

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088691.D
 Acq On : 4 Jul 2016 13:05
 Operator : UM/SJ
 Sample : H3822-05 10X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Quant Time: Jul 05 01:38:24 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 01:06:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101741	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	356209	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144317	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	234329	20.00	ng	0.01
75) Chrysene-d12	13.92	240	193354	20.00	ng	0.00
86) Perylene-d12	15.31	264	161102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	77434	11.41	ng	0.00
7) Phenol-d6	6.41	99	104446	11.91	ng	-0.01
23) Nitrobenzene-d5	7.35	82	56200	8.27	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	12093	9.02	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	97158	10.63	ng	-0.01
78) Terphenyl-d14	12.88	244	65511	7.55	ng	0.00

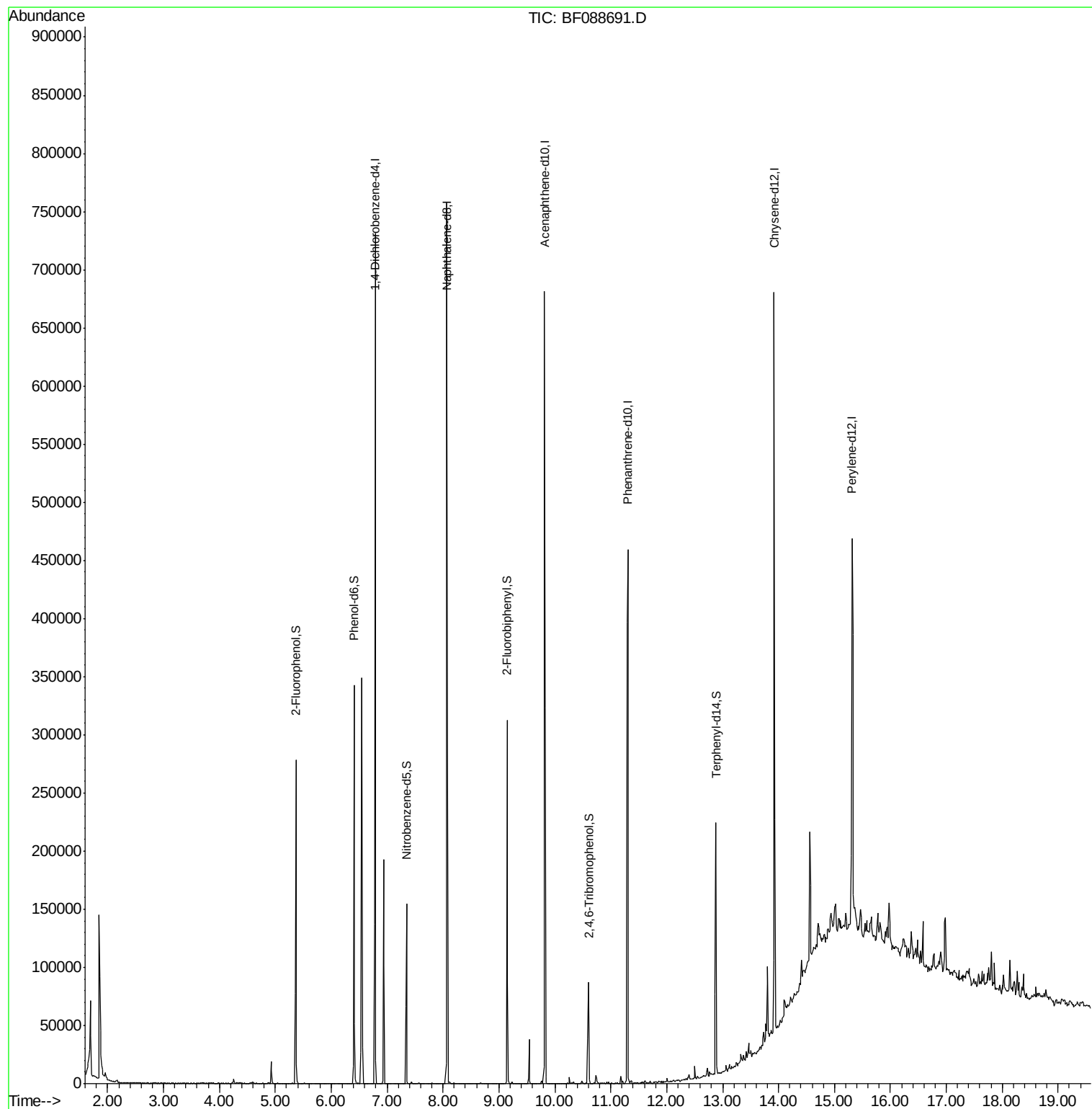
Target Compounds Qvalue

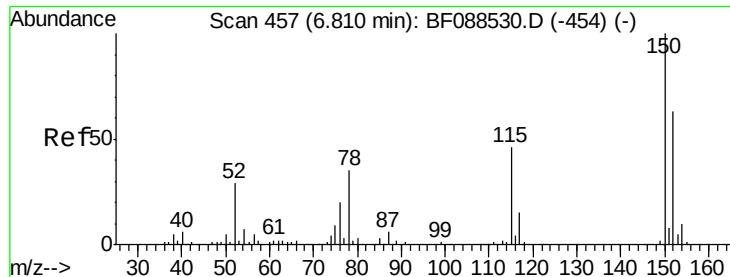
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

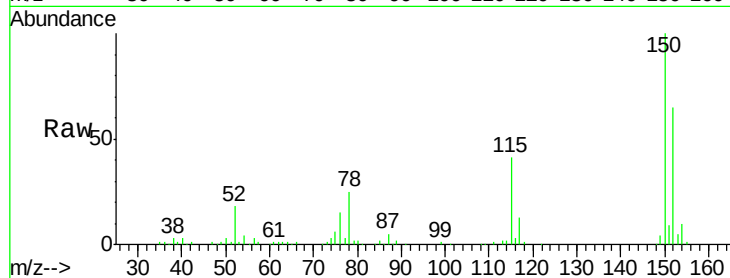
Tot Ion:152 Resp: 101741

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

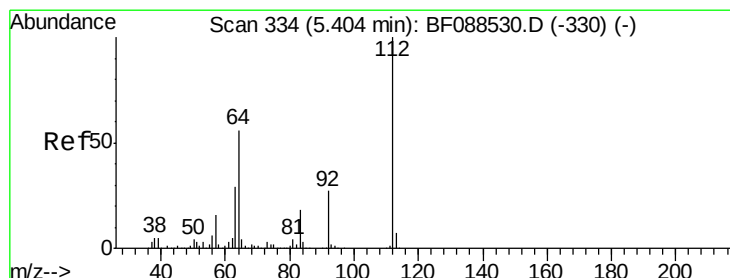
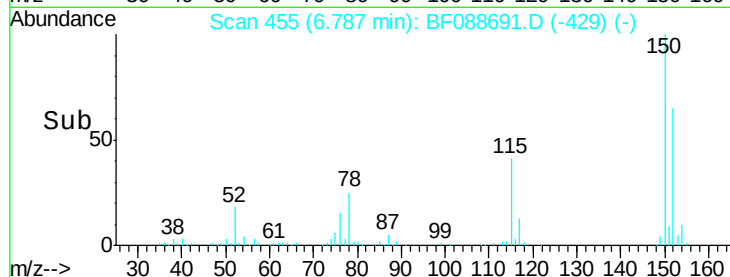
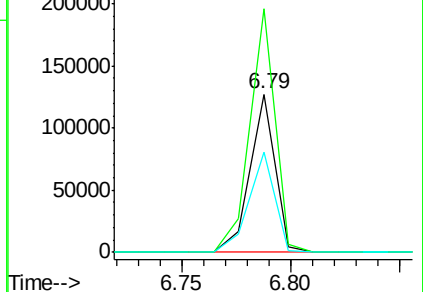
115 63.2 39.6 59.4#



