

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090313.D
 Acq On : 30 Sep 2016 14:44
 Operator : UM/SJ
 Sample : H4998-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-6-9

Quant Time: Sep 30 15:43:16 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

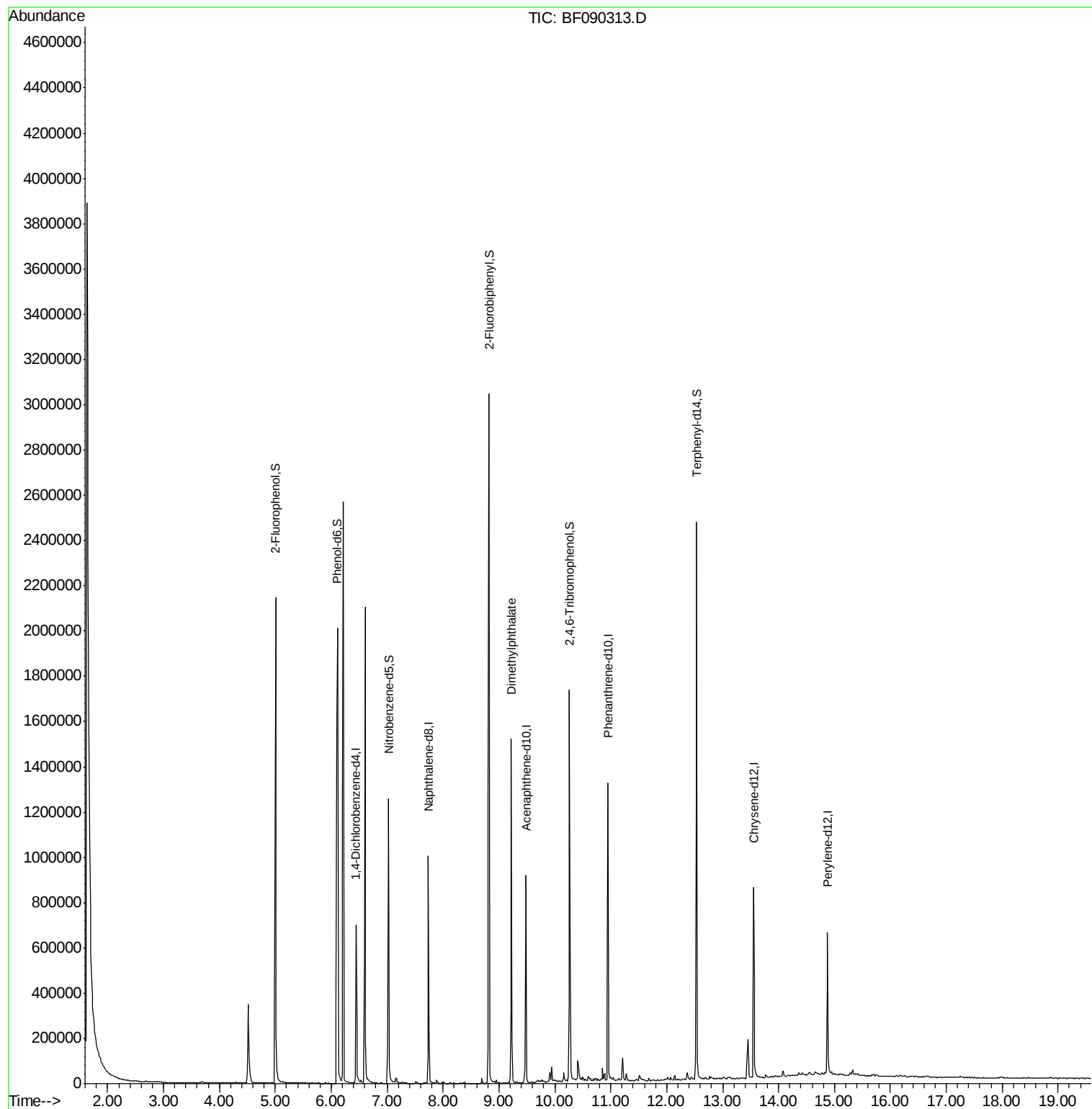
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	124812	20.00	ng	-0.03
21) Naphthalene-d8	7.74	136	500492	20.00	ng	-0.03
38) Acenaphthene-d10	9.48	164	290676	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	477571	20.00	ng	-0.03
75) Chrysene-d12	13.55	240	350456	20.00	ng	-0.05
86) Perylene-d12	14.88	264	285854	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	785116	102.53	ng	-0.02
7) Phenol-d6	6.11	99	1201806	127.09	ng	-0.02
23) Nitrobenzene-d5	7.03	82	680887	78.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.26	330	266012	106.67	ng	-0.03
44) 2-Fluorobiphenyl	8.82	172	1109346	74.92	ng	-0.03
78) Terphenyl-d14	12.54	244	933848	67.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.22	163	656611	35.47	ng	99

