

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090106.D
 Acq On : 16 Sep 2016 15:10
 Operator : UM/SJ
 Sample : Sand2
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Sand2

Quant Time: Sep 16 19:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

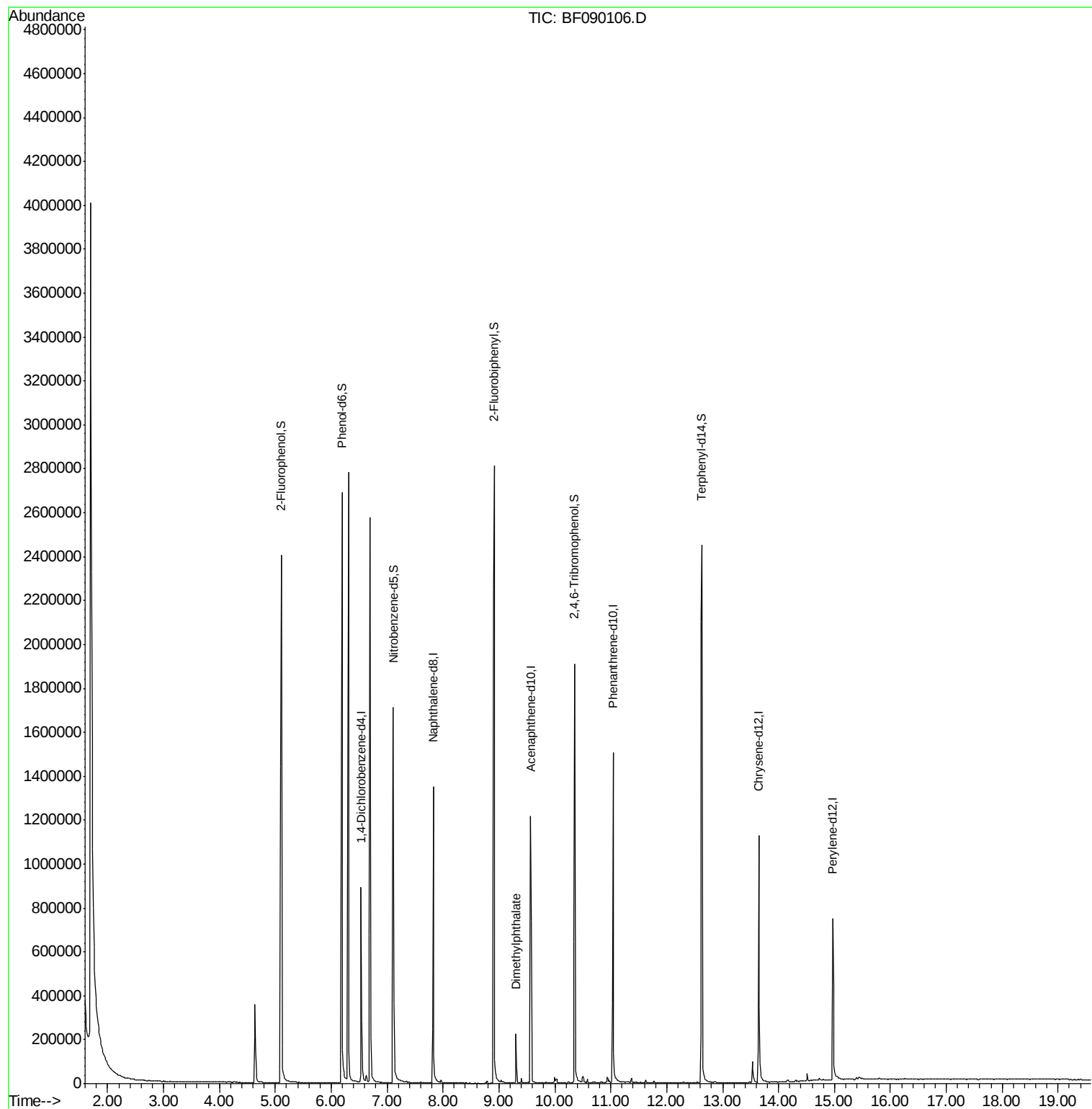
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	159663	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	663699	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	350794	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	592675	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	456624	20.00	ng	-0.02
86) Perylene-d12	14.97	264	364848	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	978014	98.52	ng	-0.01
7) Phenol-d6	6.19	99	1382256	106.35	ng	-0.01
23) Nitrobenzene-d5	7.11	82	709616	60.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	261408	74.19	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1359987	60.89	ng	-0.01
78) Terphenyl-d14	12.63	244	1198239	62.32	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.30	163	102482	3.93	ng	Qvalue 100

