

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090159.D
 Acq On : 21 Sep 2016 14:30
 Operator : UM/SJ
 Sample : PB93510BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BL

Quant Time: Sep 21 15:11:57 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	153717	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	568821	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	285605	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	520122	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	326542	20.00	ng	-0.02
86) Perylene-d12	14.94	264	274048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1019981	108.16	ng	0.00
7) Phenol-d6	6.16	99	1316391	113.03	ng	-0.01
23) Nitrobenzene-d5	7.07	82	663886	67.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	268428	109.55	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1338111	91.98	ng	-0.01
78) Terphenyl-d14	12.58	244	1074793	83.56	ng	-0.02

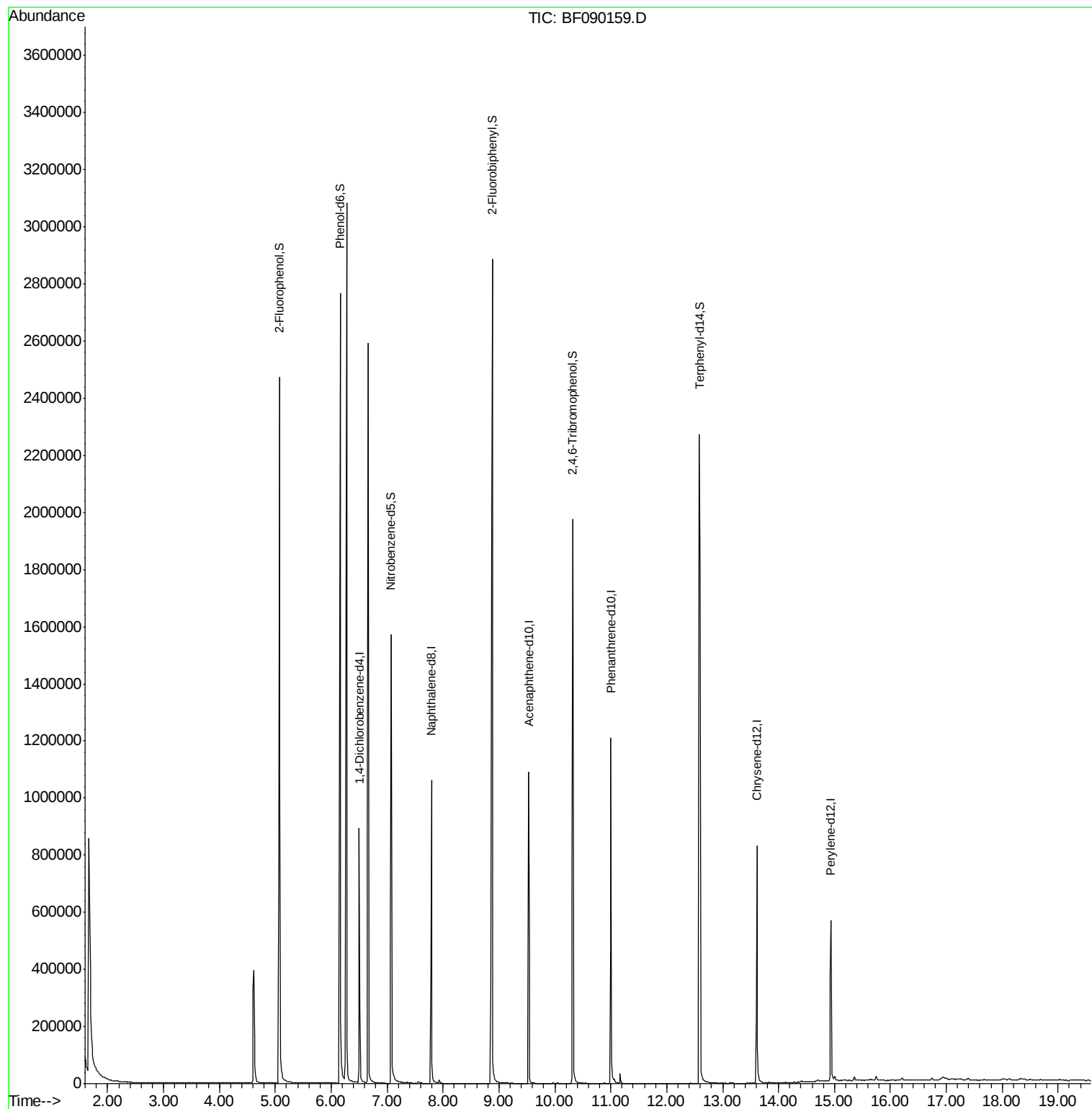
Target Compounds Qvalue

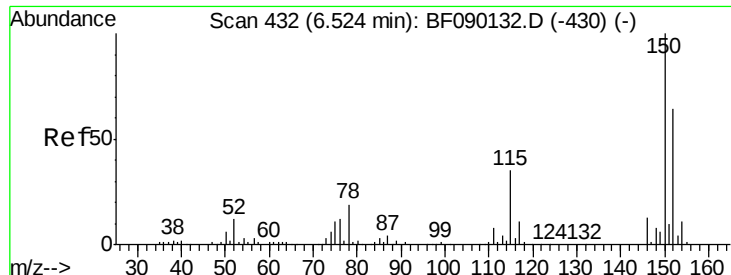
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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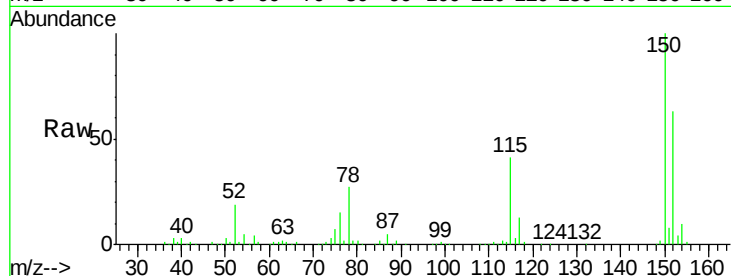


#1

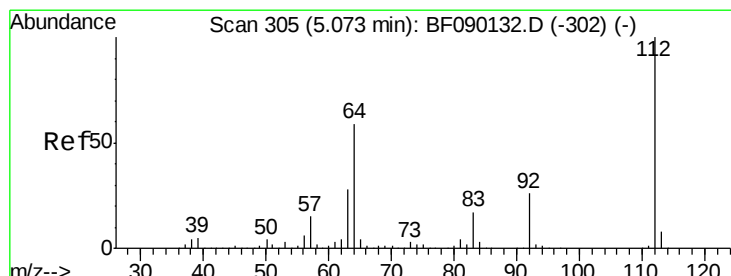
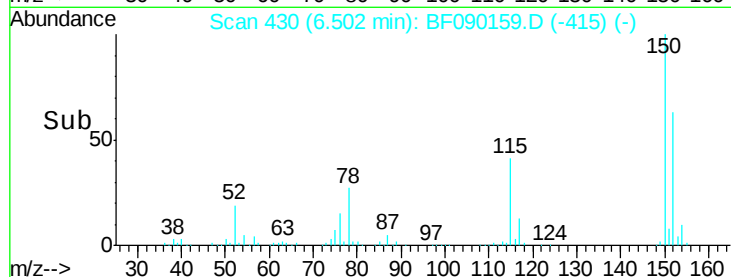
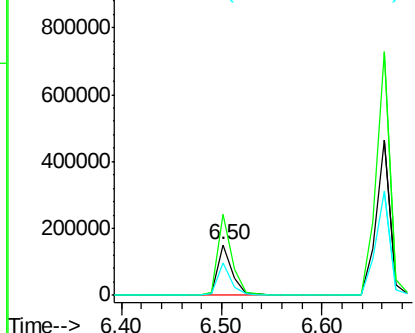
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleID :
 PB93510BL

Tot Ion:152 Resp: 153717
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.9 193.3
 115 64.6 55.5 83.3



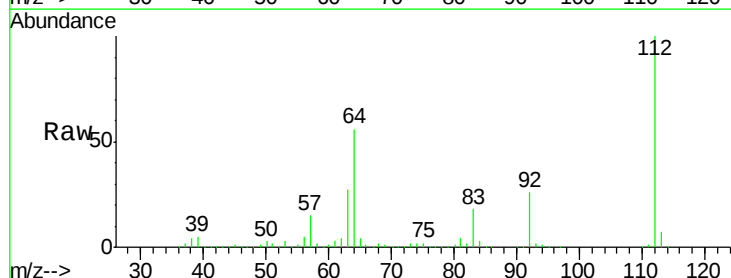
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



