

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088826.D
 Acq On : 8 Jul 2016 15:29
 Operator : UM/SJ
 Sample : PB91867BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BL

Quant Time: Jul 08 19:33:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	75169	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	283445	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	141474	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	268599	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	242036	20.00	ng	-0.01
86) Perylene-d12	15.23	264	184009	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	454424	90.60	ng	0.00
7) Phenol-d6	6.36	99	603971	93.19	ng	-0.01
23) Nitrobenzene-d5	7.29	82	368545	68.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	151923	115.64	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	764788	85.39	ng	0.00
78) Terphenyl-d14	12.82	244	659339	60.68	ng	0.00

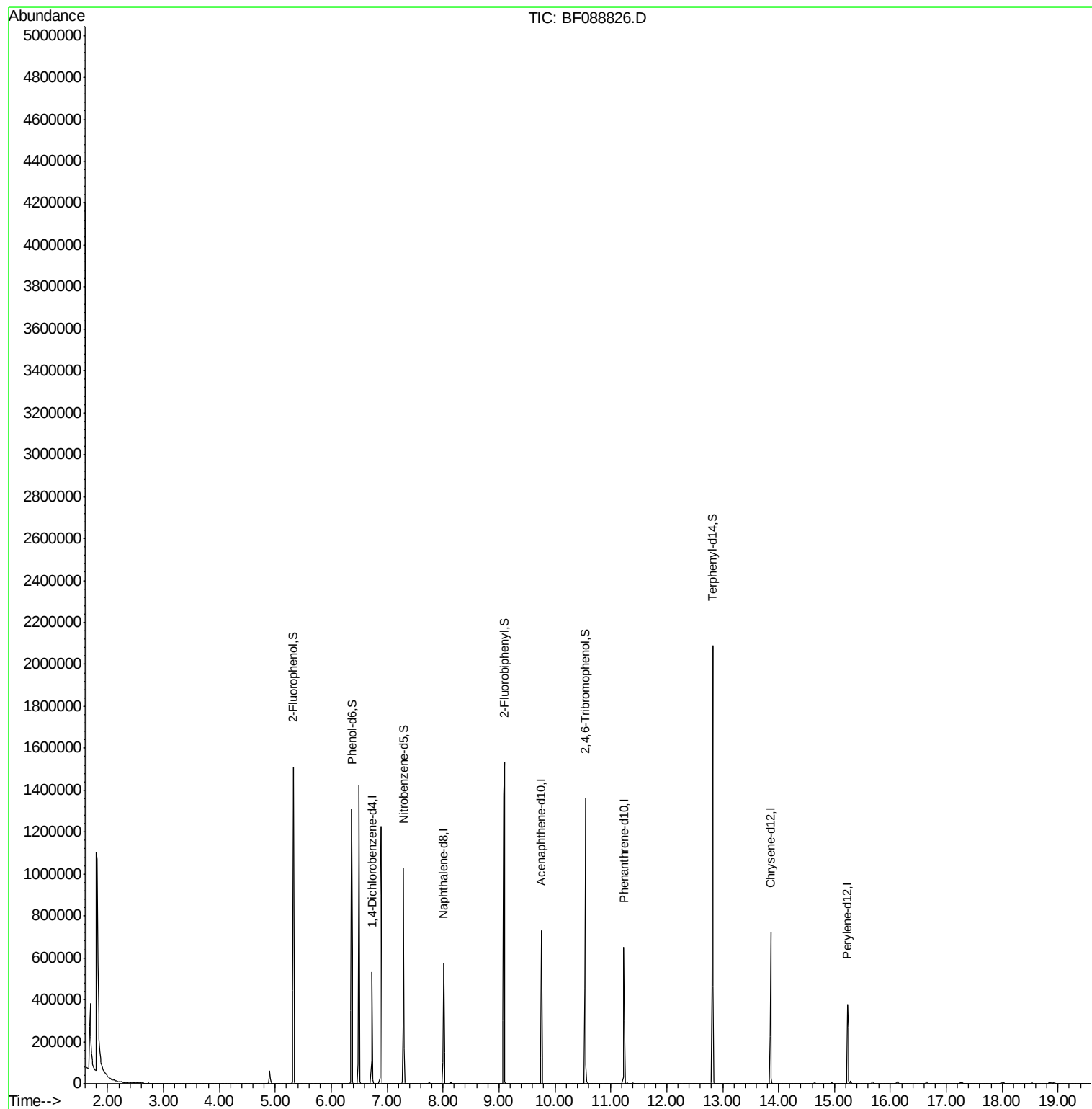
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