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

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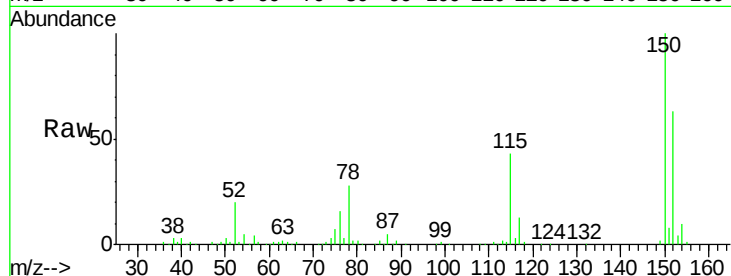


#1

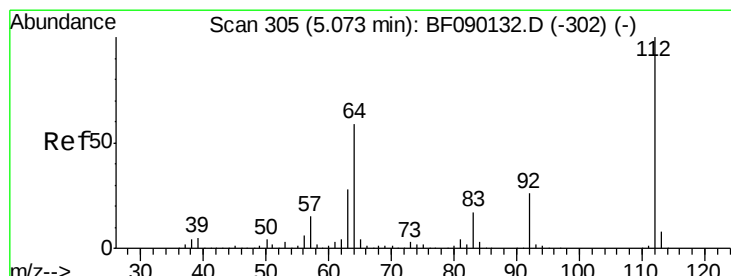
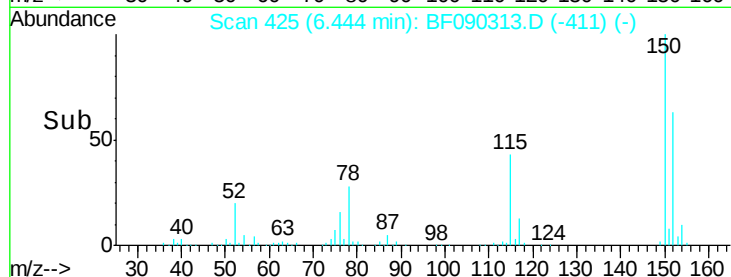
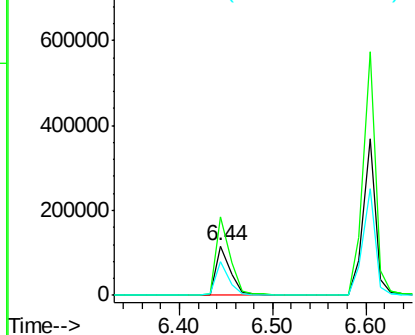
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF090313.D
Acq: 30 Sep 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tot Ion:152 Resp: 124812
Ion Ratio Lower Upper
152 100
150 159.9 128.9 193.3
115 69.1 55.5 83.3



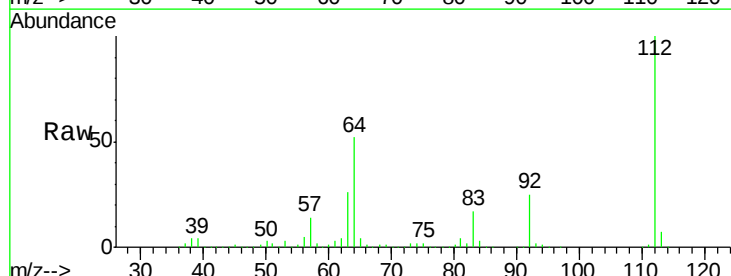
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



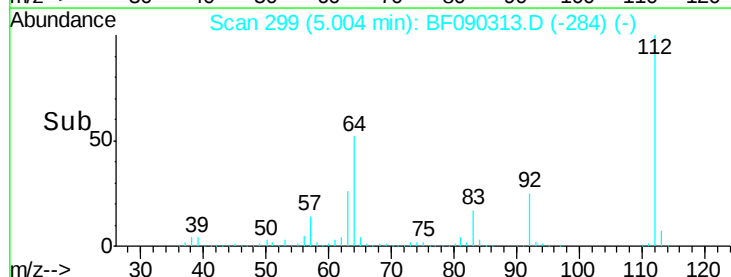
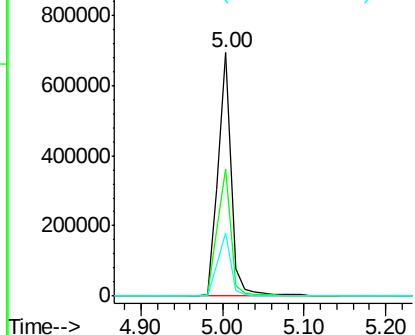
#5

2-Fluorophenol
Concen: 102.53 ng
RT: 5.00 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF090313.D
Acq: 30 Sep 2016 14:44

Tgt Ion:112 Resp: 785116
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.6
63 25.8 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: 127.09 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

