

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088702.D
 Acq On : 5 Jul 2016 14:47
 Operator : UM/SJ
 Sample : PB91664BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91664BL

Quant Time: Jul 05 17:44:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	117313	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	442247	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	217199	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	490382	20.00	ng	0.00
75) Chrysene-d12	13.91	240	377512	20.00	ng	-0.01
86) Perylene-d12	15.30	264	336390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	692797	88.51	ng	0.01
7) Phenol-d6	6.41	99	747293	73.88	ng	0.00
23) Nitrobenzene-d5	7.34	82	497195	58.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	209676	103.96	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1004295	73.04	ng	0.00
78) Terphenyl-d14	12.87	244	970381	57.25	ng	0.00

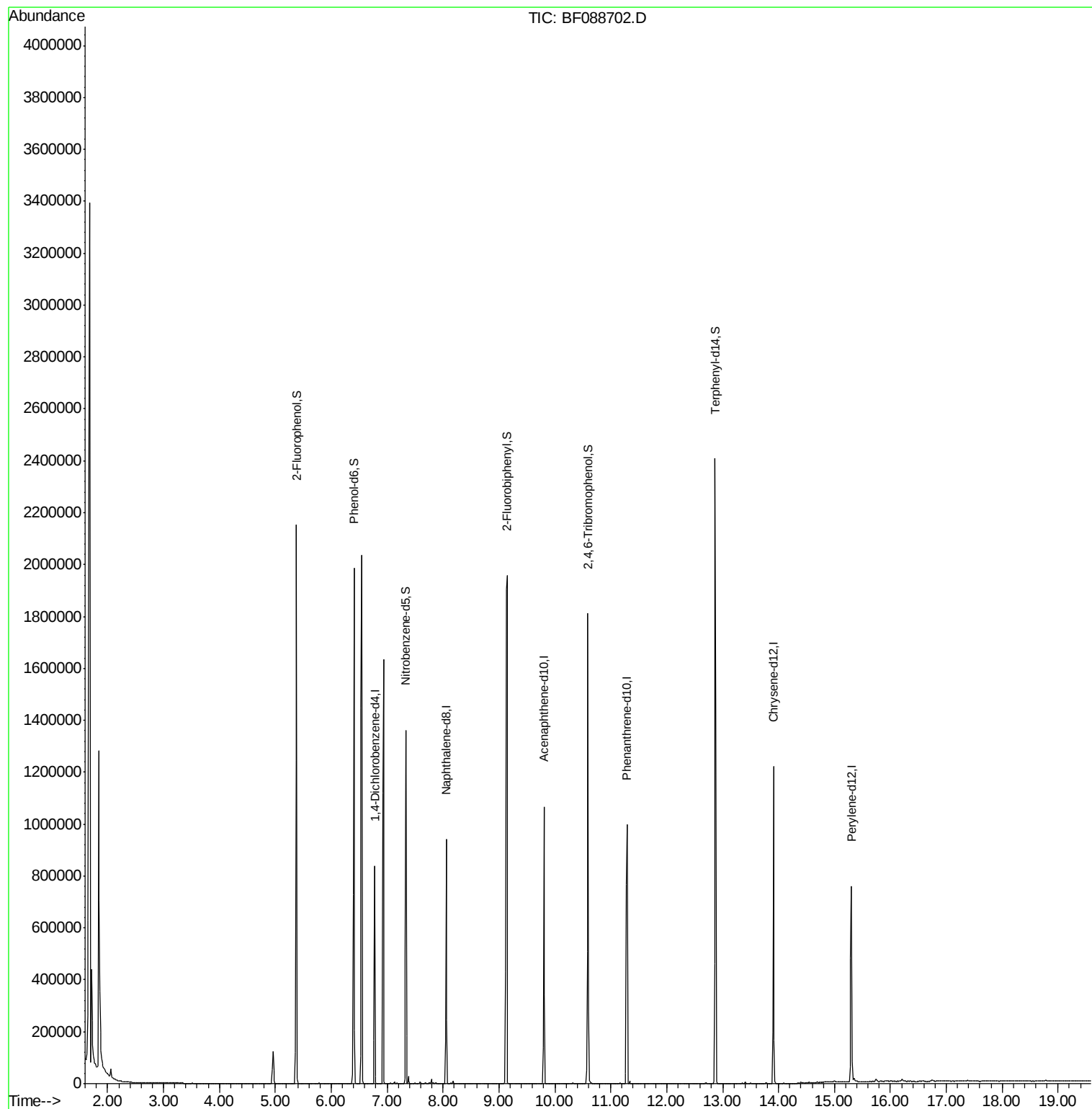
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB91664BL

