

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088734.D
 Acq On : 6 Jul 2016 12:56
 Operator : UM/SJ
 Sample : PB91742BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

Quant Time: Jul 06 16:46:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	88457	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	372266	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	189029	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	367689	20.00	ng	0.00
75) Chrysene-d12	13.89	240	292230	20.00	ng	-0.01
86) Perylene-d12	15.28	264	216759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	714769	121.10	ng	0.01
7) Phenol-d6	6.40	99	924569	121.23	ng	0.00
23) Nitrobenzene-d5	7.32	82	633708	89.21	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	160691	91.54	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	950126	79.40	ng	0.00
78) Terphenyl-d14	12.86	244	968128	73.79	ng	0.00

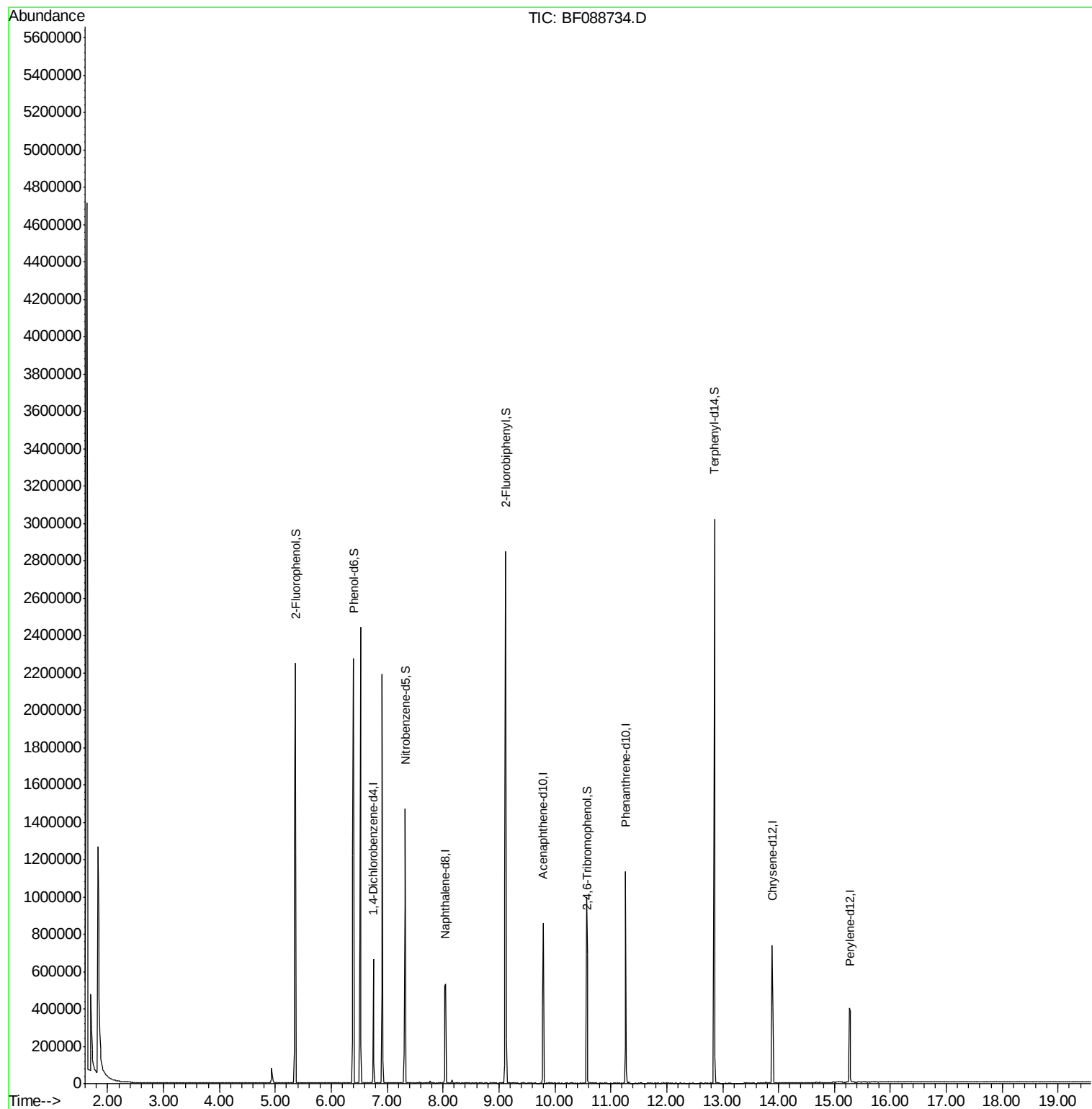
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Instrument :

