

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090315.D
 Acq On : 30 Sep 2016 15:47
 Operator : UM/SJ
 Sample : PB93703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BL

Quant Time: Sep 30 16:49:50 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 16:07:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	129368	20.00	ng	-0.01
21) Naphthalene-d8	7.74	136	537827	20.00	ng	-0.01
38) Acenaphthene-d10	9.47	164	303828	20.00	ng	-0.01
63) Phenanthrene-d10	10.95	188	520844	20.00	ng	0.00
75) Chrysene-d12	13.55	240	369572	20.00	ng	-0.01
86) Perylene-d12	14.88	264	286777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	984252	124.01	ng	0.02
7) Phenol-d6	6.11	99	1331039	135.80	ng	0.00
23) Nitrobenzene-d5	7.03	82	888095	95.72	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	373402	143.25	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1426333	92.16	ng	0.00
78) Terphenyl-d14	12.54	244	1190634	81.79	ng	0.00

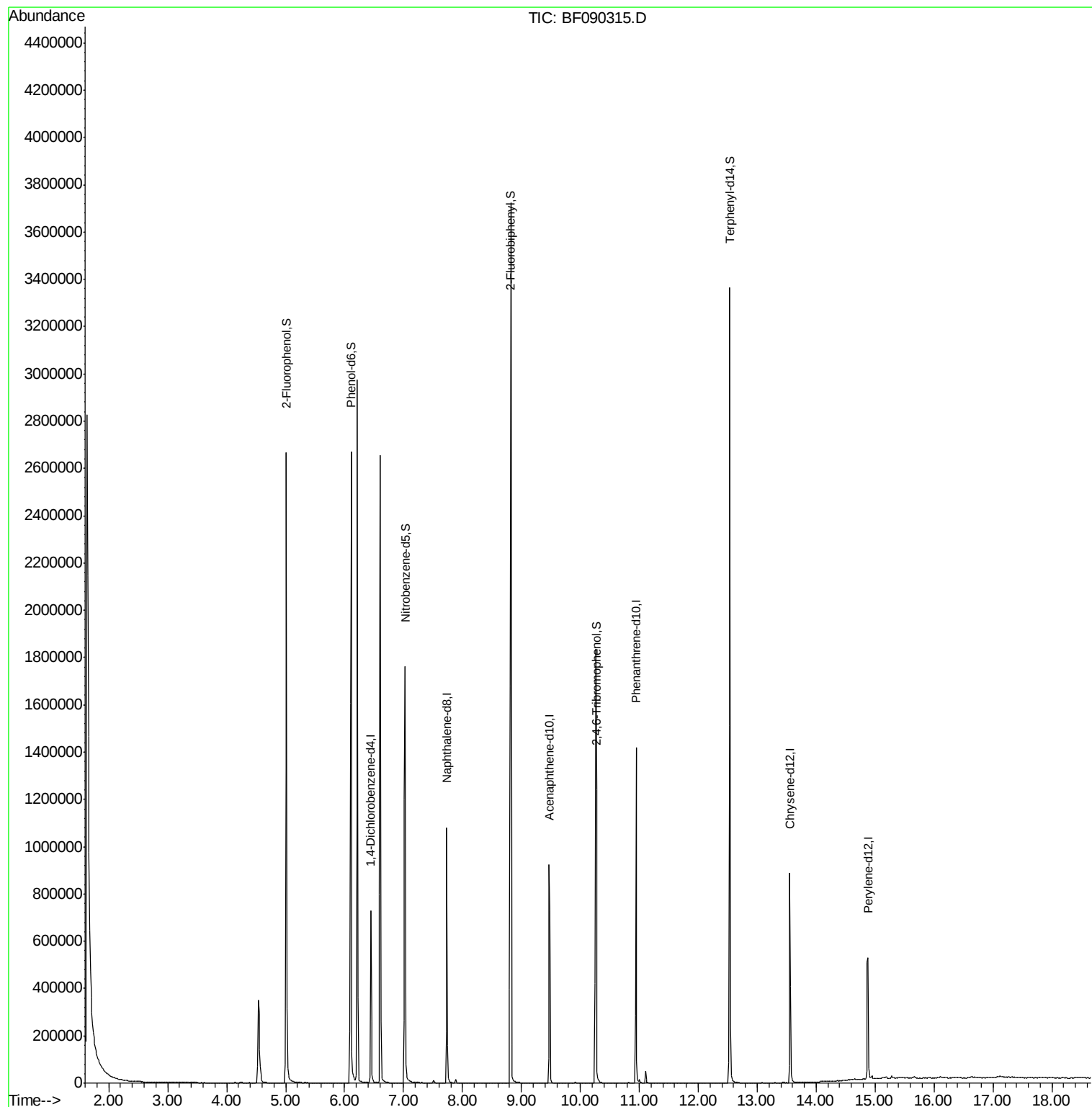
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090315.D