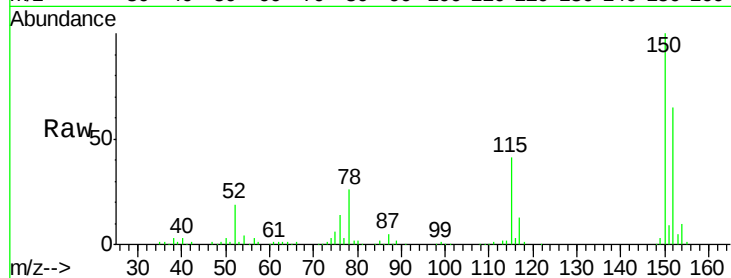
Tot Ion:152 Resp: 117313

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

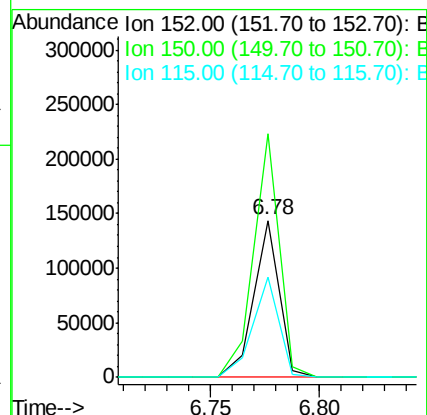
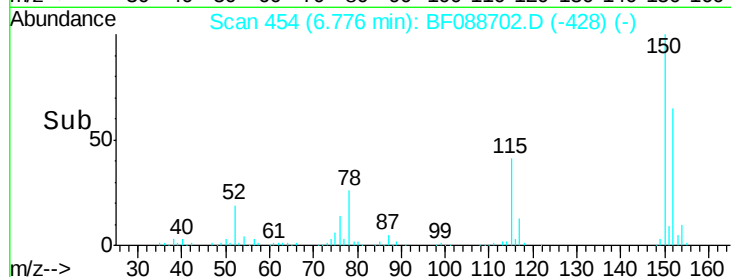
115 64.1 39.6 59.4#



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: 88.51 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