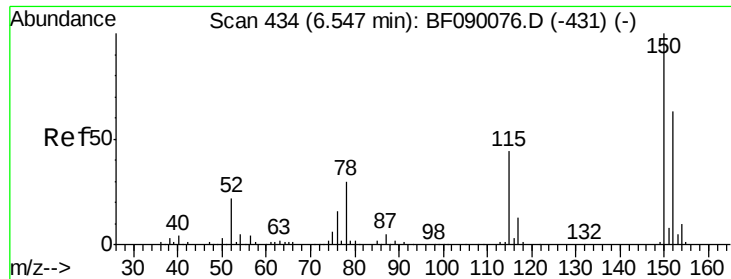
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

Instrument :

BNA_F

ClientSampleId :

Sand2

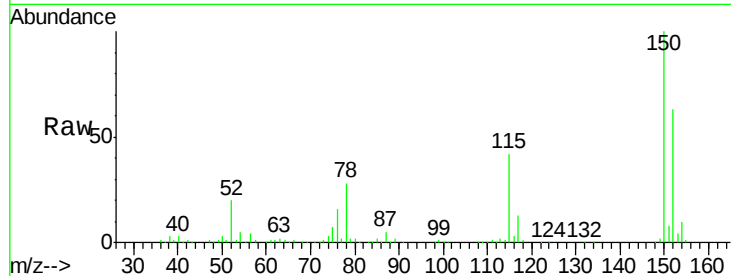
Tot Ion:152 Resp: 159663

Ion Ratio Lower Upper

152 100

150 157.6 128.9 193.3

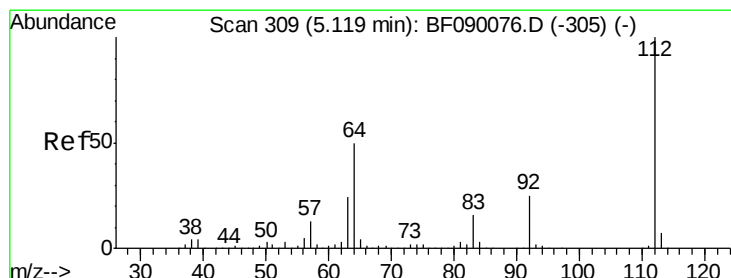
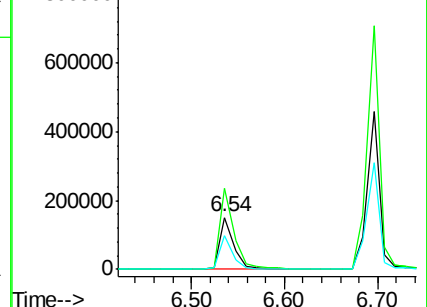
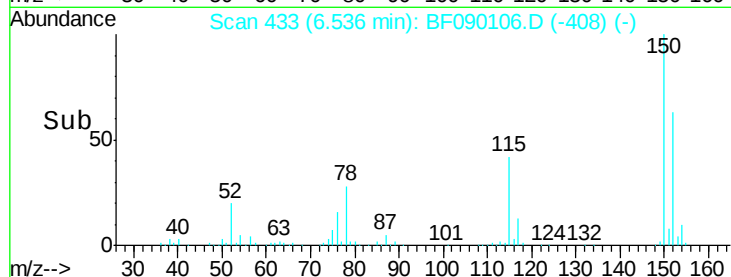
115 65.5 55.5 83.3



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: 98.52 ng

RT: 5.11 min Scan# 308

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

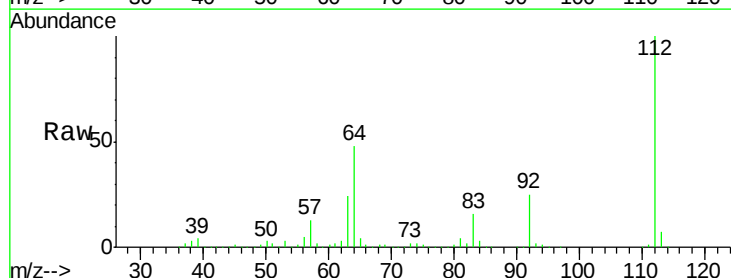
Tgt Ion:112 Resp: 978014

Ion Ratio Lower Upper

112 100

64 48.3 39.8 59.6

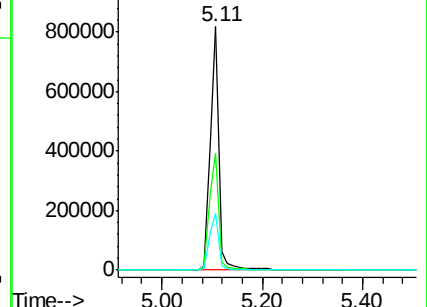
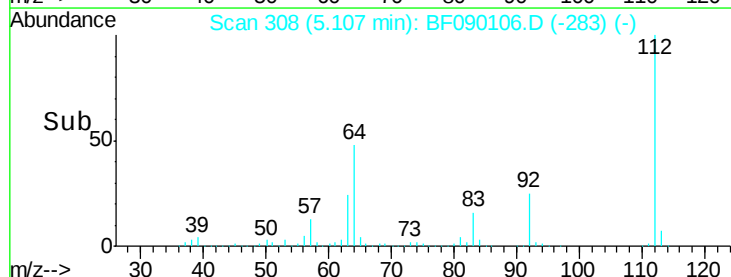
63 23.6 18.9 28.3

