

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090105.D
 Acq On : 16 Sep 2016 14:42
 Operator : UM/SJ
 Sample : Sand1
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Sand1

Quant Time: Sep 16 19:14:35 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

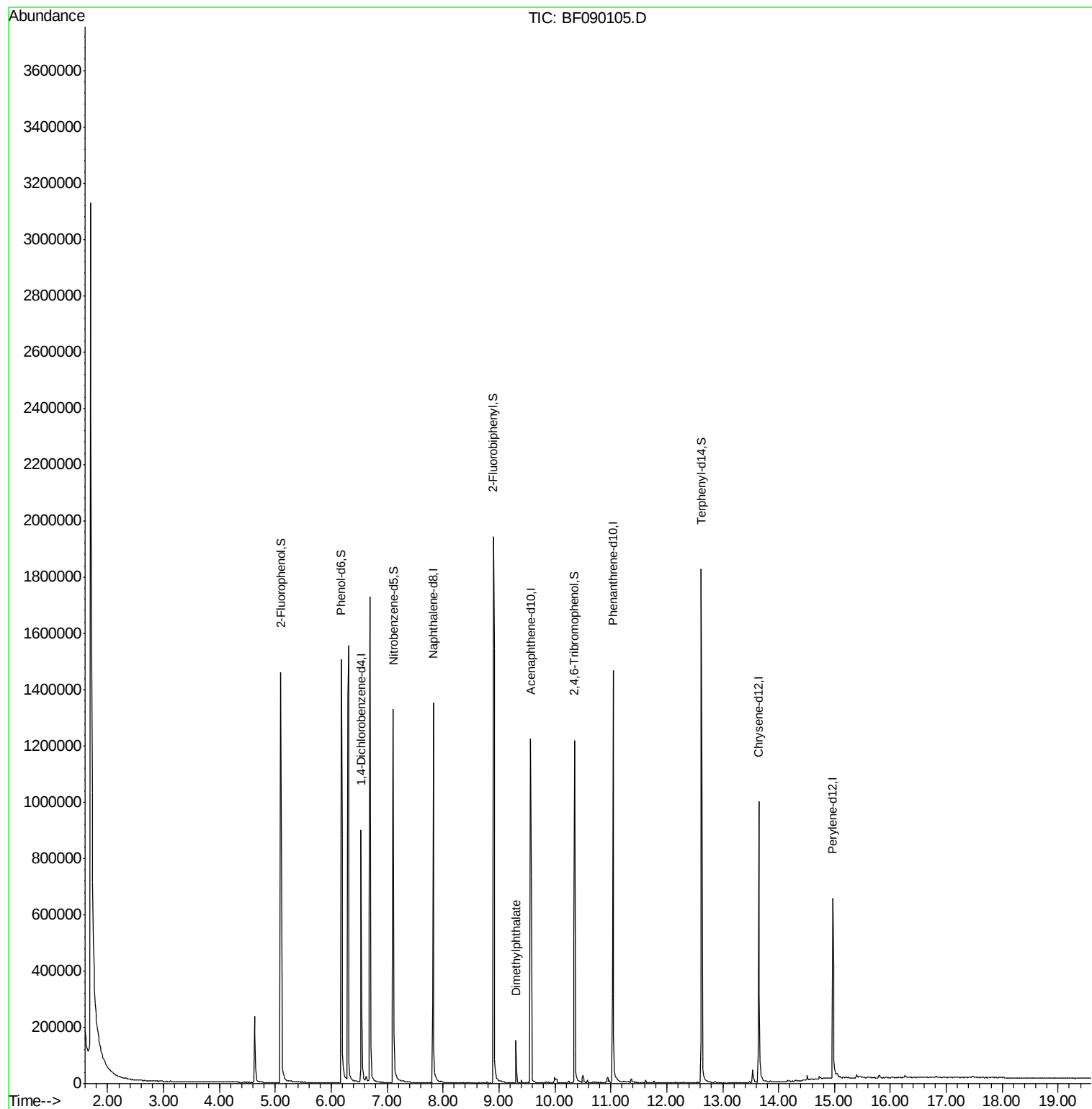
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	159199	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	670588	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	350749	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	578603	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	414932	20.00	ng	-0.02
86) Perylene-d12	14.97	264	326189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	605801	61.20	ng	-0.02
7) Phenol-d6	6.18	99	856025	66.06	ng	-0.02
23) Nitrobenzene-d5	7.11	82	530358	44.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	183306	52.03	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	964155	43.17	ng	-0.02
78) Terphenyl-d14	12.62	244	794690	45.48	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.30	163	70010	2.69	ng	99

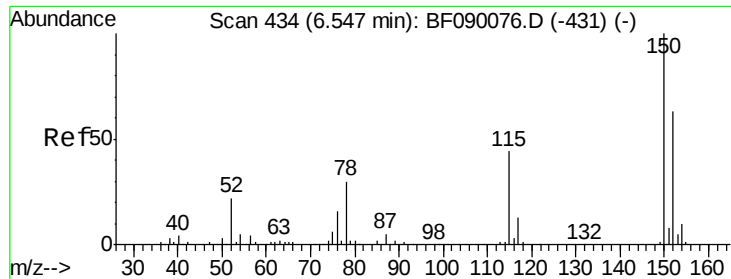
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090105.D