Instrument :

BNA_F

ClientSampleId :

PB91867BL

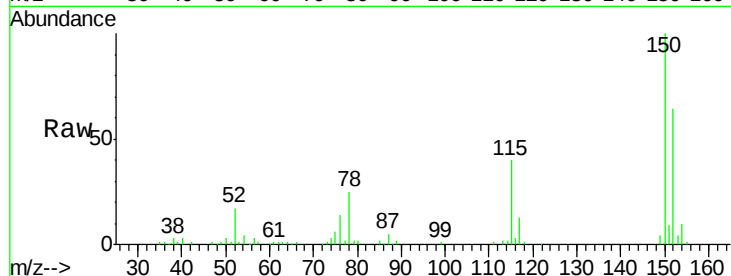
Tgt Ion:152 Resp: 75169

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

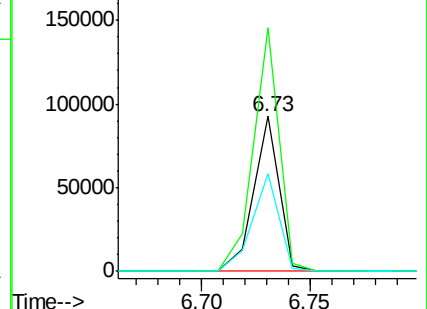
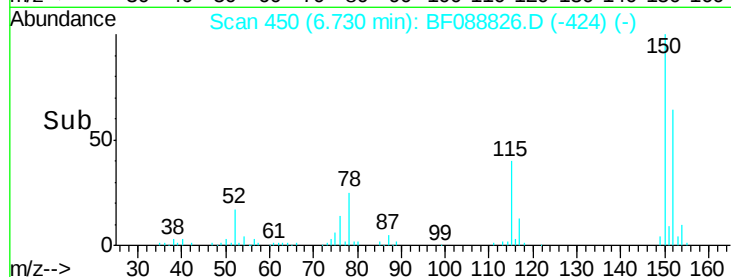
115 63.3 39.6 59.4#



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: 90.60 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