Acq: 30 Sep 2016 15:47

Instrument :

BNA_F

ClientSampleId :

PB93703BL

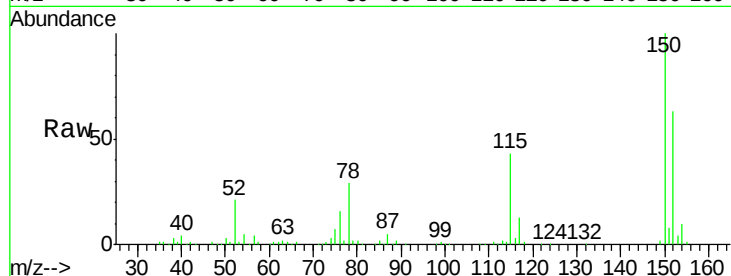
Tot Ion:152 Resp: 129368

Ion Ratio Lower Upper

152 100

150 158.3 128.9 193.3

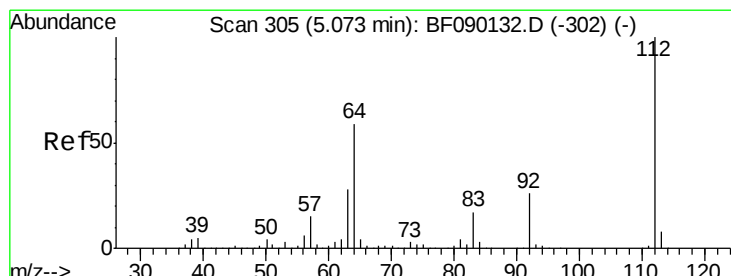
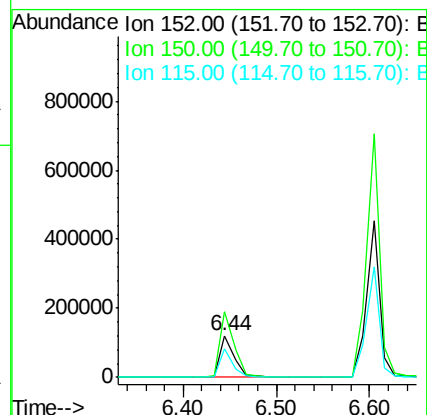
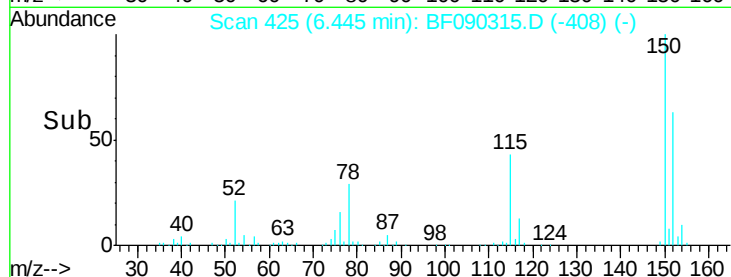
115 67.6 55.5 83.3



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: 124.01 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090315.D

