

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090168.D
 Acq On : 21 Sep 2016 19:21
 Operator : UM/SJ
 Sample : PB93513BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93513BL

Quant Time: Sep 22 03:33:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	142278	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	559810	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	256292	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	503440	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	428538	20.00	ng	-0.02
86) Perylene-d12	14.94	264	313883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1023937	117.31	ng	0.00
7) Phenol-d6	6.16	99	1290354	119.70	ng	-0.01
23) Nitrobenzene-d5	7.07	82	780496	80.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	284089	129.20	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1359377	104.13	ng	-0.01
78) Terphenyl-d14	12.59	244	1373866	81.39	ng	-0.01

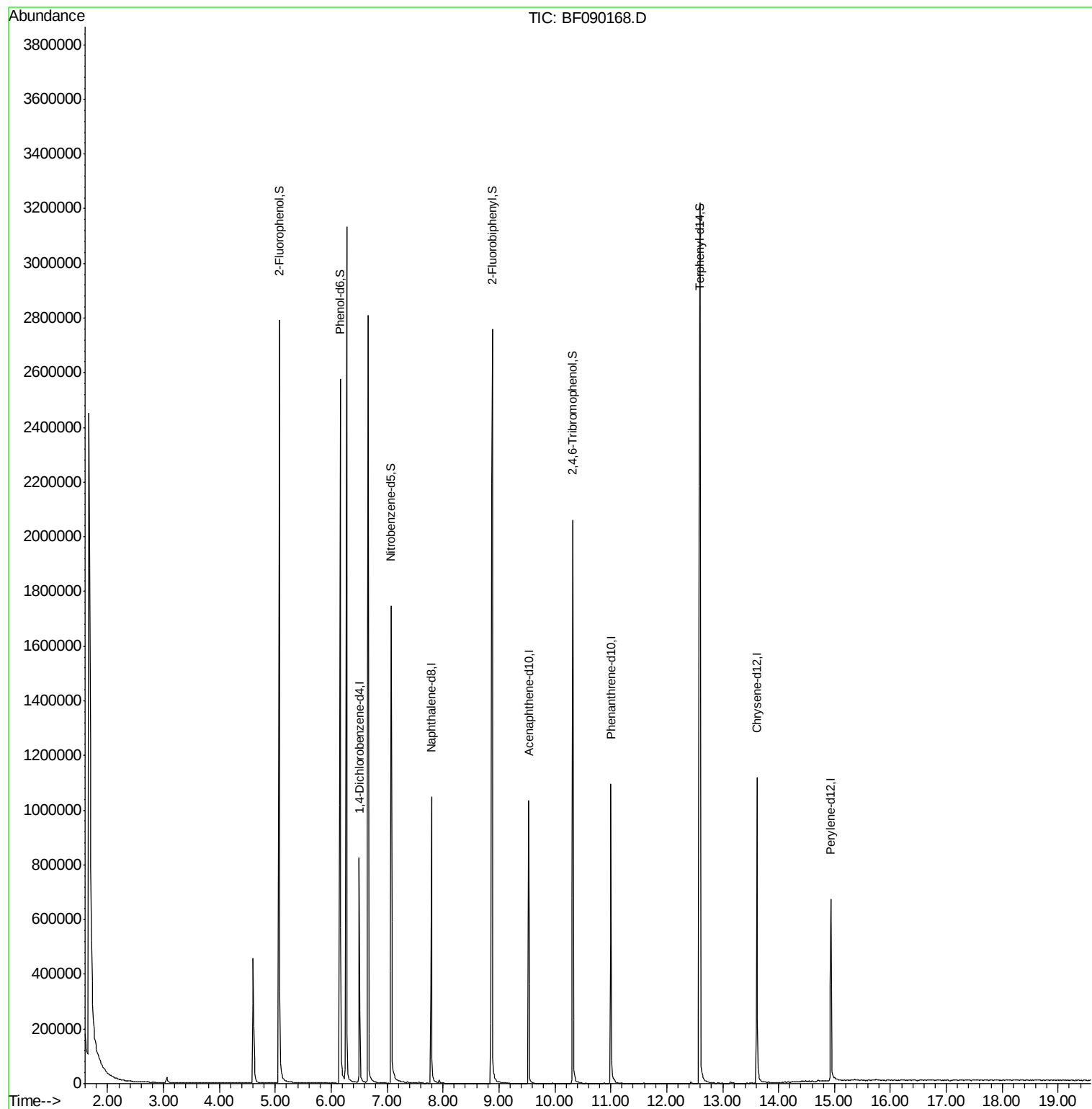
Target Compounds Qvalue

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

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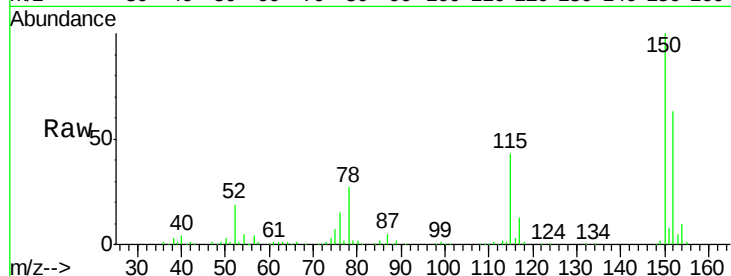


#1

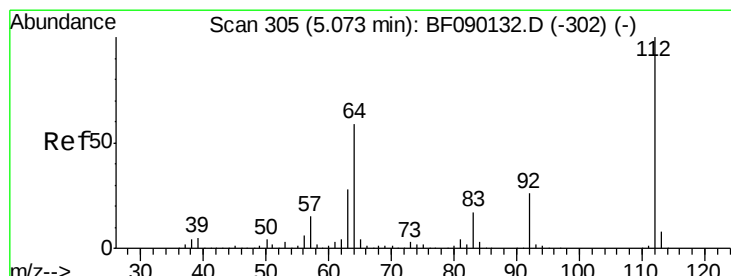
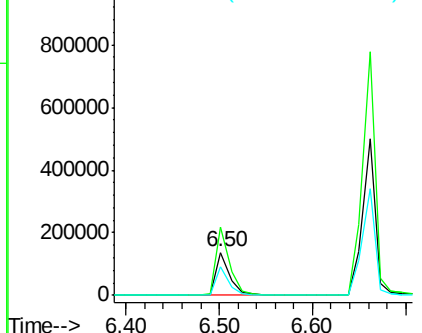
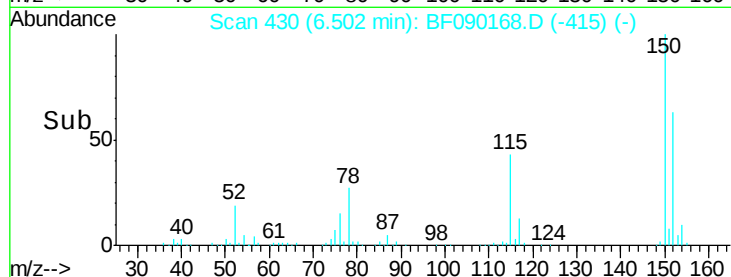
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93513BL

Tot Ion:152 Resp: 142278
 Ion Ratio Lower Upper
 152 100
 150 158.1 128.9 193.3
 115 67.4 55.5 83.3



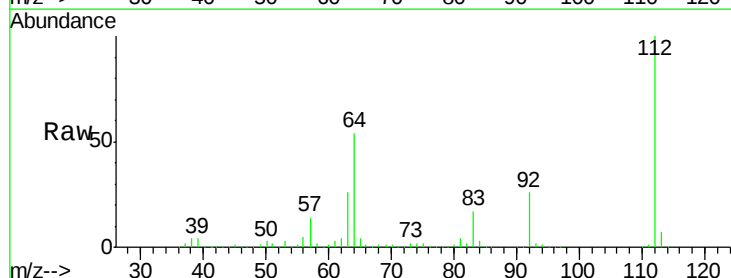
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



