

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090721.D
 Acq On : 21 Oct 2016 20:25
 Operator : UM/SJ
 Sample : PB94239BL
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Quant Time: Oct 22 00:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	269457	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1118844	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	590565	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	971752	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	829144	20.00	ng	0.00
86) Perylene-d12	15.45	264	599766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1869414	111.89	ng	0.02
7) Phenol-d6	6.50	99	2336551	103.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	1610012	78.92	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	599312	128.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2375798	62.45	ng	-0.01
78) Terphenyl-d14	12.97	244	2458127	67.95	ng	0.00

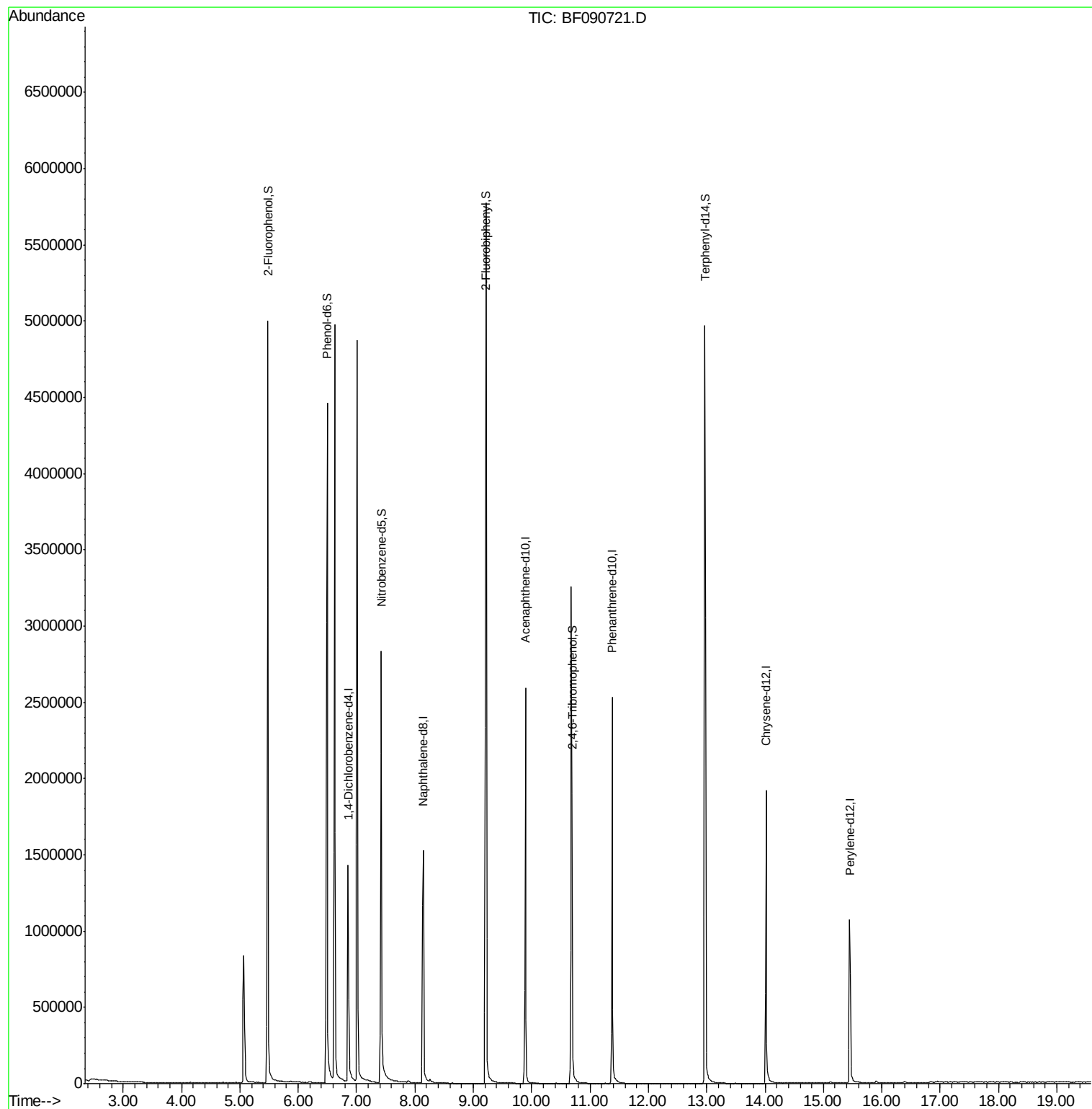
Target Compounds Qvalue

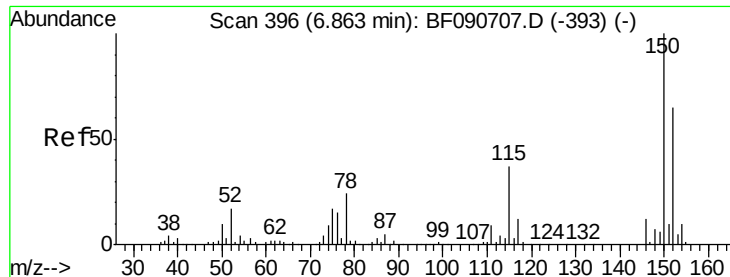
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

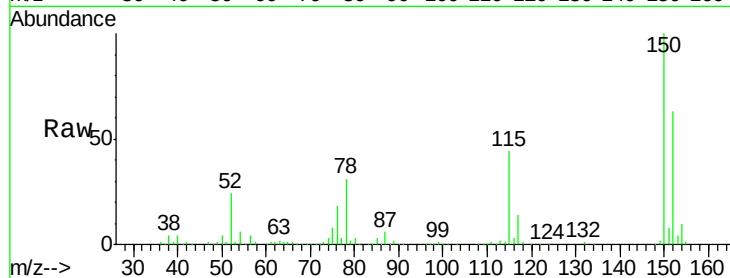
Tot Ion:152 Resp: 269457

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

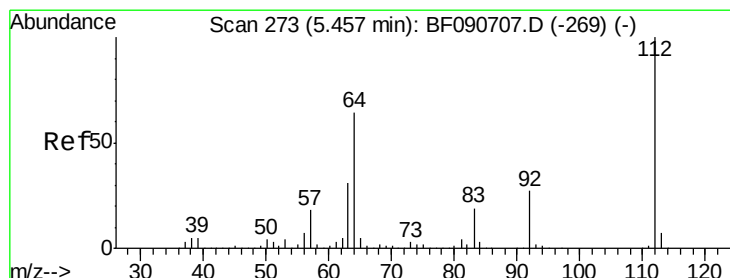
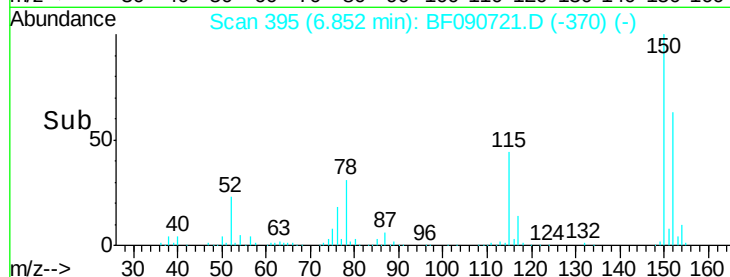
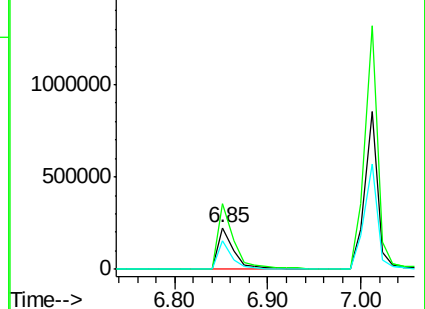
115 70.1 39.0 58.4#



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: 111.89 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

