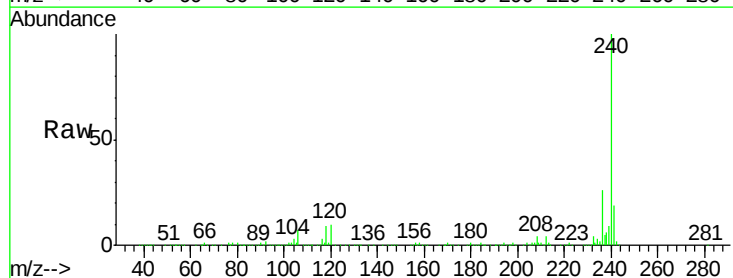
Tgt Ion:240 Resp: 588260

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

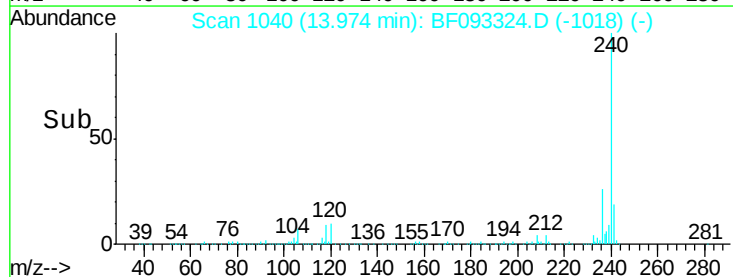
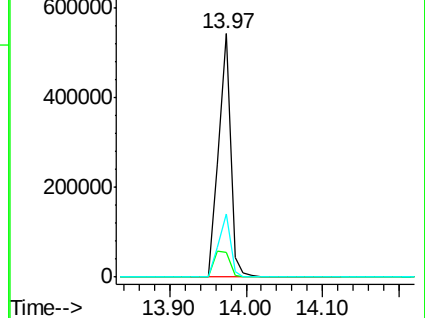
236 26.0 20.9 31.3