Acq: 30 Sep 2016 15:47

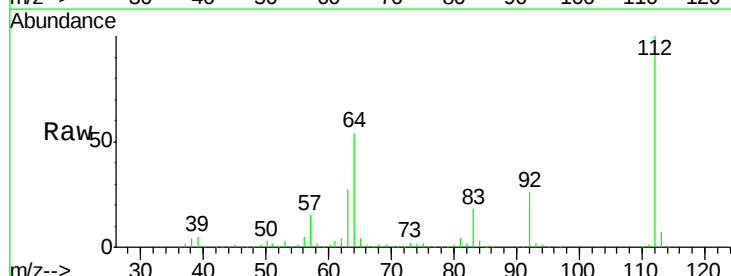
Tgt Ion:112 Resp: 984252

Ion Ratio Lower Upper

112 100

64 54.3 39.8 59.6

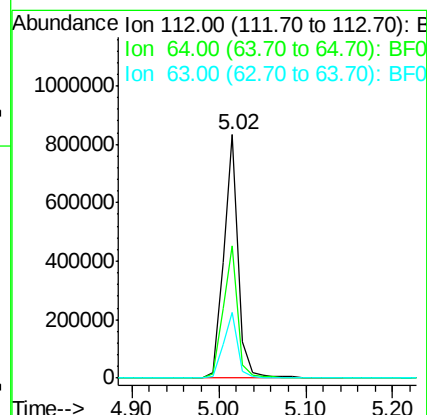
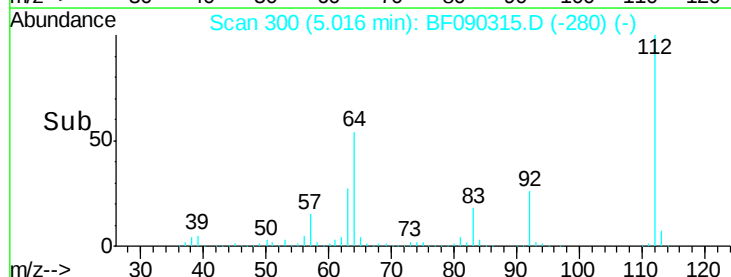
63 27.0 18.9 28.3



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: 135.80 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF090315.D

Acq: 30 Sep 2016 15:47

Instrument :

BNA_F

ClientSampleId :

PB93703BL

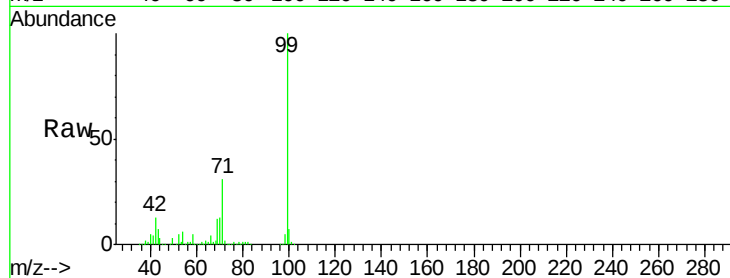
Tot Ion: 99 Resp: 1331039

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

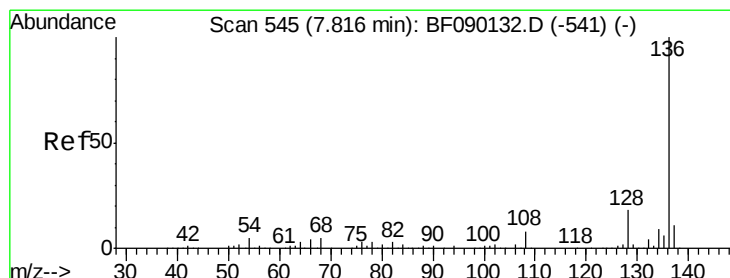
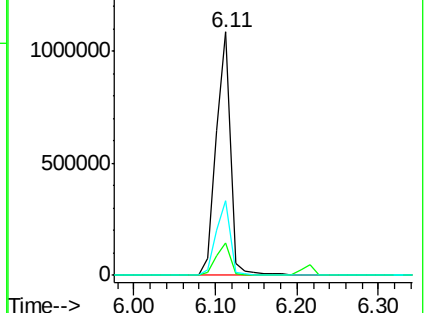
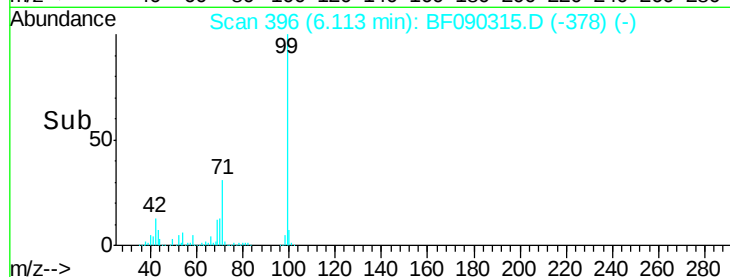
71 30.5 23.0 34.6



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: BF090315.D

Acq: 30 Sep 2016 15:47

Tgt Ion: 136 Resp: 537827

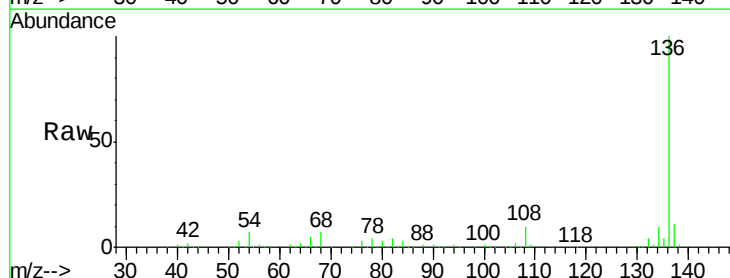
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.1 6.4 9.6