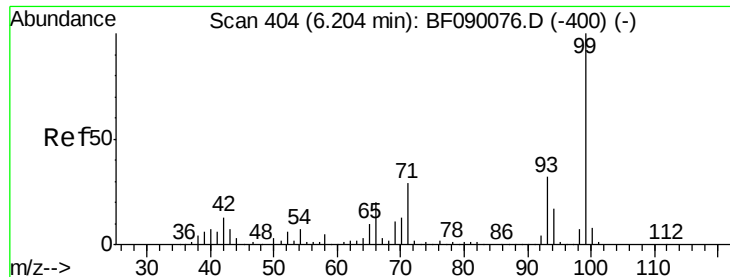


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.35 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

Instrument :

BNA_F

ClientSampleId :

Sand2

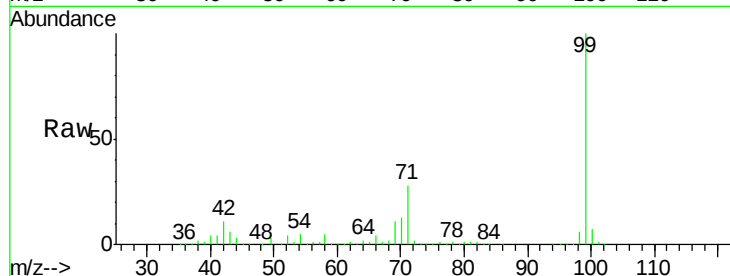
Tot Ion: 99 Resp: 1382256

Ion Ratio Lower Upper

99 100

42 11.5 10.6 15.8

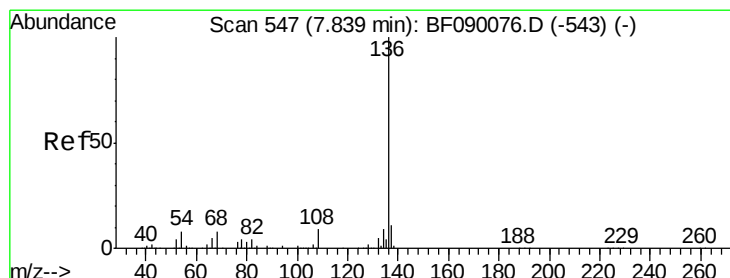
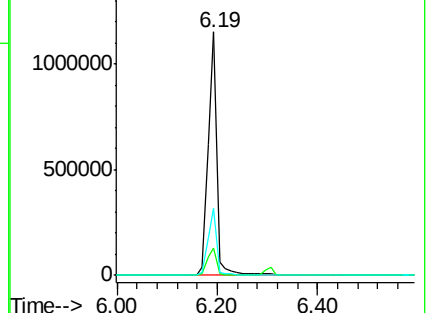
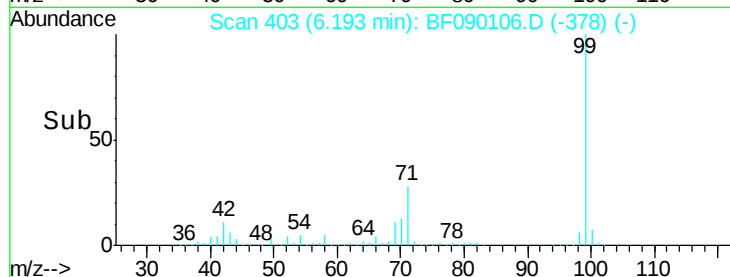
71 27.6 23.0 34.6



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: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

Tgt Ion: 136 Resp: 663699

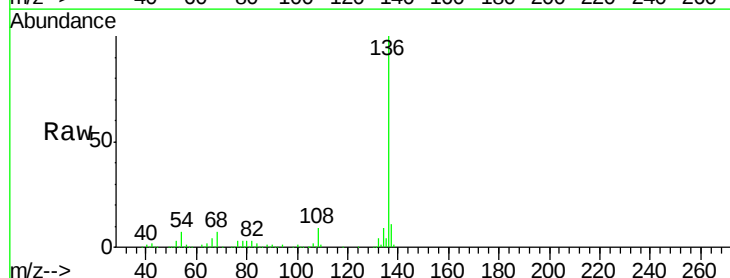
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 6.4 9.6