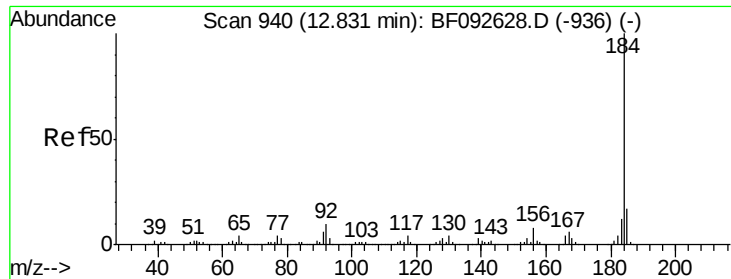


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

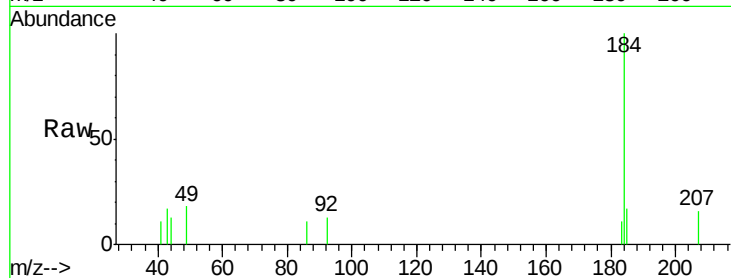




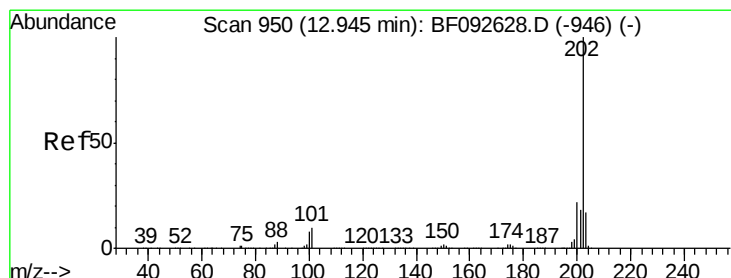
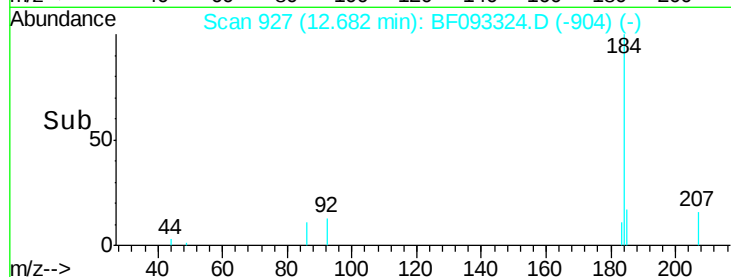
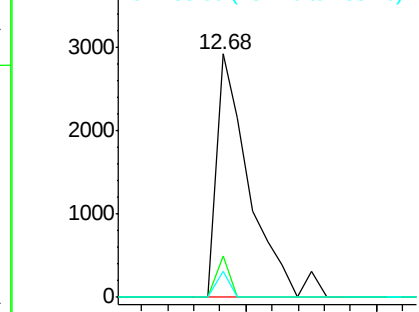
#76
Benzidine
Concen: 0.20 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

Tgt Ion:184 Resp: 5119
Ion Ratio Lower Upper
184 100
185 17.2 13.4 20.0
183 10.7 9.2 13.8

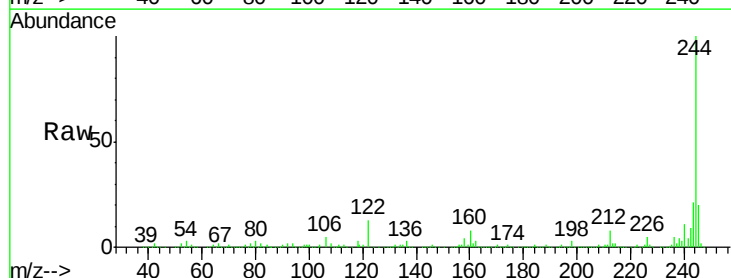


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

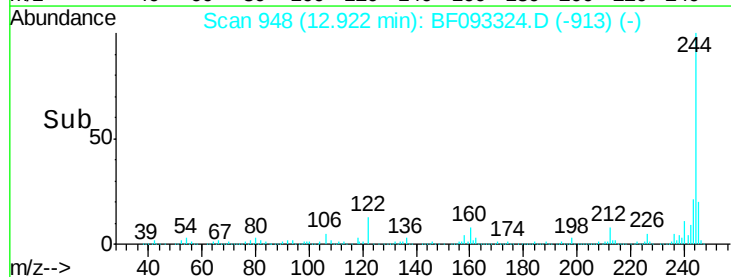
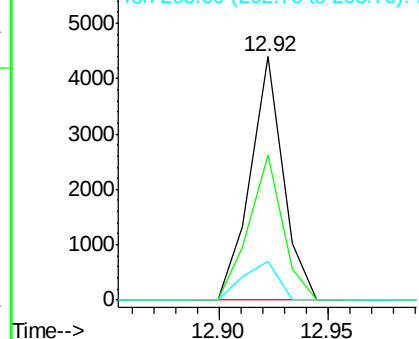


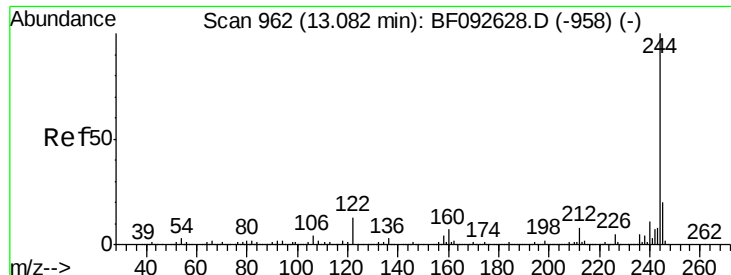
#77
Pyrene
Concen: 0.10 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.10 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:202 Resp: 4620
Ion Ratio Lower Upper
202 100
200 59.4 17.7 26.5#
203 16.2 14.7 22.1



