

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091072.D
 Acq On : 7 Nov 2016 22:40
 Operator : UM/SJ
 Sample : H5526-03DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5DL

Quant Time: Nov 07 23:59:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

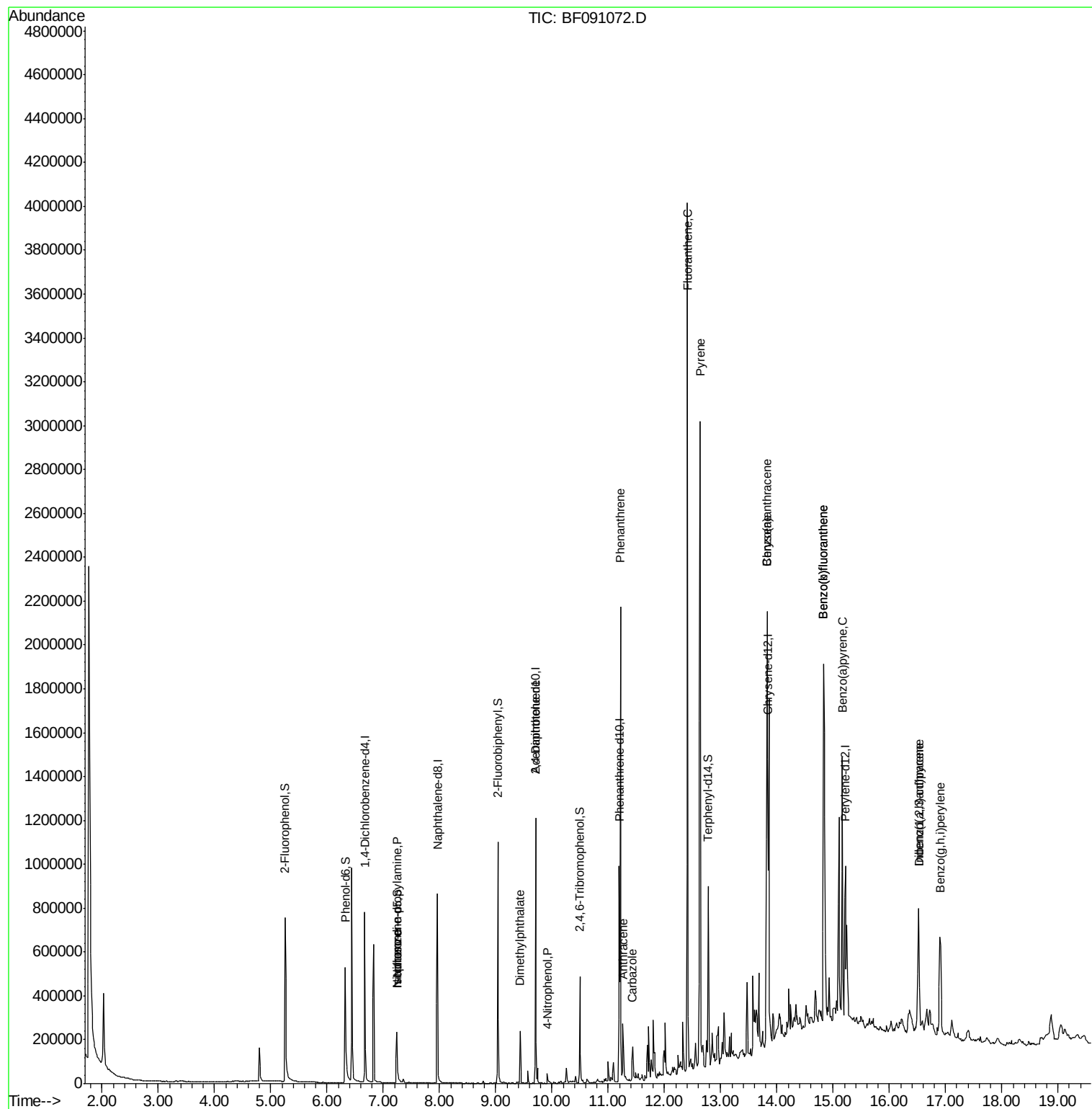
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	132230	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	500722	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	247065	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	396888	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	403330	20.00	ng	-0.02
86) Perylene-d12	15.22	264	378048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	317539	39.66	ng	-0.03
7) Phenol-d6	6.33	99	355711	32.73	ng	-0.02
23) Nitrobenzene-d5	7.24	82	122336	13.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	60794	27.22	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	369954	25.78	ng	-0.03
78) Terphenyl-d14	12.77	244	325496	20.14	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	16369	2.17	ng	# 68
25) Isophorone	7.24	82	81358	4.60	ng	# 67
49) Dimethylphthalate	9.44	163	103107	6.36	ng	99
55) 4-Nitrophenol	9.92	139	7947	8.42	ng	# 1
56) 2,4-Dinitrotoluene	9.71	165	32615	7.38	ng	# 26
70) Phenanthrene	11.22	178	807758	38.29	ng	99
71) Anthracene	11.26	178	141188	6.29	ng	97
72) Carbazole	11.44	167	84290	4.17	ng	# 95
74) Fluoranthene	12.41	202	1468610	67.12	ng	96
77) Pyrene	12.64	202	1326158	50.21	ng	99
80) Benzo(a)anthracene	13.83	228	738720	32.26	ng	99
82) Chrysene	13.83	228	738720	32.71	ng	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	431259	23.02	ng	# 87
87) Benzo(b)fluoranthene	14.83	252	1289352	50.29	ng	98
88) Benzo(k)fluoranthene	14.83	252	1289352	57.33	ng	98
89) Benzo(a)pyrene	15.16	252	620016	27.78	ng	97
90) Dibenzo(a,h)anthracene	16.52	278	112959	5.85	ng	94
91) Benzo(g,h,i)perylene	16.90	276	373512	21.40	ng	95

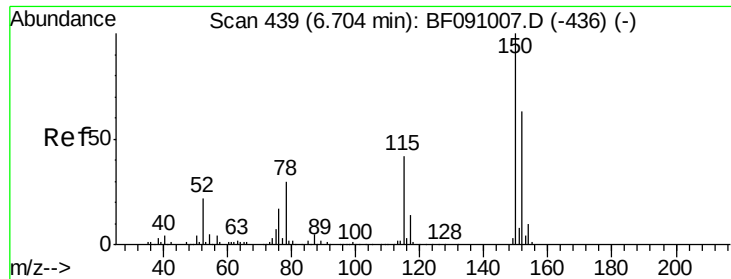
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5DL

