

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090809.D
 Acq On : 25 Oct 2016 16:09
 Operator : UM/SJ
 Sample : PB94289BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BL

Quant Time: Oct 25 17:15:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	200755	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	823956	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	433888	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	725774	20.00	ng	0.00
75) Chrysene-d12	13.96	240	505766	20.00	ng	0.00
86) Perylene-d12	15.38	264	388049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1335568	107.29	ng	0.01
7) Phenol-d6	6.44	99	1971234	116.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	1140569	75.92	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	513621	149.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1979789	70.83	ng	-0.01
78) Terphenyl-d14	12.92	244	2091231	94.76	ng	0.00

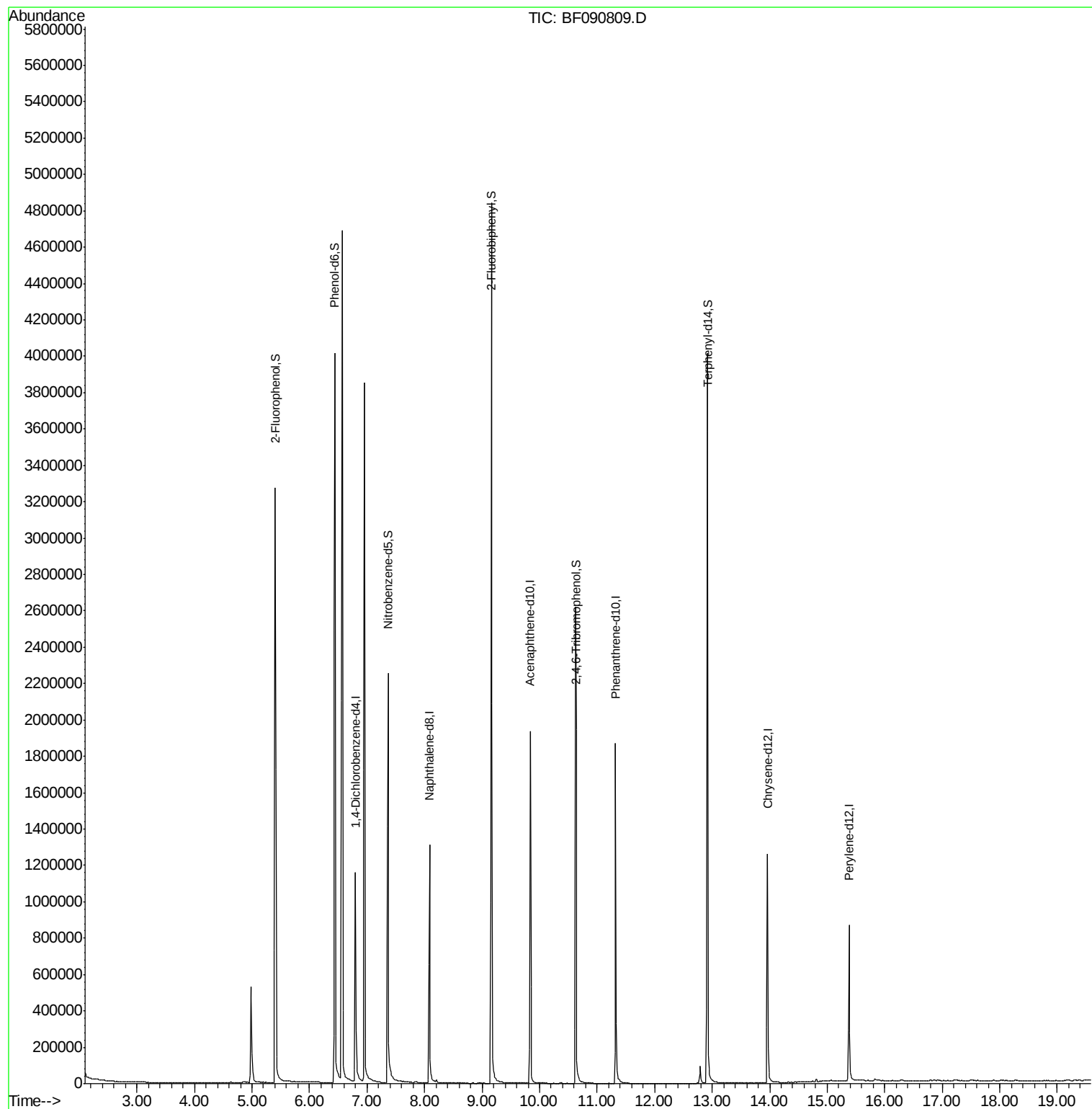
Target Compounds Qvalue

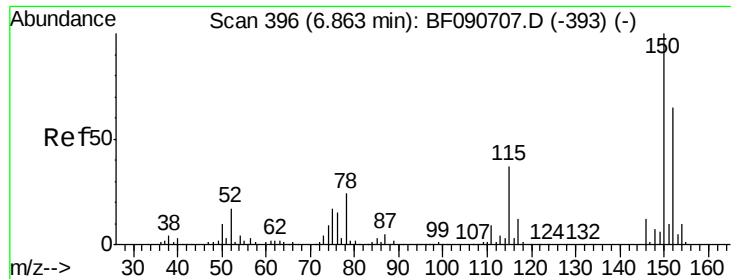
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

Instrument :

BNA_F

ClientSampleId :

PB94289BL

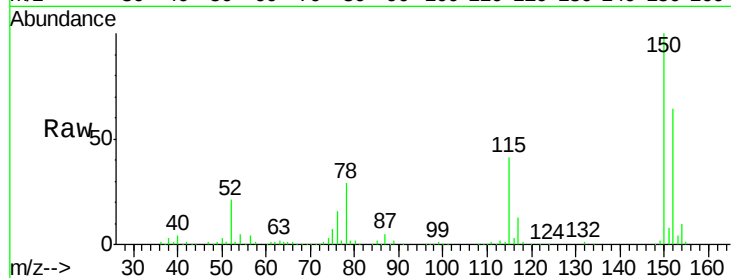
Tot Ion:152 Resp: 200755

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

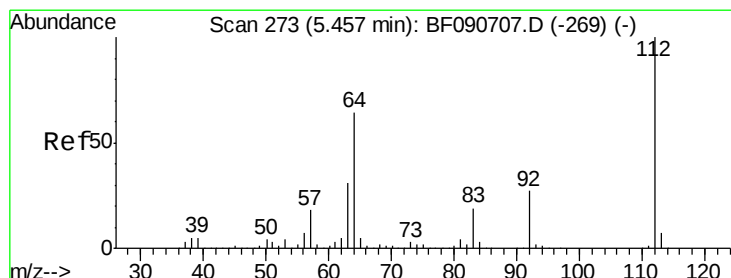
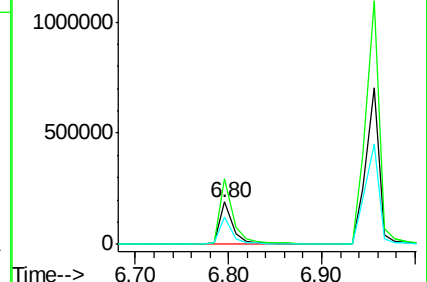
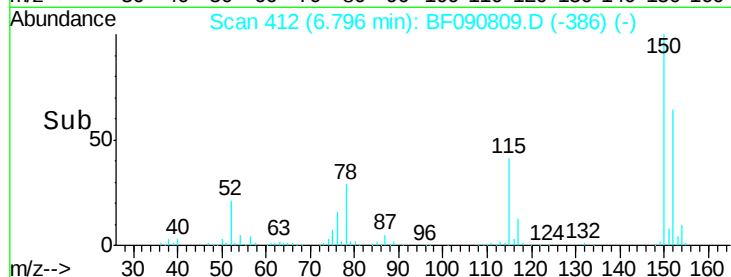
115 64.5 39.0 58.4#



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: 107.29 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