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

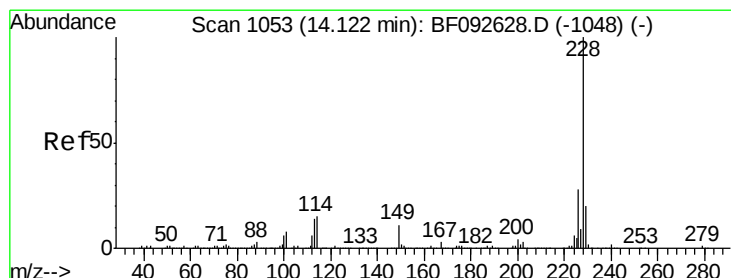
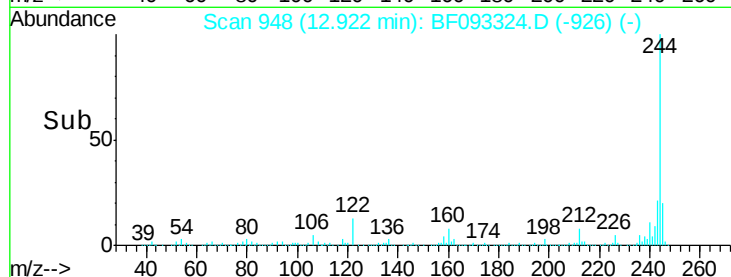
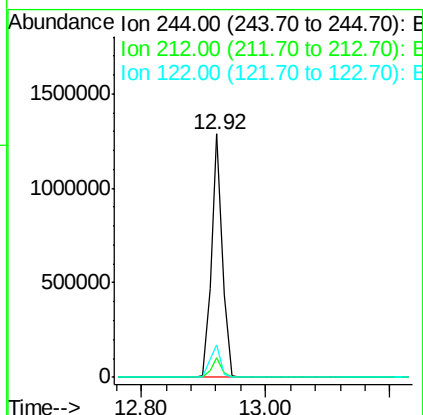
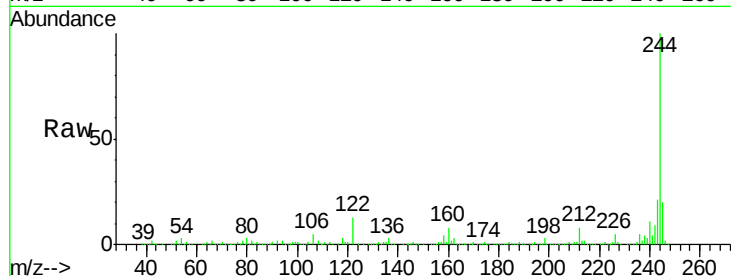




#78
 Terphenyl-d14
 Concen: 60.98 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