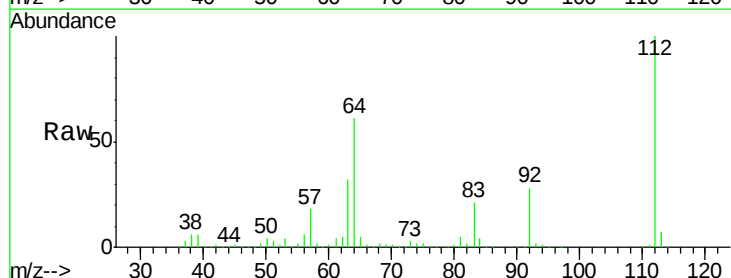
Tgt Ion:112 Resp: 454424

Ion Ratio Lower Upper

112 100

64 60.5 42.2 63.2

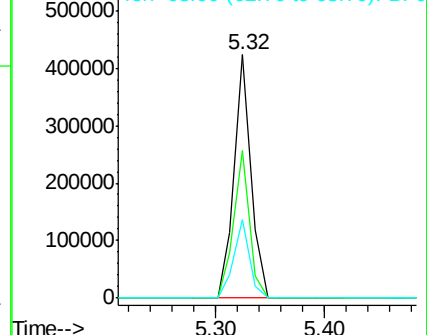
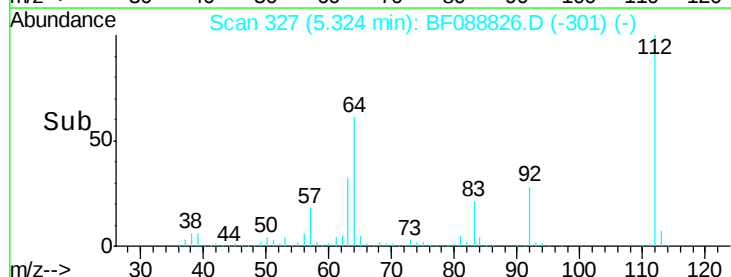
63 32.1 21.8 32.8



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: 93.19 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

Instrument :

BNA_F

ClientSampleId :

PB91867BL

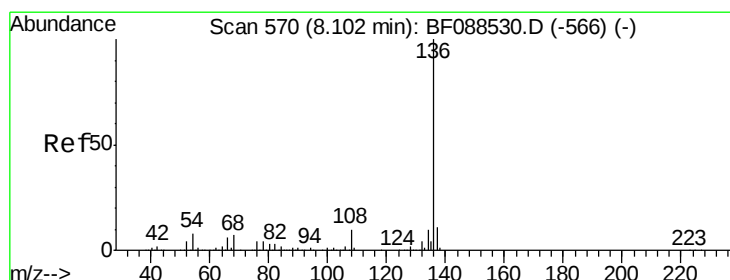
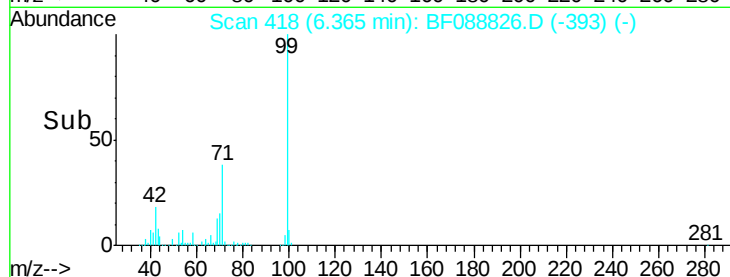
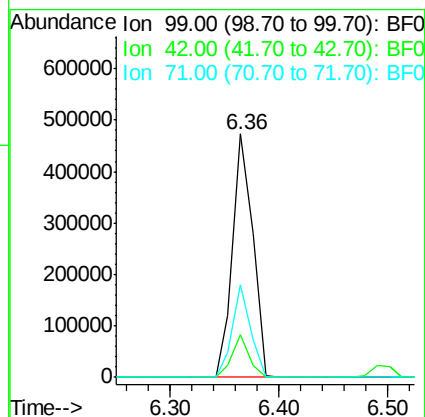
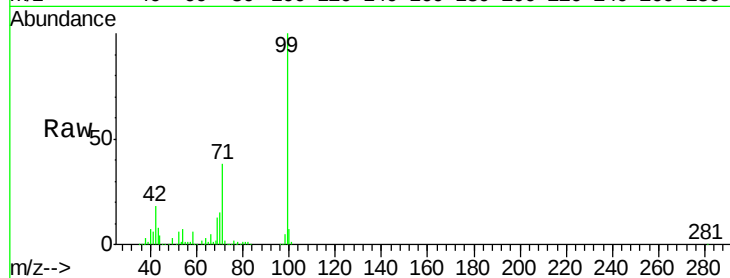
Tgt Ion: 99 Resp: 603971

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 38.1 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