BNA_F

ClientSampleId :

PB91742BL

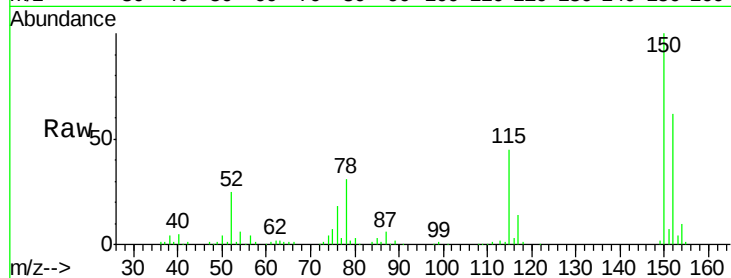
Tgt Ion:152 Resp: 88457

Ion Ratio Lower Upper

152 100

150 160.2 123.8 185.6

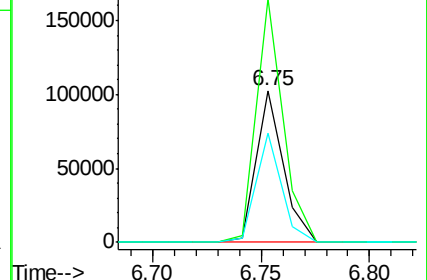
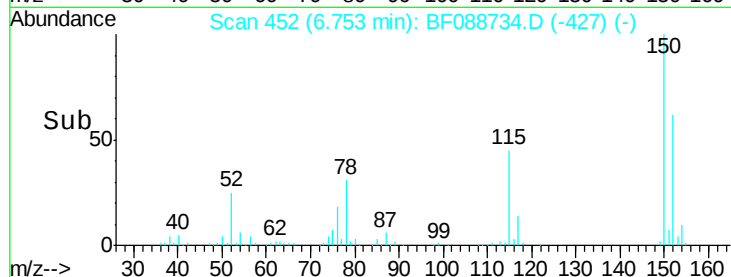
115 71.8 39.6 59.4#



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: 121.10 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