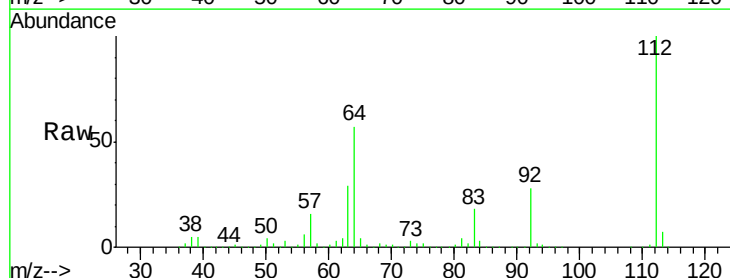
Tgt Ion:112 Resp: 1869414

Ion Ratio Lower Upper

112 100

64 57.4 39.7 59.5

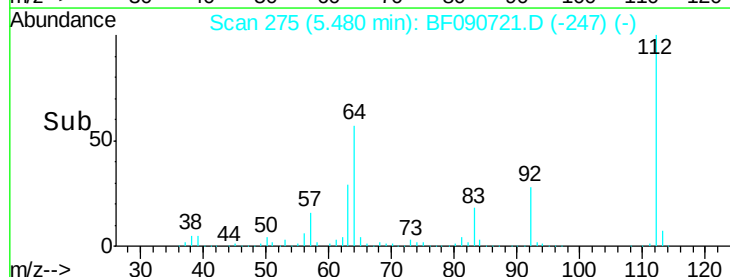
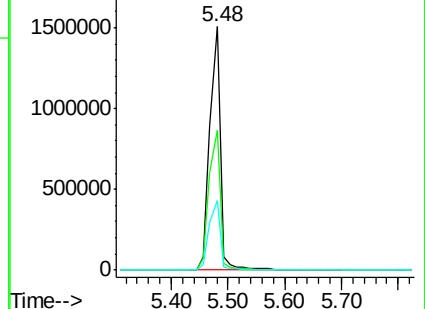
63 28.7 17.4 26.0#

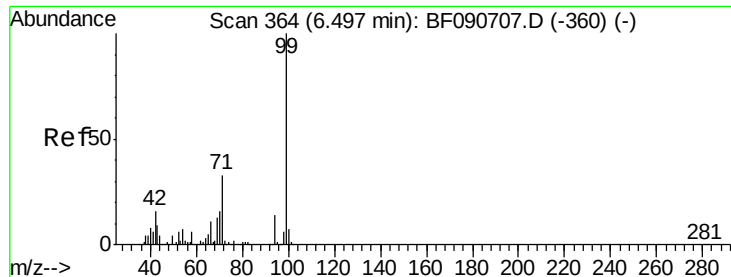


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.25 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

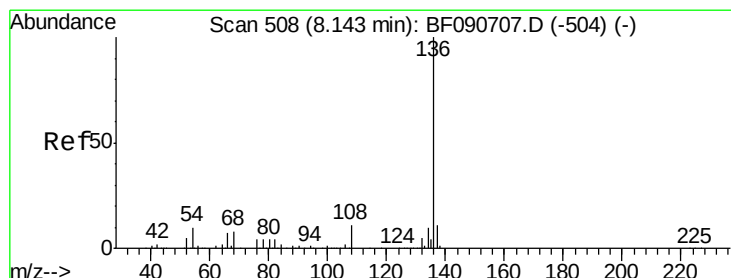
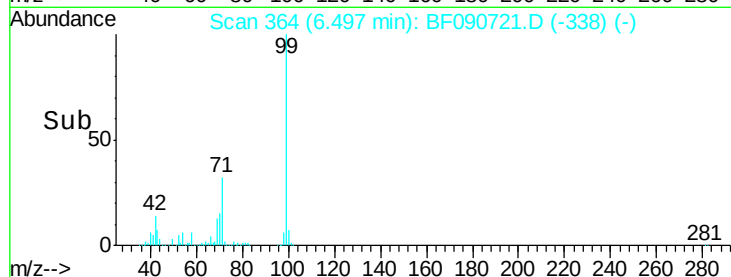
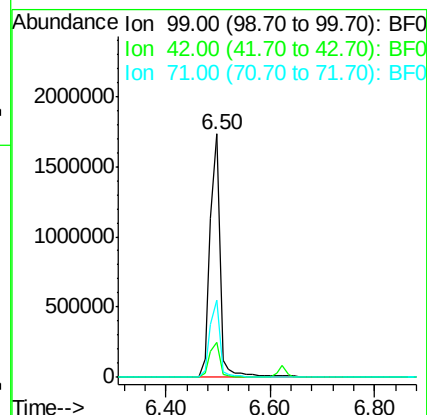
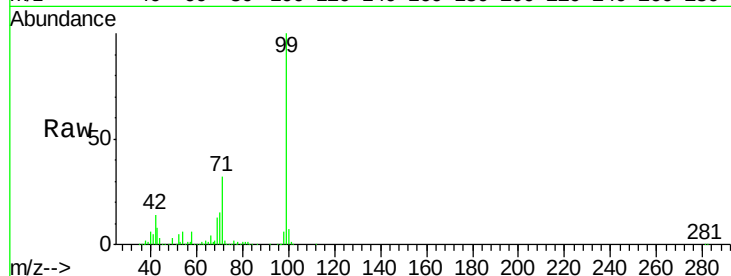
Tot Ion: 99 Resp: 2336551

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 31.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Tgt Ion: 136 Resp: 1118844