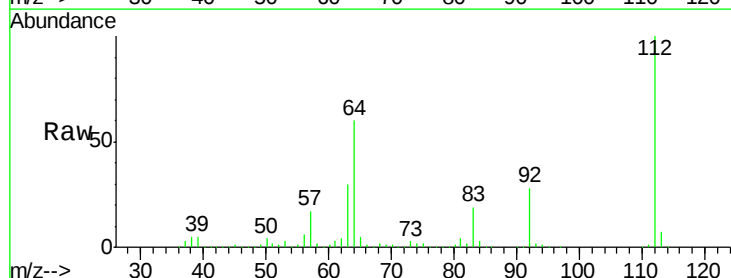
Tgt Ion:112 Resp: 1335568

Ion Ratio Lower Upper

112 100

64 60.2 39.7 59.5#

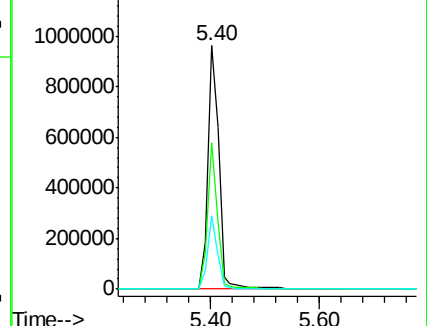
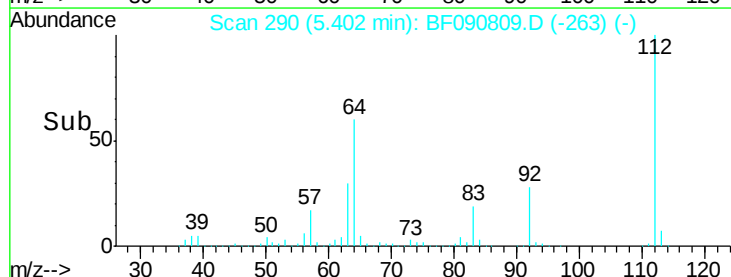
63 29.9 17.4 26.0#

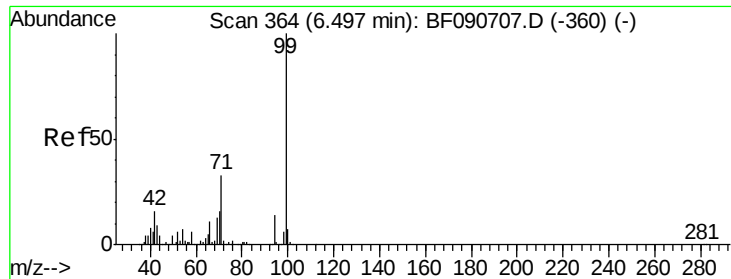


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.91 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

Instrument :

BNA_F

ClientSampleId :

PB94289BL

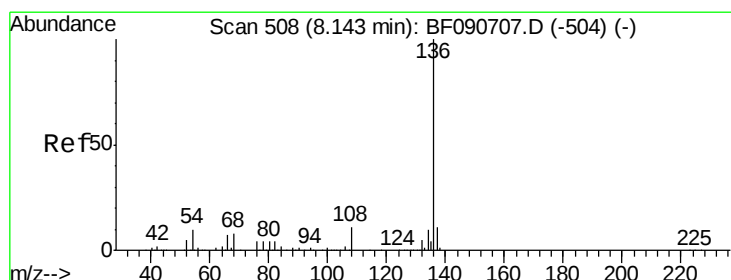
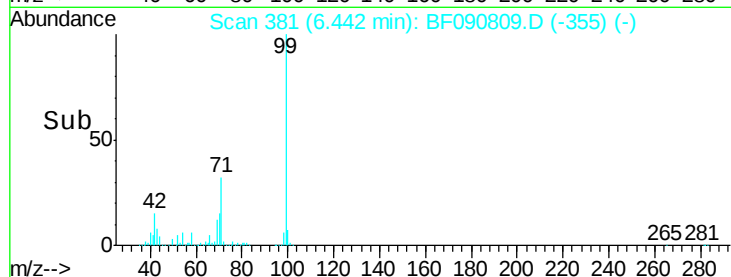
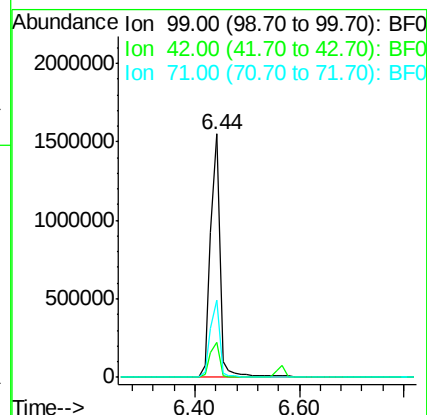
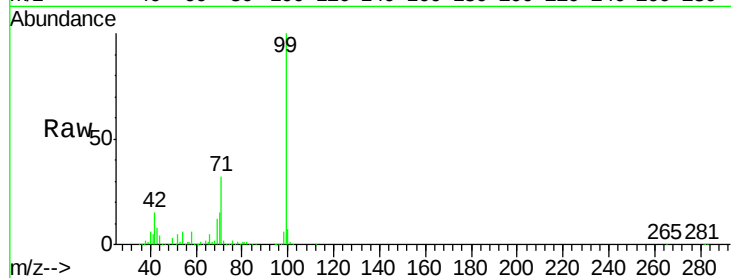
Tot Ion: 99 Resp: 1971234