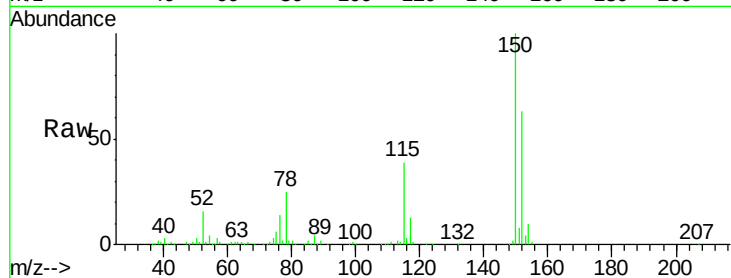
Tgt Ion:152 Resp: 132230

Ion Ratio Lower Upper

152 100

150 157.7 126.8 190.2

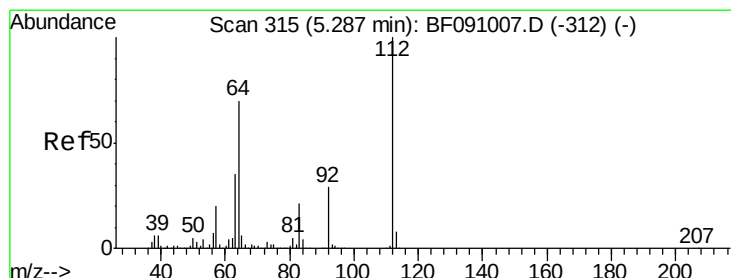
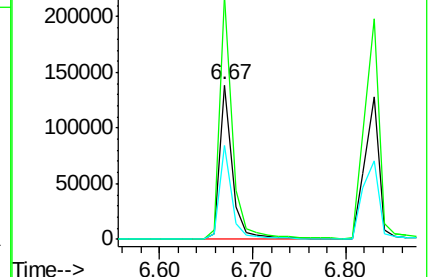
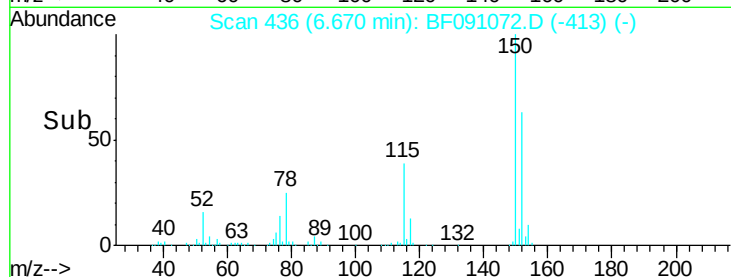
115 61.1 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 39.66 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

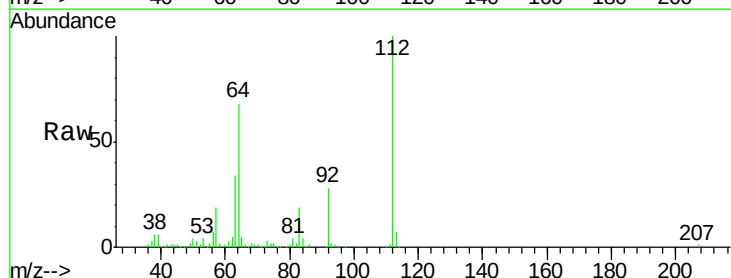
Tgt Ion:112 Resp: 317539

Ion Ratio Lower Upper

112 100

64 68.0 55.8 83.6

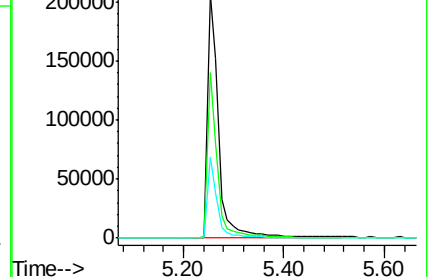
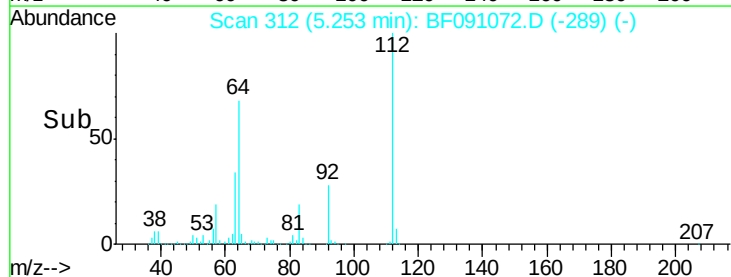
63 33.5 28.0 42.0

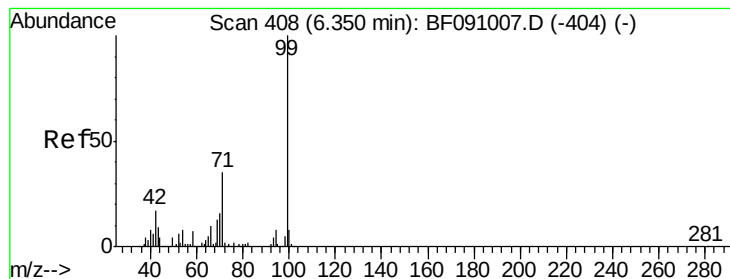


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.73 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5DL

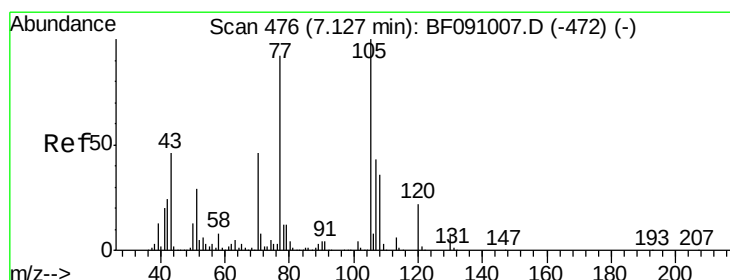
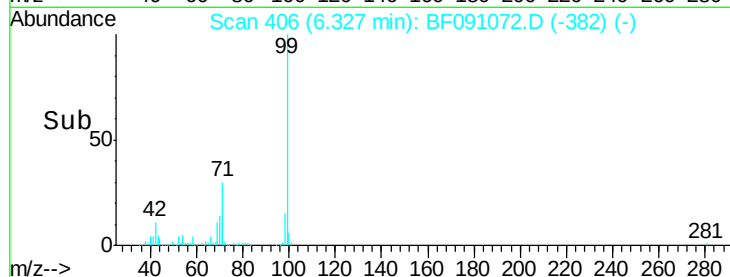
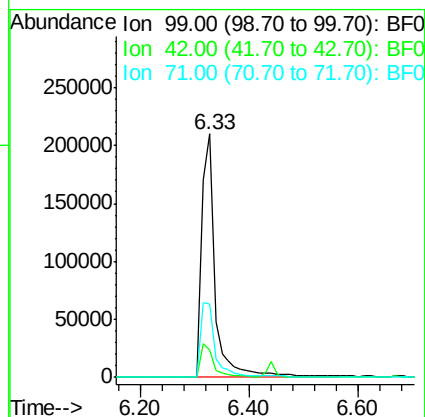
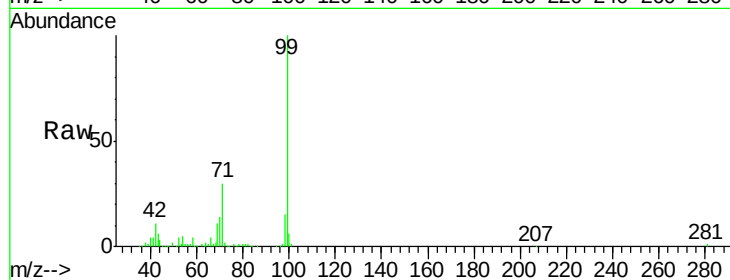
Tgt Ion: 99 Resp: 355711