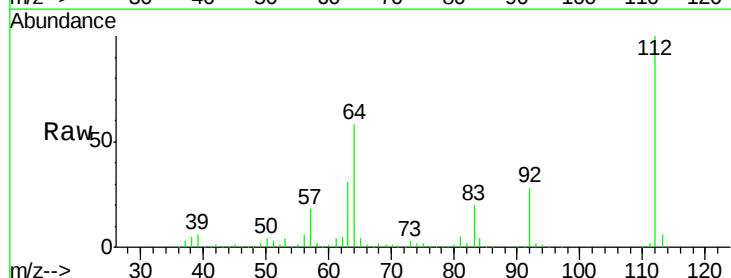
Tgt Ion:112 Resp: 714769

Ion Ratio Lower Upper

112 100

64 57.9 42.2 63.2

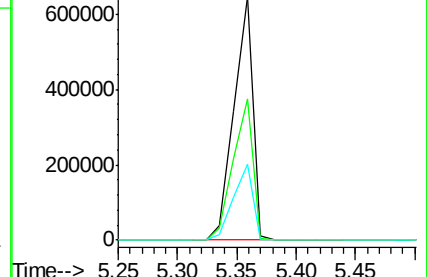
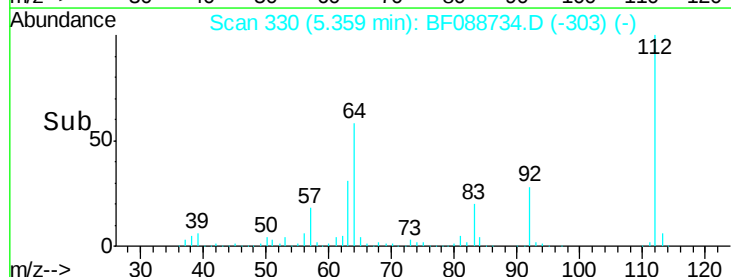
63 31.1 21.8 32.8



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: 121.23 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Instrument :

BNA_F

ClientSampled :

PB91742BL

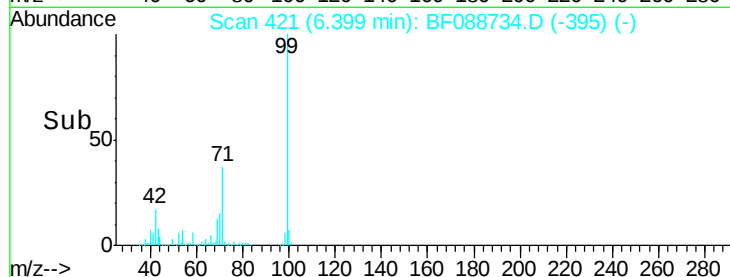
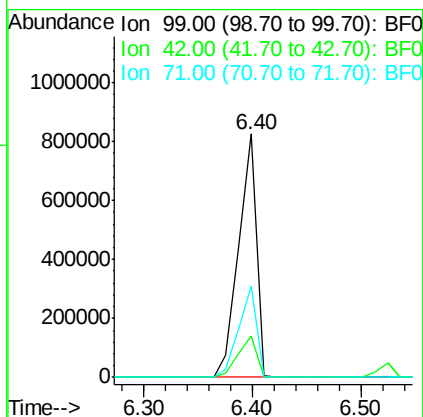
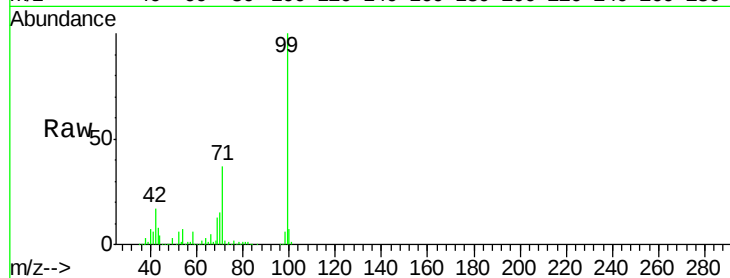
Tgt Ion: 99 Resp: 924569

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

71 37.4 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF088734.D

Acq: 6 Jul 2016 12:56

Tgt Ion: 136 Resp: 372266

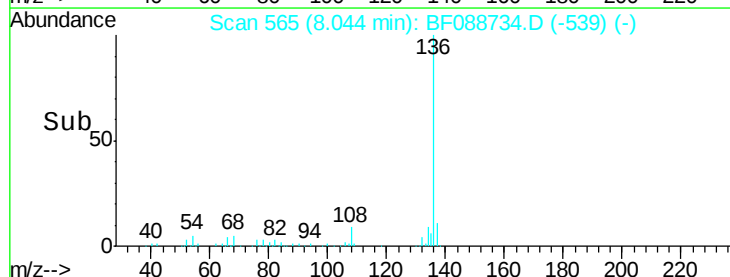
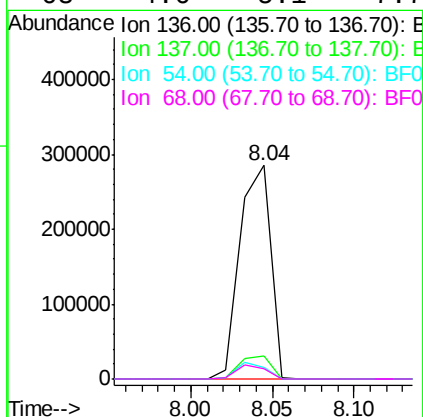
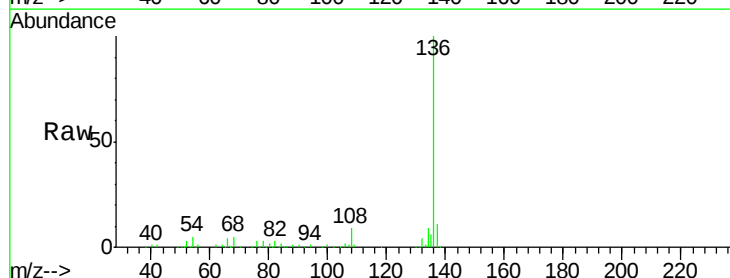
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#