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

71 31.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

Tgt Ion: 136 Resp: 823956

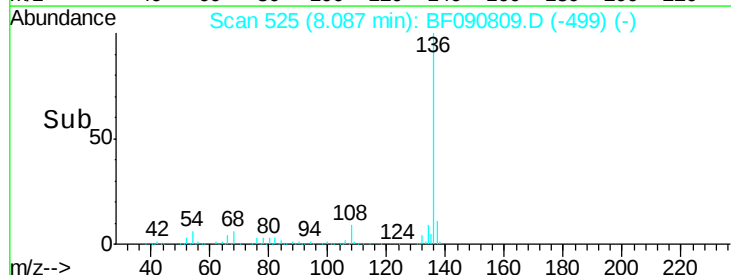
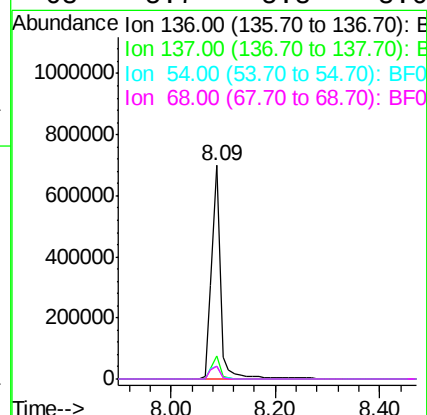
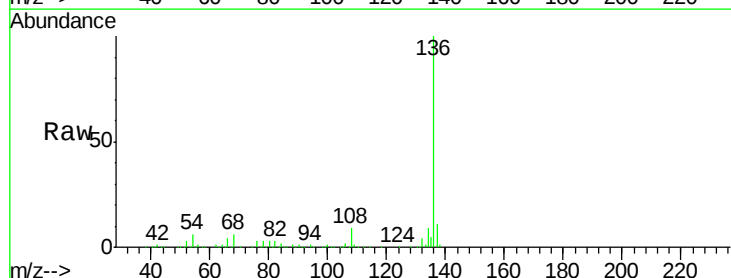
Ion Ratio Lower Upper

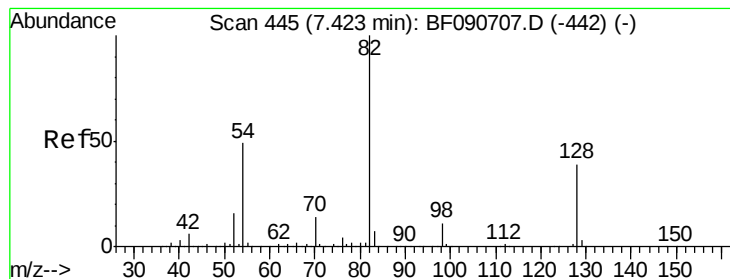
136 100

137 10.8 9.0 13.6

54 5.9 8.2 12.2#

68 5.7 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 75.92 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

Instrument :

BNA_F

ClientSampled :