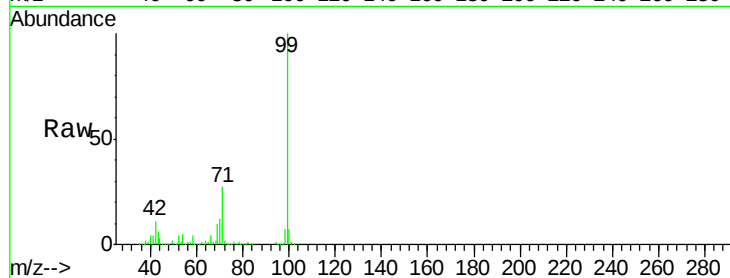
Tot Ion: 99 Resp: 1201806

Ion Ratio Lower Upper

99 100

42 10.9 10.6 15.8

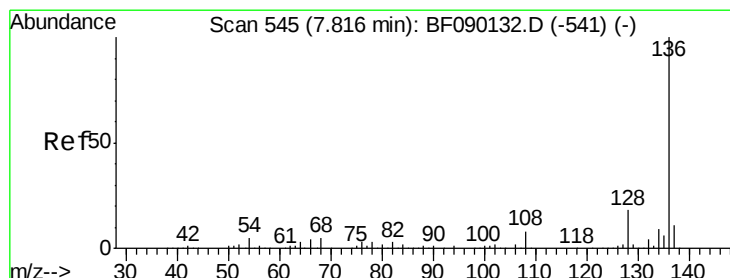
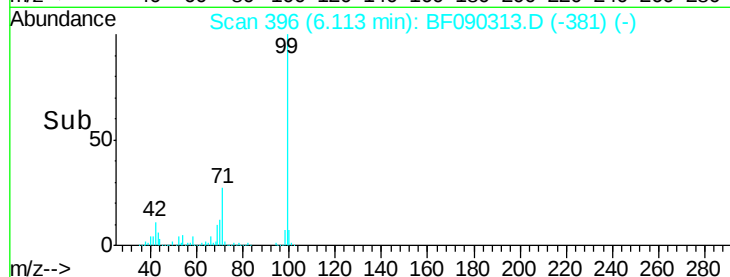
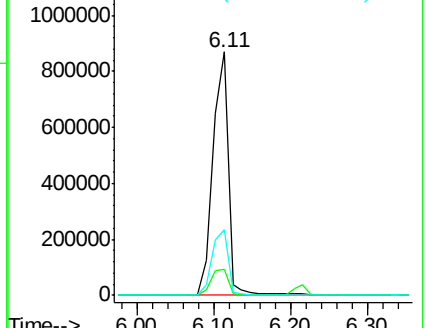
71 27.2 23.0 34.6



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. -0.03 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

Tgt Ion: 136 Resp: 500492

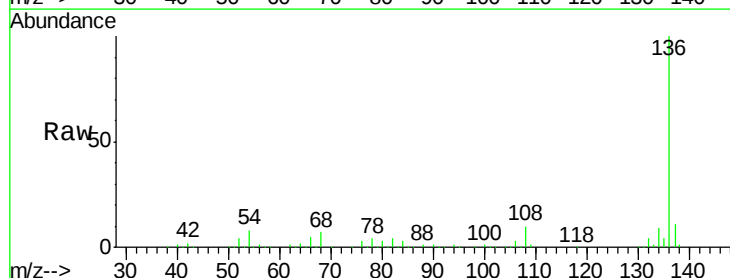
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.7 6.4 9.6

68 7.1 6.3 9.5

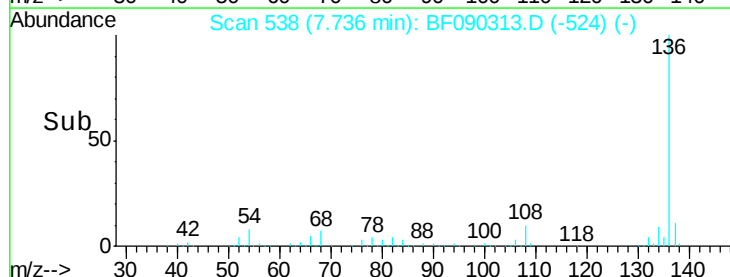
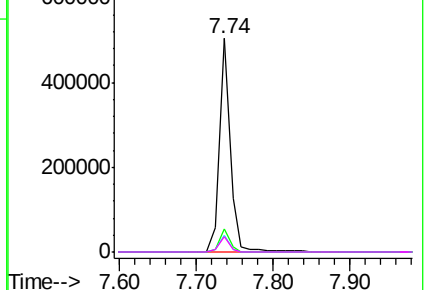


