

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090526.D
 Acq On : 12 Oct 2016 3:42
 Operator : UM/SJ
 Sample : U4S1S&C
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 12 05:54:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

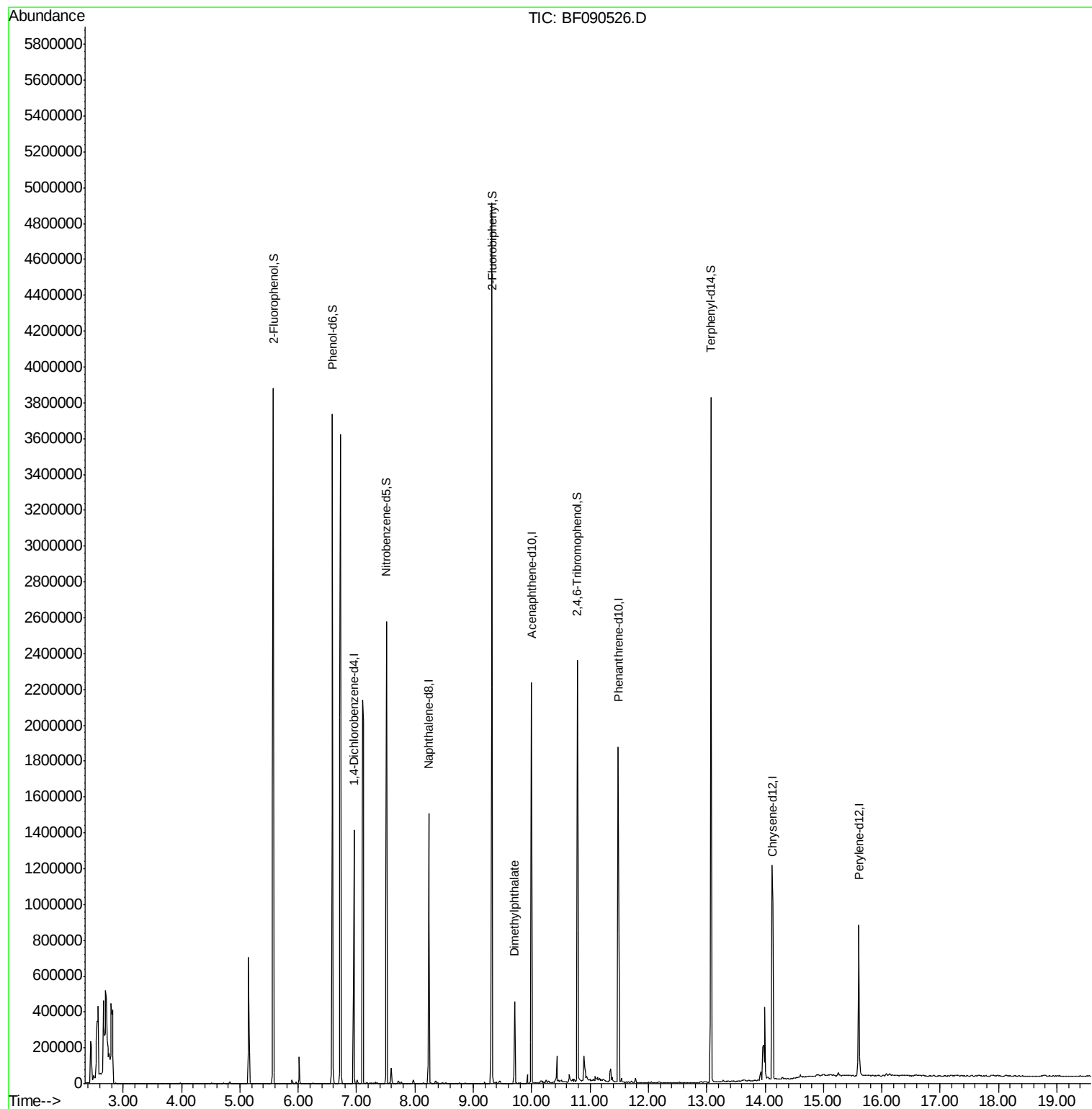
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	235861	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	879851	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	467305	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	744221	20.00	ng	0.00
75) Chrysene-d12	14.13	240	558219	20.00	ng	0.00
86) Perylene-d12	15.61	264	402420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1089508	71.86	ng	0.01
7) Phenol-d6	6.59	99	1414442	73.93	ng	0.00
23) Nitrobenzene-d5	7.51	82	910717	56.14	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	309312	66.77	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1722445	61.94	ng	0.00
78) Terphenyl-d14	13.07	244	1567801	68.64	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	167509	5.33	ng	Qvalue 98

