

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091448.D
 Acq On : 6 Dec 2016 6:57
 Operator : UM/SJ
 Sample : H5772-04DL 25X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01DL

Quant Time: Dec 06 07:19:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146492	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	577571	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	297747	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	412078	20.00	ng	0.00
75) Chrysene-d12	14.01	240	309092	20.00	ng	0.01
86) Perylene-d12	15.44	264	314066	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	185814	20.72	ng	0.00
7) Phenol-d6	6.47	99	246525	22.33	ng	-0.01
23) Nitrobenzene-d5	7.41	82	162254	15.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	52727	18.71	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	284882	17.32	ng	0.00
78) Terphenyl-d14	12.95	244	178600	12.56	ng	-0.01

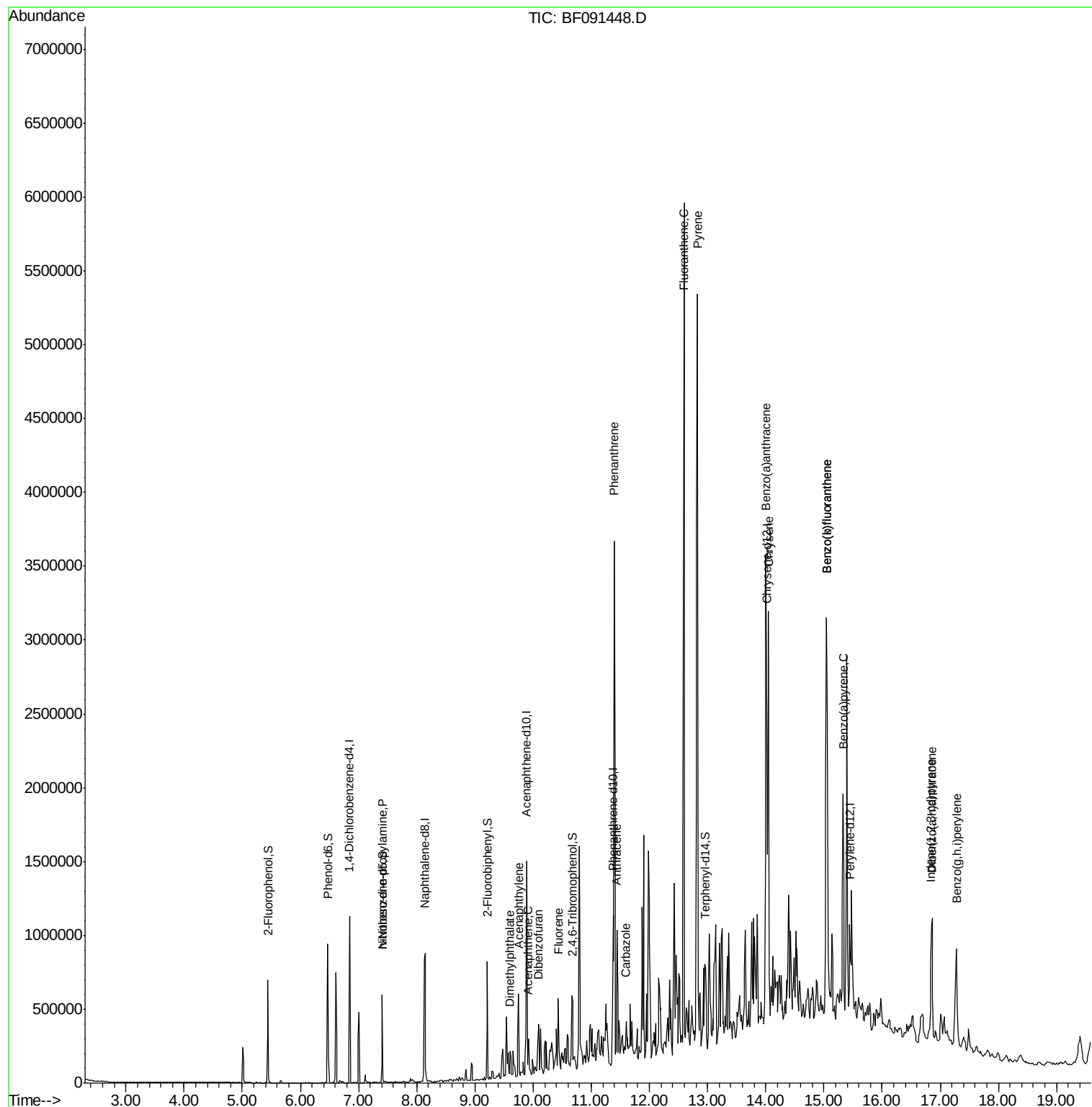
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	21718	3.12	ng	# 73
48) Acenaphthylene	9.75	152	247505	9.86	ng	98
49) Dimethylphthalate	9.60	163	38401	2.13	ng	# 94
51) Acenaphthene	9.92	154	56782	3.35	ng	98
54) Dibenzofuran	10.09	168	81305	3.59	ng	# 86
57) Fluorene	10.44	166	200342	11.51	ng	99
70) Phenanthrene	11.40	178	1772027	82.76	ng	99
71) Anthracene	11.44	178	423830	19.94	ng	98
72) Carbazole	11.60	167	69790	3.62	ng	98
74) Fluoranthene	12.60	202	2836074	139.83	ng	97
77) Pyrene	12.83	202	2771474	118.15	ng	98
80) Benzo(a)anthracene	14.00	228	1769423	97.89	ng	96
82) Chrysene	14.05	228	1403091	78.45	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	694624	42.41	ng	# 88
87) Benzo(b)fluoranthene	15.04	252	2478057	126.94	ng	98
88) Benzo(k)fluoranthene	15.04	252	2478057	150.96	ng	# 96
89) Benzo(a)pyrene	15.33	252	928980	52.99	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	157383	9.71	ng	# 89
91) Benzo(g,h,i)perylene	17.28	276	661061	39.54	ng	# 94