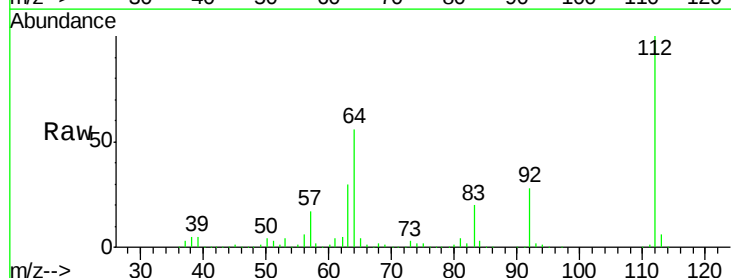
Tgt Ion:112 Resp: 692797

Ion Ratio Lower Upper

112 100

64 56.4 42.2 63.2

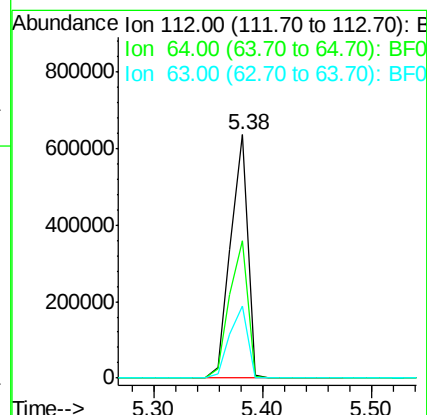
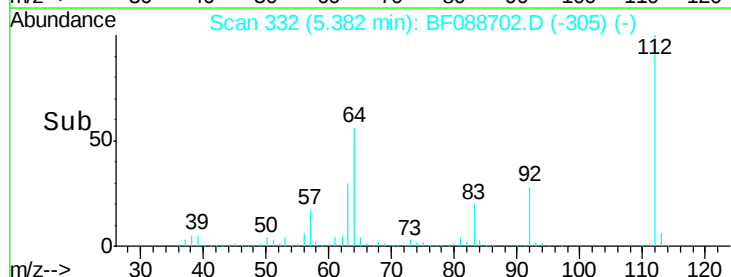
63 29.6 21.8 32.8



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: 73.88 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB91664BL

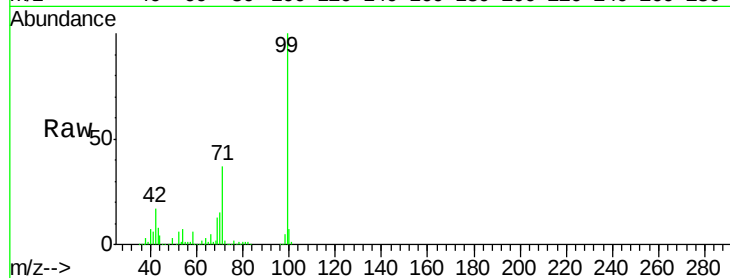
Tot Ion: 99 Resp: 747293

Ion Ratio Lower Upper

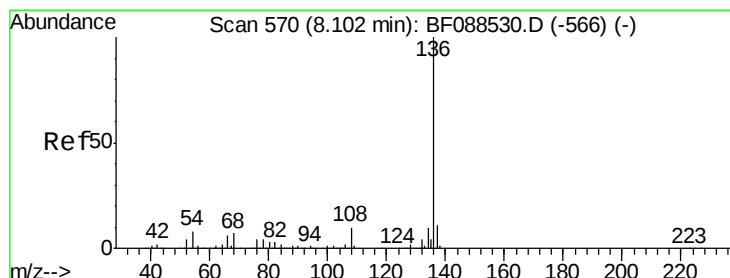
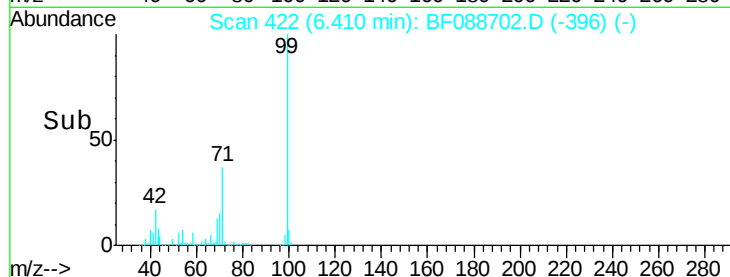
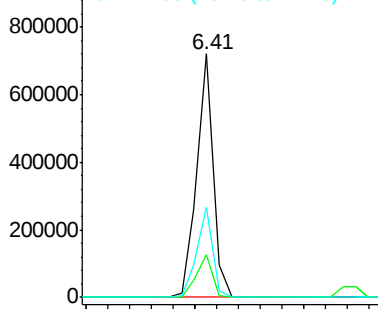
99 100

42 17.5 12.2 18.2

71 36.8 23.4 35.0#



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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088702.D