68 6.6 6.3 9.5

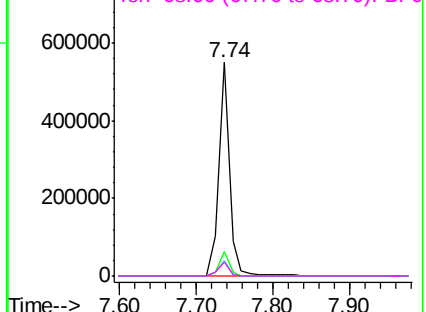
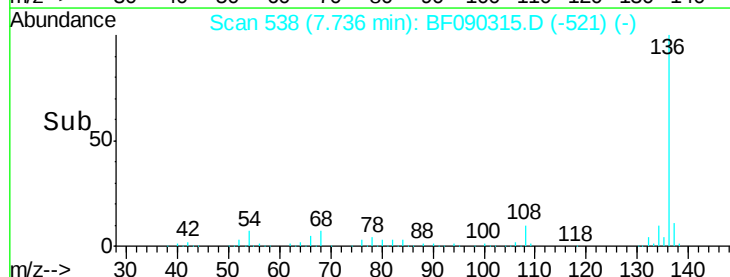


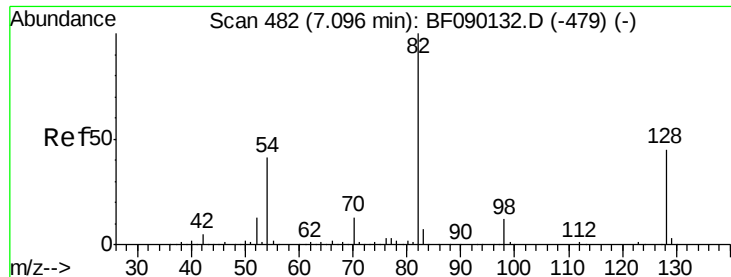
Abundance Ion 136.00 (135.70 to 136.70): E

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

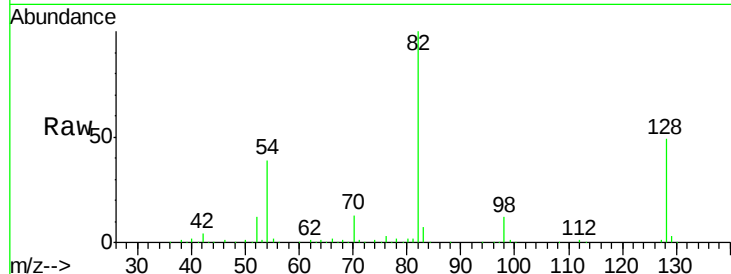




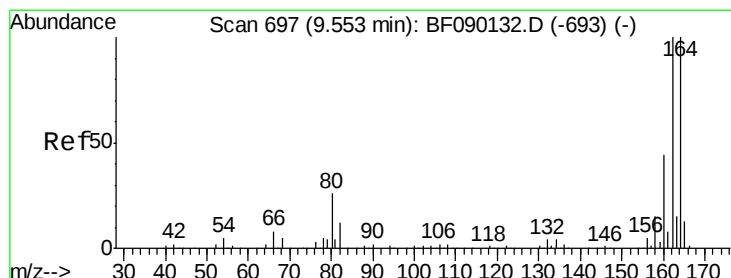
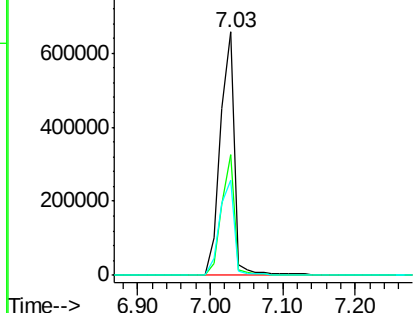
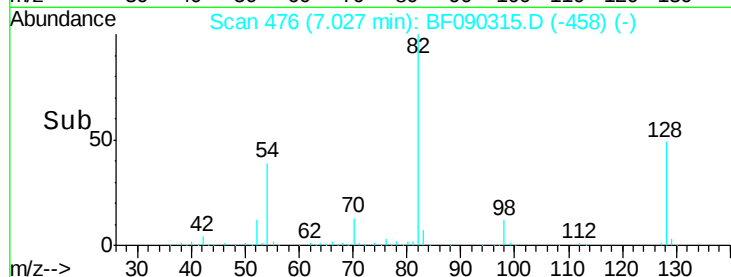
#23
 Nitrobenzene-d5
 Concen: 95.72 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090315.D
 Acq: 30 Sep 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BL