PB94289BL

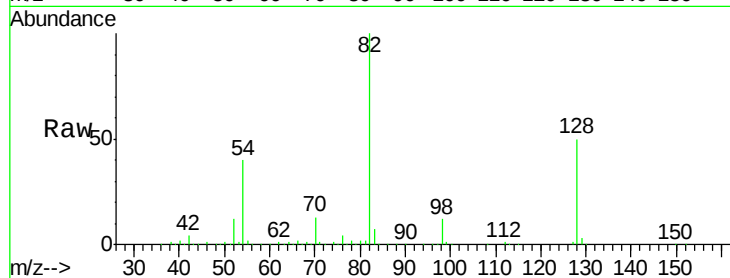
Tot Ion: 82 Resp: 1140569

Ion Ratio Lower Upper

82 100

128 50.3 51.0 76.6#

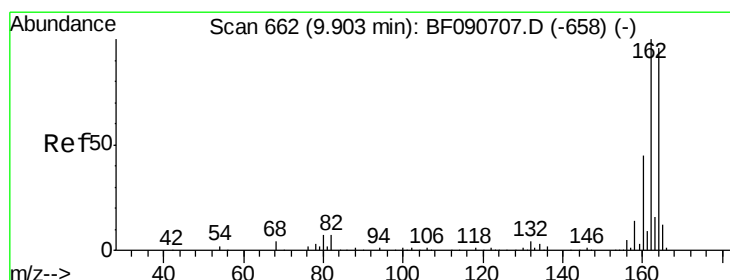
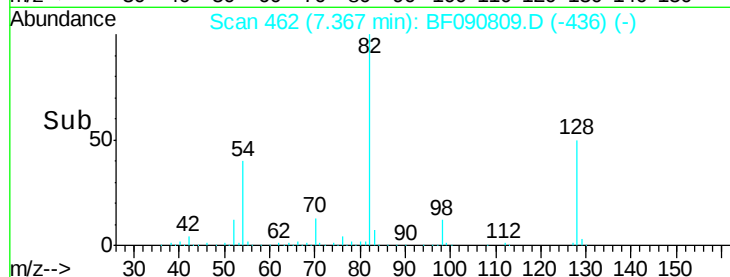
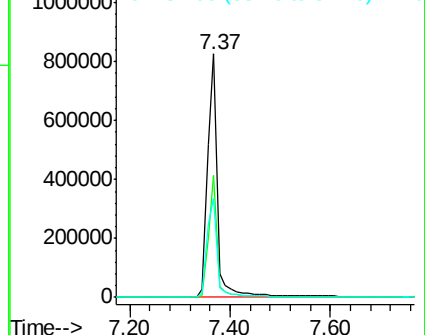
54 40.5 47.5 71.3#



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: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

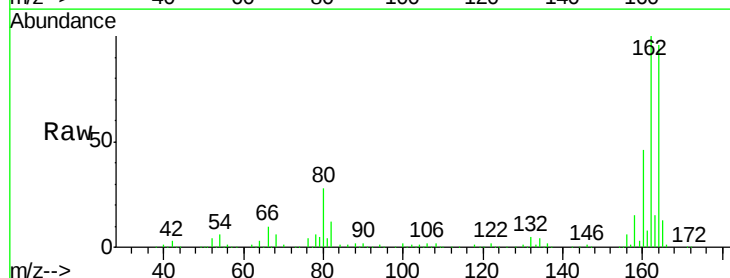
Tgt Ion:164 Resp: 433888

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

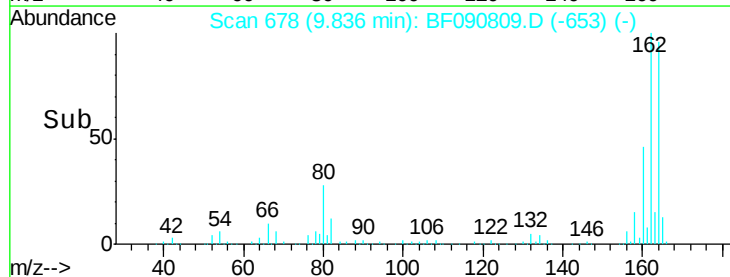
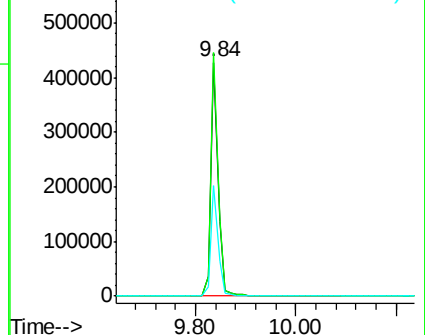
160 47.6 31.5 47.3#