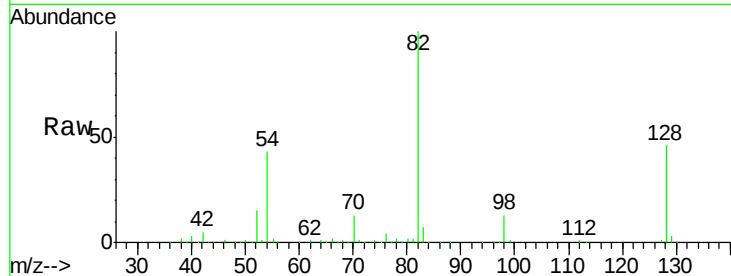




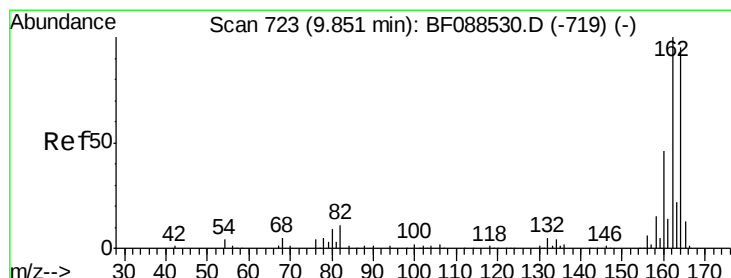
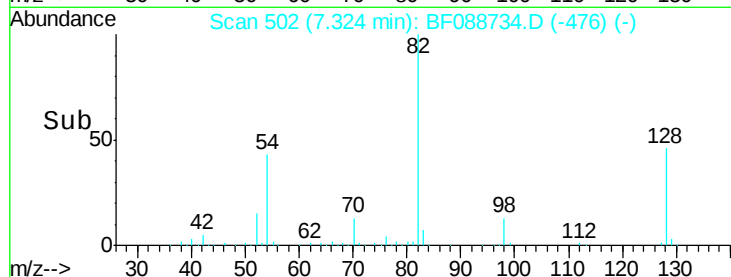
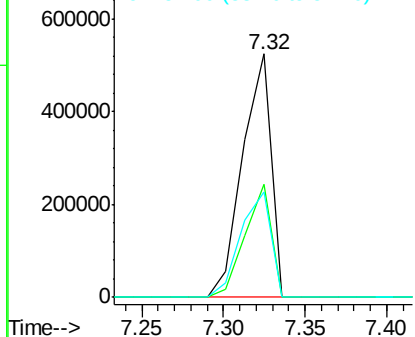
#23
 Nitrobenzene-d5
 Concen: 89.21 ng
 RT: 7.32 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

Tgt Ion: 82 Resp: 633708
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.9 53.9
 54 43.3 40.9 61.3