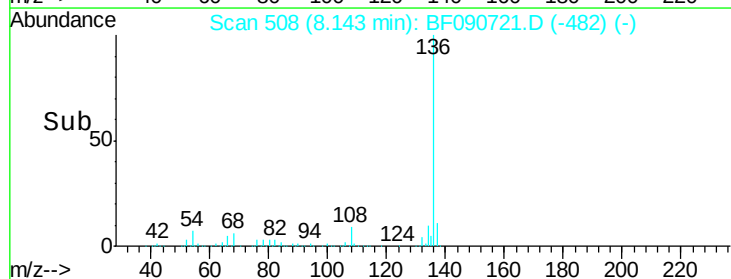
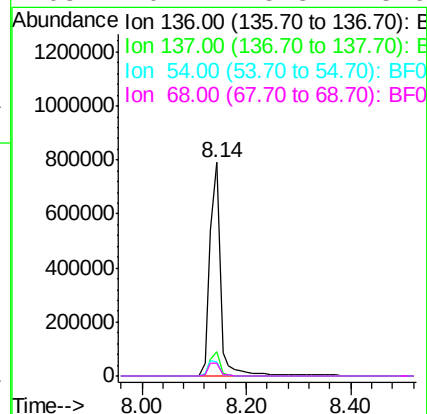
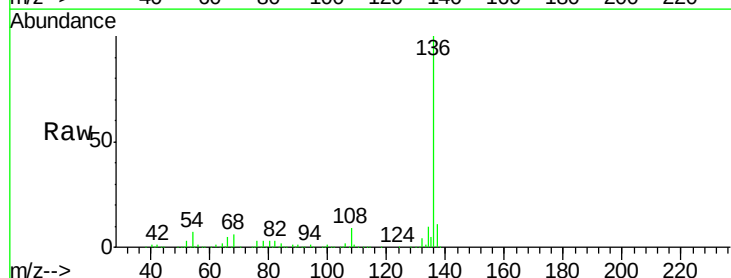
Ion Ratio Lower Upper

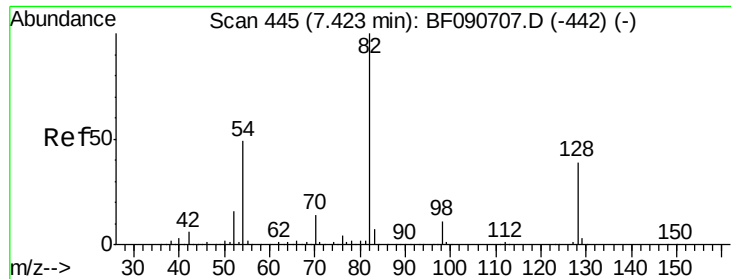
136 100

137 11.1 9.0 13.6

54 6.7 8.2 12.2#

68 6.2 5.8 8.6

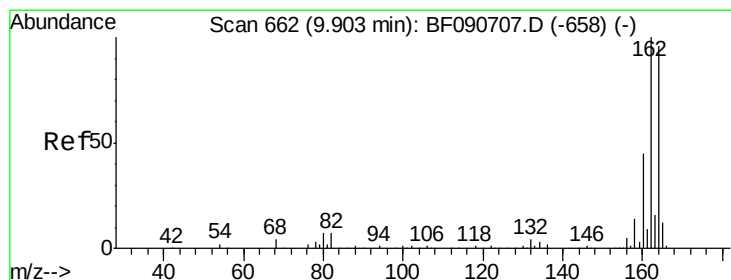
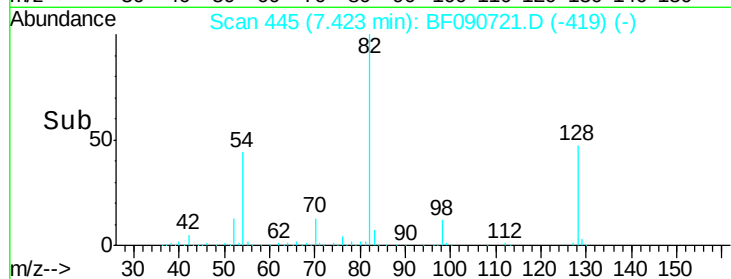
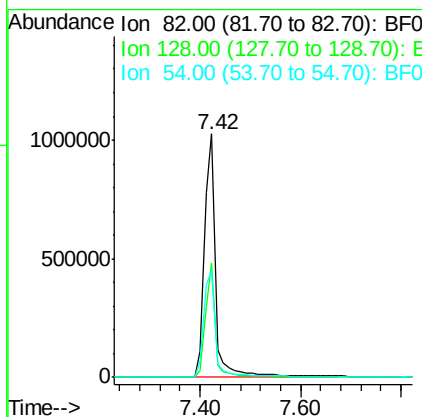
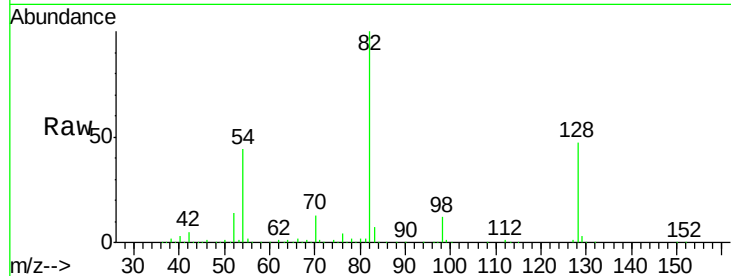