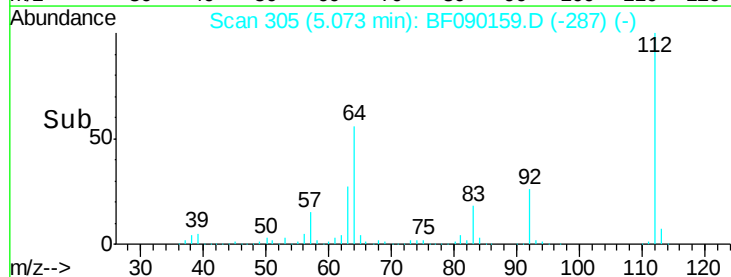
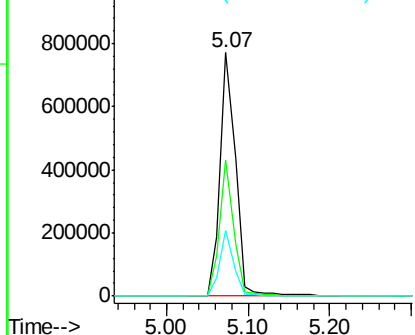
#5

2-Fluorophenol
 Concen: 108.16 ng
 RT: 5.07 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Tgt Ion:112 Resp: 1019981
 Ion Ratio Lower Upper
 112 100
 64 56.0 39.8 59.6
 63 26.9 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: 113.03 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

PB93510BL

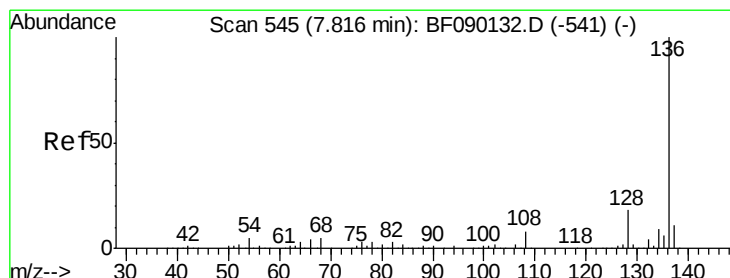
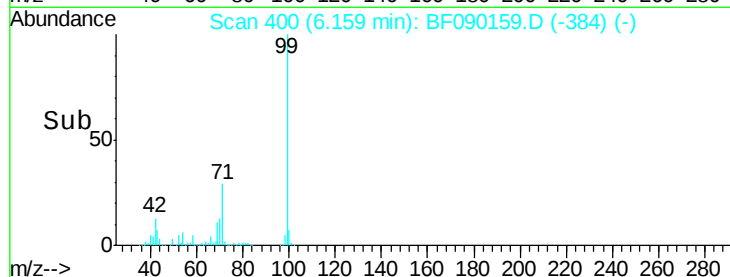
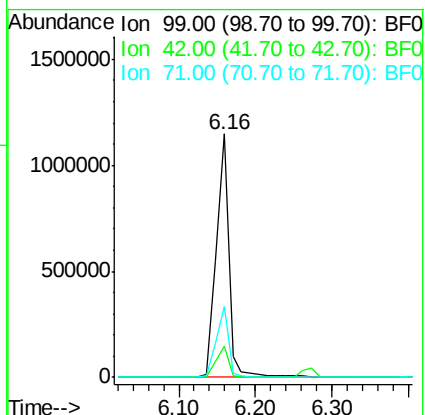
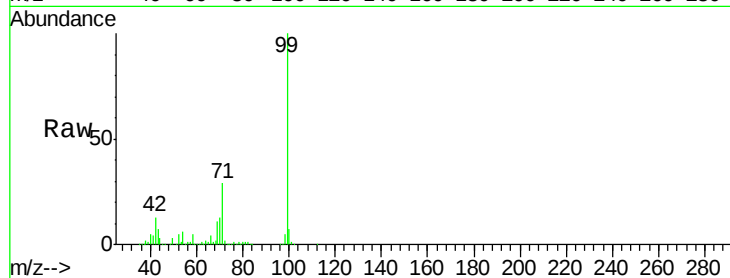
Tot Ion: 99 Resp: 1316391

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 29.1 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Tgt Ion: 136 Resp: 568821

