

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095616.D
 Acq On : 2 Jun 2017 3:54
 Operator : SJ/MA
 Sample : I3412-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

Quant Time: Jun 17 00:54:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 17 00:02:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93790	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	367324	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	176905	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	337625	20.00	ng	0.00
75) Chrysene-d12	18.50	240	272212	20.00	ng	0.00
86) Perylene-d12	20.17	264	191454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	784029	139.37	ng	0.02
7) Phenol-d6	7.09	99	883478	130.89	ng	0.00
23) Nitrobenzene-d5	8.45	82	566569	97.26	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	223662	154.38	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1151053	93.65	ng	0.00
78) Terphenyl-d14	17.15	244	1016144	82.22	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.32	42	108	0.041	ng	# 97
6) Aniline	7.11	93	120	0.014	ng	# 1
9) Benzaldehyde	7.09	77	676	0.164	ng	# 1
10) Phenol	7.20	94	1496	0.210	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	993	0.169	ng	# 1
15) Benzyl Alcohol	7.77	79	9282	2.138	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	7.99	45	106	0.013	ng	70
19) n-Nitroso-di-n-propylamine	8.45	70	69282	15.177	ng	# 75
22) Acetophenone	8.30	105	145	0.016	ng	# 46
24) Nitrobenzene	8.45	77	907	0.149	ng	# 39
25) Isophorone	8.88	82	261	0.025	ng	# 67
31) Naphthalene	9.61	128	5576	0.302	ng	# 84
33) 4-Chloroaniline	9.61	127	120	0.017	ng	# 44
37) 2-Methylnaphthalene	10.80	142	730	0.060	ng	# 60
45) 1,1'-Biphenyl	11.53	154	904	0.061	ng	# 42
50) 2,6-Dinitrotoluene	12.39	165	21942	7.406	ng	# 31
51) Acenaphthene	12.45	154	506	0.045	ng	# 62
54) Dibenzofuran	12.83	168	109	0.007	ng	# 45
59) Diethylphthalate	13.20	149	436	0.031	ng	# 60
62) Azobenzene	13.69	77	882	0.079	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.69	198	137	0.061	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	7866	0.642	ng	# 47
70) Phenanthrene	14.84	178	1113	0.057	ng	# 59
71) Anthracene	14.84	178	1113	0.056	ng	# 59
73) Di-n-butylphthalate	15.80	149	1649	0.073	ng	# 78
76) Benzydine	16.97	184	114	6.602	ng	# 62
77) Pyrene	17.15	202	3508	0.172	ng	# 67
80) Benzo(a)anthracene	18.50	228	529	0.033	ng	# 50
82) Chrysene	18.53	228	751	0.049	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.56	149	1514	0.112	ng	# 81
84) Di-n-octyl phthalate	19.33	149	408	0.018	ng	# 24
87) Benzo(b)fluoranthene	19.86	252	252	0.021	ng	# 59
88) Benzo(k)fluoranthene	19.86	252	252	0.022	ng	# 56
89) Benzo(a)pyrene	20.17	252	389	0.036	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

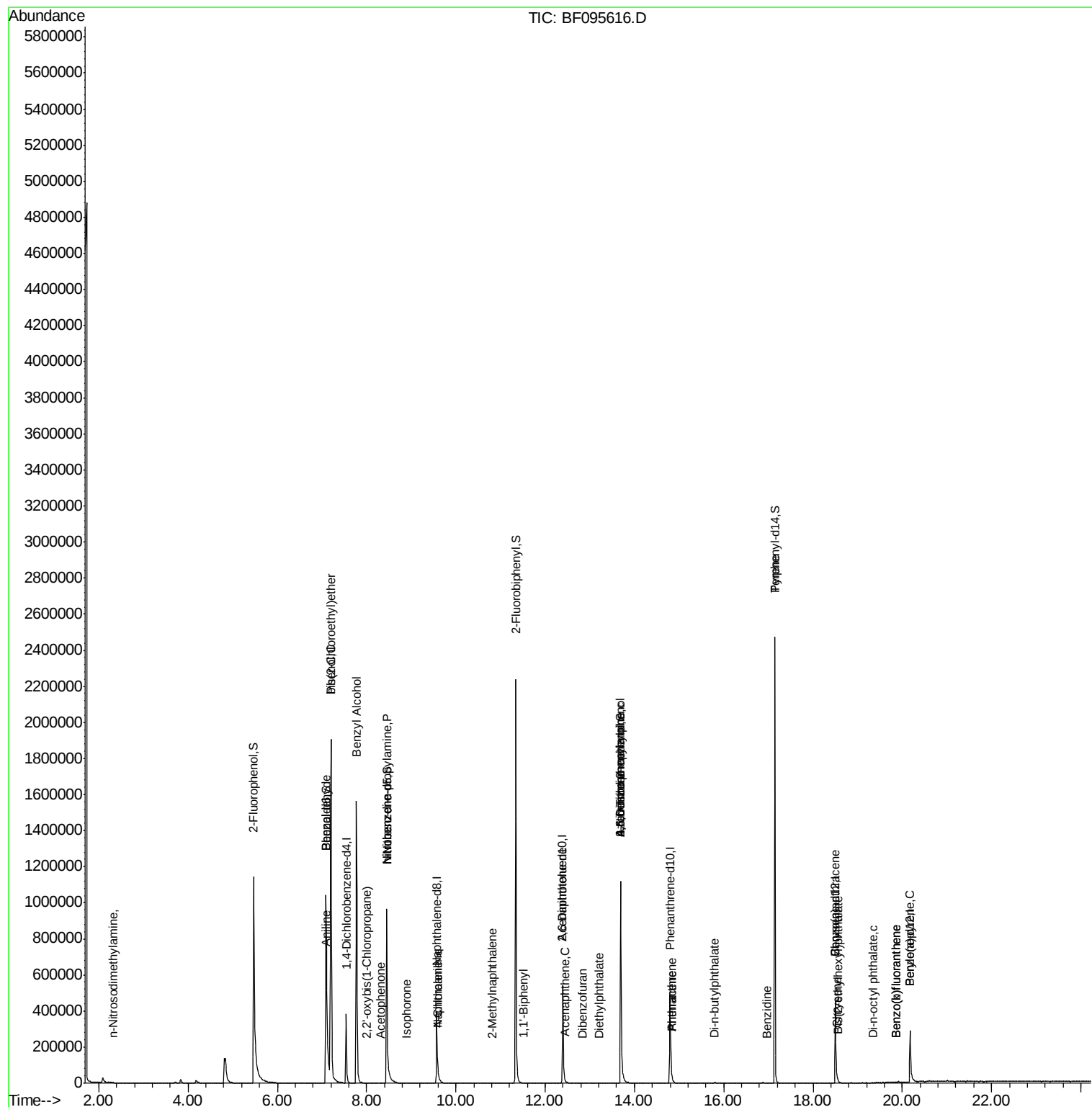
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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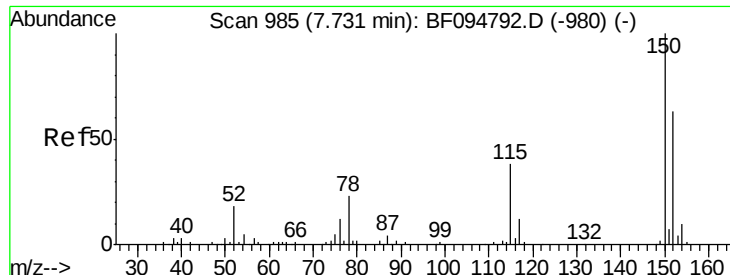
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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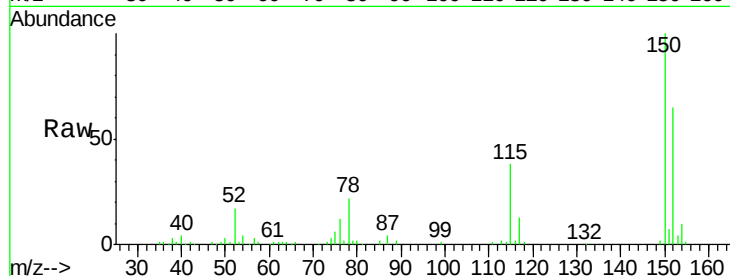


#1

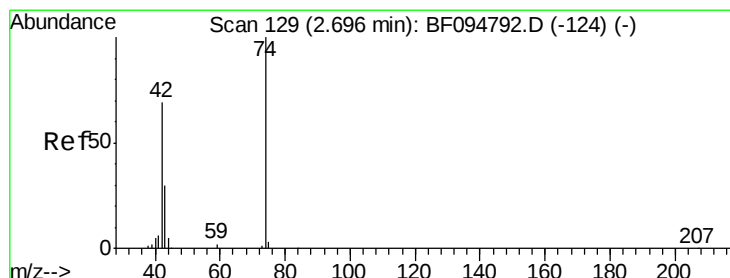
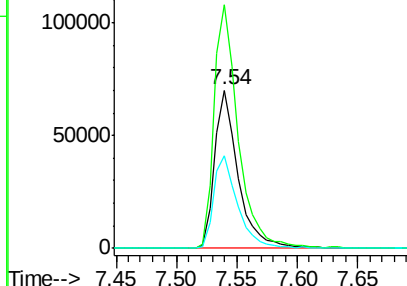
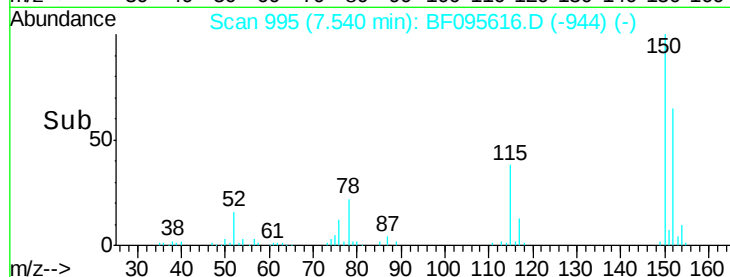
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4-COMP

Tgt Ion:152 Resp: 93790
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 58.6 52.2 78.2



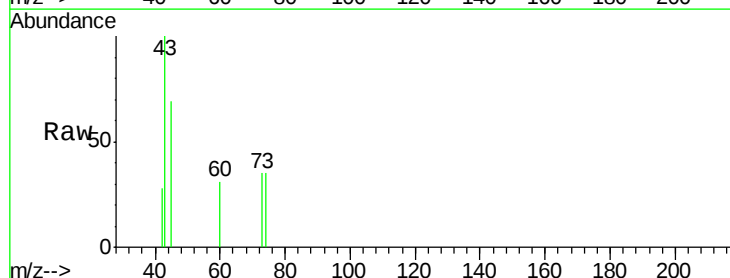
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



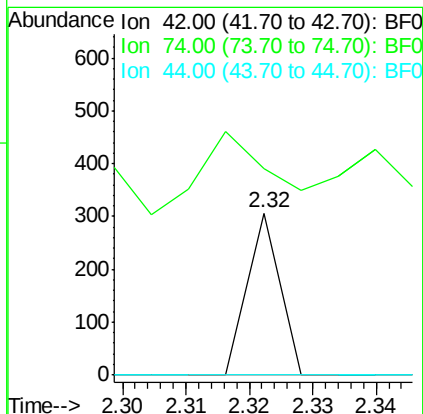
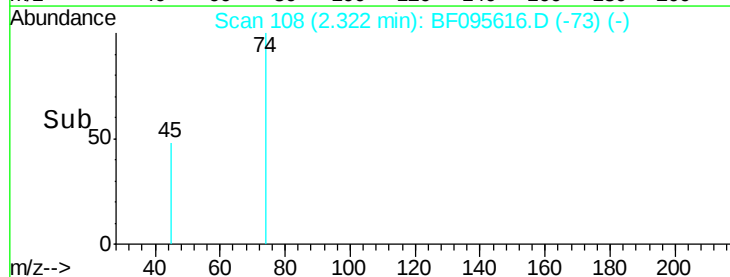
#4

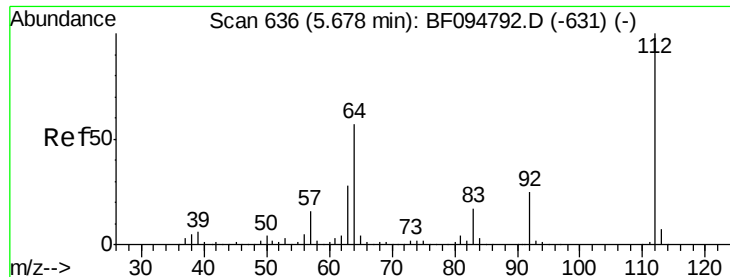
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 2.32 min Scan# 108
Delta R.T. -0.09 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion: 42 Resp: 108
Ion Ratio Lower Upper
42 100
74 127.8 103.9 155.9
44 0.0 5.7 8.5#



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





#5

2-Fluorophenol

Concen: 139.369 ng

RT: 5.47 min Scan# 643

Delta R.T. 0.02 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

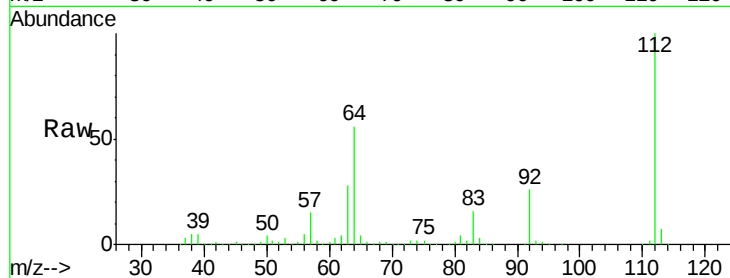
Tgt Ion: 112 Resp: 784029

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

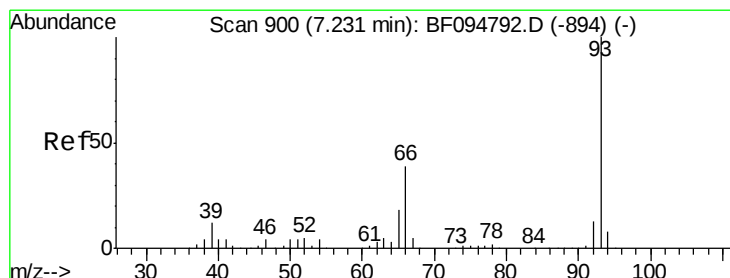
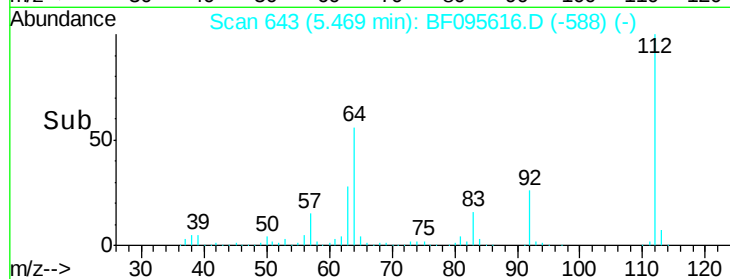
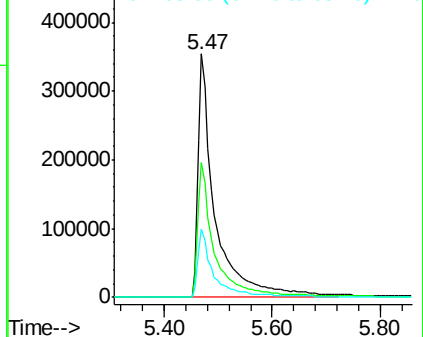
63 27.9 23.4 35.0