#23
 Nitrobenzene-d5
 Concen: 78.92 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

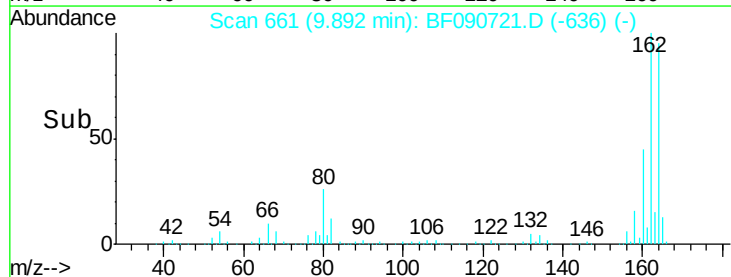
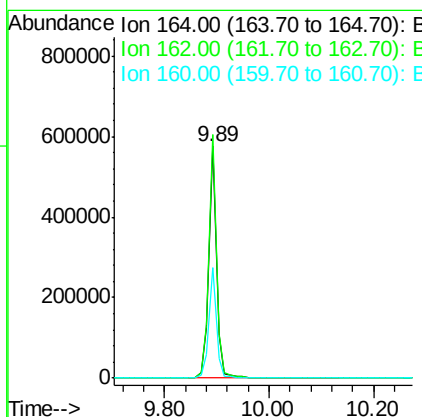
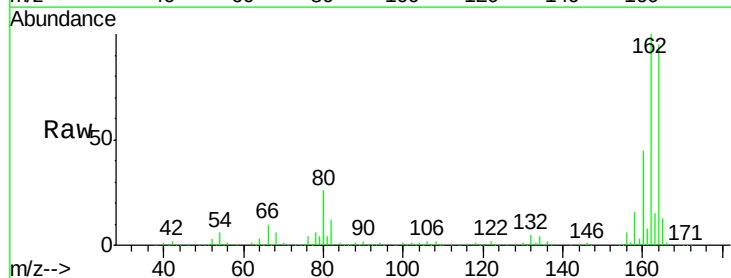
Instrument :
 BNA_F
 ClientSampleID :
 PB94239BL

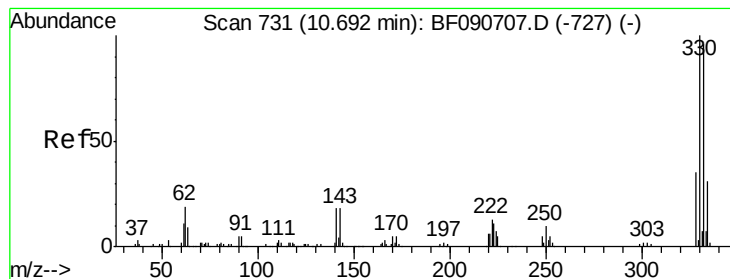
Tot Ion: 82 Resp: 1610012
 Ion Ratio Lower Upper
 82 100
 128 47.1 51.0 76.6#
 54 43.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Tgt Ion:164 Resp: 590565
 Ion Ratio Lower Upper
 164 100
 162 105.1 75.2 112.8
 160 47.7 31.5 47.3#