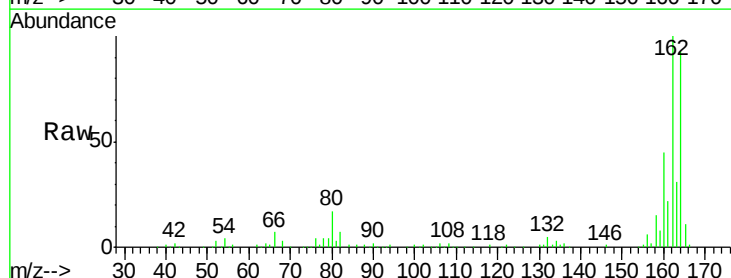


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

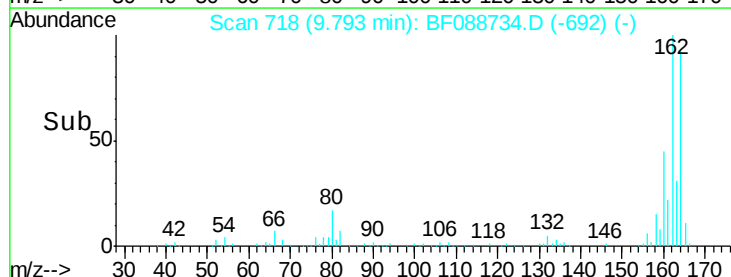
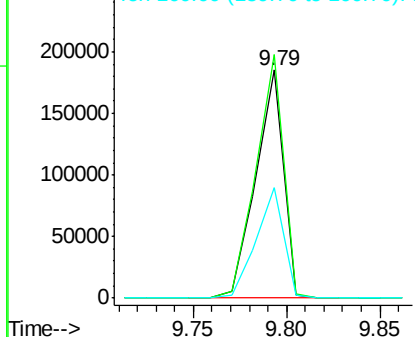


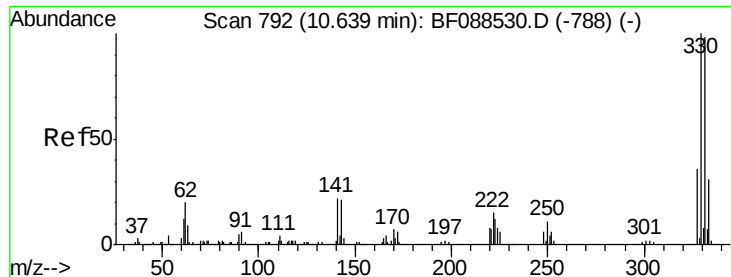
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion: 164 Resp: 189029
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.5 39.5 59.3



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

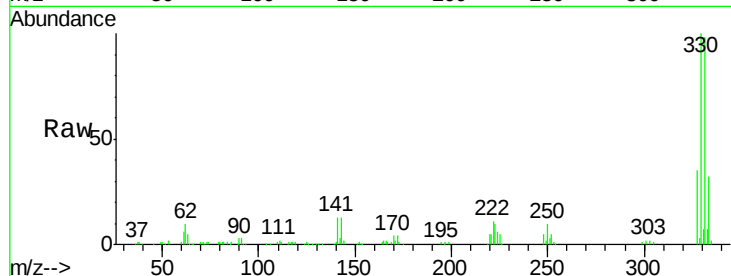




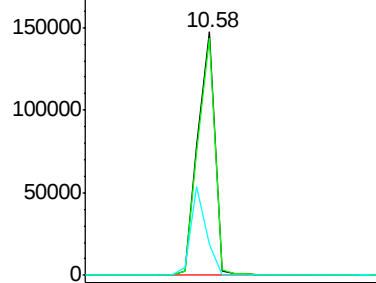
#41
 2,4,6-Tribromophenol
 Concen: 91.54 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BL