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: 0.014 ng

RT: 7.11 min Scan# 922

Delta R.T. 0.07 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

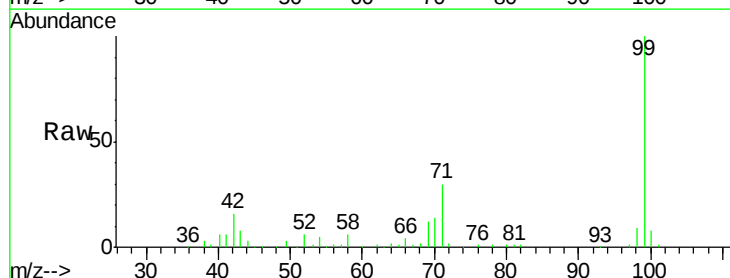
Tgt Ion: 93 Resp: 120

Ion Ratio Lower Upper

93 100

66 1735.6 32.9 49.3#

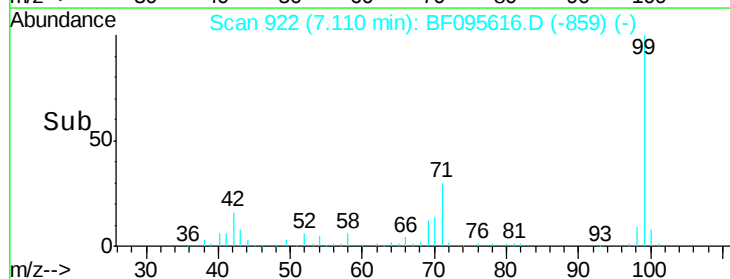
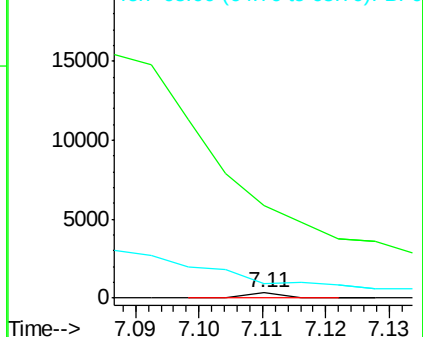
65 268.5 16.0 24.0#

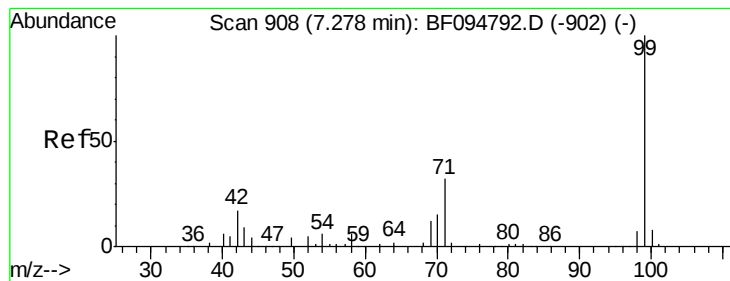


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.890 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

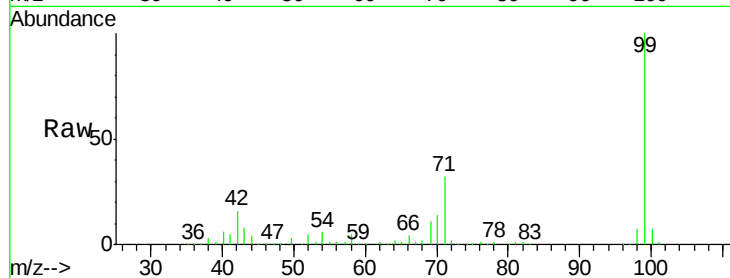
Tgt Ion: 99 Resp: 883478

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

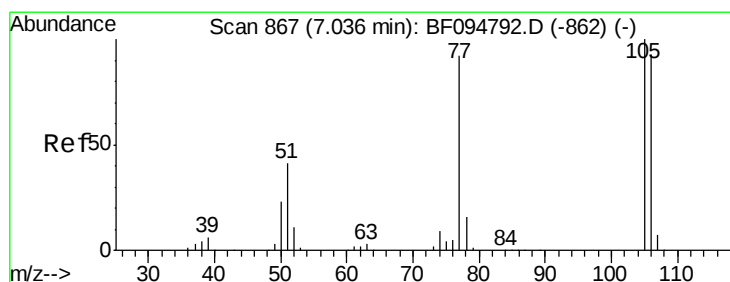
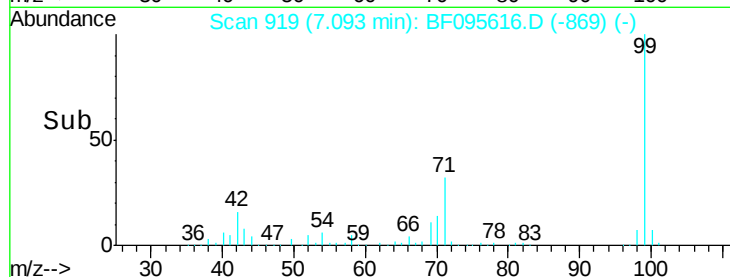
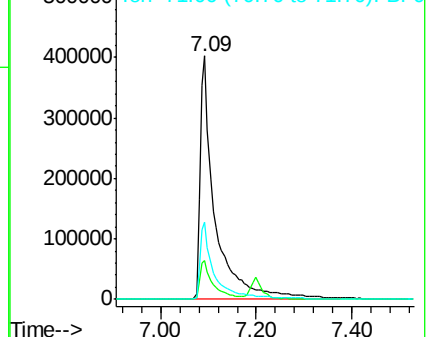
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 0.164 ng

RT: 7.09 min Scan# 919

Delta R.T. 0.24 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

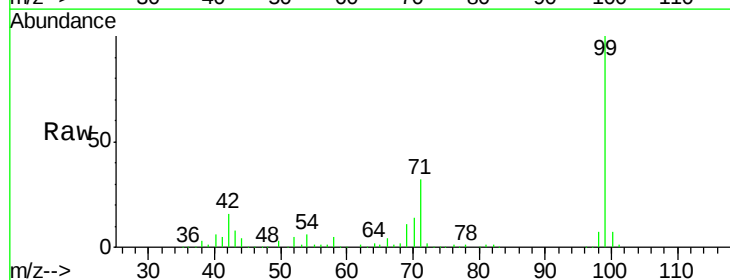
Tgt Ion: 77 Resp: 676

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

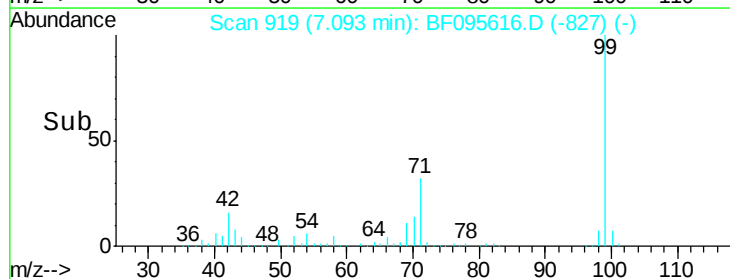
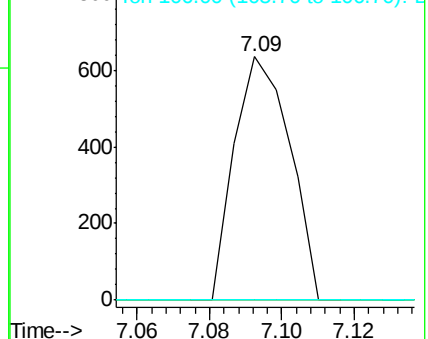
106 0.0 79.1 119.1#

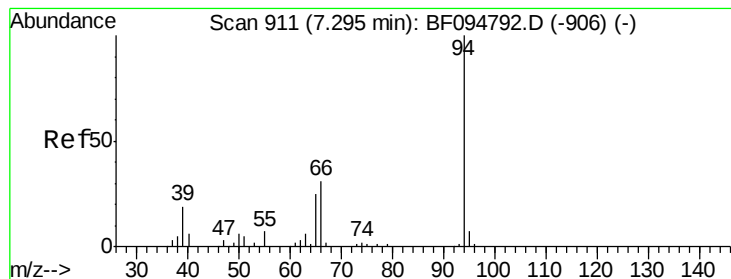


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.210 ng

RT: 7.20 min Scan# 937

Delta R.T. 0.08 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

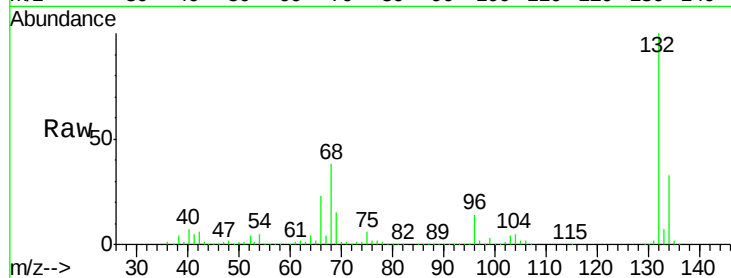
Tgt Ion: 94 Resp: 1496

Ion Ratio Lower Upper

94 100

65 1128.2 9.9 49.9#

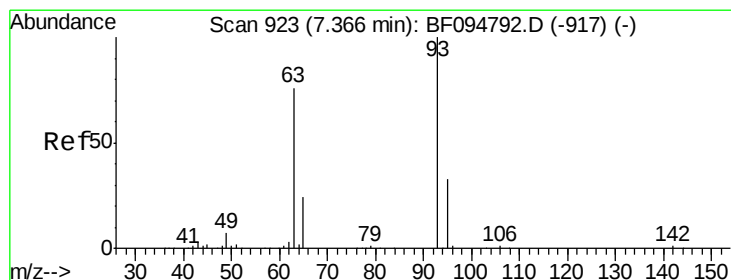
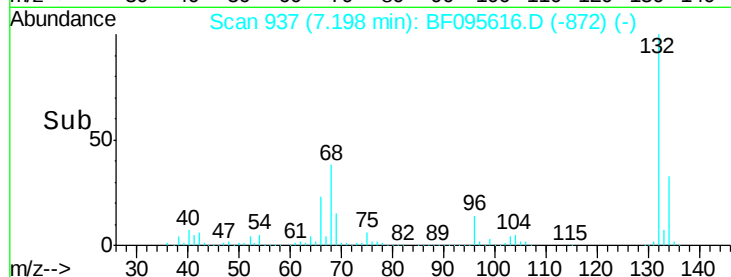
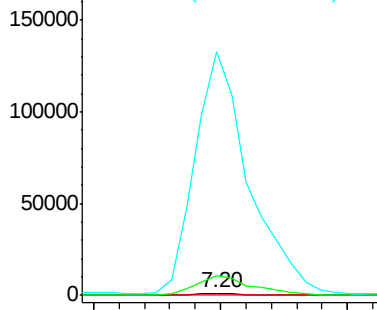
66 14334.3 23.1 63.1#



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: 0.169 ng

RT: 7.20 min Scan# 937

Delta R.T. 0.02 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

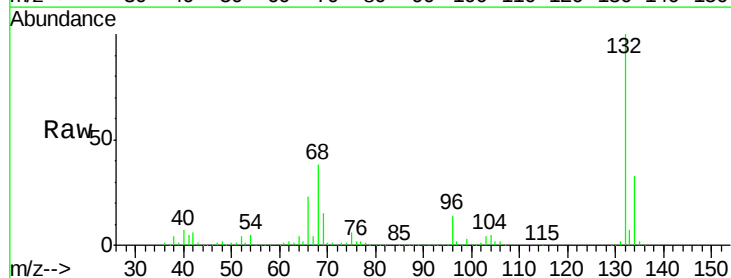
Tgt Ion: 93 Resp: 993

Ion Ratio Lower Upper

93 100

63 732.6 59.2 99.2#

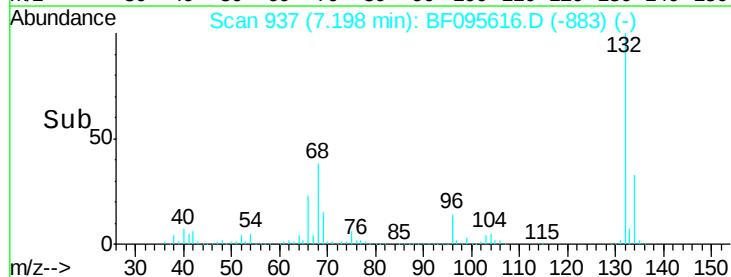
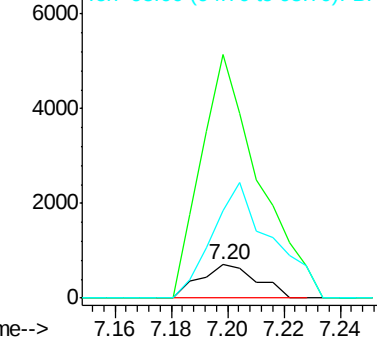
95 264.8 12.8 52.8#

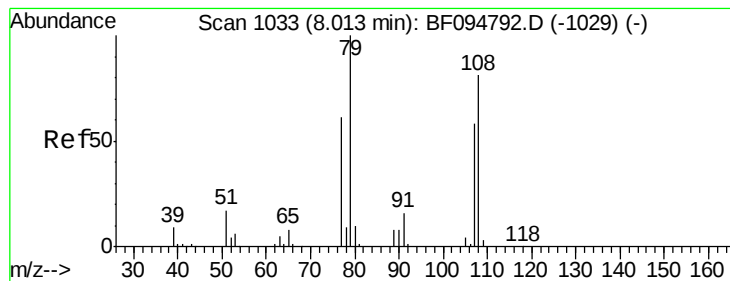


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 2.138 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

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ClientSampleId :

TP-3-TP-4-COMP

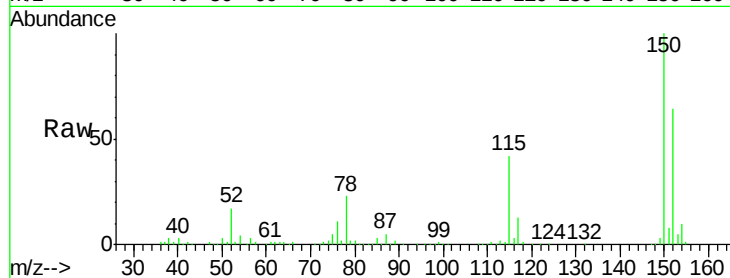
Tgt Ion: 79 Resp: 9282

Ion Ratio Lower Upper

79 100

108 29.4 63.4 95.0#

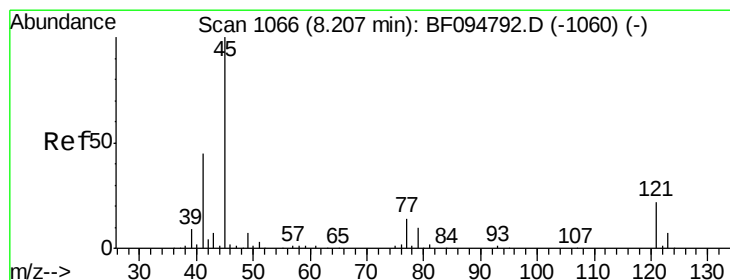
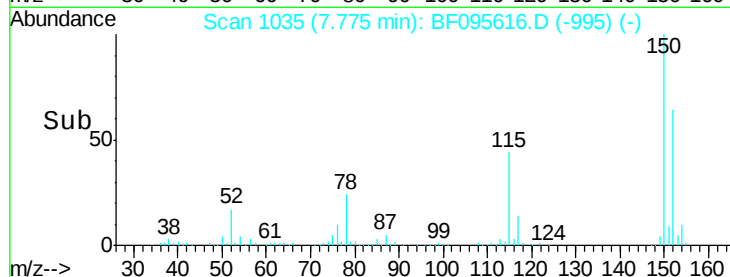
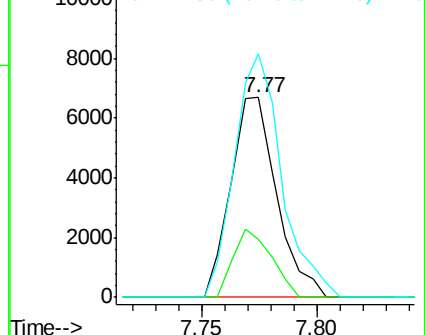
77 122.0 49.2 73.8#