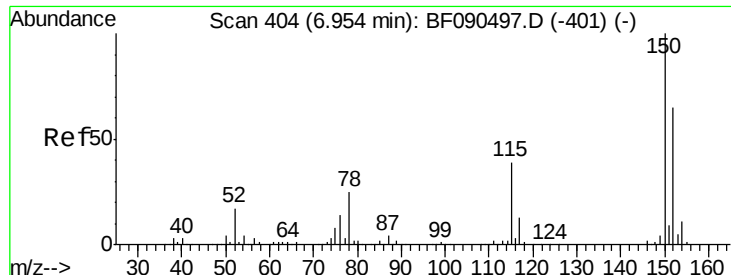
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Instrument :

BNA_F

ClientSampleId :

DFTPP

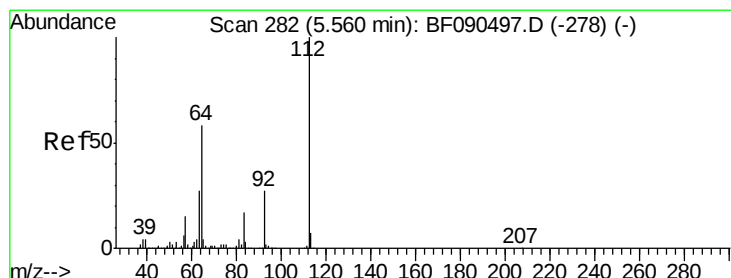
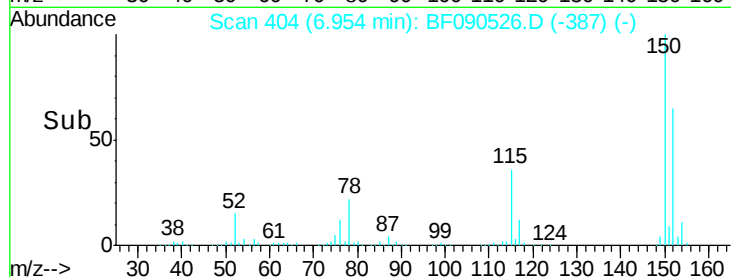
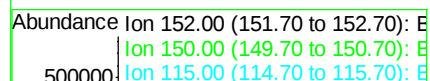
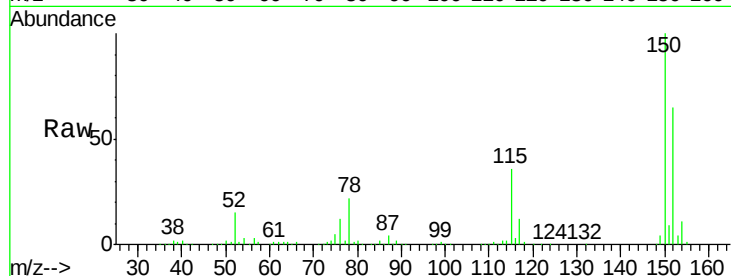
Tgt Ion:152 Resp: 235861

Ion Ratio Lower Upper

152 100

150 152.8 124.6 186.8

115 55.7 46.2 69.4



#5

2-Fluorophenol

Concen: 71.86 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

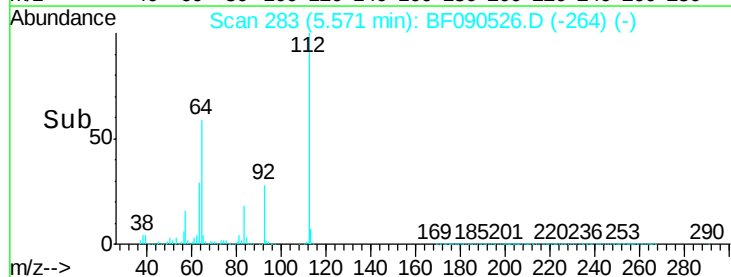
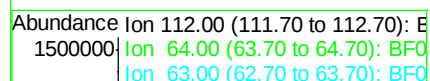
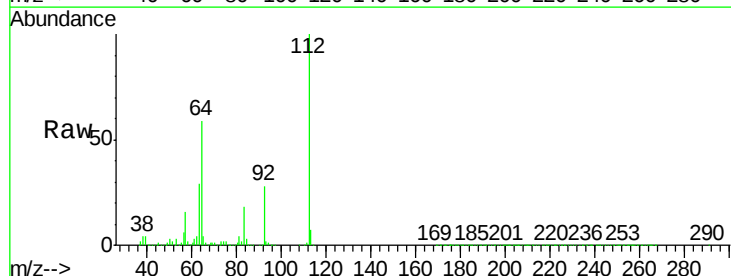
Tgt Ion:112 Resp: 1089508