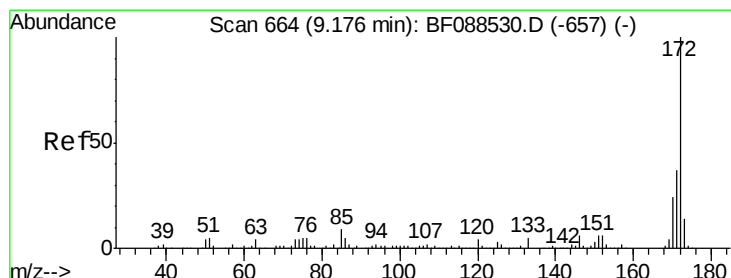
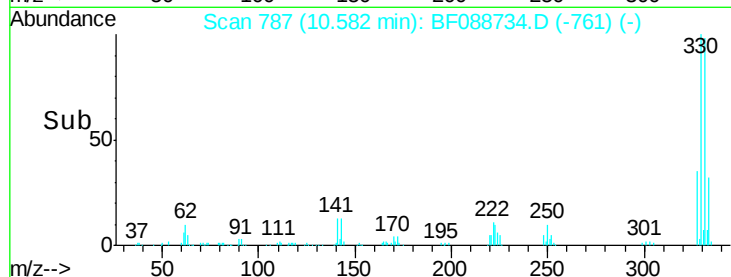
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.3	0.0	0.0#



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

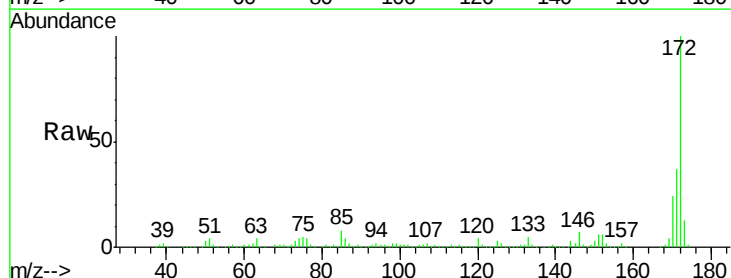


Time-->

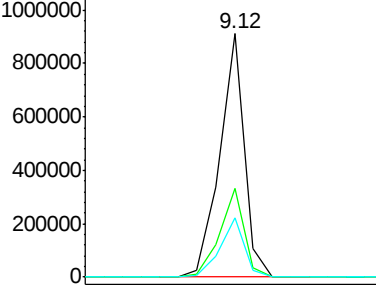


#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

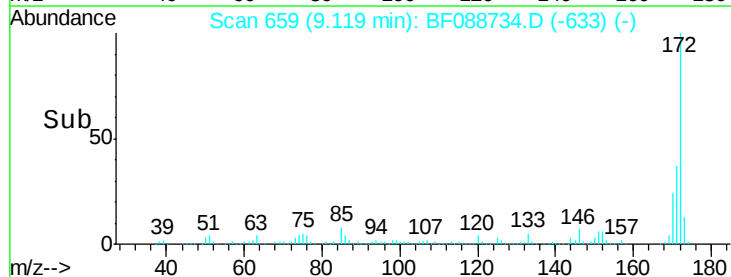
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.2	19.2	28.8

