

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090271.D
 Acq On : 28 Sep 2016 00:05
 Operator : UM/SJ
 Sample : H4949-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5-2-LOC-5(20-25)

Quant Time: Sep 28 01:57:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

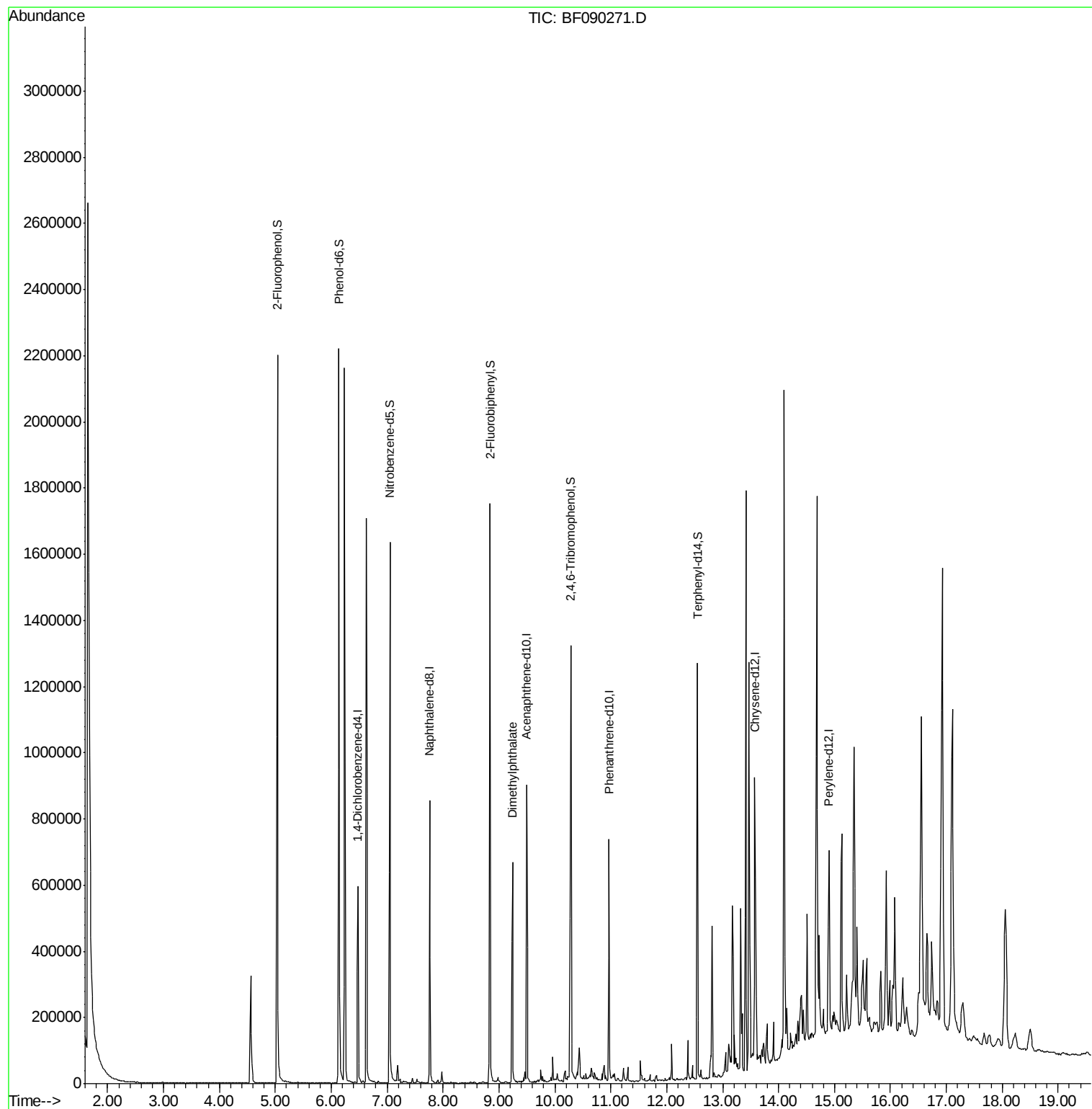
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	123340	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	469506	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	226942	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	323001	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	277695	20.00	ng	-0.02
86) Perylene-d12	14.90	264	247278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	799036	105.60	ng	0.01
7) Phenol-d6	6.14	99	1008685	107.94	ng	0.00
23) Nitrobenzene-d5	7.05	82	646533	79.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	177326	91.08	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	824529	71.33	ng	-0.01
78) Terphenyl-d14	12.55	244	383098	35.03	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	388676	26.89	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: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