Acq: 16 Sep 2016 14:42

Instrument :

BNA_F

ClientSampleId :

Sand1

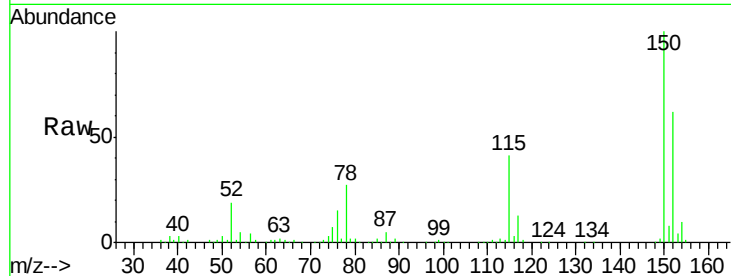
Tot Ion:152 Resp: 159199

Ion Ratio Lower Upper

152 100

150 160.2 128.9 193.3

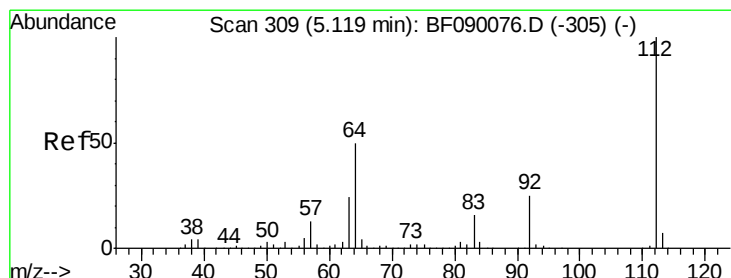
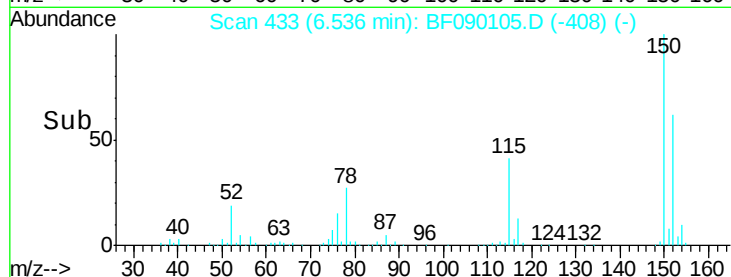
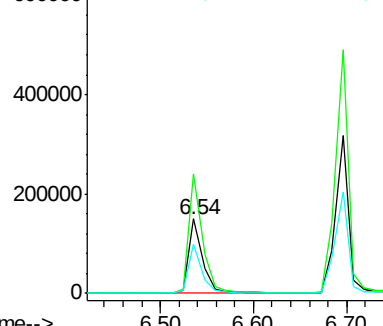
115 66.2 55.5 83.3



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: 61.20 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.02 min

Lab File: BF090105.D

Acq: 16 Sep 2016 14:42

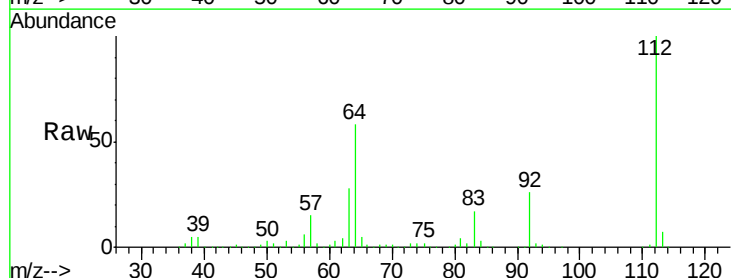
Tgt Ion:112 Resp: 605801

Ion Ratio Lower Upper

112 100

64 58.2 39.8 59.6

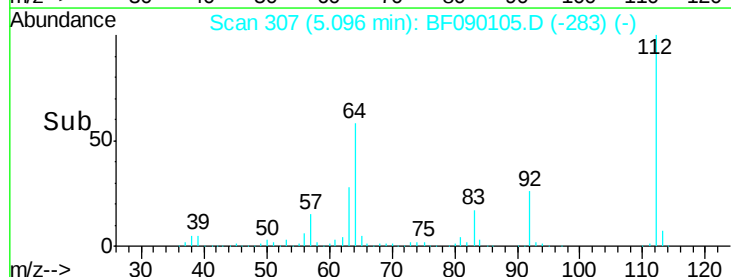
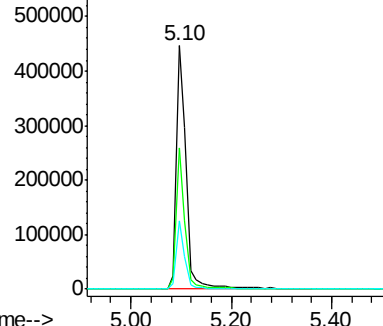
63 28.0 18.9 28.3