68 6.6 6.3 9.5

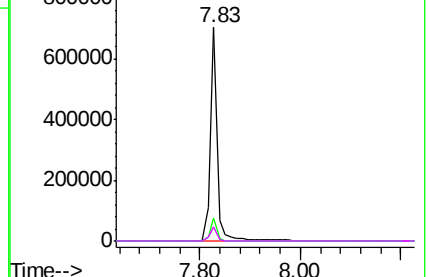
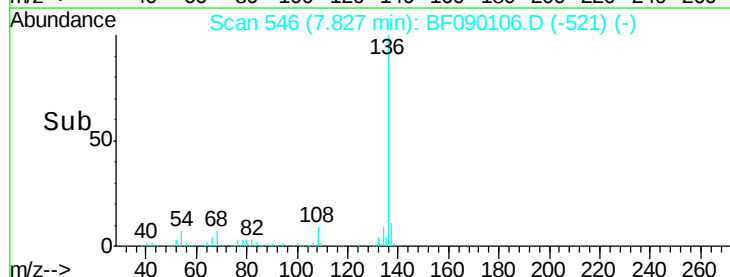


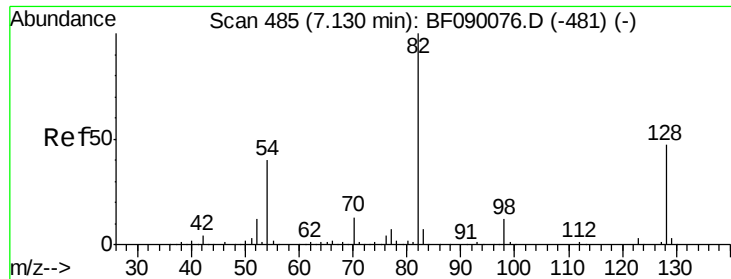
Abundance Ion 136.00 (135.70 to 136.70): E

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

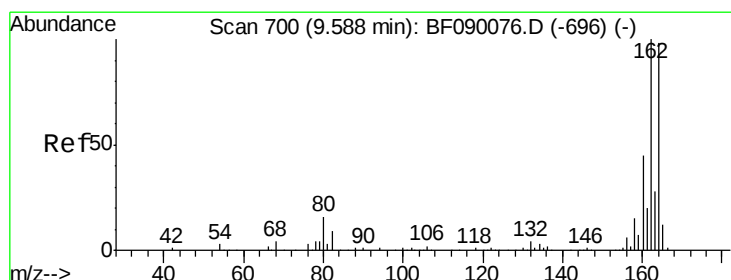
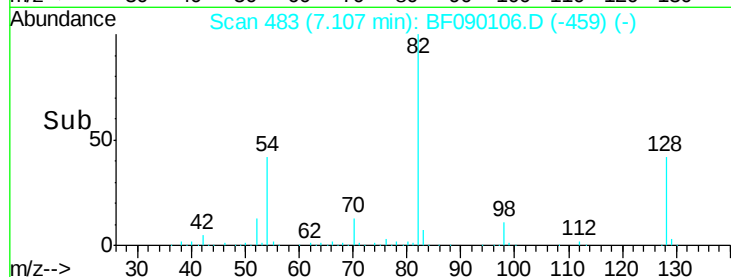
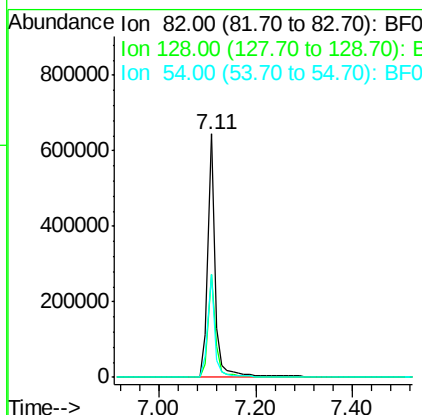
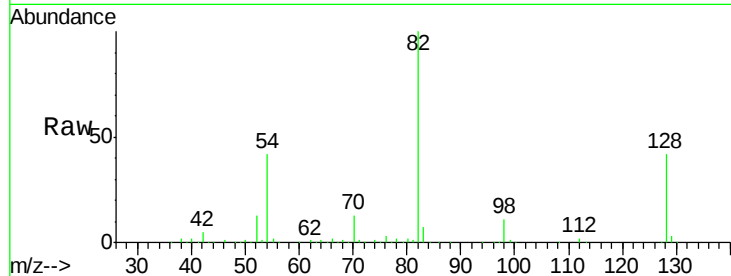




#23
 Nitrobenzene-d5
 Concen: 60.12 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090106.D
 Acq: 16 Sep 2016 15:10