Tot Ion	82	Resp	888095
Ion Ratio	100	Lower	Upper
128	49.5	37.5	56.3
54	38.8	31.9	47.9

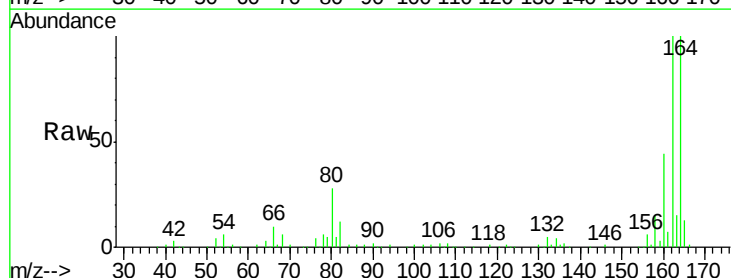


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

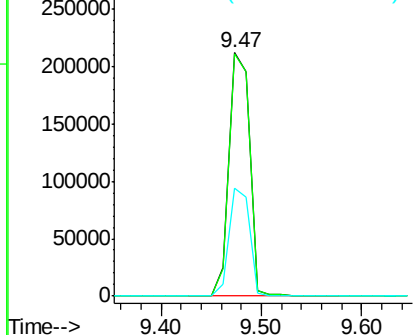
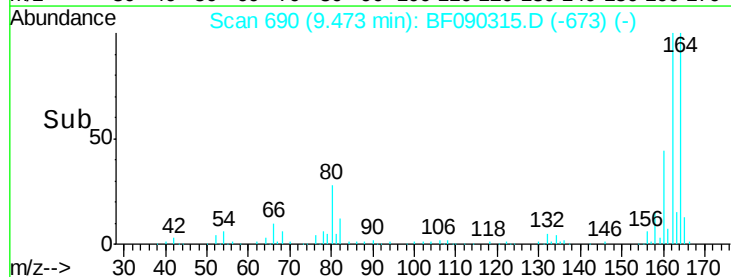


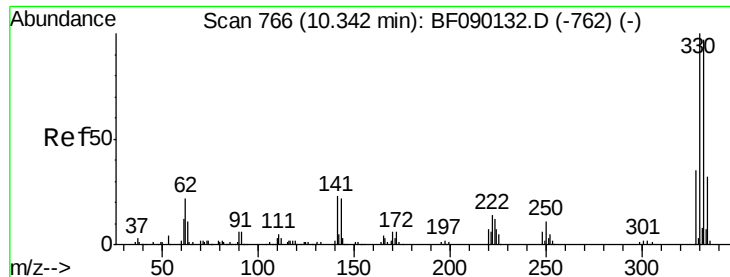
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF090315.D
 Acq: 30 Sep 2016 15:47

Tgt Ion	164	Resp	303828
Ion Ratio	100	Lower	Upper
162	99.6	81.4	122.2
160	44.3	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