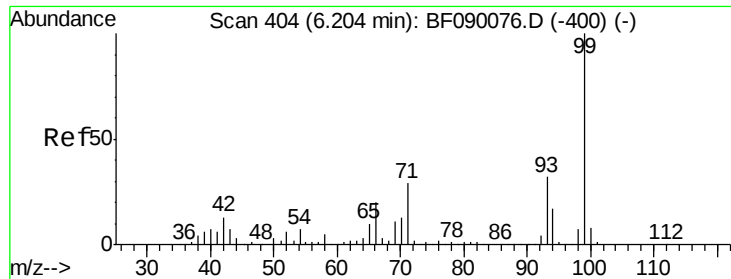


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.06 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF090105.D

Acq: 16 Sep 2016 14:42

Instrument :

BNA_F

ClientSampleId :

Sand1

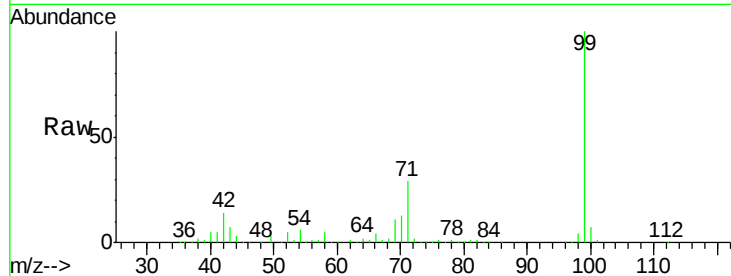
Tot Ion: 99 Resp: 856025

Ion Ratio Lower Upper

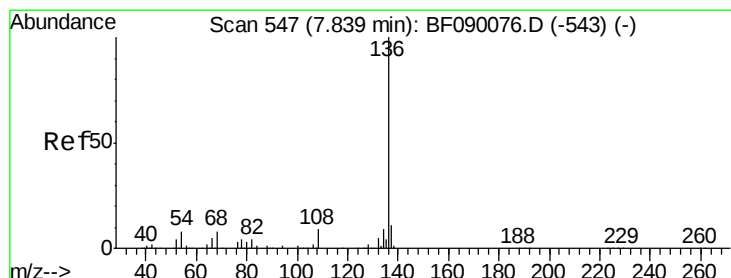
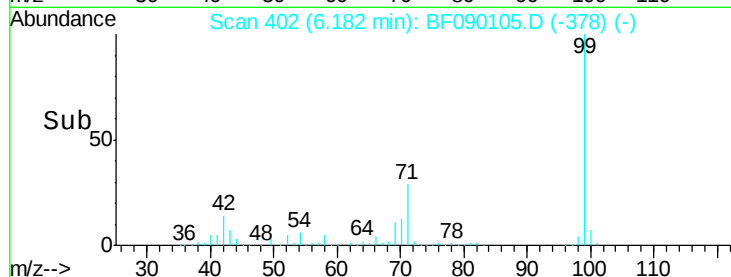
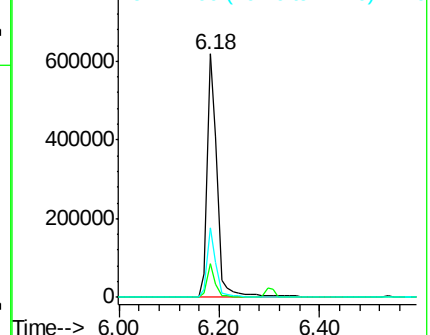
99 100

42 13.7 10.6 15.8

71 28.7 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: BF090105.D

Acq: 16 Sep 2016 14:42

Tgt Ion: 136 Resp: 670588

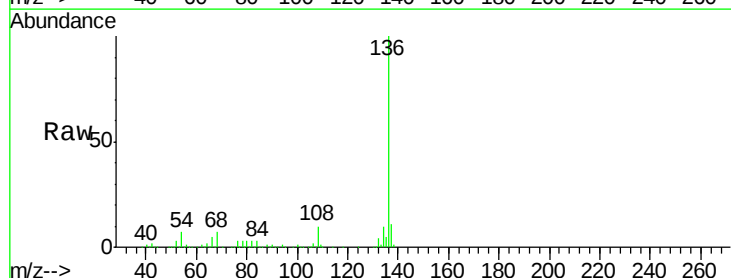
Ion Ratio Lower Upper

136 100

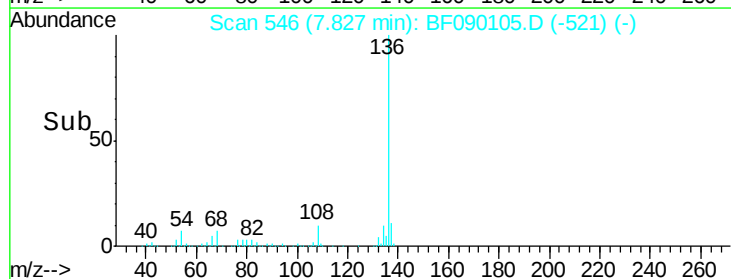
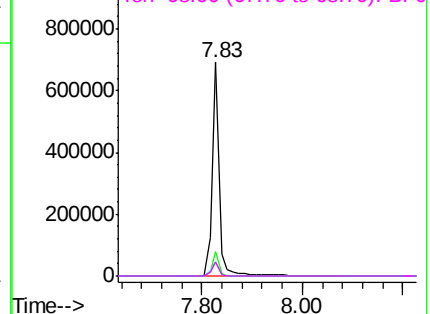
137 11.3 9.0 13.4

