

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090622.D
 Acq On : 17 Oct 2016 21:57
 Operator : UM/SJ
 Sample : H5192-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Quant Time: Oct 18 01:46:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

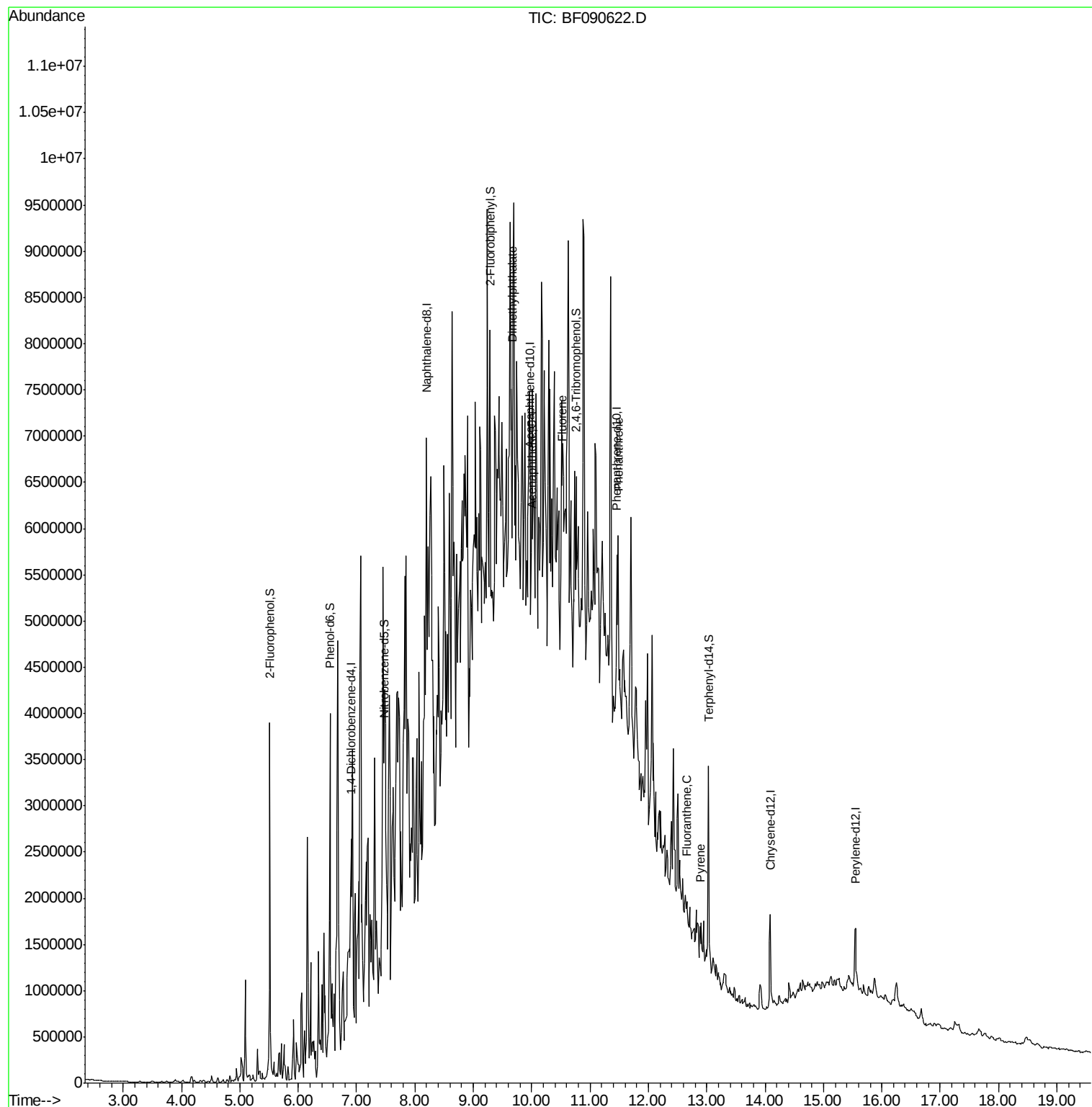
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	197731	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	735086	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	357213	20.00	ng	0.01
63) Phenanthrene-d10	11.46	188	562245	20.00	ng	0.01
75) Chrysene-d12	14.09	240	444177	20.00	ng	0.00
86) Perylene-d12	15.55	264	393861	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1063151	98.57	ng	0.00
7) Phenol-d6	6.54	99	1518185	94.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	929523	70.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	238444	74.87	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1394175	64.31	ng	0.01
78) Terphenyl-d14	13.04	244	1049253	55.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	319661	13.79	ng	# 89
51) Acenaphthene	9.99	154	176869	8.24	ng	# 88
57) Fluorene	10.52	166	337499	14.50	ng	# 91
70) Phenanthrene	11.48	178	953754	31.78	ng	97
74) Fluoranthene	12.66	202	102105	3.38	ng	83
77) Pyrene	12.89	202	162696	5.53	ng	# 95

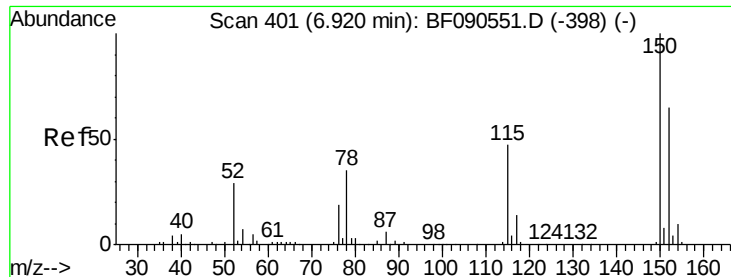
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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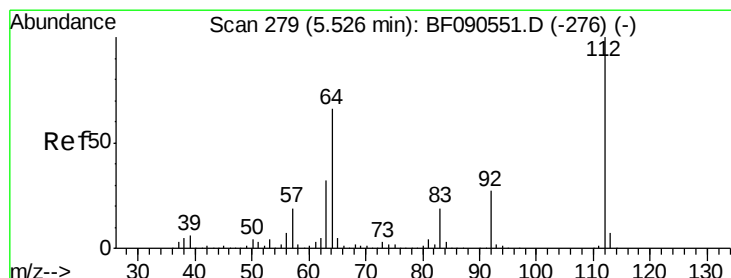
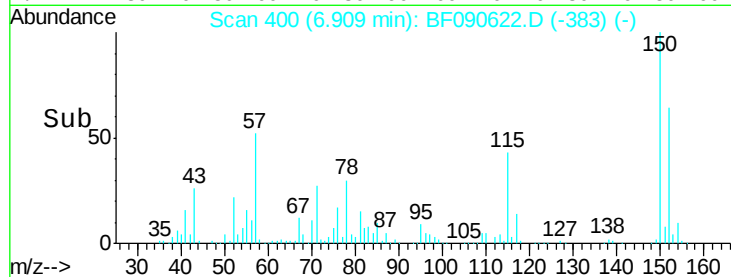
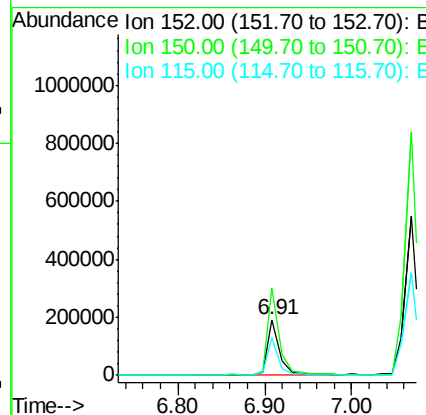
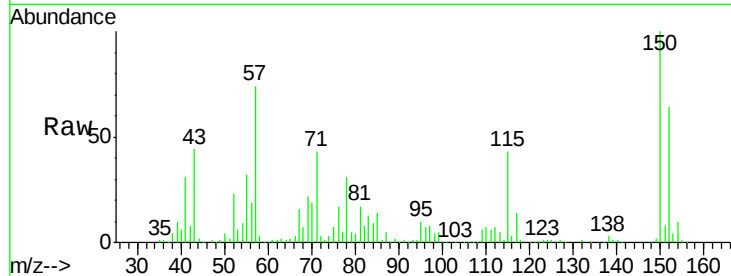