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: 11.41 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

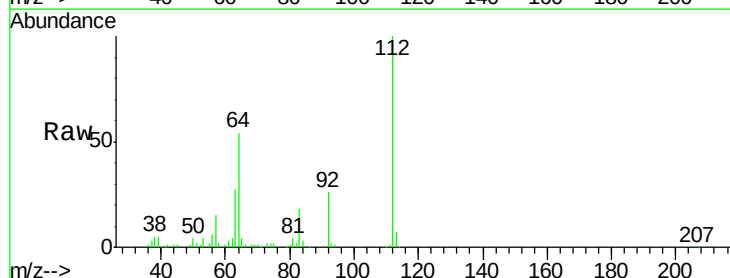
Tgt Ion:112 Resp: 77434

Ion Ratio Lower Upper

112 100

64 54.5 42.2 63.2

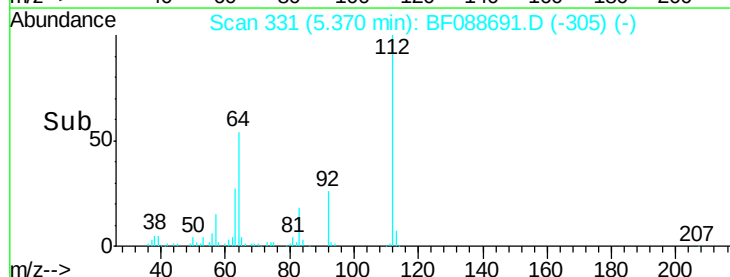
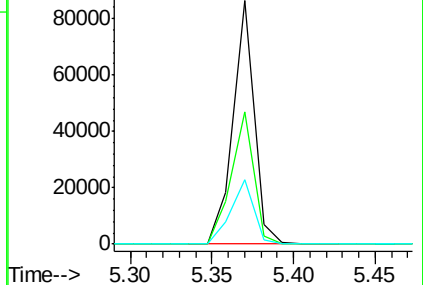
63 26.5 21.8 32.8

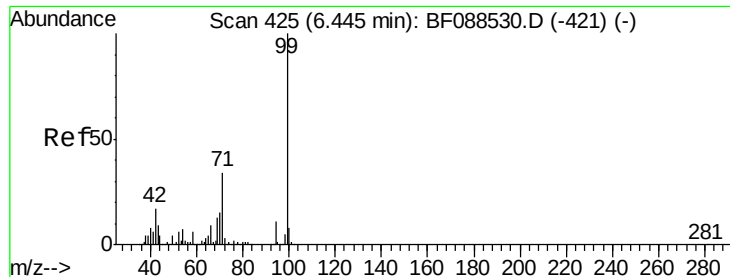


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.91 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