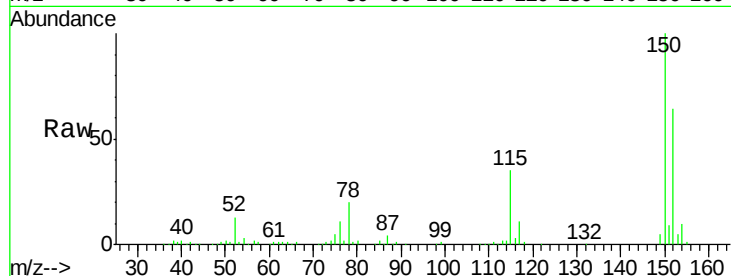
Tot Ion:152 Resp: 123340

Ion Ratio Lower Upper

152 100

150 156.0 128.9 193.3

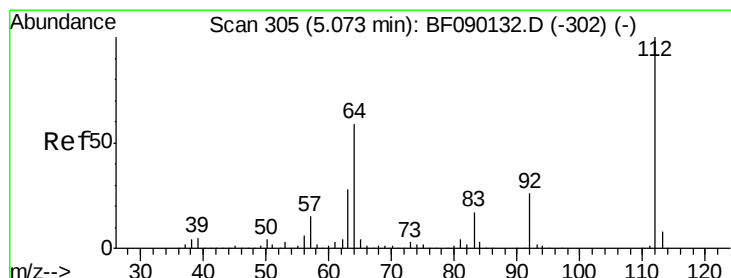
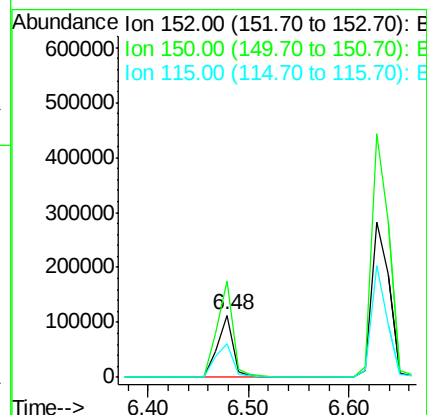
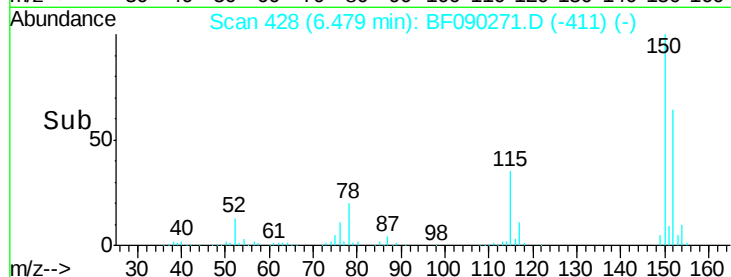
115 55.2 55.5 83.3#



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: 105.60 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

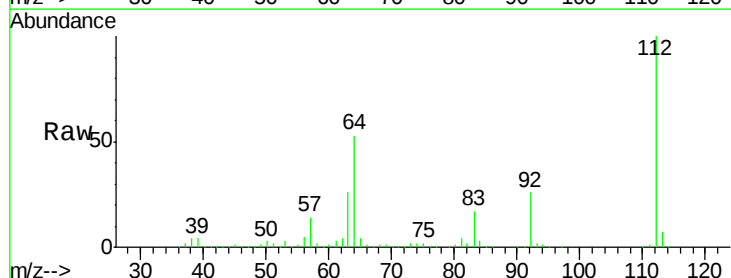
Tgt Ion:112 Resp: 799036

Ion Ratio Lower Upper

112 100

64 53.3 39.8 59.6

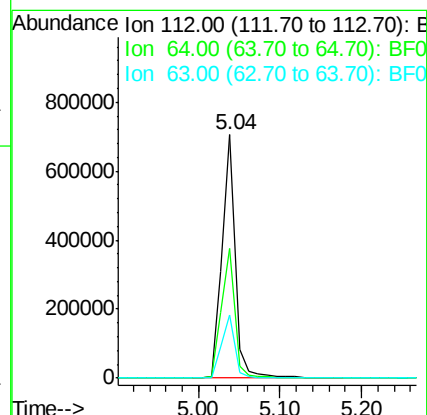
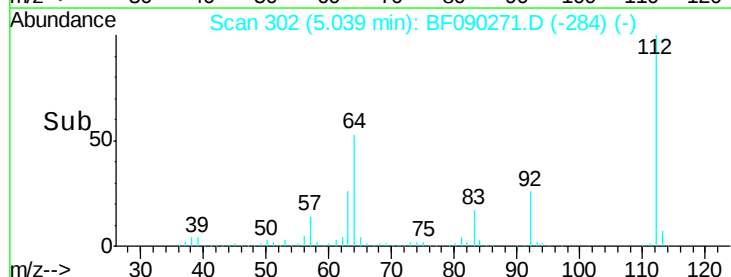
63 26.2 18.9 28.3



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: 107.94 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