Tgt Ion: 136 Resp: 283445

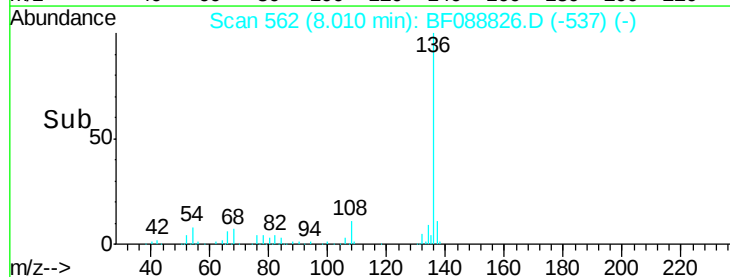
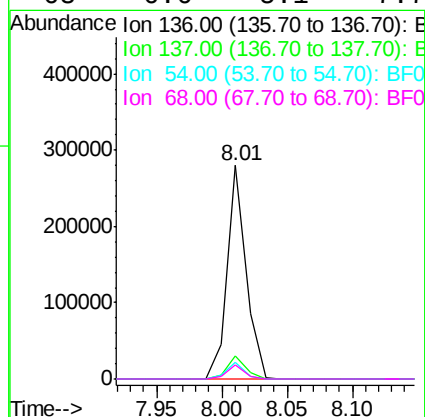
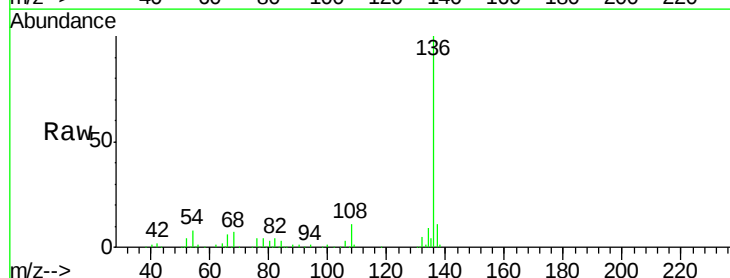
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.8 6.6 10.0

68 6.6 5.1 7.7

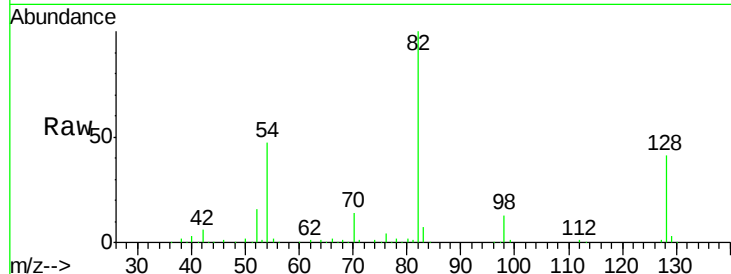




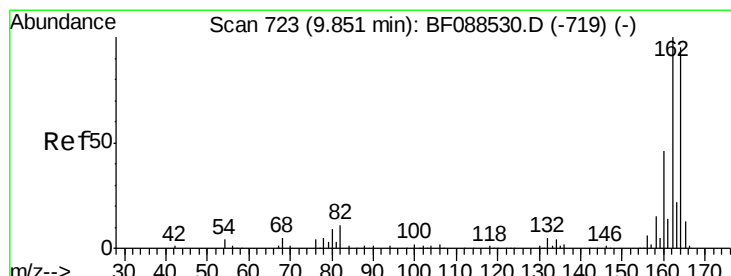
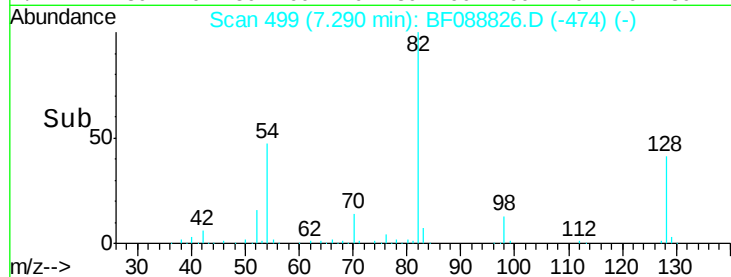
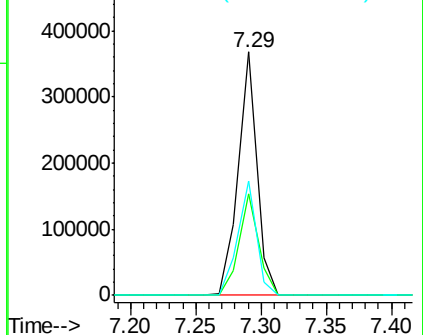
#23
 Nitrobenzene-d5
 Concen: 68.14 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088826.D
 Acq: 8 Jul 2016 15:29