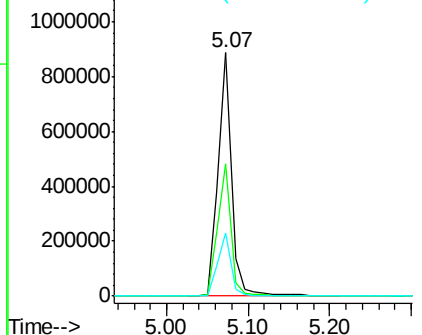
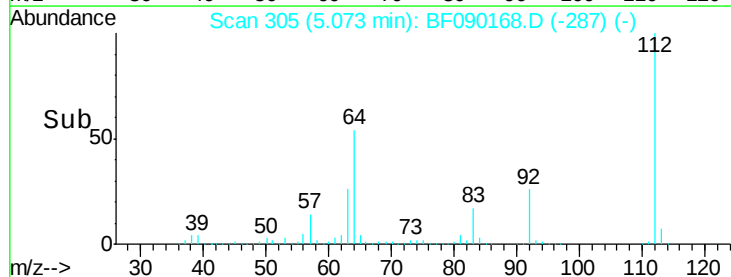
#5

2-Fluorophenol
 Concen: 117.31 ng
 RT: 5.07 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Tgt Ion:112 Resp: 1023937
 Ion Ratio Lower Upper
 112 100
 64 54.1 39.8 59.6
 63 26.1 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: 119.70 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090168.D

Acq: 21 Sep 2016 19:21

Instrument :

BNA_F

ClientSampled :

PB93513BL

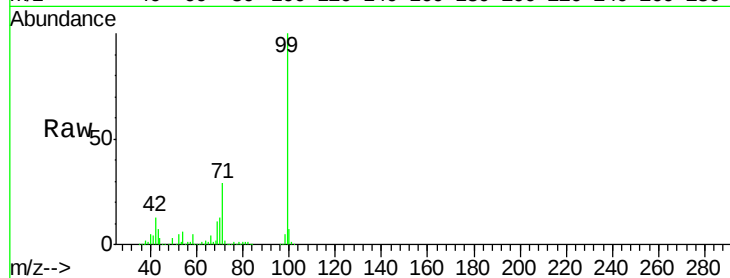
Tot Ion: 99 Resp: 1290354

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

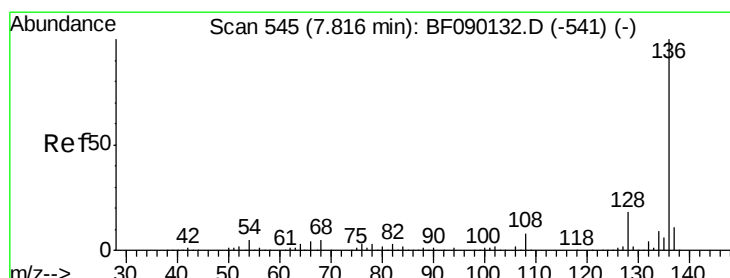
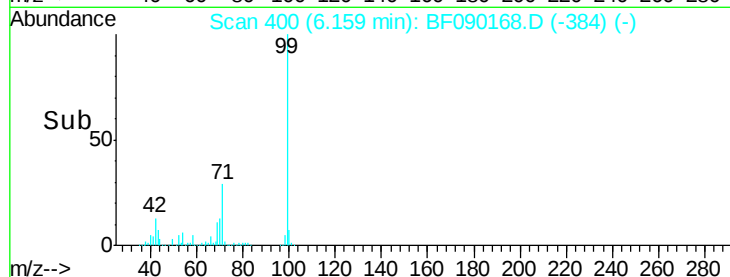
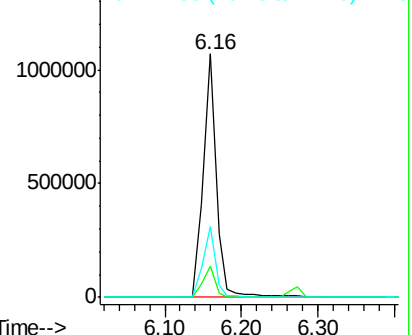
71 29.2 23.0 34.6



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: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090168.D

Acq: 21 Sep 2016 19:21

Tgt Ion: 136 Resp: 559810

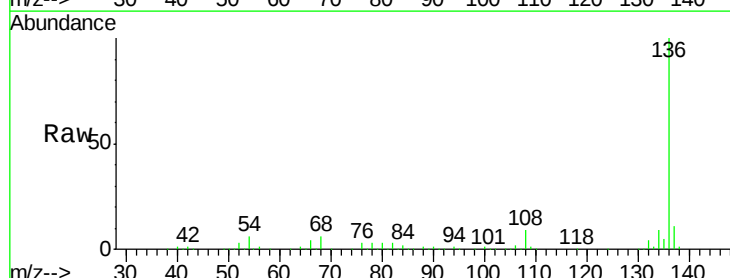
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.2 6.4 9.6#