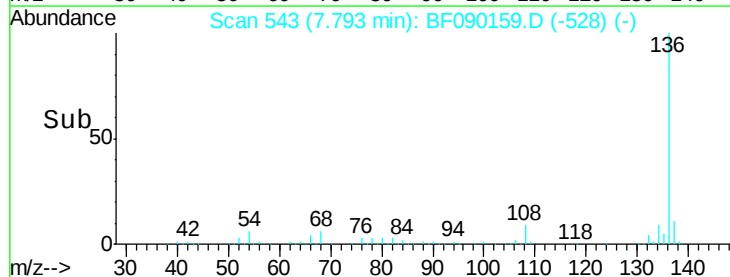
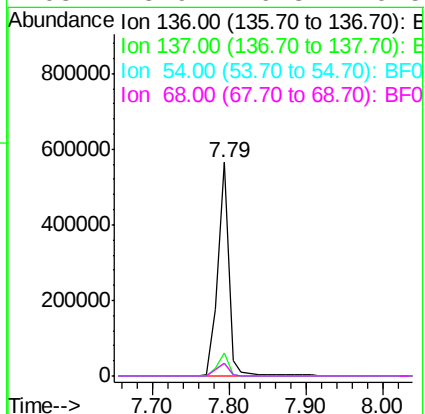
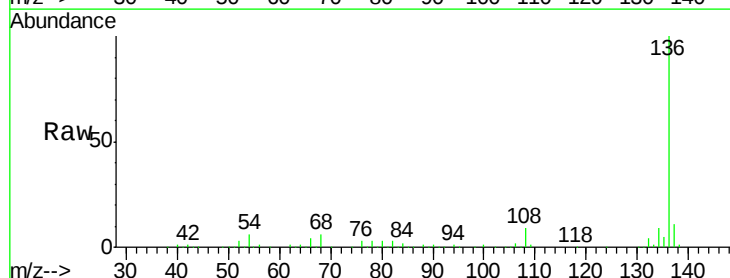
Ion Ratio Lower Upper

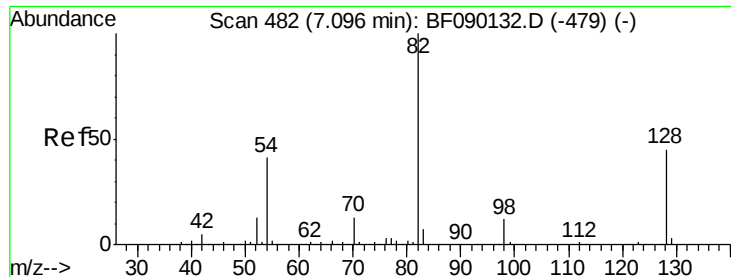
136 100

137 10.7 9.0 13.4

54 5.8 6.4 9.6#

68 5.9 6.3 9.5#

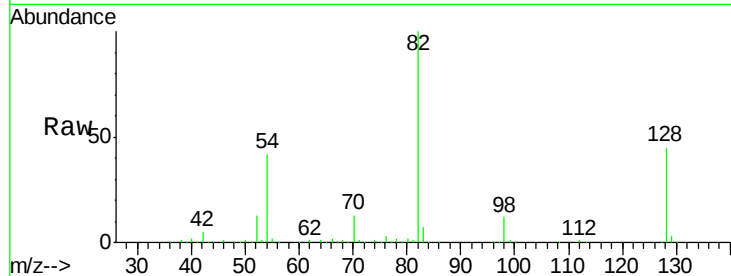




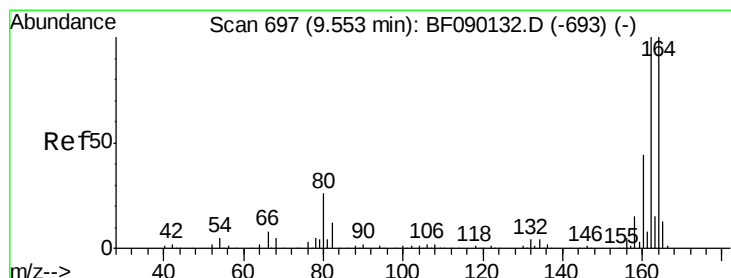
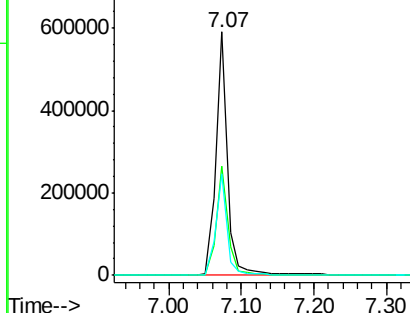
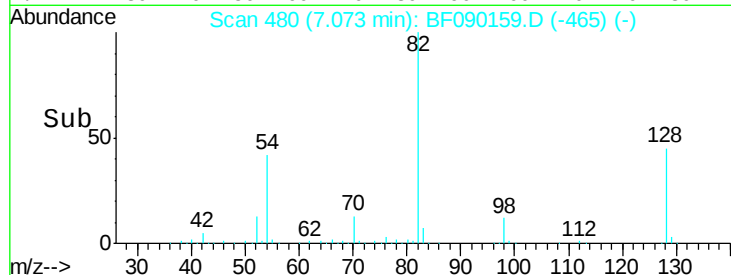
#23
 Nitrobenzene-d5
 Concen: 67.66 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BL

