

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090609.D
 Acq On : 17 Oct 2016 16:00
 Operator : UM/SJ
 Sample : H5157-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)RE

Quant Time: Oct 17 16:41:21 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 15:58:48 2016
 Response via : Initial Calibration

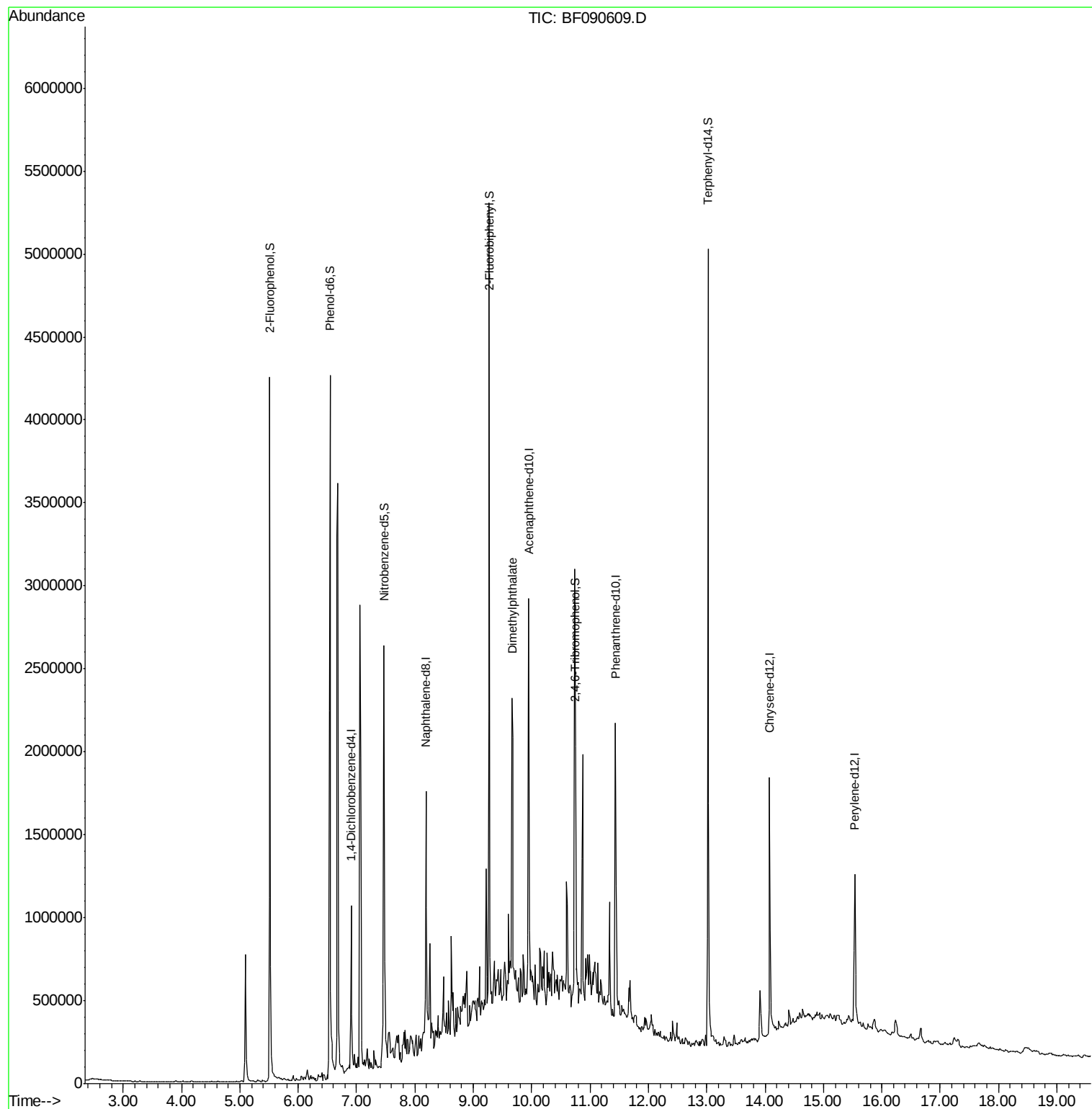
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	196537	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	837496	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	467798	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	776052	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	627612	20.00	ng	-0.01
86) Perylene-d12	15.54	264	440150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1286707	120.02	ng	0.01
7) Phenol-d6	6.54	99	1954344	122.68	ng	0.00
23) Nitrobenzene-d5	7.47	82	1056435	70.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	441553	105.87	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1732893	61.04	ng	0.00
78) Terphenyl-d14	13.02	244	1686142	62.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	550520	18.14	ng	Qvalue # 99