#41

2,4,6-Tribromophenol

Concen: 128.21 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

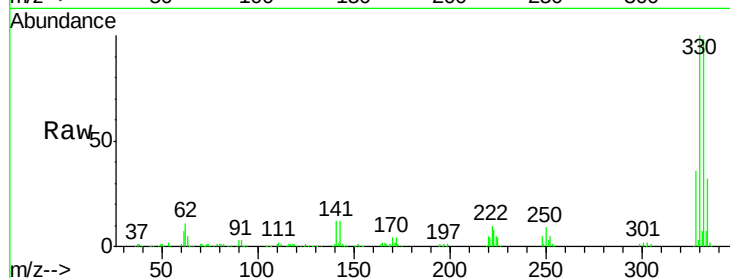
Tot Ion:330 Resp: 599312

Ion Ratio Lower Upper

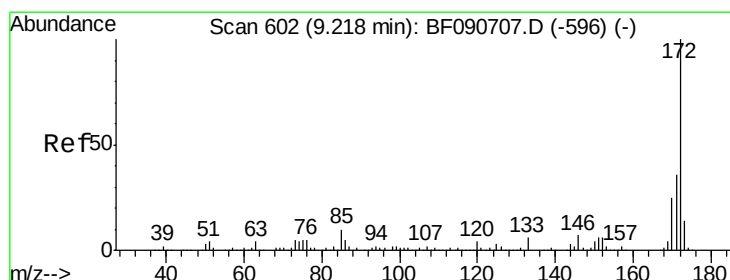
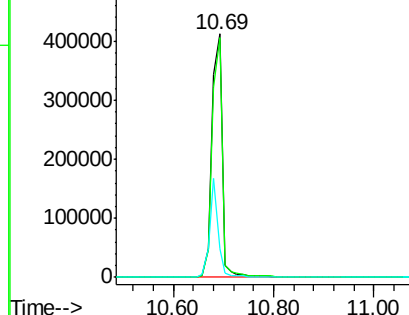
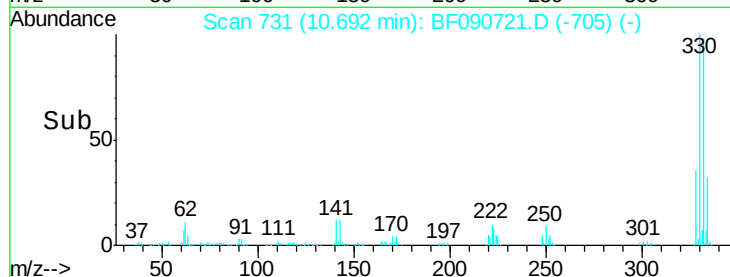
330 100

332 96.0 76.6 114.8

141 33.9 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: 62.45 ng

RT: 9.22 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

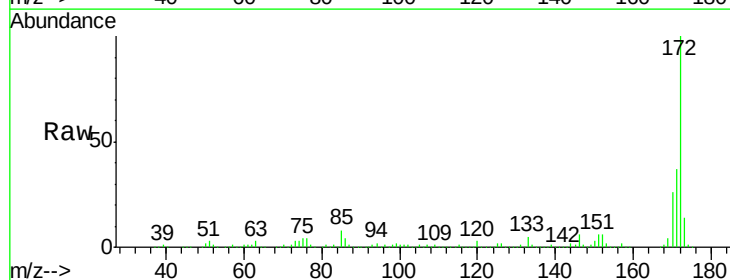
Tgt Ion:172 Resp: 2375798

Ion Ratio Lower Upper

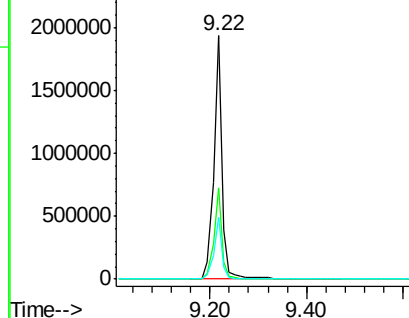
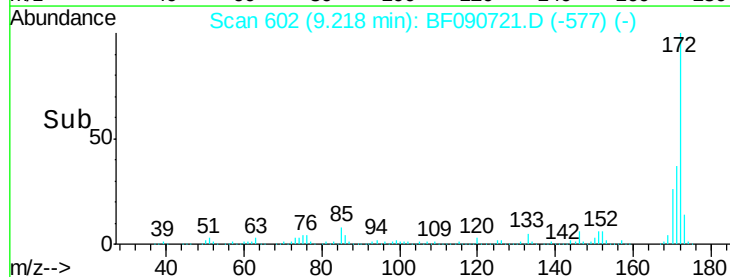
172 100