Tot Ion: 82 Resp: 663886
 Ion Ratio Lower Upper
 82 100
 128 44.8 37.5 56.3
 54 41.6 31.9 47.9

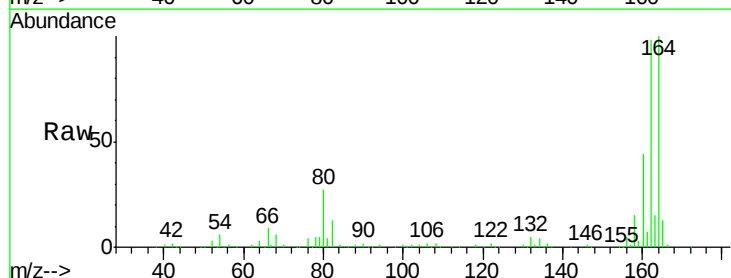


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

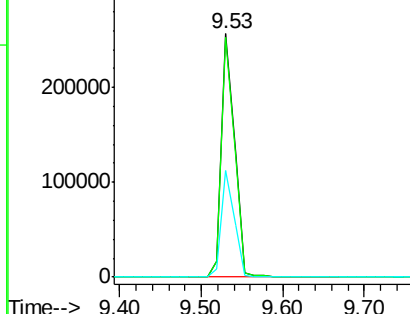
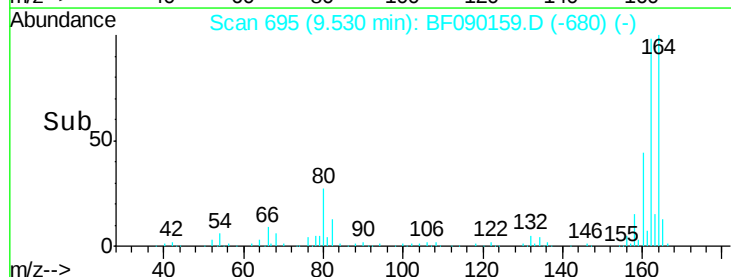


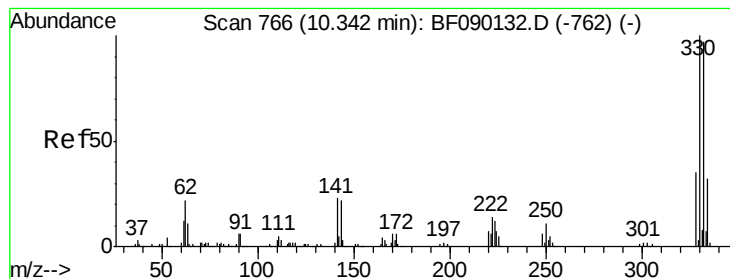
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Tgt Ion: 164 Resp: 285605
 Ion Ratio Lower Upper
 164 100
 162 98.3 81.4 122.2
 160 43.8 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: 109.55 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