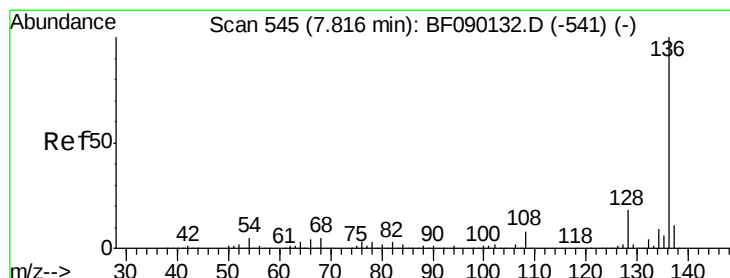
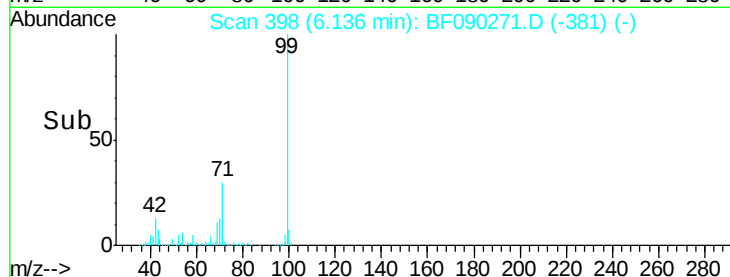
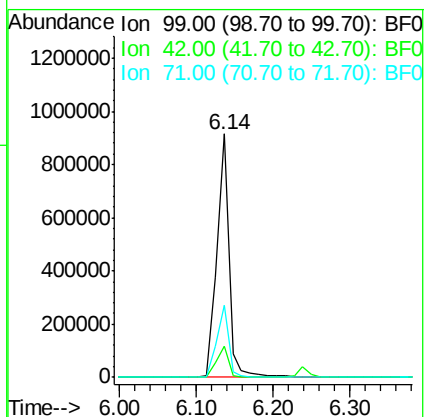
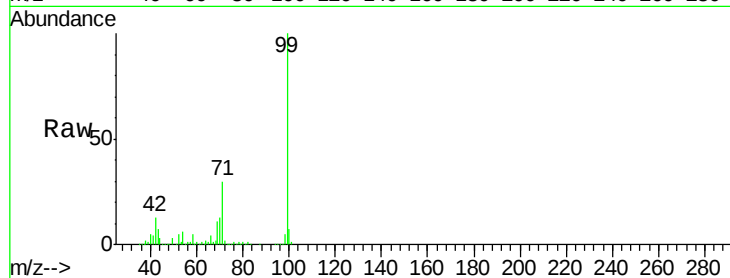
Tot Ion: 99 Resp: 1008685

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

71 29.6 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Tgt Ion: 136 Resp: 469506

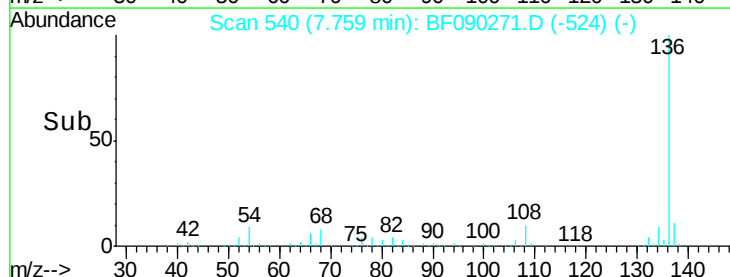
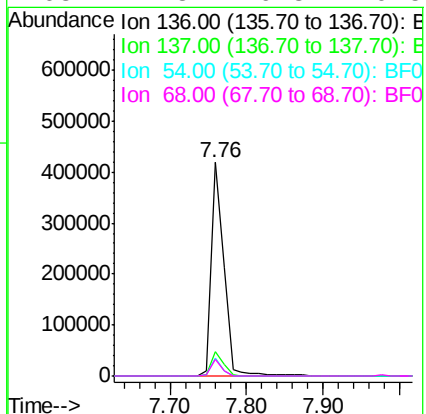
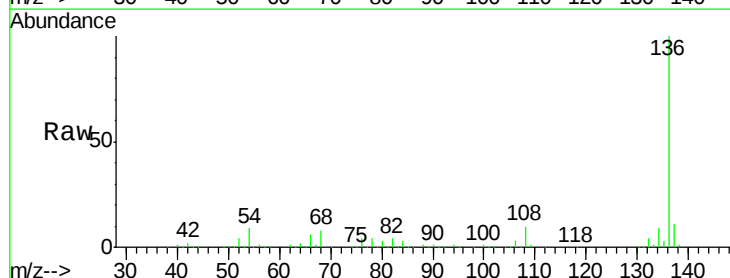
Ion Ratio Lower Upper