68 6.1 6.3 9.5#

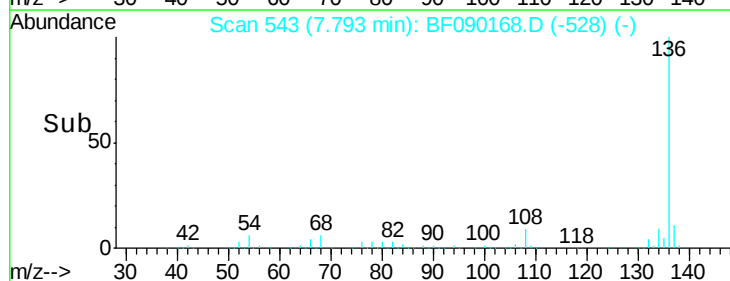
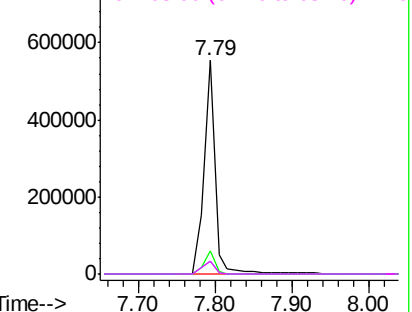


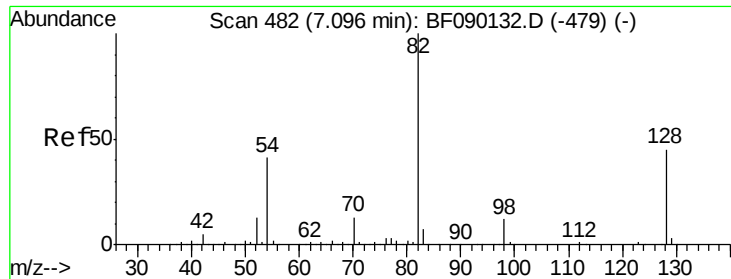
Abundance Ion 136.00 (135.70 to 136.70): E

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

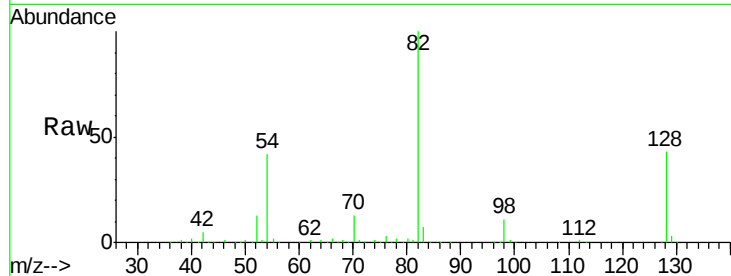




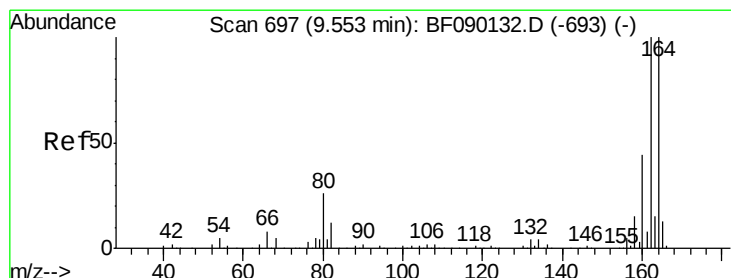
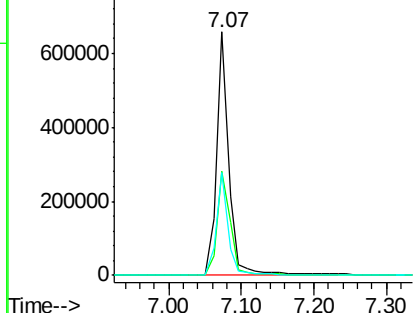
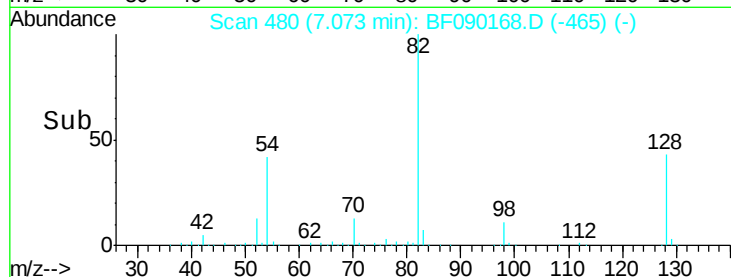
#23
 Nitrobenzene-d5
 Concen: 80.82 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93513BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.5	56.3
54	42.3	31.9	47.9