Ion Ratio Lower Upper

99 100

42 11.2 13.9 20.9#

71 30.3 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.17 ng

RT: 7.24 min Scan# 486

Delta R.T. 0.11 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Tgt Ion: 70 Resp: 16369

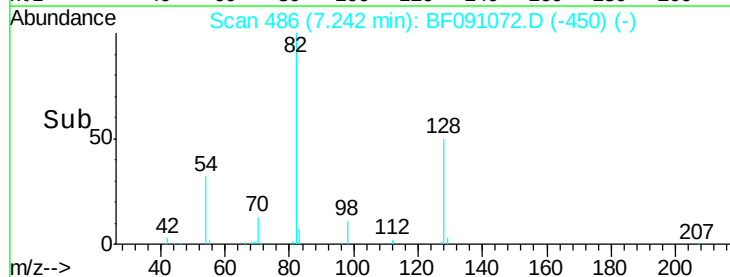
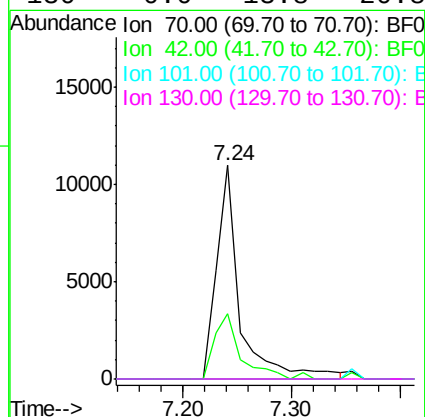
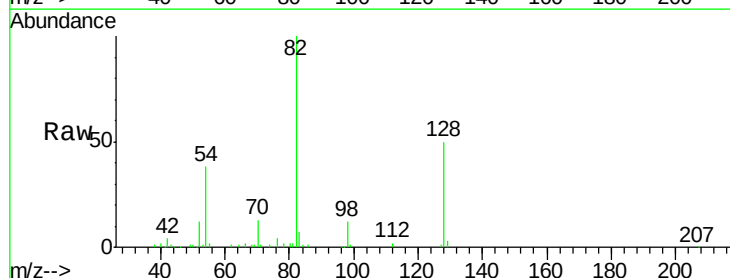
Ion Ratio Lower Upper

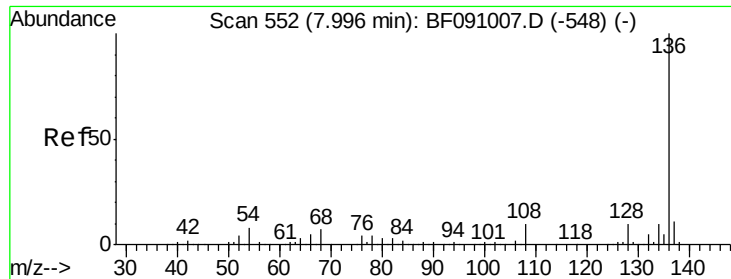
70 100

42 30.4 41.7 62.5#

101 0.0 6.7 10.1#

130 0.0 13.8 20.8#

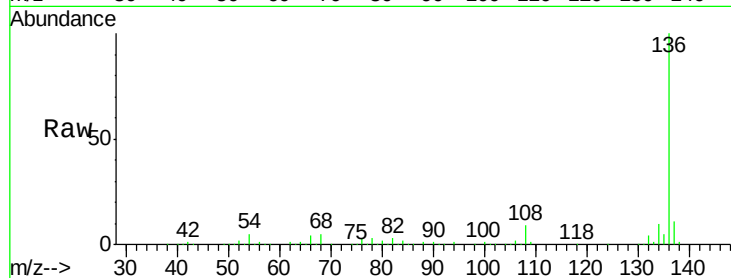




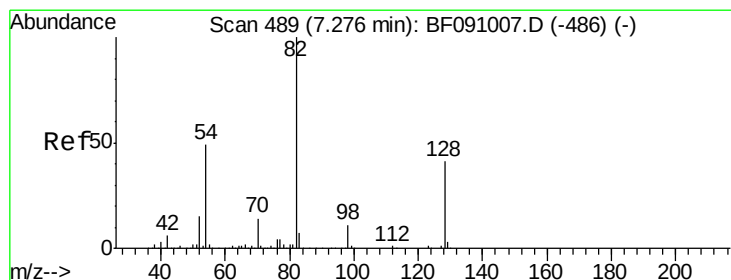
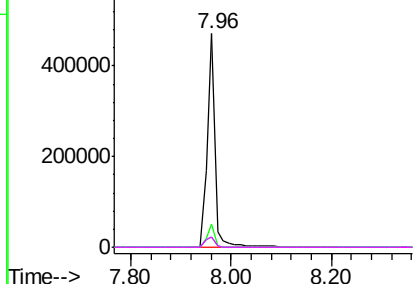
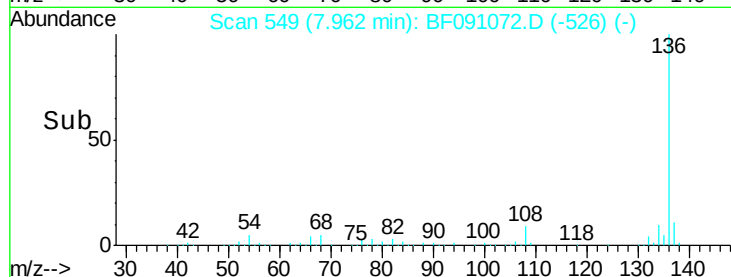
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091072.D
Acq: 7 Nov 2016 22:40

Instrument :
BNA_F
ClientSampleId :
SB-99-1.0-1.5DL

Tgt Ion:	136	Resp:	500722
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	4.7	6.2	9.2#
68	4.8	5.5	8.3#