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

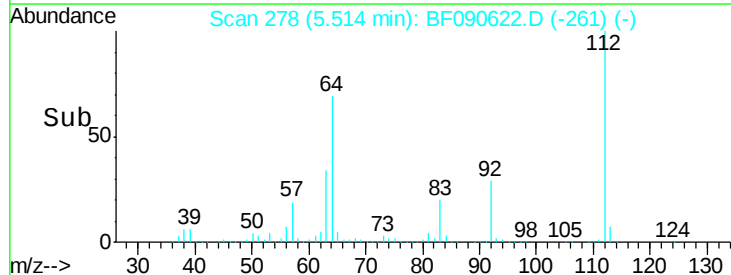
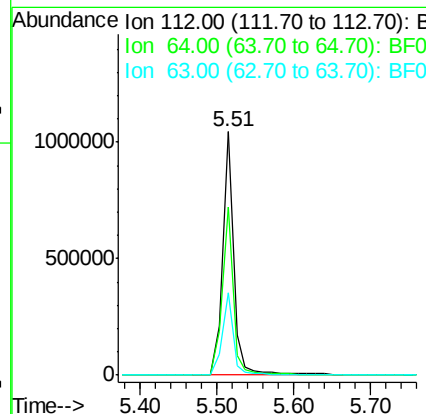
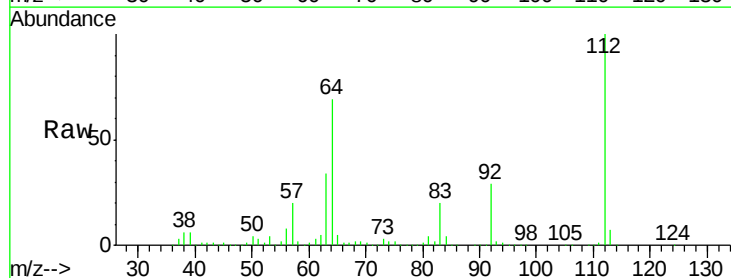
Tot Ion:152 Resp: 197731
Ion Ratio Lower Upper
152 100
150 157.5 127.2 190.8
115 67.7 58.6 88.0

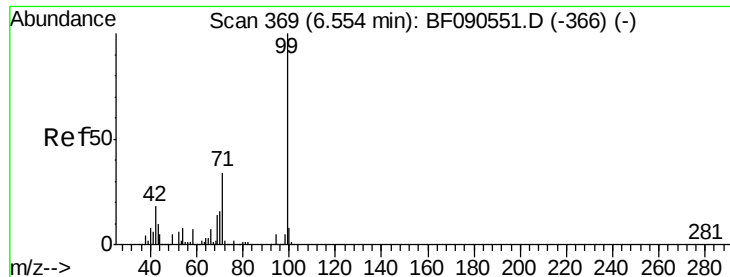


#5

2-Fluorophenol
Concen: 98.57 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:112 Resp: 1063151
Ion Ratio Lower Upper
112 100
64 69.0 52.6 78.8
63 33.7 26.0 39.0





#7

Phenol-d6

Concen: 94.73 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

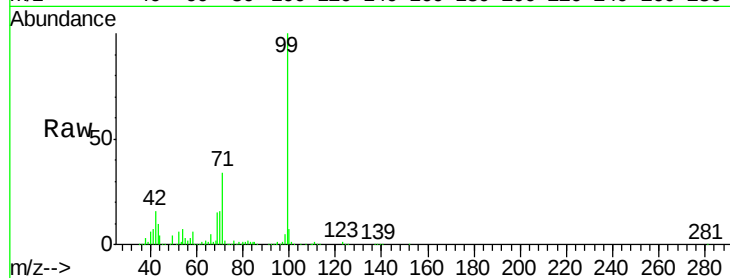
Tot Ion: 99 Resp: 1518185

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

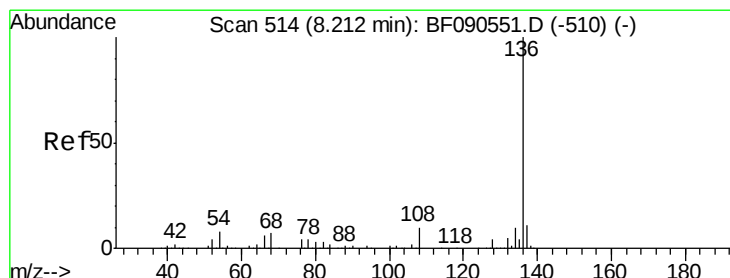
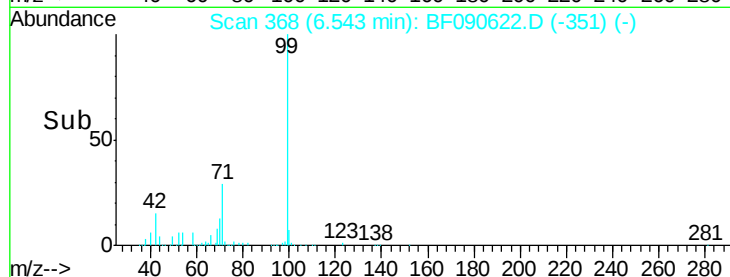
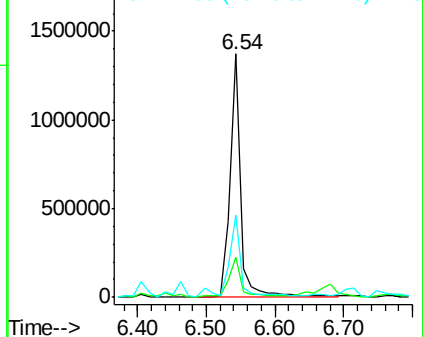
71 33.6 27.6 41.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Tgt Ion: 136 Resp: 735086

