

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090312.D
 Acq On : 30 Sep 2016 13:22
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Quant Time: Sep 30 14:53:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 14:52:15 2016
 Response via : Initial Calibration

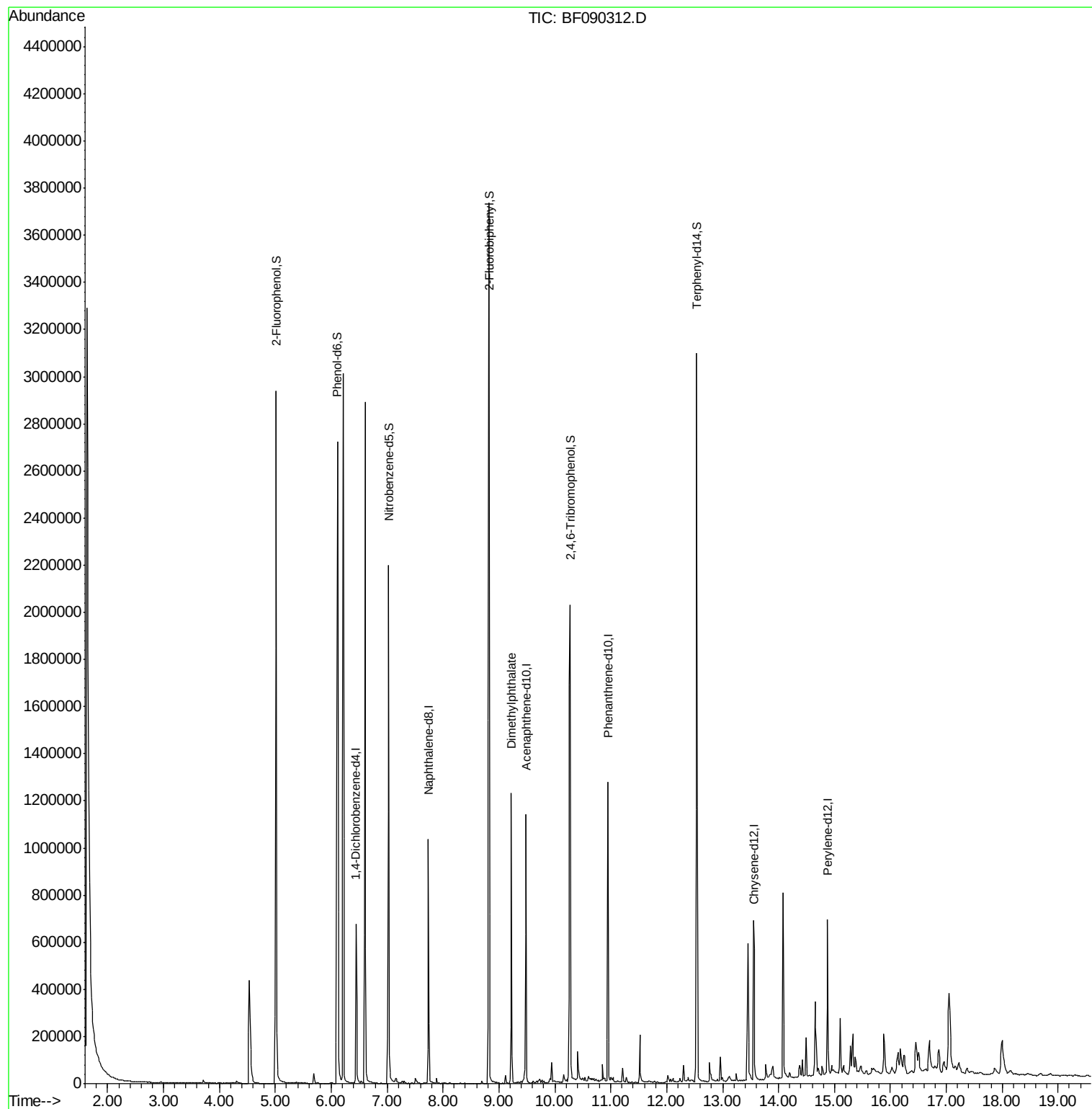
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	131170	20.00	ng	-0.01
21) Naphthalene-d8	7.74	136	526231	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	313694	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	452965	20.00	ng	0.00
75) Chrysene-d12	13.57	240	343272	20.00	ng	0.00
86) Perylene-d12	14.88	264	275596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1176360	146.18	ng	0.02
7) Phenol-d6	6.11	99	1474669	148.38	ng	0.00
23) Nitrobenzene-d5	7.03	82	976863	107.61	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	409919	152.32	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1495705	93.60	ng	0.00
78) Terphenyl-d14	12.54	244	1290729	95.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.22	163	515655	25.81	ng	Qvalue 99