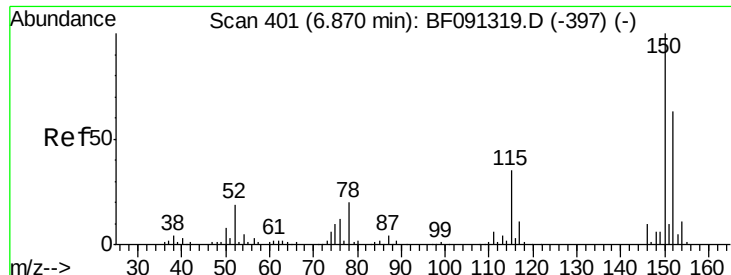
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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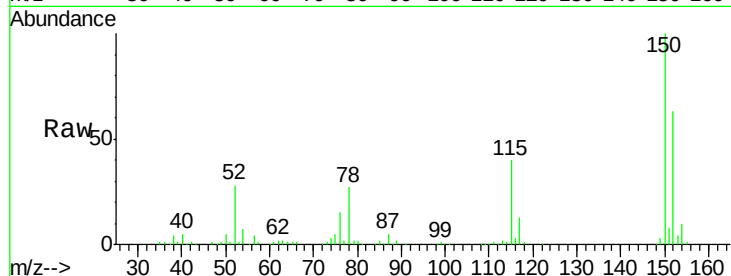




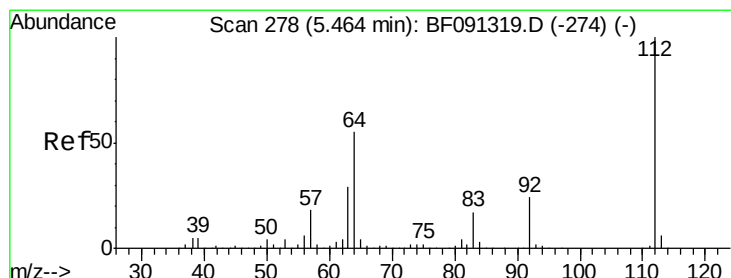
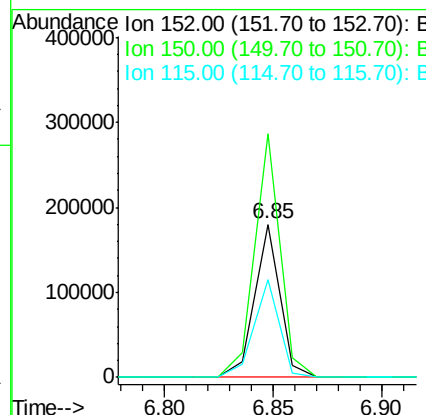
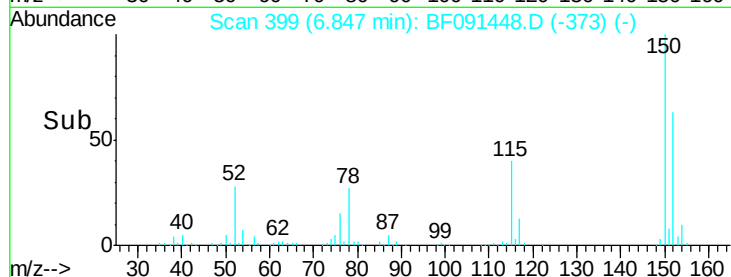
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091448.D
 Acq: 6 Dec 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-01DL

Tgt Ion:152 Resp: 146492
 Ion Ratio Lower Upper
 152 100
 150 158.9 122.5 183.7
 115 63.4 51.8 77.8

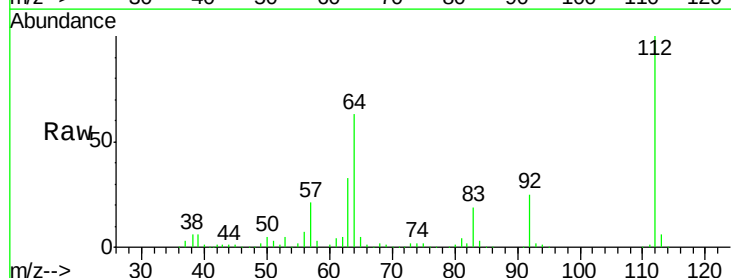


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

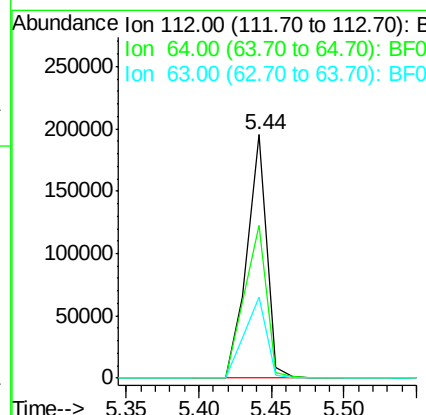
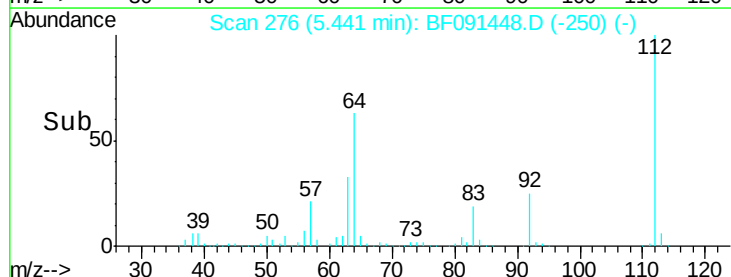