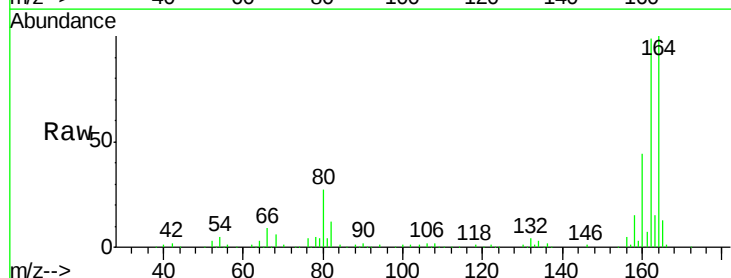


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

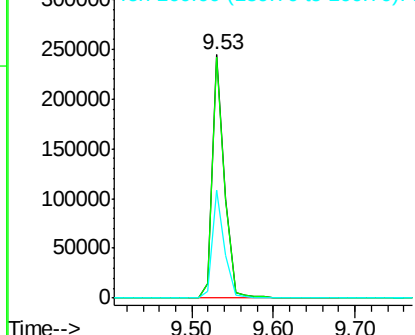
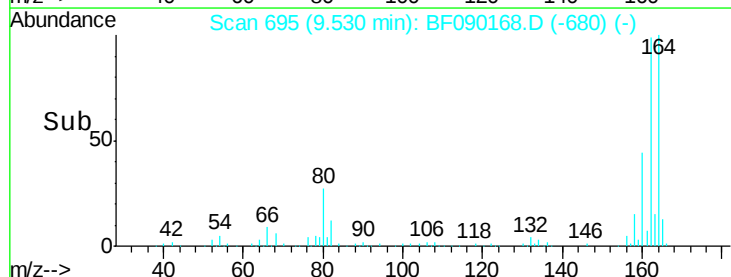


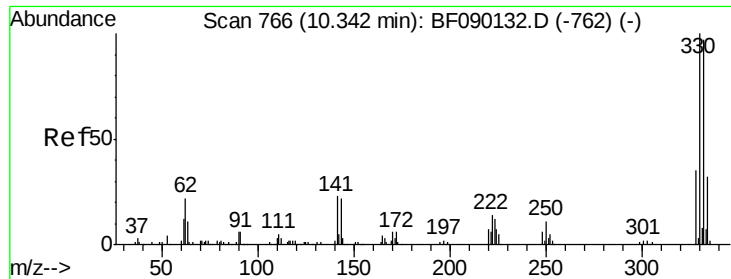
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.2
160	44.1	36.6	54.8