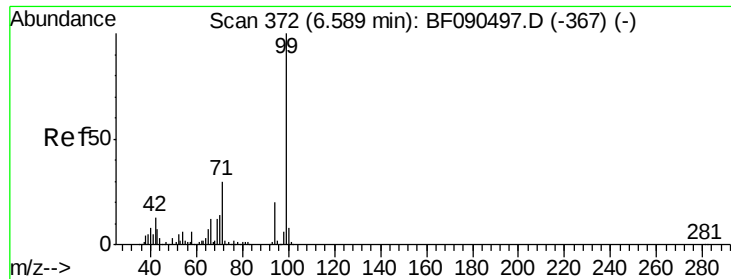
Ion Ratio Lower Upper

112 100

64 58.9 57.9 86.9

63 28.6 29.6 44.4#





#7

Phenol-d6

Concen: 73.93 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Instrument :

BNA_F

ClientSampleId :

DFTPP

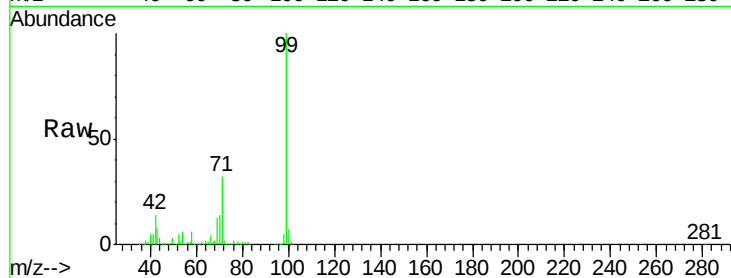
Tgt Ion: 99 Resp: 1414442

Ion Ratio Lower Upper

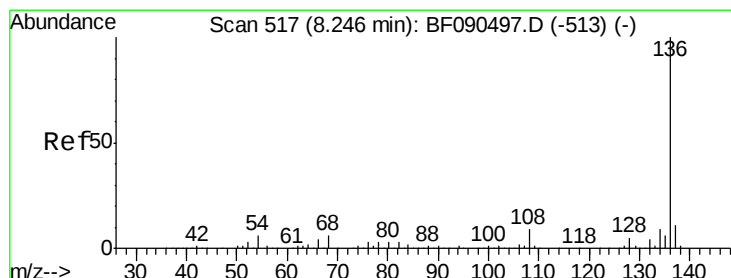
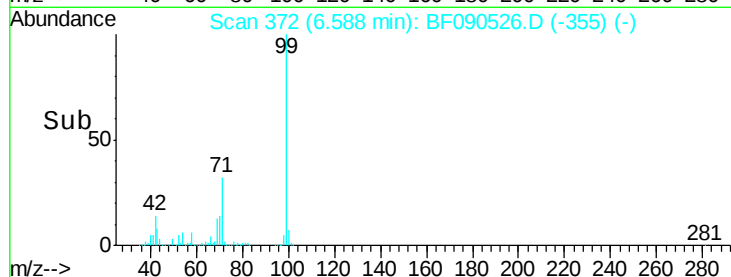
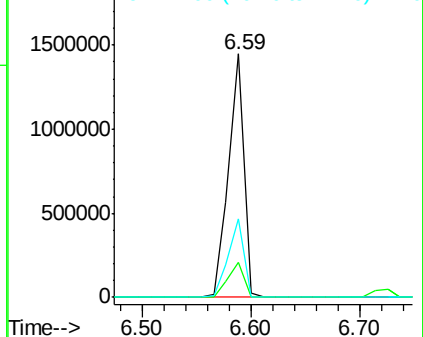
99 100

42 14.3 20.0 30.0#

71 32.1 27.9 41.9



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: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Tgt Ion: 136 Resp: 879851