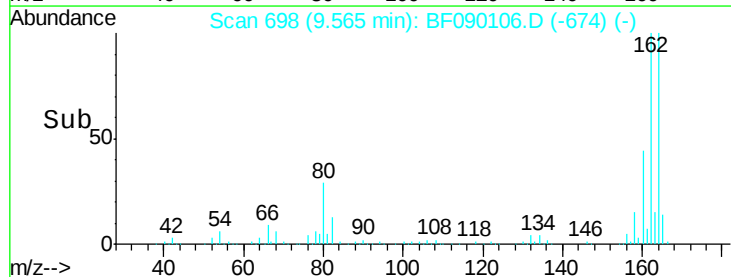
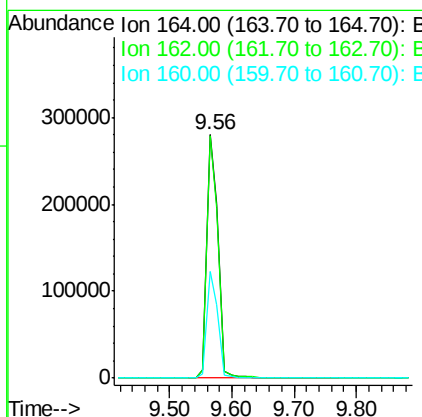
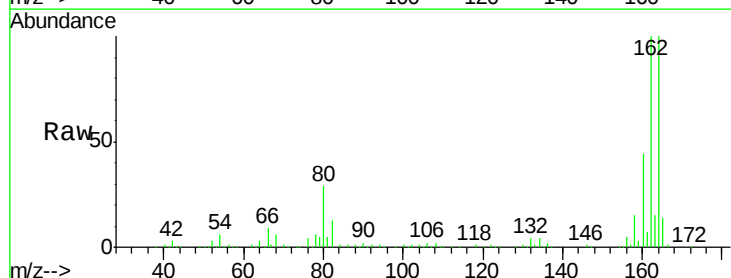
Instrument :
 BNA_F
 ClientSampled :
 Sand2

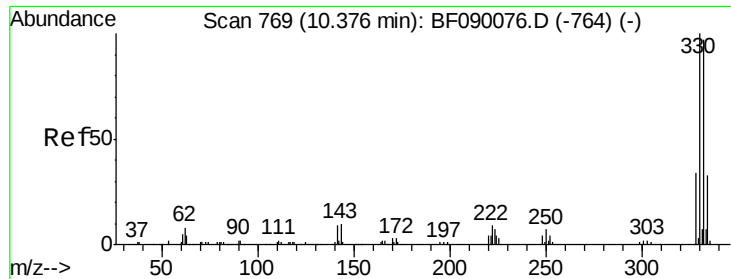
Tot Ion: 82 Resp: 709616
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.5 56.3
 54 42.0 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090106.D
 Acq: 16 Sep 2016 15:10

Tgt Ion: 164 Resp: 350794
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.4 122.2
 160 43.9 36.6 54.8

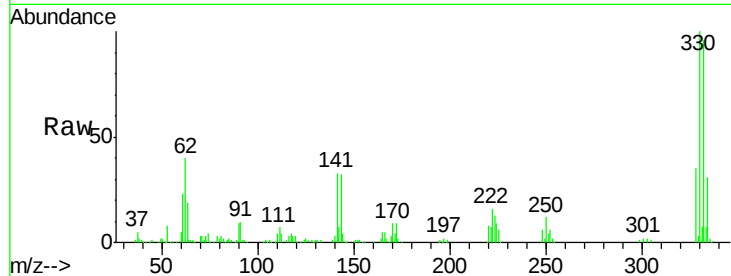




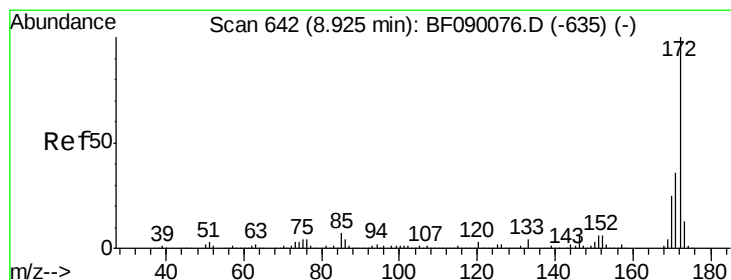
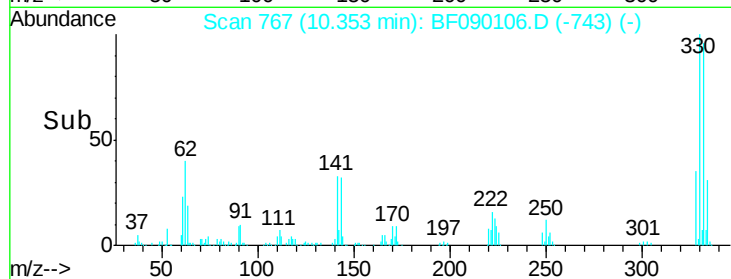
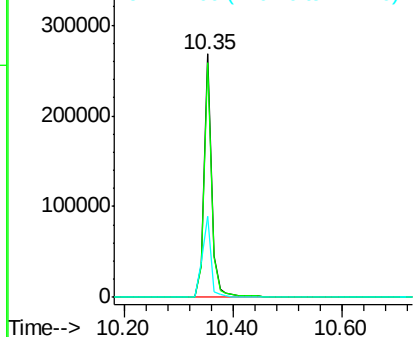
#41
 2,4,6-Tribromophenol
 Concen: 74.19 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090106.D
 Acq: 16 Sep 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 Sand2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	37.7	23.9	35.9#