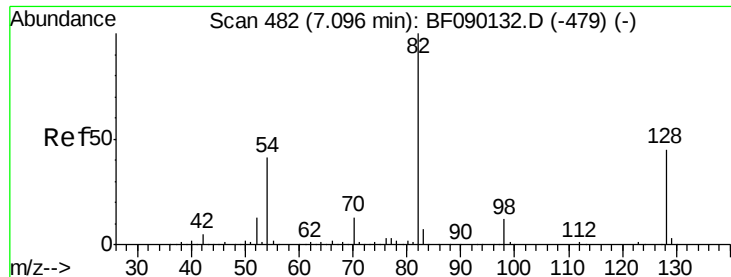
136 100

137 11.3 9.0 13.4

54 8.6 6.4 9.6

68 7.8 6.3 9.5

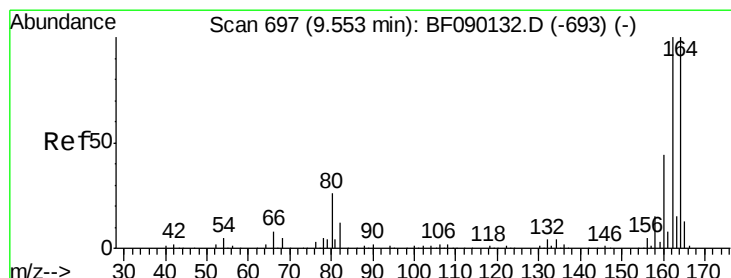
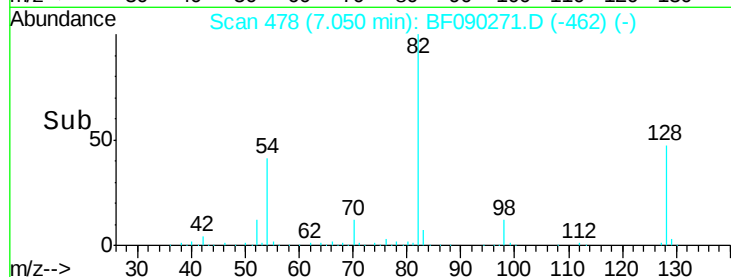
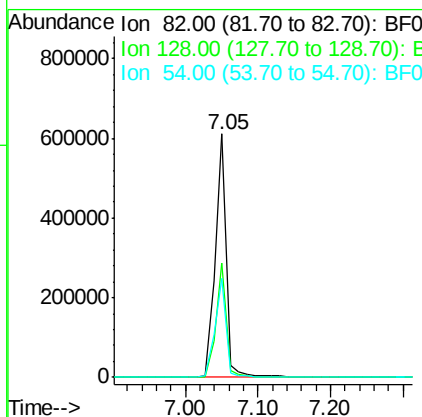
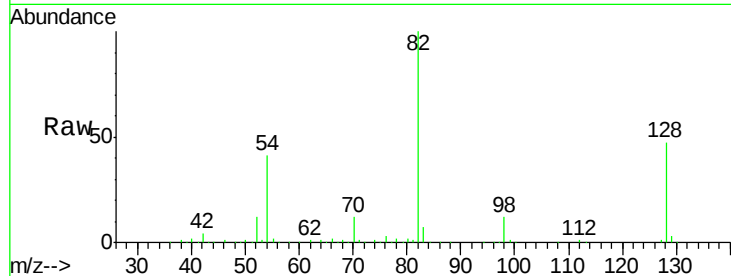




#23
 Nitrobenzene-d5
 Concen: 79.83 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

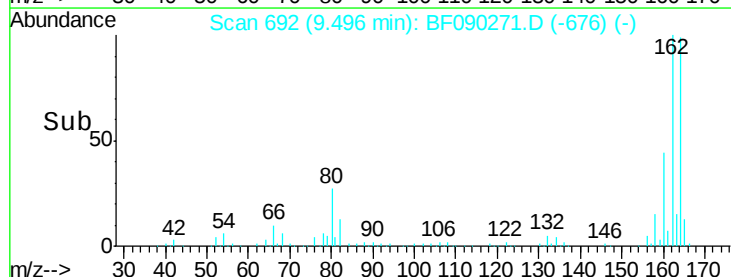
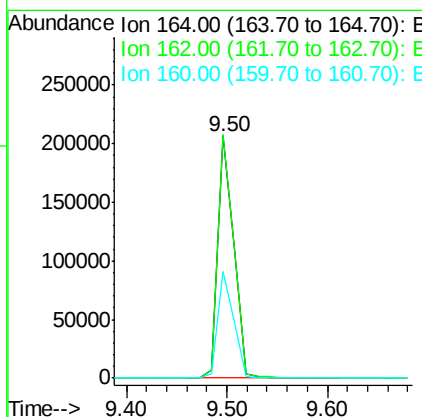
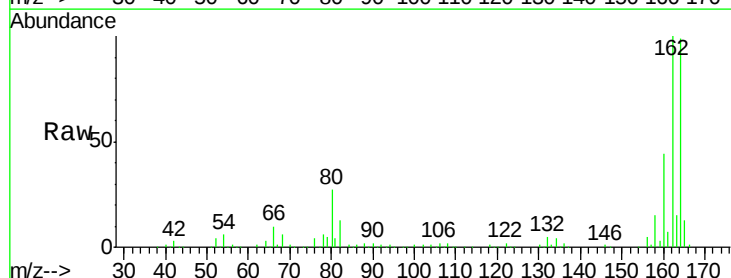
Instrument :
 BNA_F
 ClientSampleId :
 S-5-2-LOC-5(20-25)