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

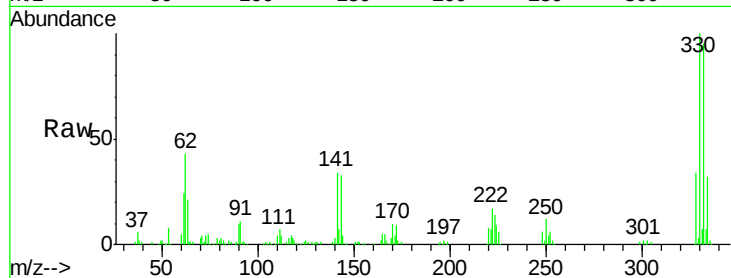




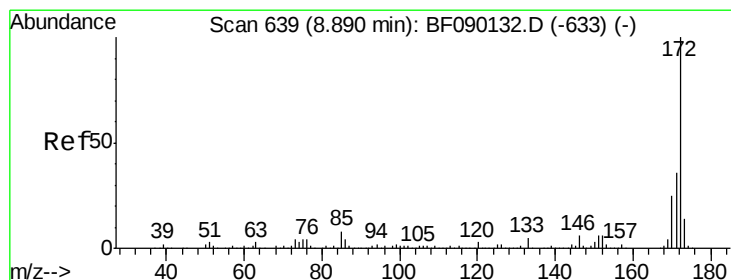
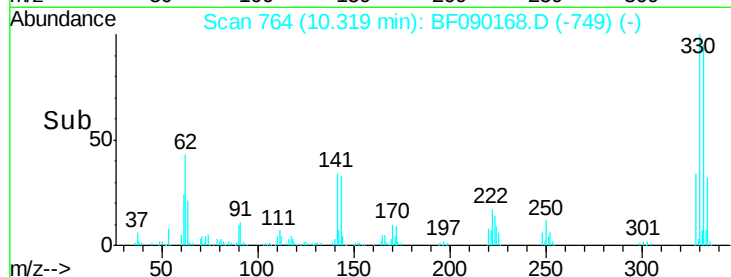
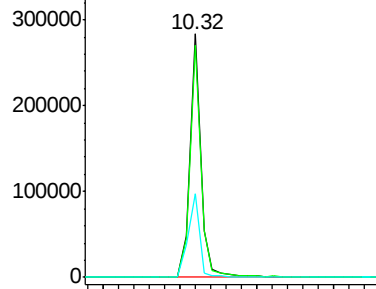
#41
 2,4,6-Tribromophenol
 Concen: 129.20 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93513BL

Tot Ion:330 Resp: 284089
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 36.0 23.9 35.9#

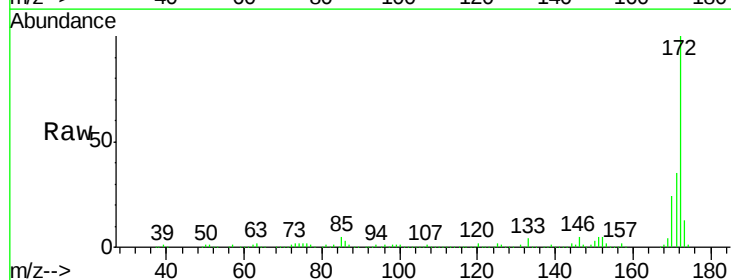


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

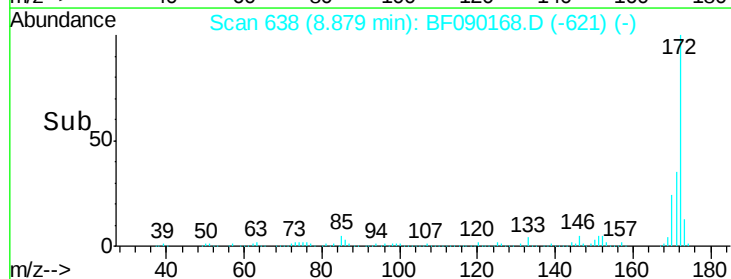
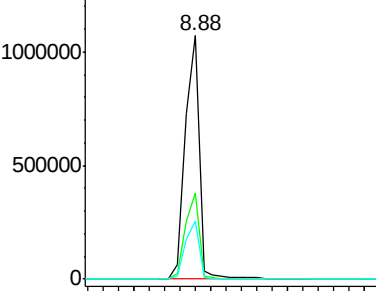


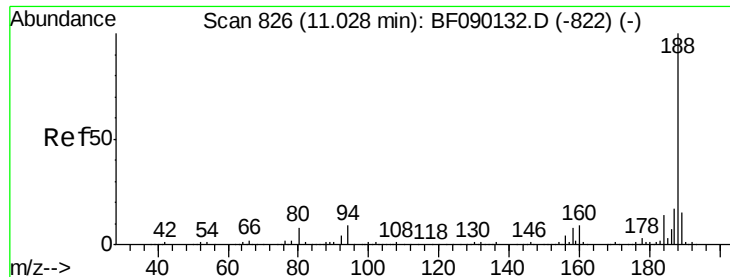
#44
 2-Fluorobiphenyl
 Concen: 104.13 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Tgt Ion:172 Resp: 1359377
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 24.1 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