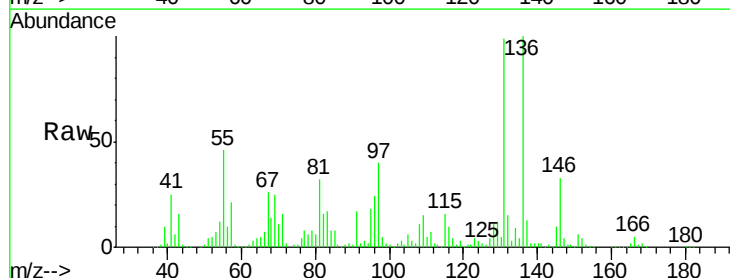
Ion Ratio Lower Upper

136 100

137 13.3 8.8 13.2#

54 11.9 6.8 10.2#

68 13.8 6.0 9.0#

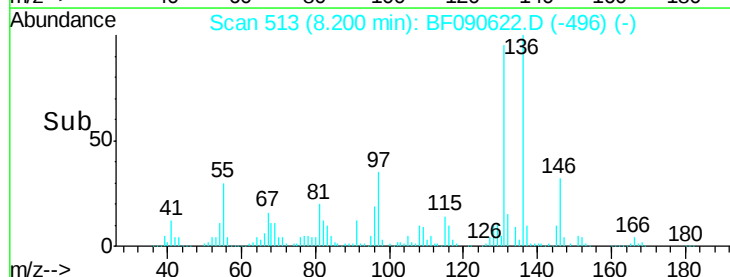
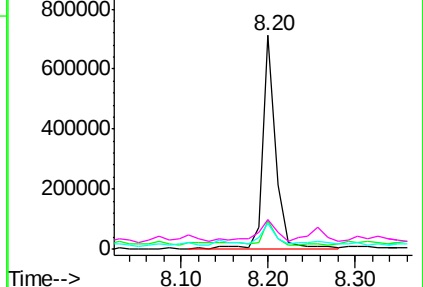


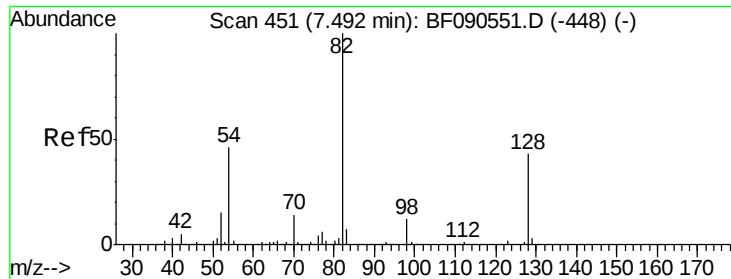
Abundance Ion 136.00 (135.70 to 136.70): E

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

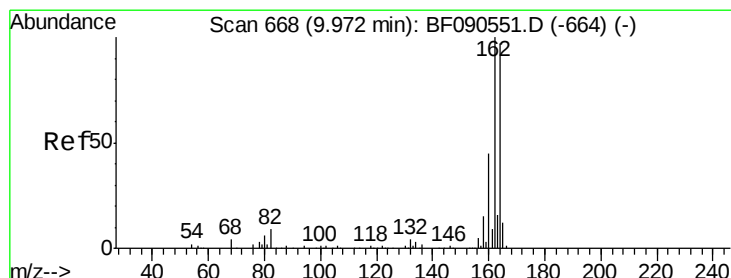
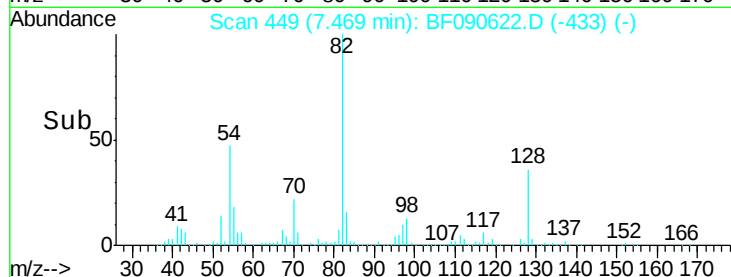
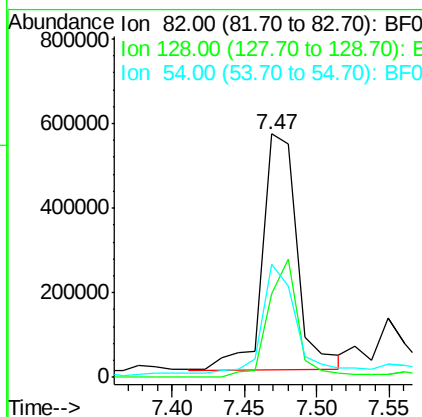
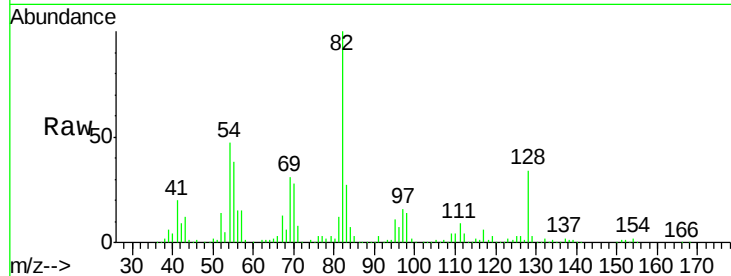




#23
Nitrobenzene-d5
Concen: 70.24 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