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.013 ng

RT: 7.99 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

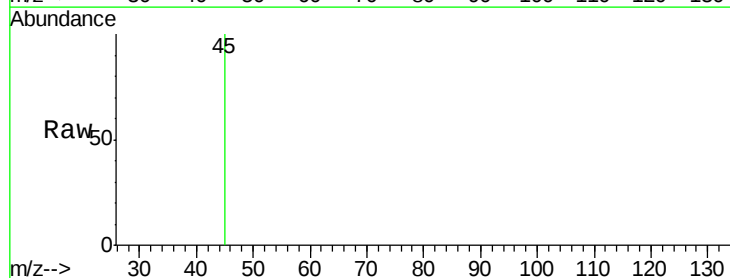
Tgt Ion: 45 Resp: 106

Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.2

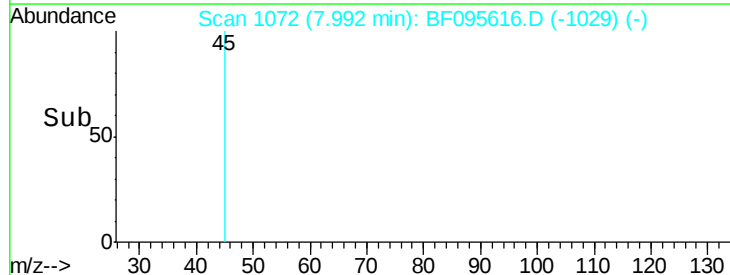
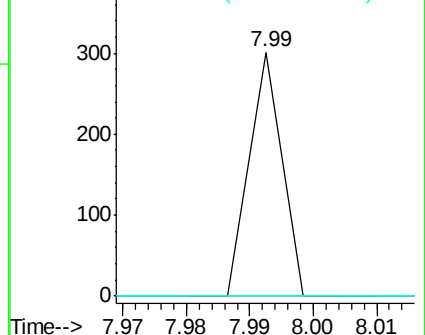
79 0.0 0.0 30.0

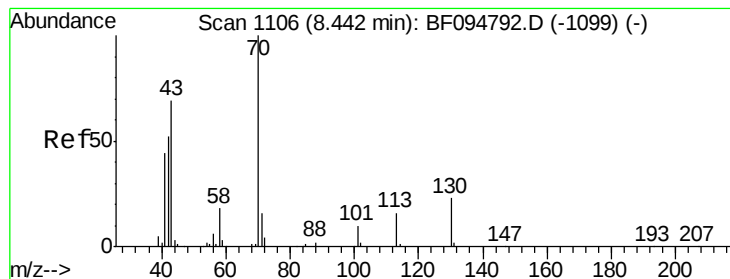


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.177 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

Tgt Ion: 70 Resp: 69282

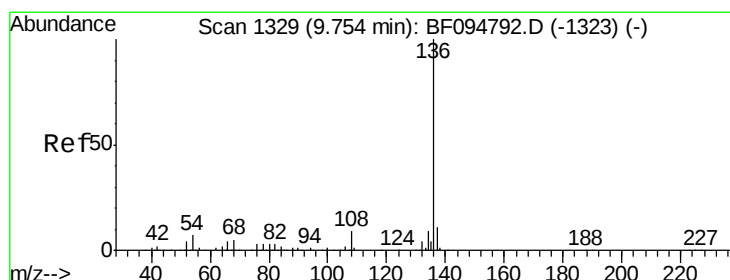
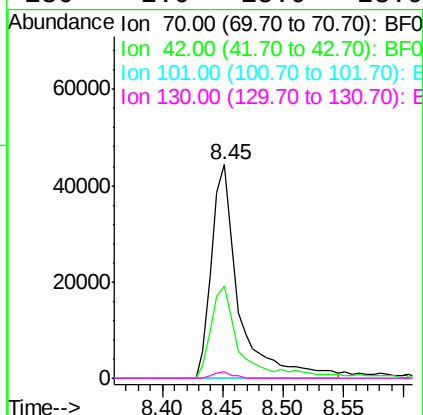
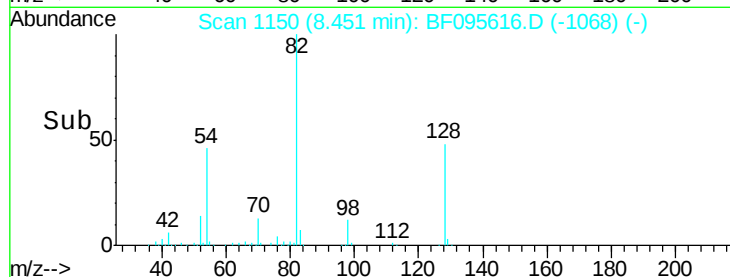
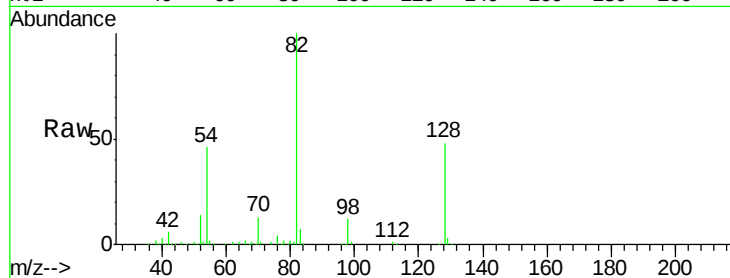
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Tgt Ion: 136 Resp: 367324

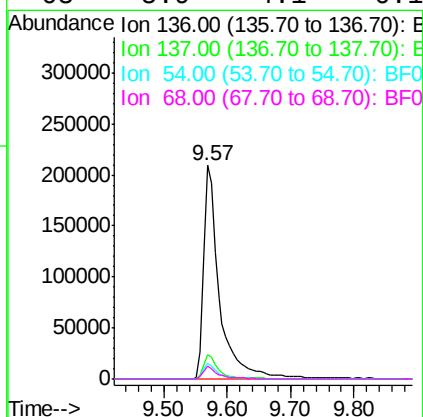
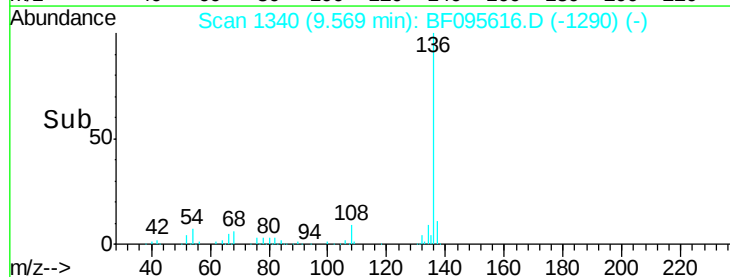
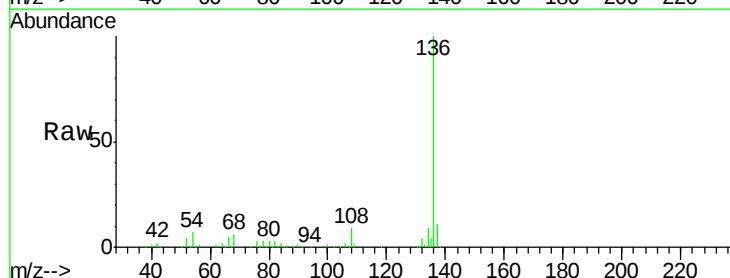
Ion Ratio Lower Upper

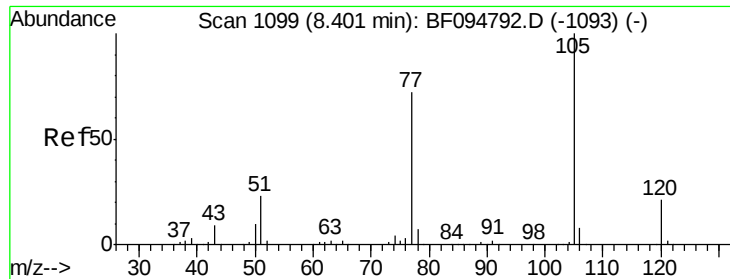
136 100

137 11.4 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1





#22

Acetophenone

Concen: 0.016 ng

RT: 8.30 min Scan# 1125

Delta R.T. 0.07 min

Lab File: BF095616.D

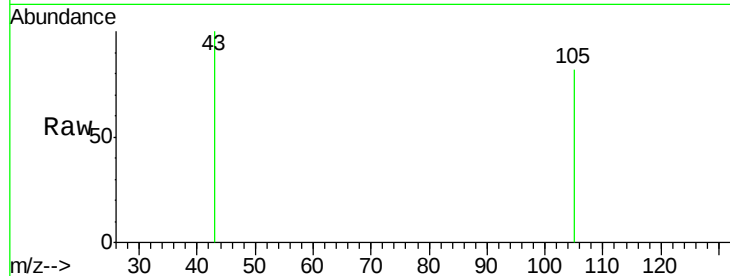
Acq: 2 Jun 2017 3:54

Instrument :

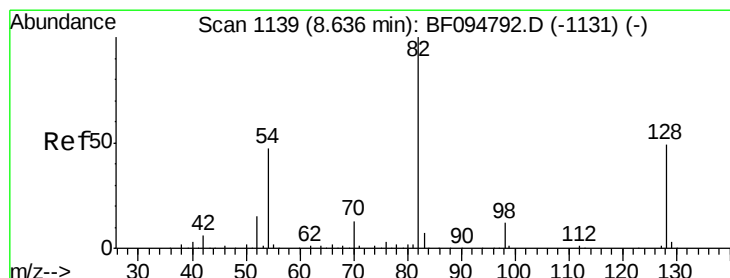
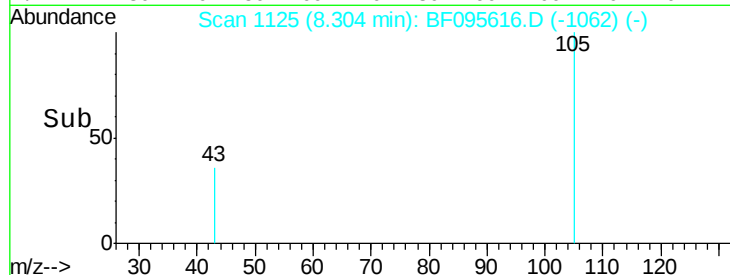
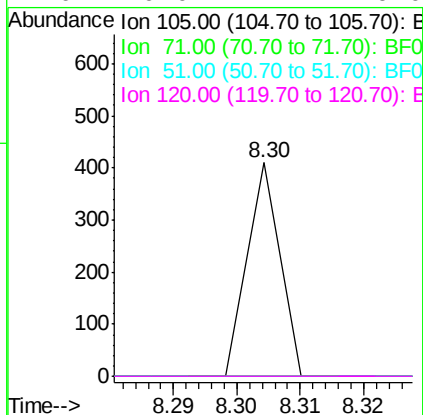
BNA_F

ClientSampleId :

TP-3-TP-4-COMP



Tgt Ion:	105	Resp:	145
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 97.263 ng

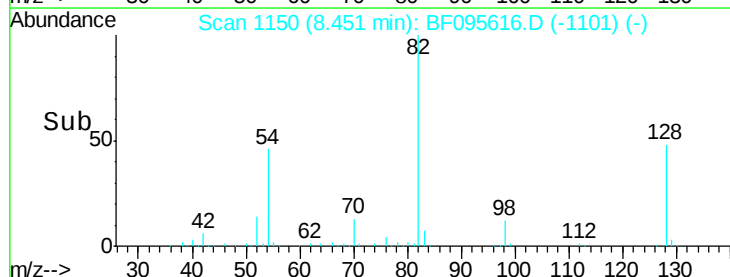
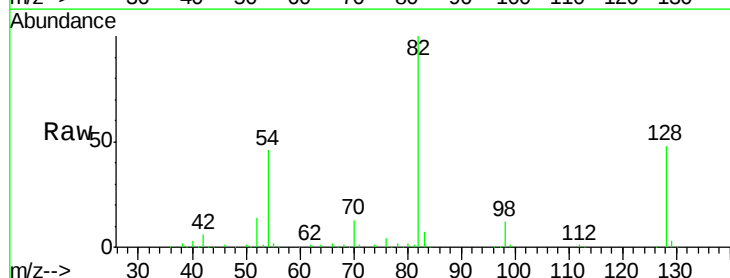
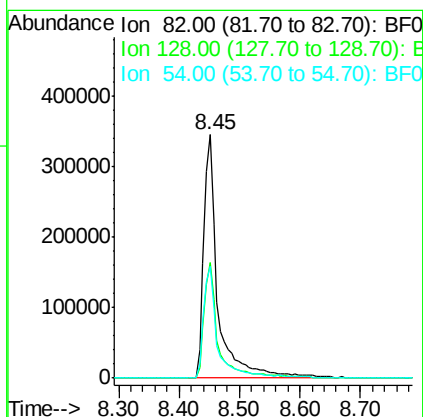
RT: 8.45 min Scan# 1150

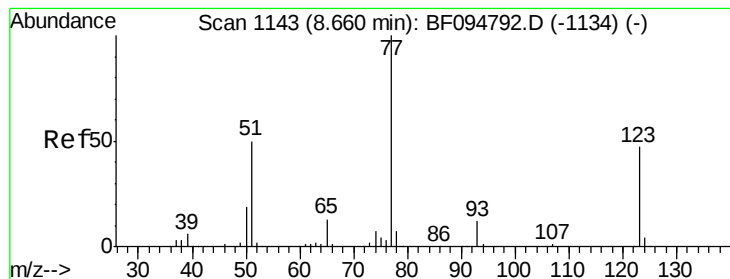
Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Tgt Ion:	82	Resp:	566569
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	45.8	42.2	63.2





#24

Nitrobenzene

Concen: 0.149 ng

RT: 8.45 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

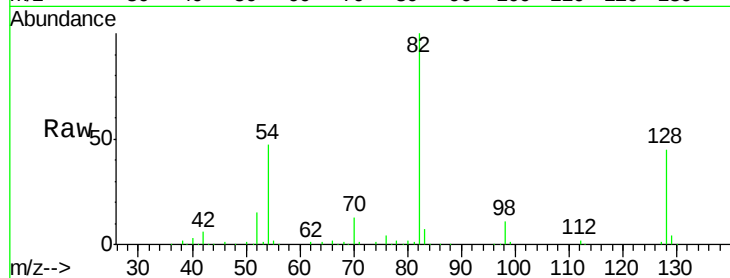
Tgt Ion: 77 Resp: 907

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

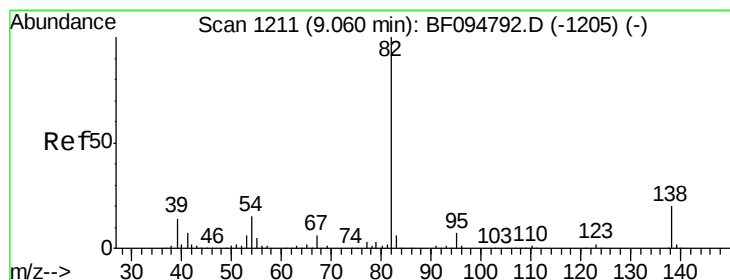
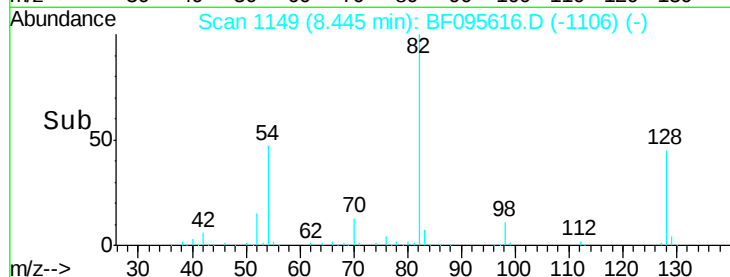
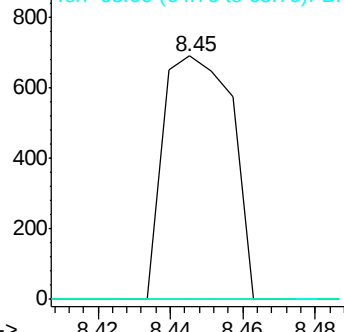
65 0.0 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.025 ng