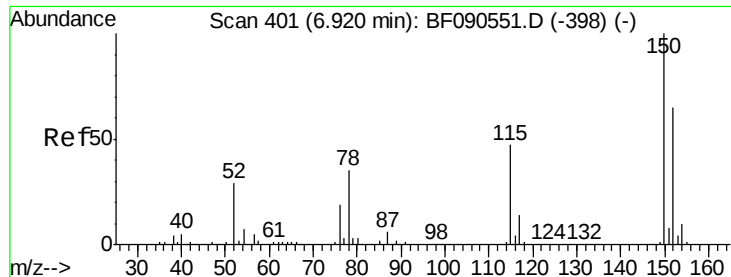
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

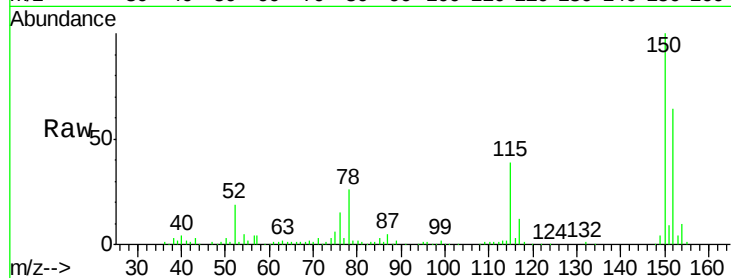
Tot Ion:152 Resp: 196537

Ion Ratio Lower Upper

152 100

150 155.4 127.2 190.8

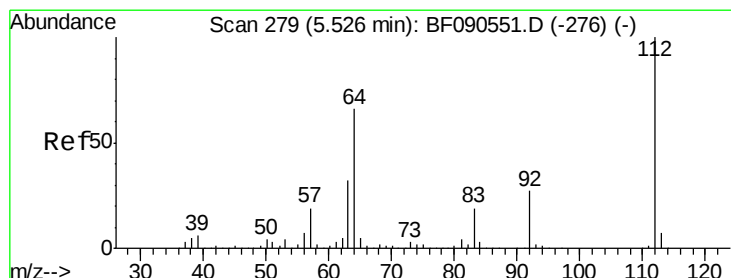
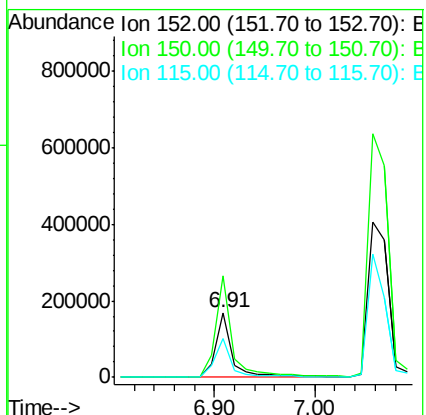
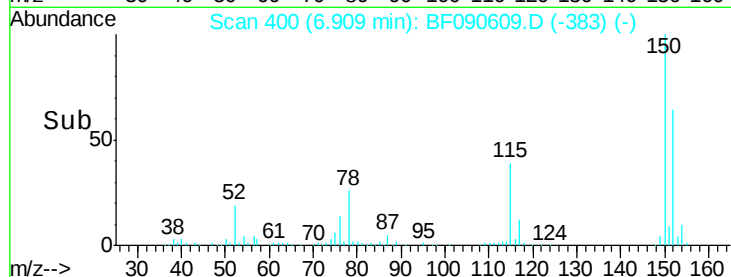
115 60.3 58.6 88.0



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: 120.02 ng

RT: 5.51 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

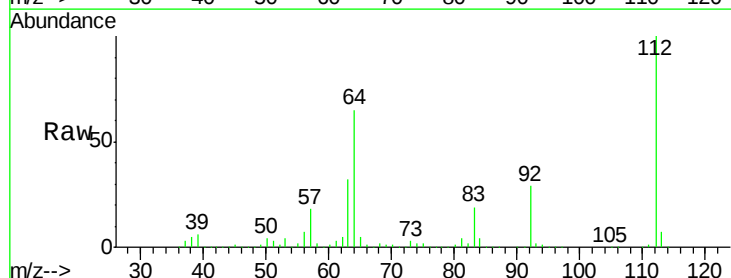
Tgt Ion:112 Resp: 1286707

Ion Ratio Lower Upper

112 100

64 65.3 52.6 78.8

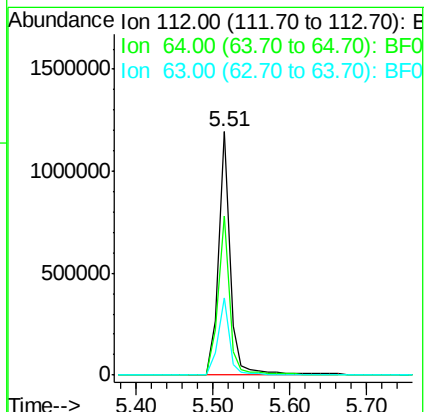
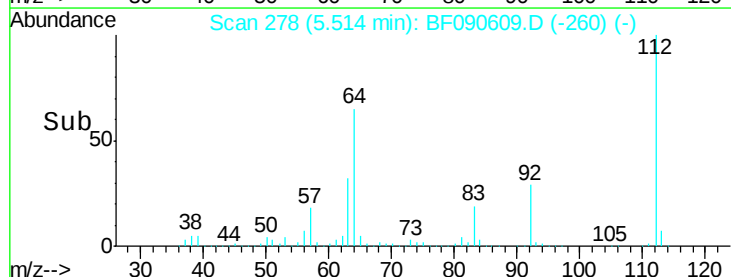
63 31.9 26.0 39.0