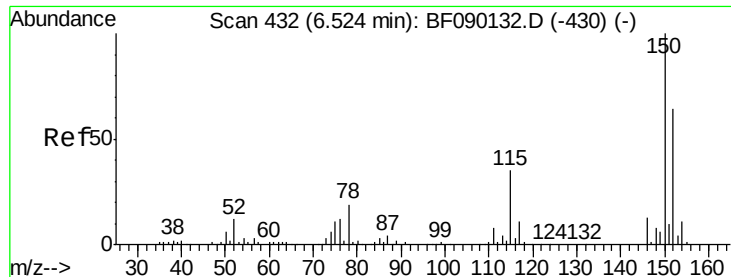
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 30 14:52:15 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

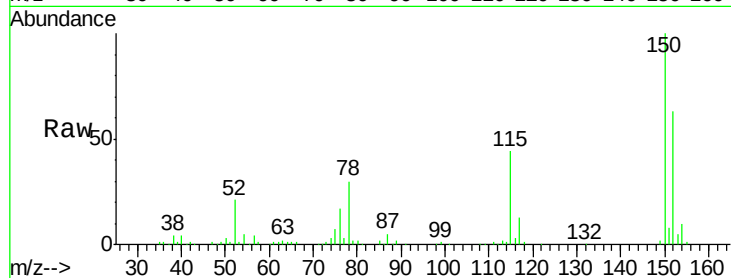
Tot Ion:152 Resp: 131170

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

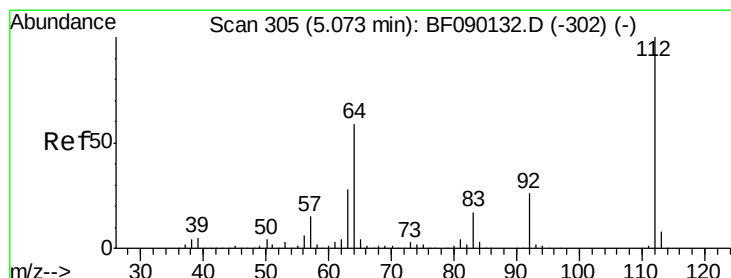
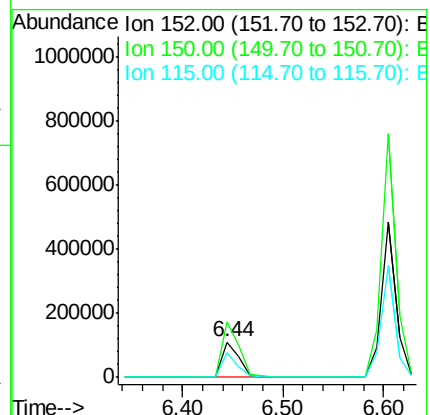
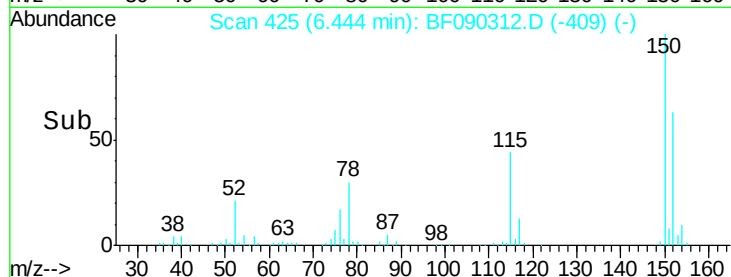
115 69.2 55.5 83.3



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: 146.18 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

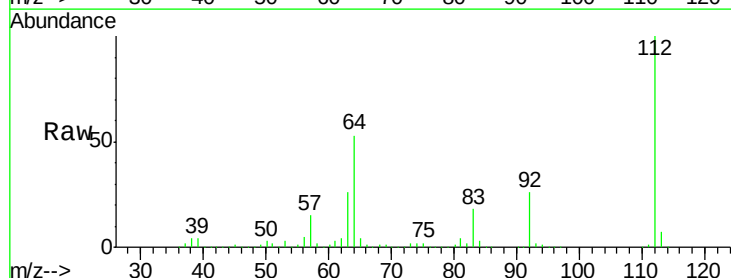
Tgt Ion:112 Resp: 1176360

Ion Ratio Lower Upper

112 100

64 53.2 39.8 59.6

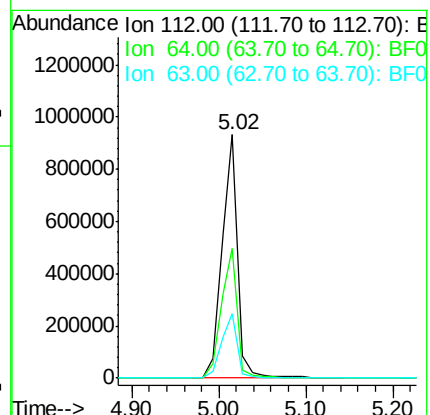
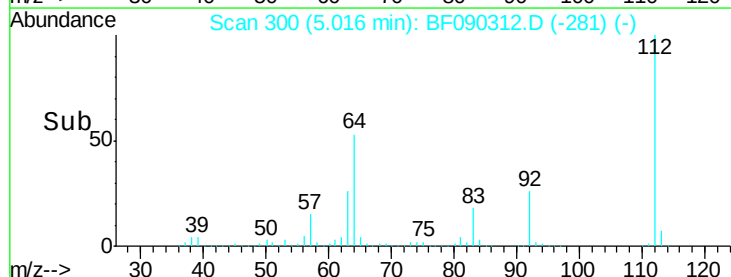
63 26.5 18.9 28.3