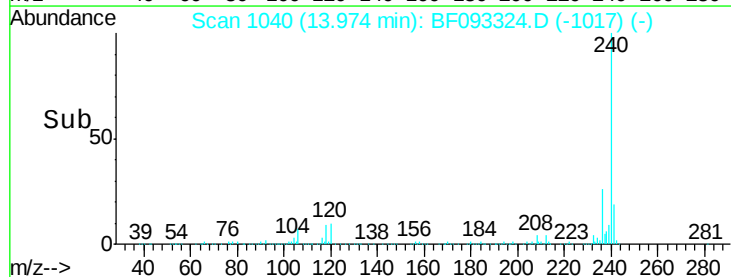
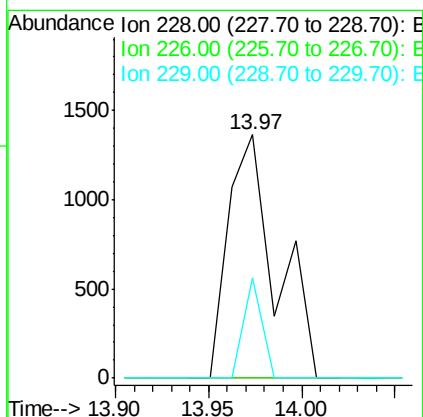
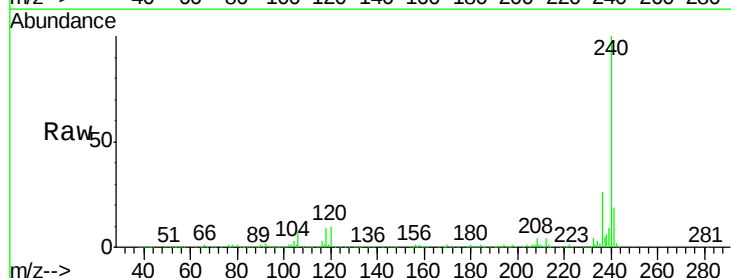
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BL

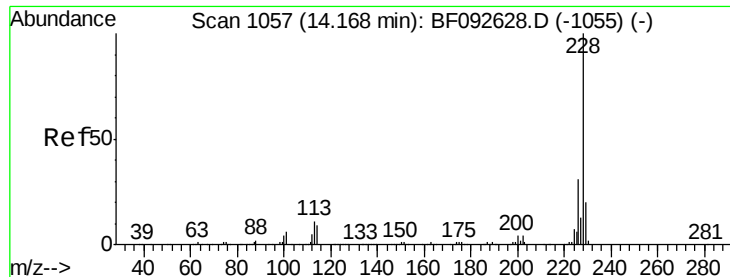
Tgt Ion:244 Resp: 1526633
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.2 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF093324.D
 Acq: 2 Mar 2017 16:51

Tgt Ion:228 Resp: 2436
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.4 33.6#
 229 41.3 16.2 24.4#





#82

Chrysene

Concen: 0.07 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

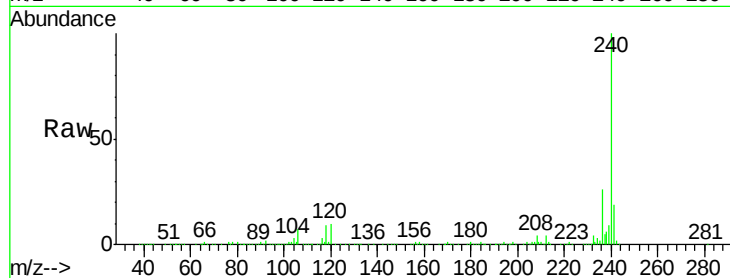
Tgt Ion:228 Resp: 2436

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

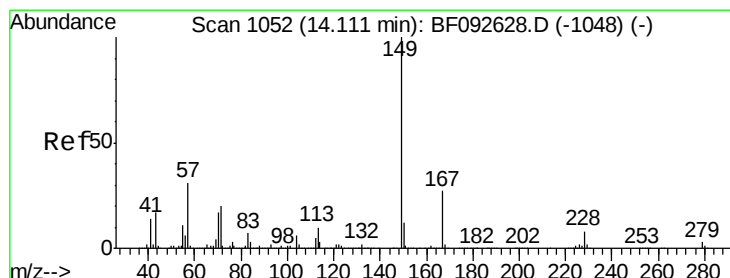
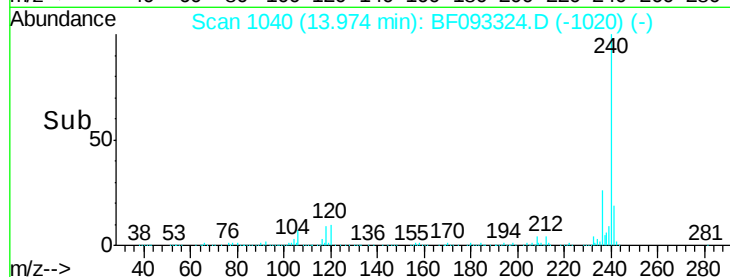
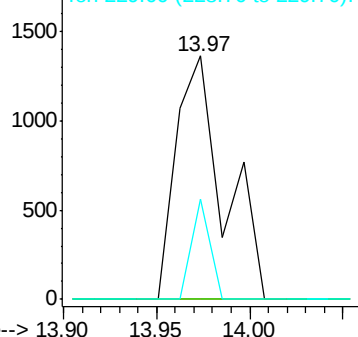
229 41.3 16.2 24.2#