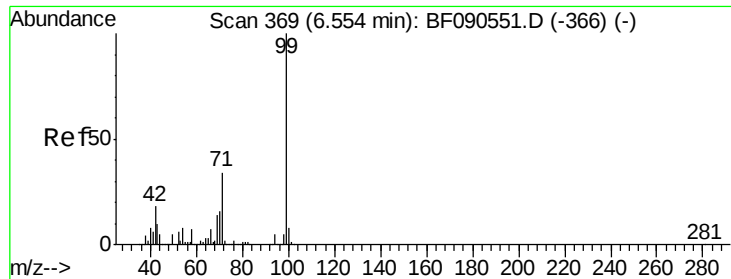


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.68 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

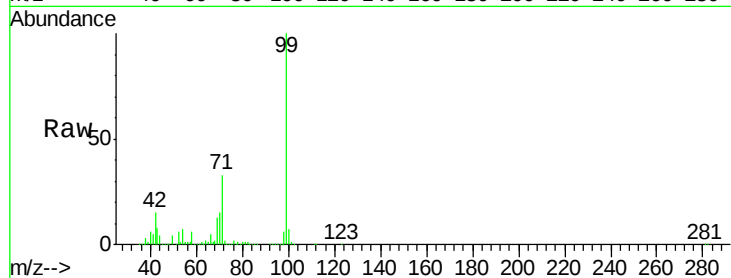
Tot Ion: 99 Resp: 1954344

Ion Ratio Lower Upper

99 100

42 15.4 14.7 22.1

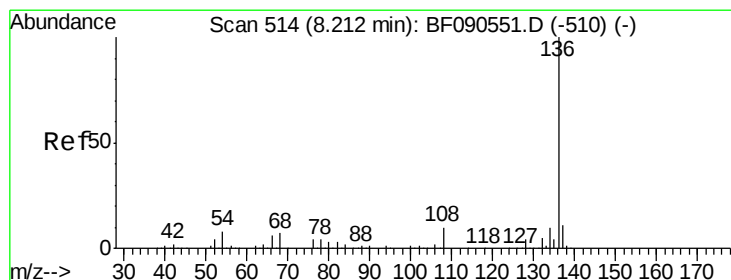
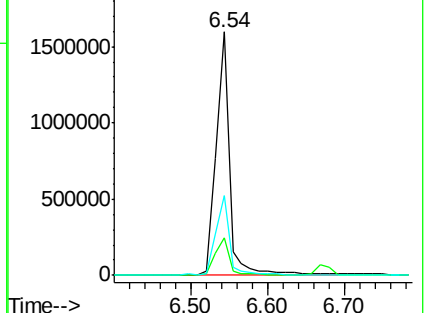
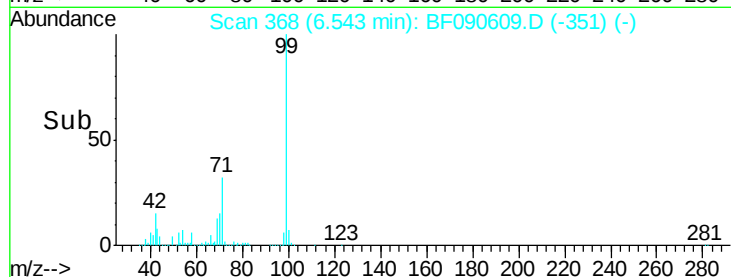
71 32.5 27.6 41.4



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: 8.19 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Tgt Ion: 136 Resp: 837496

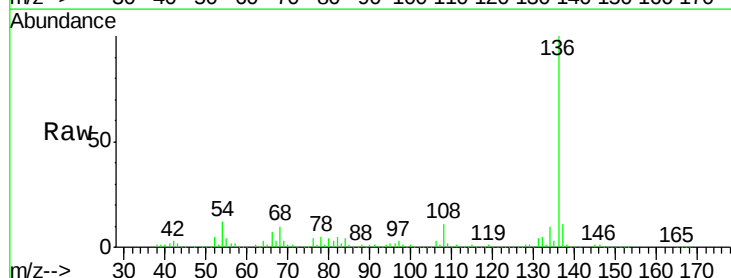
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 11.9 6.8 10.2#