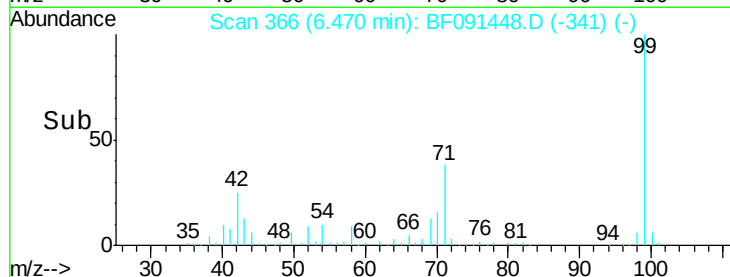
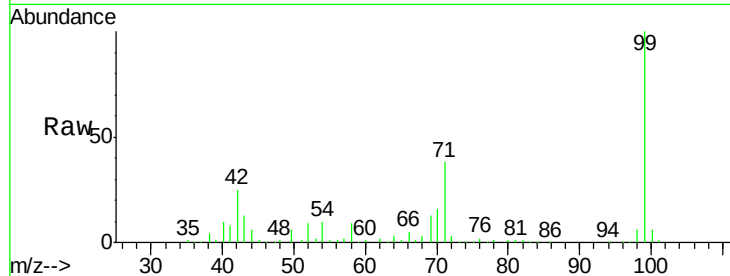
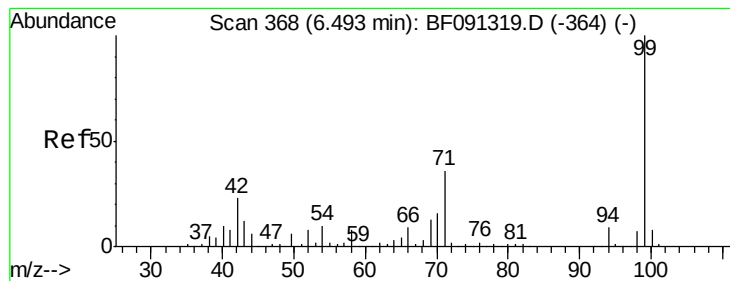
#5
 2-Fluorophenol
 Concen: 20.72 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: BF091448.D
 Acq: 6 Dec 2016 6:57

Tgt Ion:112 Resp: 185814
 Ion Ratio Lower Upper
 112 100
 64 62.7 61.5 92.3
 63 33.1 33.3 49.9#



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: 22.33 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

Instrument :

BNA_F

ClientSampleId :

SB-01DL

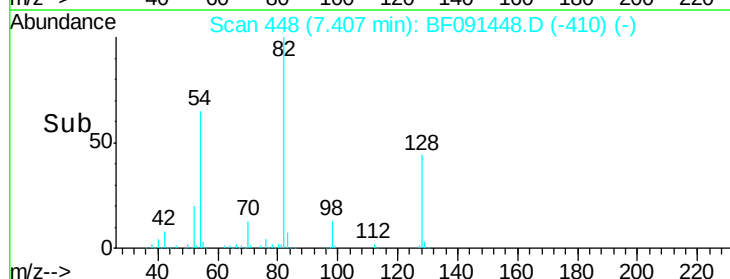
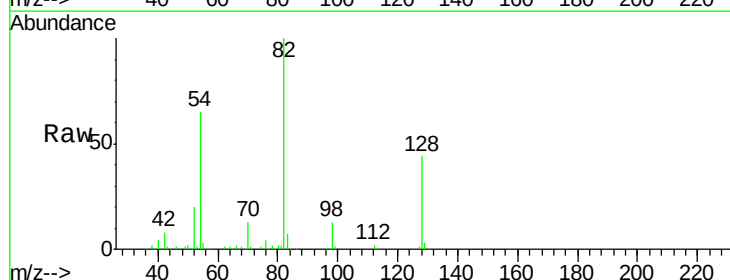
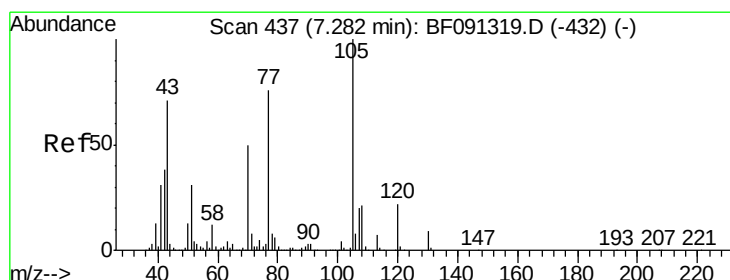
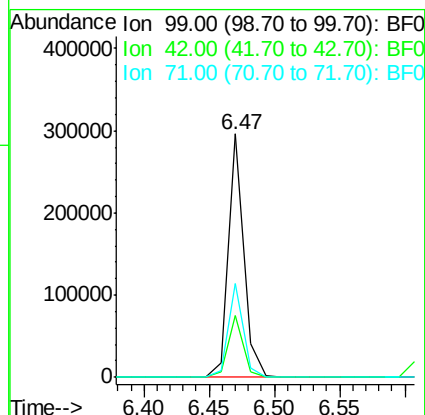
Tgt Ion: 99 Resp: 246525