RT: 8.88 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

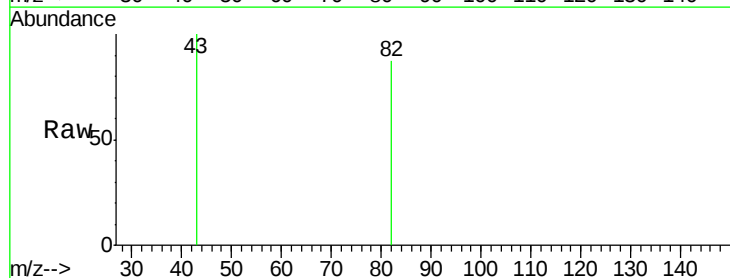
Tgt Ion: 82 Resp: 261

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

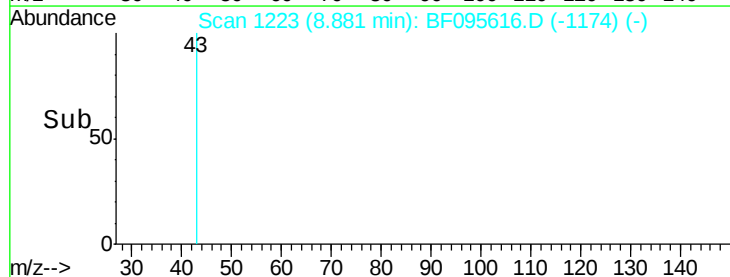
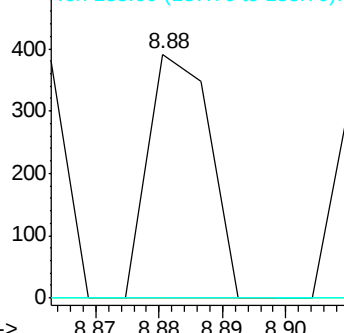
138 0.0 13.1 19.7#

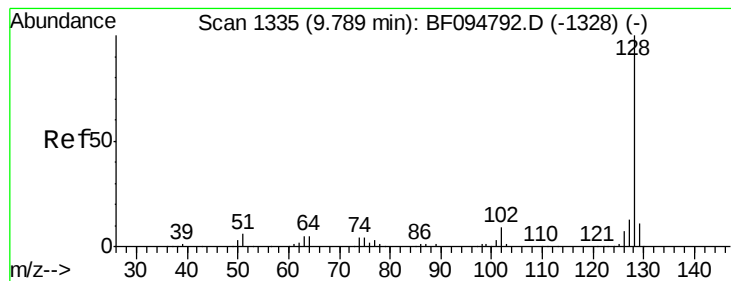


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.302 ng

RT: 9.61 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

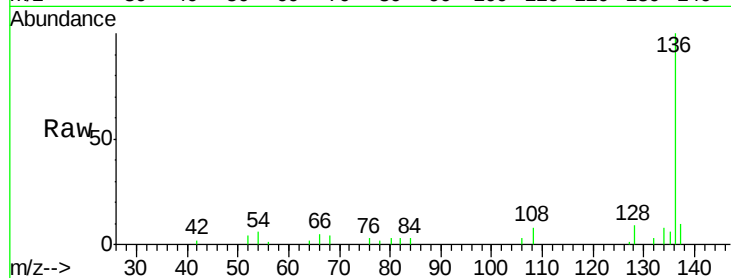
Tgt Ion:128 Resp: 5576

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

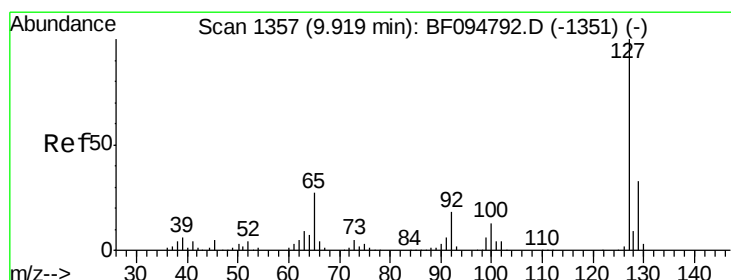
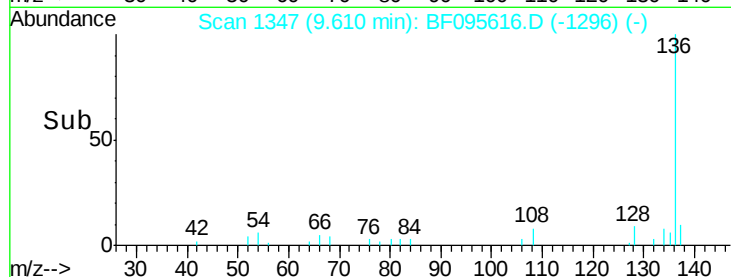
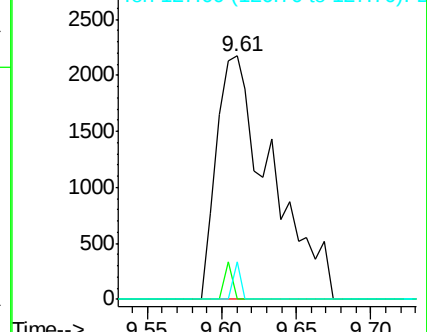
127 15.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.017 ng

RT: 9.61 min Scan# 1347

Delta R.T. -0.14 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Tgt Ion:127 Resp: 120

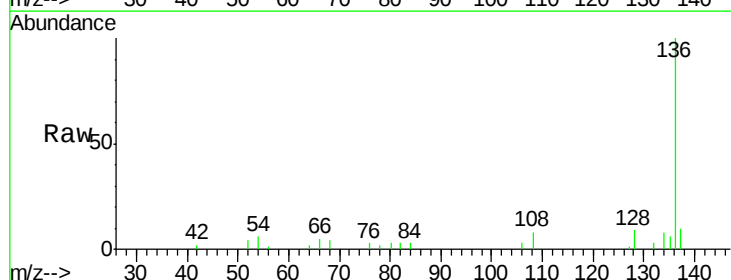
Ion Ratio Lower Upper

127 100

129 0.0 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

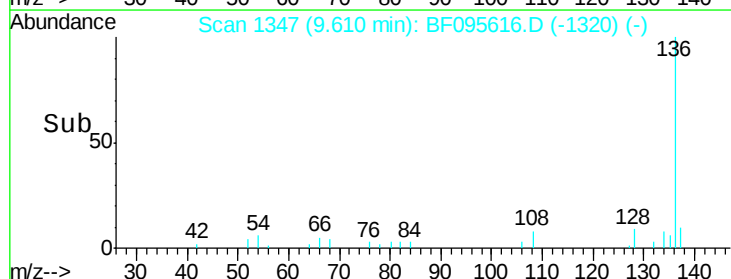
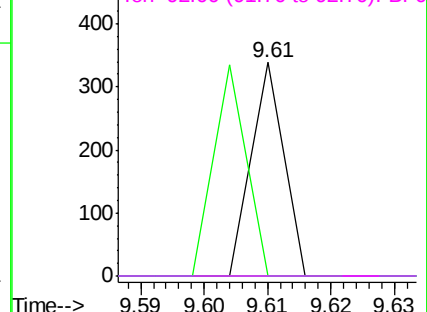


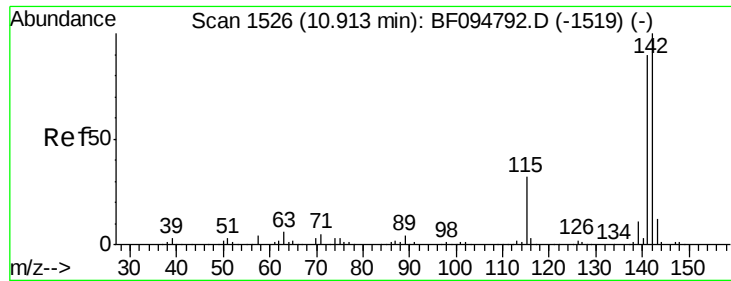
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

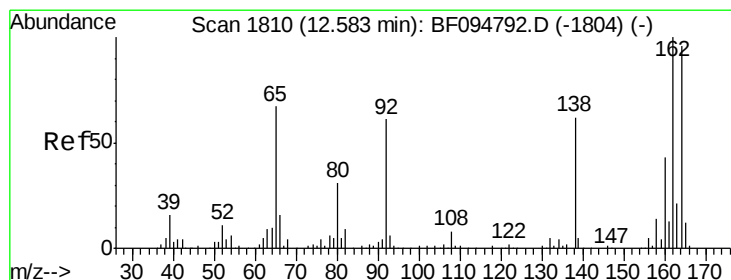
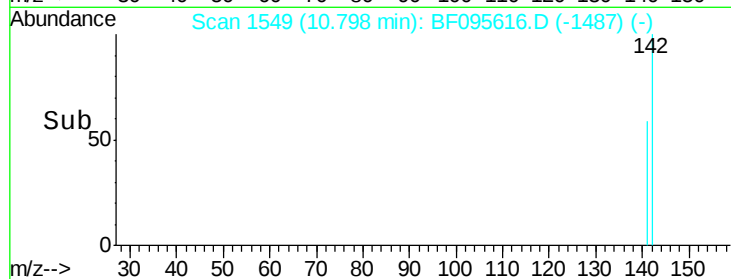
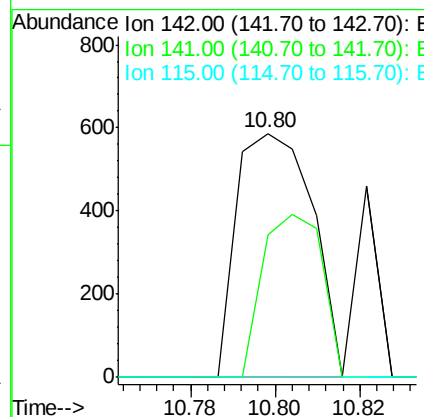
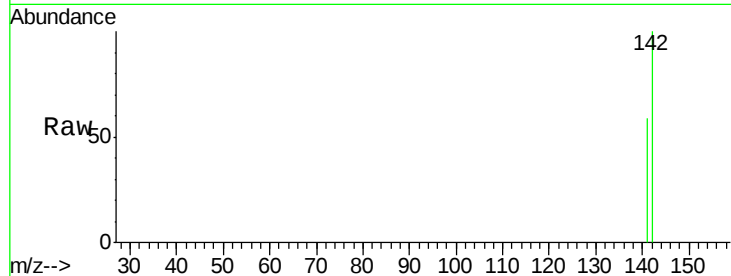




#37
 2-Methylnaphthalene
 Concen: 0.060 ng
 RT: 10.80 min Scan# 1549
 Delta R.T. 0.06 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

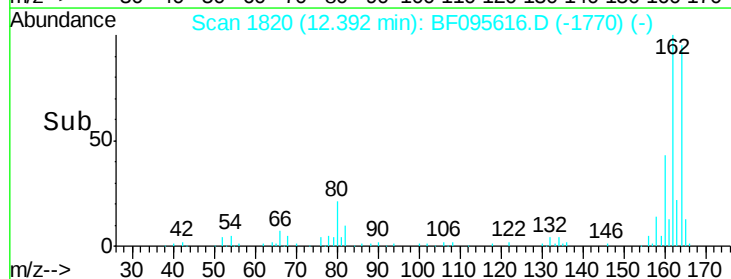
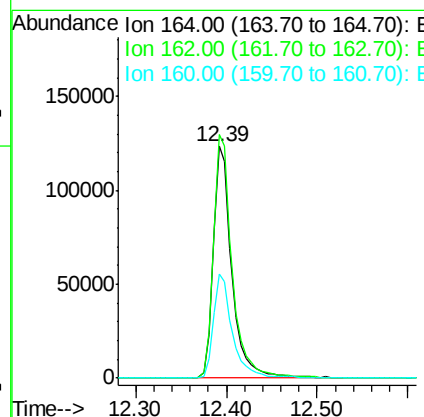
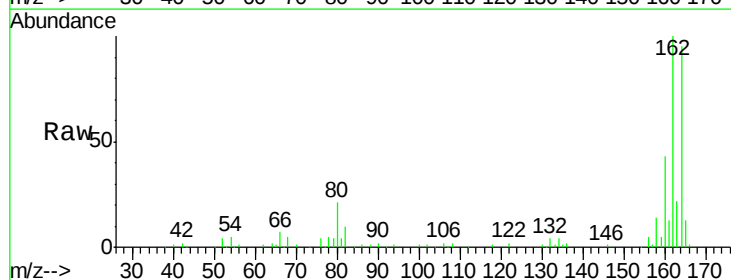
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

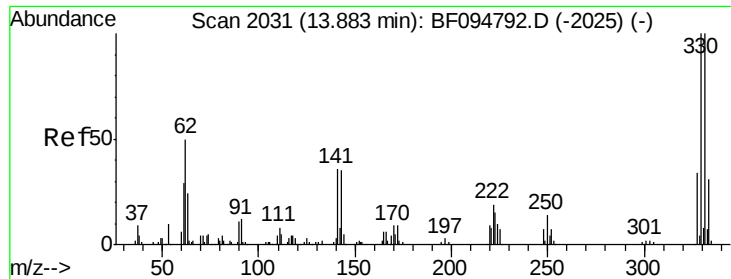
Tgt Ion:142 Resp: 730
 Ion Ratio Lower Upper
 142 100
 141 58.5 71.3 106.9#
 115 0.0 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:164 Resp: 176905
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 45.2 36.2 54.2

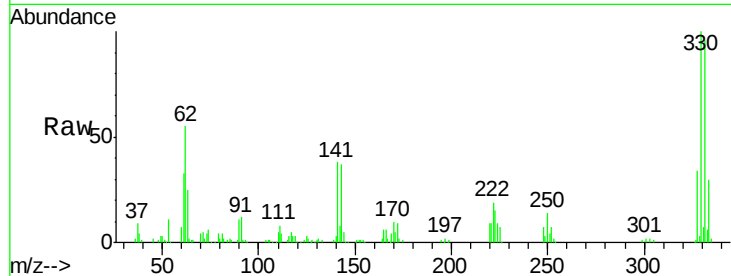




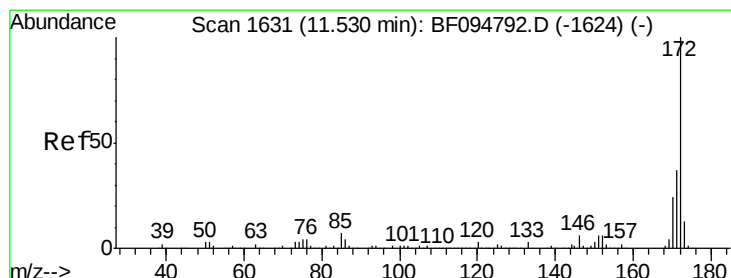
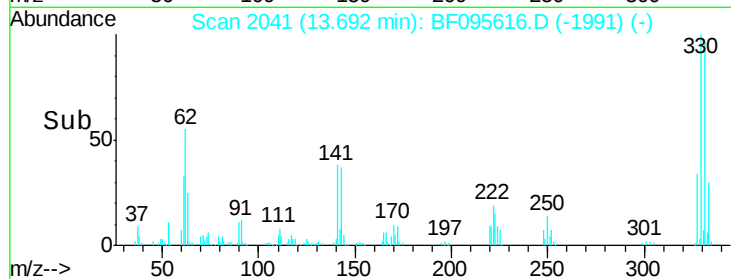
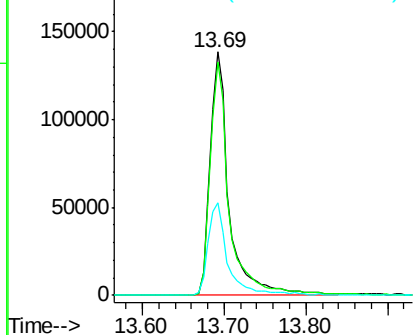
#41
 2,4,6-Tribromophenol
 Concen: 154.378 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