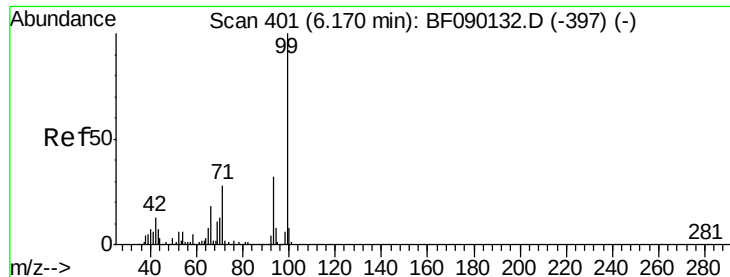


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.38 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampled :

MSP-BPM

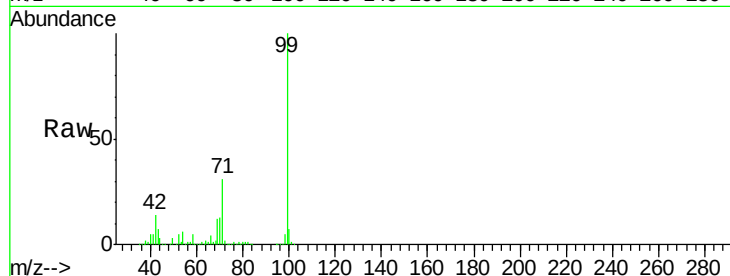
Tot Ion: 99 Resp: 1474669

Ion Ratio Lower Upper

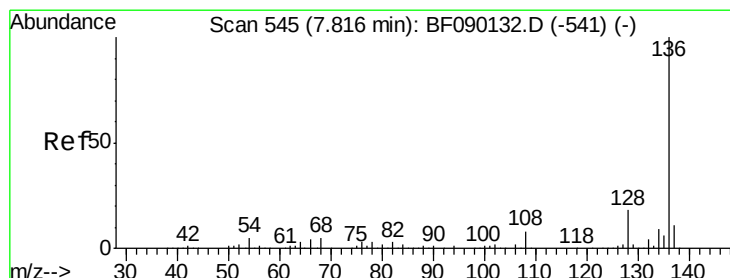
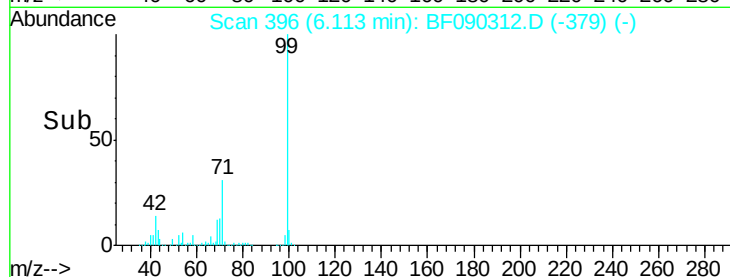
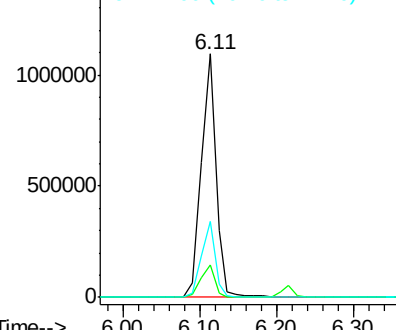
99 100

42 13.5 10.6 15.8

71 31.0 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: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Tgt Ion: 136 Resp: 526231