68 10.5 6.0 9.0#

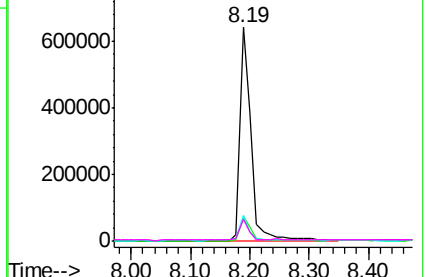
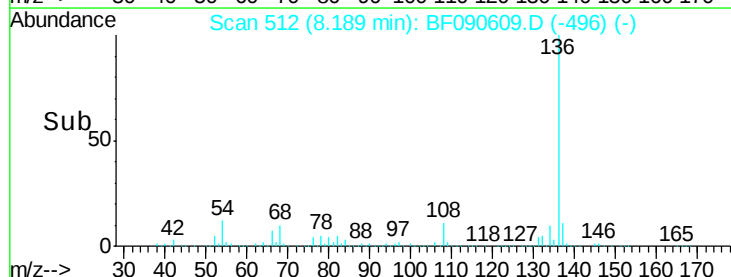


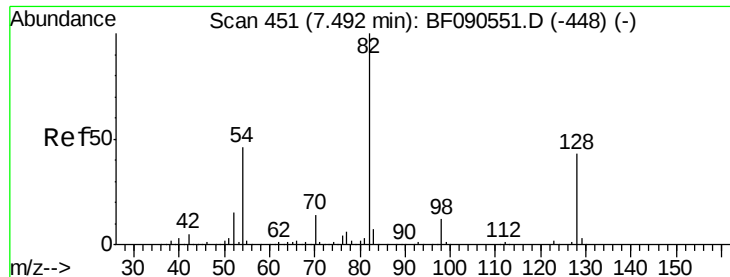
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.07 ng

RT: 7.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

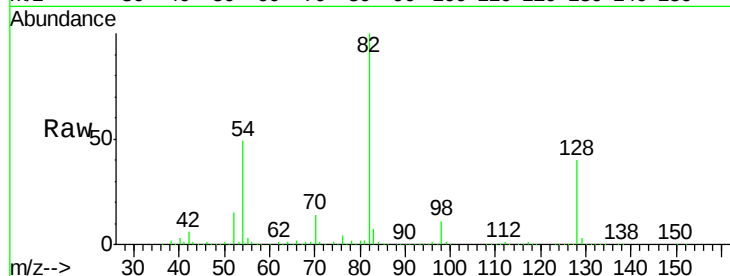
Tot Ion: 82 Resp: 1056435

Ion Ratio Lower Upper

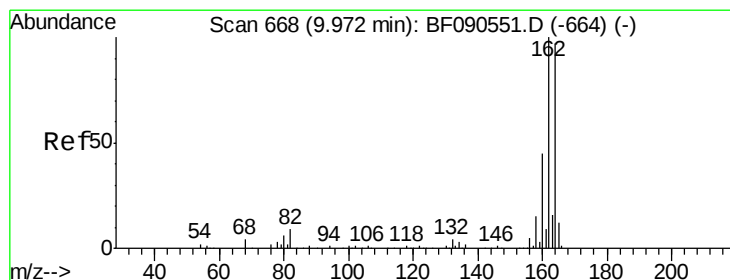
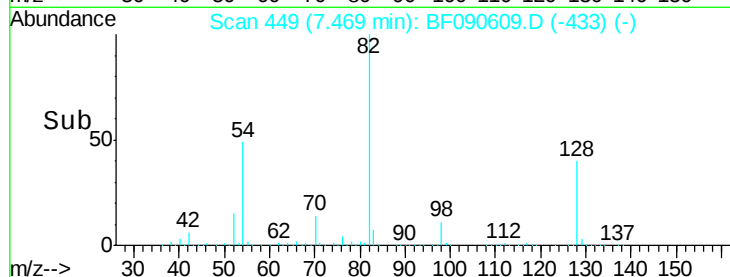
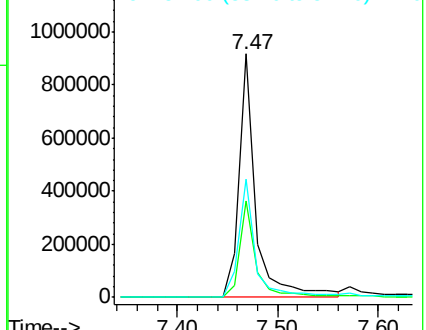
82 100