PB93510BL

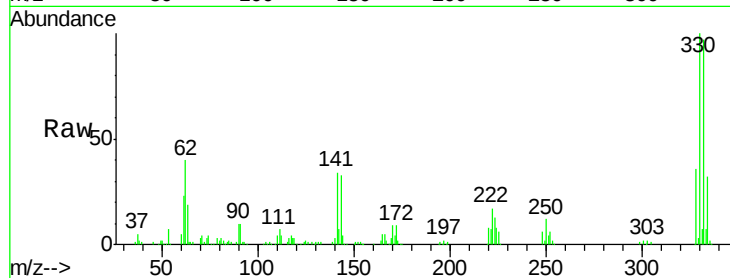
Tot Ion:330 Resp: 268428

Ion Ratio Lower Upper

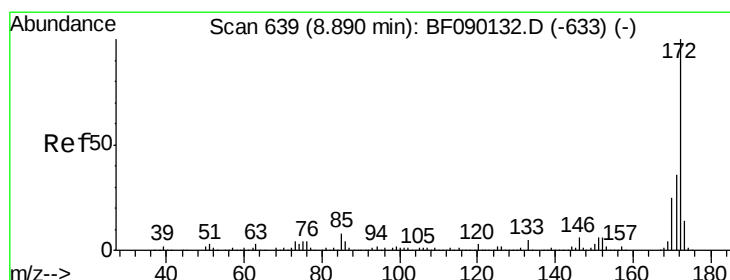
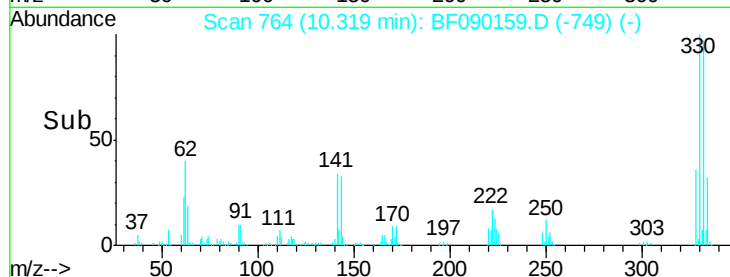
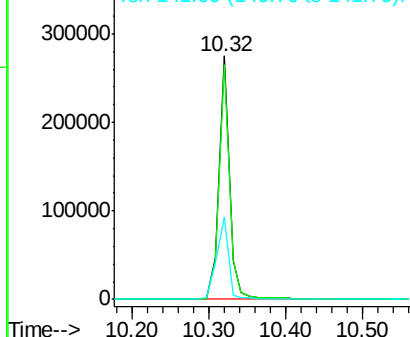
330 100

332 96.5 78.1 117.1

141 37.6 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: 91.98 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

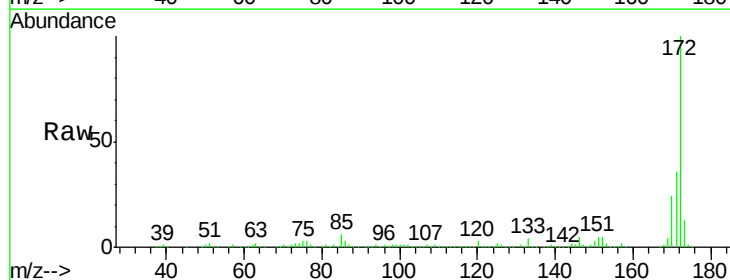
Tgt Ion:172 Resp: 1338111

Ion Ratio Lower Upper

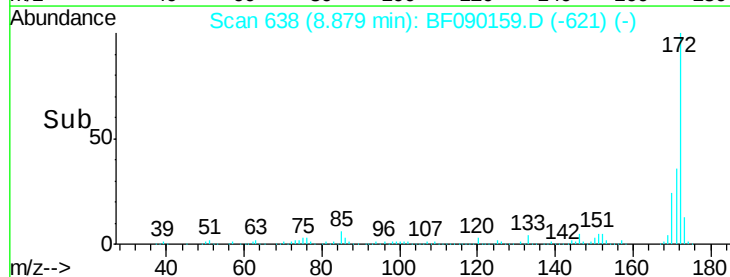
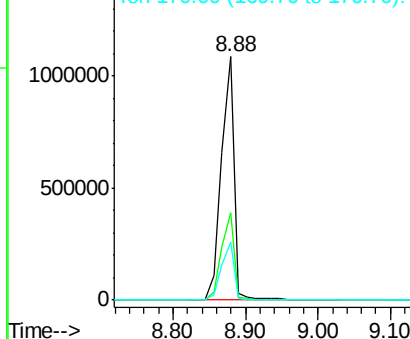
172 100