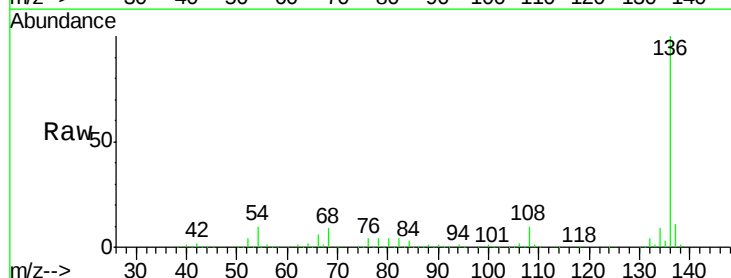
Ion Ratio Lower Upper

136 100

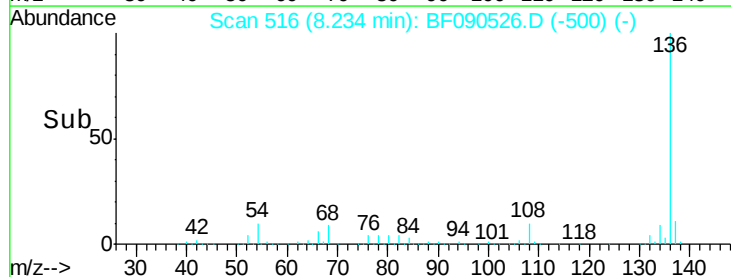
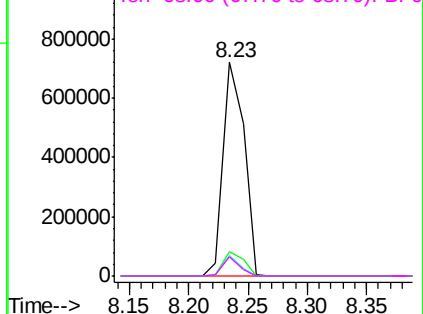
137 11.4 9.0 13.6

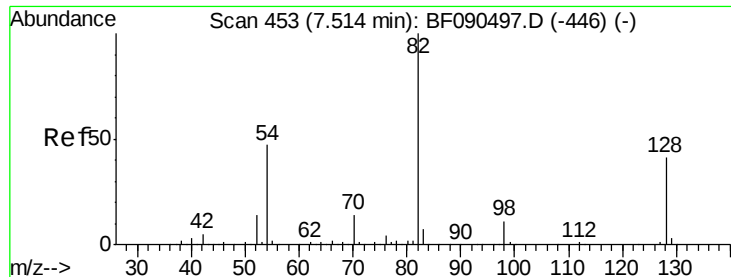
54 9.6 6.6 10.0

68 8.8 5.0 7.6#



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: 56.14 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Instrument :

BNA_F

ClientSampleId :

DFTPP

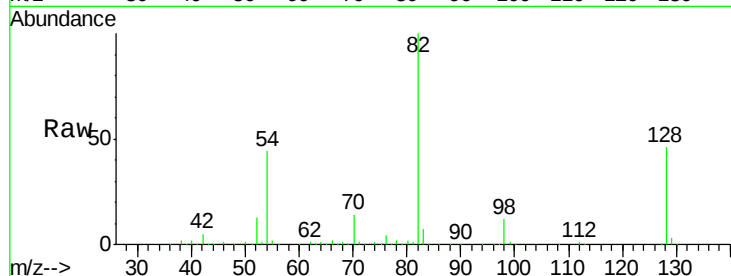
Tgt Ion: 82 Resp: 910717

Ion Ratio Lower Upper

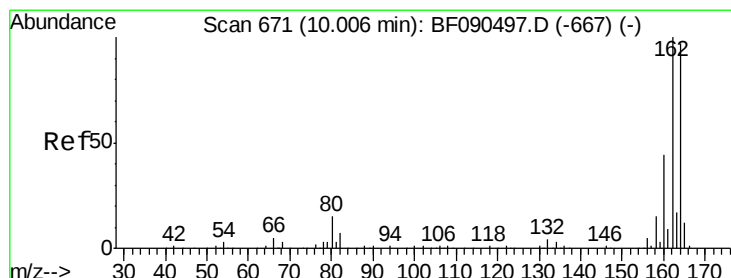
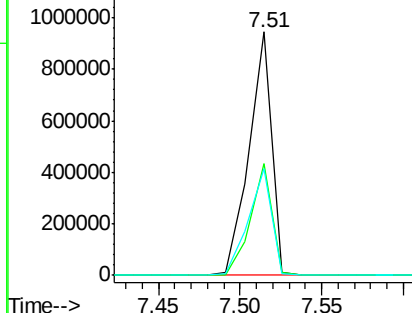
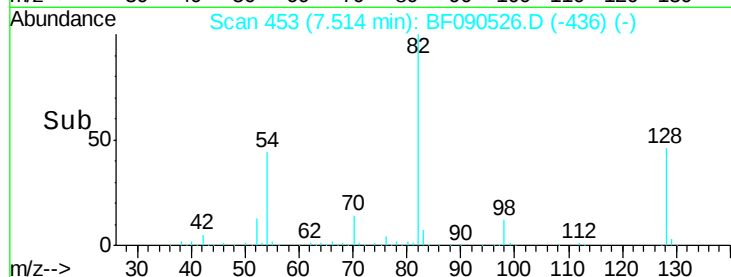
82 100

