

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090250.D
 Acq On : 27 Sep 2016 14:09
 Operator : UM/SJ
 Sample : PB93621BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BL

Quant Time: Sep 27 16:55:56 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	6.47	152	148831	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	600617	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	328258	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	586794	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	506229	20.00	ng	-0.02
86) Perylene-d12	14.90	264	453614	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1010191	110.64	ng	0.01
7) Phenol-d6	6.14	99	1445538	128.19	ng	0.00
23) Nitrobenzene-d5	7.04	82	734460	70.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	323729	114.95	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1399412	83.69	ng	-0.01
78) Terphenyl-d14	12.56	244	1244396	62.41	ng	0.00

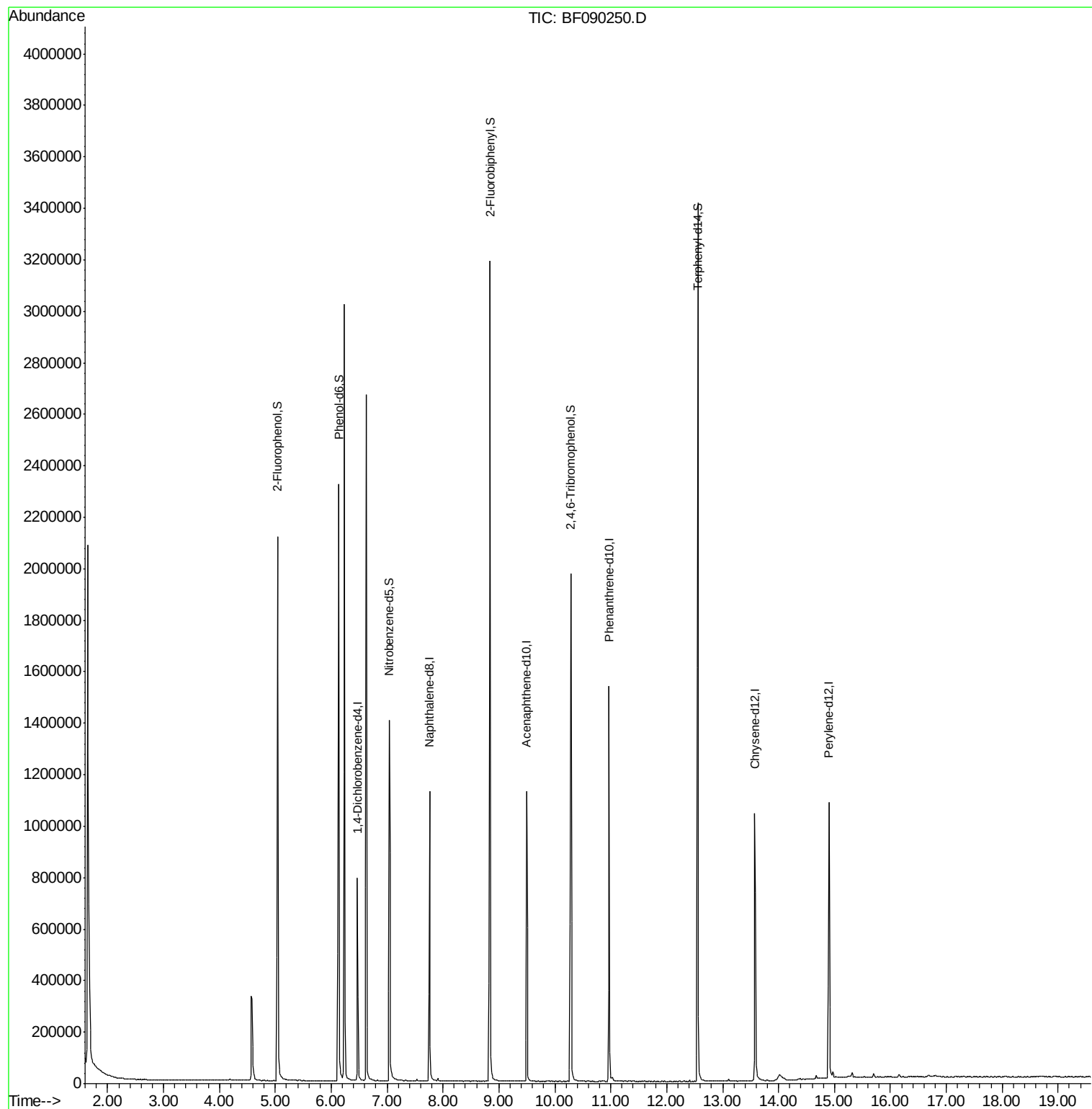
Target Compounds Qvalue

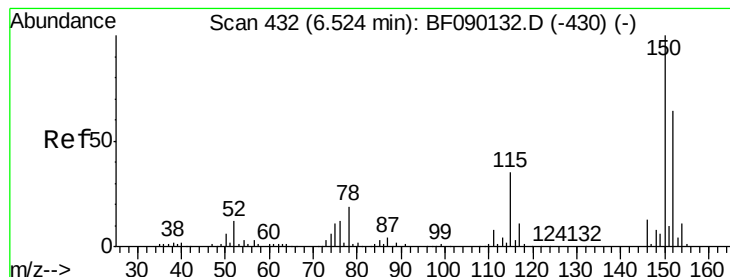
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB93621BL

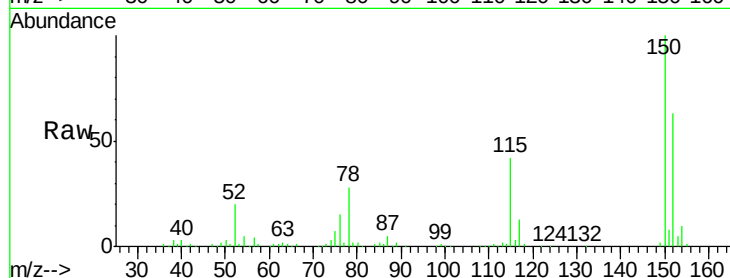
Tot Ion:152 Resp: 148831

Ion Ratio Lower Upper

152 100

150 157.8 128.9 193.3

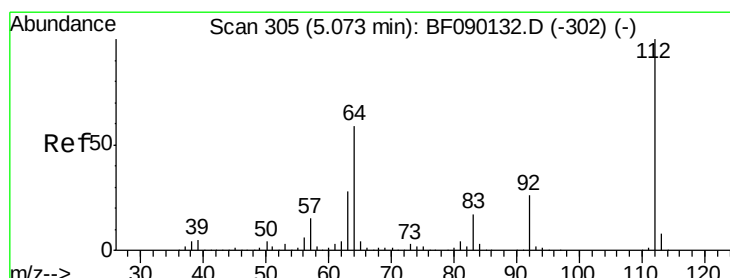
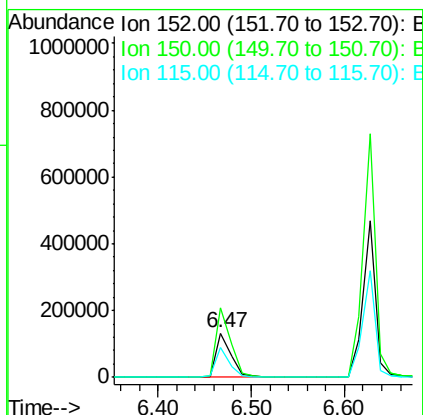
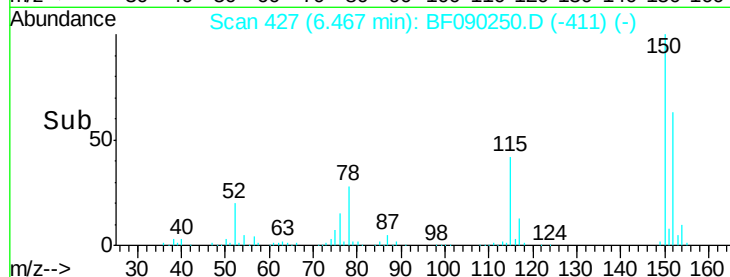
115 66.8 55.5 83.3



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: 110.64 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