128 39.6 34.3 51.5

54 48.7 37.0 55.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

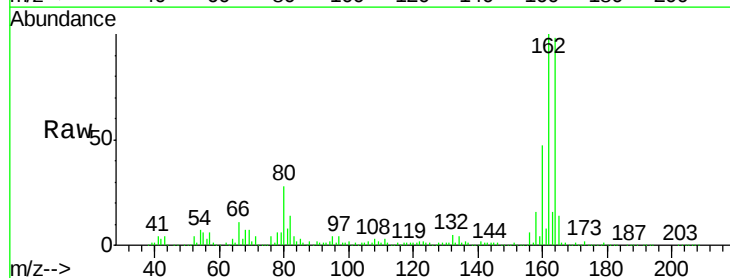
Tgt Ion:164 Resp: 467798

Ion Ratio Lower Upper

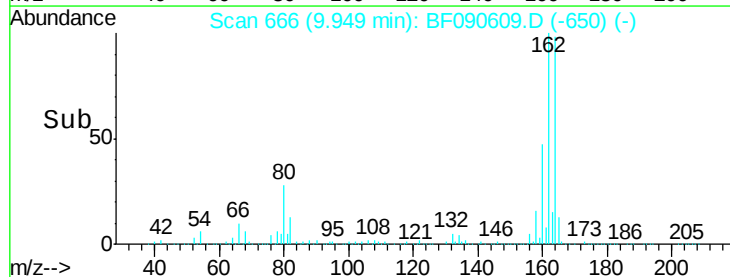
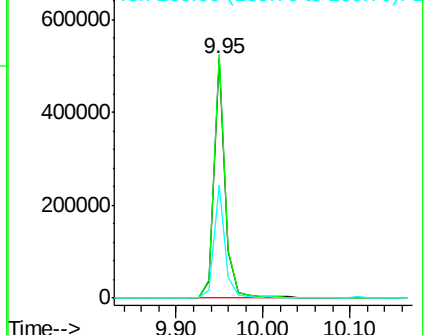
164 100

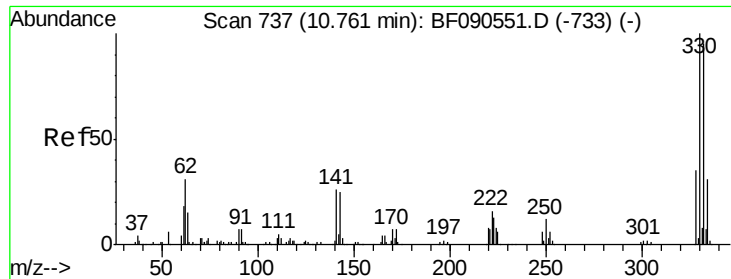
162 101.7 82.2 123.4

160 47.4 36.6 55.0



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

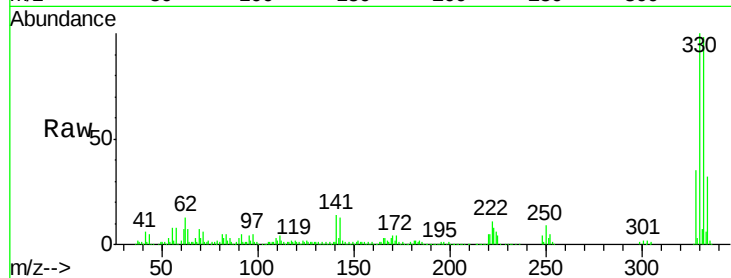




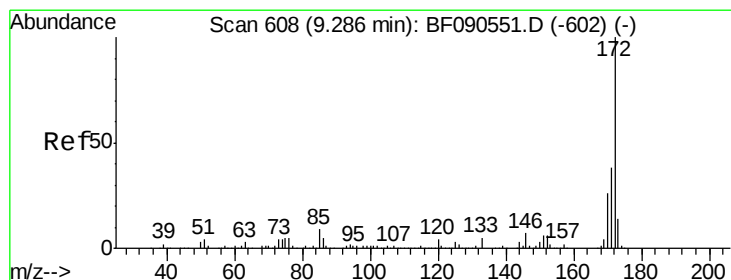
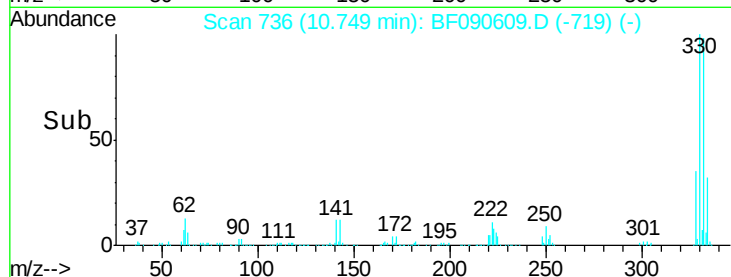
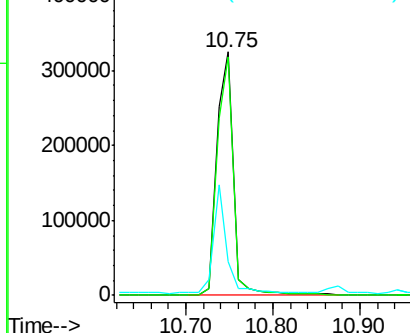
#41
 2,4,6-Tribromophenol
 Concen: 105.87 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF090609.D
 Acq: 17 Oct 2016 16:00