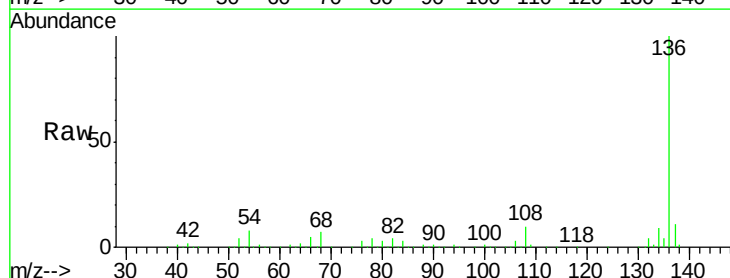
Ion Ratio Lower Upper

136 100

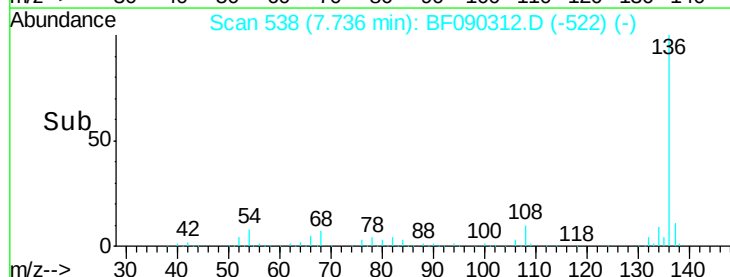
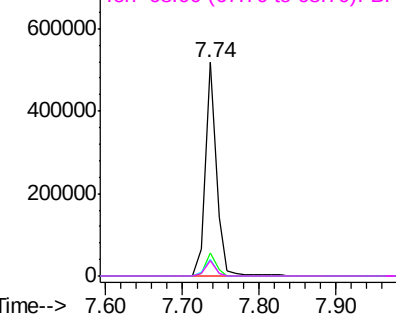
137 11.1 9.0 13.4

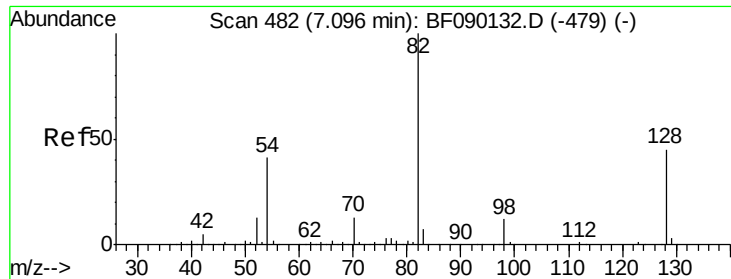
54 7.7 6.4 9.6

68 7.1 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

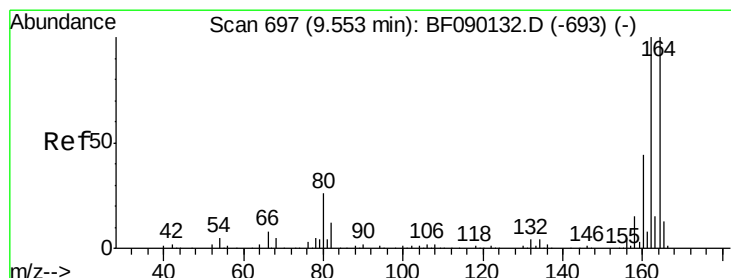
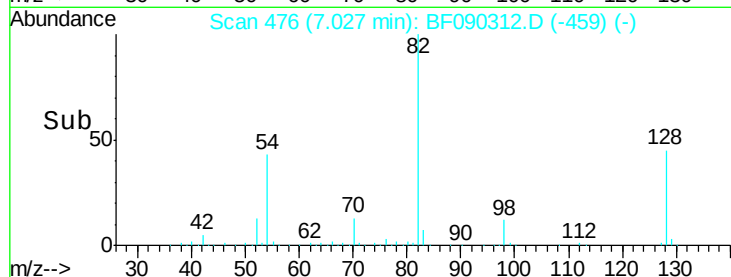
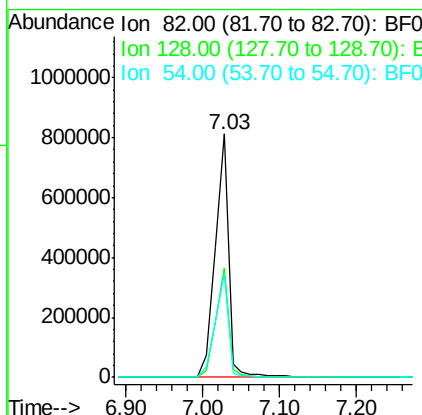
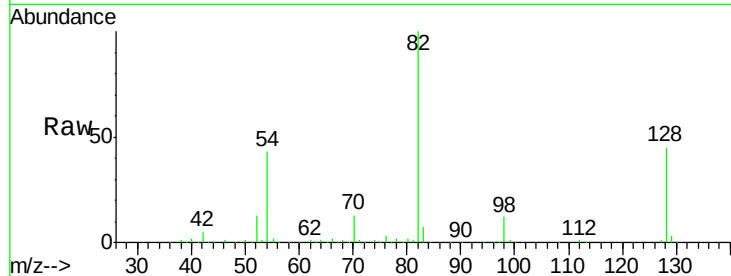




#23
 Nitrobenzene-d5
 Concen: 107.61 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