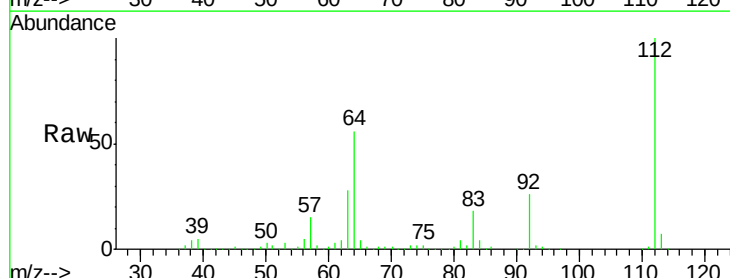
Tgt Ion:112 Resp: 1010191

Ion Ratio Lower Upper

112 100

64 55.8 39.8 59.6

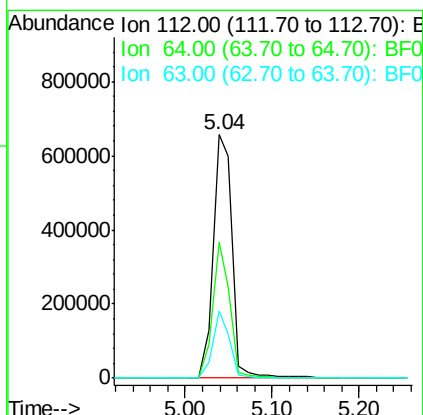
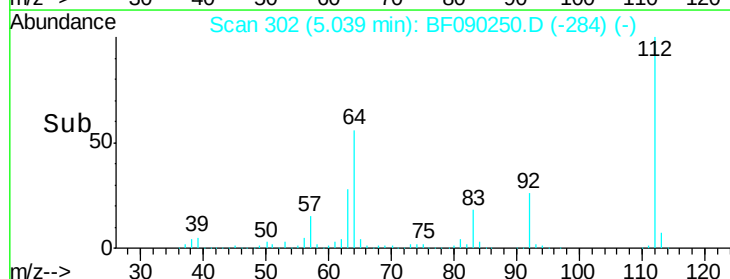
63 27.7 18.9 28.3

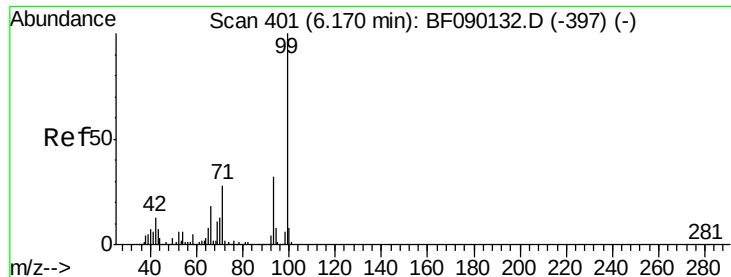


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.19 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Instrument :

BNA_F

ClientSampled :

PB93621BL

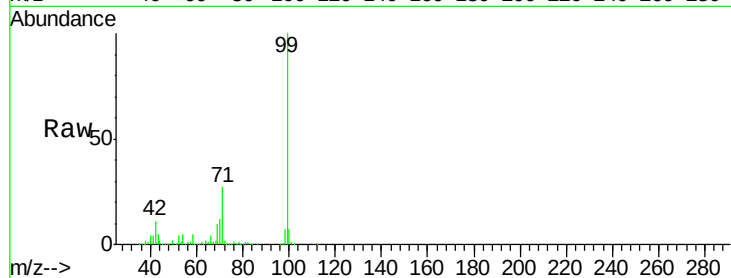
Tot Ion: 99 Resp: 1445538

Ion Ratio Lower Upper

99 100

42 10.6 10.6 15.8

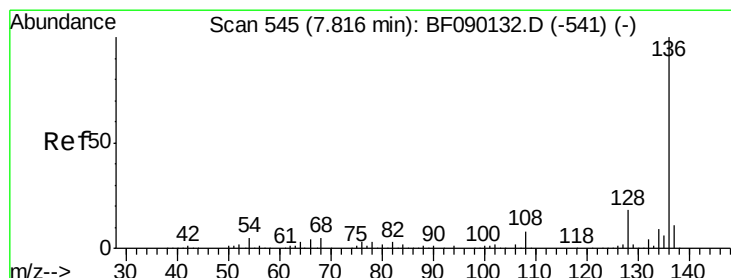
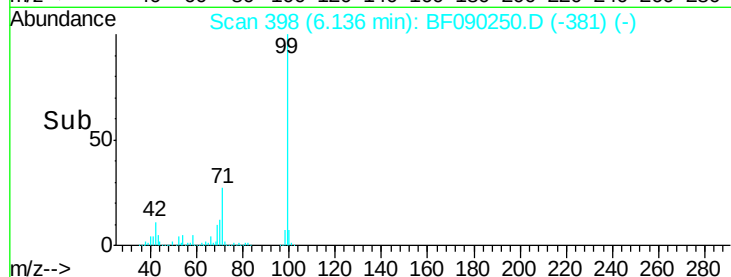
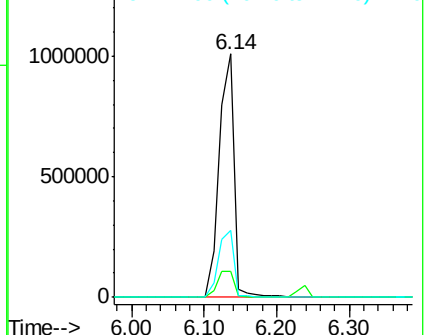
71 27.3 23.0 34.6