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)RE

Tot Ion:330 Resp: 441553
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.2
 141 34.7 31.4 47.2

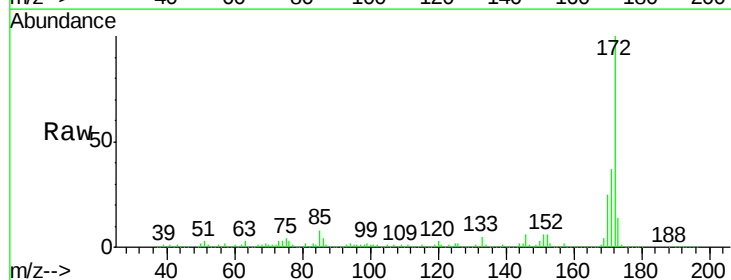


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

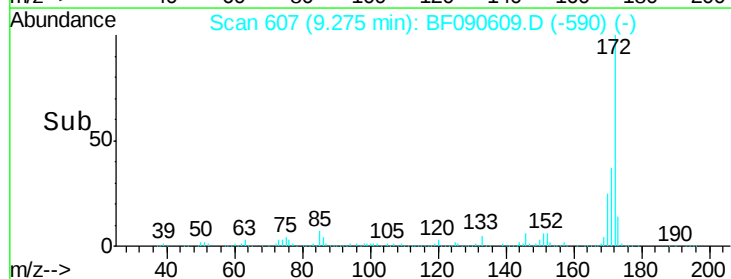
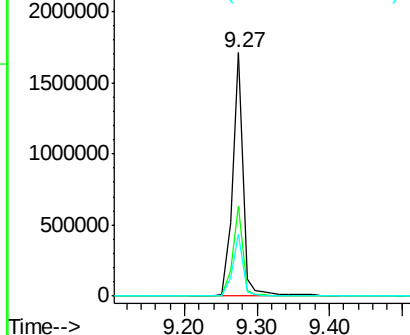


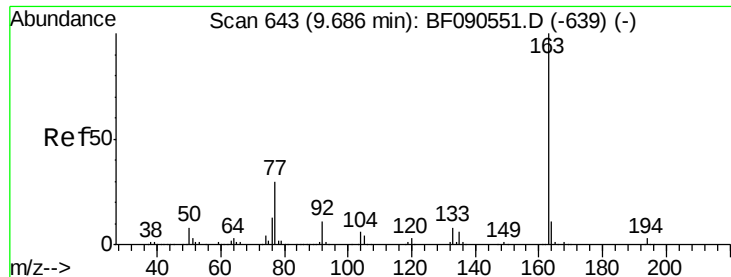
#44
 2-Fluorobiphenyl
 Concen: 61.04 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090609.D
 Acq: 17 Oct 2016 16:00

Tgt Ion:172 Resp: 1732893
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 25.2 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: 18.14 ng

RT: 9.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

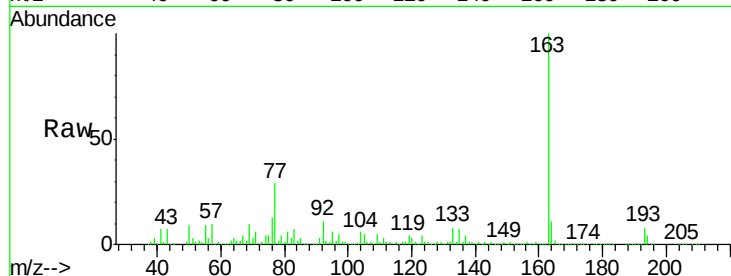
Tot Ion:163 Resp: 550520

Ion Ratio Lower Upper

163 100

194 4.2 2.3 3.5#

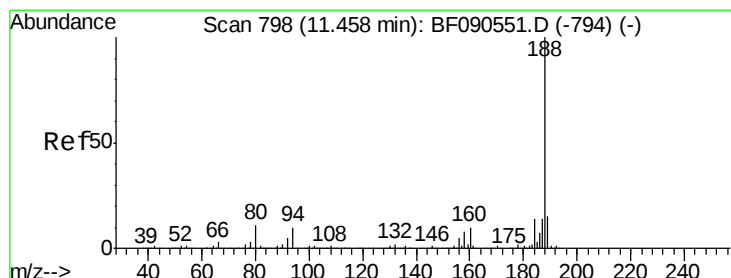
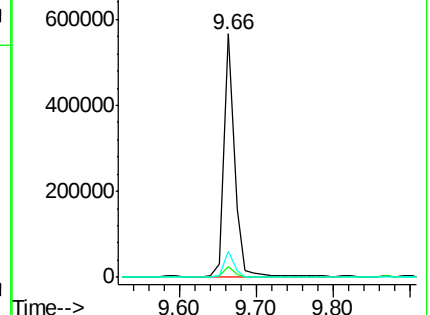
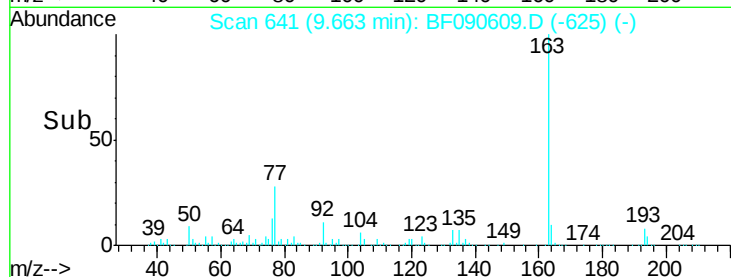
164 10.6 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