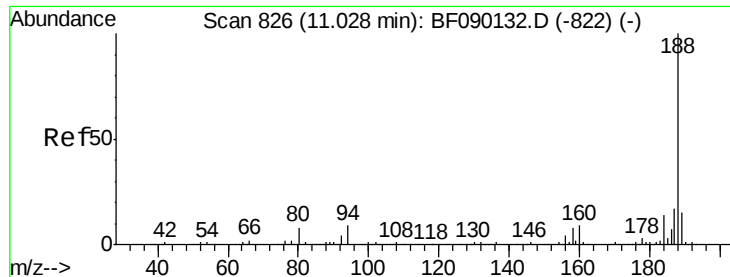
171 35.9 29.2 43.8

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

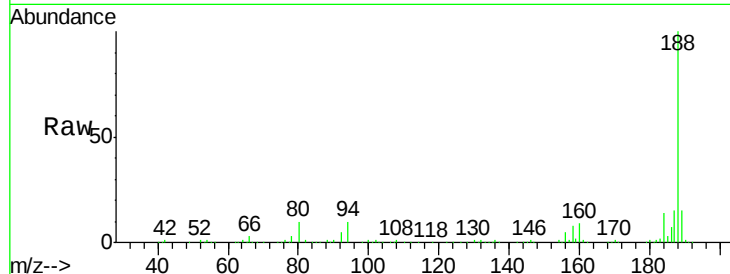




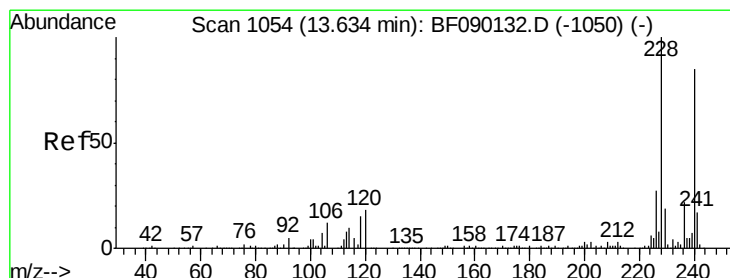
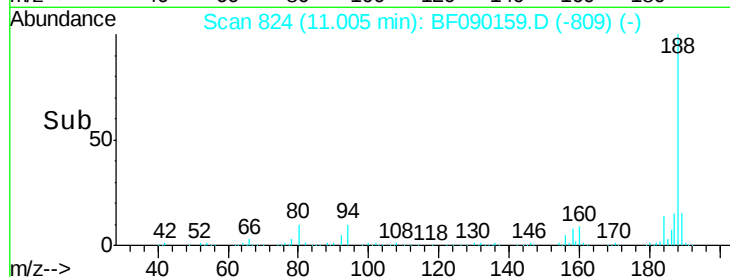
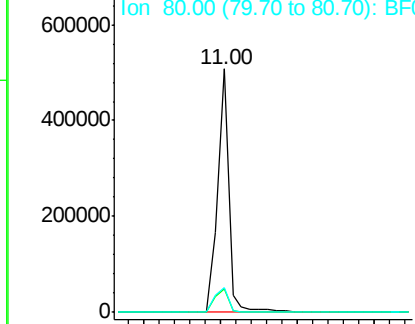
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :
PB93510BL

Tot Ion:188 Resp: 520122
Ion Ratio Lower Upper
188 100
94 9.6 10.5 15.7#
80 10.0 11.2 16.8#

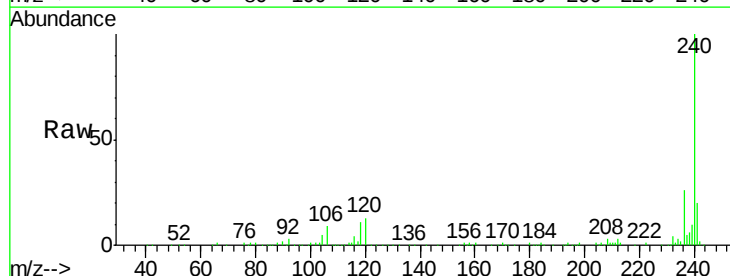


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

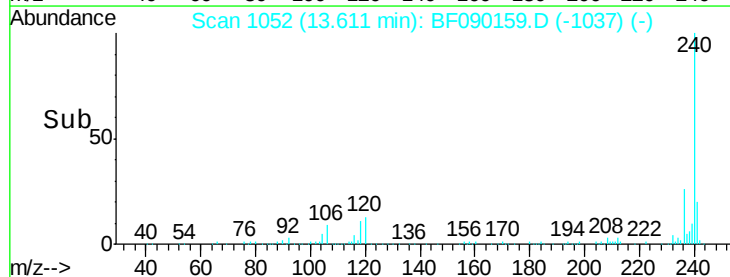
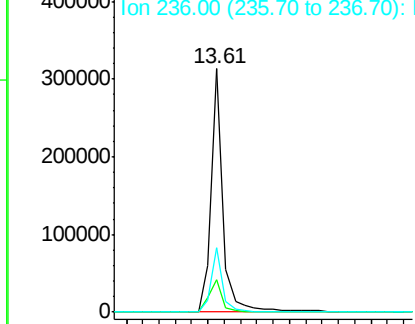