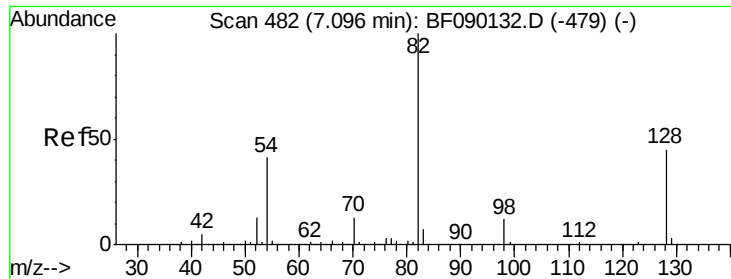
Abundance Ion 136.00 (135.70 to 136.70): E

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

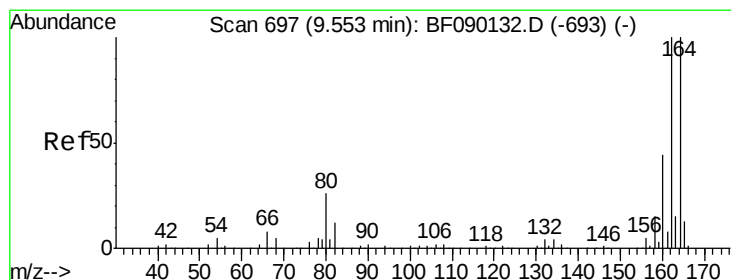
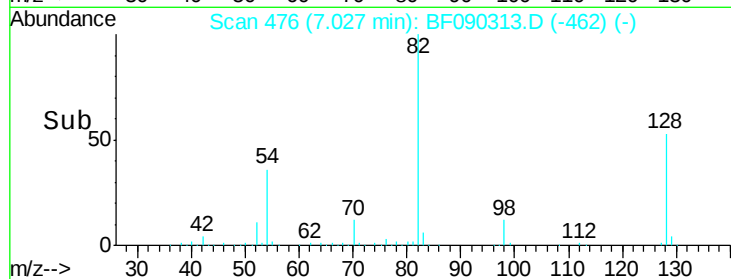
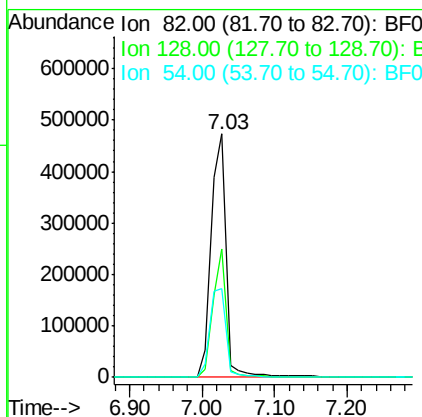
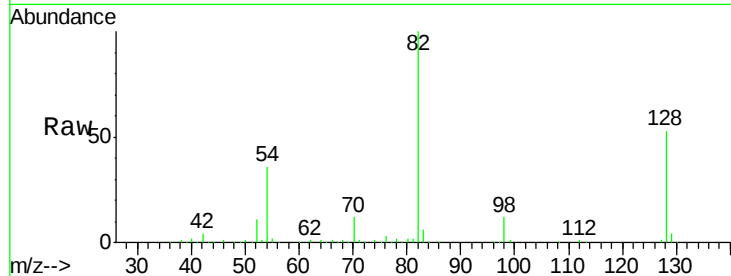




#23
 Nitrobenzene-d5
 Concen: 78.86 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090313.D
 Acq: 30 Sep 2016 14:44

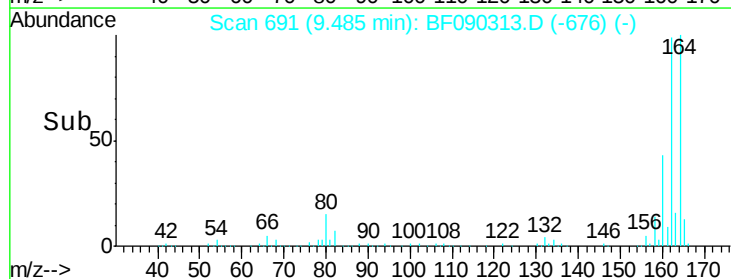
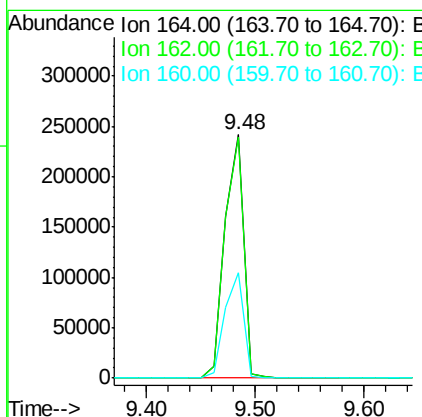
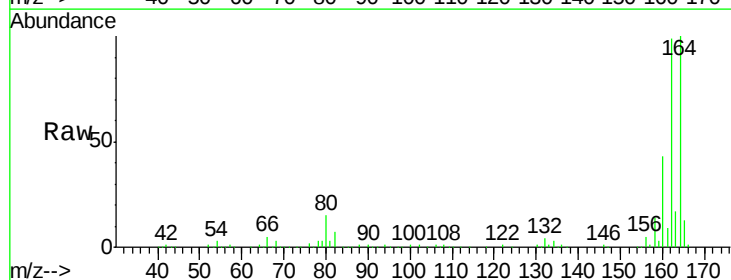
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-6-9