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Tgt Ion: 136 Resp: 600617

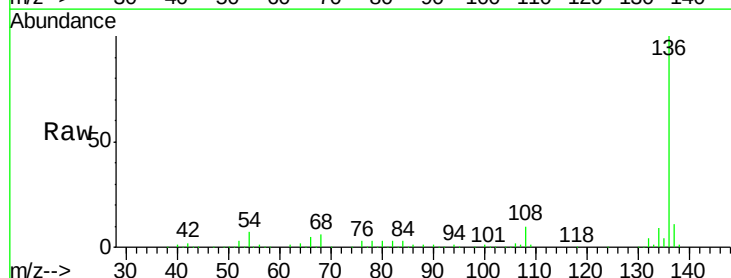
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.6 6.4 9.6

68 6.4 6.3 9.5

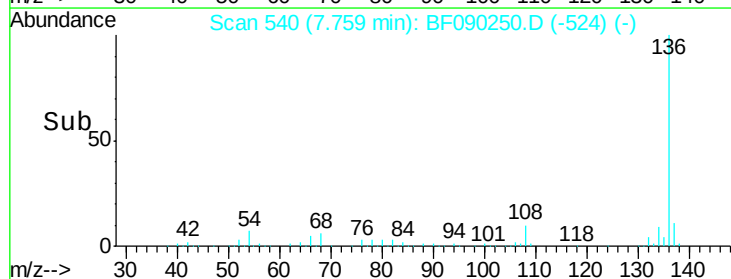
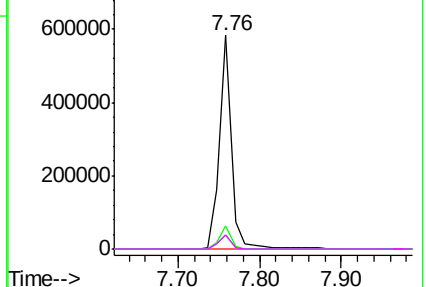


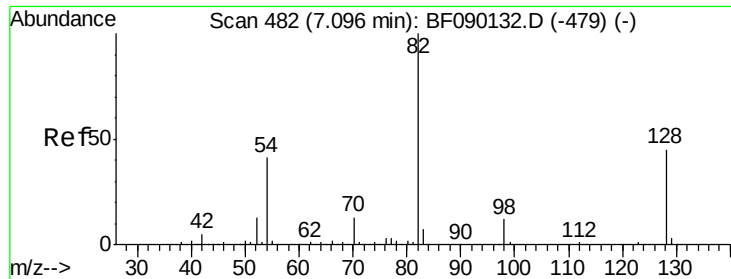
Abundance Ion 136.00 (135.70 to 136.70): E

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

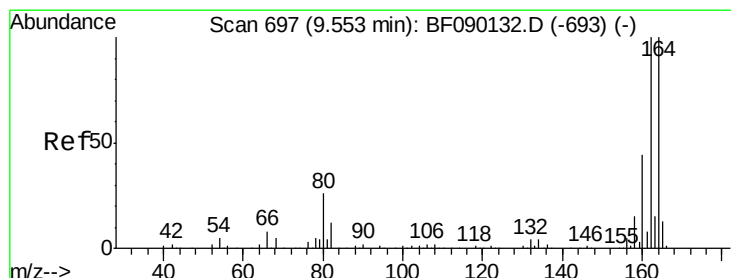
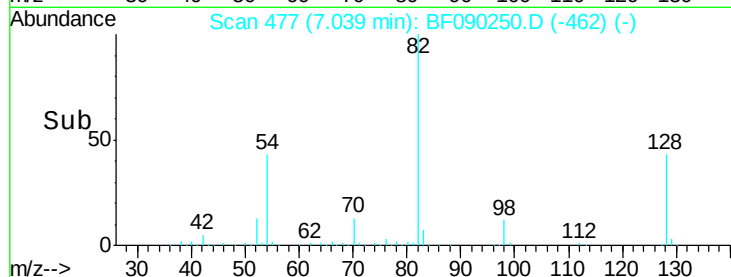
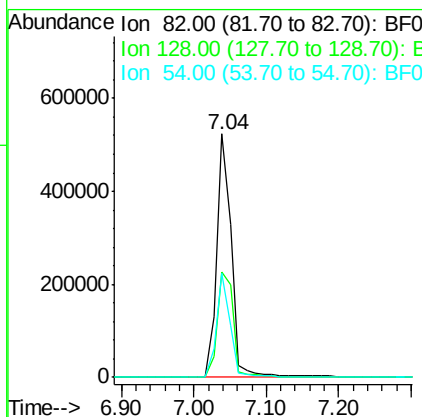
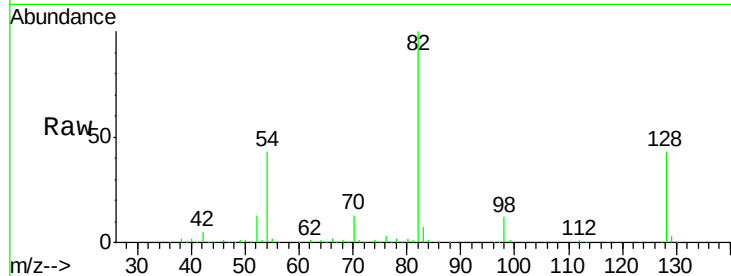