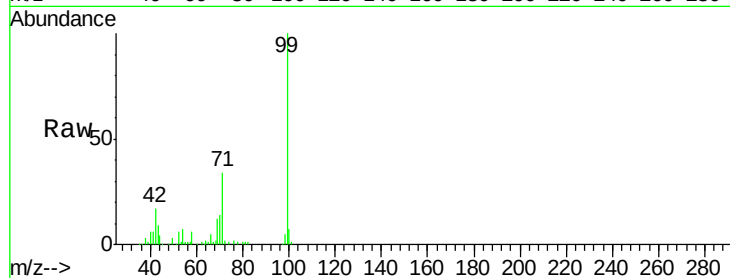
Tot Ion: 99 Resp: 104446

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

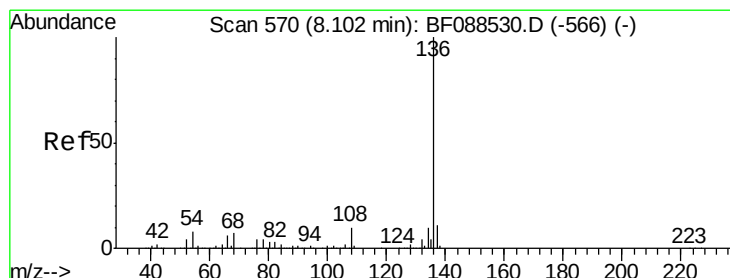
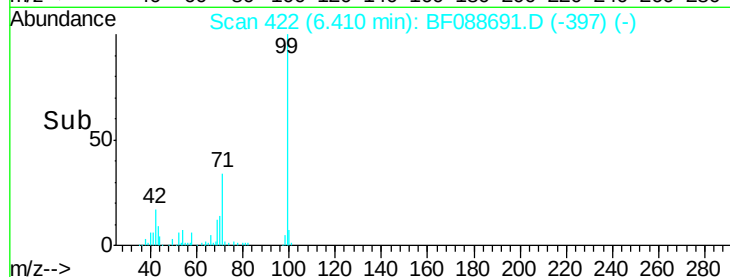
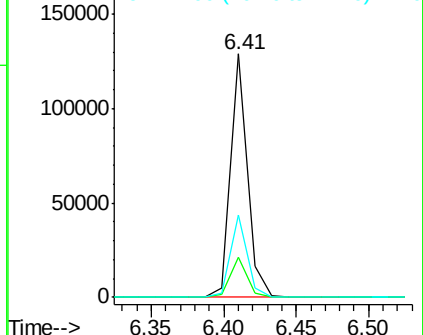
71 33.7 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Tgt Ion: 136 Resp: 356209

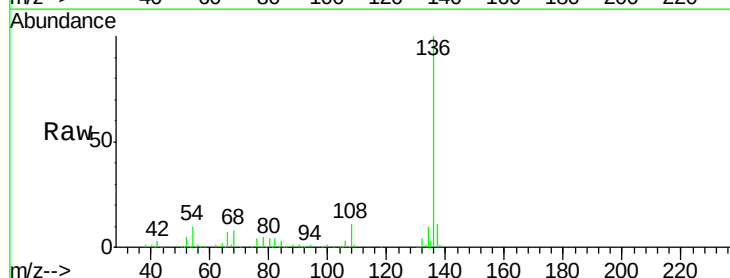
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.3 6.6 10.0#

68 8.0 5.1 7.7#

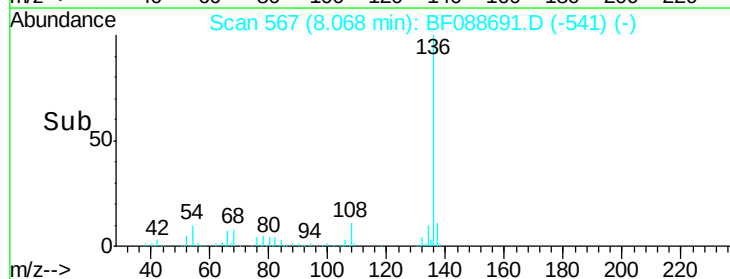
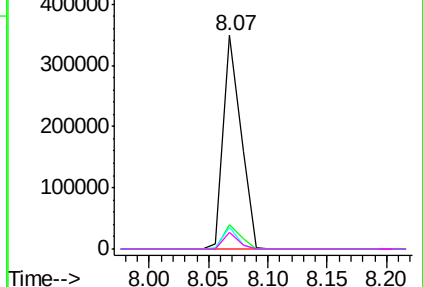