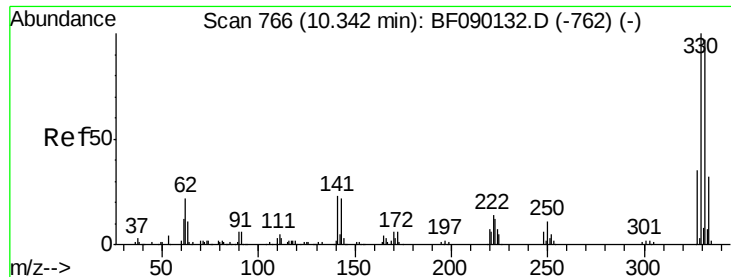
Tot Ion: 82 Resp: 646533
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.5 56.3
 54 40.6 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

Tgt Ion: 164 Resp: 226942
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.4 122.2
 160 43.8 36.6 54.8

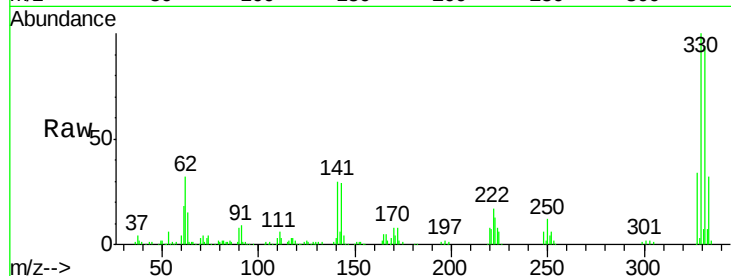




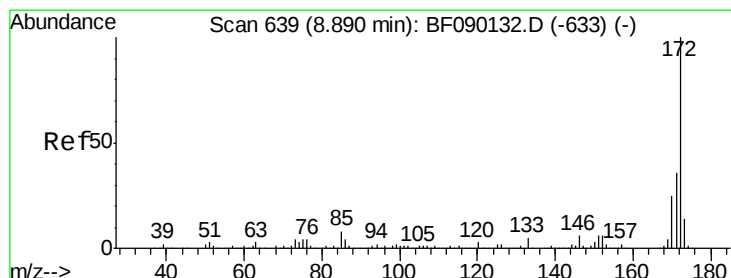
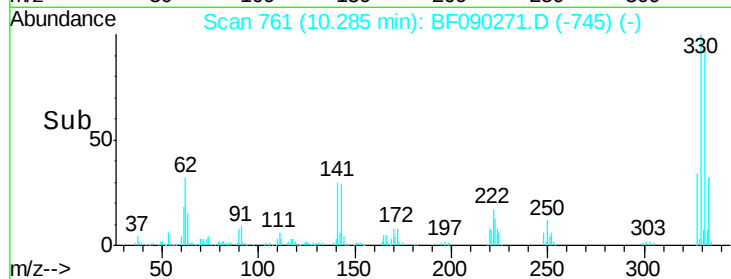
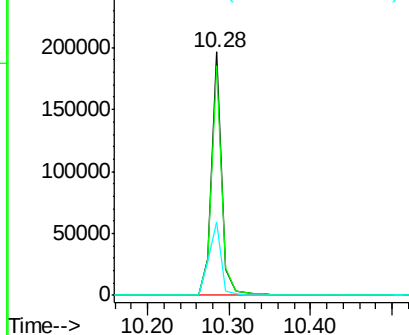
#41
 2,4,6-Tribromophenol
 Concen: 91.08 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

Instrument :
 BNA_F
 ClientSampleId :
 S-5-2-LOC-5(20-25)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	35.7	23.9	35.9