128 45.8 40.0 60.0

54 43.9 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

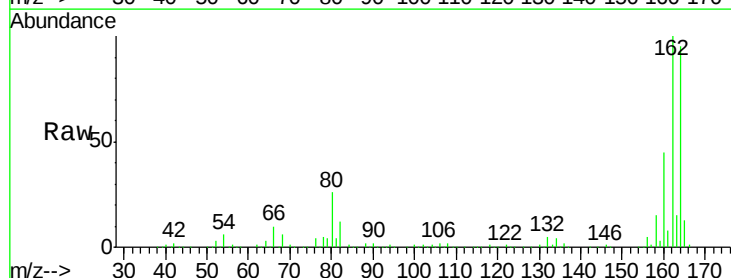
Tgt Ion: 164 Resp: 467305

Ion Ratio Lower Upper

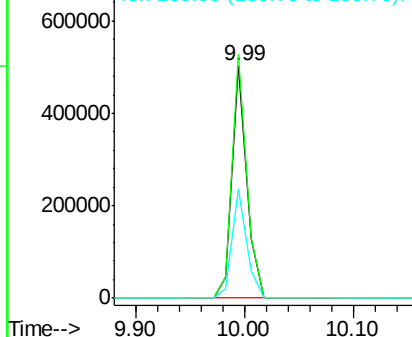
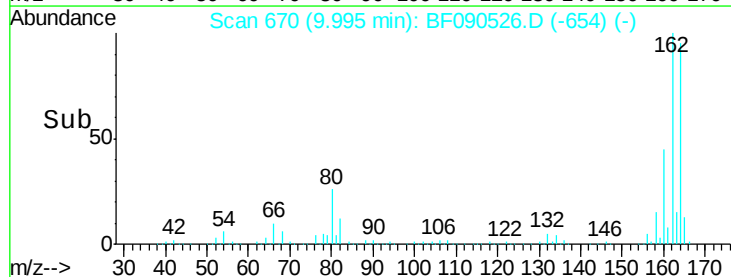
164 100

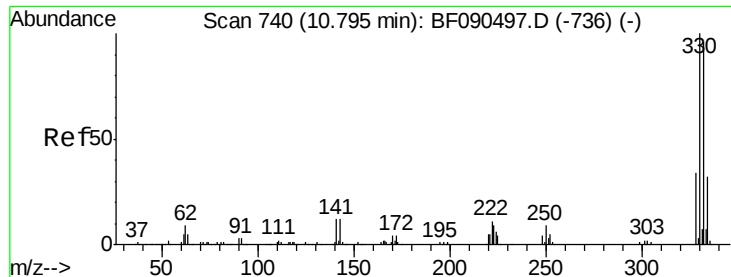
162 104.8 80.1 120.1

160 47.2 36.3 54.5



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

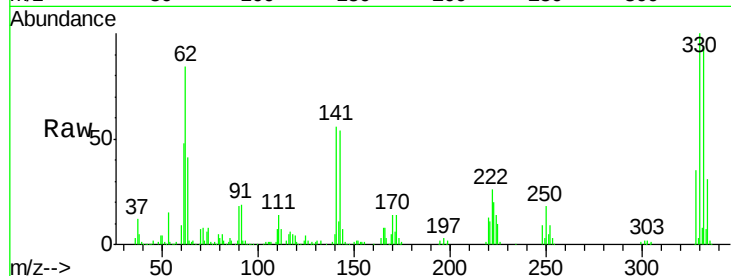




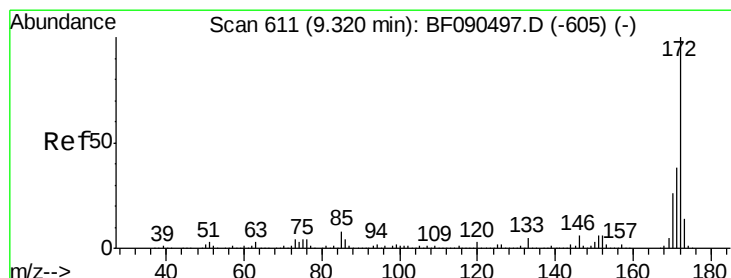
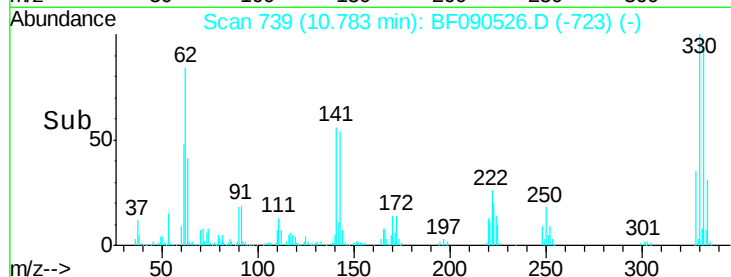
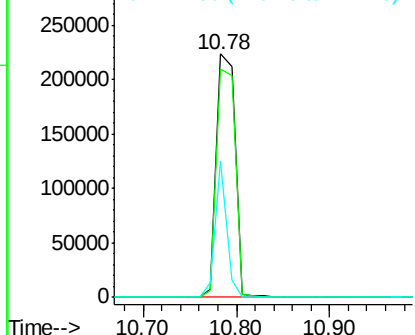
#41
 2,4,6-Tribromophenol
 Concen: 66.77 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090526.D
 Acq: 12 Oct 2016 3:42