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: 0.08 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

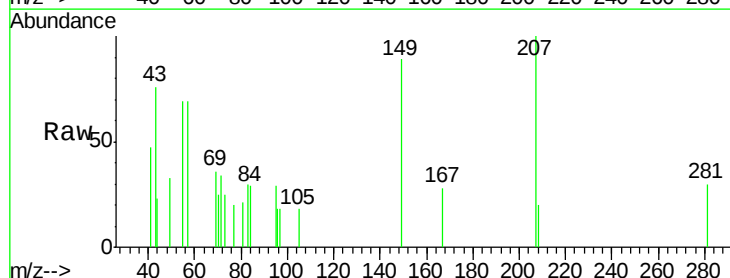
Tgt Ion:149 Resp: 2023

Ion Ratio Lower Upper

149 100

167 31.0 20.2 30.4#

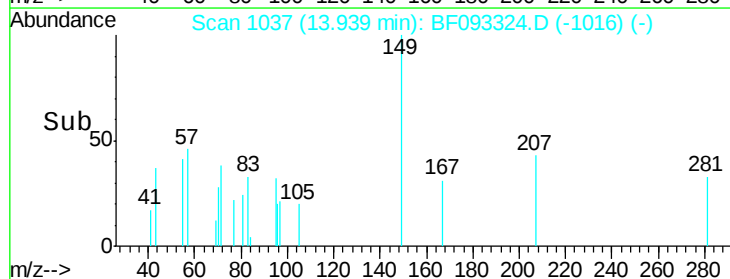
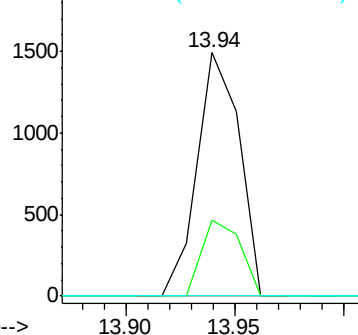
279 0.0 1.8 2.8#