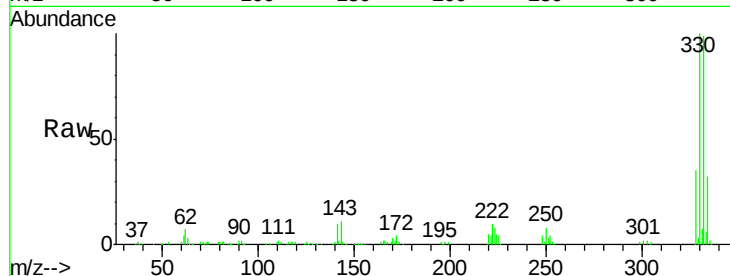




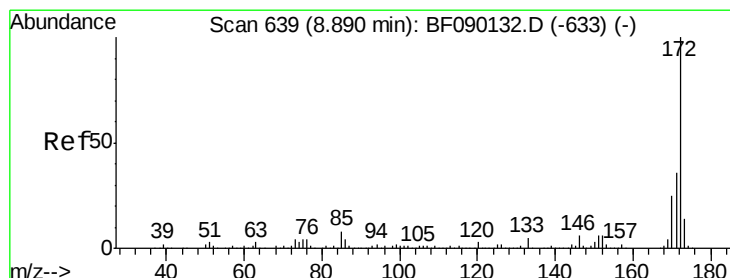
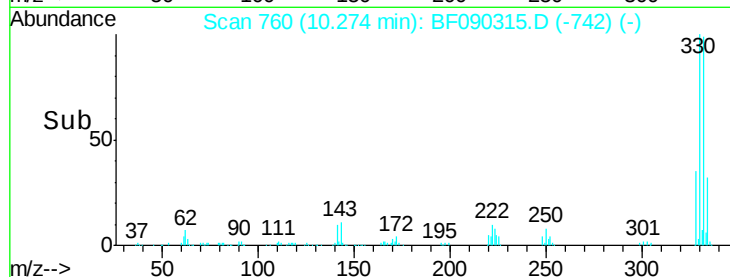
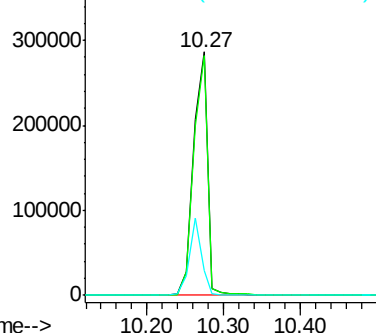
#41
 2,4,6-Tribromophenol
 Concen: 143.25 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF090315.D
 Acq: 30 Sep 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	27.8	23.9	35.9

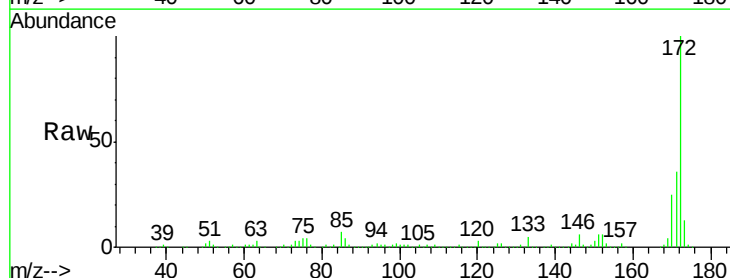


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

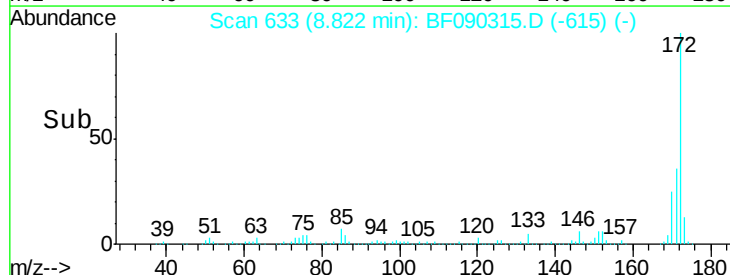
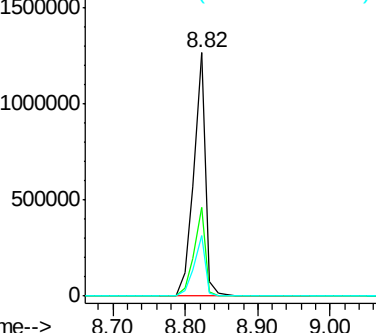


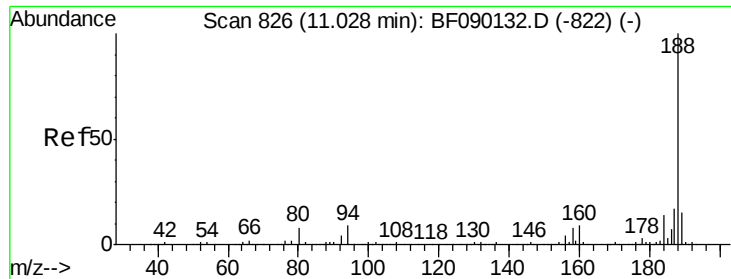
#44
 2-Fluorobiphenyl
 Concen: 92.16 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF090315.D
 Acq: 30 Sep 2016 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.9	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