Instrument :
 BNA_F
 ClientSampleID :
 PB91867BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.9	53.9
54	46.9	40.9	61.3

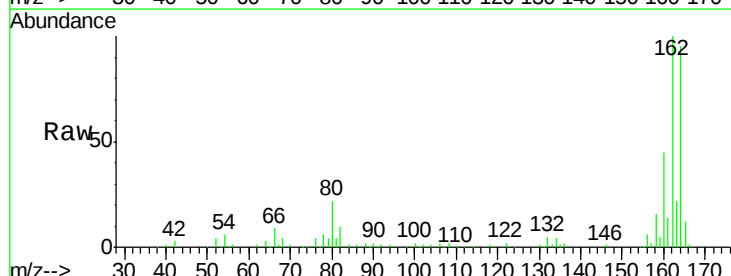


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

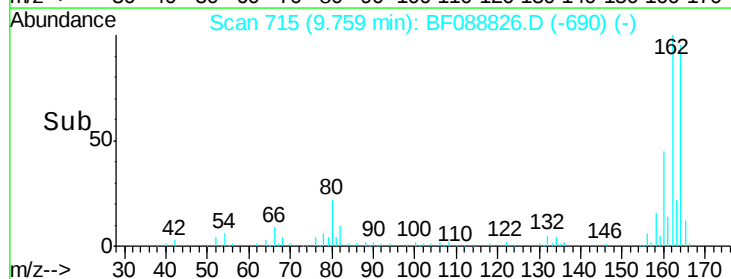
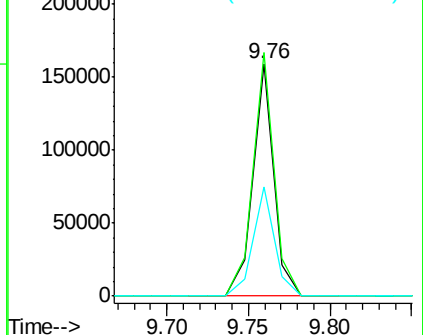


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088826.D
 Acq: 8 Jul 2016 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.2	39.5	59.3



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

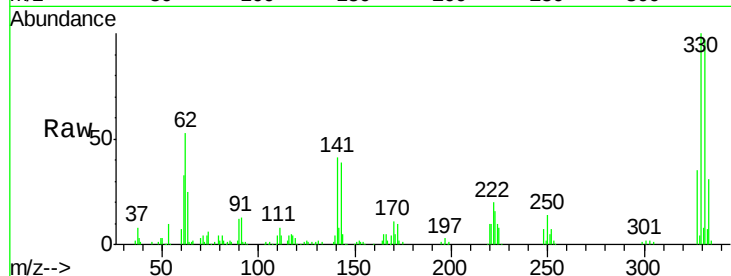




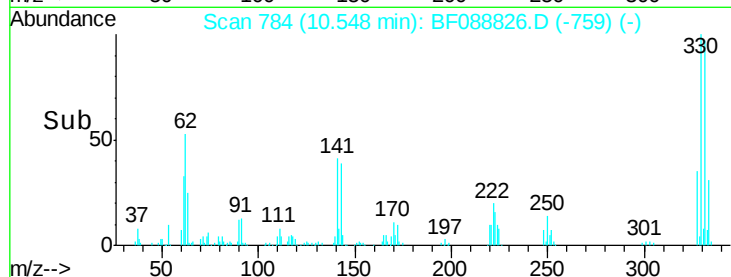
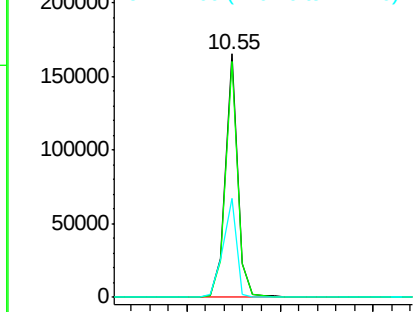
#41
 2,4,6-Tribromophenol
 Concen: 115.64 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088826.D
 Acq: 8 Jul 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BL