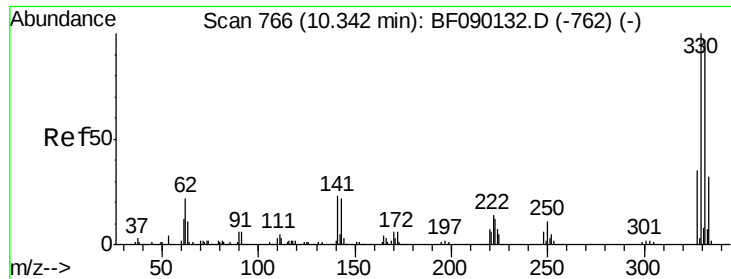
Tot Ion	82	Resp	680887
Ion Ratio	100	Lower	Upper
128	52.7	37.5	56.3
54	36.3	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF090313.D
 Acq: 30 Sep 2016 14:44

Tgt Ion	164	Resp	290676
Ion Ratio	100	Lower	Upper
162	99.2	81.4	122.2
160	43.3	36.6	54.8

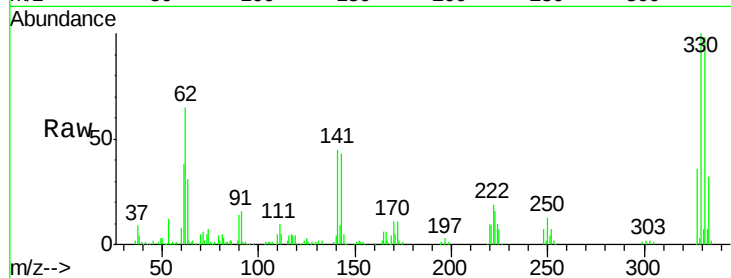




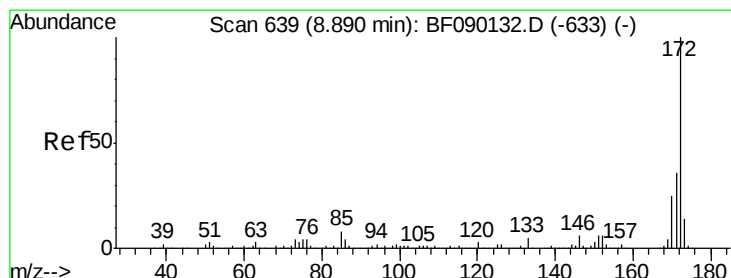
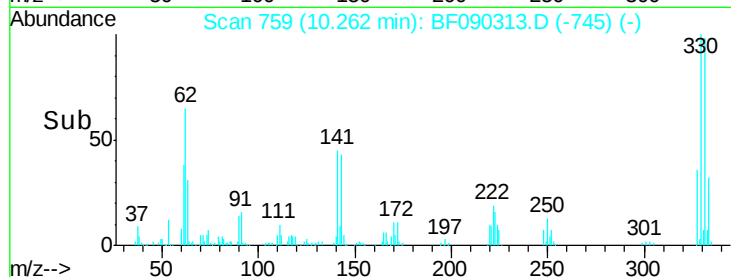
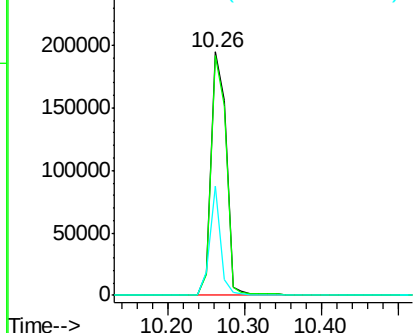
#41
 2,4,6-Tribromophenol
 Concen: 106.67 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF090313.D
 Acq: 30 Sep 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-6-9

Tot Ion:330 Resp: 266012
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 32.2 23.9 35.9