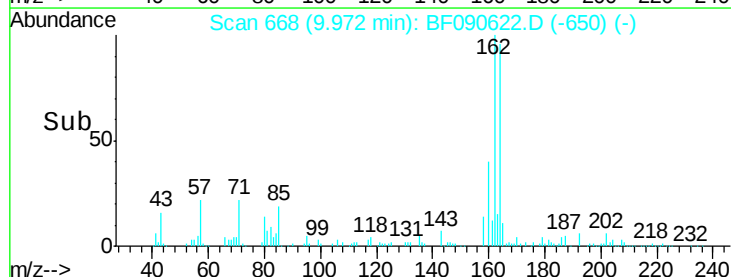
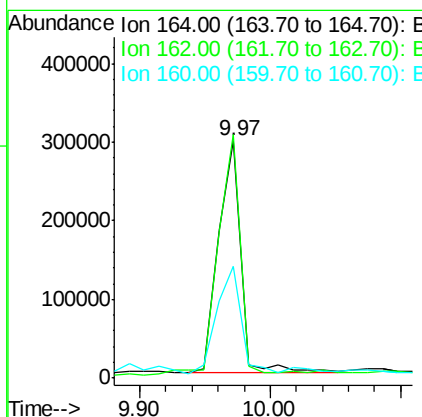
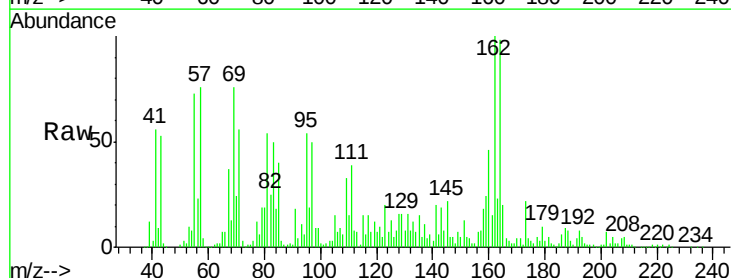
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

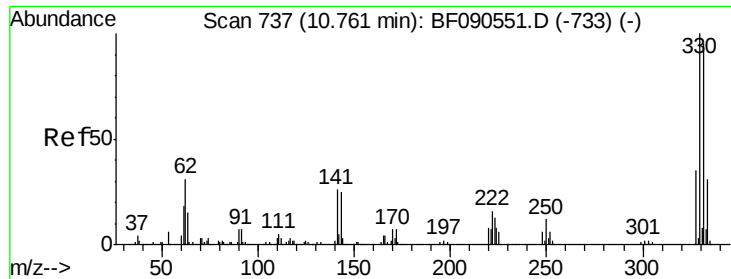
Tot Ion	82	Resp	929523
Ion Ratio	Lower	Upper	
82	100		
128	34.5	34.3	51.5
54	46.7	37.0	55.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion	164	Resp	357213
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.2	123.4
160	47.2	36.6	55.0

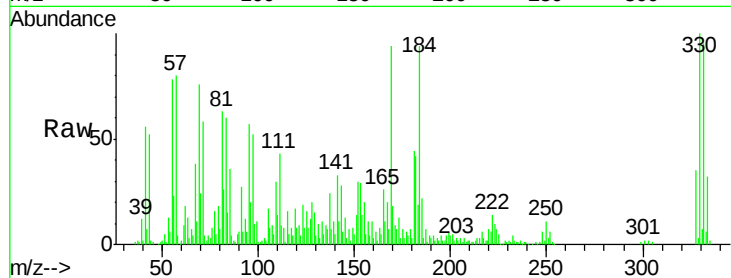




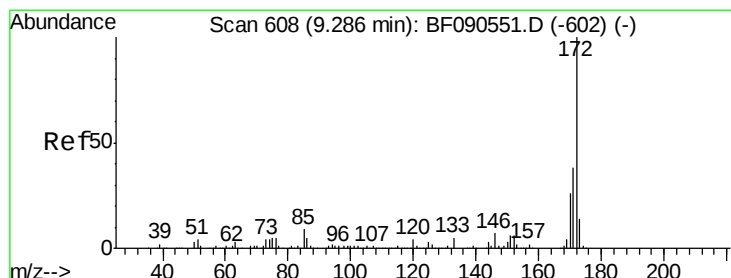
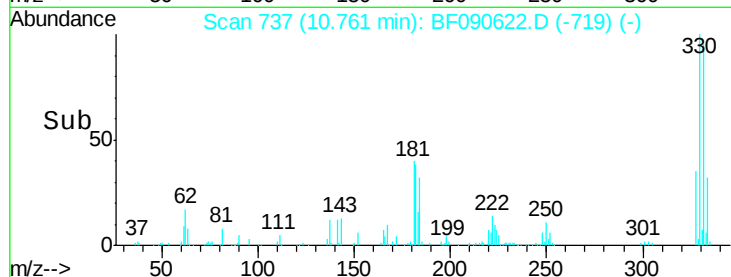
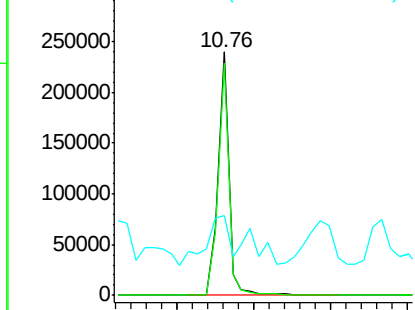
#41
 2,4,6-Tribromophenol
 Concen: 74.87 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(11-13)

Tot Ion:330 Resp: 238444
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.2
 141 46.8 31.4 47.2

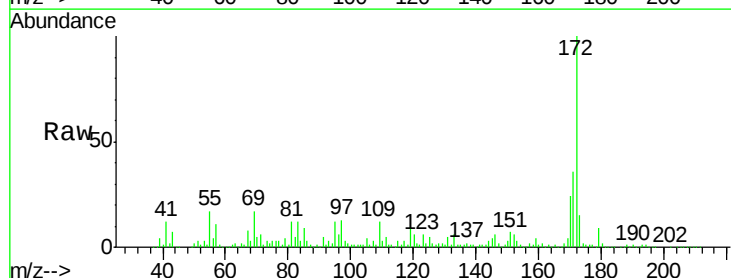


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

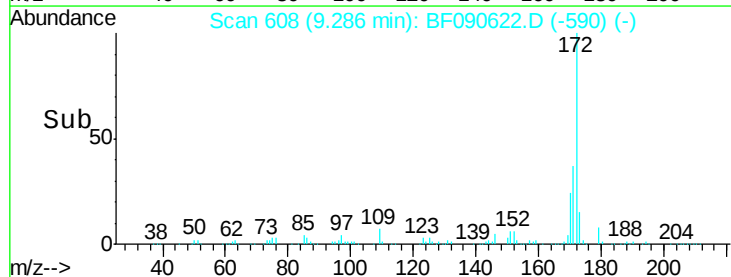
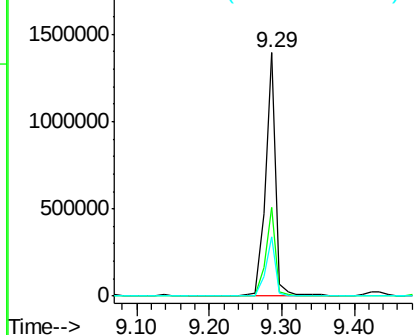