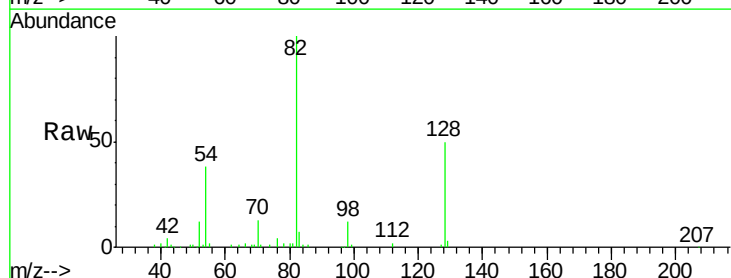


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

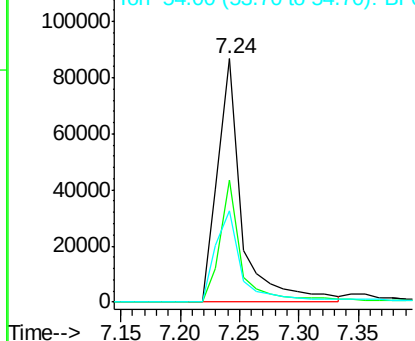
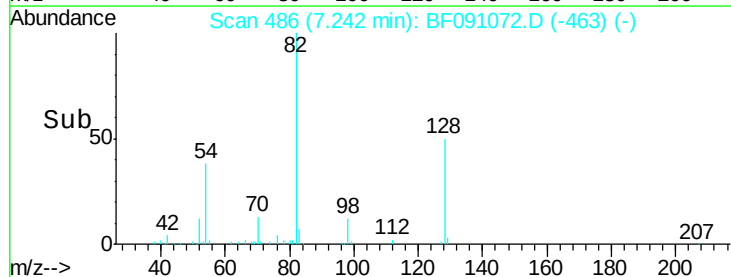


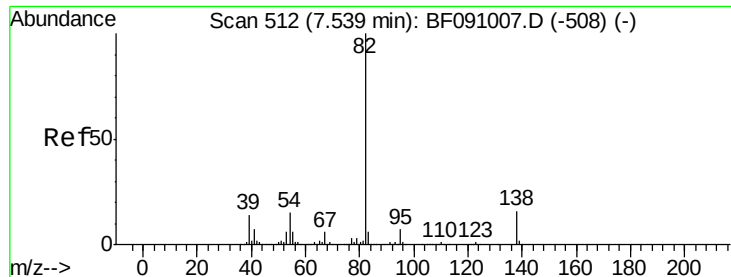
#23
Nitrobenzene-d5
Concen: 13.33 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091072.D
Acq: 7 Nov 2016 22:40

Tgt Ion:	82	Resp:	122336
Ion	Ratio	Lower	Upper
82	100		
128	50.2	32.4	48.6#
54	37.7	39.2	58.8#



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

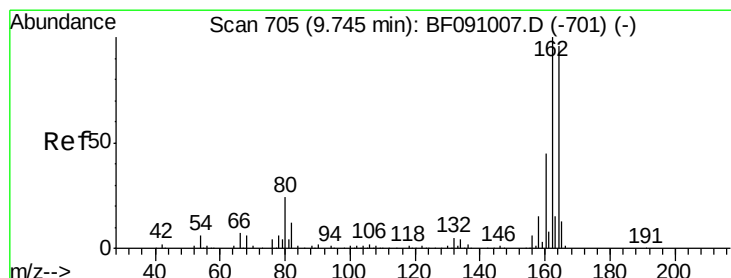
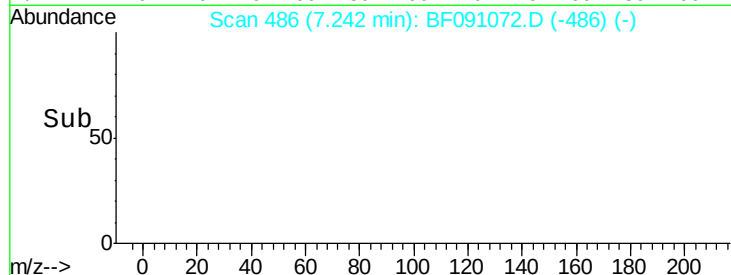
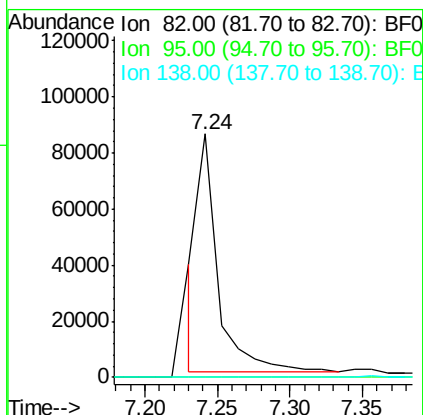
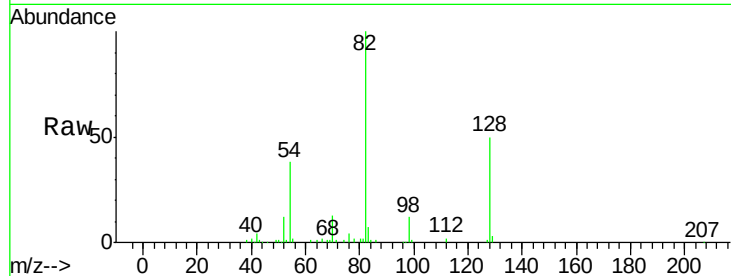




#25
Isophorone
Concen: 4.60 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF091072.D
Acq: 7 Nov 2016 22:40