Ion Ratio Lower Upper

99 100

42 25.3 20.6 31.0

71 38.5 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 3.12 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.14 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

Tgt Ion: 70 Resp: 21718

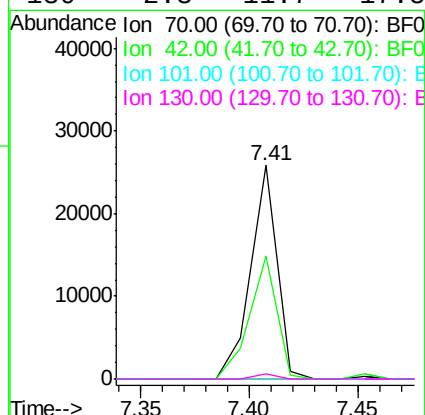
Ion Ratio Lower Upper

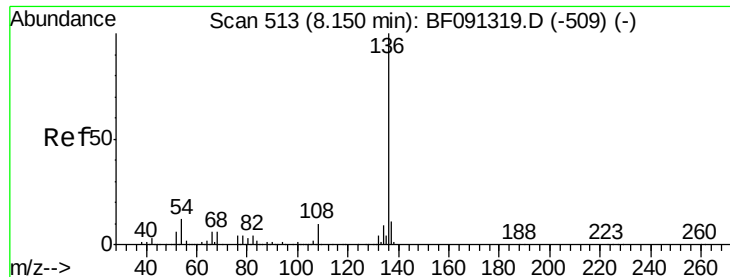
70 100

42 57.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.3 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

Instrument :

BNA_F

ClientSampleId :

SB-01DL

Tgt Ion: 136 Resp: 577571

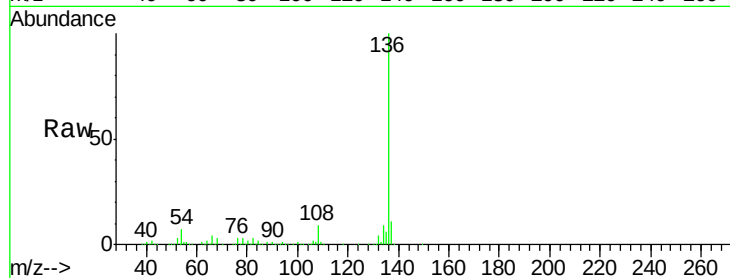
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.0 9.1 13.7#

68 3.3 5.9 8.9#

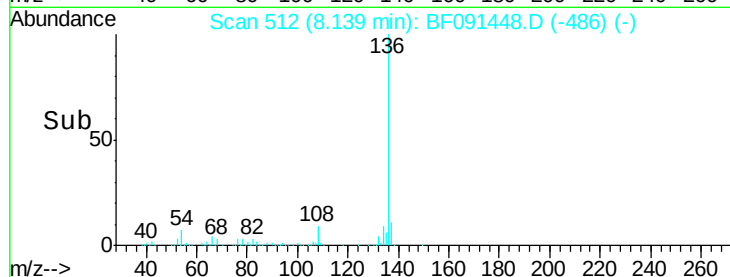


Abundance Ion 136.00 (135.70 to 136.70): E

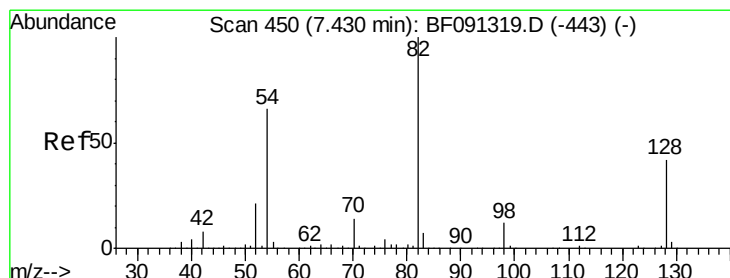
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 15.74 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