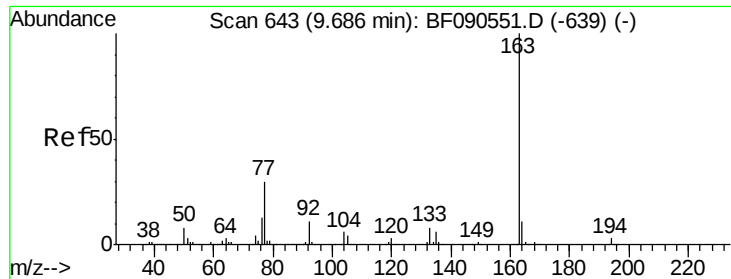
#44
 2-Fluorobiphenyl
 Concen: 64.31 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF090622.D
 Acq: 17 Oct 2016 21:57

Tgt Ion:172 Resp: 1394175
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 24.4 20.6 30.8



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

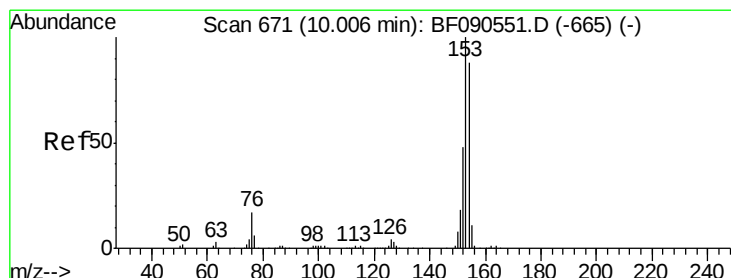
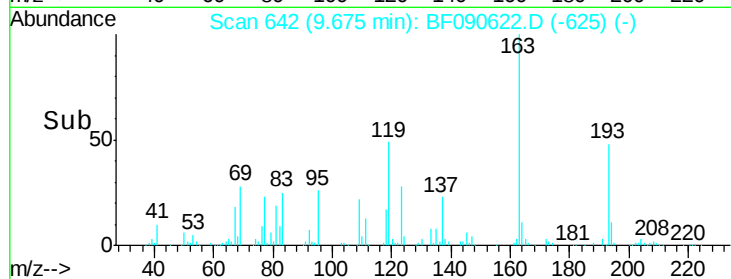
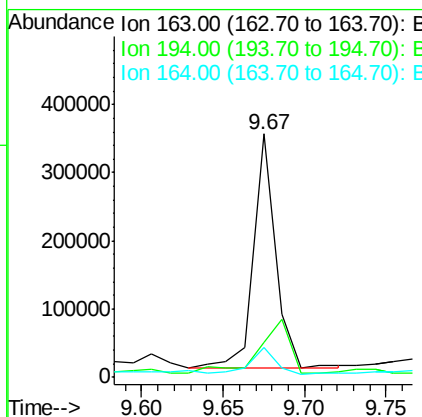
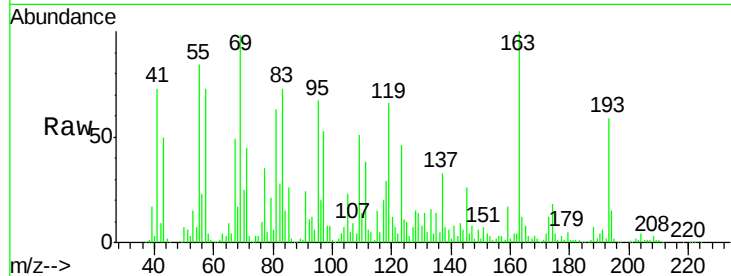




#49
Dimethylphthalate
Concen: 13.79 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

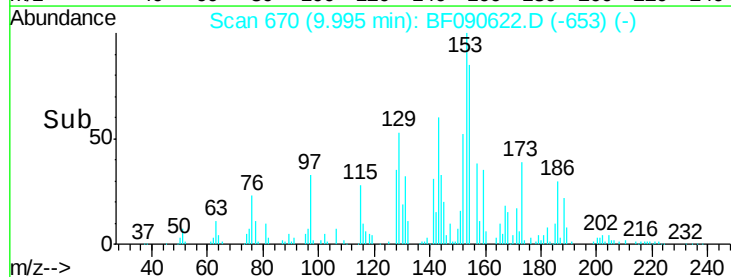
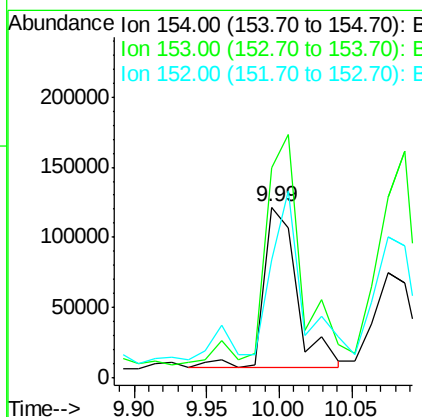
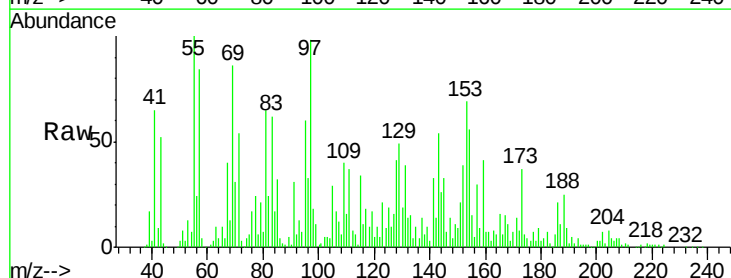
Instrument :
BNA_F
ClientSampleId :
MJSB-18(11-13)

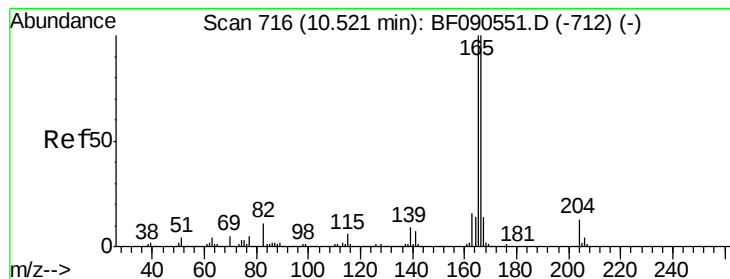
Tot Ion:163 Resp: 319661
Ion Ratio Lower Upper
163 100
194 14.6 2.3 3.5#
164 12.3 8.6 13.0