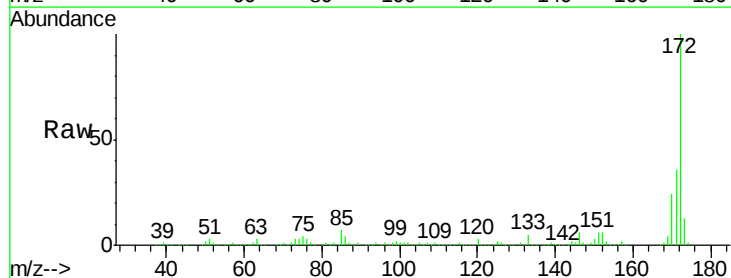


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

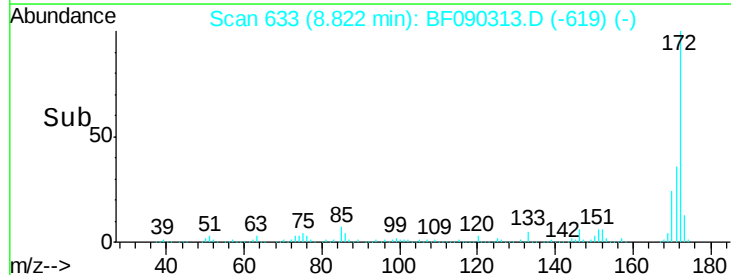
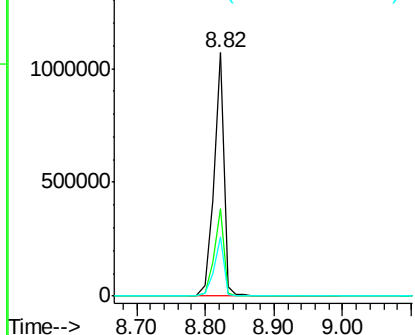


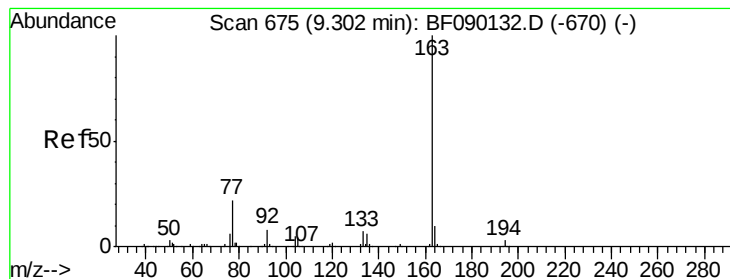
#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090313.D
 Acq: 30 Sep 2016 14:44

Tgt Ion:172 Resp: 1109346
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 24.5 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: 35.47 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

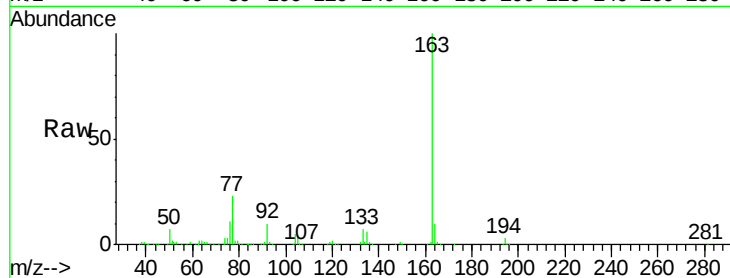
Tot Ion:163 Resp: 656611

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

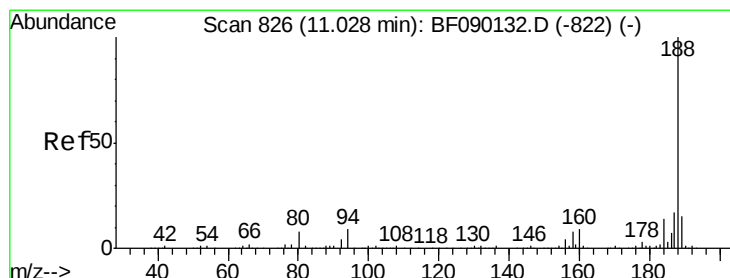
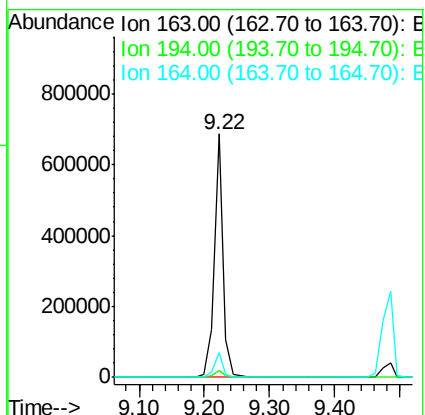
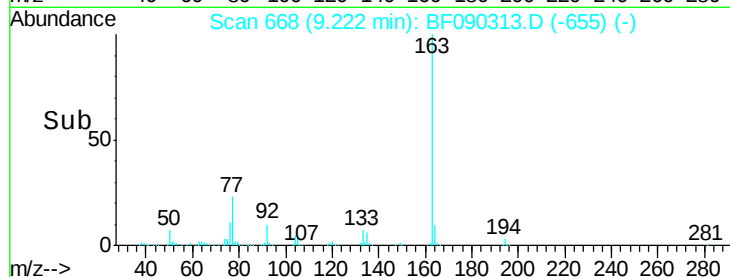
164 10.4 8.1 12.1



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. -0.03 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