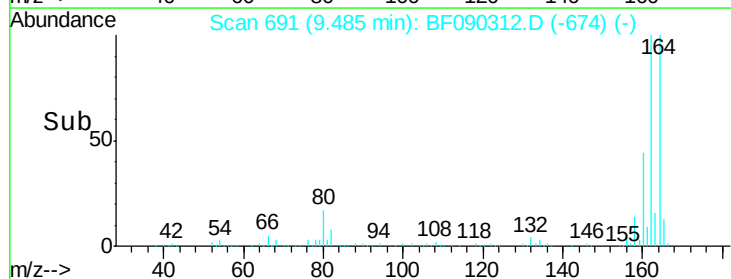
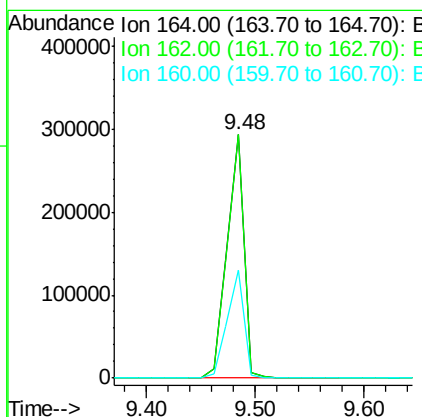
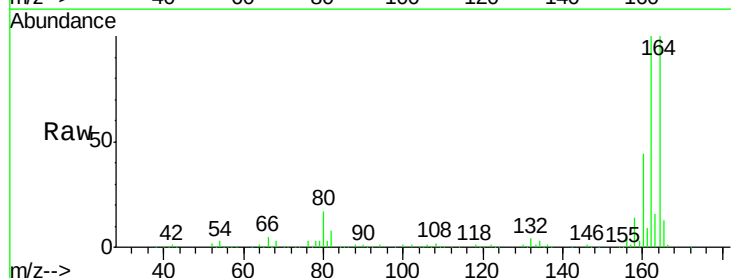
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

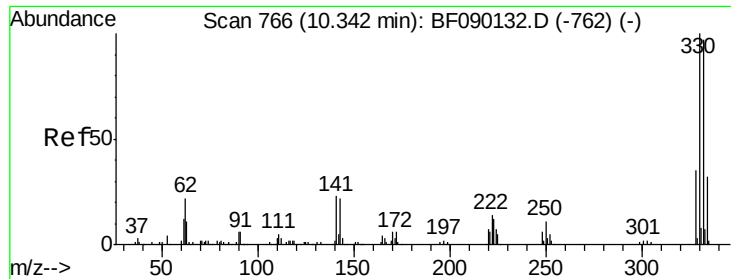
Tot Ion: 82 Resp: 976863
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.5 56.3
 54 42.7 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

Tgt Ion: 164 Resp: 313694
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.2
 160 44.1 36.6 54.8

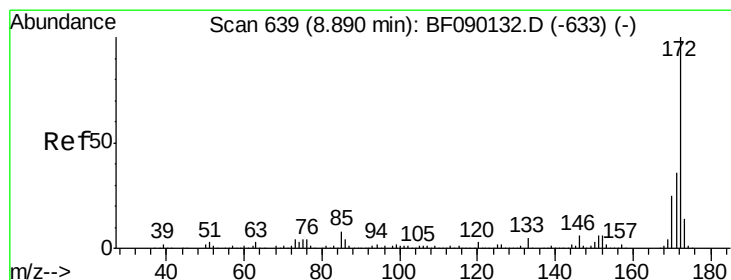
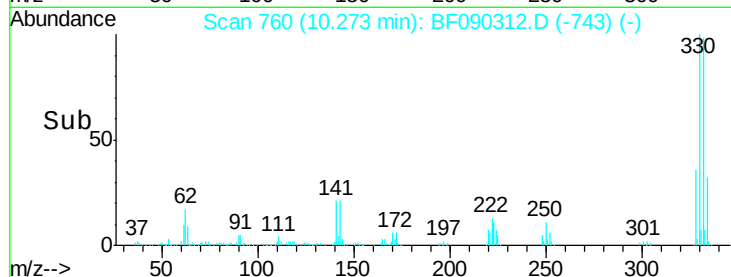
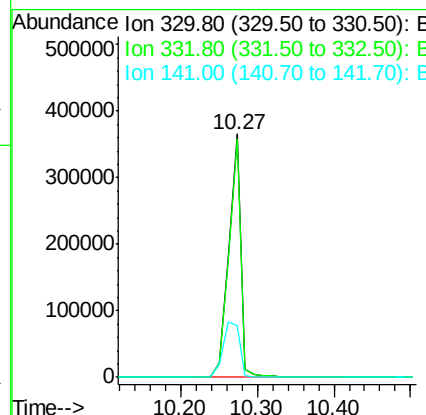
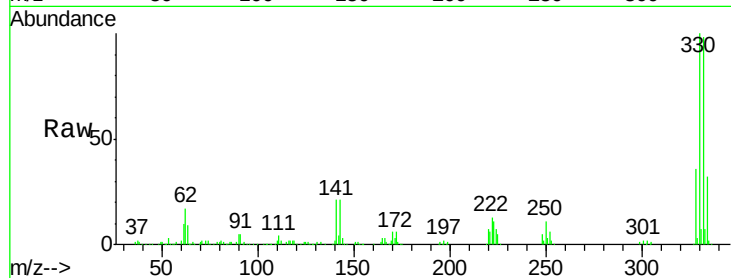




#41
 2,4,6-Tribromophenol
 Concen: 152.32 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