Acq: 5 Jul 2016 14:47

Tgt Ion: 136 Resp: 442247

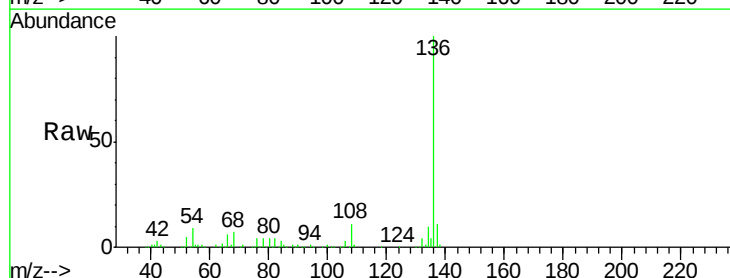
Ion Ratio Lower Upper

136 100

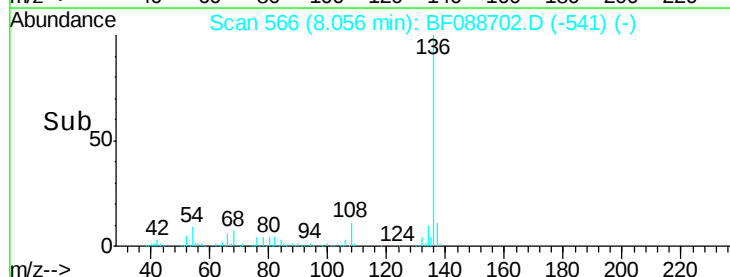
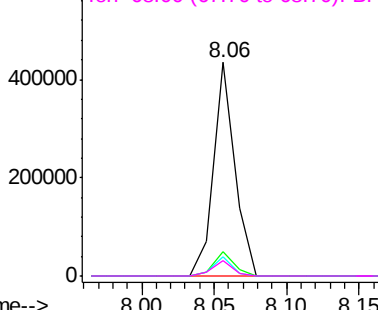
137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7



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

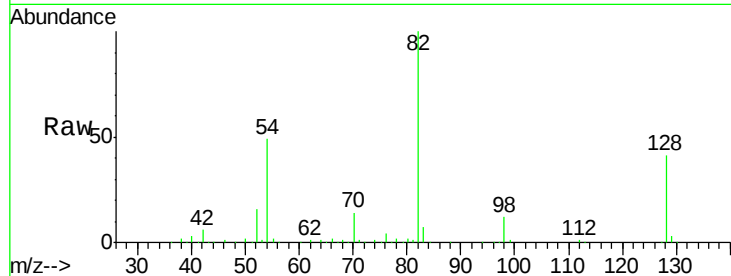




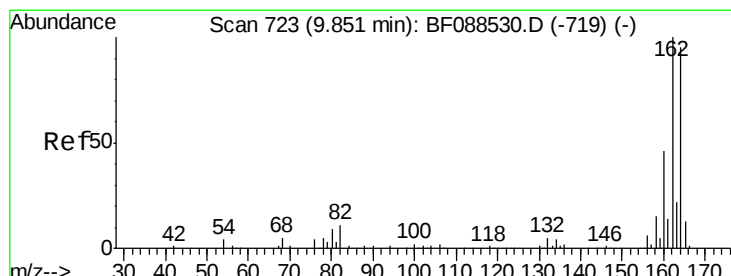
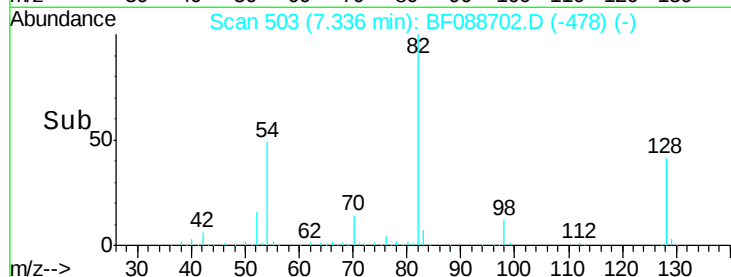
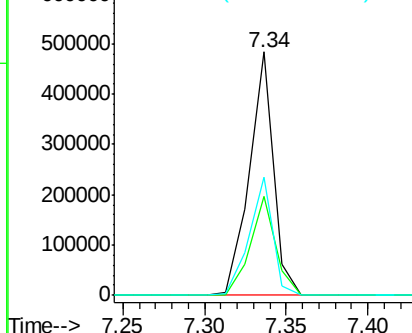
#23
 Nitrobenzene-d5
 Concen: 58.92 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91664BL