Tgt Ion:330 Resp: 223662
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.9 31.4 47.2

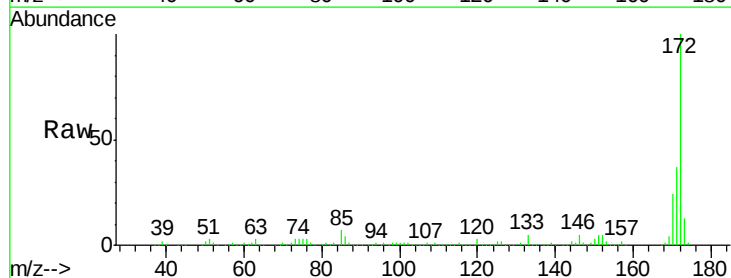


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

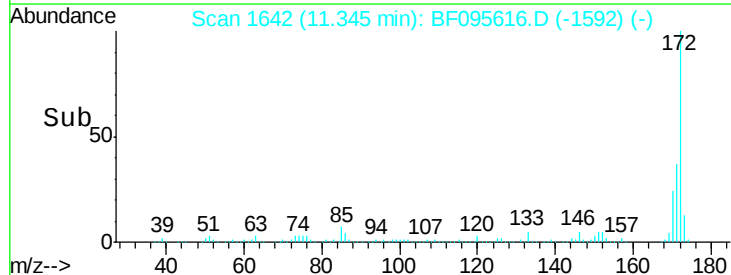
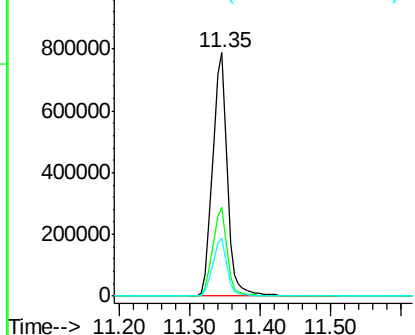


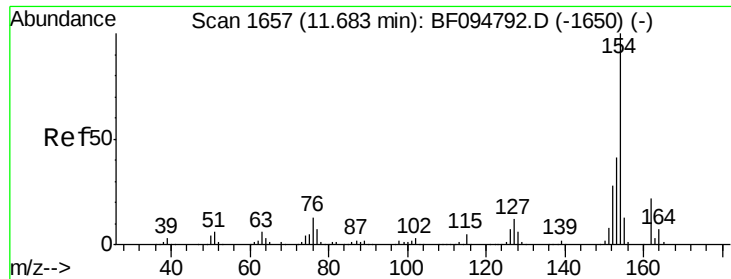
#44
 2-Fluorobiphenyl
 Concen: 93.652 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:172 Resp: 1151053
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.7 19.8 29.8



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

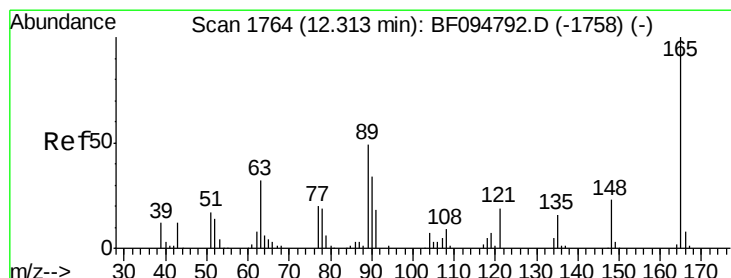
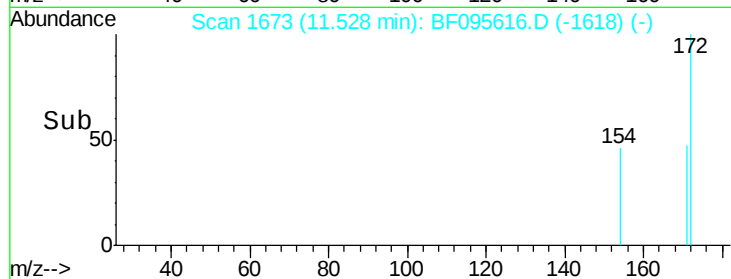
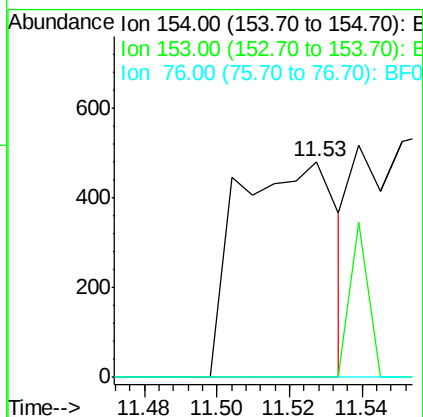
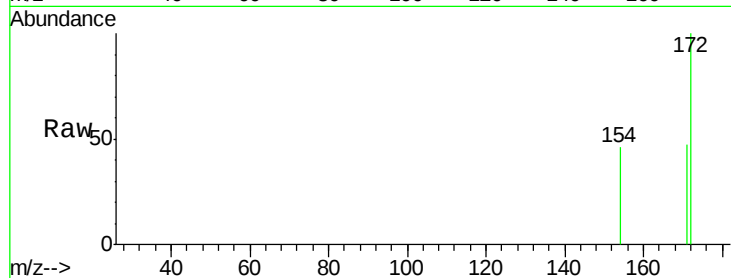




#45
 1,1'-Biphenyl
 Concen: 0.061 ng
 RT: 11.53 min Scan# 1673
 Delta R.T. 0.02 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

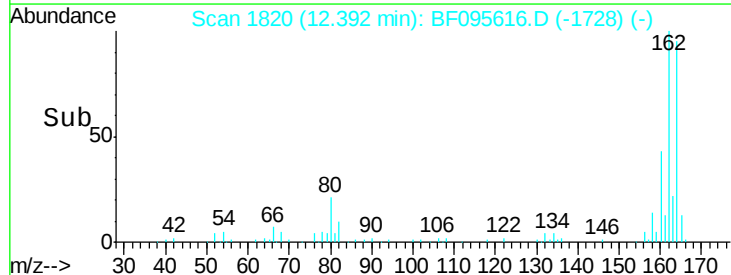
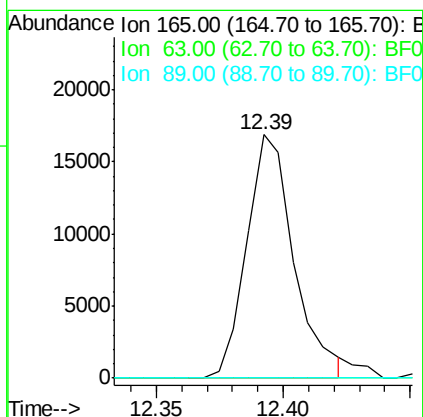
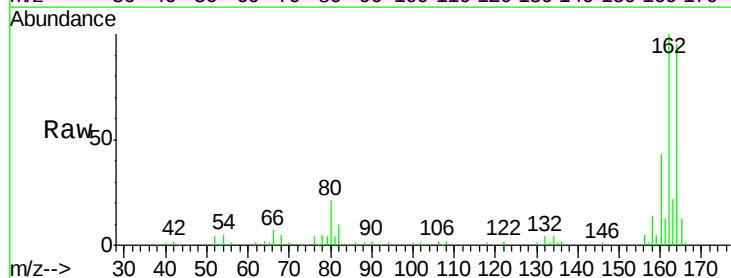
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

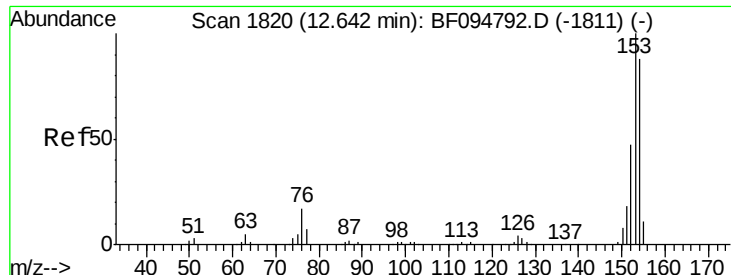
Tgt Ion:154 Resp: 904
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.406 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:165 Resp: 21942
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#





#51

Acenaphthene

Concen: 0.045 ng

RT: 12.45 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

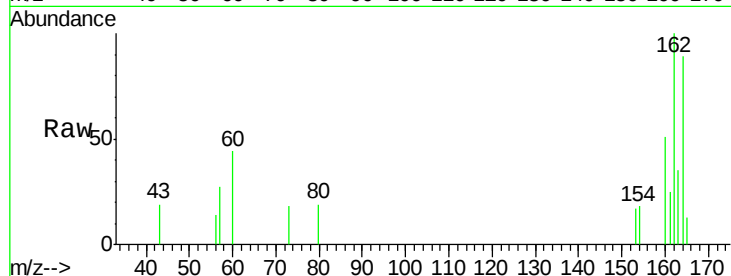
Tgt Ion:154 Resp: 506

Ion Ratio Lower Upper

154 100

153 91.7 90.5 135.7

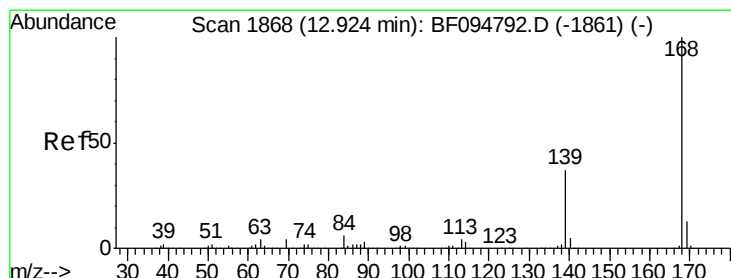
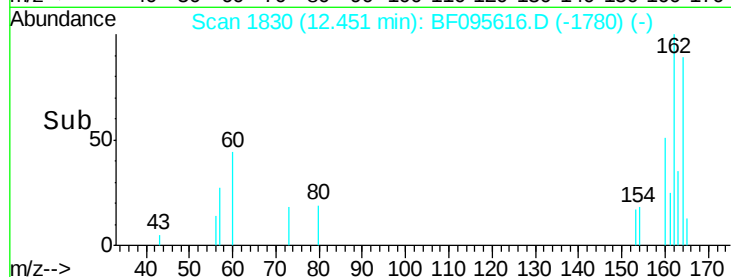
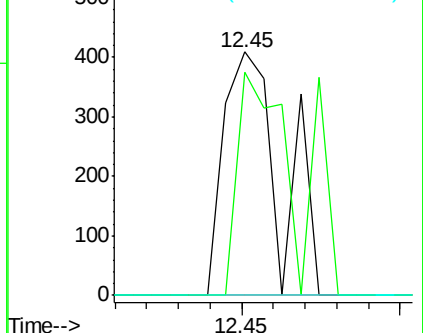
152 0.0 43.6 65.4#



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



#54

Dibenzofuran

Concen: 0.007 ng

RT: 12.83 min Scan# 1895

Delta R.T. 0.09 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

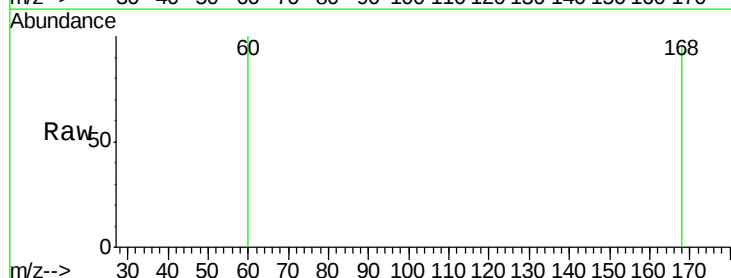
Tgt Ion:168 Resp: 109

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

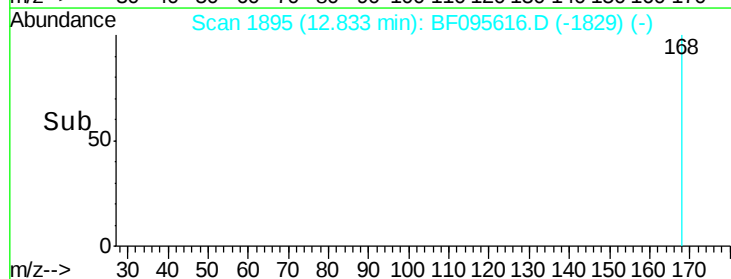
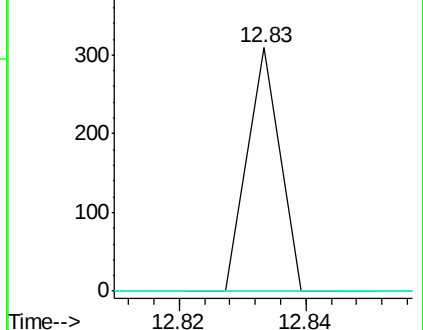
169 0.0 10.8 16.2#

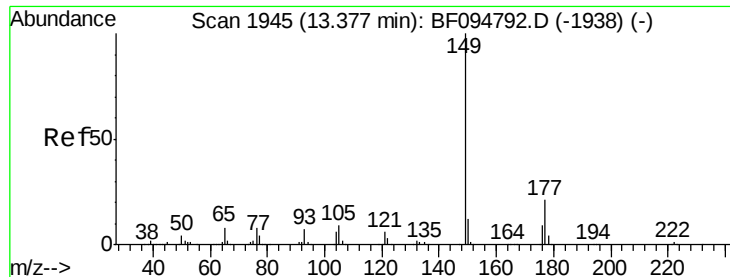


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#59

Diethylphthalate

Concen: 0.031 ng

RT: 13.20 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

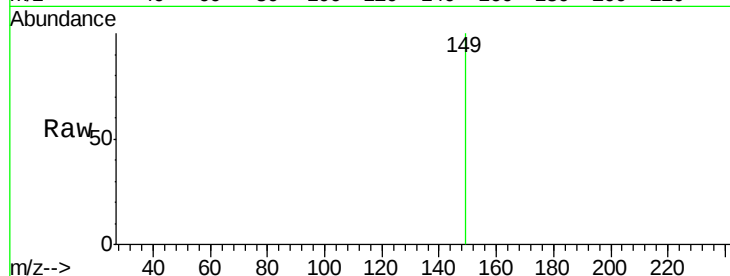
Tgt Ion: 149 Resp: 436

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

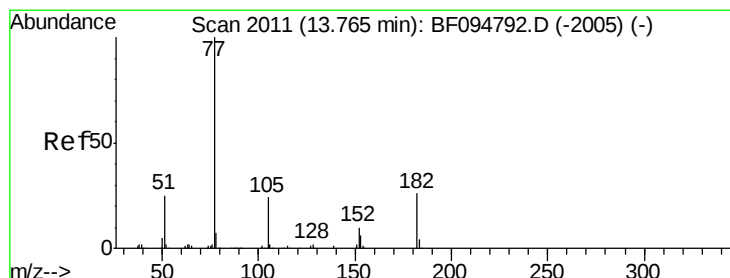
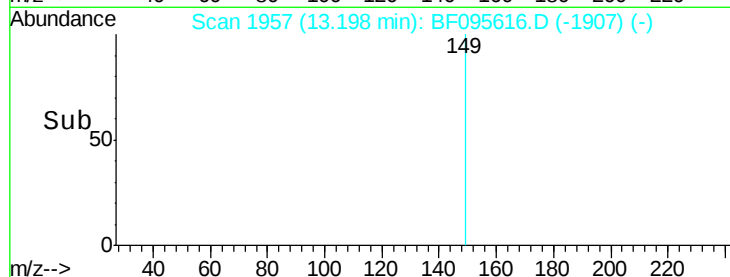
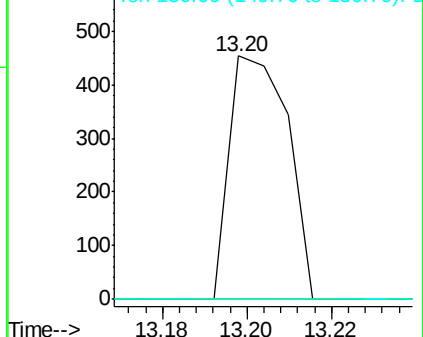
150 0.0 10.2 15.2#