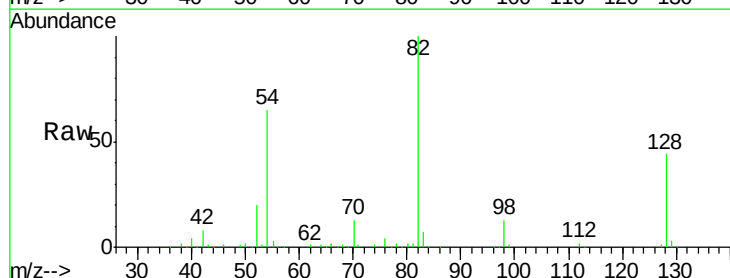
Tgt Ion: 82 Resp: 162254

Ion Ratio Lower Upper

82 100

128 44.1 31.8 47.6

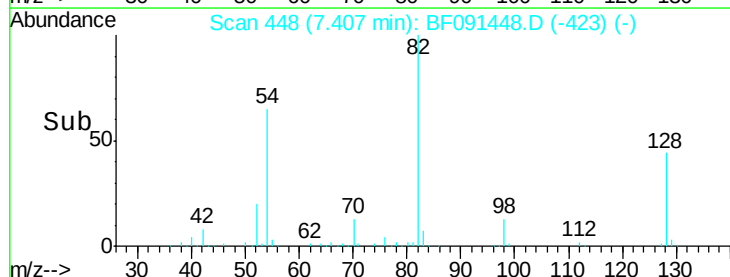
54 64.9 49.1 73.7



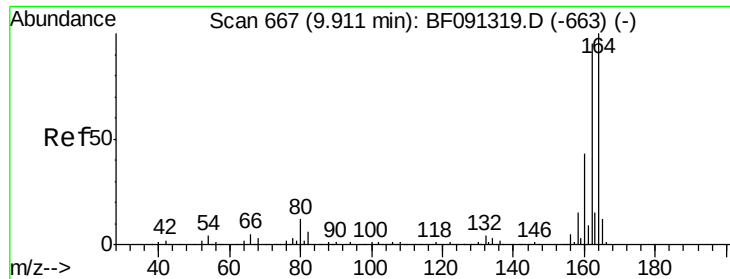
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



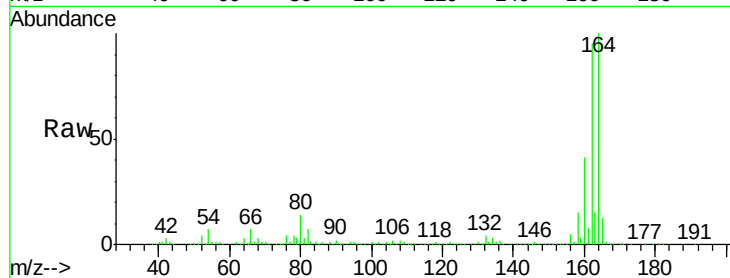
Time-->



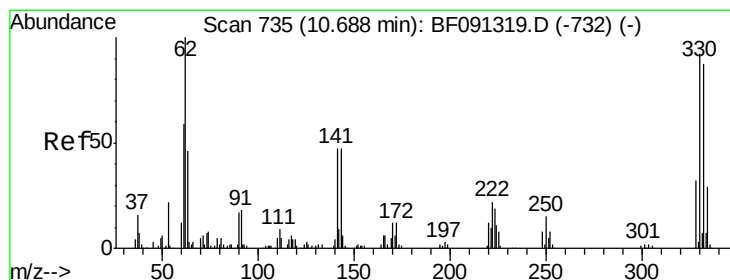
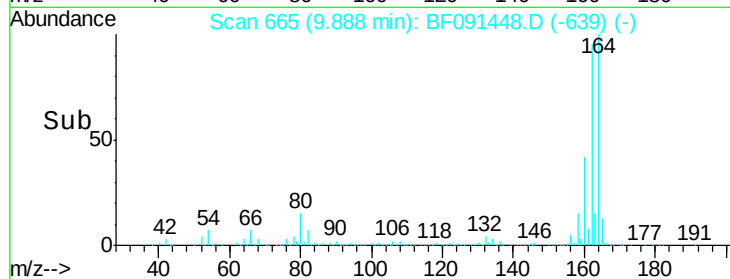
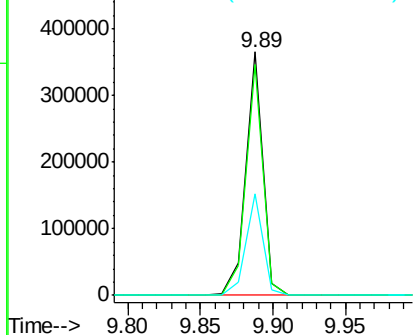
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091448.D
 Acq: 6 Dec 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-01DL

Tgt Ion:164 Resp: 297747
 Ion Ratio Lower Upper
 164 100
 162 94.8 82.6 124.0
 160 41.5 36.7 55.1

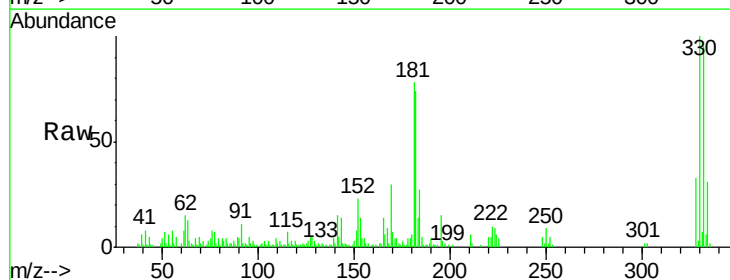


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

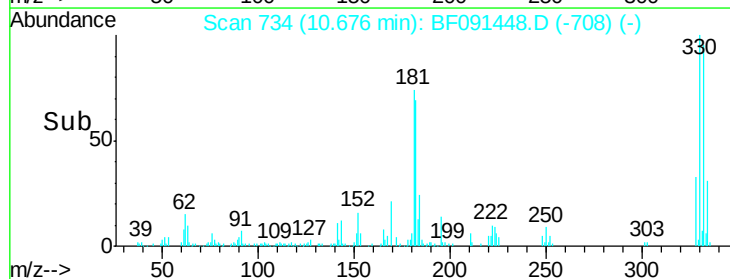
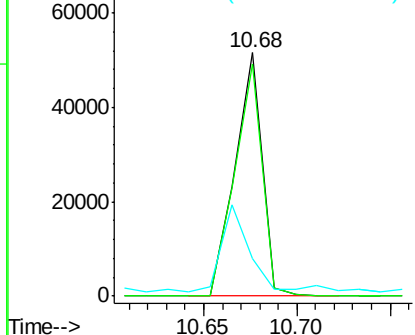