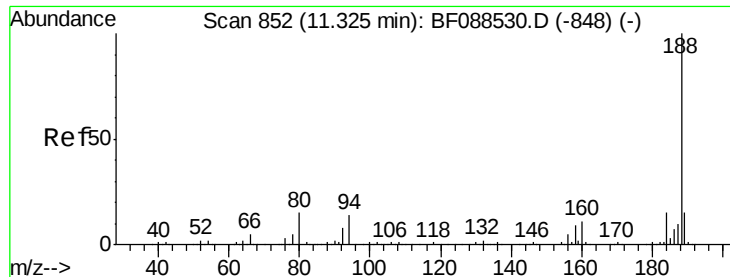


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

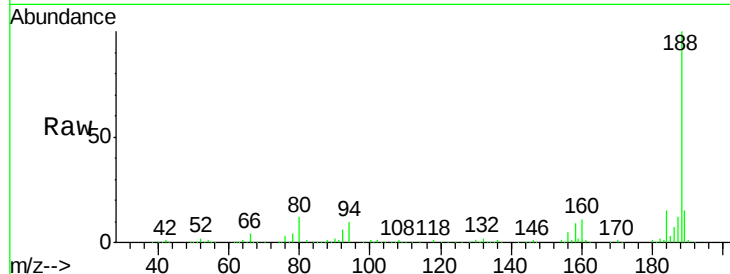




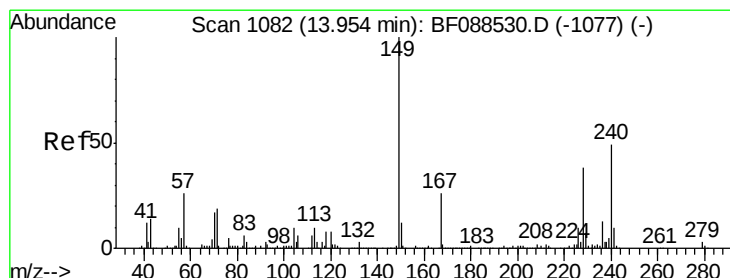
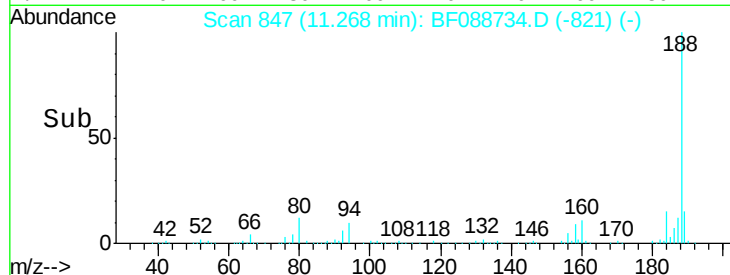
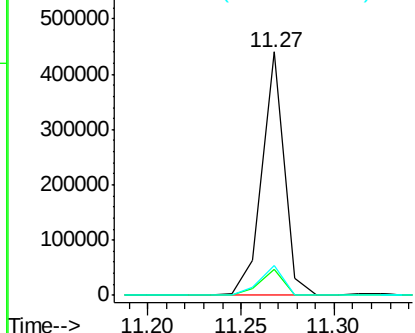
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Instrument :
BNA_F
ClientSampleId :
PB91742BL

Tgt Ion:188 Resp: 367689
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 12.1 10.0 15.0

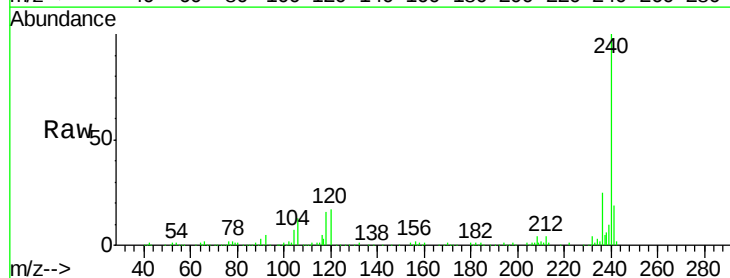


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

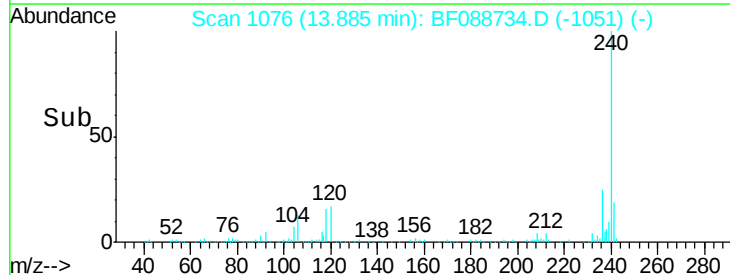
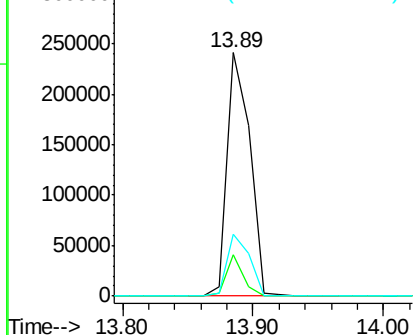