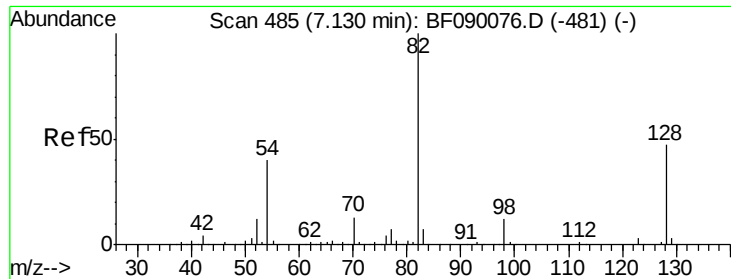
54 6.9 6.4 9.6

68 6.7 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

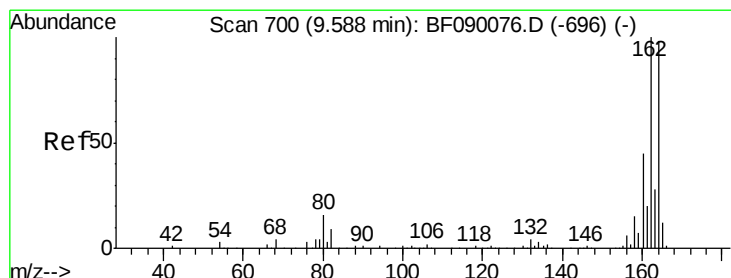
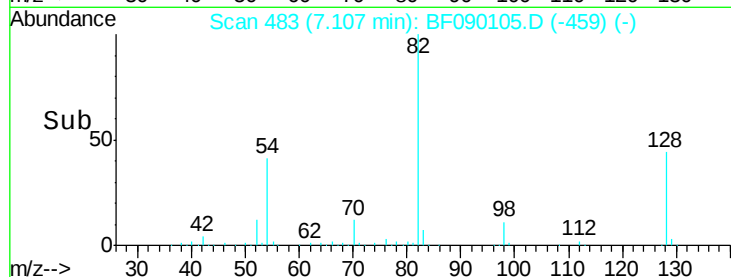
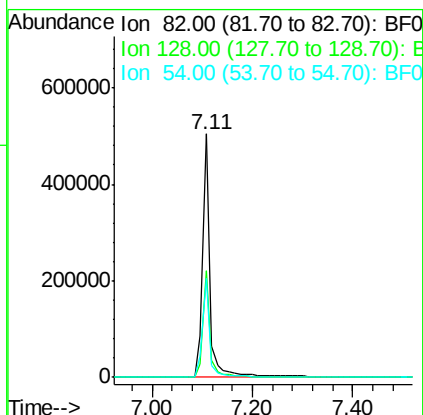
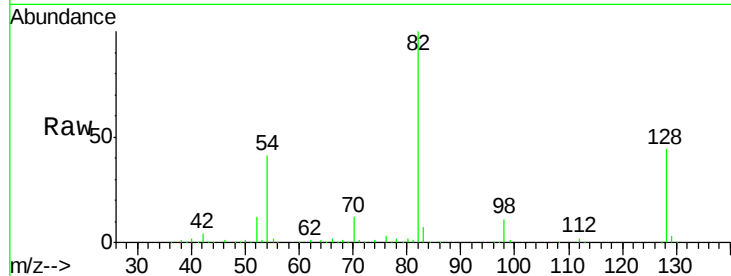




#23
 Nitrobenzene-d5
 Concen: 44.47 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090105.D
 Acq: 16 Sep 2016 14:42