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 309312
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.0
 141 34.6 26.9 40.3

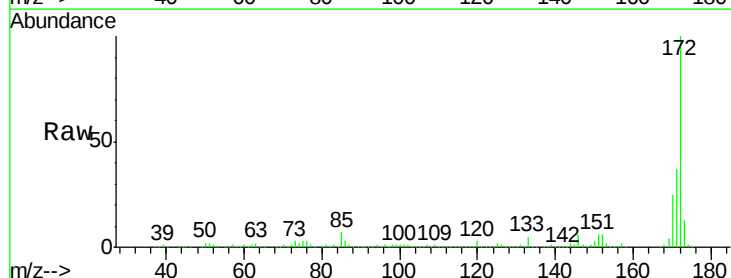


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

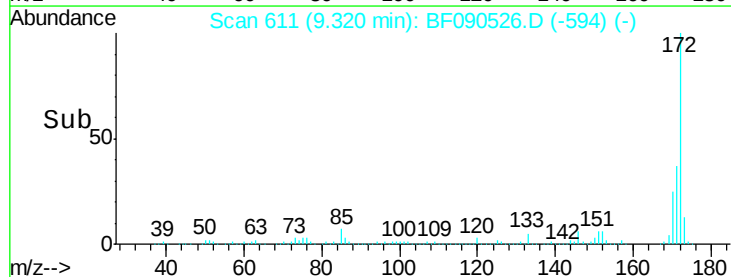
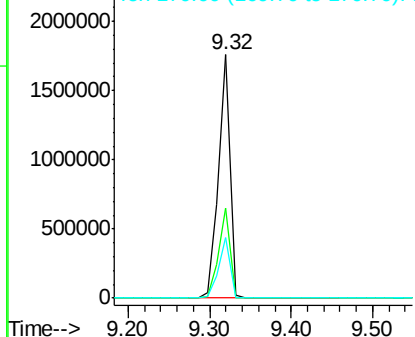


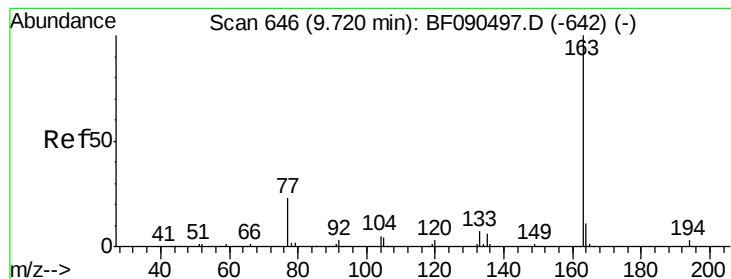
#44
 2-Fluorobiphenyl
 Concen: 61.94 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090526.D
 Acq: 12 Oct 2016 3:42

Tgt Ion:172 Resp: 1722445
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.8 47.8
 170 24.9 21.7 32.5



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: 5.33 ng

RT: 9.71 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Instrument :

BNA_F

ClientSampled :