#23
 Nitrobenzene-d5
 Concen: 70.89 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090250.D
 Acq: 27 Sep 2016 14:09

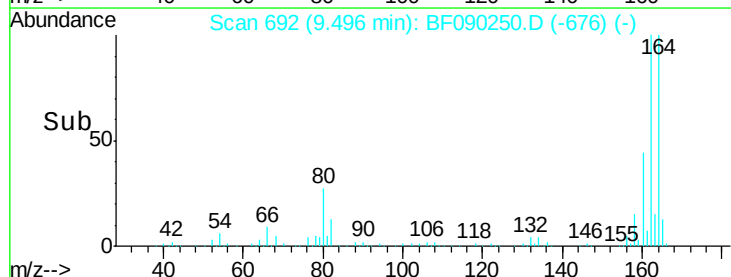
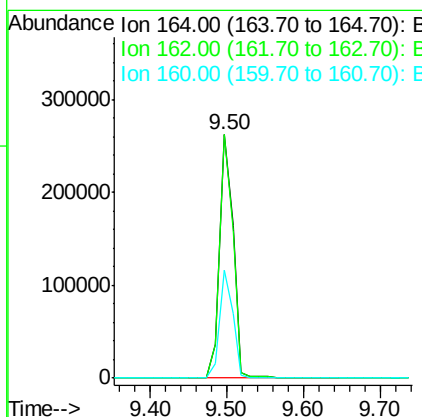
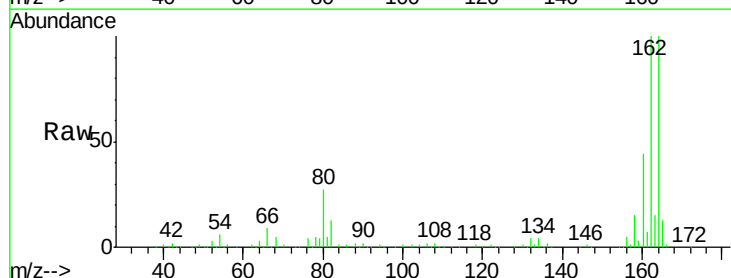
Instrument :
 BNA_F
 ClientSampleId :
 PB93621BL

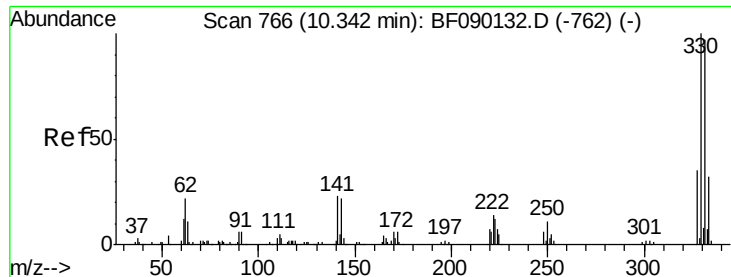
Tot Ion: 82 Resp: 734460
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.5 56.3
 54 42.7 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090250.D
 Acq: 27 Sep 2016 14:09

Tgt Ion: 164 Resp: 328258
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.4 122.2
 160 44.4 36.6 54.8