Tgt Ion:330 Resp: 151923
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 43.8 0.0 0.0#

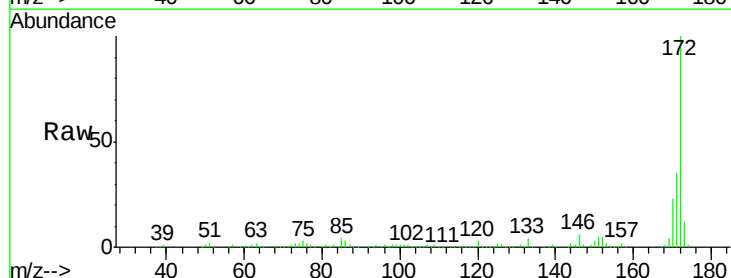


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

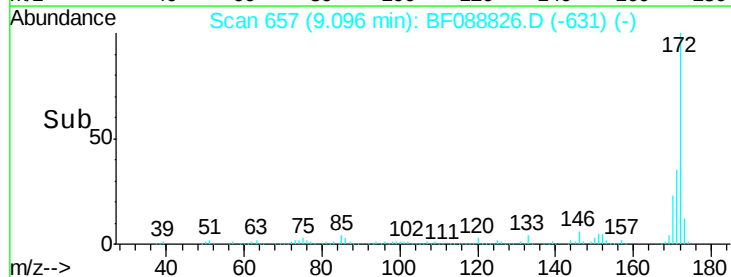
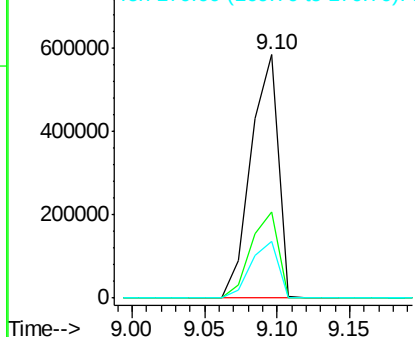


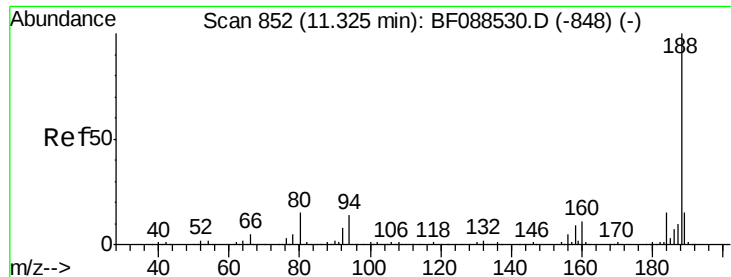
#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088826.D
 Acq: 8 Jul 2016 15:29

Tgt Ion:172 Resp: 764788
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.5 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