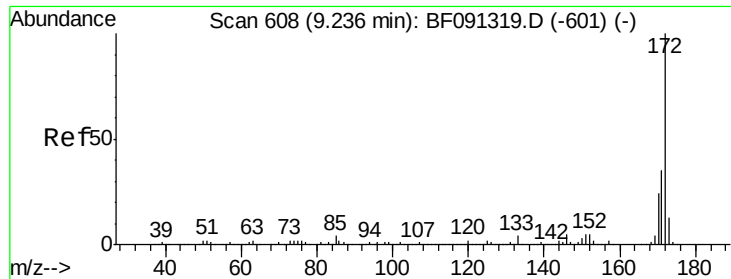
#41
 2,4,6-Tribromophenol
 Concen: 18.71 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091448.D
 Acq: 6 Dec 2016 6:57

Tgt Ion:330 Resp: 52727
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 36.1 33.6 50.4



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

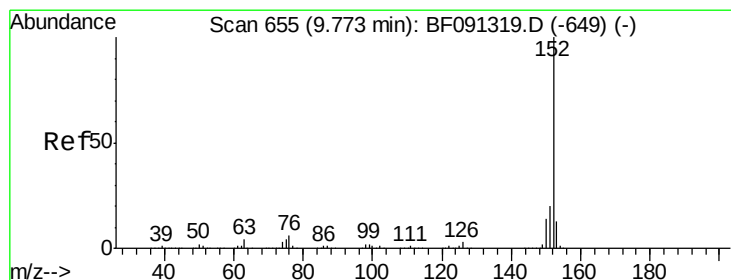
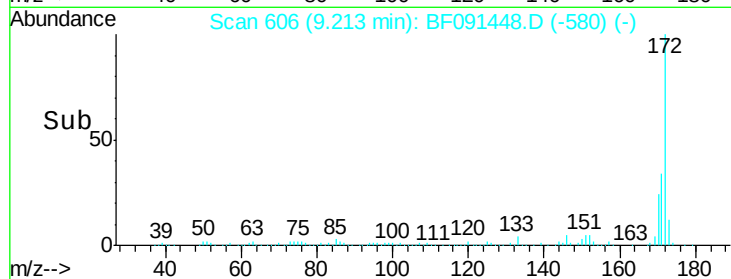
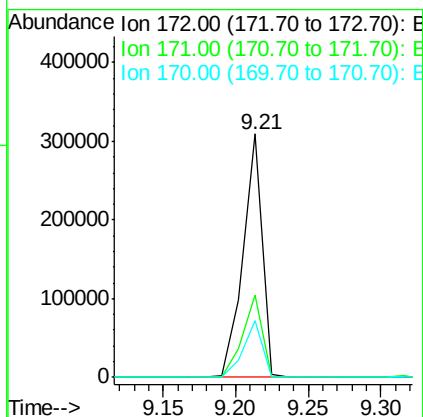
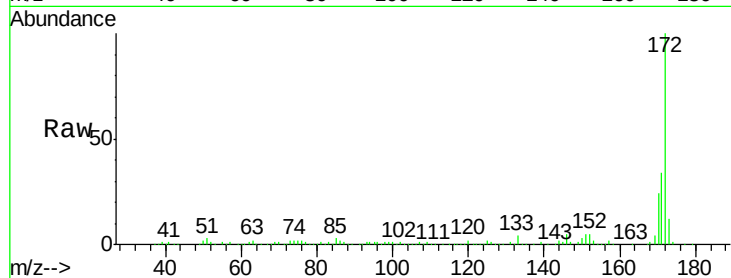




#44
2-Fluorobiphenyl
Concen: 17.32 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091448.D
Acq: 6 Dec 2016 6:57

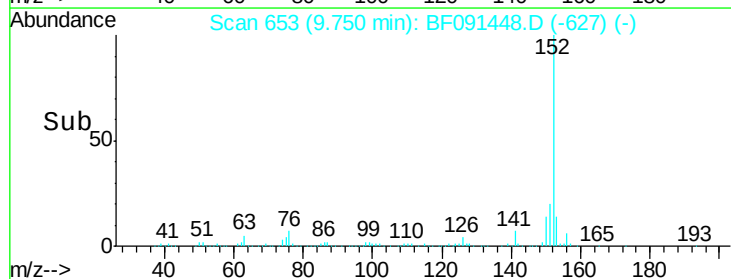
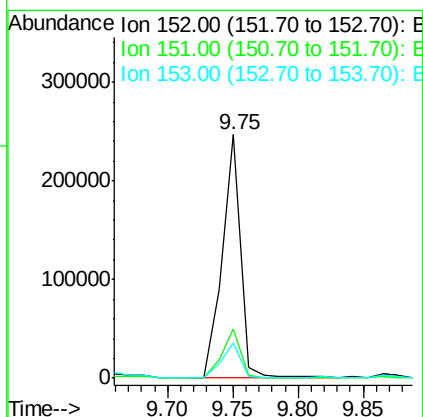
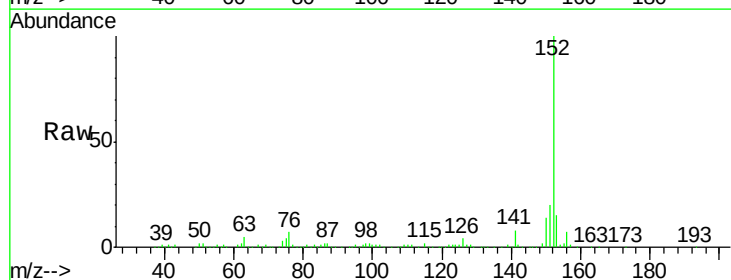
Instrument :
BNA_F
ClientSampleId :
SB-01DL