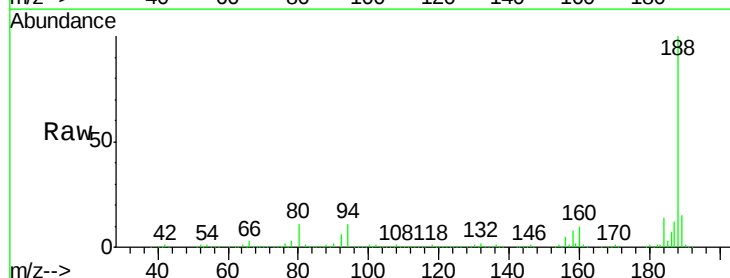
Tgt Ion:188 Resp: 477571

Ion Ratio Lower Upper

188 100

94 11.2 10.5 15.7

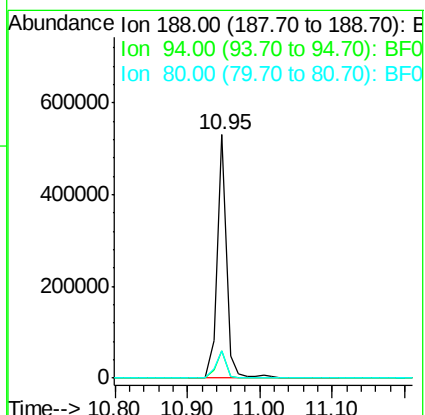
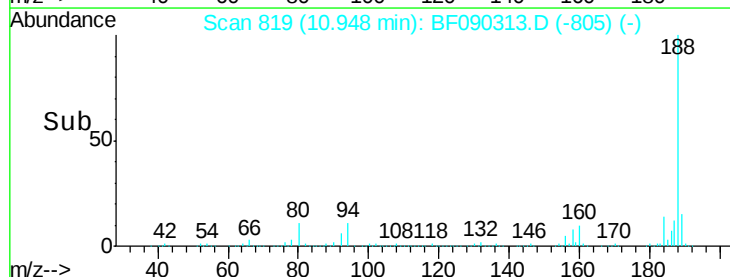
80 11.5 11.2 16.8

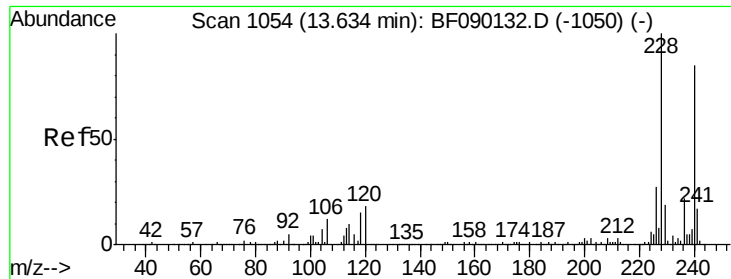


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.55 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

Instrument :

BNA_F

ClientSampleId :

SUP-B044-6-9

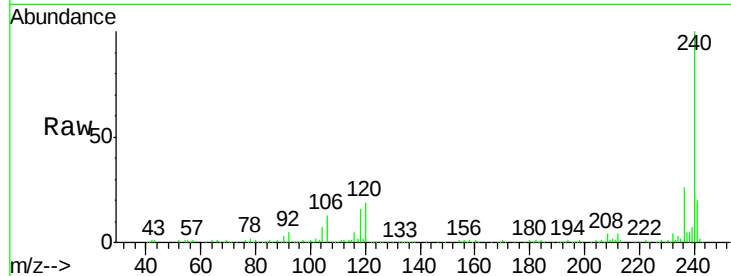
Tot Ion:240 Resp: 350456

Ion Ratio Lower Upper

240 100

120 18.6 10.6 16.0#

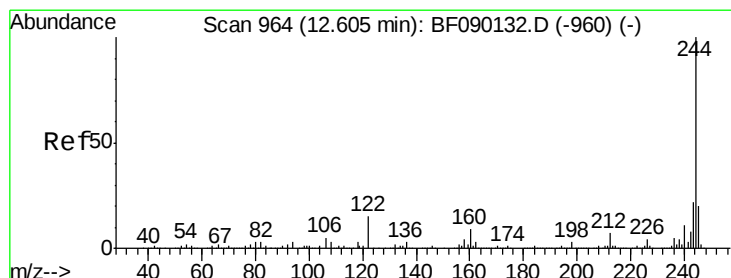
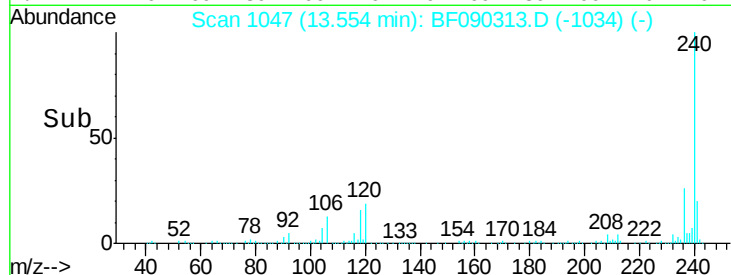
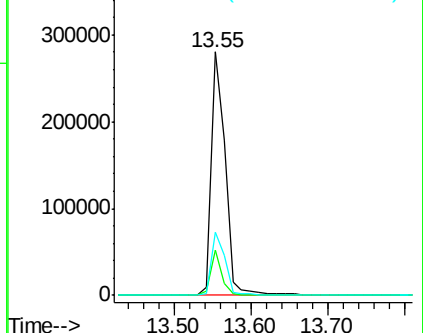
236 26.1 21.6 32.4