#51
Acenaphthene
Concen: 8.24 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090622.D
Acq: 17 Oct 2016 21:57

Tgt Ion:154 Resp: 176869
Ion Ratio Lower Upper
154 100
153 122.7 91.2 136.8
152 69.0 44.0 66.0#





#57

Fluorene

Concen: 14.50 ng

RT: 10.52 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

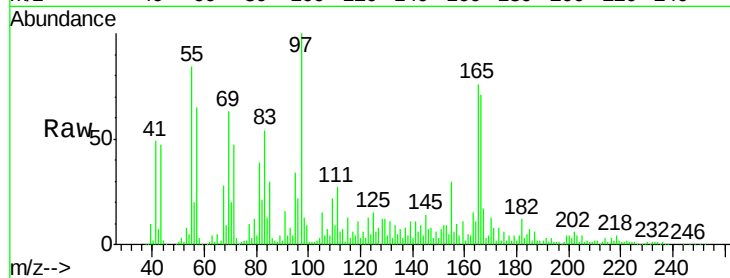
Tot Ion:166 Resp: 337499

Ion Ratio Lower Upper

166 100

165 106.8 79.9 119.9

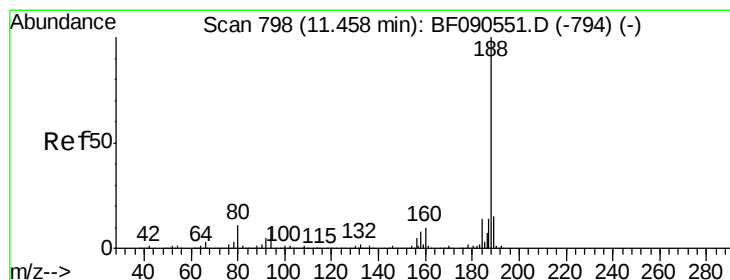
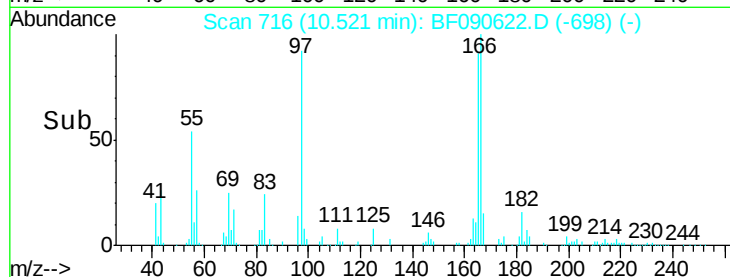
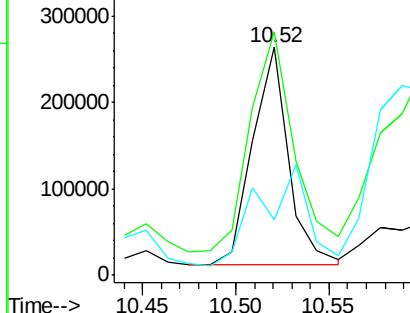
167 24.5 10.9 16.3#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

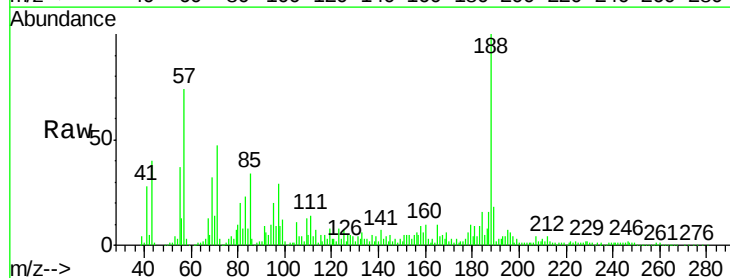
Tgt Ion:188 Resp: 562245

Ion Ratio Lower Upper

188 100

94 9.7 7.7 11.5

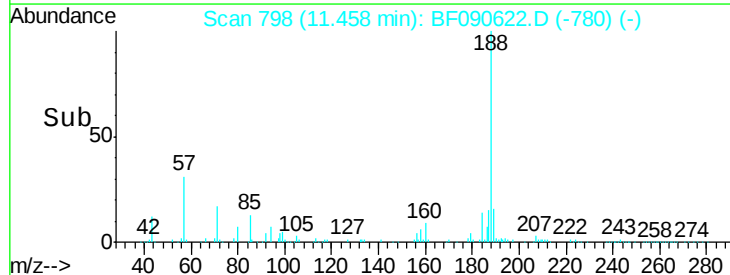
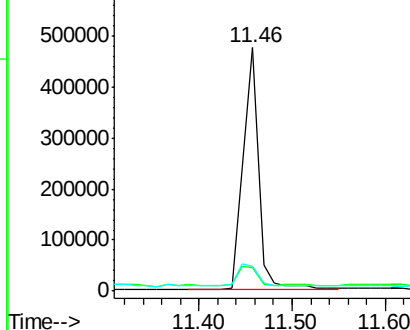
80 9.9 8.6 12.8

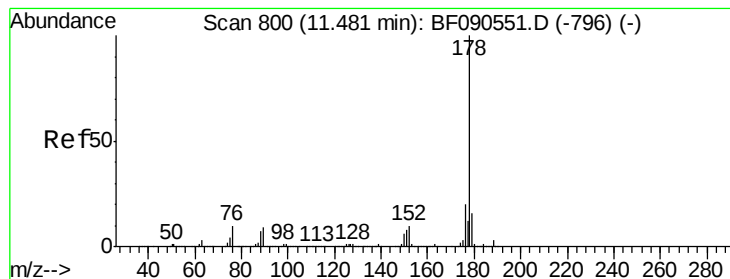


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 31.78 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

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MJSB-18(11-13)