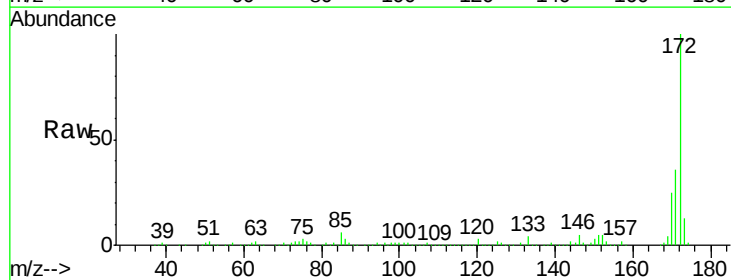


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

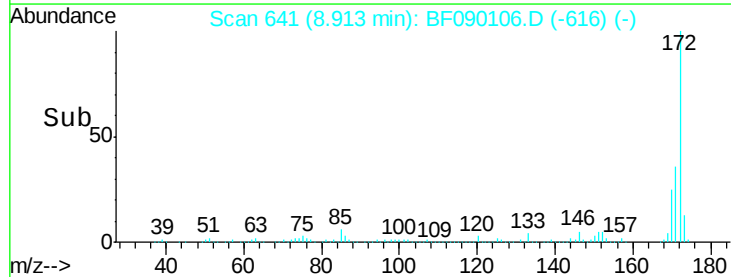
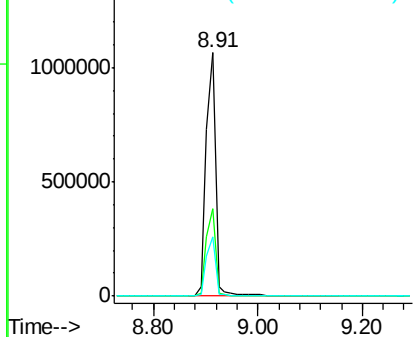


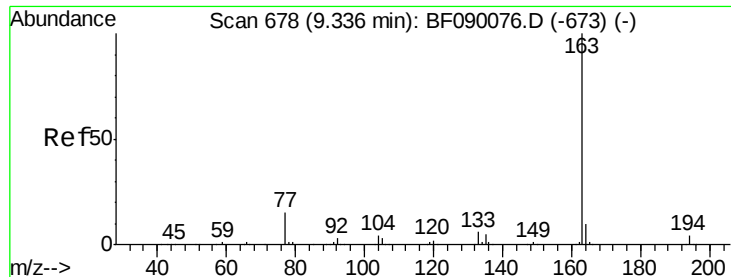
#44
 2-Fluorobiphenyl
 Concen: 60.89 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090106.D
 Acq: 16 Sep 2016 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.6	19.8	29.8



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: 3.93 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

Instrument :

BNA_F

ClientSampleId :