Tot Ion	82	Resp	497195
Ion Ratio	100	Lower	Upper
128	40.8	35.9	53.9
54	48.6	40.9	61.3

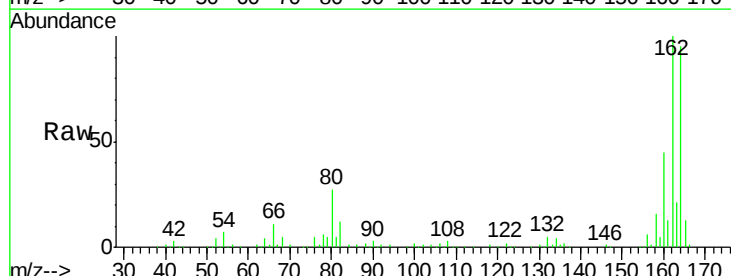


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

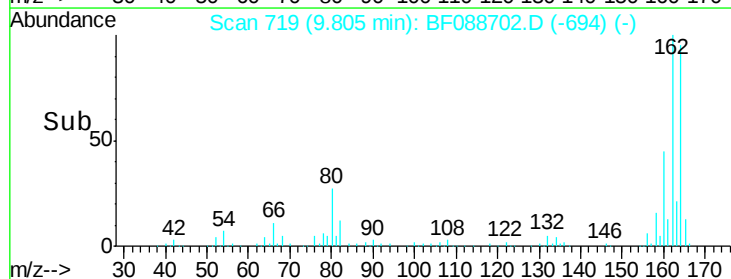
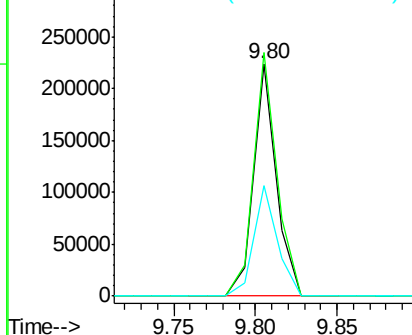


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Tgt Ion	164	Resp	217199
Ion Ratio	100	Lower	Upper
162	104.9	85.4	128.2
160	47.5	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

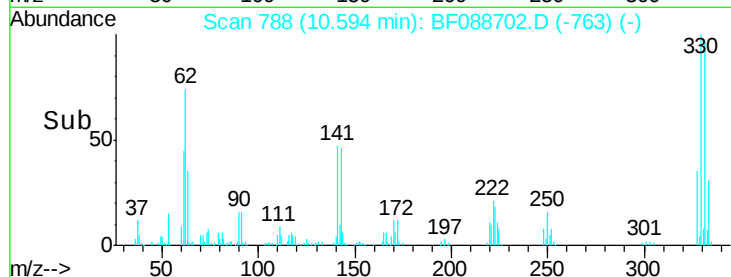
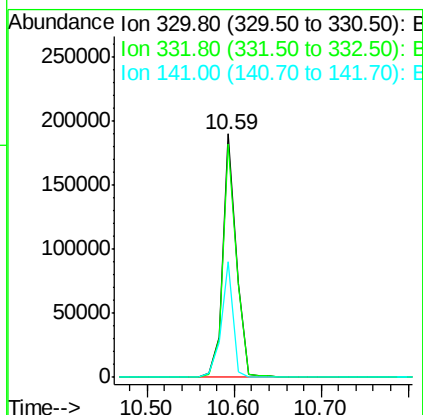
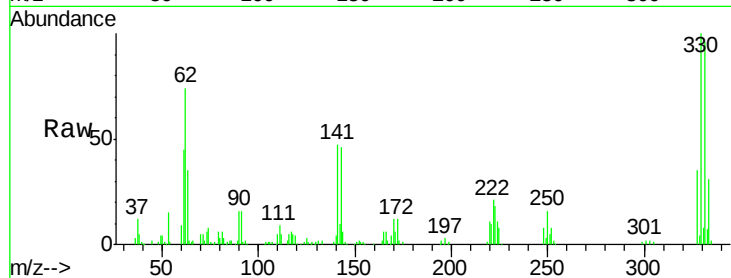