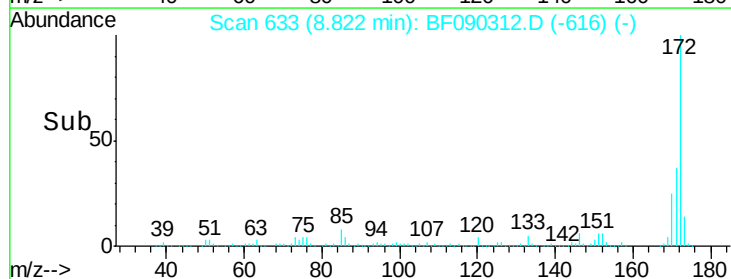
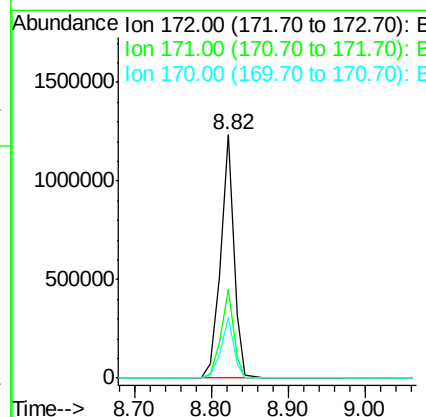
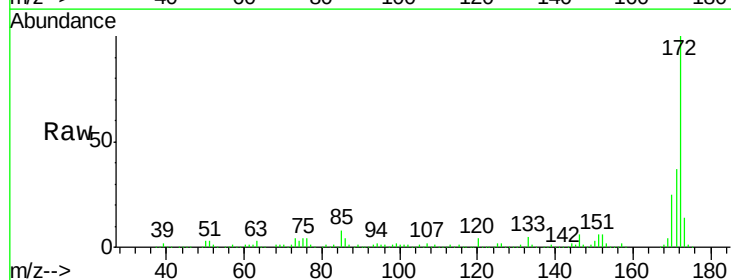
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

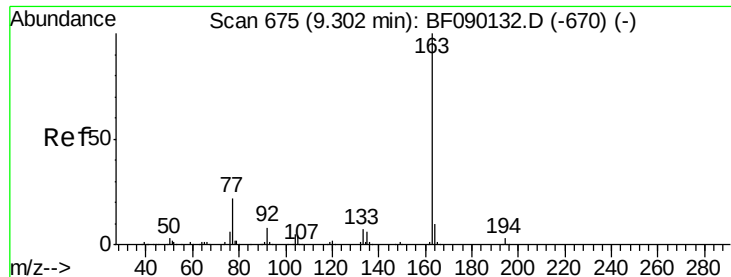
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.1	117.1
141	31.7	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 93.60 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.7	19.8	29.8





#49

Dimethylphthalate

Concen: 25.81 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

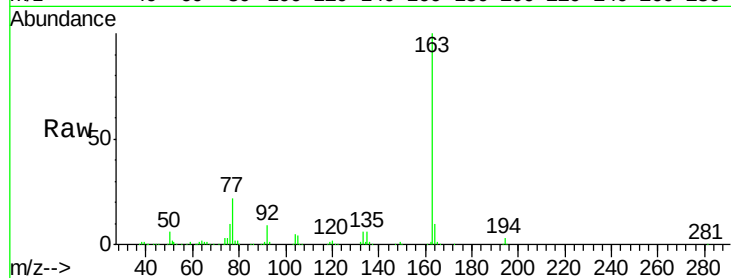
Tot Ion:163 Resp: 515655

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

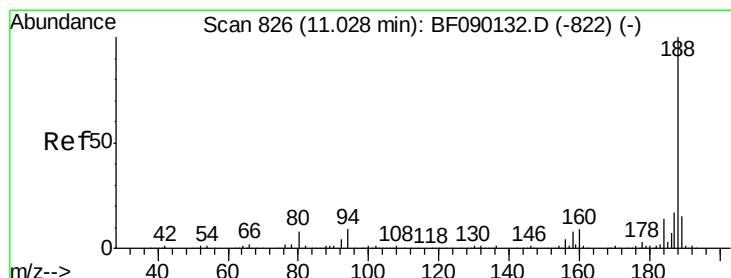
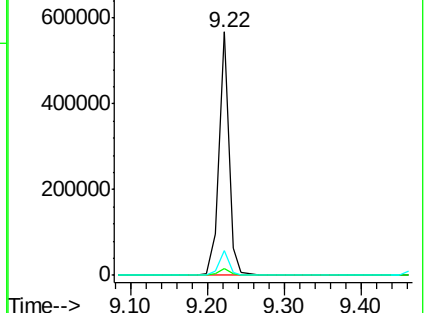
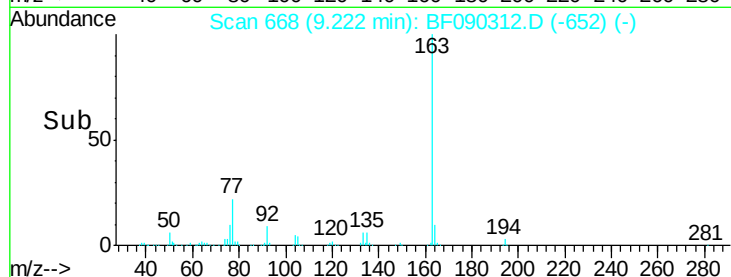
164 10.4 8.1 12.1