Sand2

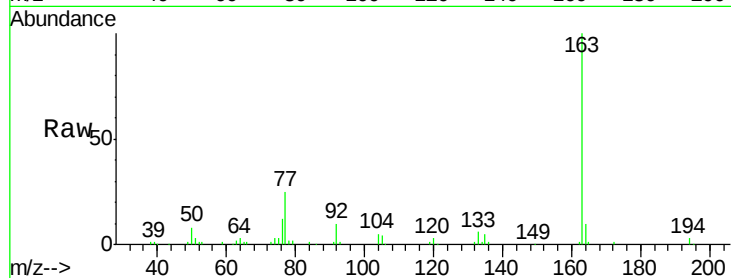
Tot Ion:163 Resp: 102482

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

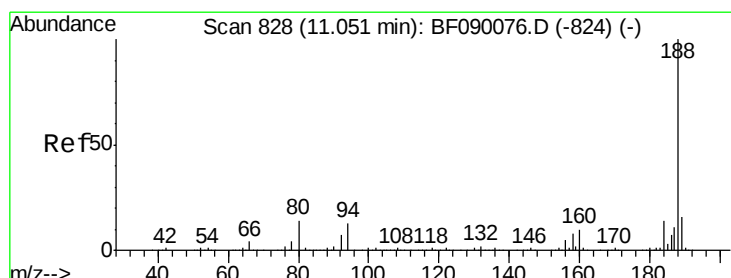
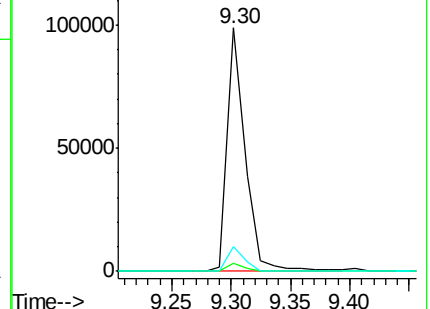
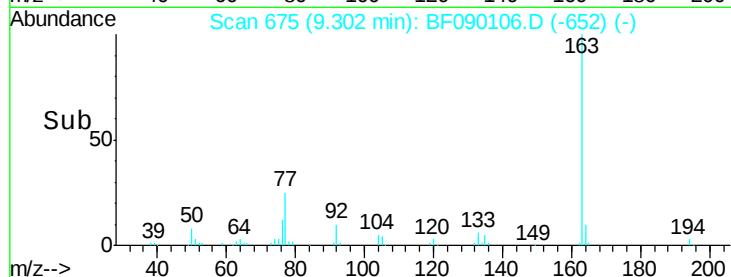
164 10.2 8.1 12.1



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: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

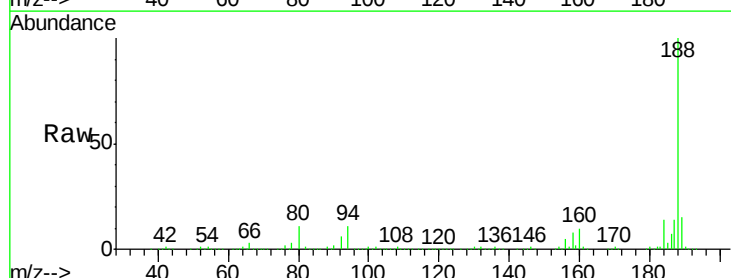
Tgt Ion:188 Resp: 592675

Ion Ratio Lower Upper

188 100

94 11.2 10.5 15.7

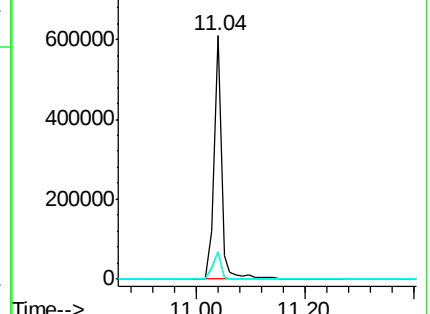
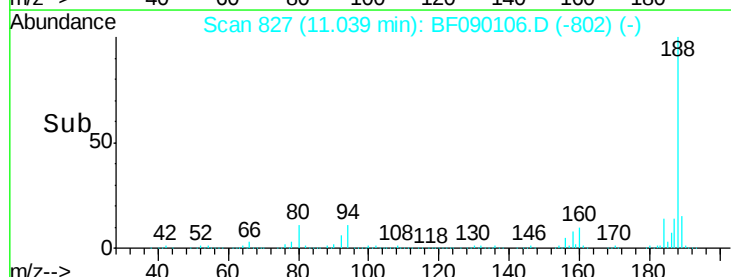
80 11.0 11.2 16.8#

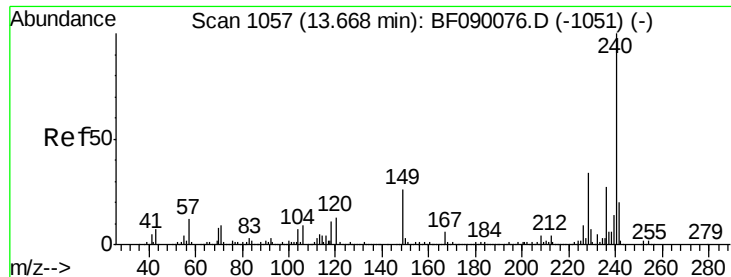


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

Instrument :

BNA_F

ClientSampled :