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: 0.079 ng

RT: 13.69 min Scan# 2041

Delta R.T. 0.11 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Tgt Ion: 77 Resp: 882

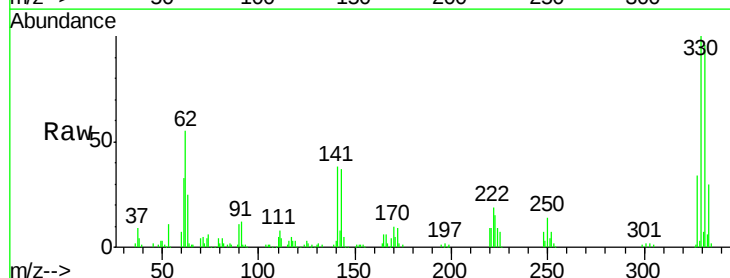
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 112.7 3.6 43.6#

51 114.7 9.4 49.4#

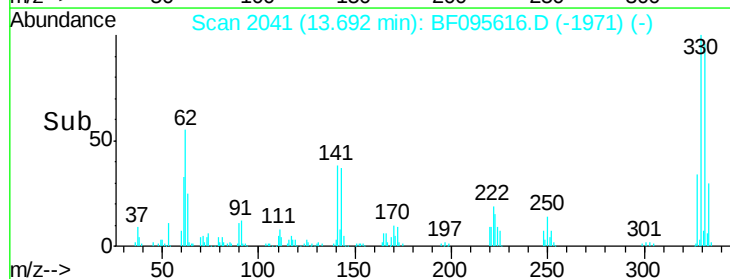
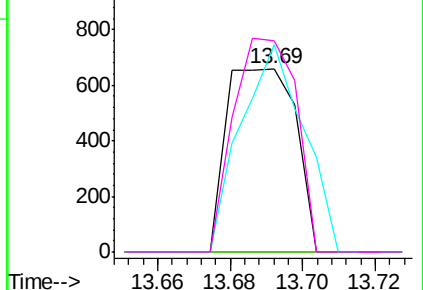


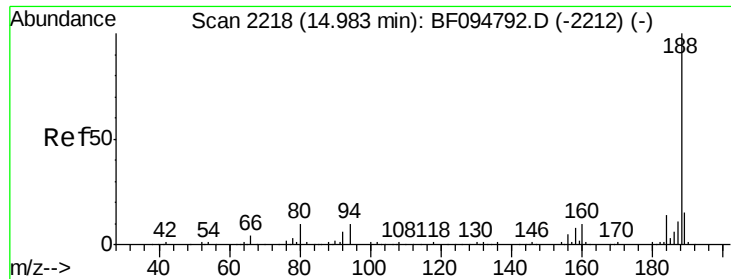
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

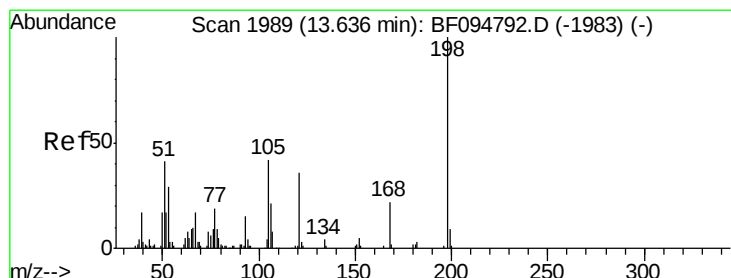
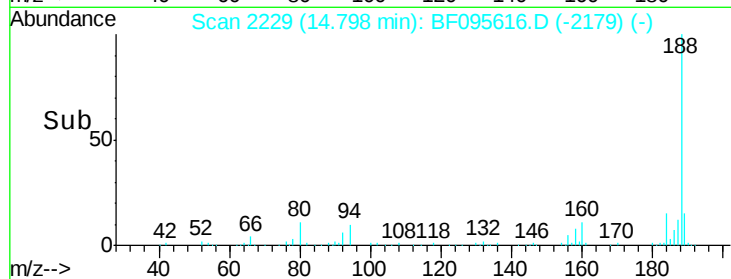
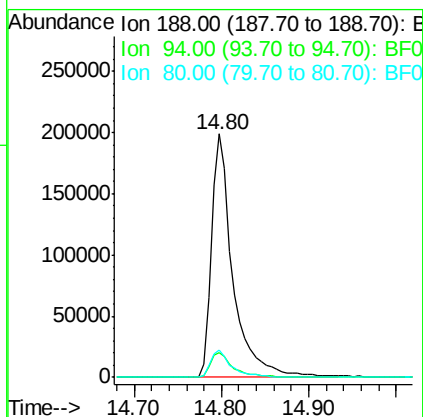
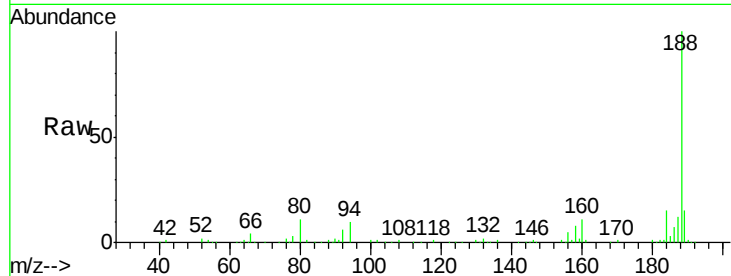




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

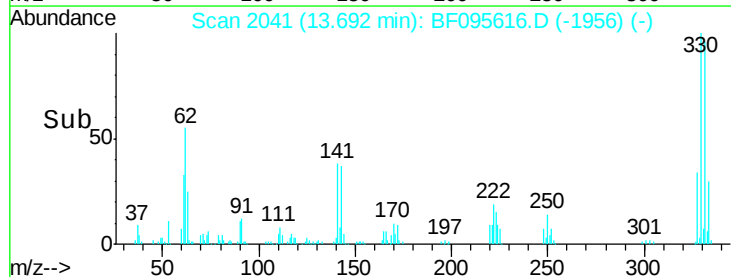
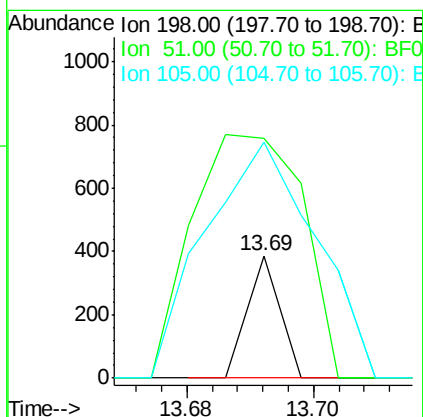
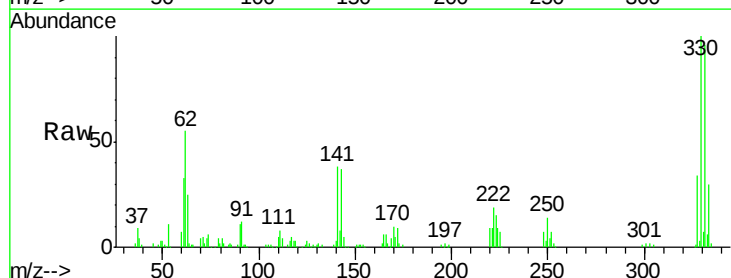
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

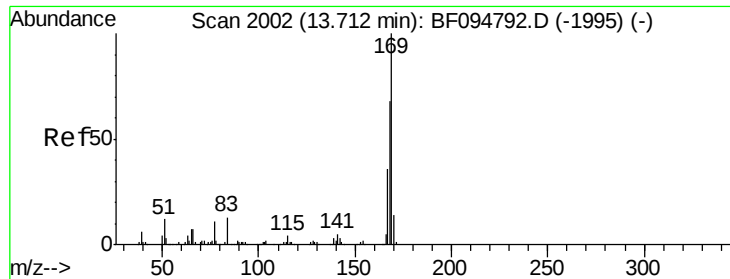
Tgt Ion:188 Resp: 337625
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.061 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. 0.20 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion:198 Resp: 137
 Ion Ratio Lower Upper
 198 100
 51 195.9 53.2 93.2#
 105 192.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 0.642 ng

RT: 13.69 min Scan# 2041

Delta R.T. 0.16 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

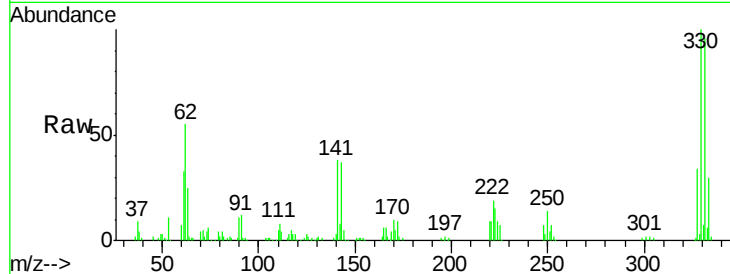
Tgt Ion:169 Resp: 7866

Ion Ratio Lower Upper

169 100

168 6.4 53.2 79.8#

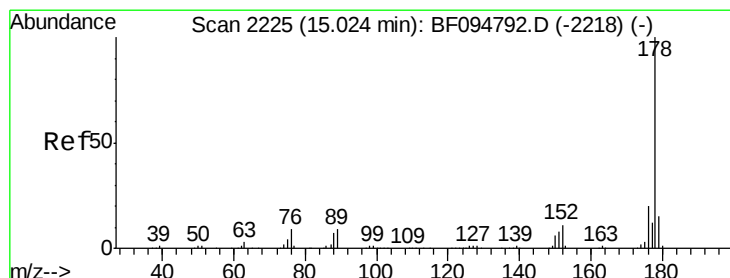
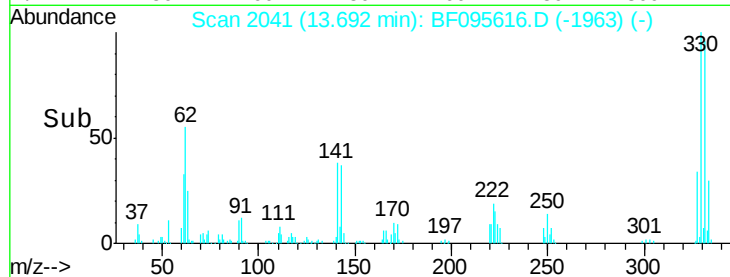
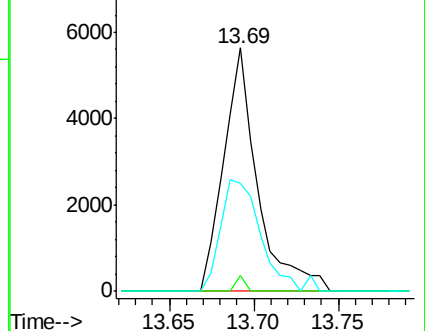
167 44.5 29.5 44.3#



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



#70

Phenanthrene

Concen: 0.057 ng

RT: 14.84 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

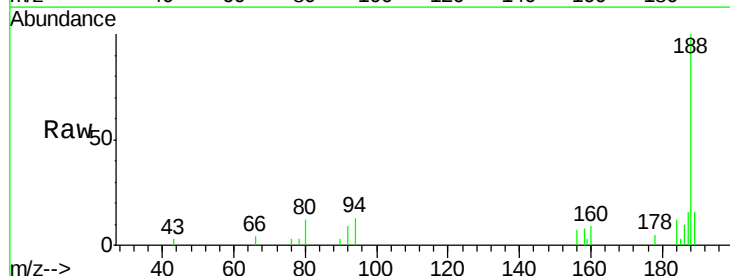
Tgt Ion:178 Resp: 1113

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

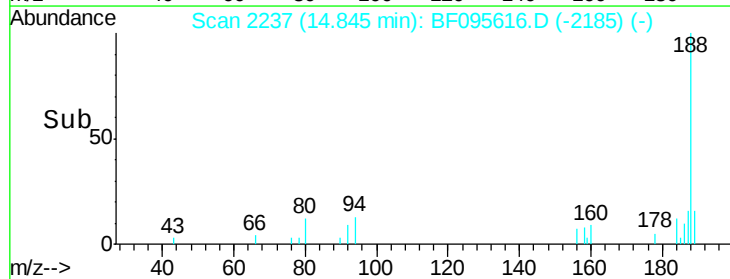
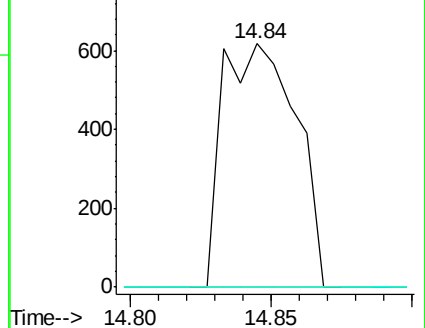
179 0.0 12.6 19.0#

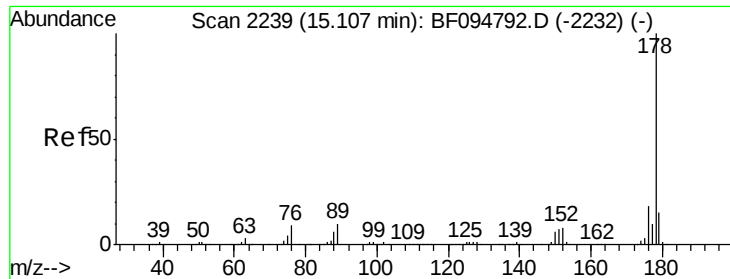


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.056 ng

RT: 14.84 min Scan# 2237

Delta R.T. -0.08 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

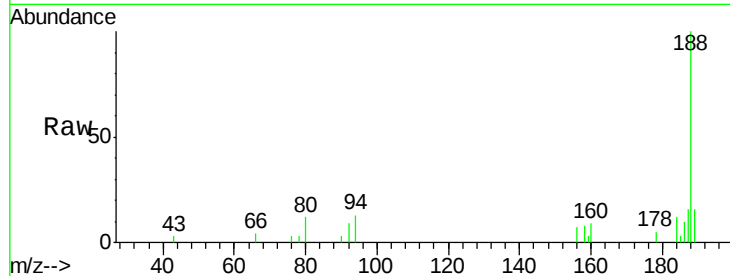
Tgt Ion:178 Resp: 1113

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 0.0 12.7 19.1#



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

14.84

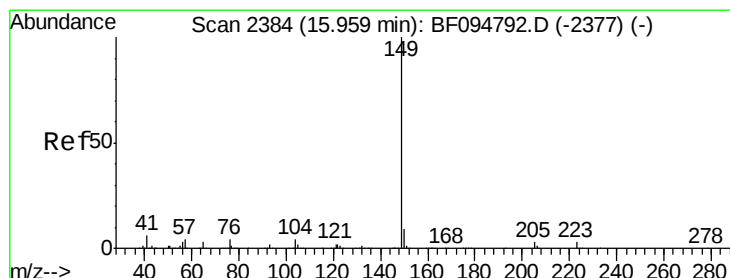
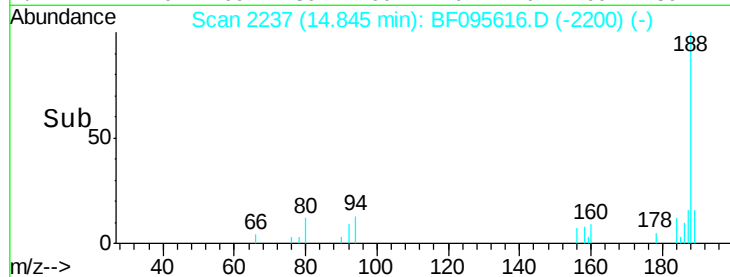
600