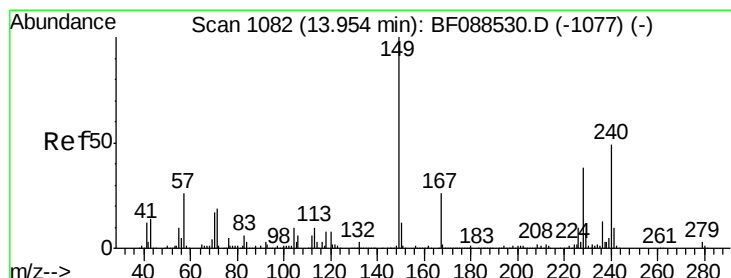
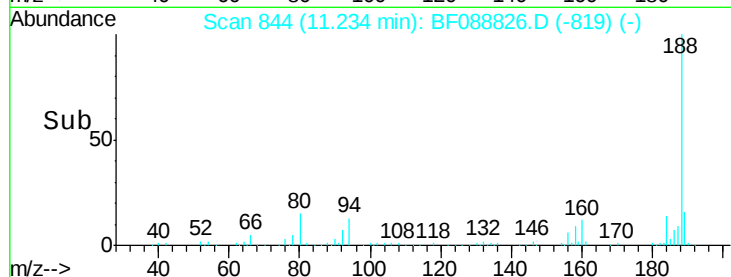
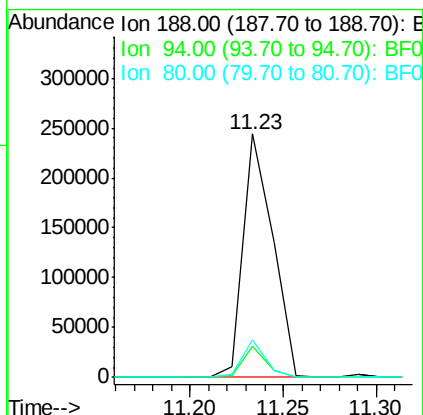
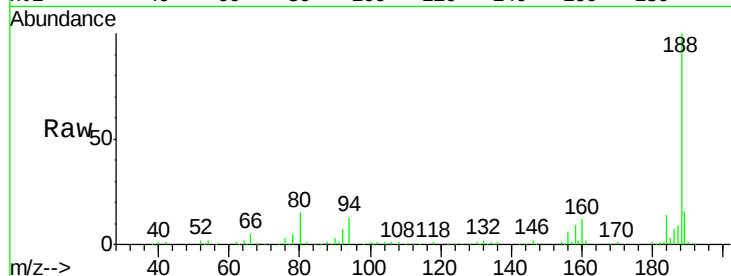




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088826.D
Acq: 8 Jul 2016 15:29

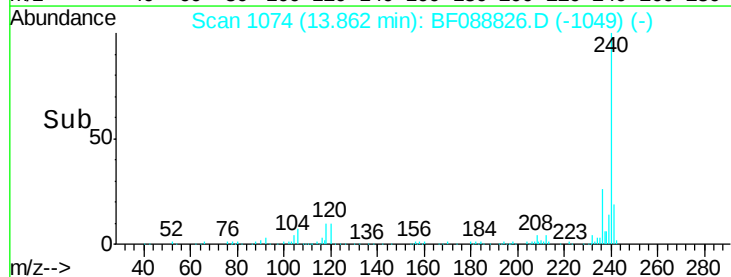
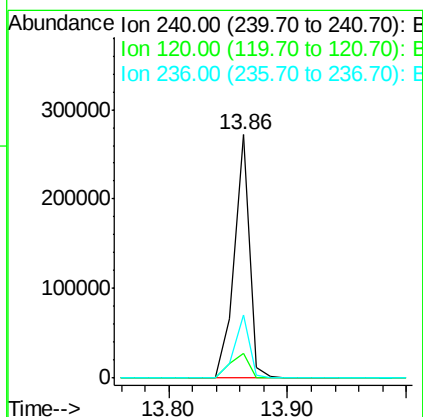
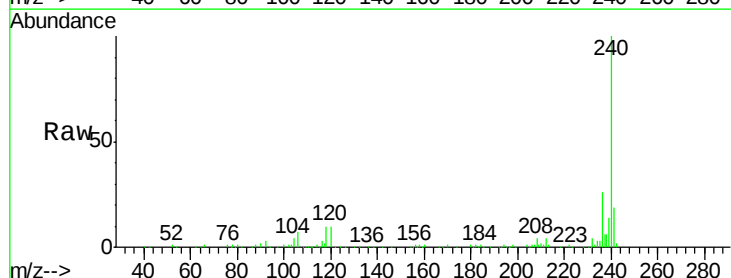
Instrument :
BNA_F
ClientSampleId :
PB91867BL