Sand2

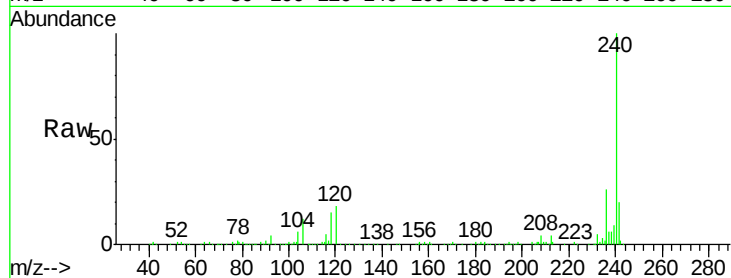
Tot Ion:240 Resp: 456624

Ion Ratio Lower Upper

240 100

120 18.1 10.6 16.0#

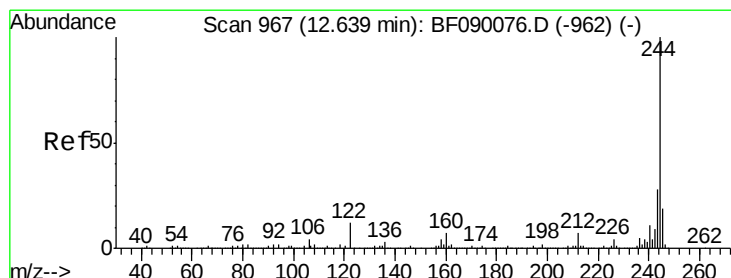
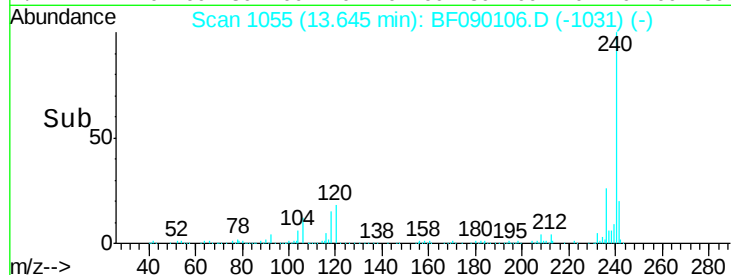
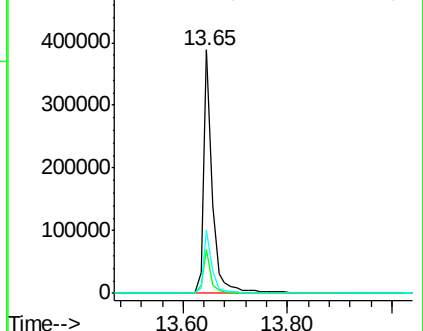
236 26.1 21.6 32.4



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: 62.32 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090106.D

Acq: 16 Sep 2016 15:10

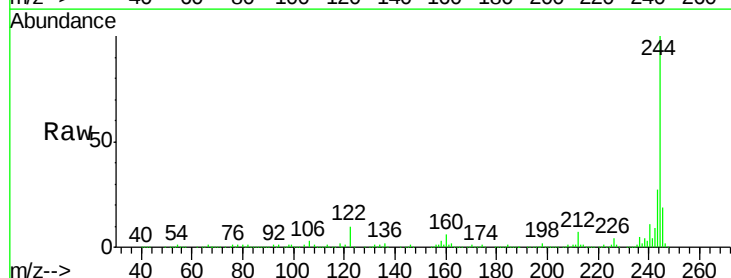
Tgt Ion:244 Resp: 1198239

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

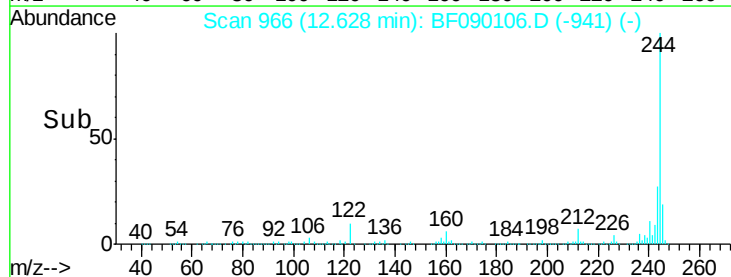
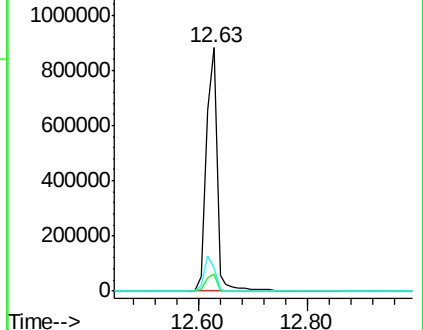
122 9.7 9.4 14.0

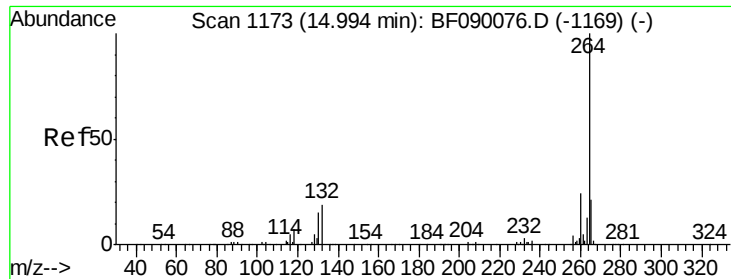


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090106.D
Acq: 16 Sep 2016 15:10

Instrument :
BNA_F
ClientSampleId :
Sand2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.0	25.4