400

200

0

Time--> 14.80 14.85



#73

Di-n-butylphthalate

Concen: 0.073 ng

RT: 15.80 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

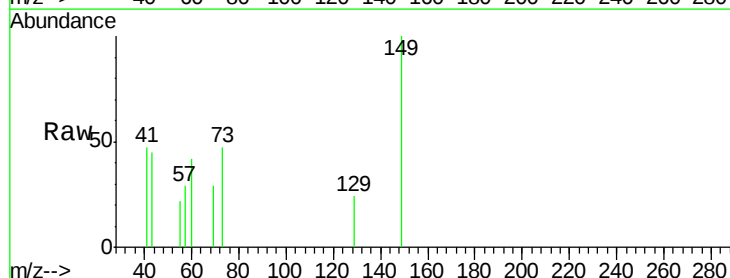
Tgt Ion:149 Resp: 1649

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.0 6.0#



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

15.80

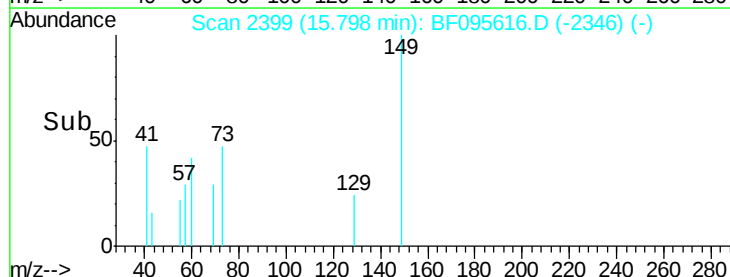
1500

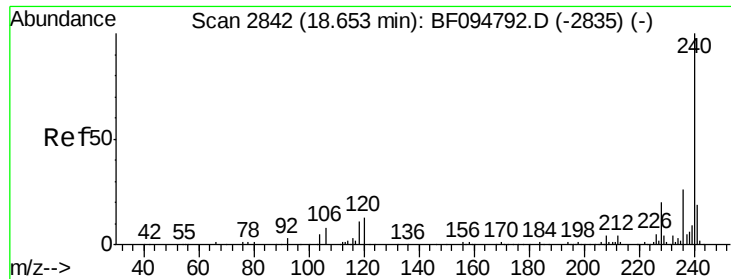
1000

500

0

Time--> 15.80





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

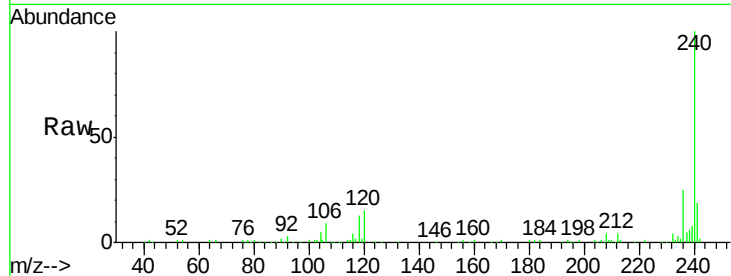
Tgt Ion:240 Resp: 272212

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

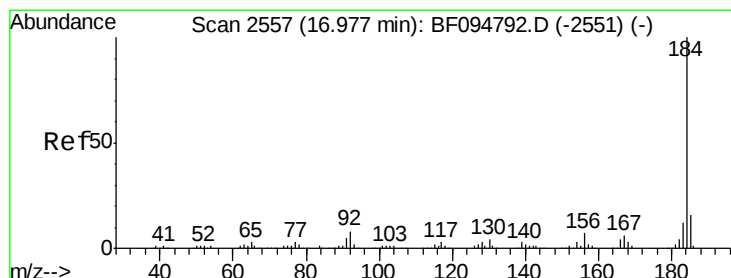
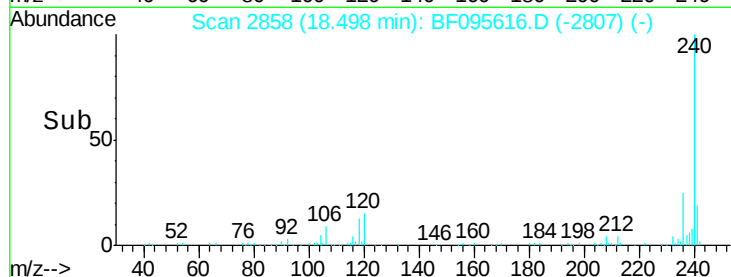
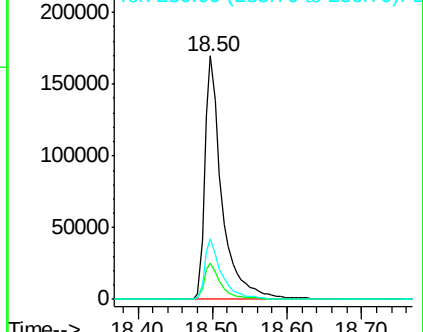
236 24.7 20.5 30.7



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: 6.602 ng

RT: 16.97 min Scan# 2598

Delta R.T. 0.15 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

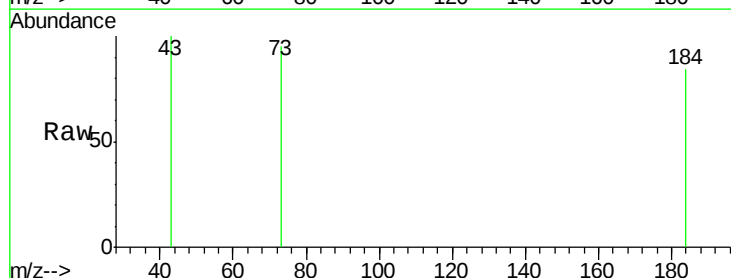
Tgt Ion:184 Resp: 114

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

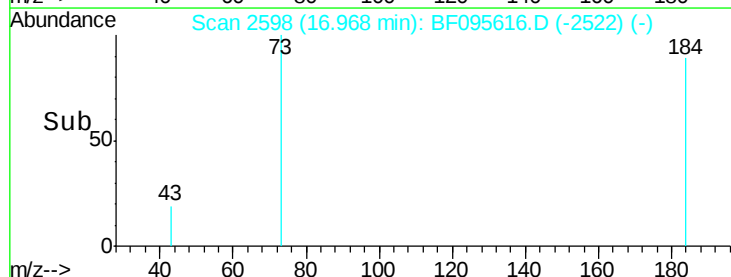
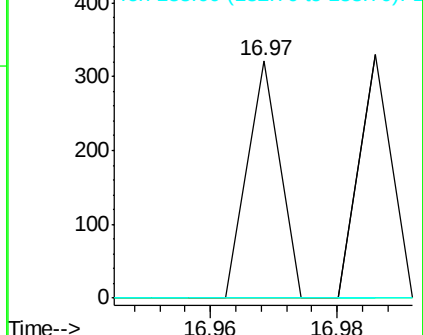
183 0.0 9.8 14.6#

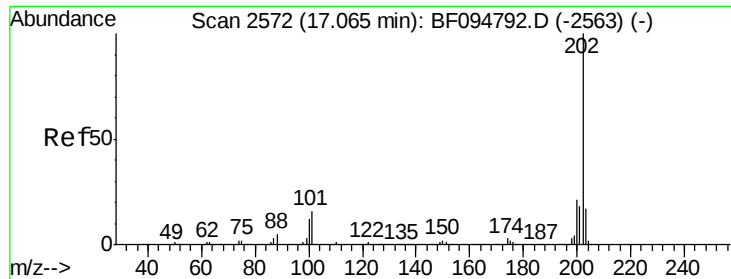


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

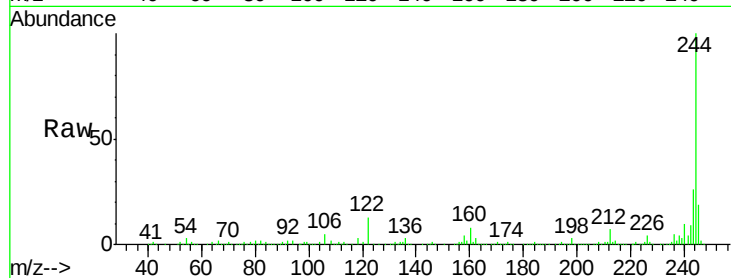




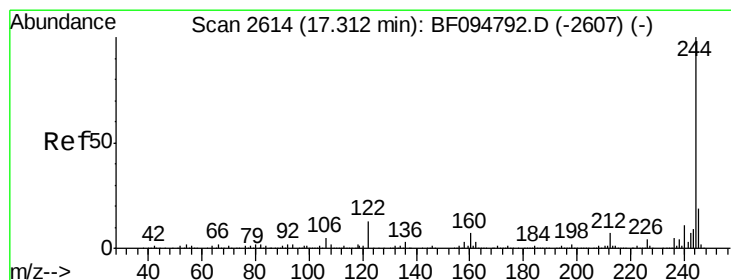
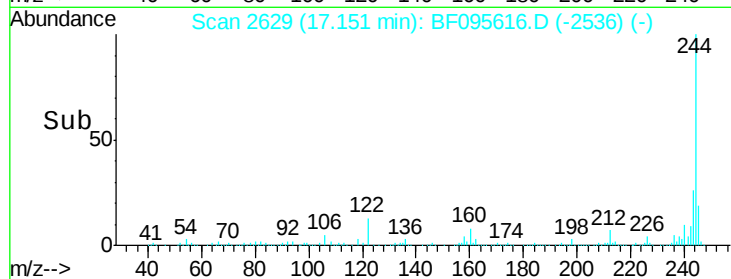
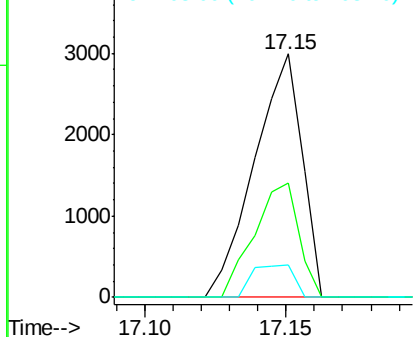
#77
 Pyrene
 Concen: 0.172 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.25 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

Tgt Ion: 202 Resp: 3508
 Ion Ratio Lower Upper
 202 100
 200 46.8 17.6 26.4#
 203 13.3 14.4 21.6#

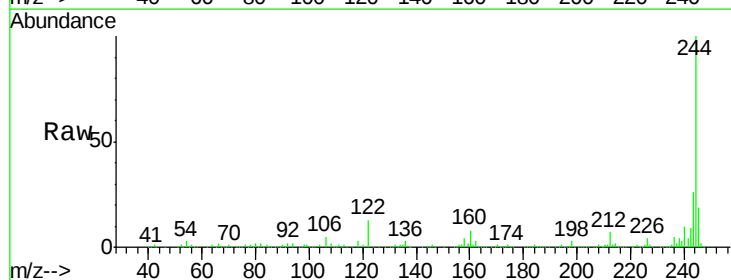


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

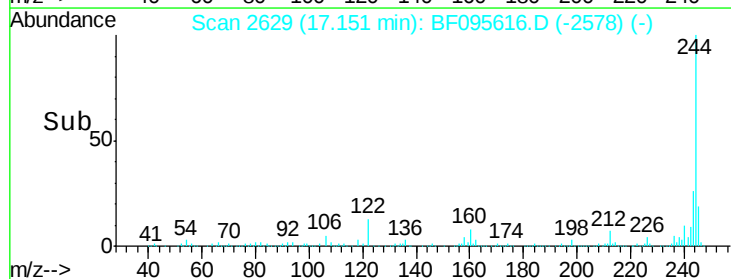
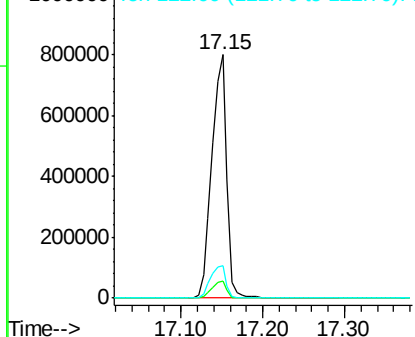


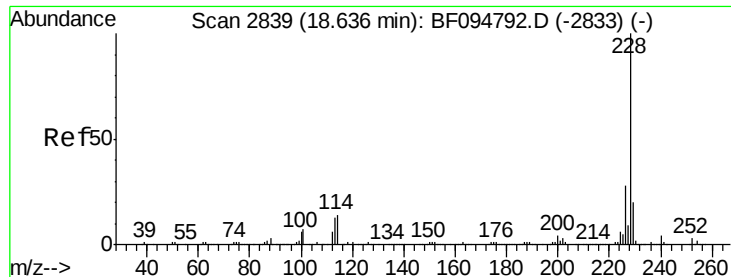
#78
 Terphenyl-d14
 Concen: 82.220 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095616.D
 Acq: 2 Jun 2017 3:54

Tgt Ion: 244 Resp: 1016144
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5



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: 0.033 ng

RT: 18.50 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

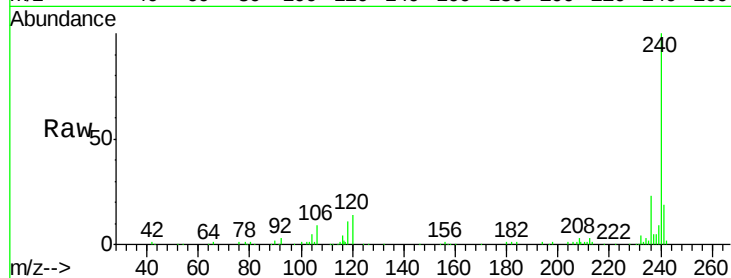
Tgt Ion:228 Resp: 529

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

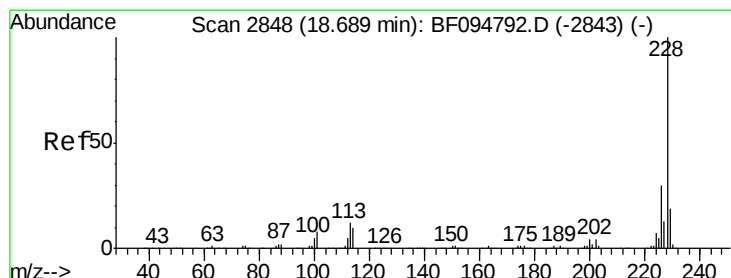
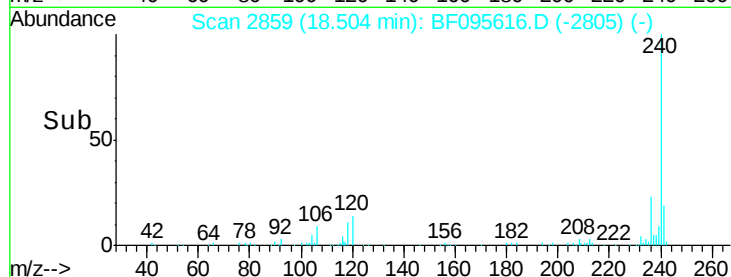
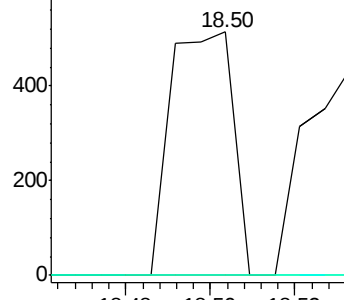
229 0.0 16.3 24.5#