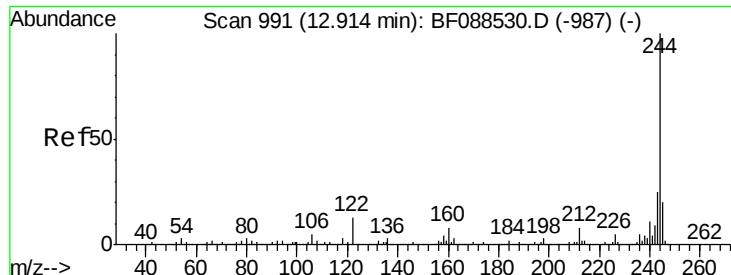
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088734.D
Acq: 6 Jul 2016 12:56

Tgt Ion:240 Resp: 292230
Ion Ratio Lower Upper
240 100
120 16.9 6.8 10.2#
236 25.5 20.2 30.2



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

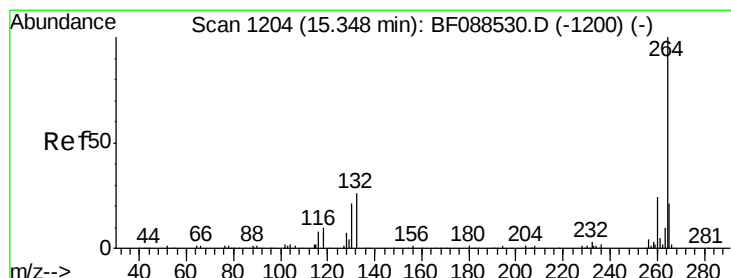
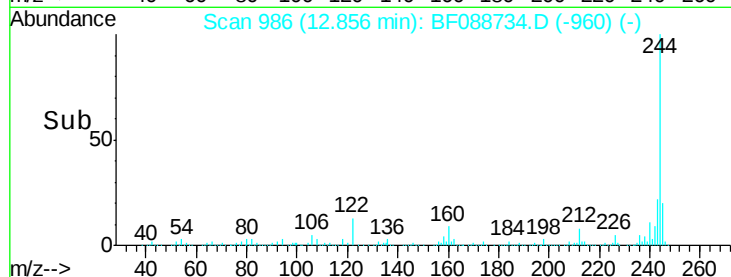
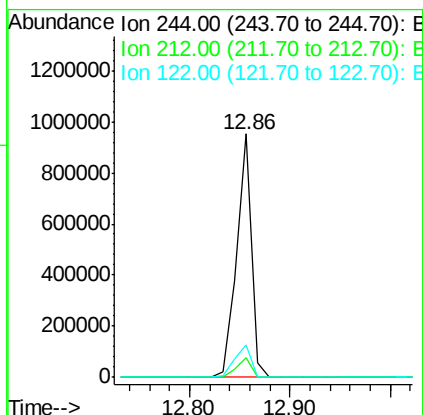
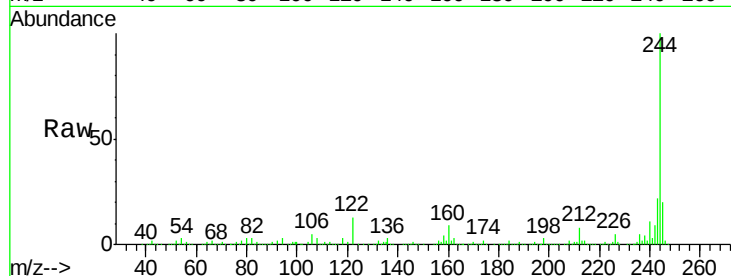




#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 12.86 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Instrument :
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 ClientSampleId :
 PB91742BL

Tgt Ion:244 Resp: 968128
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF088734.D
 Acq: 6 Jul 2016 12:56

Tgt Ion:264 Resp: 216759
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 16.9 25.3