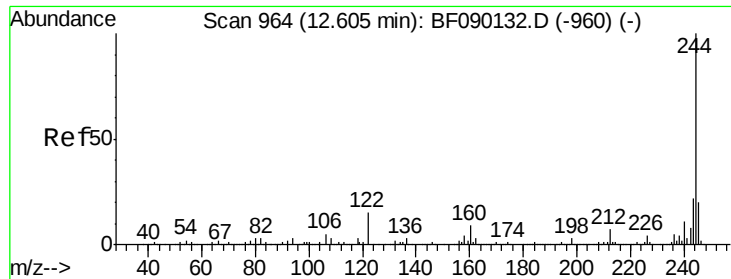
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Tgt Ion:240 Resp: 326542
Ion Ratio Lower Upper
240 100
120 13.3 10.6 16.0
236 26.3 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

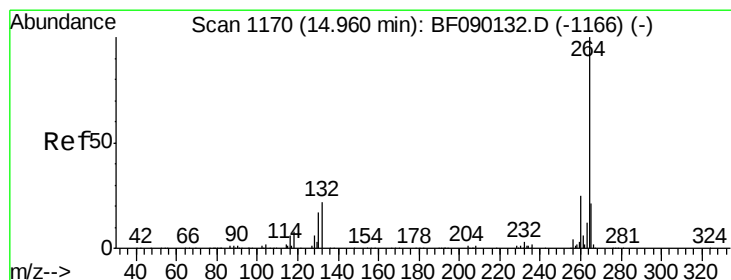
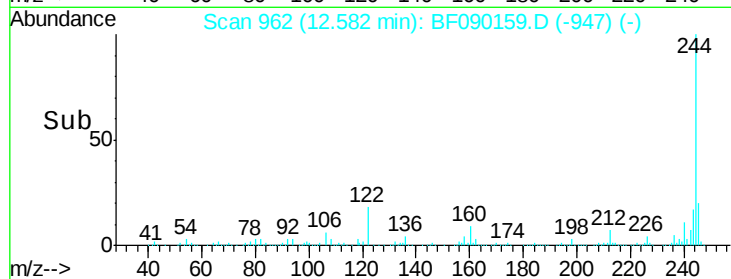
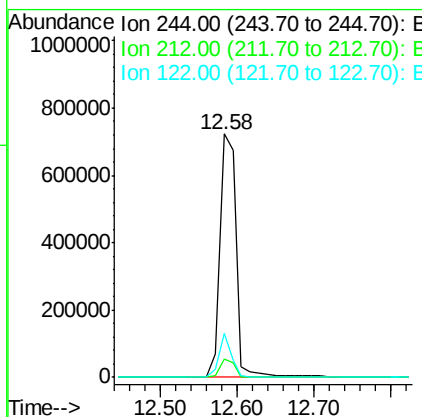
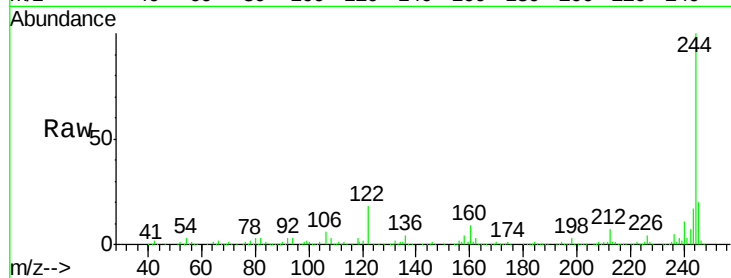




#78
 Terphenyl-d14
 Concen: 83.56 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleID :
 PB93510BL

Tot Ion:244 Resp: 1074793
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 18.0 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Tgt Ion:264 Resp: 274048
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 17.0 25.4