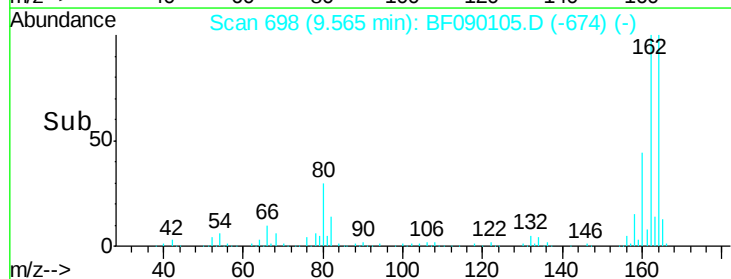
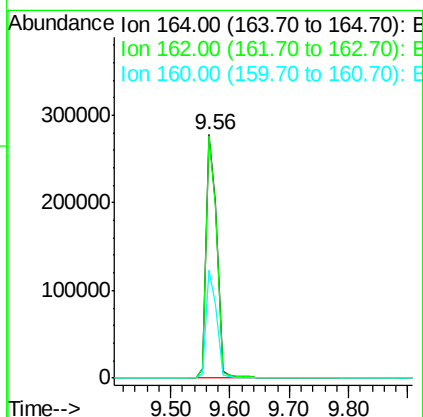
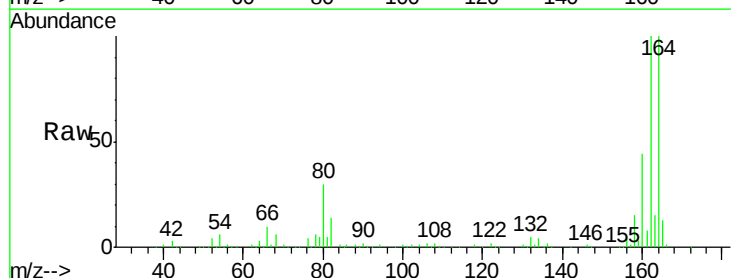
Instrument :
 BNA_F
 ClientSampled :
 Sand1

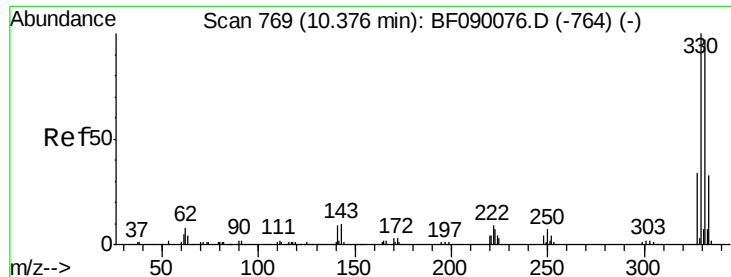
Tot Ion	82	Resp	530358
Ion Ratio	100	Lower	Upper
128	43.8	37.5	56.3
54	40.8	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090105.D
 Acq: 16 Sep 2016 14:42

Tgt Ion	164	Resp	350749
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.7	81.4	122.2
160	44.4	36.6	54.8

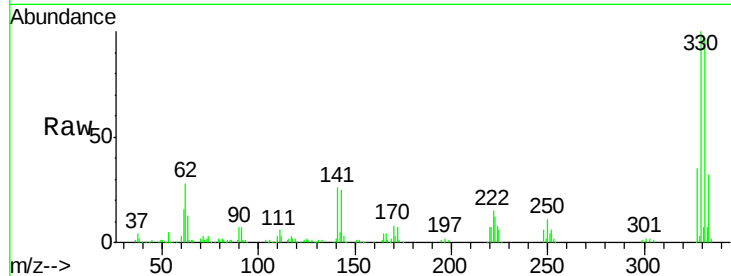




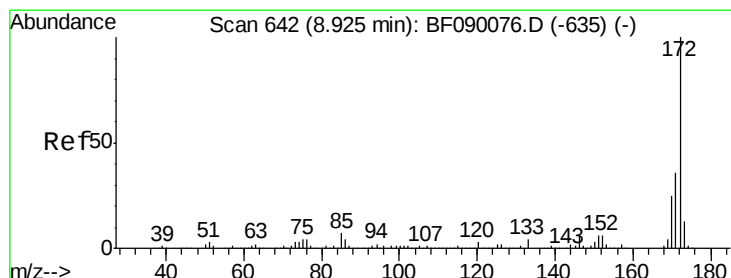
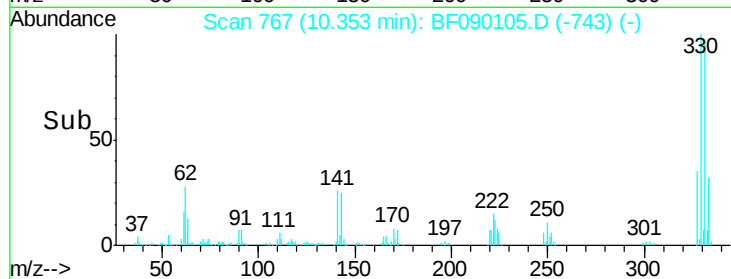
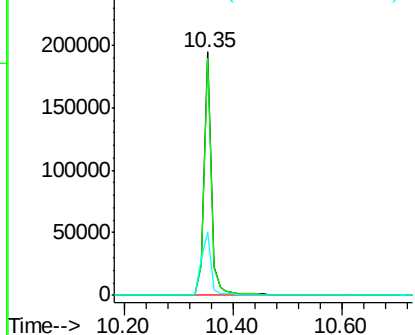
#41
 2,4,6-Tribromophenol
 Concen: 52.03 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090105.D
 Acq: 16 Sep 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 Sand1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	33.6	23.9	35.9