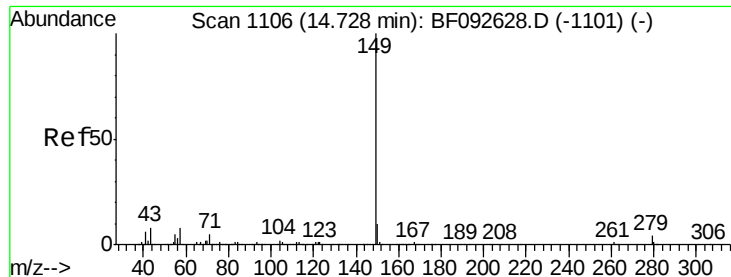


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

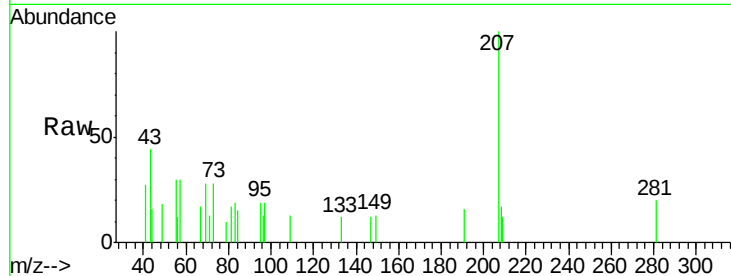




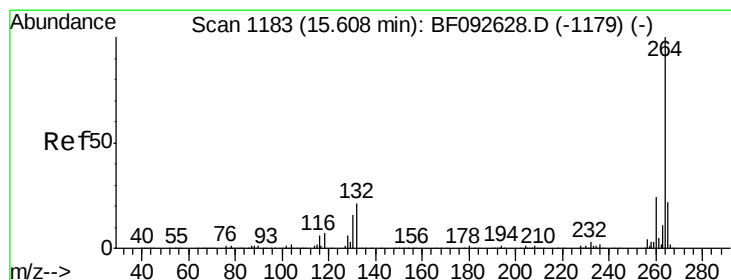
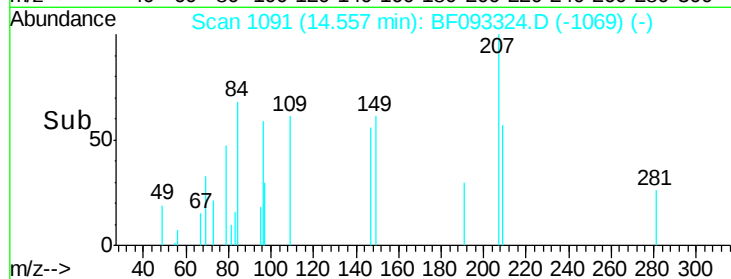
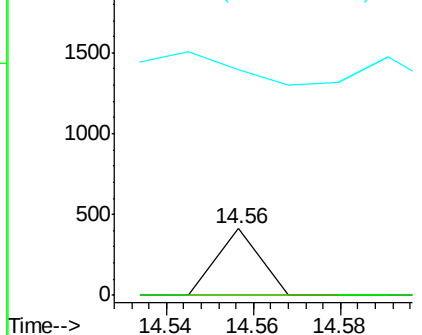
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Instrument :
BNA_F
ClientSampleId :
PB97286BL

Tgt Ion:149 Resp: 283
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 244.9 8.9 13.3#

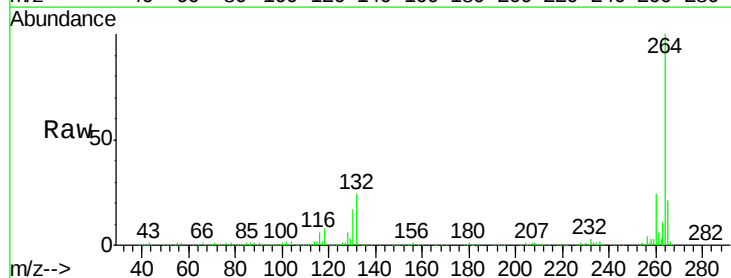


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

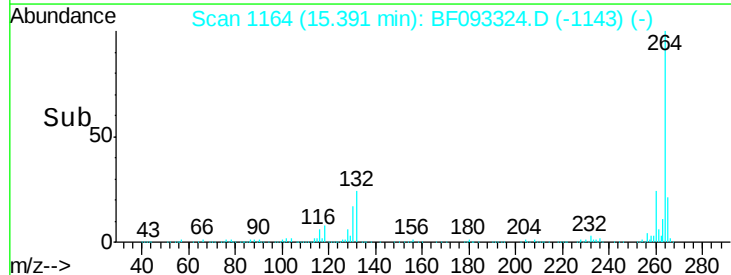
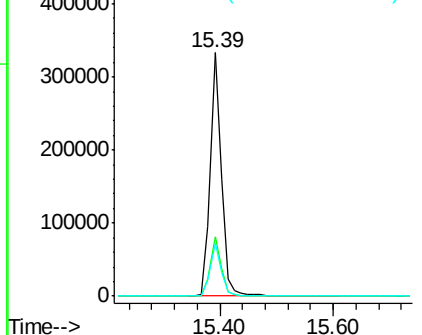