#41
 2,4,6-Tribromophenol
 Concen: 103.96 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

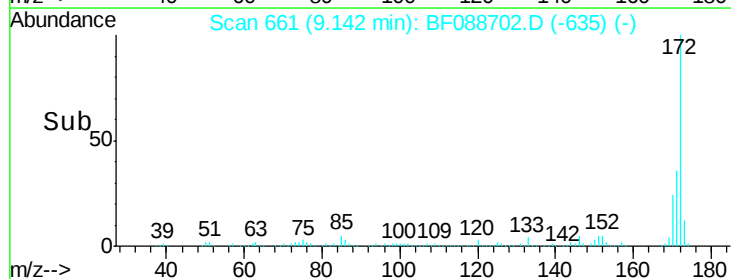
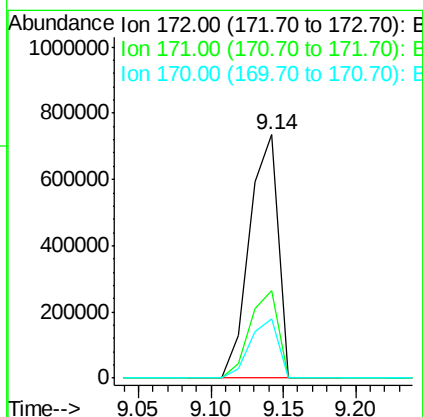
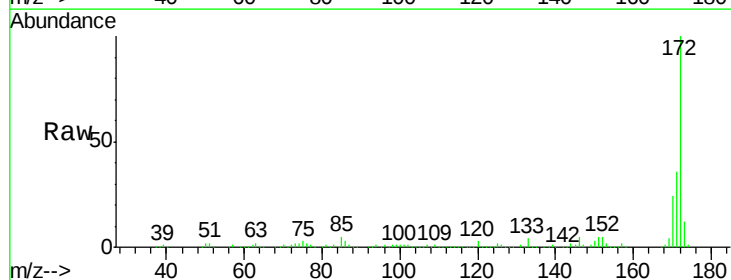
Instrument :
 BNA_F
 ClientSampled :
 PB91664BL

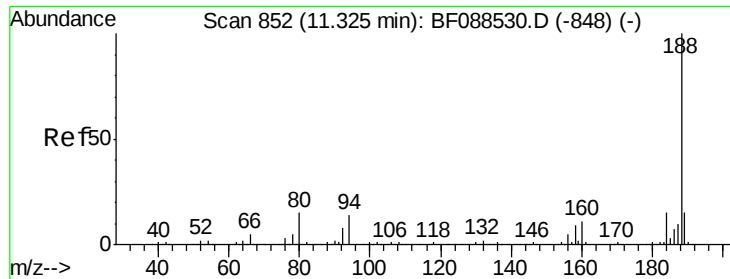
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8