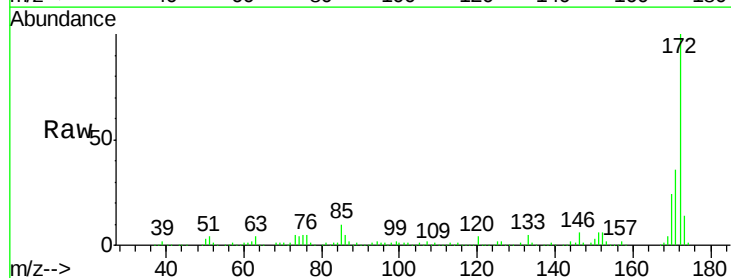


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

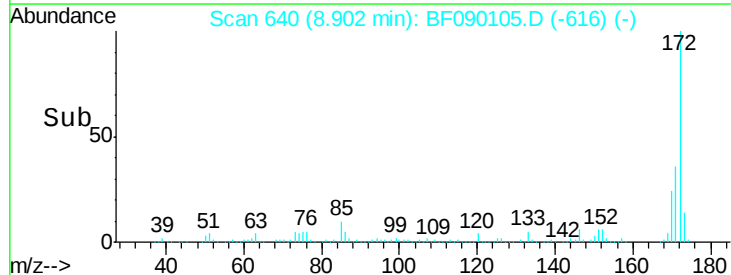
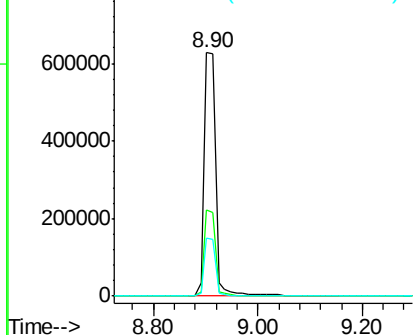


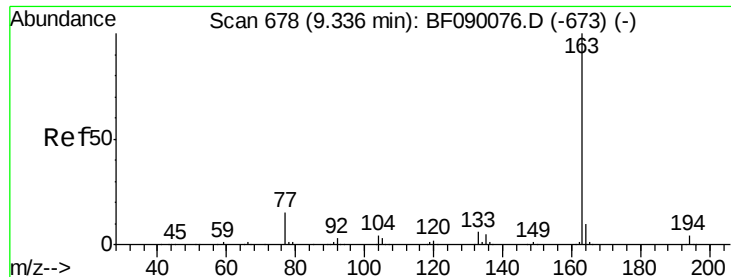
#44
 2-Fluorobiphenyl
 Concen: 43.17 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF090105.D
 Acq: 16 Sep 2016 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.0	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: 2.69 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF090105.D

Acq: 16 Sep 2016 14:42

Instrument :

BNA_F

ClientSampleId :

Sand1

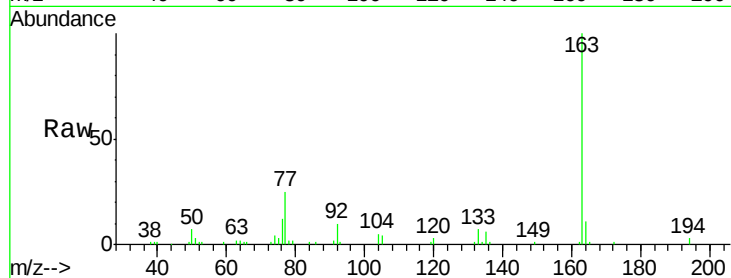
Tot Ion:163 Resp: 70010

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

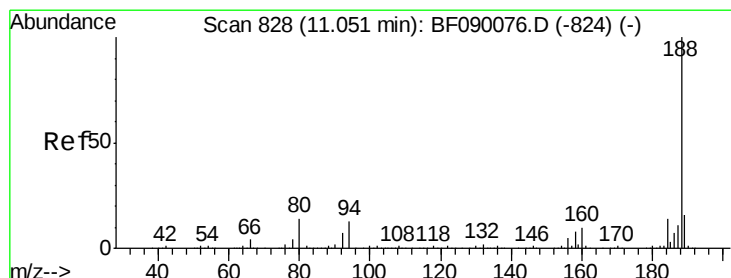
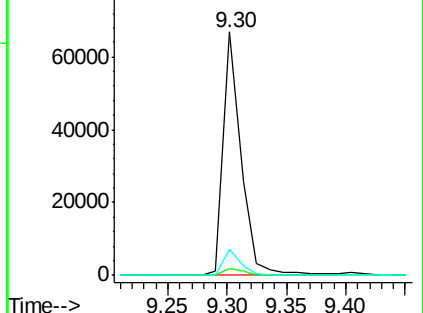
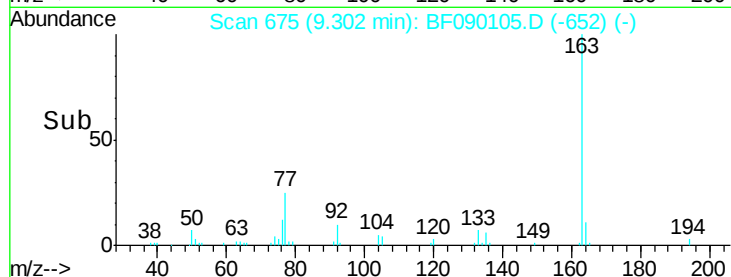
164 10.6 8.1 12.1