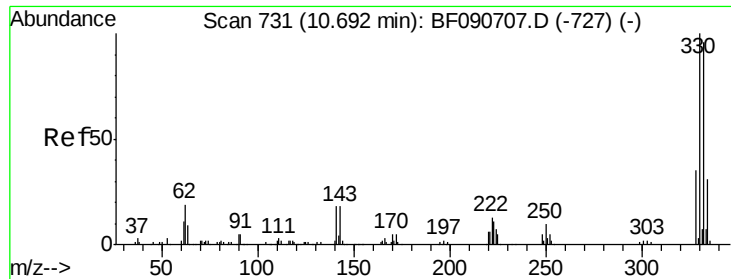


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

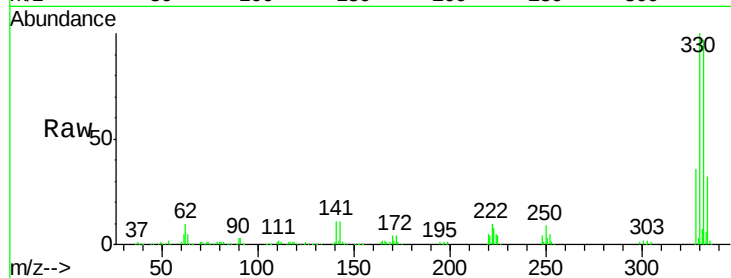




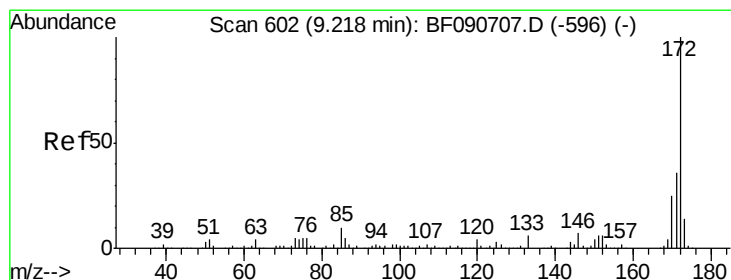
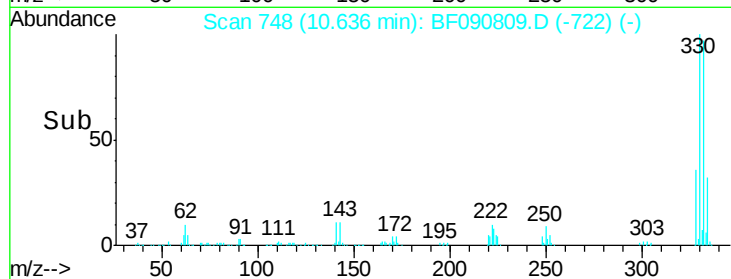
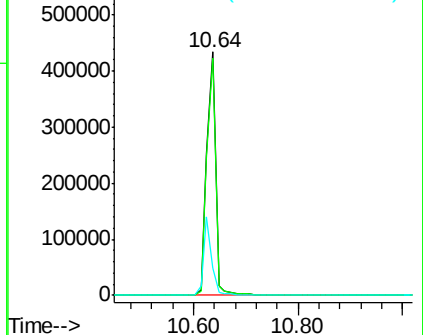
#41
 2,4,6-Tribromophenol
 Concen: 149.56 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090809.D
 Acq: 25 Oct 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BL

Tot Ion:330 Resp: 513621
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 29.9 29.7 44.5

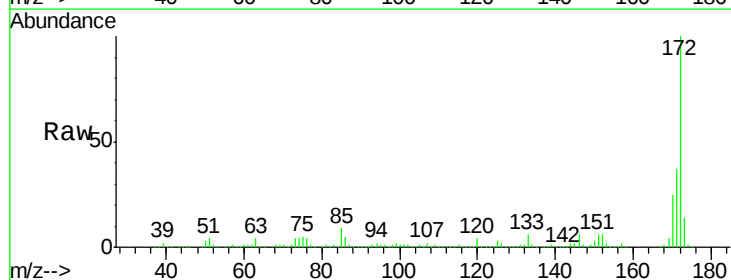


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

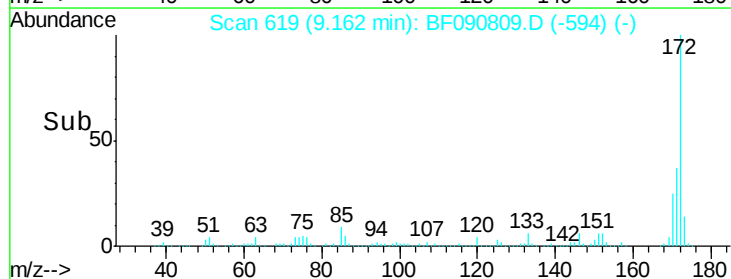
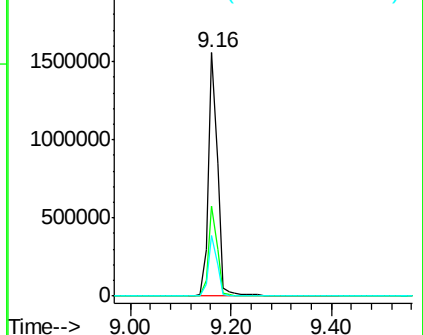


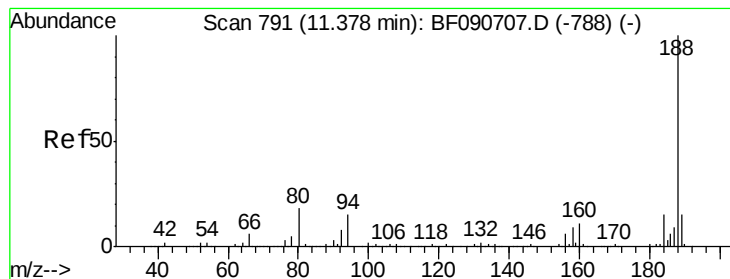
#44
 2-Fluorobiphenyl
 Concen: 70.83 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090809.D
 Acq: 25 Oct 2016 16:09