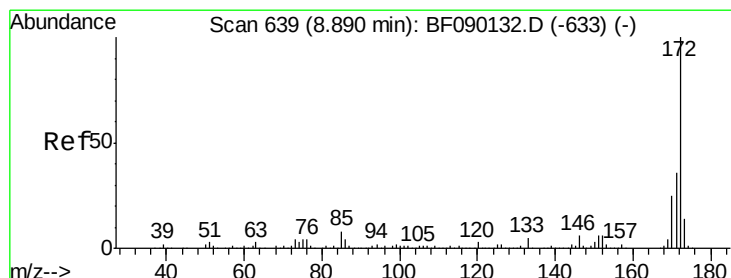
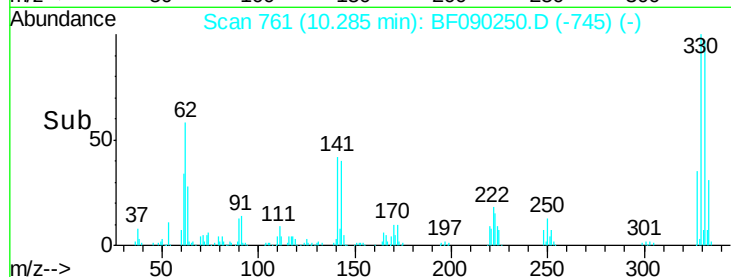
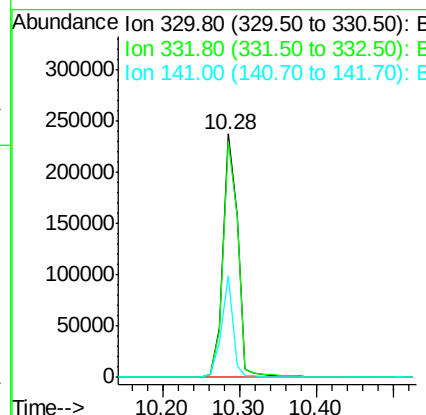
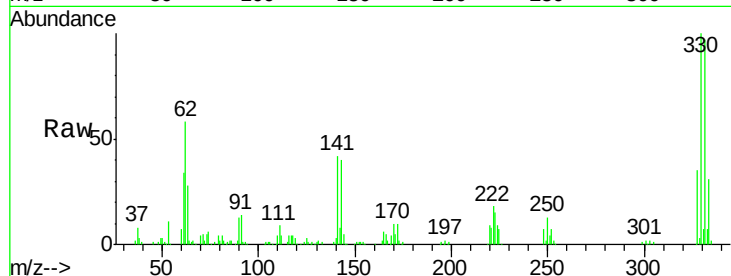




#41
 2,4,6-Tribromophenol
 Concen: 114.95 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090250.D
 Acq: 27 Sep 2016 14:09

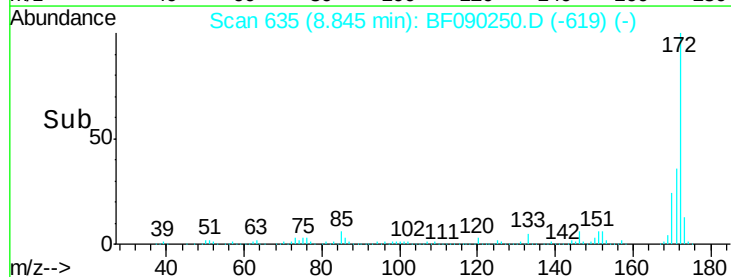
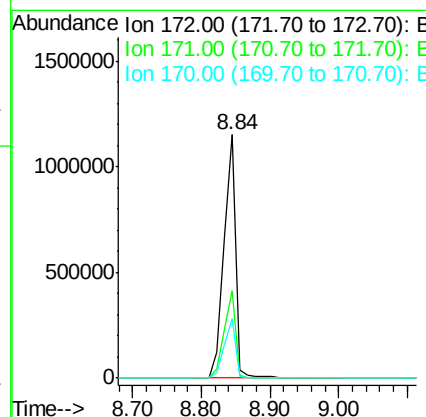
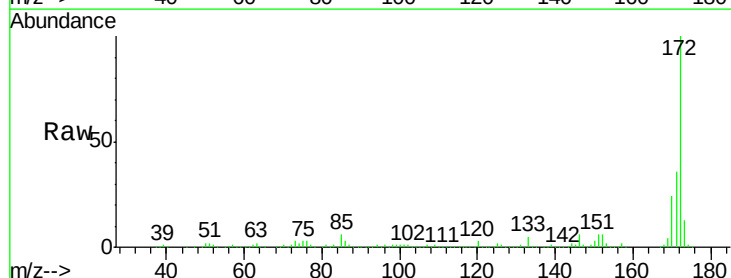
Instrument :
 BNA_F
 ClientSampleId :
 PB93621BL

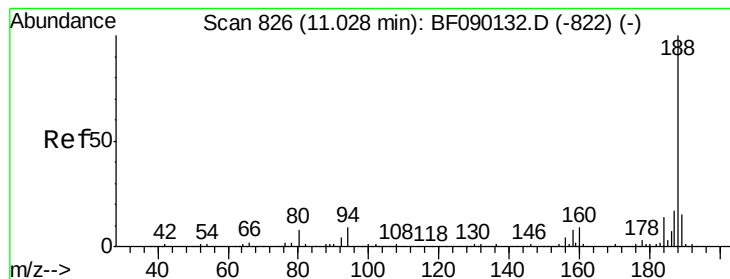
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	32.4	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 83.69 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090250.D
 Acq: 27 Sep 2016 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.5	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB93621BL