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: 0.049 ng

RT: 18.53 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

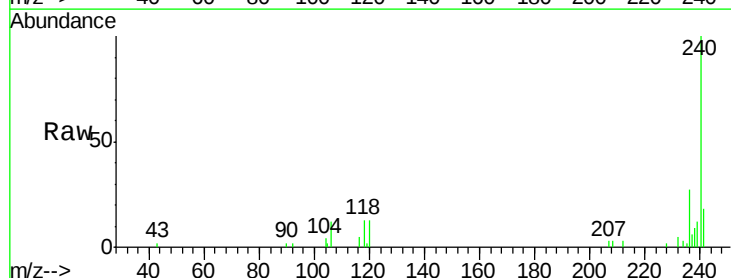
Tgt Ion:228 Resp: 751

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

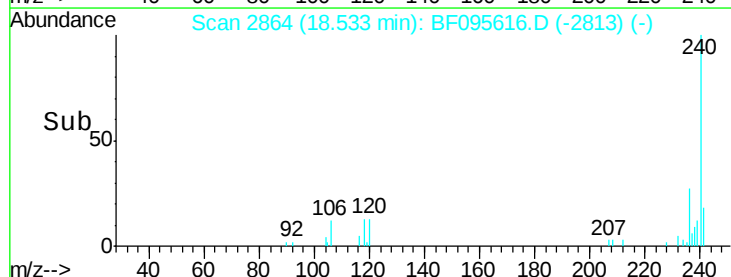
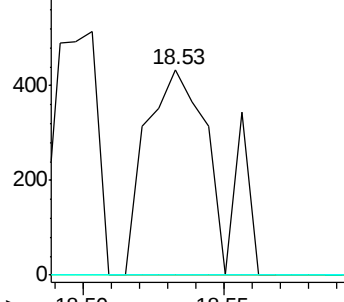
229 0.0 15.8 23.6#

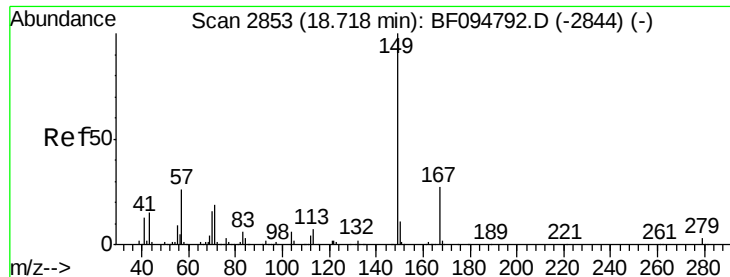


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 18.56 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

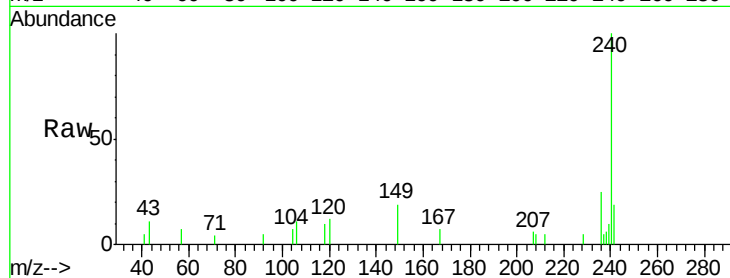
Tgt Ion:149 Resp: 1514

Ion Ratio Lower Upper

149 100

167 36.7 21.0 31.4#

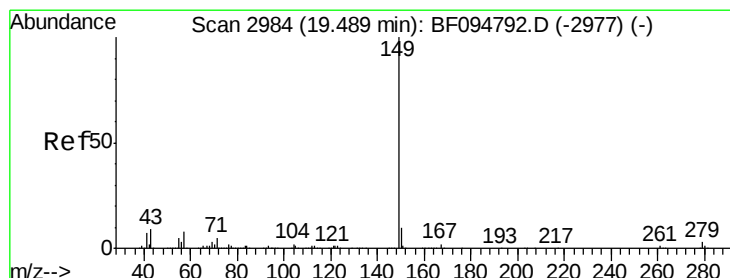
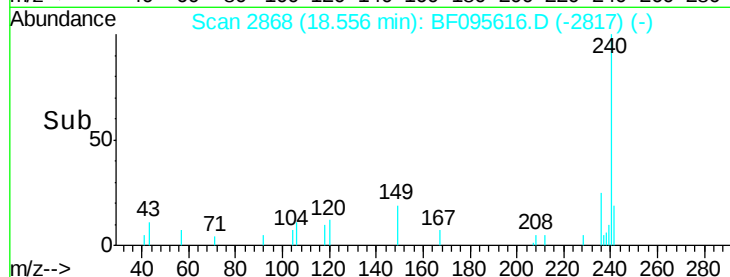
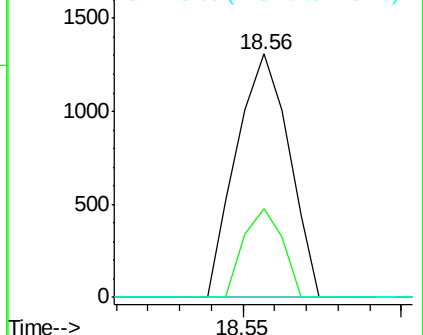
279 0.0 1.9 2.9#



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: 0.018 ng

RT: 19.33 min Scan# 3000

Delta R.T. 0.01 min

Lab File: BF095616.D

Acq: 2 Jun 2017 3:54

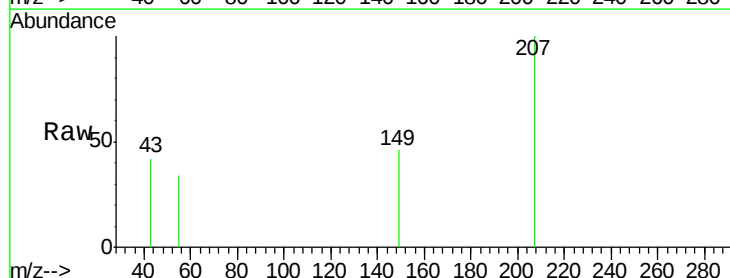
Tgt Ion:149 Resp: 408

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

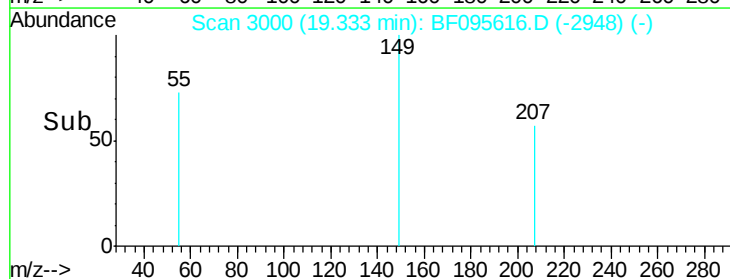
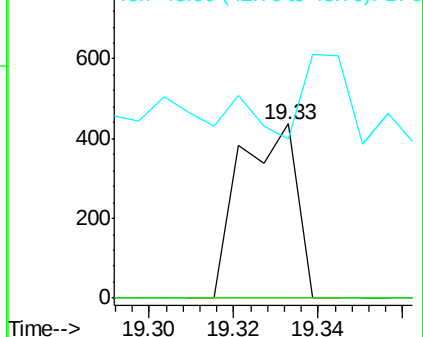
43 42.9 8.5 12.7#

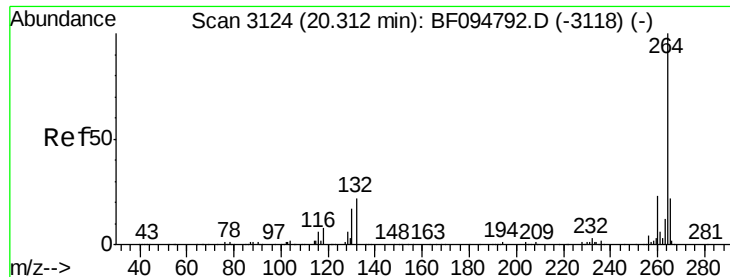


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

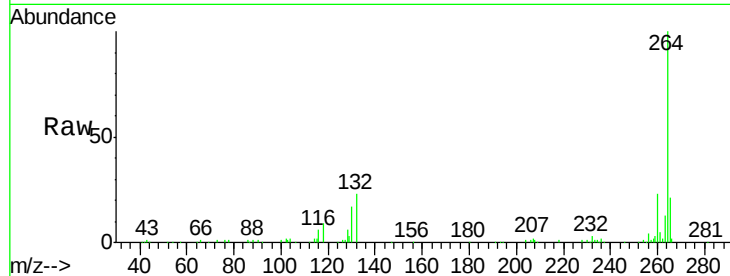




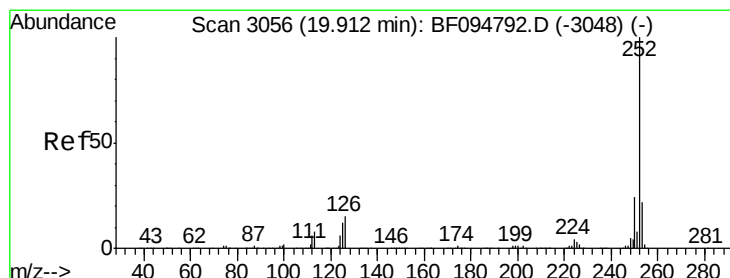
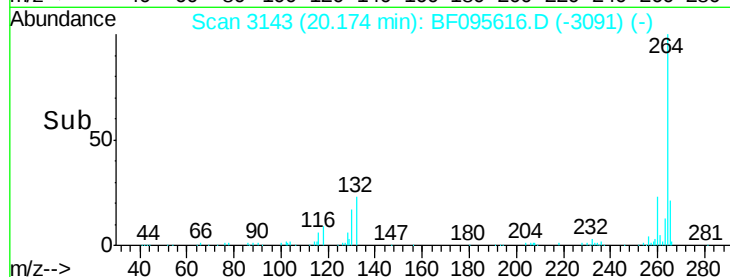
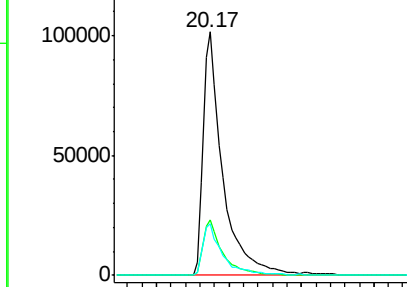
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4-COMP

Tgt Ion: 264 Resp: 191454
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.3 17.2 25.8

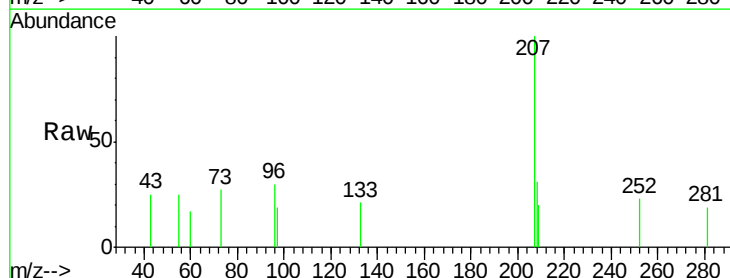


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

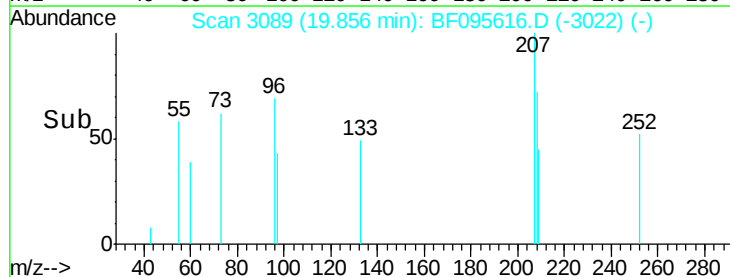
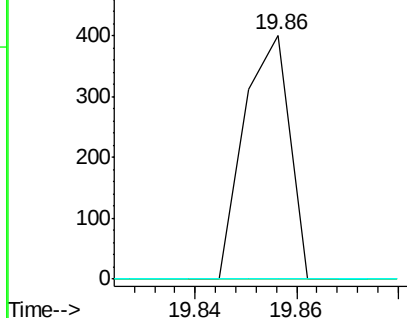


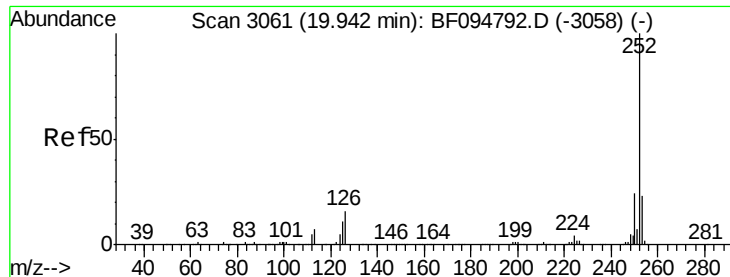
#87
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 19.86 min Scan# 3089
Delta R.T. 0.09 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion: 252 Resp: 252
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 9.8 14.8#



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

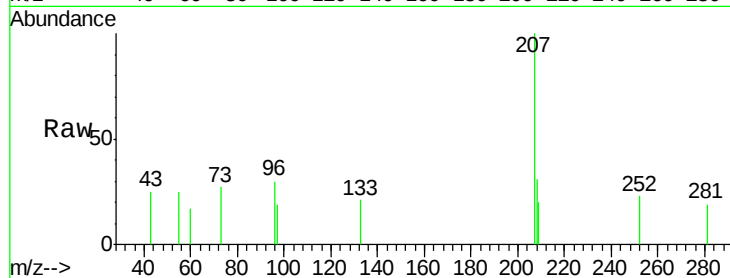




#88
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 19.86 min Scan# 3089
Delta R.T. 0.06 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

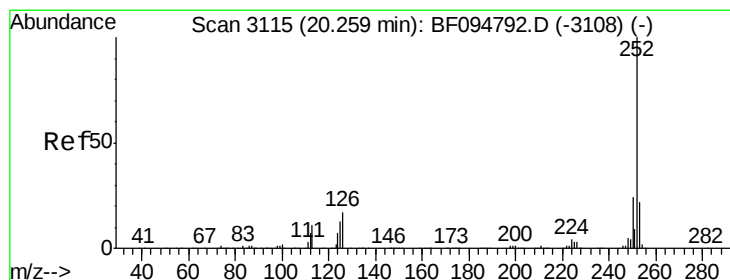
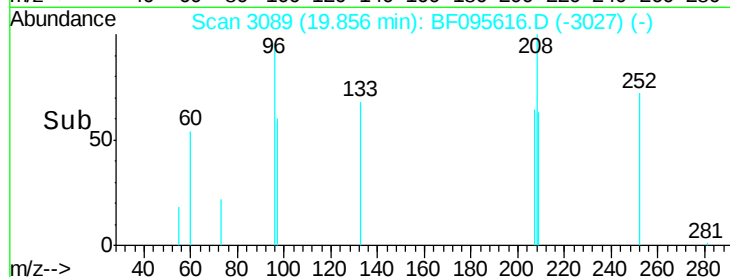
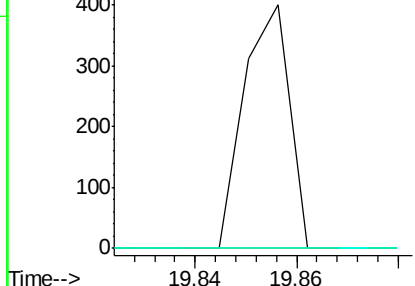
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4-COMP

Tgt Ion:252 Resp: 252
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 13.1 19.7#



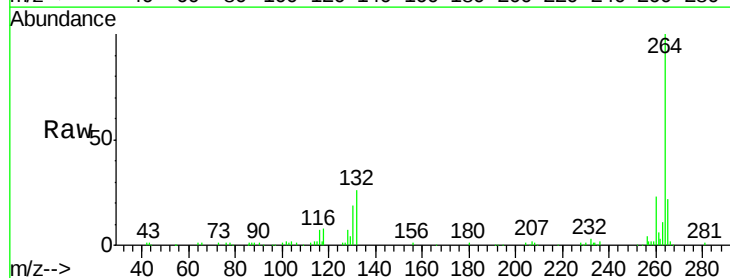
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

19.86



#89
Benzo(a)pyrene
Concen: 0.036 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095616.D
Acq: 2 Jun 2017 3:54

Tgt Ion:252 Resp: 389
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.4#



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

20.17