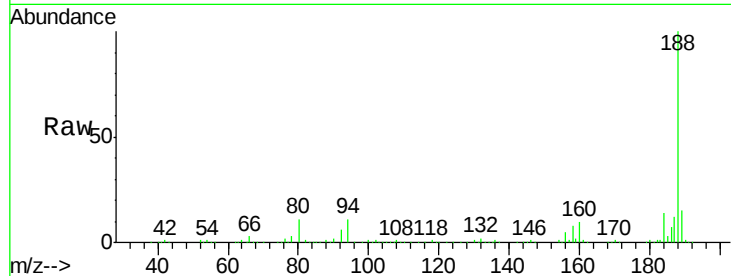




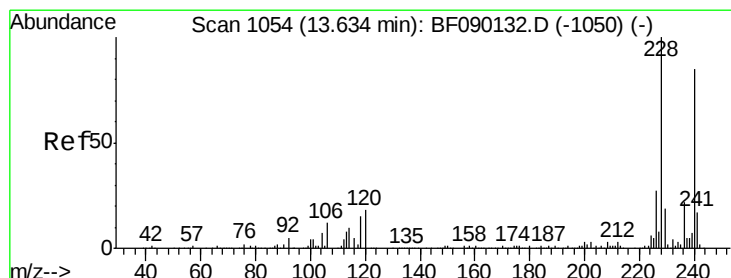
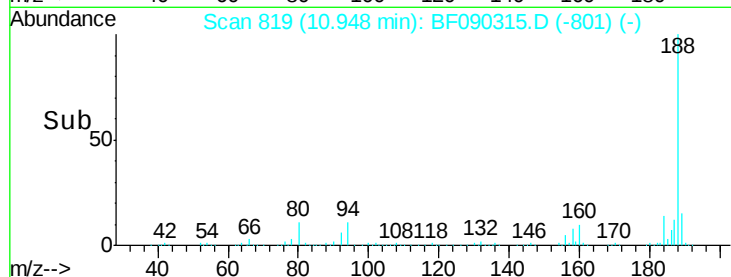
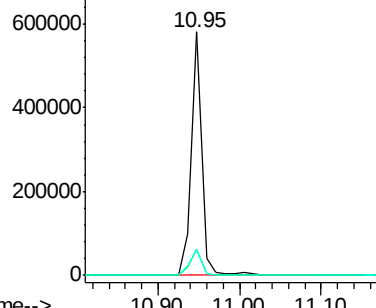
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF090315.D
Acq: 30 Sep 2016 15:47

Instrument :
BNA_F
ClientSampleId :
PB93703BL

Tot Ion:188 Resp: 520844
Ion Ratio Lower Upper
188 100
94 10.8 10.5 15.7
80 10.8 11.2 16.8#

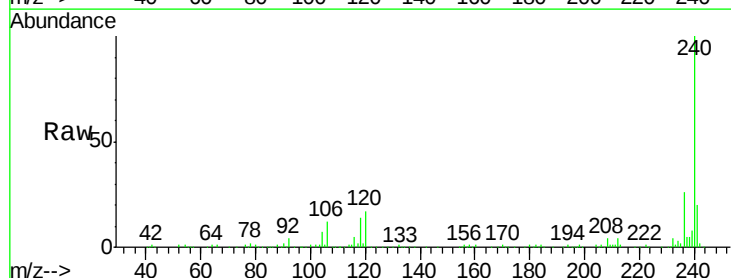


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

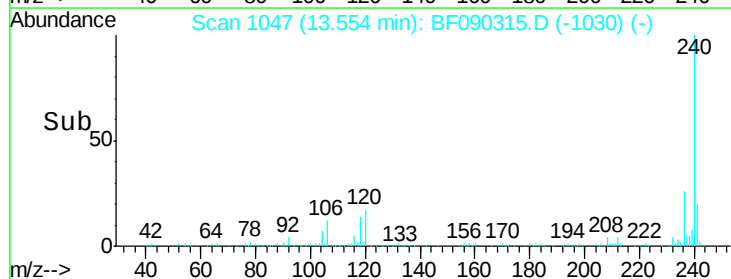
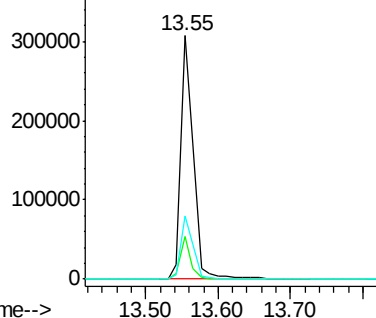