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: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

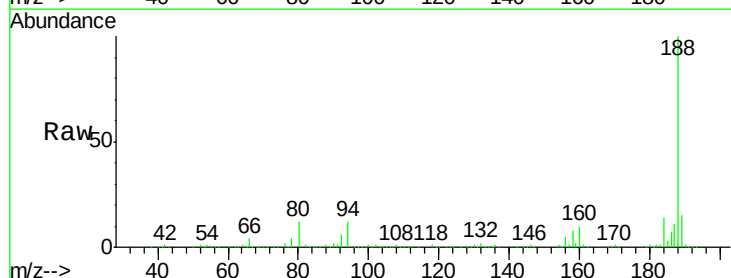
Tgt Ion:188 Resp: 452965

Ion Ratio Lower Upper

188 100

94 11.7 10.5 15.7

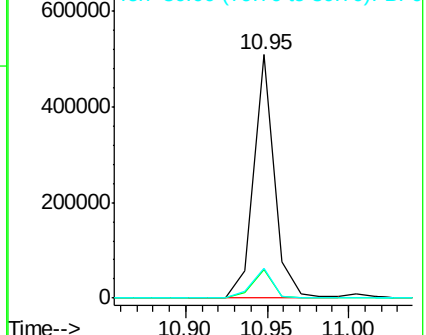
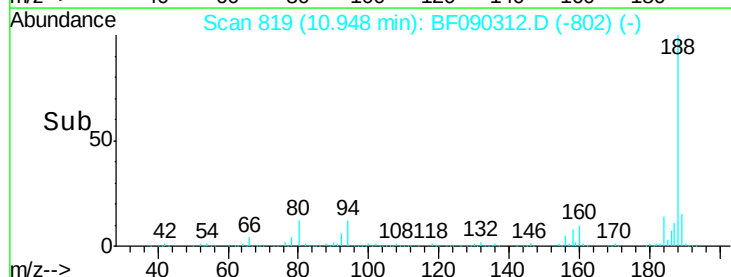
80 12.3 11.2 16.8

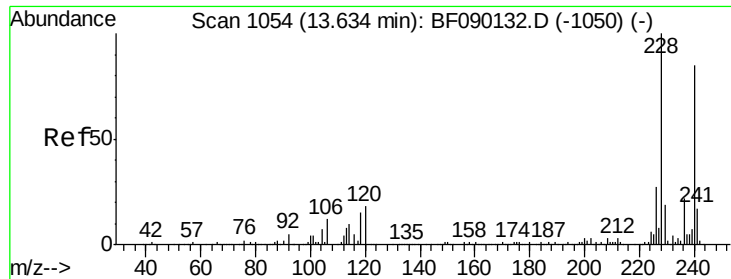


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

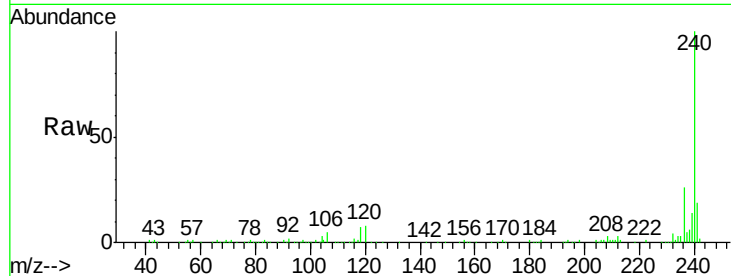
Tot Ion:240 Resp: 343272

Ion Ratio Lower Upper

240 100

120 8.0 10.6 16.0#

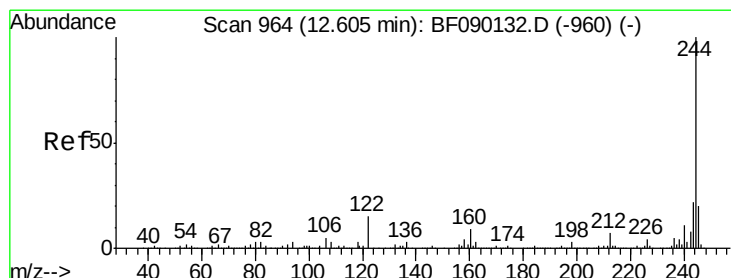
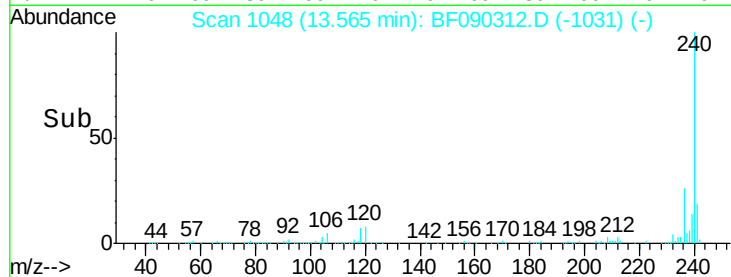
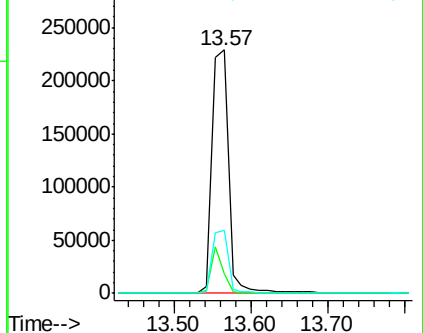
236 25.7 21.6 32.4