Tgt Ion:172 Resp: 1979789
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.0 17.4 26.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

Instrument :

BNA_F

ClientSampled :

PB94289BL

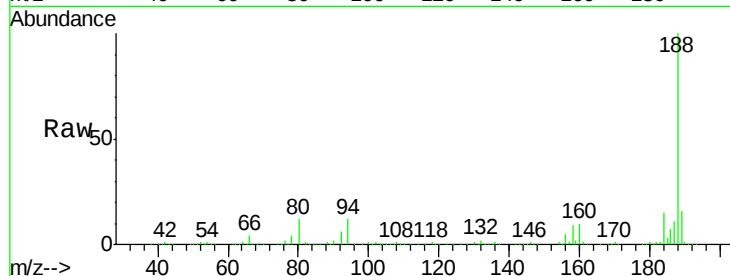
Tot Ion:188 Resp: 725774

Ion Ratio Lower Upper

188 100

94 11.6 11.1 16.7

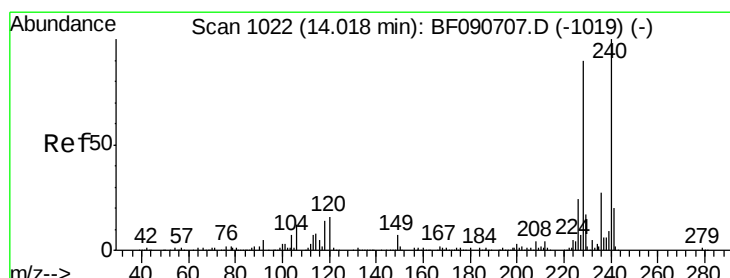
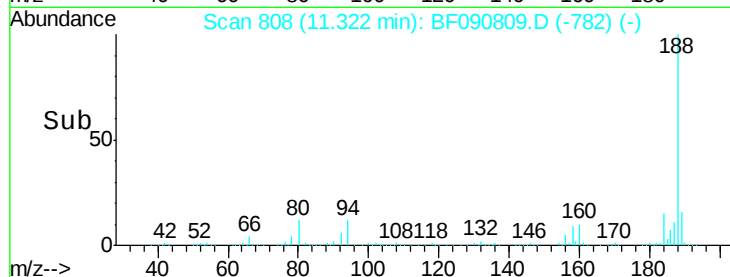
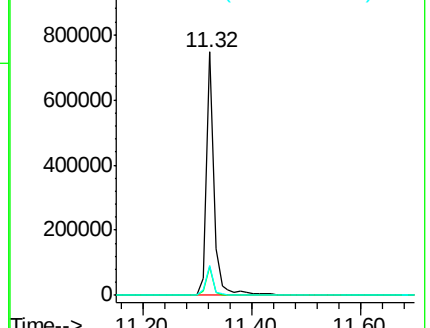
80 12.5 11.0 16.4



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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090809.D