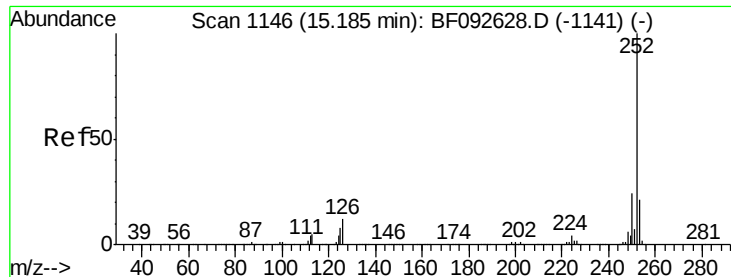
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093324.D
Acq: 2 Mar 2017 16:51

Tgt Ion:264 Resp: 438138
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL

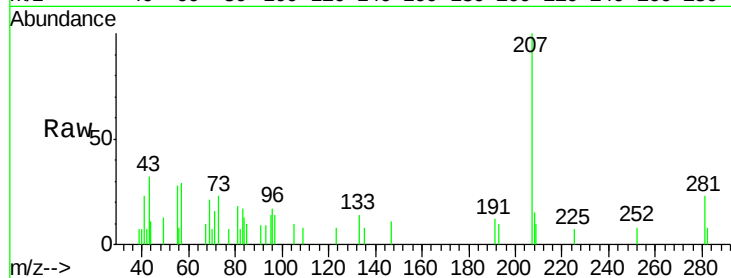
Tgt Ion:252 Resp: 242

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

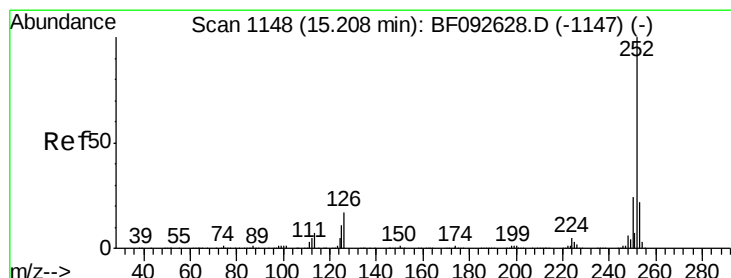
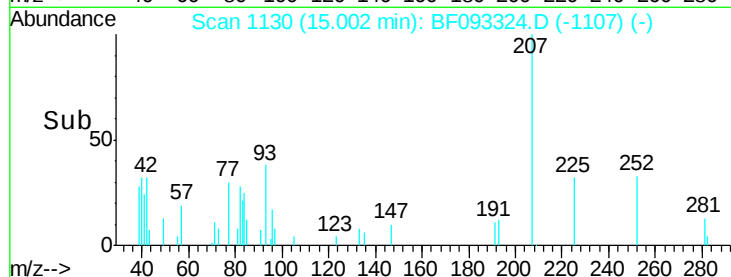
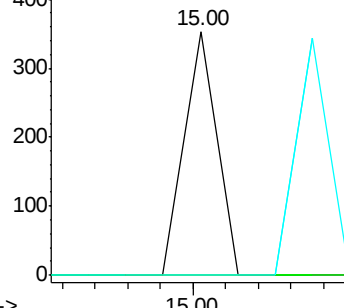
125 0.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093324.D