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: BF090105.D

Acq: 16 Sep 2016 14:42

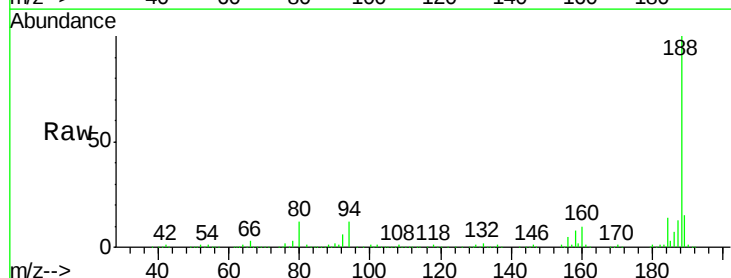
Tgt Ion:188 Resp: 578603

Ion Ratio Lower Upper

188 100

94 11.9 10.5 15.7

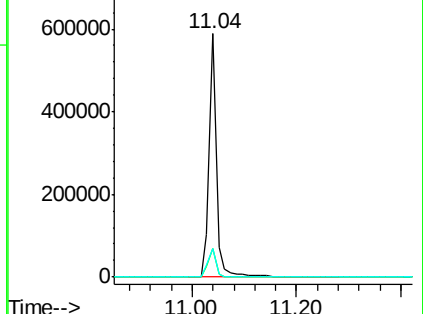
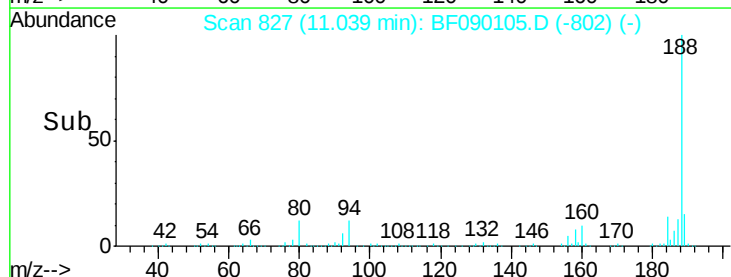
80 11.7 11.2 16.8

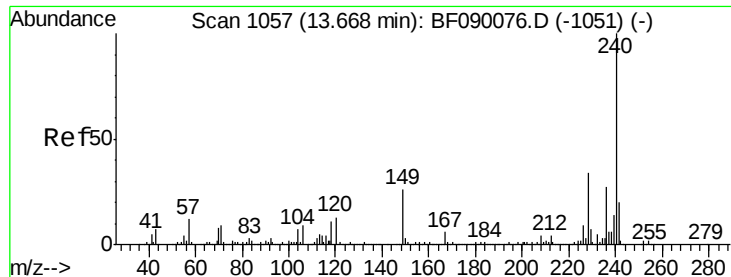


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090105.D

Acq: 16 Sep 2016 14:42

Instrument :

BNA_F

ClientSampleId :

Sand1

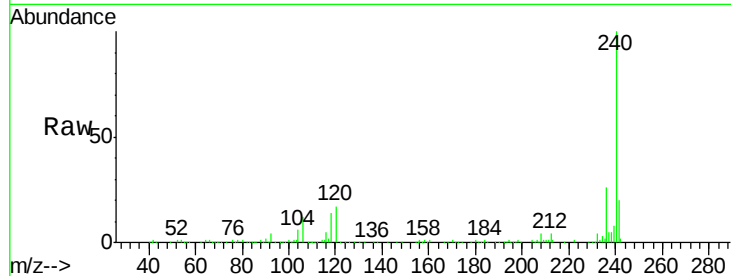
Tot Ion:240 Resp: 414932

Ion Ratio Lower Upper

240 100

120 17.1 10.6 16.0#

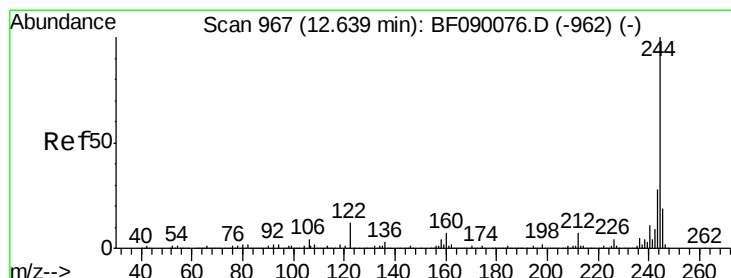
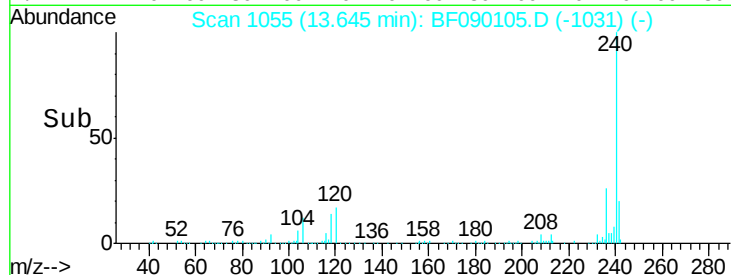
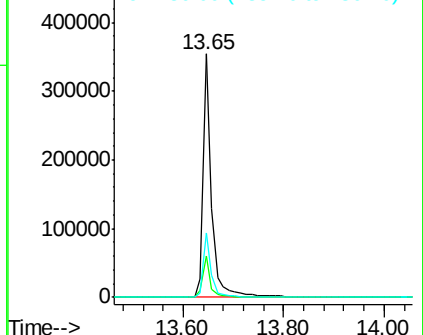
236 26.5 21.6 32.4