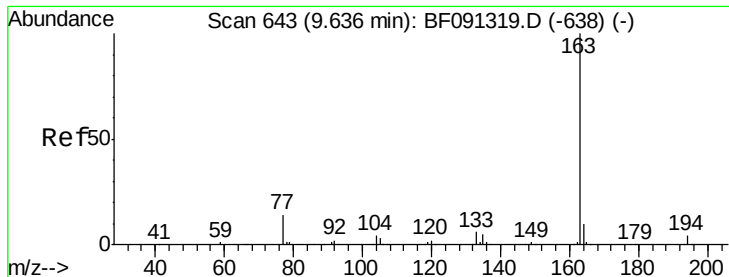
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.4	44.0
170	23.5	19.7	29.5



#48
Acenaphthylene
Concen: 9.86 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF091448.D
Acq: 6 Dec 2016 6:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	14.6	10.7	16.1





#49

Dimethylphthalate

Concen: 2.13 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

Instrument :

BNA_F

ClientSampleId :

SB-01DL

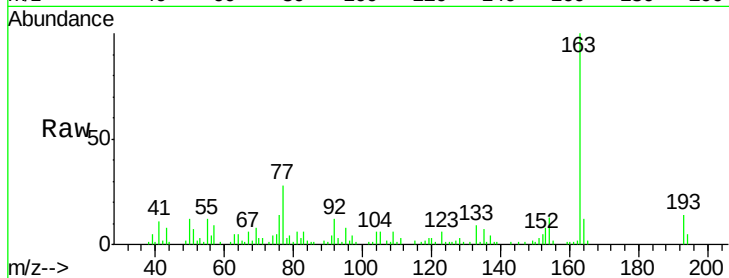
Tgt Ion:163 Resp: 38401

Ion Ratio Lower Upper

163 100

194 5.5 3.0 4.4#

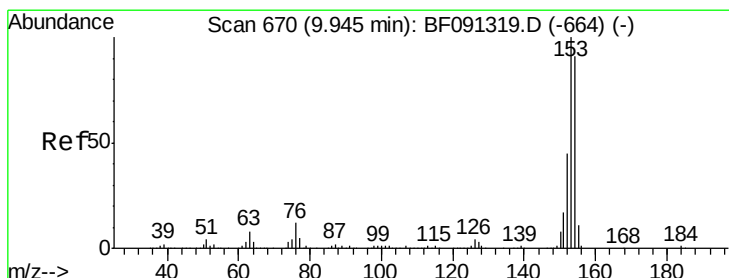
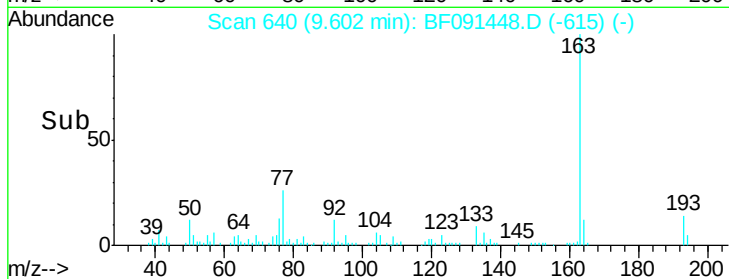
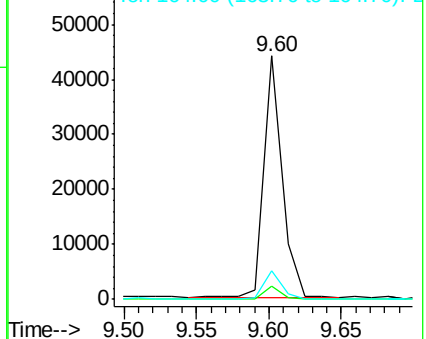
164 12.0 7.8 11.8#