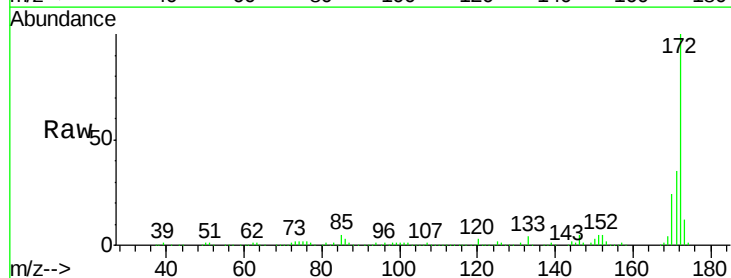


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

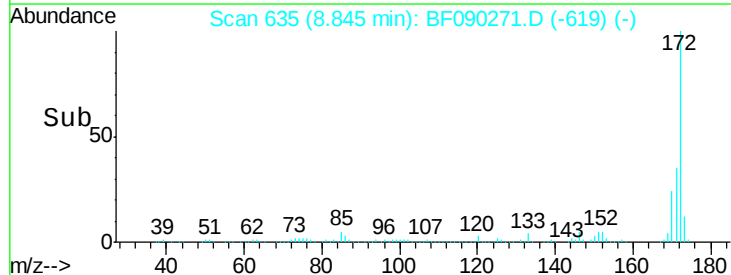
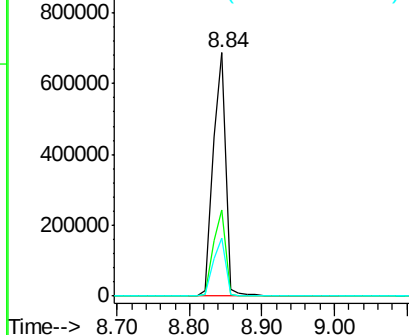


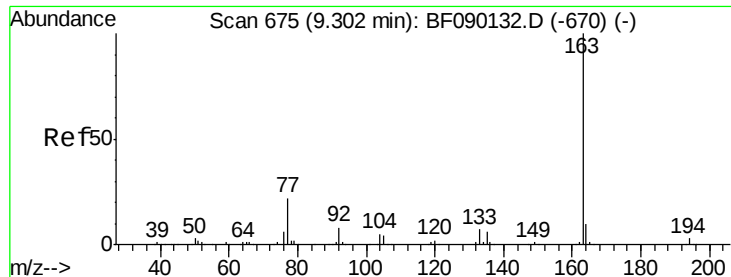
#44
 2-Fluorobiphenyl
 Concen: 71.33 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.8	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: 26.89 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

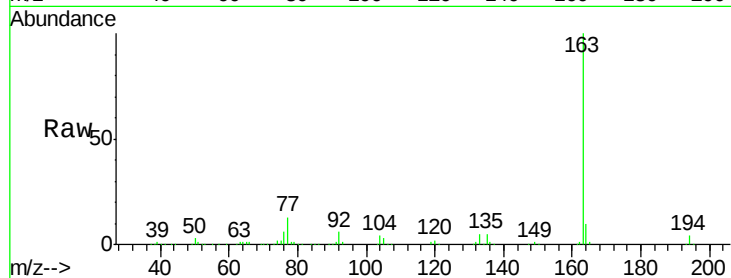
Tot Ion:163 Resp: 388676

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

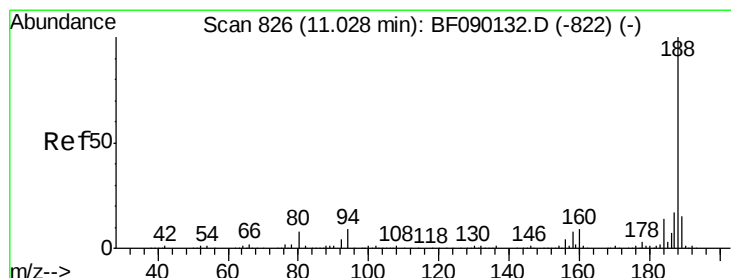
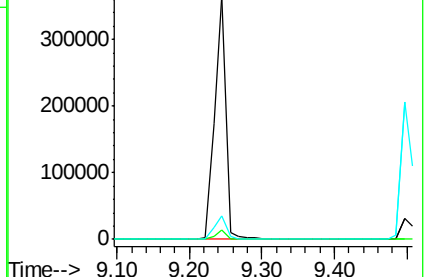
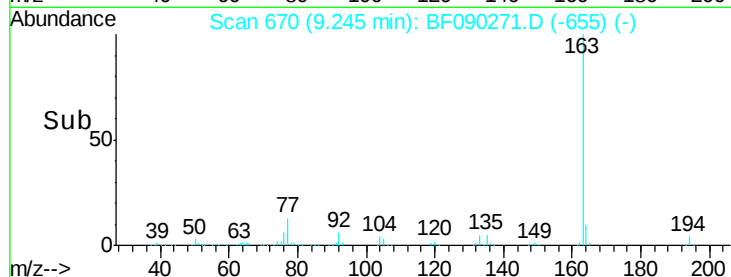
164 9.9 8.1 12.1



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: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