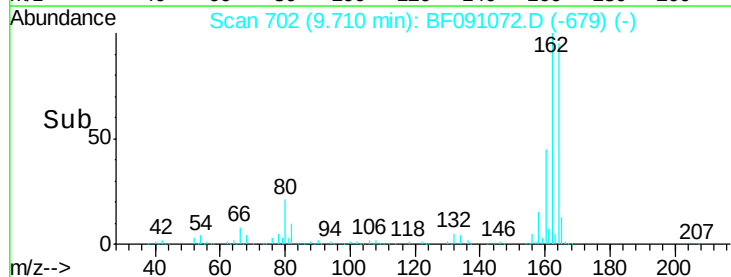
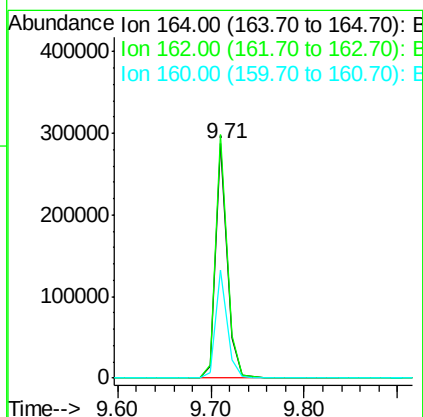
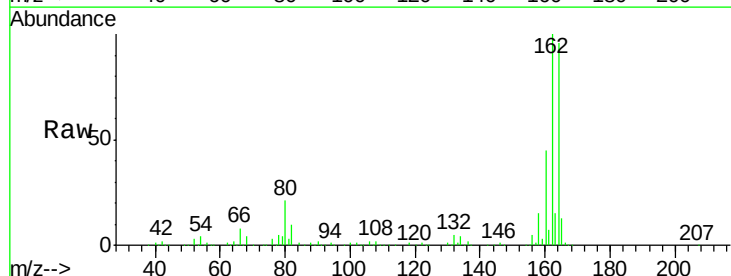
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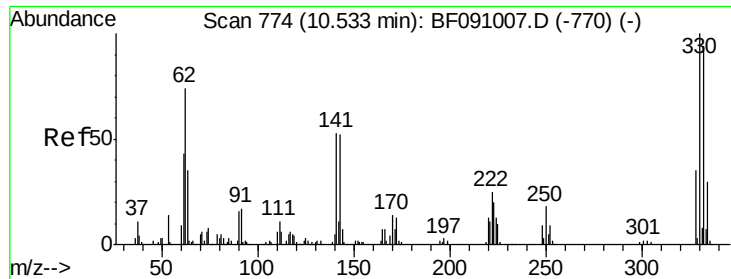
Tgt Ion: 82 Resp: 81358
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091072.D
Acq: 7 Nov 2016 22:40

Tgt Ion: 164 Resp: 247065
Ion Ratio Lower Upper
164 100
162 104.0 83.6 125.4
160 46.3 37.9 56.9

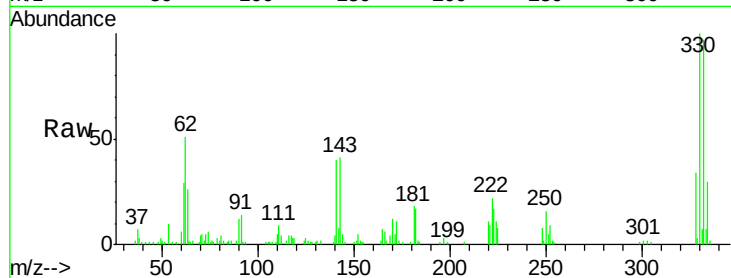




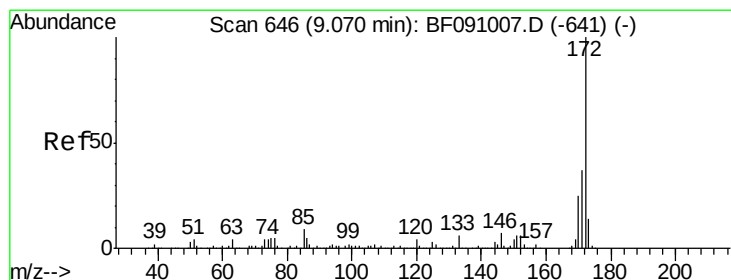
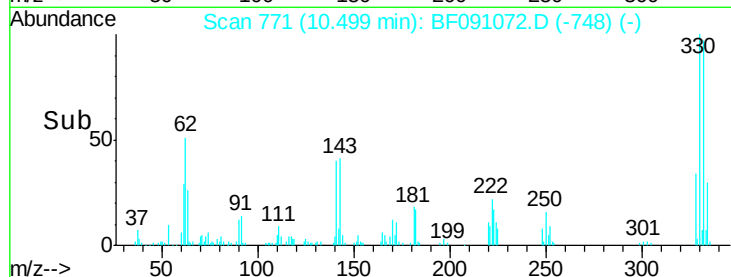
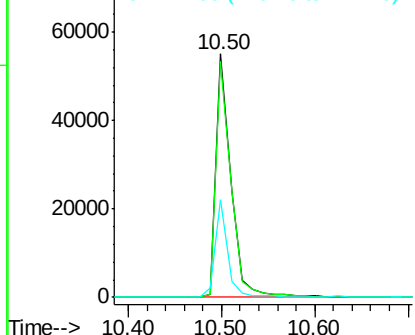
#41
 2,4,6-Tribromophenol
 Concen: 27.22 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF091072.D
 Acq: 7 Nov 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5DL

Tgt Ion:330 Resp: 60794
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.9 113.9
 141 33.6 36.1 54.1#

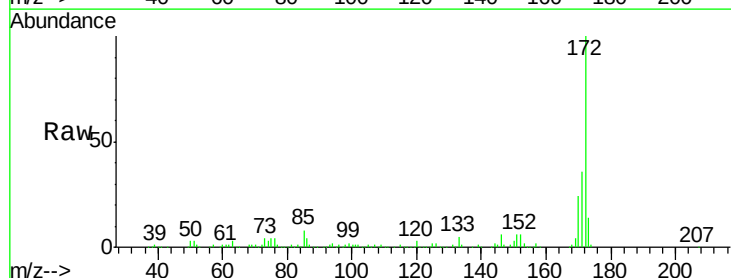


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

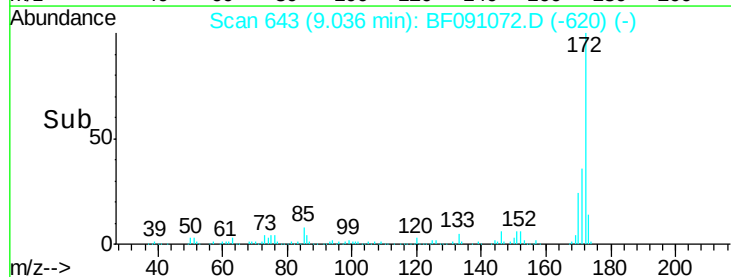
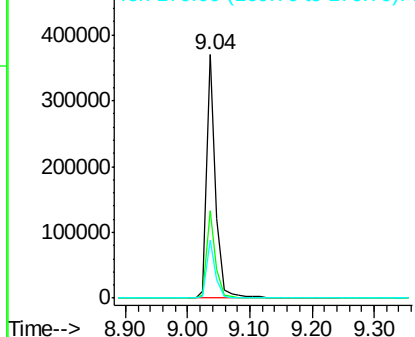


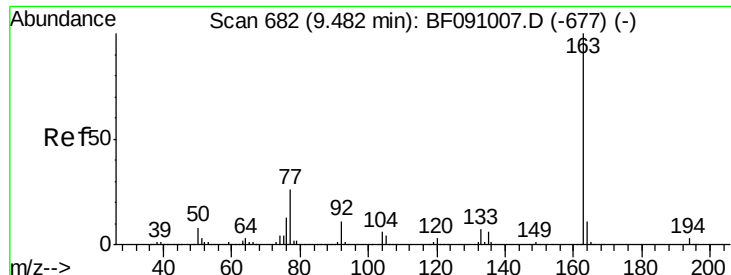
#44
 2-Fluorobiphenyl
 Concen: 25.78 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF091072.D
 Acq: 7 Nov 2016 22:40