Acq: 25 Oct 2016 16:09

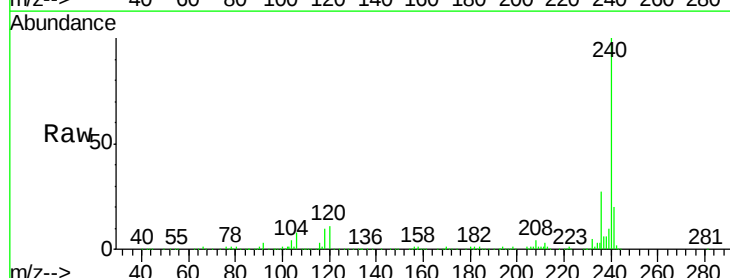
Tgt Ion:240 Resp: 505766

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

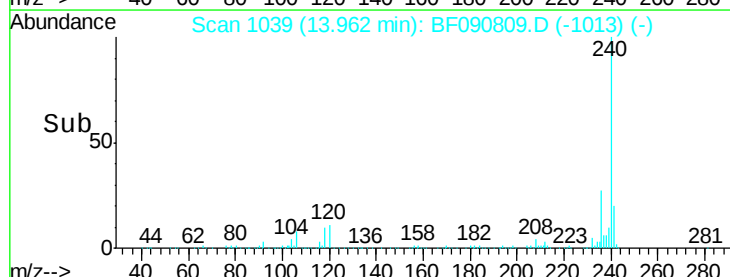
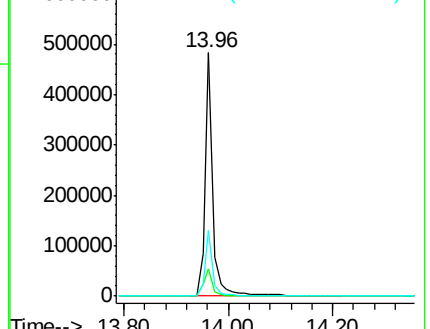
236 26.7 18.4 27.6

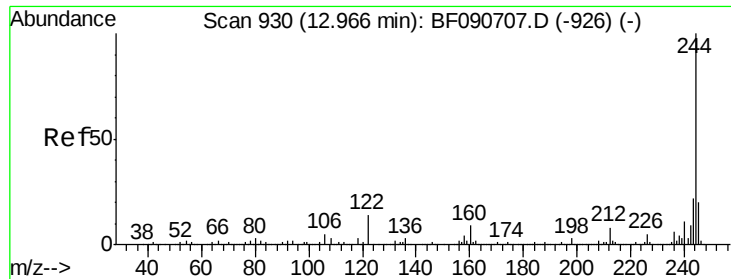


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

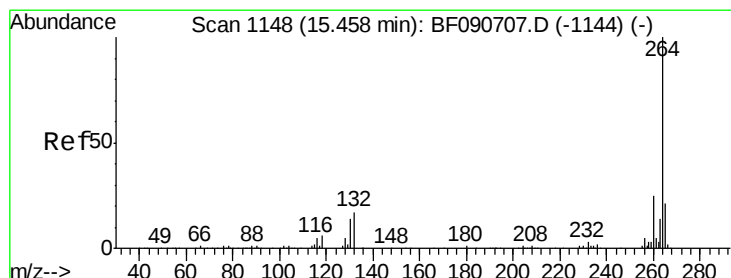
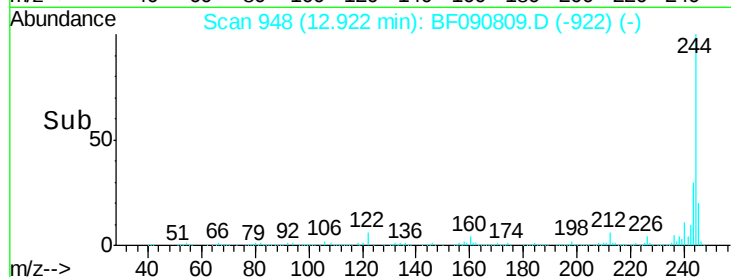
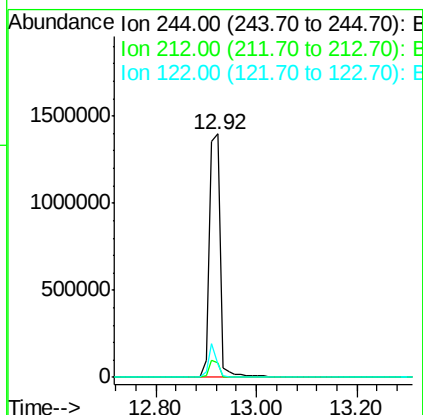
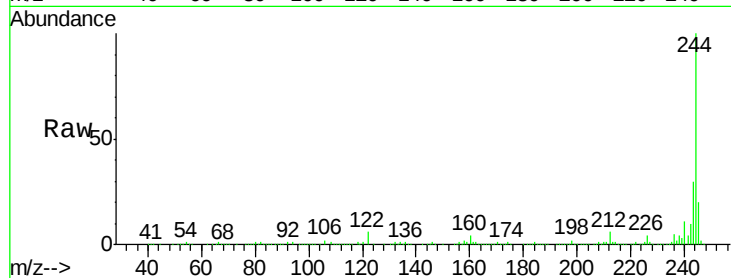




#78
 Terphenyl-d14
 Concen: 94.76 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF090809.D
 Acq: 25 Oct 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94289BL

Tot Ion:244 Resp: 2091231
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.3 6.5
 122 5.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF090809.D
 Acq: 25 Oct 2016 16:09

Tgt Ion:264 Resp: 388049
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.3 17.2 25.8