DFTPP

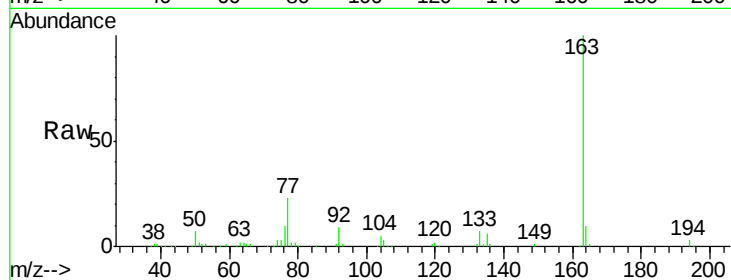
Tgt Ion:163 Resp: 167509

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

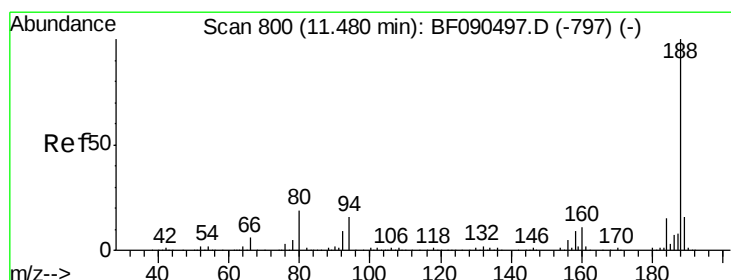
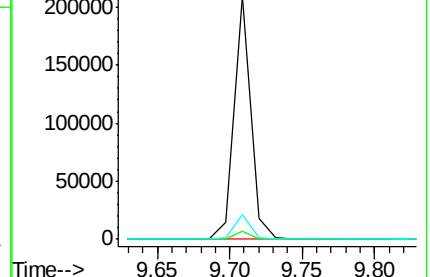
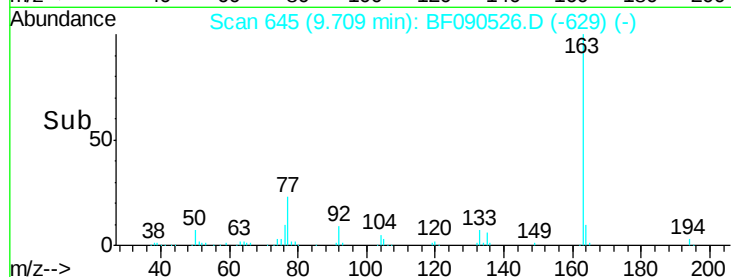
164 10.1 9.0 13.4



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: 11.48 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

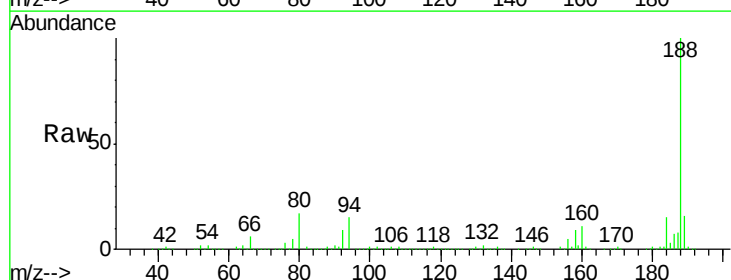
Tgt Ion:188 Resp: 744221

Ion Ratio Lower Upper

188 100

94 15.3 8.2 12.2#

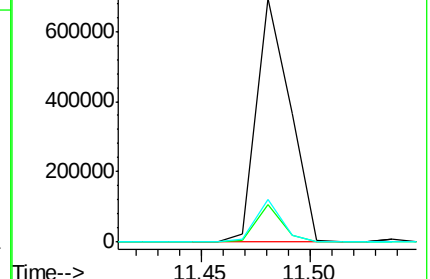
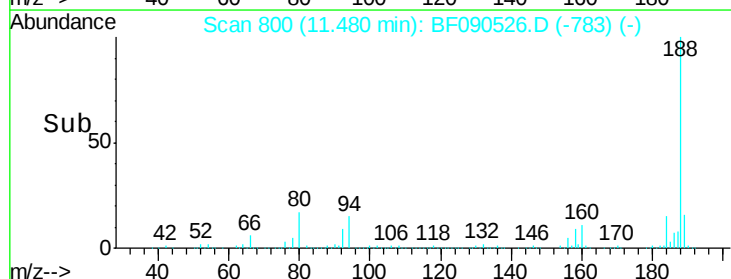
80 17.4 8.8 13.2#

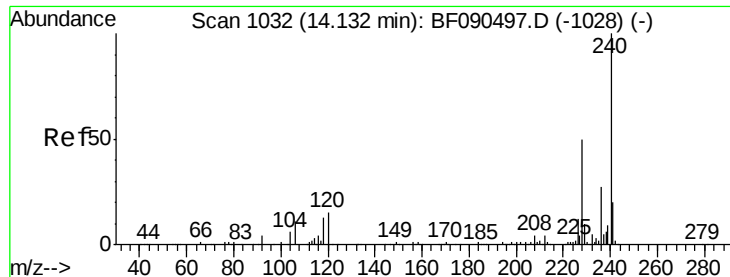


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

Instrument :

BNA_F

ClientSampled :