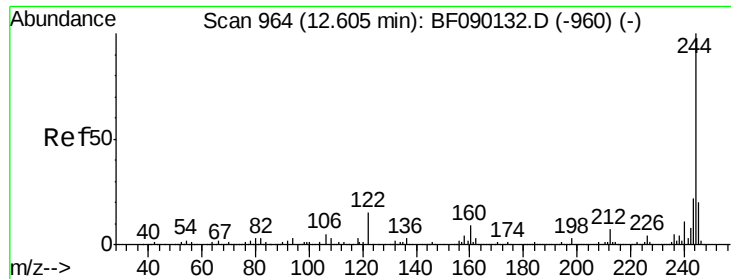
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF090315.D
Acq: 30 Sep 2016 15:47

Tgt Ion:240 Resp: 369572
Ion Ratio Lower Upper
240 100
120 17.4 10.6 16.0#
236 25.9 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: 81.79 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF090315.D

Acq: 30 Sep 2016 15:47

Instrument :

BNA_F

ClientSampleID :

PB93703BL

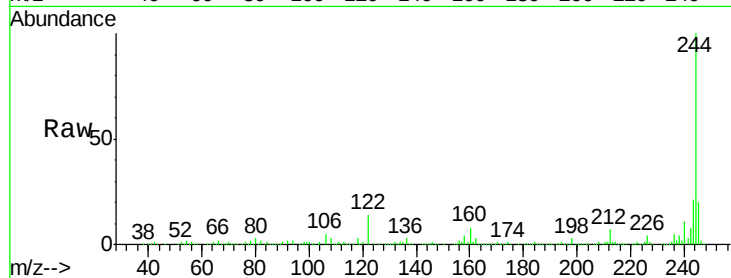
Tot Ion:244 Resp: 1190634

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

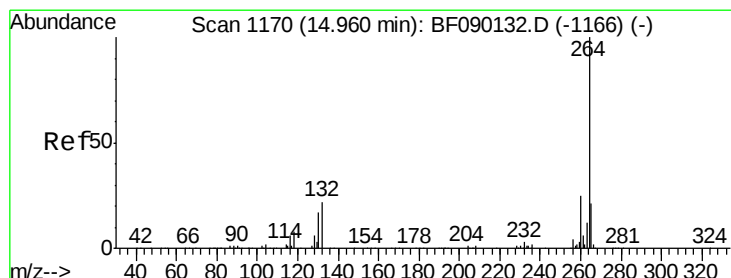
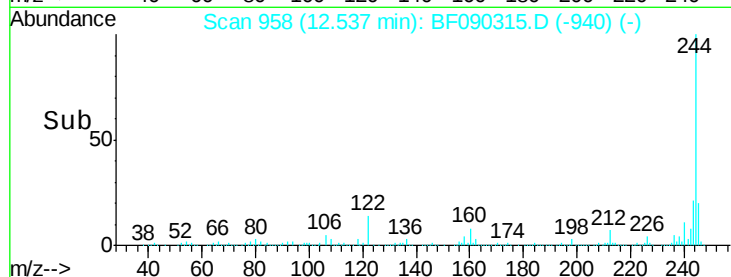
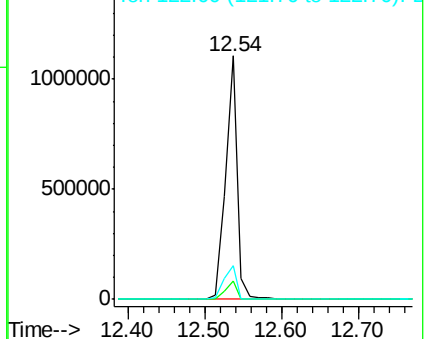
122 13.9 9.4 14.0



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

Perylene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF090315.D

Acq: 30 Sep 2016 15:47

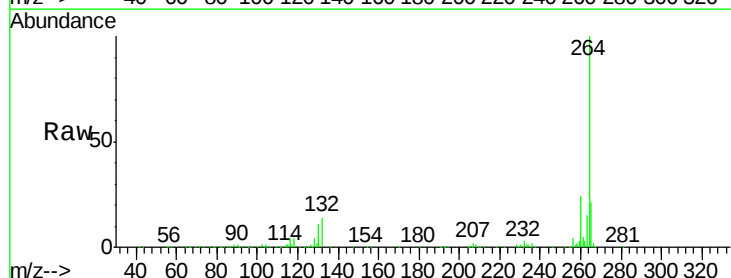
Tgt Ion:264 Resp: 286777

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.1 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