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: 67.65 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF090313.D

Acq: 30 Sep 2016 14:44

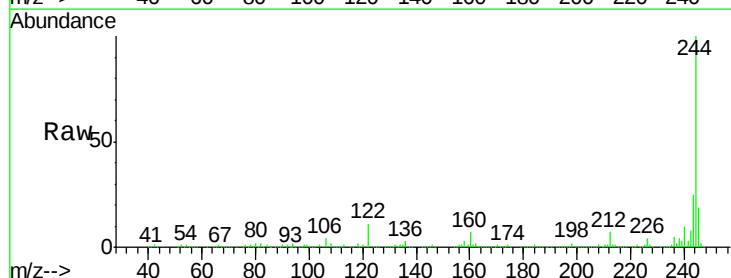
Tgt Ion:244 Resp: 933848

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

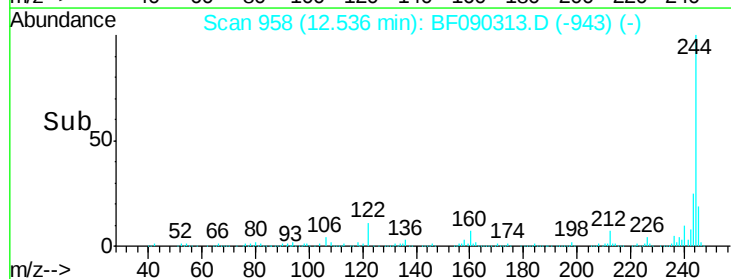
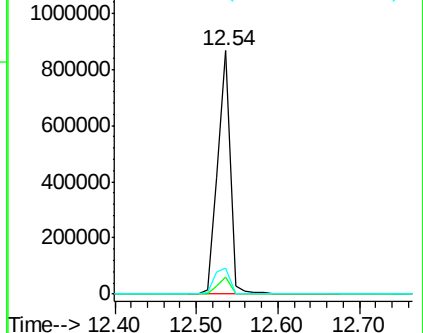
122 10.8 9.4 14.0

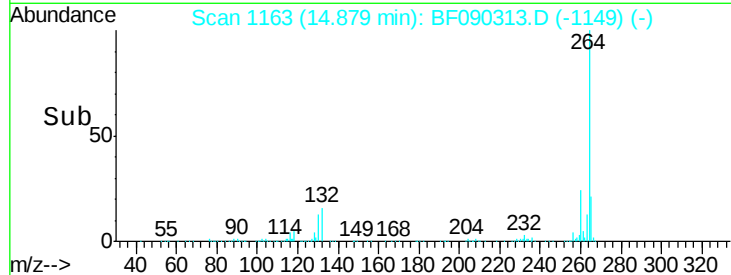
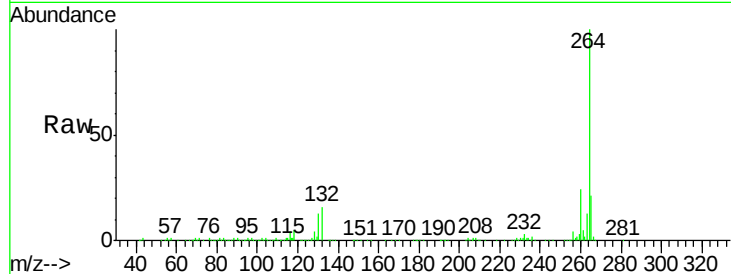
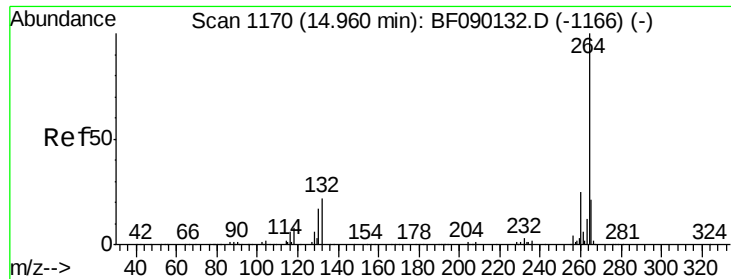


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.03 min
Lab File: BF090313.D
Acq: 30 Sep 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SUP-B044-6-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.0	25.4