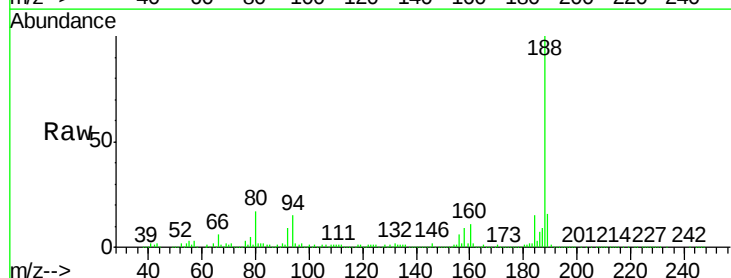
Tgt Ion:188 Resp: 776052

Ion Ratio Lower Upper

188 100

94 15.4 7.7 11.5#

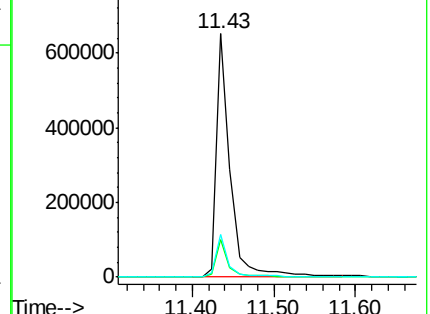
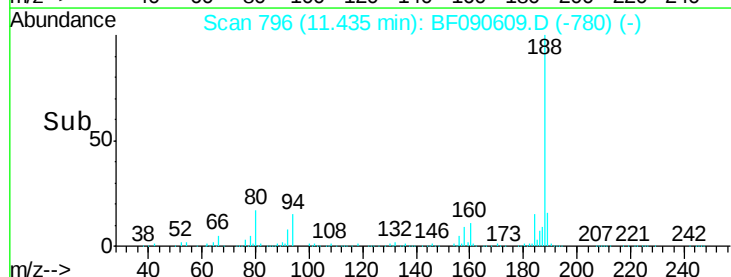
80 17.4 8.6 12.8#