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: 45.48 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF090105.D

Acq: 16 Sep 2016 14:42

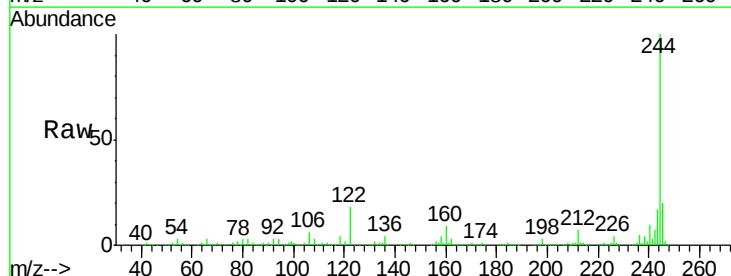
Tgt Ion:244 Resp: 794690

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

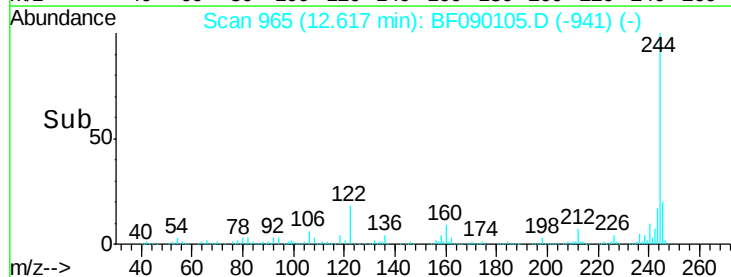
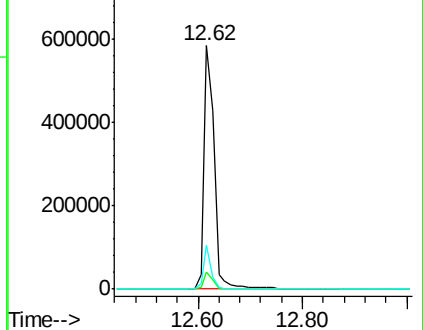
122 17.9 9.4 14.0#

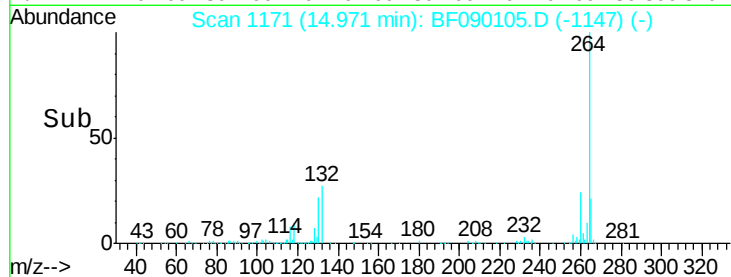
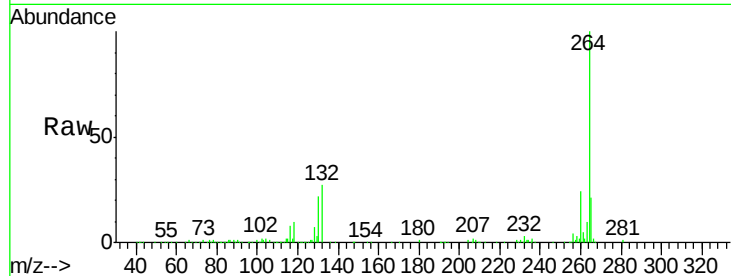
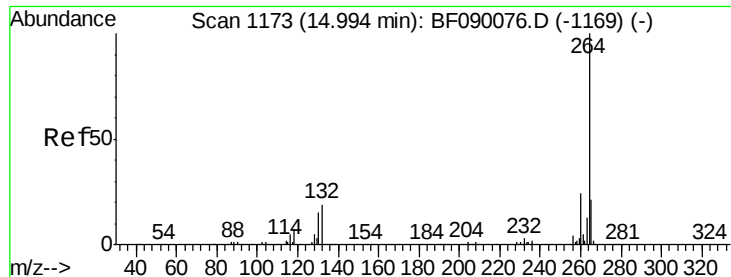


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090105.D
Acq: 16 Sep 2016 14:42

Instrument :
BNA_F
ClientSampleId :
Sand1

Tot Ion:	264	Resp:	326189
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.0	25.4