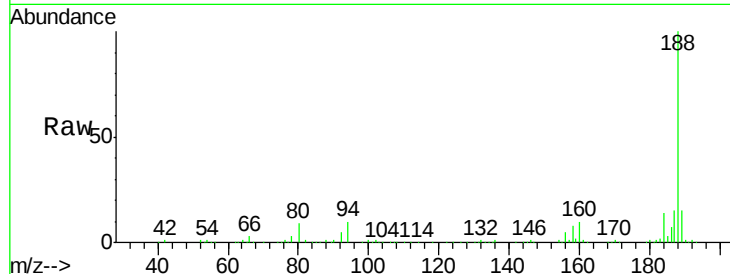




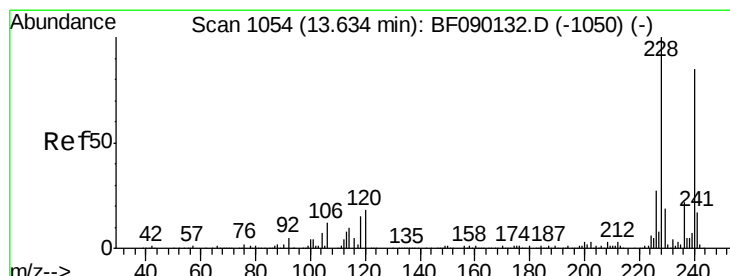
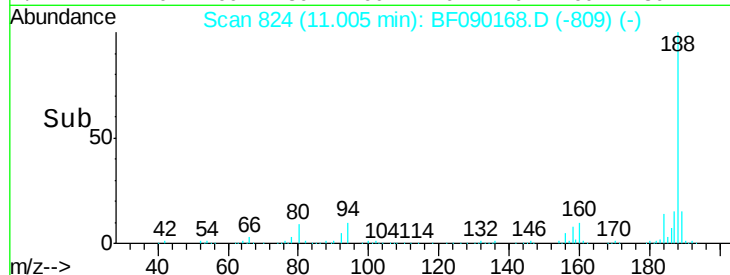
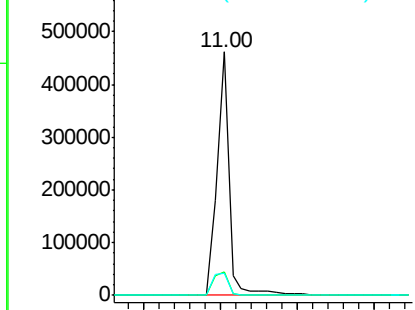
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090168.D
Acq: 21 Sep 2016 19:21

Instrument :
BNA_F
ClientSampleId :
PB93513BL

Tot Ion:188 Resp: 503440
Ion Ratio Lower Upper
188 100
94 9.7 10.5 15.7#
80 9.3 11.2 16.8#

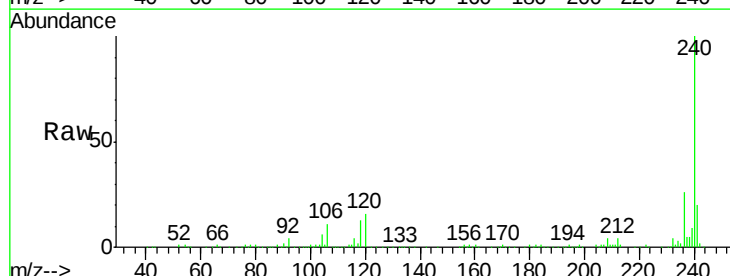


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

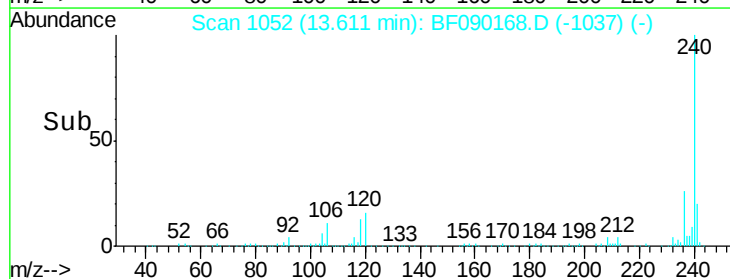
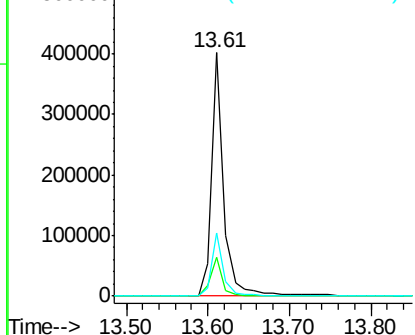