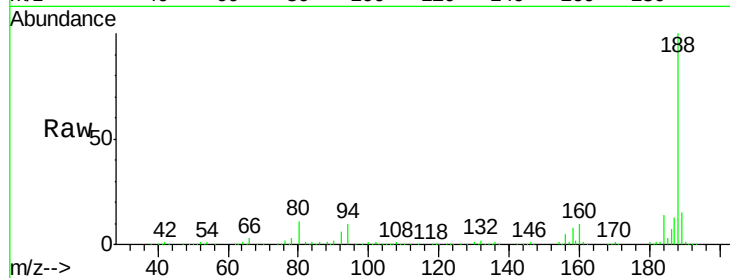
Tot Ion:188 Resp: 586794

Ion Ratio Lower Upper

188 100

94 10.4 10.5 15.7#

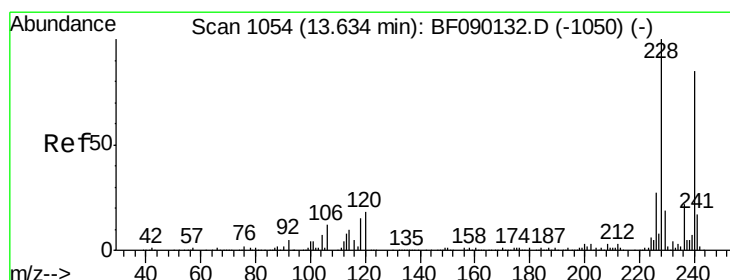
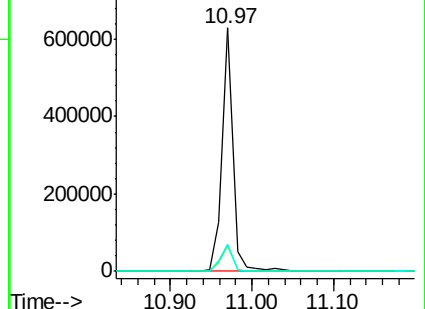
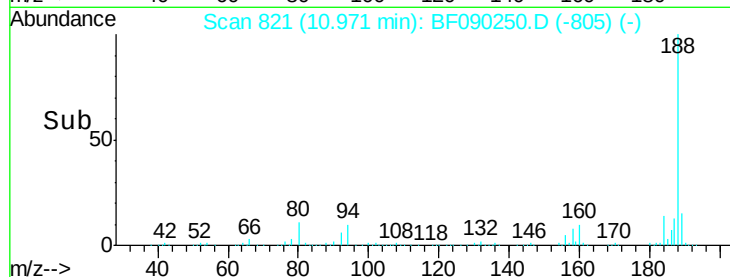
80 11.0 11.2 16.8#



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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

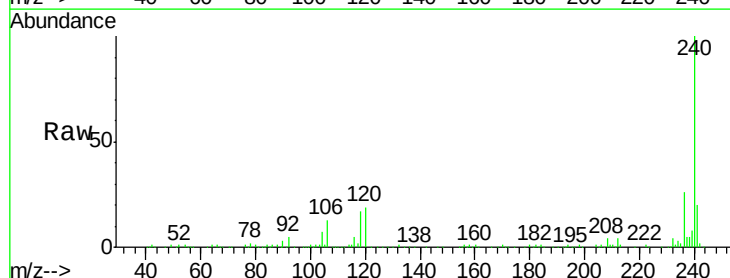
Tgt Ion:240 Resp: 506229

Ion Ratio Lower Upper

240 100

120 18.7 10.6 16.0#

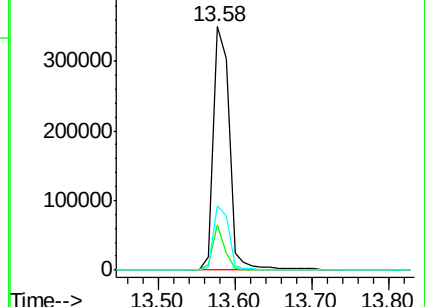
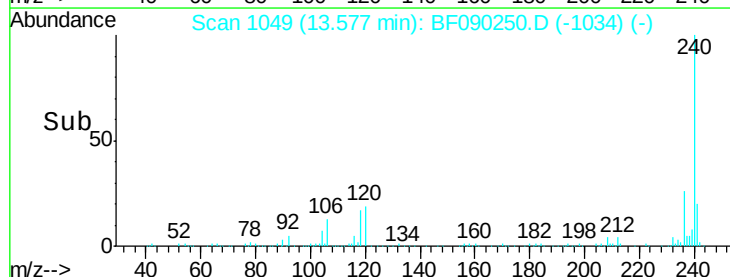
236 26.4 21.6 32.4