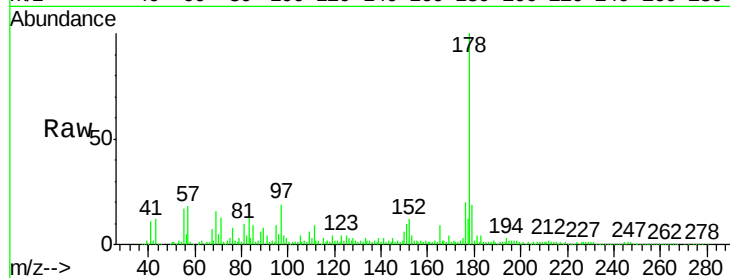
Tot Ion:178 Resp: 953754

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

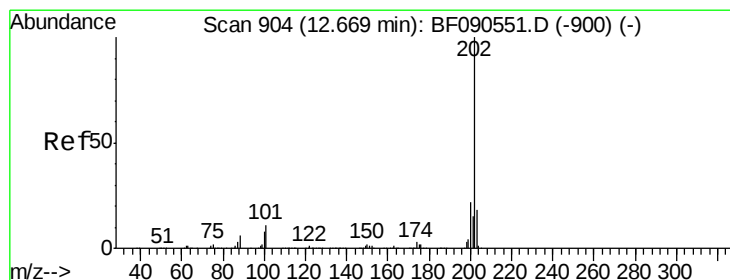
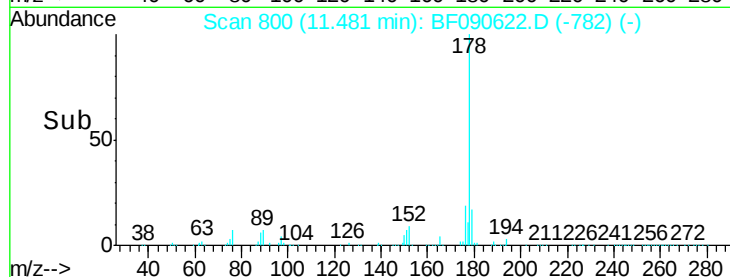
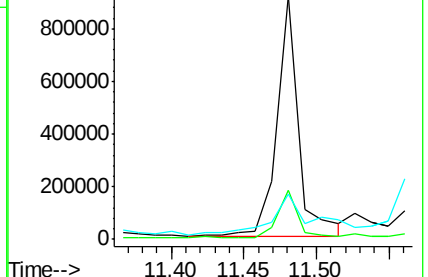
179 18.7 12.6 19.0



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



#74

Fluoranthene

Concen: 3.38 ng

RT: 12.66 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

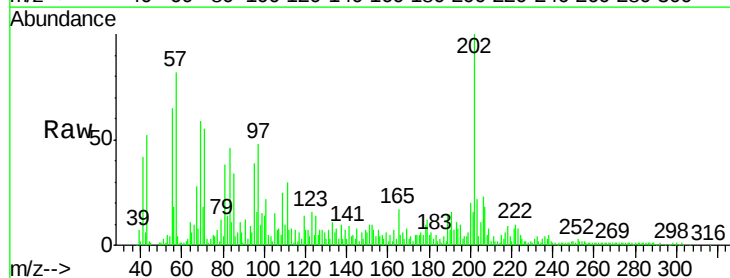
Tgt Ion:202 Resp: 102105

Ion Ratio Lower Upper

202 100

101 22.4 0.0 31.1

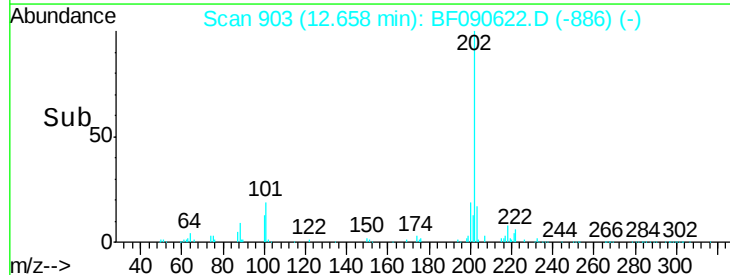
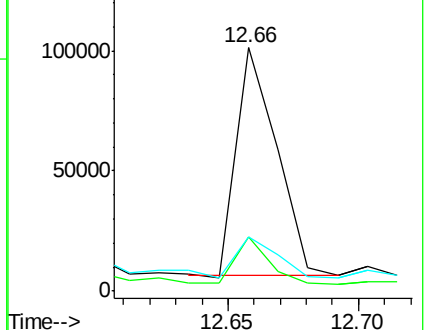
203 22.1 0.0 38.0

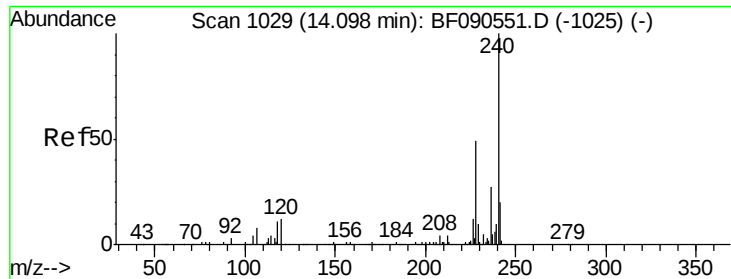


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

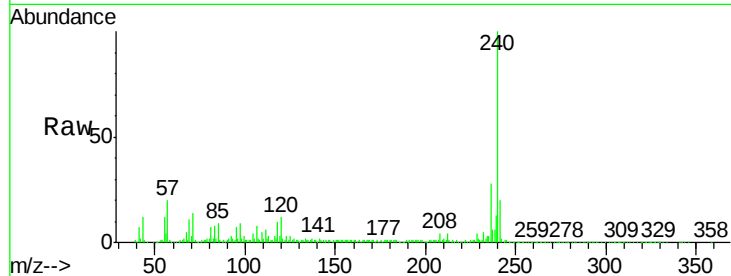
Tot Ion:240 Resp: 444177

Ion Ratio Lower Upper

240 100

120 11.8 9.8 14.8

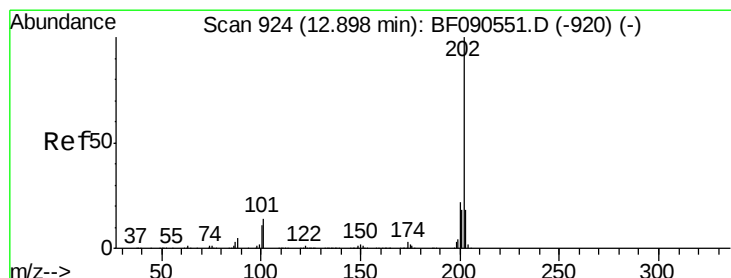
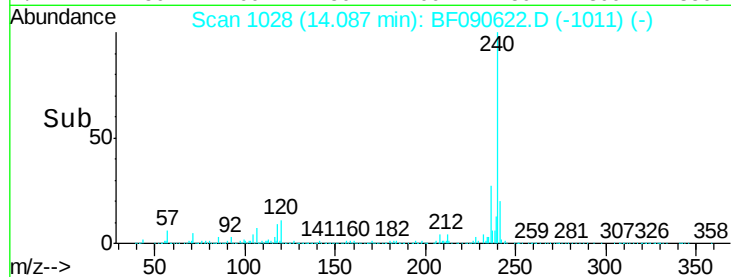
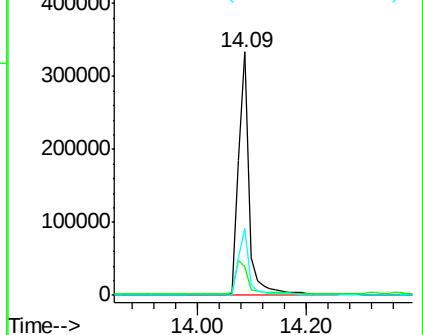
236 27.5 21.7 32.5