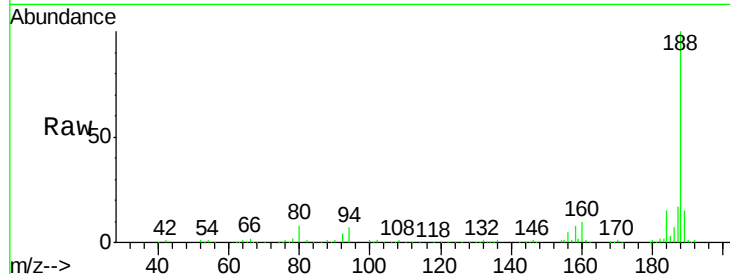




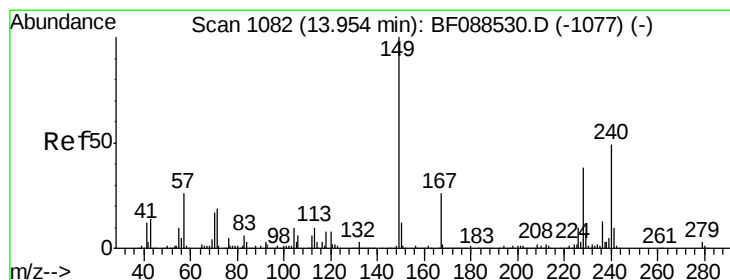
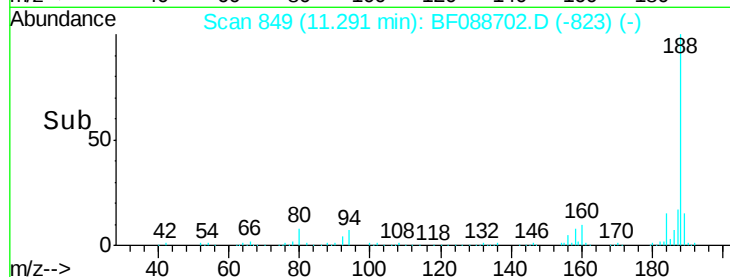
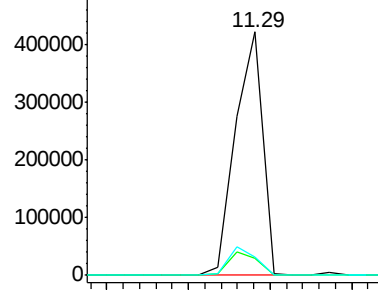
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB91664BL

Tot Ion:188 Resp: 490382
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.7 10.0 15.0#

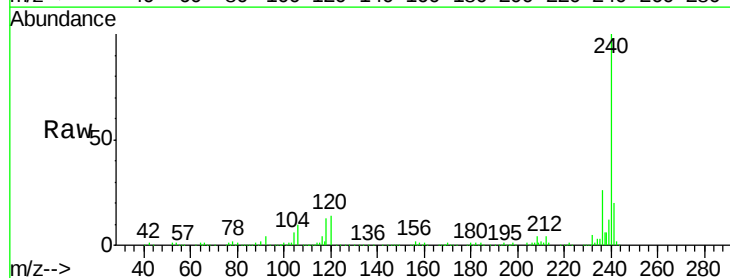


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

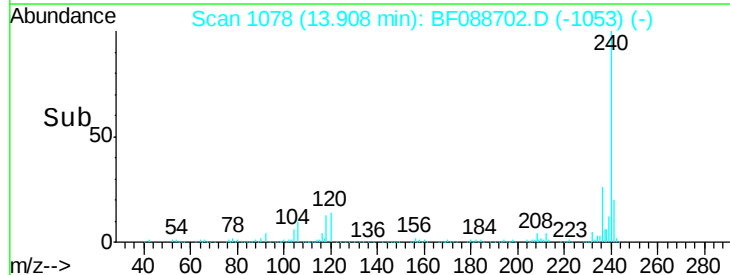
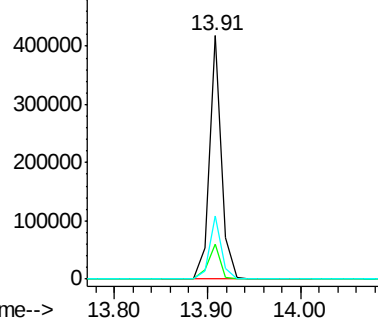