Tgt Ion:172 Resp: 369954
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.8 44.6
 170 24.0 20.3 30.5



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





#49

Dimethylphthalate

Concen: 6.36 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5DL

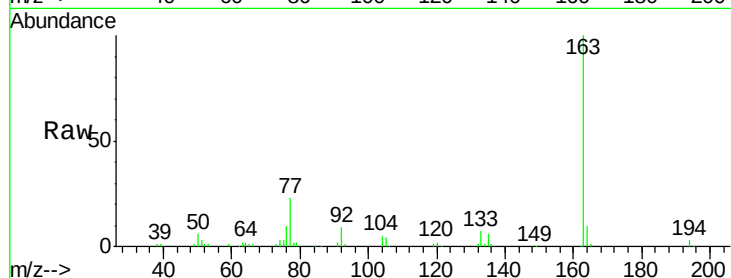
Tgt Ion:163 Resp: 103107

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

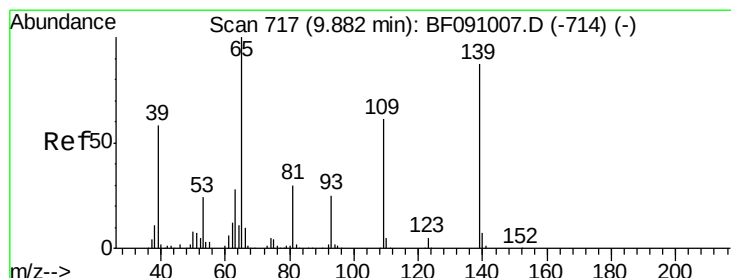
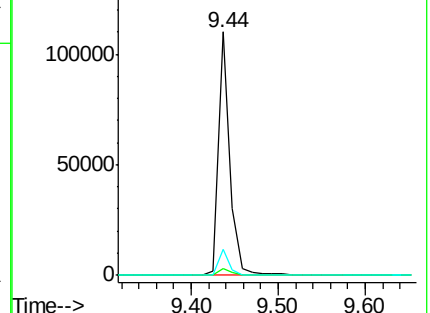
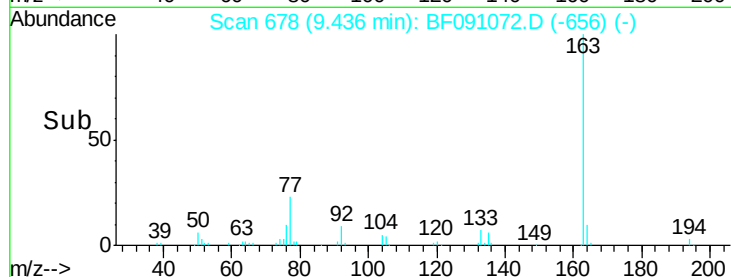
164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

4-Nitrophenol

Concen: 8.42 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.04 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

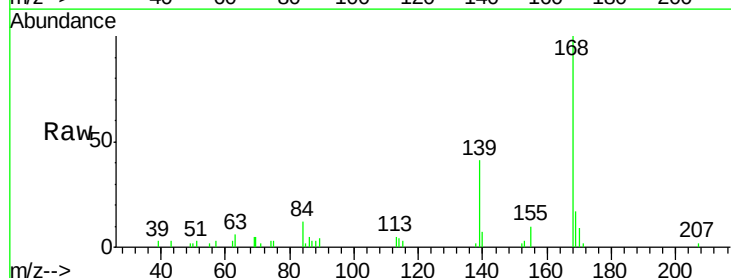
Tgt Ion:139 Resp: 7947

Ion Ratio Lower Upper

139 100

109 0.0 50.5 90.5#

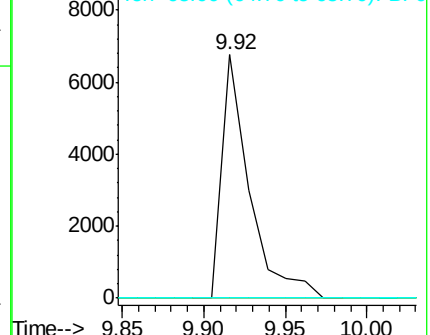
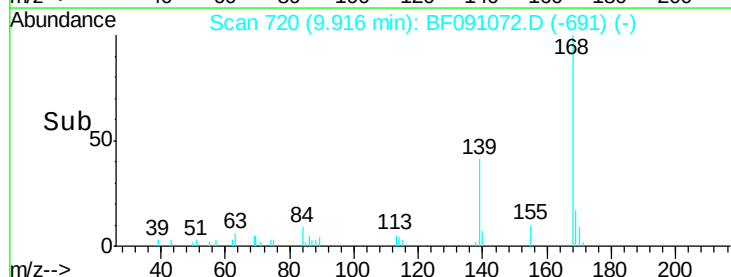
65 0.0 97.1 137.1#