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



#77

Pyrene

Concen: 5.53 ng

RT: 12.89 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

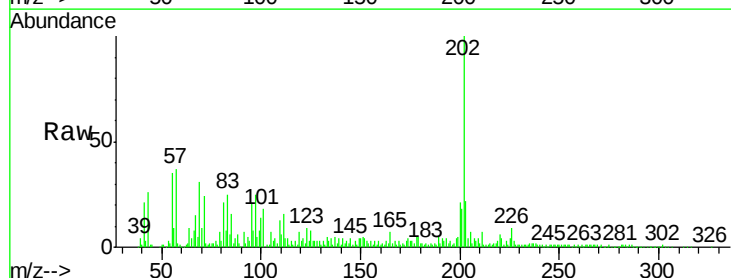
Tgt Ion:202 Resp: 162696

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

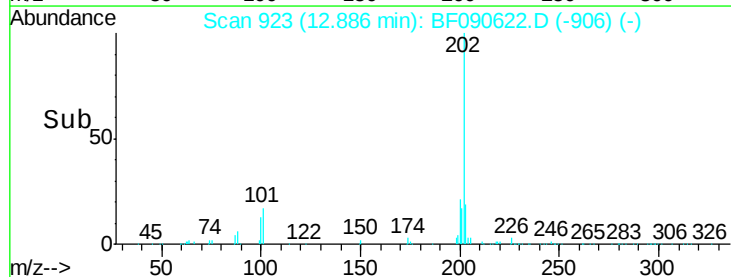
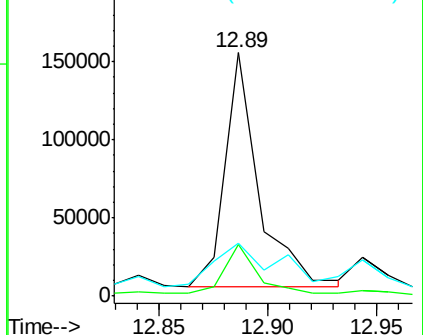
203 21.9 14.6 21.8#

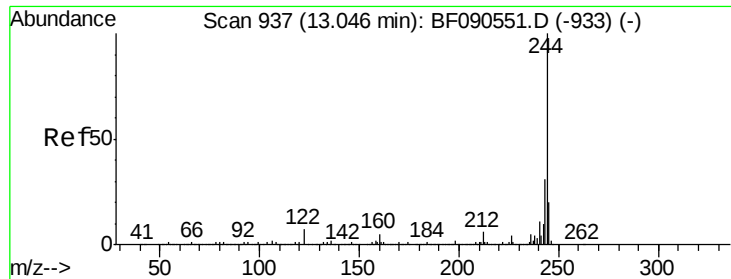


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.00 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

MJSB-18(11-13)

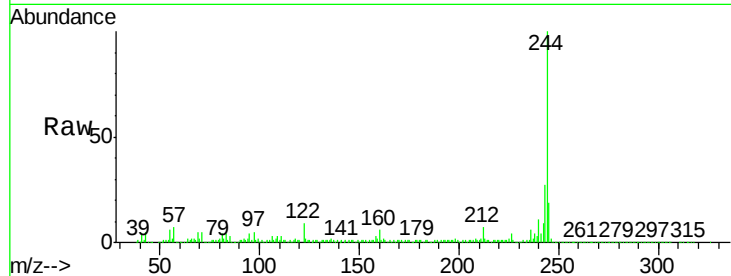
Tot Ion:244 Resp: 1049253

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

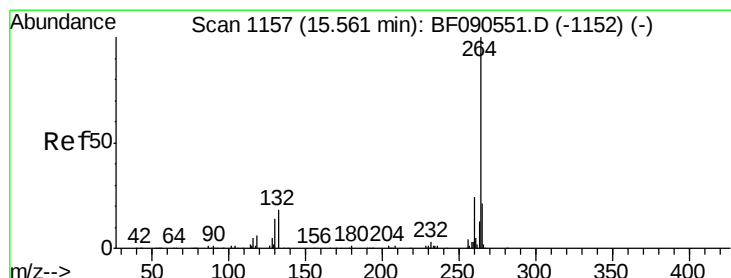
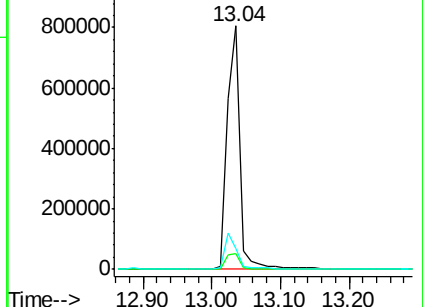
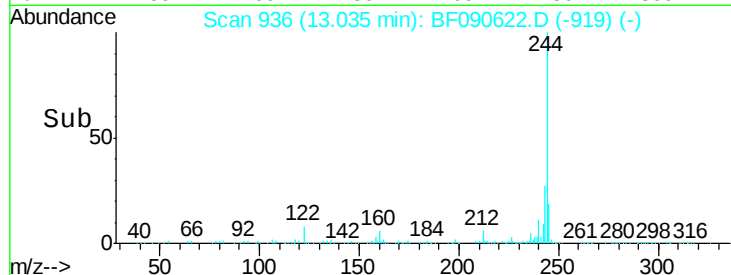
122 8.6 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF090622.D

Acq: 17 Oct 2016 21:57

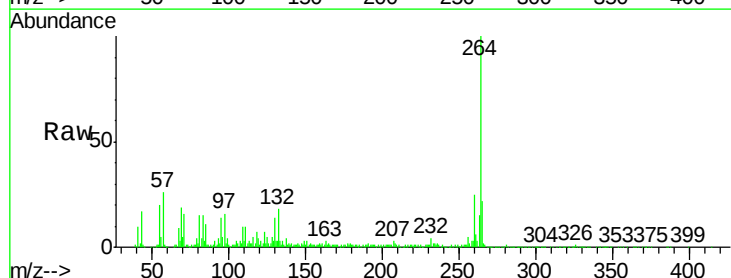
Tgt Ion:264 Resp: 393861

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.6 16.7 25.1



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