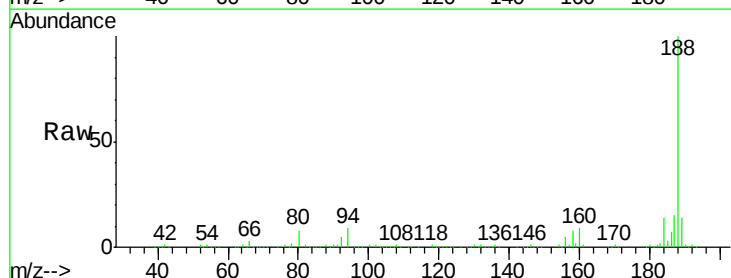
Tgt Ion:188 Resp: 323001

Ion Ratio Lower Upper

188 100

94 9.3 10.5 15.7#

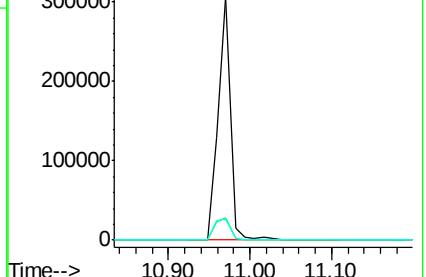
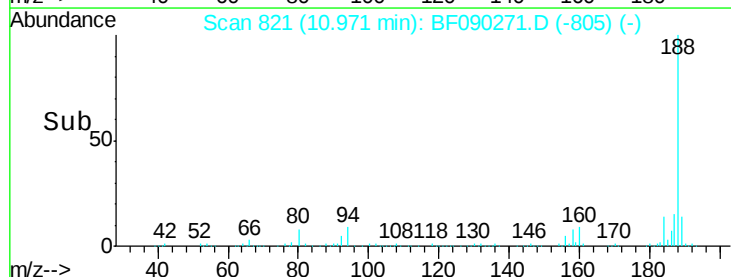
80 8.4 11.2 16.8#

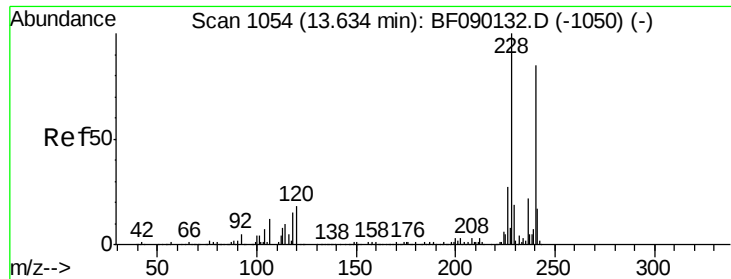


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

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ClientSampleId :

S-5-2-LOC-5(20-25)

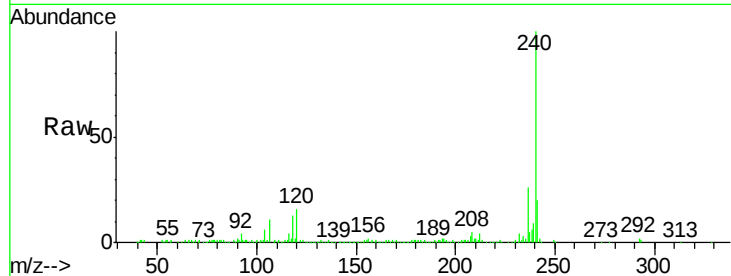
Tot Ion:240 Resp: 277695

Ion Ratio Lower Upper

240 100

120 15.5 10.6 16.0

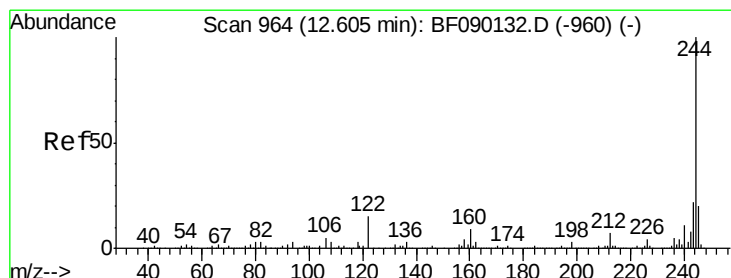
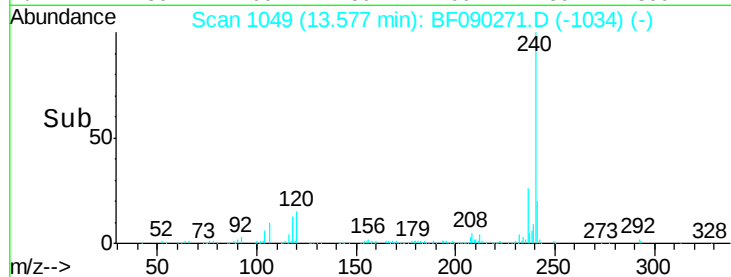
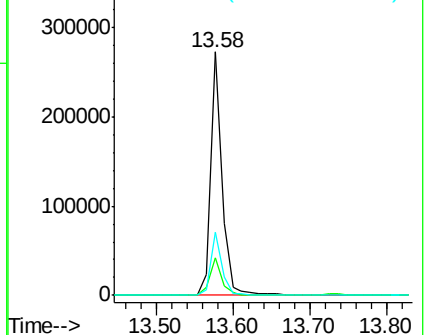
236 26.0 21.6 32.4