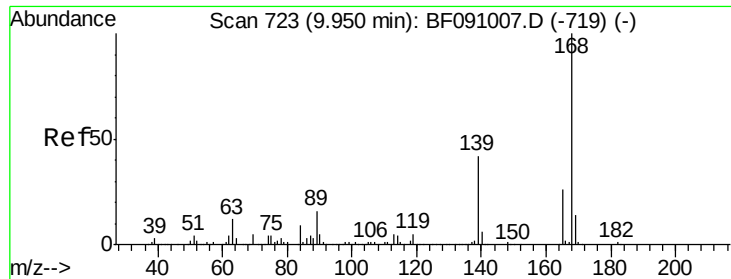


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

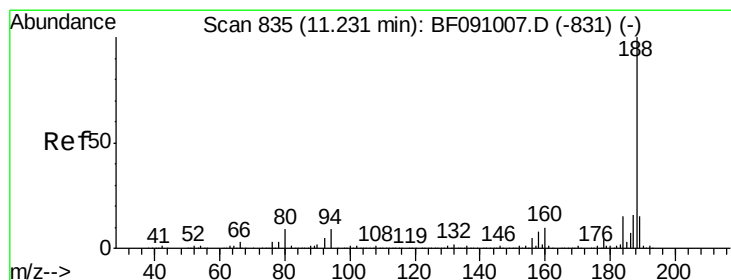
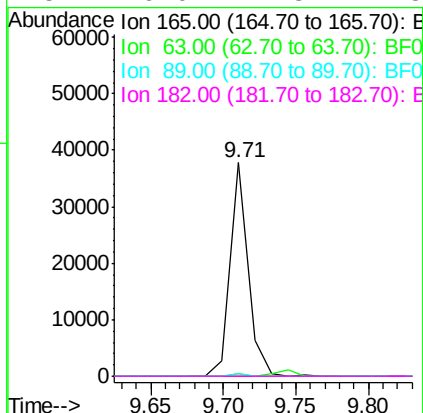
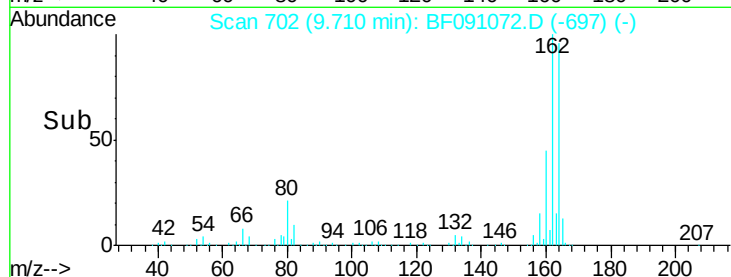
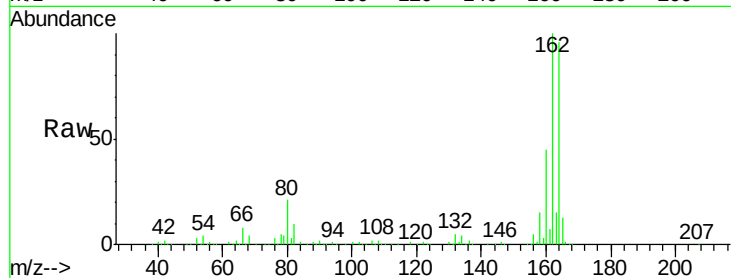




#56
 2,4-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.24 min
 Lab File: BF091072.D
 Acq: 7 Nov 2016 22:40

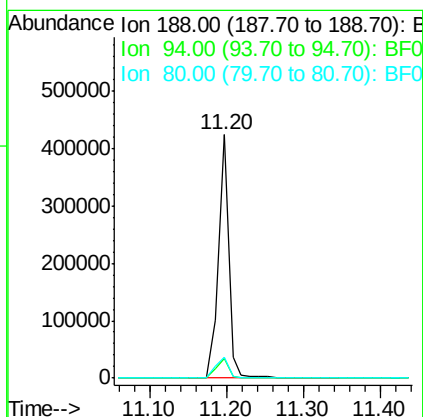
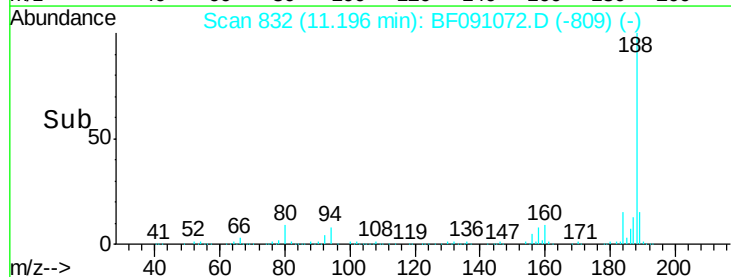
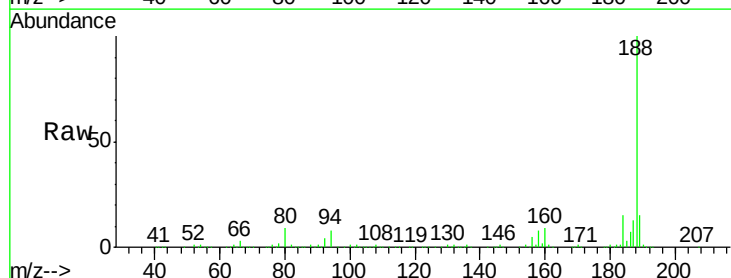
Instrument :
 BNA_F
 ClientSampleId :
 SB-99-1.0-1.5DL

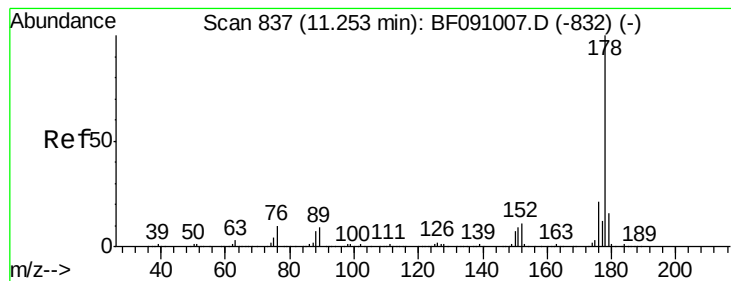
Tgt Ion:165 Resp: 32615
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 0.9 50.6 76.0#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF091072.D
 Acq: 7 Nov 2016 22:40

Tgt Ion:188 Resp: 396888
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 8.5 7.5 11.3





#70

Phenanthrene

Concen: 38.29 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5DL

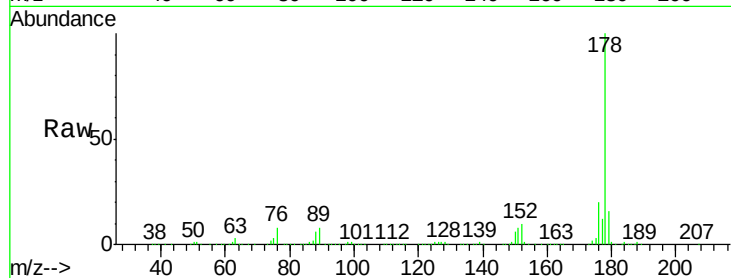
Tgt Ion:178 Resp: 807758

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

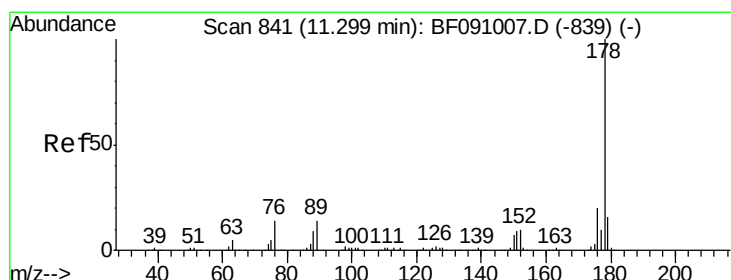
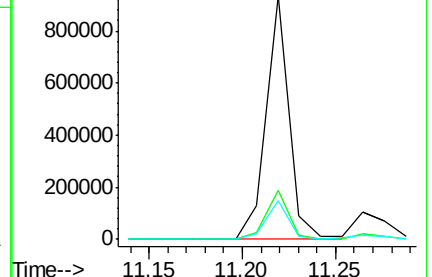
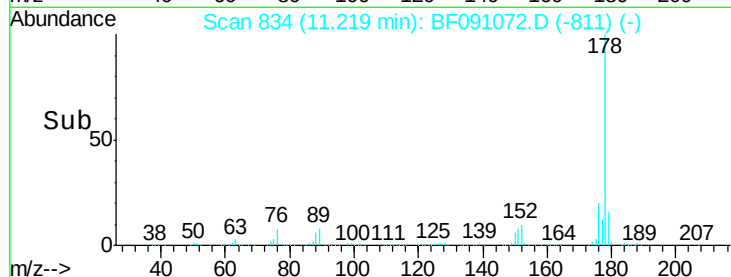
179 15.8 12.9 19.3