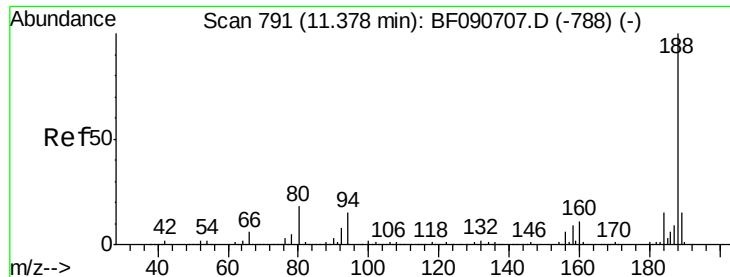
171 37.3 26.1 39.1

170 25.5 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

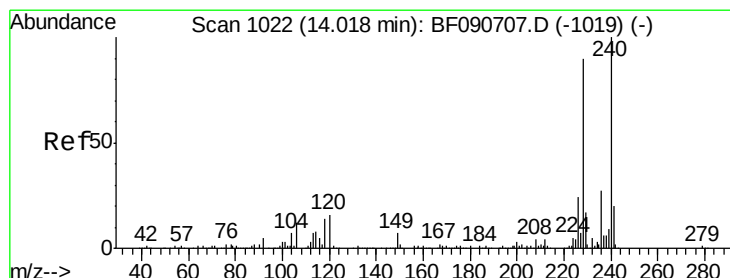
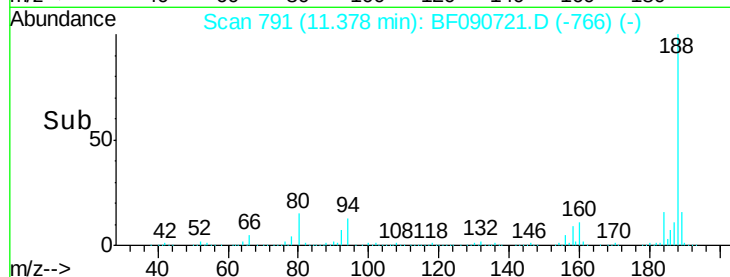
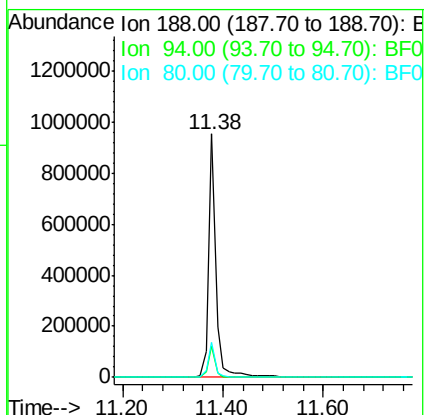
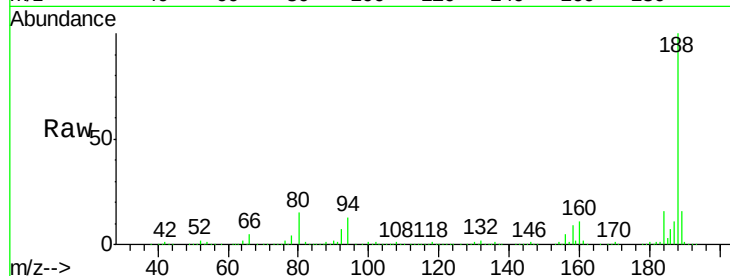




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

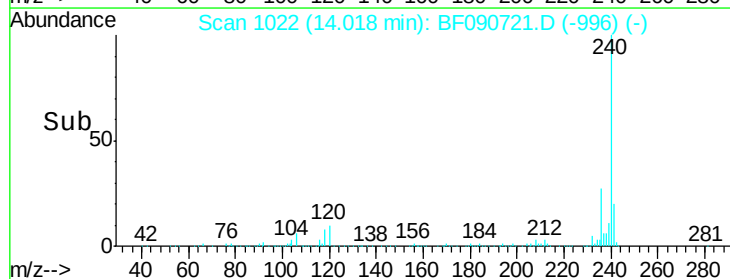
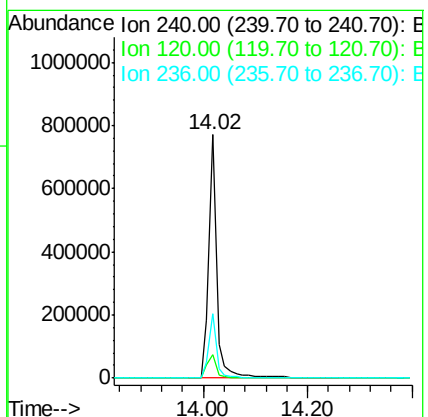
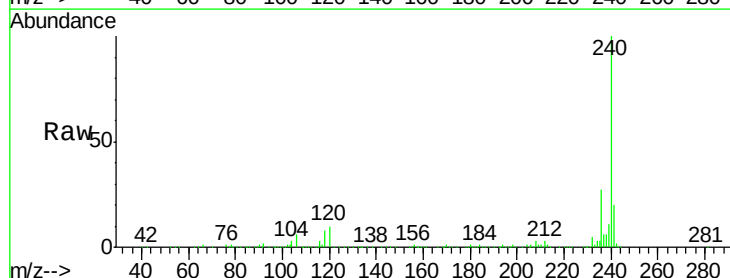
Instrument :
BNA_F
ClientSampleId :
PB94239BL