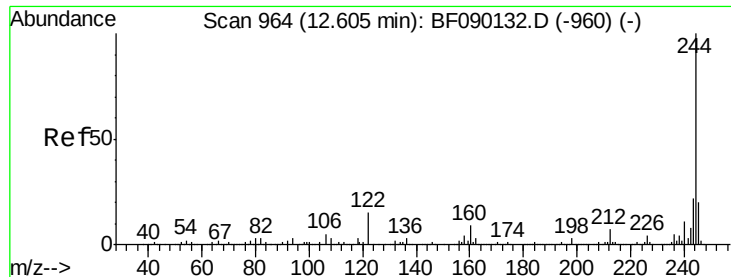


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.41 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Instrument :

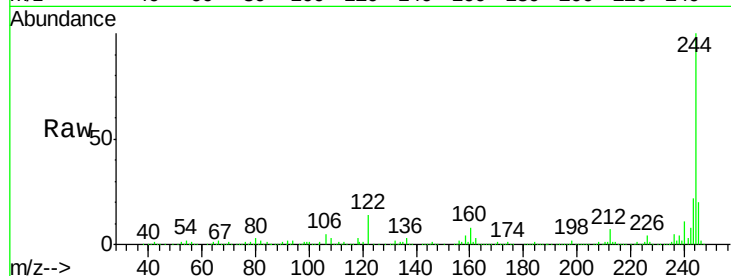
BNA_F

ClientSampleID :

PB93621BL

Tot Ion:244 Resp: 1244396

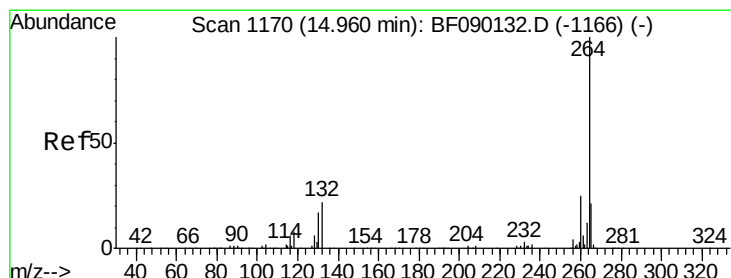
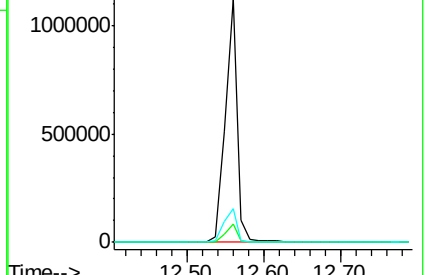
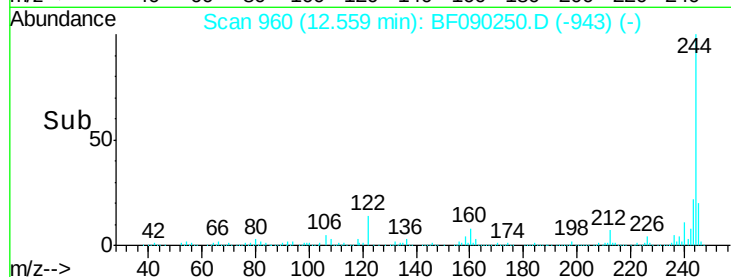
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.8	9.4	14.0



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

Perylene-d12

Concen: 20.00 ng

RT: 14.90 min Scan# 1165

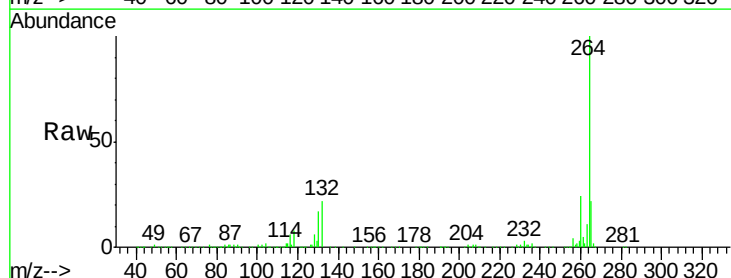
Delta R.T. -0.01 min

Lab File: BF090250.D

Acq: 27 Sep 2016 14:09

Tgt Ion:264 Resp: 453614

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