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: 6.29 ng

RT: 11.26 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

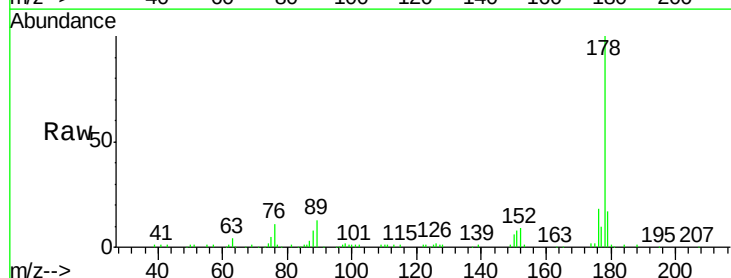
Tgt Ion:178 Resp: 141188

Ion Ratio Lower Upper

178 100

176 18.2 16.0 24.0

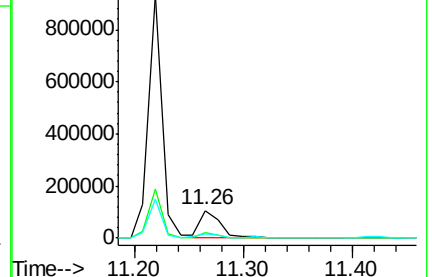
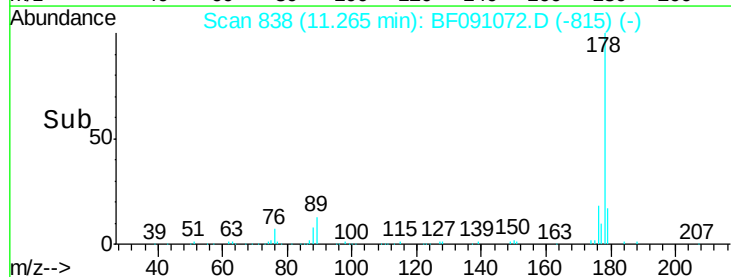
179 17.1 13.0 19.6

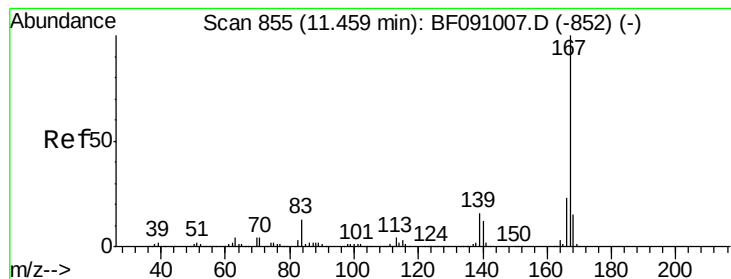


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.17 ng

RT: 11.44 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-99-1.0-1.5DL

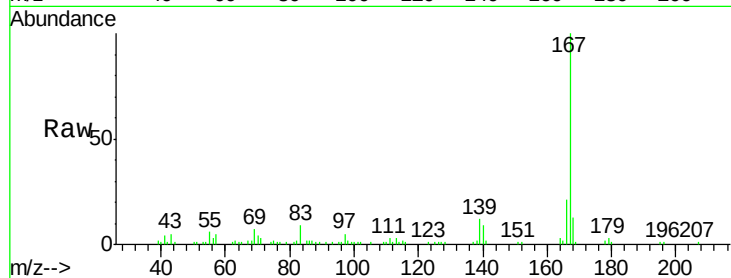
Tgt Ion:167 Resp: 84290

Ion Ratio Lower Upper

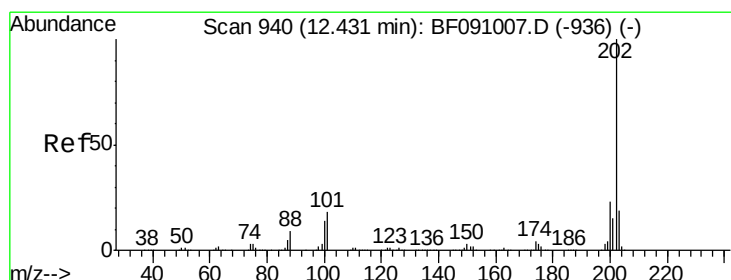
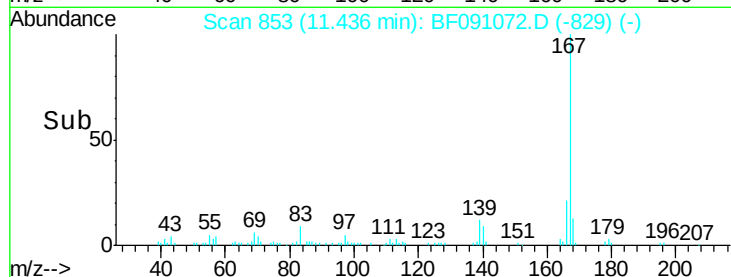
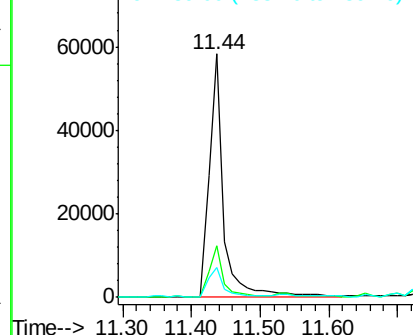
167 100

166 21.1 18.0 27.0

139 12.2 12.6 18.8#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 67.12 ng

RT: 12.41 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF091072.D

Acq: 7 Nov 2016 22:40

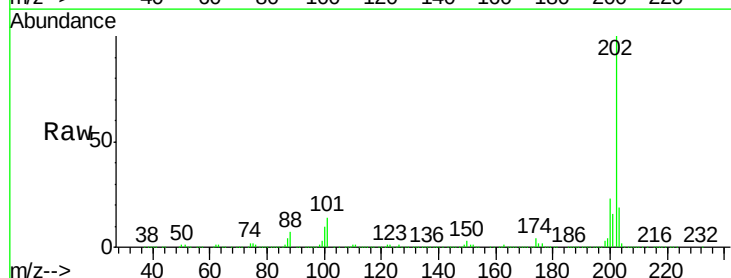
Tgt Ion:202 Resp: 1468610

Ion Ratio Lower Upper

202 100

101 13.6 0.0 37.6

203 18.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