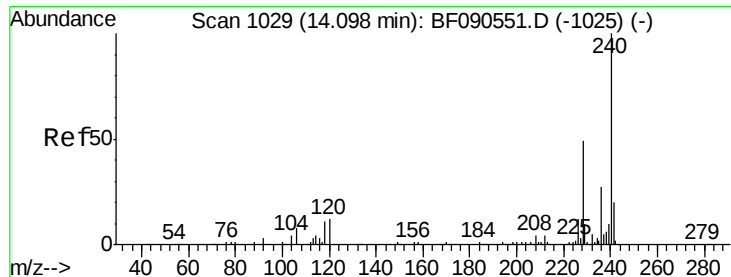


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

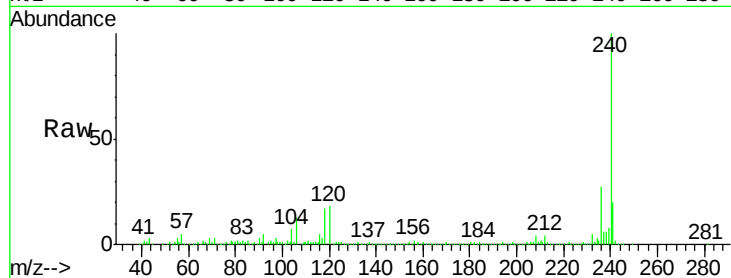
Tot Ion:240 Resp: 627612

Ion Ratio Lower Upper

240 100

120 17.8 9.8 14.8#

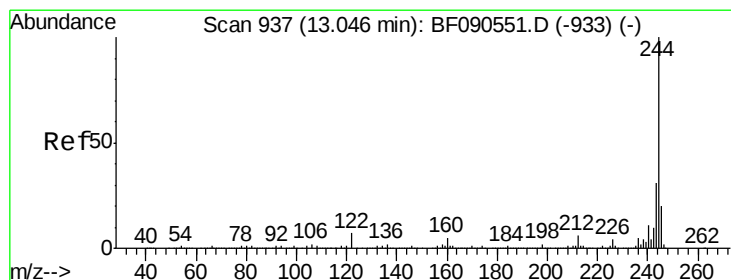
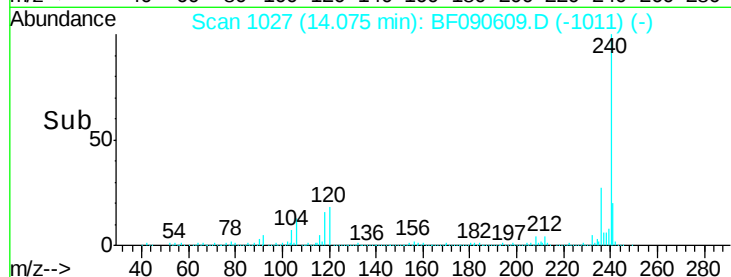
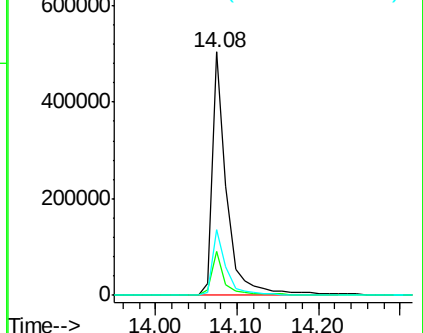
236 27.2 21.7 32.5



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



#78

Terphenyl-d14

Concen: 62.55 ng

RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

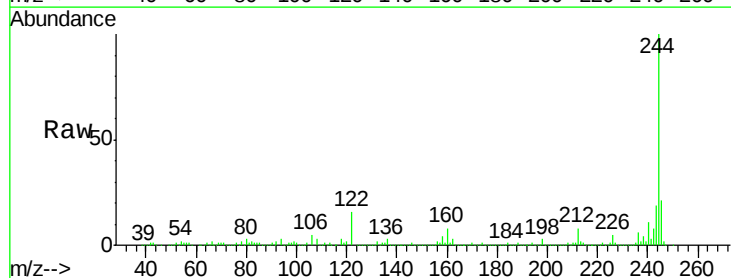
Tgt Ion:244 Resp: 1686142

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

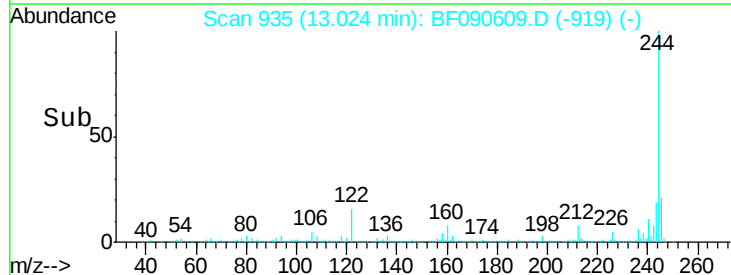
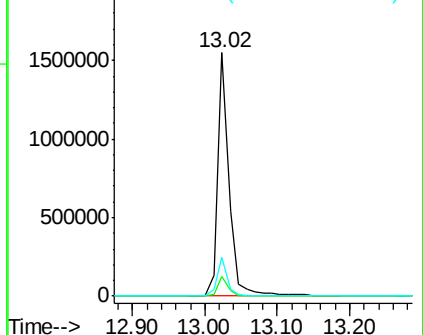
122 15.8 5.6 8.4#

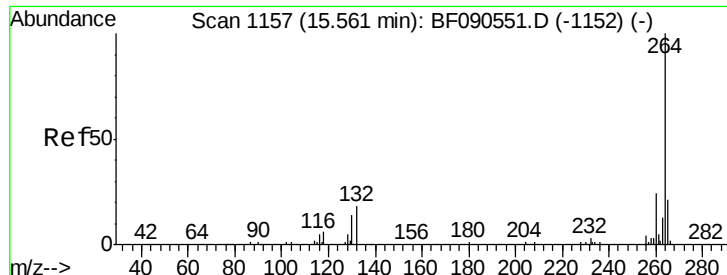


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

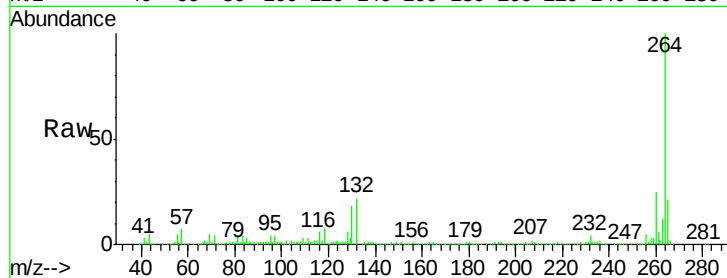




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090609.D
Acq: 17 Oct 2016 16:00

Instrument :
BNA_F
ClientSampleId :
MJSB-17(16-17)RE

Tot Ion:264 Resp: 440150
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.5 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