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



#51

Acenaphthene

Concen: 3.35 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

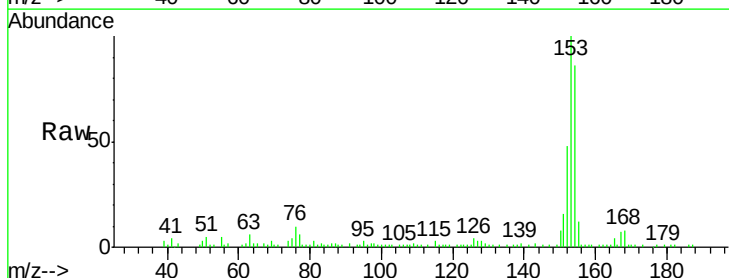
Tgt Ion:154 Resp: 56782

Ion Ratio Lower Upper

154 100

153 116.9 91.0 136.6

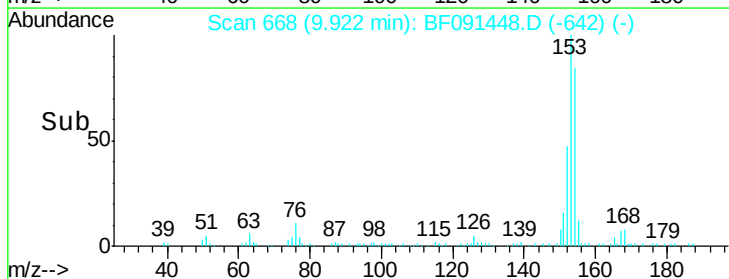
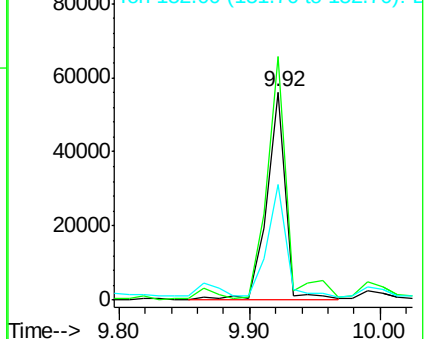
152 55.8 44.2 66.2

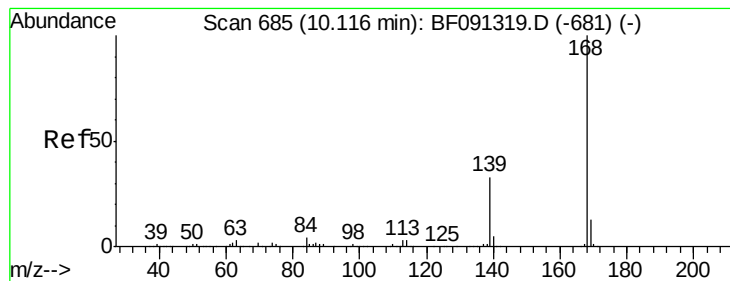


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 3.59 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

Instrument :

BNA_F

ClientSampleId :

SB-01DL

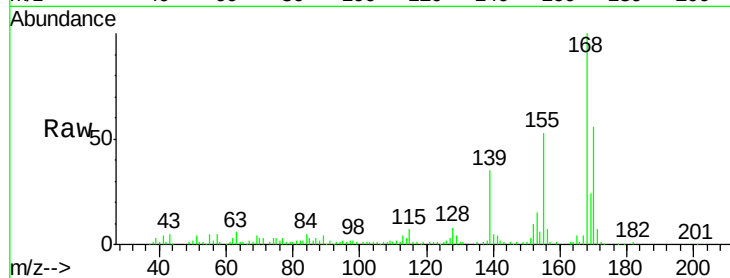
Tgt Ion:168 Resp: 81305

Ion Ratio Lower Upper

168 100

139 35.2 33.4 50.2

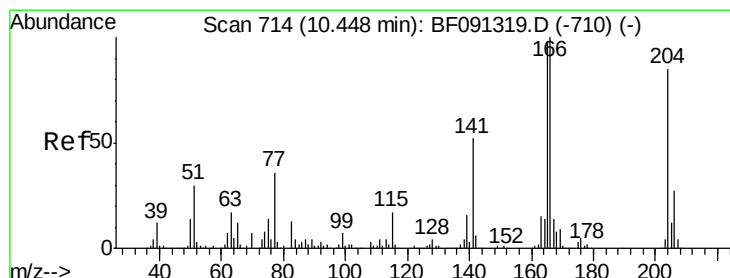
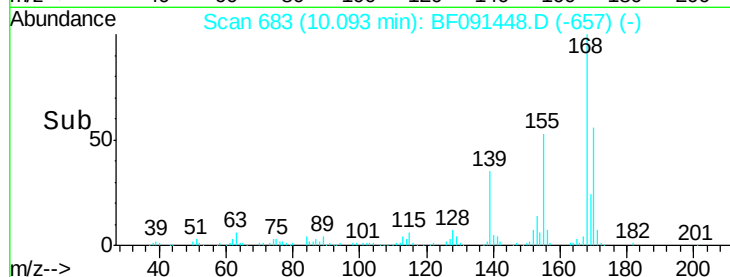
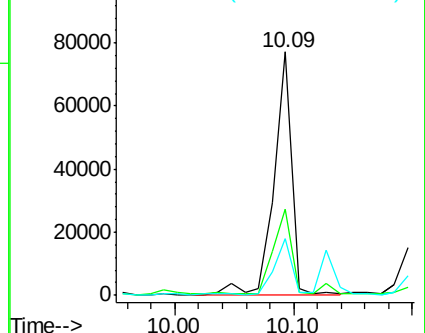
169 23.6 11.1 16.7#



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



#57

Fluorene

Concen: 11.51 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF091448.D

Acq: 6 Dec 2016 6:57

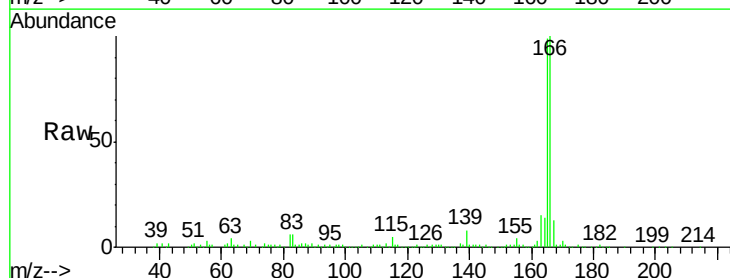
Tgt Ion:166 Resp: 200342

Ion Ratio Lower Upper

166 100

165 99.5 80.0 120.0

167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