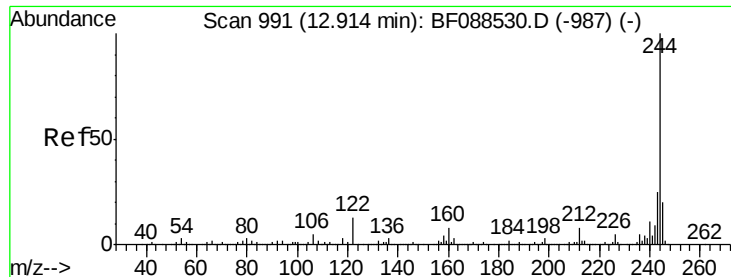
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088702.D
Acq: 5 Jul 2016 14:47

Tgt Ion:240 Resp: 377512
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 26.2 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

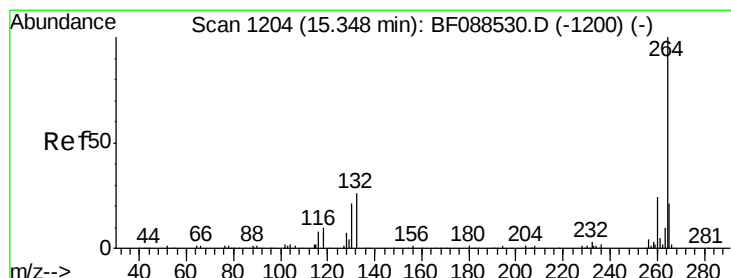
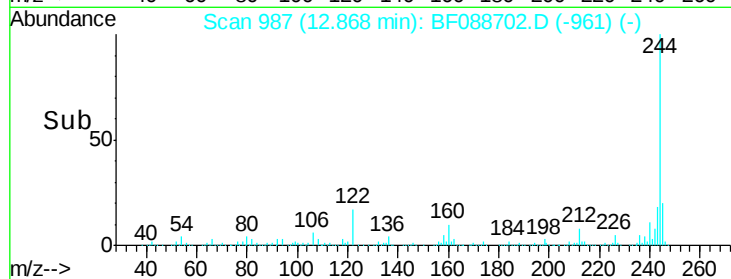
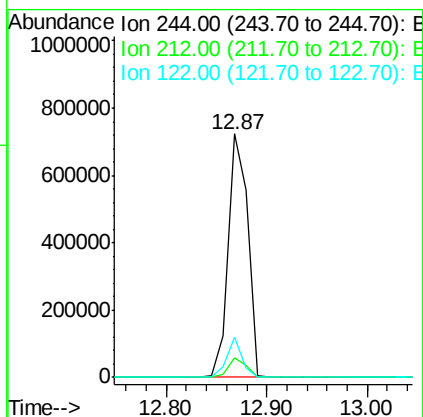
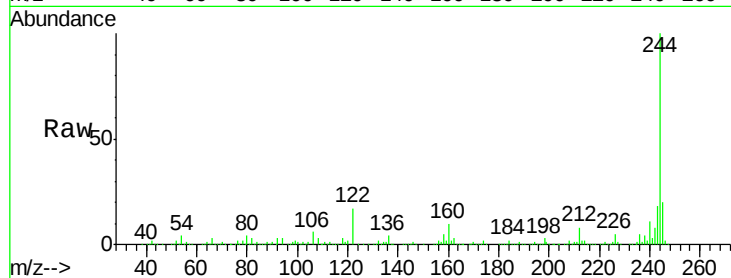




#78
 Terphenyl-d14
 Concen: 57.25 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Instrument :
 BNA_F
 ClientSampleID :
 PB91664BL

Tot Ion:244 Resp: 970381
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 16.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088702.D
 Acq: 5 Jul 2016 14:47

Tgt Ion:264 Resp: 336390
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 16.9 25.3