DFTPP

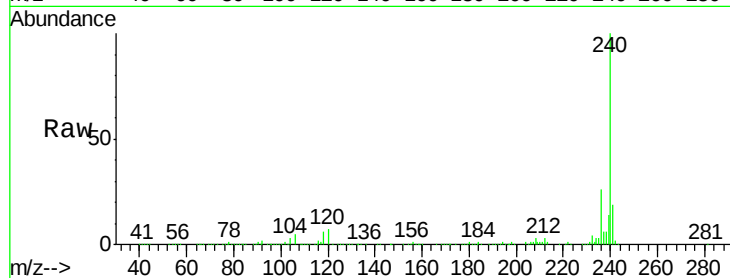
Tgt Ion:240 Resp: 558219

Ion Ratio Lower Upper

240 100

120 7.2 8.6 13.0#

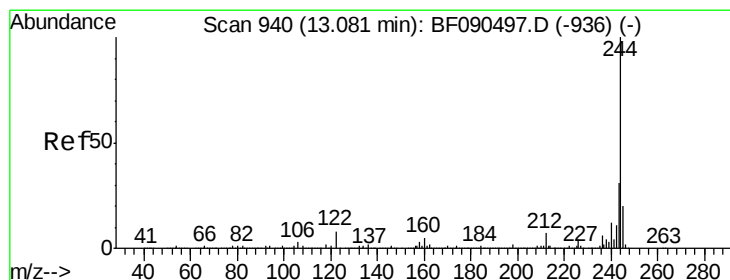
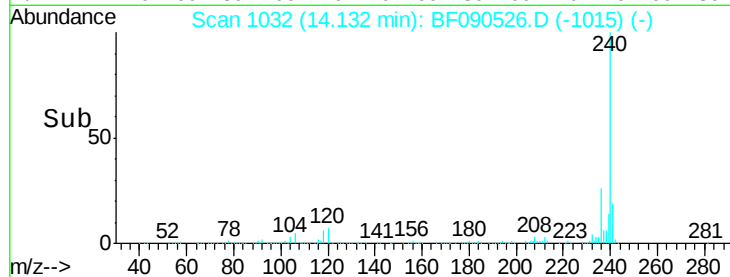
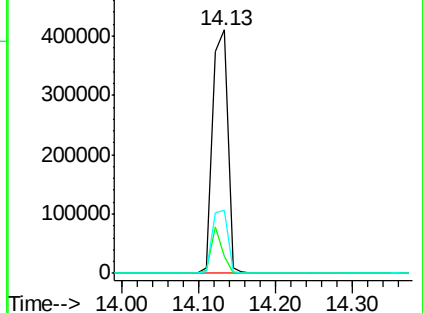
236 26.1 21.6 32.4



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: 68.64 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090526.D

Acq: 12 Oct 2016 3:42

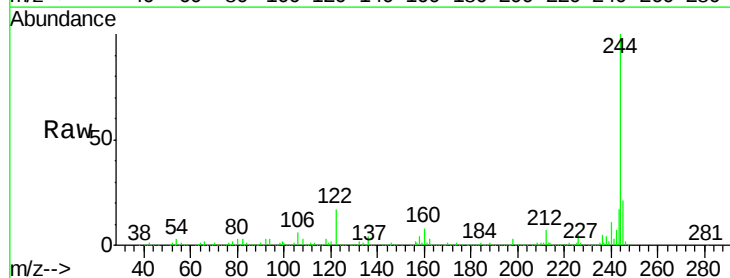
Tgt Ion:244 Resp: 1567801

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

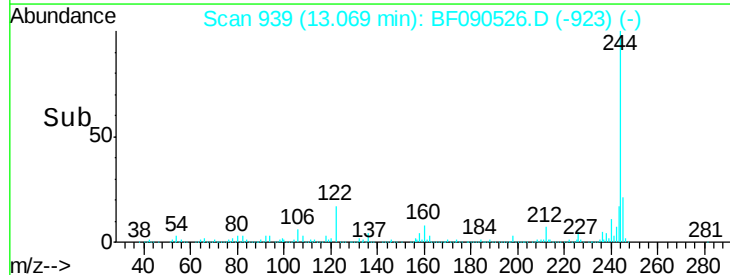
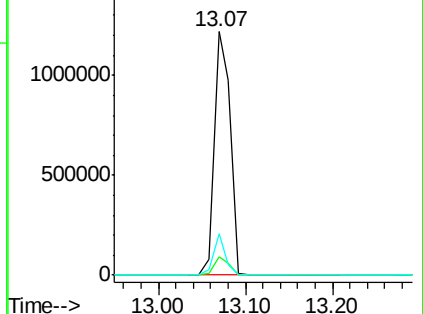
122 17.2 13.3 19.9

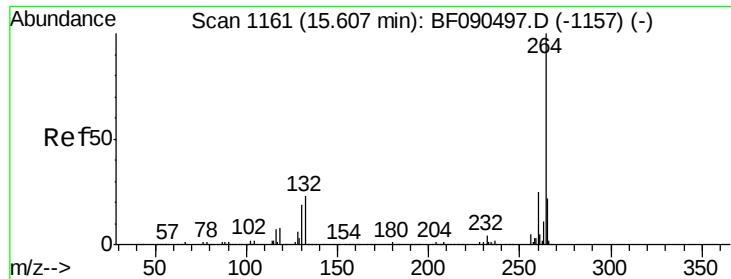


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.61 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF090526.D
Acq: 12 Oct 2016 3:42

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 402420
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.4 17.4 26.0