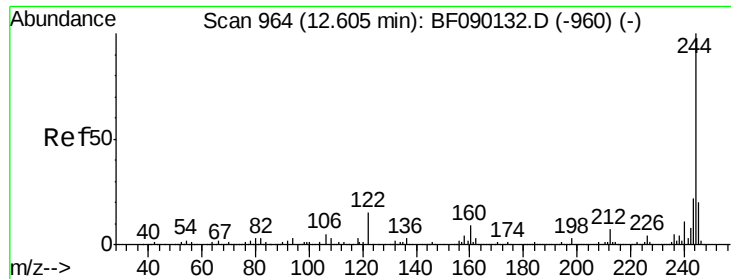
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF090168.D
Acq: 21 Sep 2016 19:21

Tgt Ion:240 Resp: 428538
Ion Ratio Lower Upper
240 100
120 15.8 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

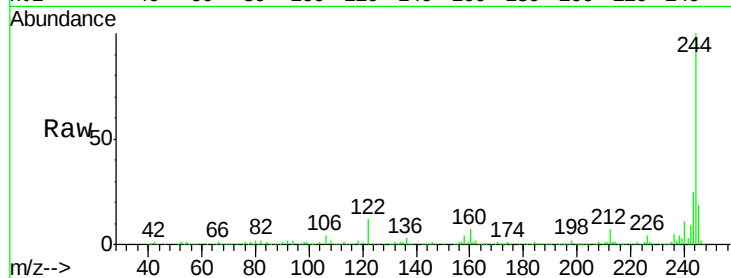




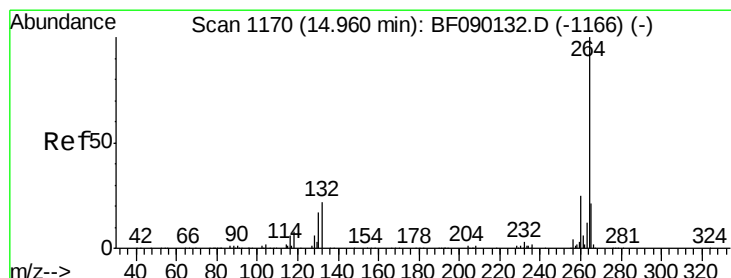
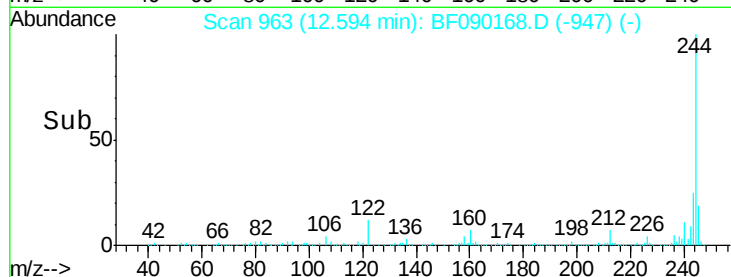
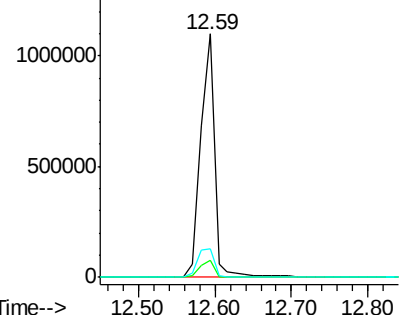
#78
 Terphenyl-d14
 Concen: 81.39 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Instrument :
 BNA_F
 ClientSampled :
 PB93513BL

Tot Ion:244 Resp: 1373866
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.9 9.4 14.0

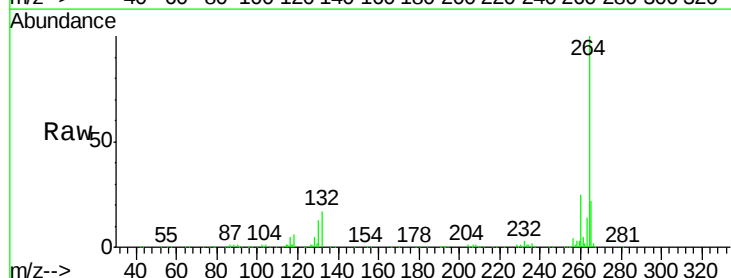


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090168.D
 Acq: 21 Sep 2016 19:21

Tgt Ion:264 Resp: 313883
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.0 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