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: 35.03 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

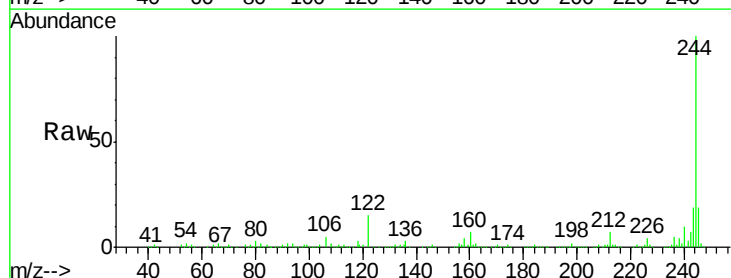
Tgt Ion:244 Resp: 383098

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

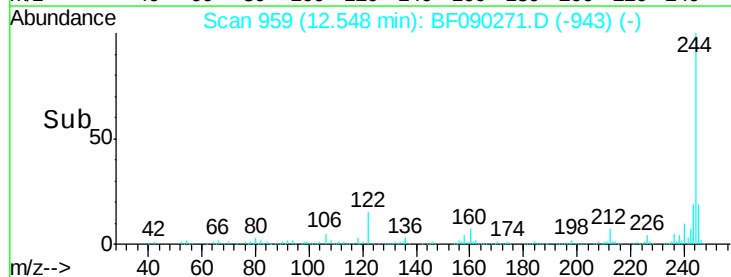
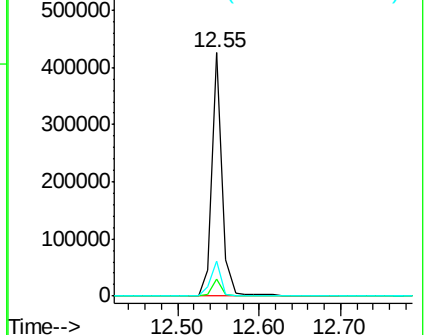
122 14.5 9.4 14.0#

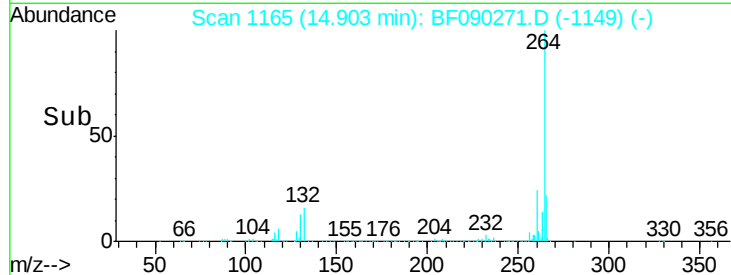
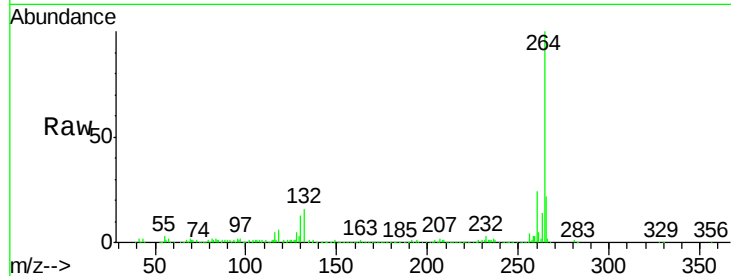
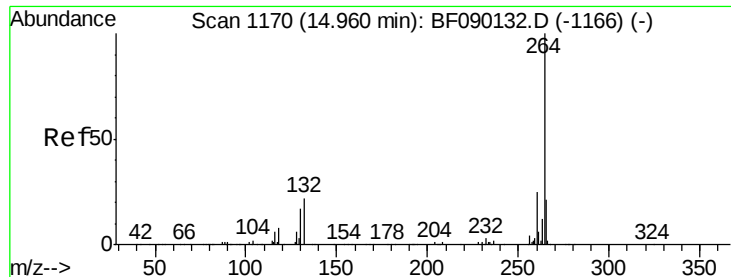


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090271.D
Acq: 28 Sep 2016 00:05

Instrument :
BNA_F
ClientSampleId :
S-5-2-LOC-5(20-25)

Tot Ion:	264	Resp:	247278
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	17.0	25.4