Tgt Ion:188 Resp: 268599
Ion Ratio Lower Upper
188 100
94 12.9 9.0 13.6
80 15.2 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088826.D
Acq: 8 Jul 2016 15:29

Tgt Ion:240 Resp: 242036
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2#
236 25.9 20.2 30.2





#78

Terphenyl-d14

Concen: 60.68 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

Instrument :

BNA_F

ClientSampleId :

PB91867BL

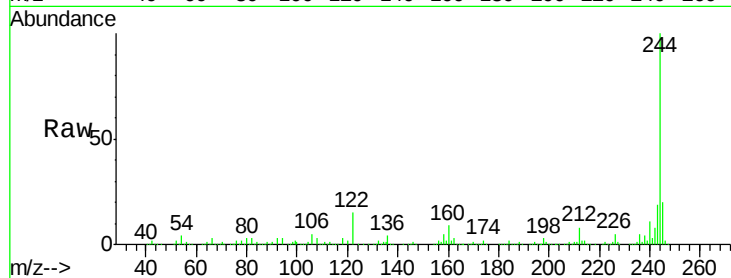
Tgt Ion:244 Resp: 659339

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

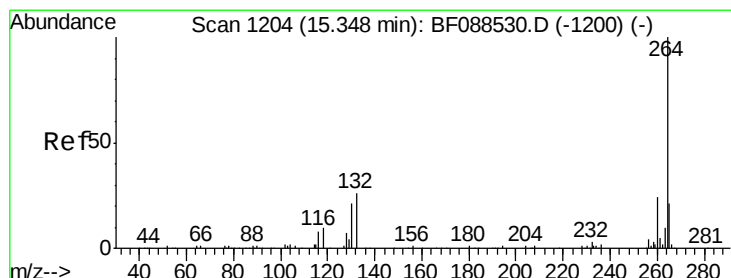
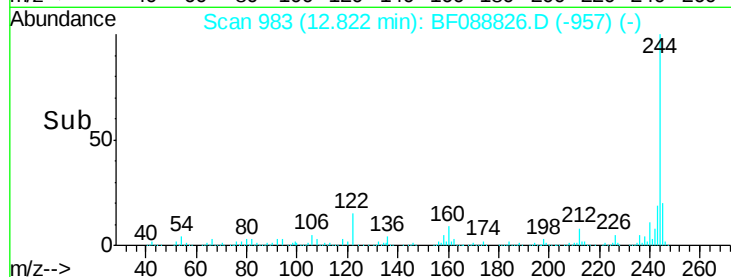
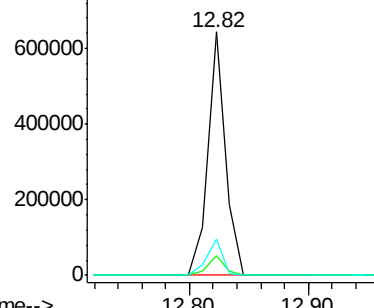
122 15.1 11.2 16.8



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: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088826.D

Acq: 8 Jul 2016 15:29

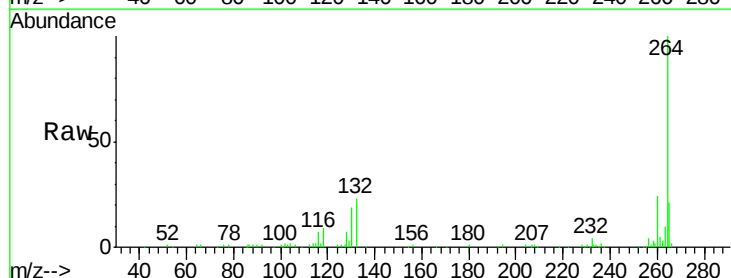
Tgt Ion:264 Resp: 184009

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 16.9 25.3



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