Acq: 2 Mar 2017 16:51

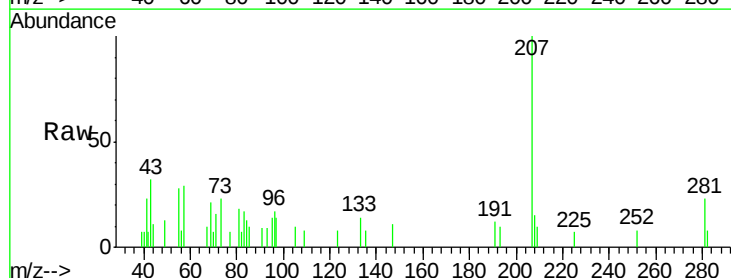
Tgt Ion:252 Resp: 242

Ion Ratio Lower Upper

252 100

253 0.0 18.5 27.7#

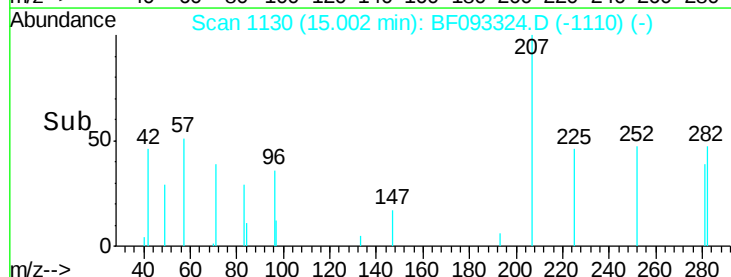
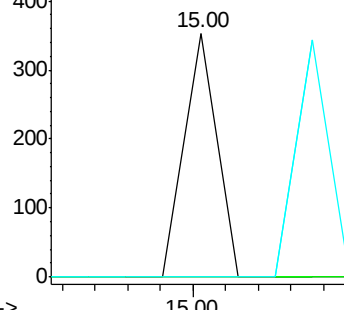
125 0.0 8.9 13.3#

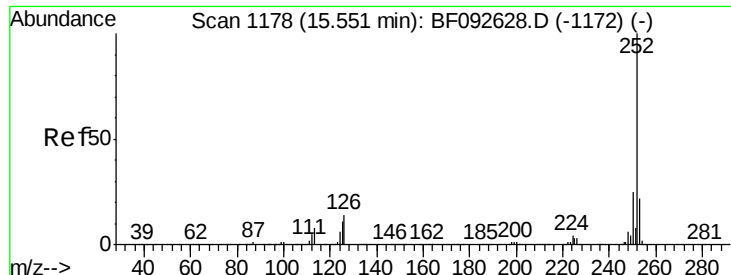


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF093324.D

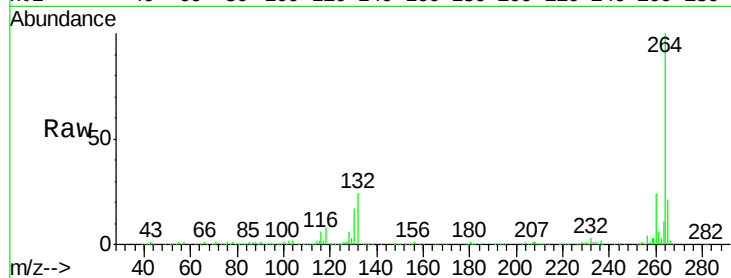
Acq: 2 Mar 2017 16:51

Instrument :

BNA_F

ClientSampleId :

PB97286BL



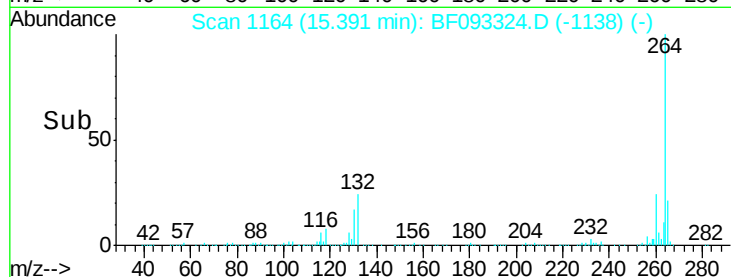
Tgt Ion: 252 Resp: 1669

Ion Ratio Lower Upper

252 100

253 42.5 18.2 27.2#

125 27.1 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