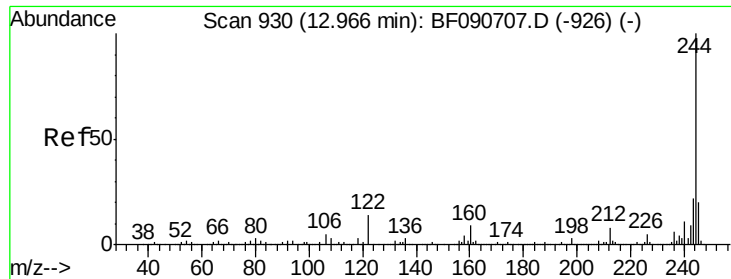
Tot Ion:188 Resp: 971752
Ion Ratio Lower Upper
188 100
94 12.8 11.1 16.7
80 14.5 11.0 16.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Tgt Ion:240 Resp: 829144
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 26.7 18.4 27.6

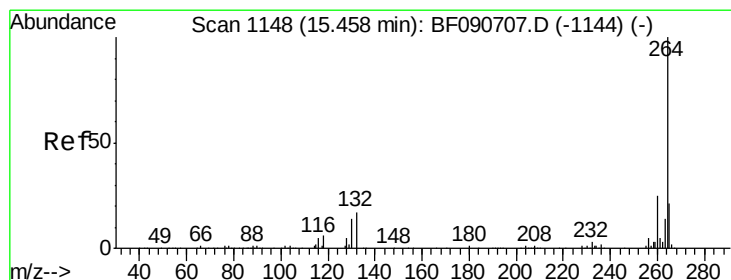
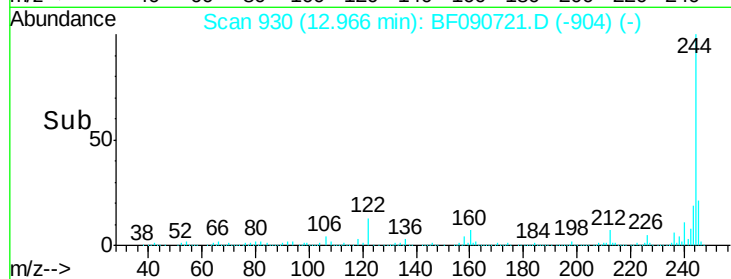
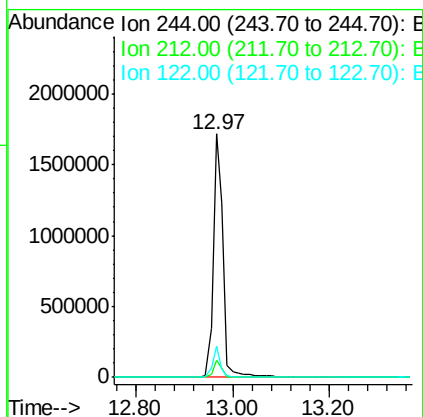
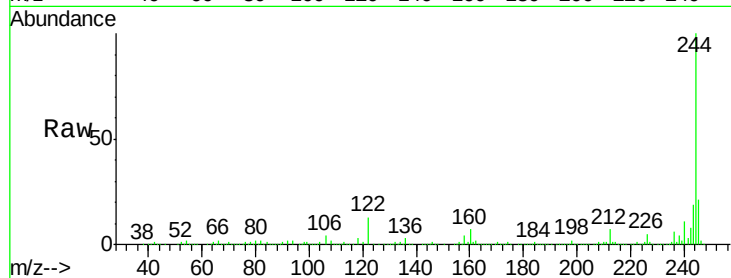




#78
 Terphenyl-d14
 Concen: 67.95 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Tot Ion:244 Resp: 2458127
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Tgt Ion:264 Resp: 599766
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.9 17.2 25.8