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: 95.46 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

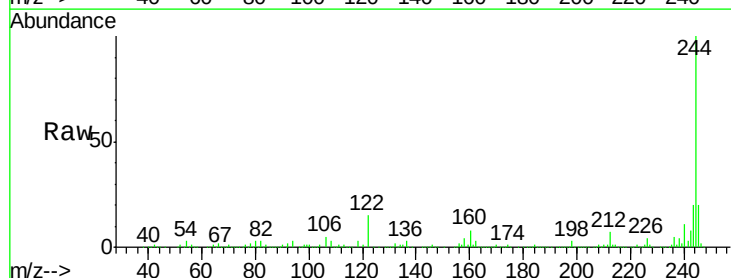
Tgt Ion:244 Resp: 1290729

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

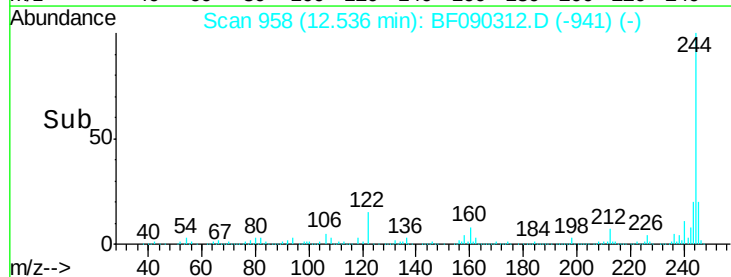
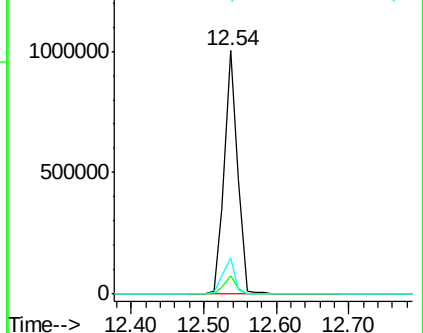
122 14.9 9.4 14.0#

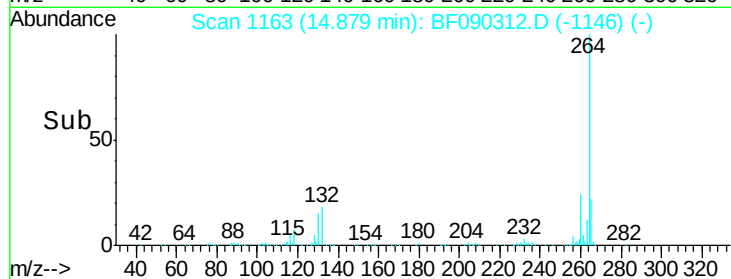
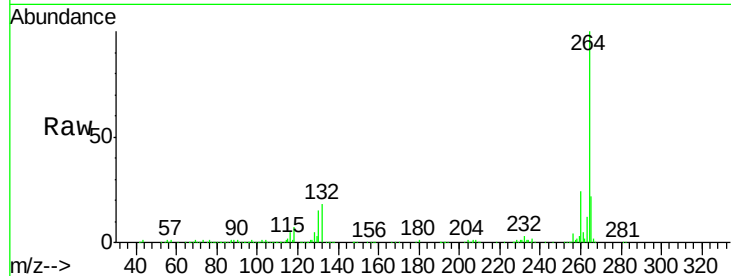
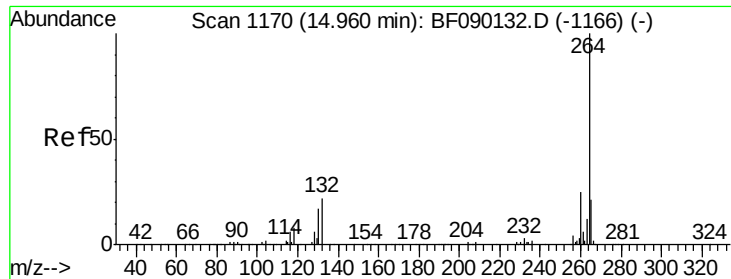


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090312.D
Acq: 30 Sep 2016 13:22

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.0	25.4