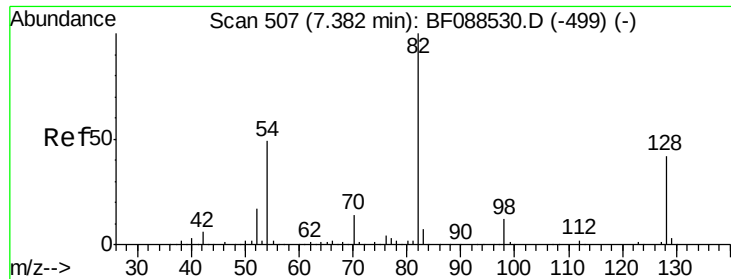
Abundance Ion 136.00 (135.70 to 136.70): E

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

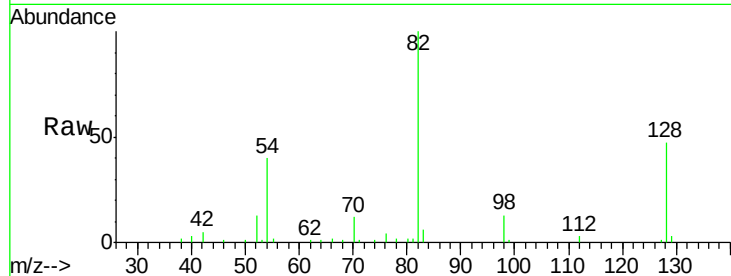




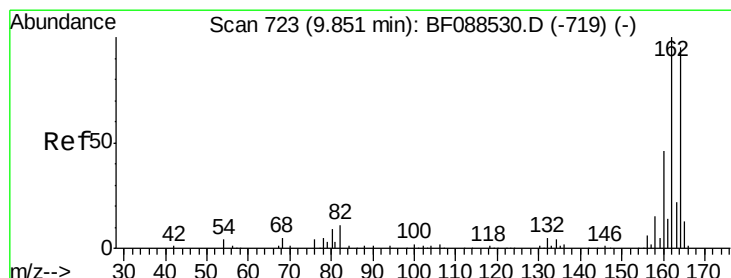
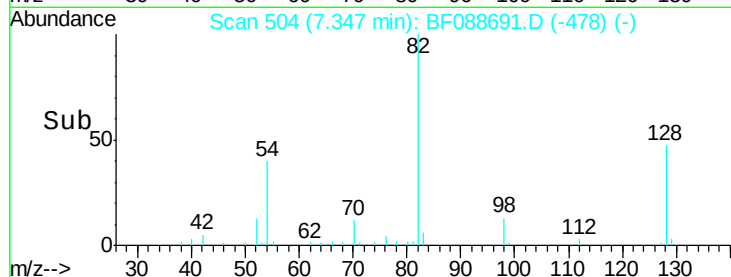
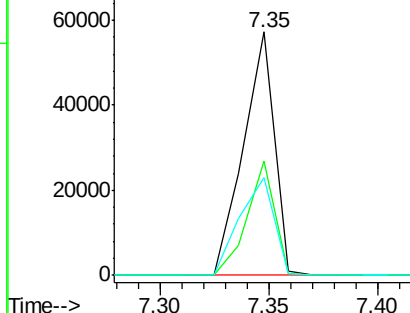
#23
 Nitrobenzene-d5
 Concen: 8.27 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Tot Ion: 82 Resp: 56200
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.9 53.9
 54 40.1 40.9 61.3#

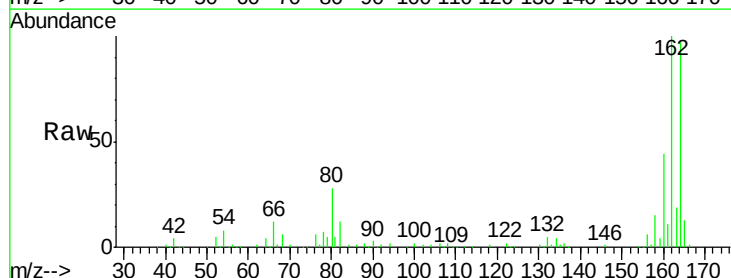


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

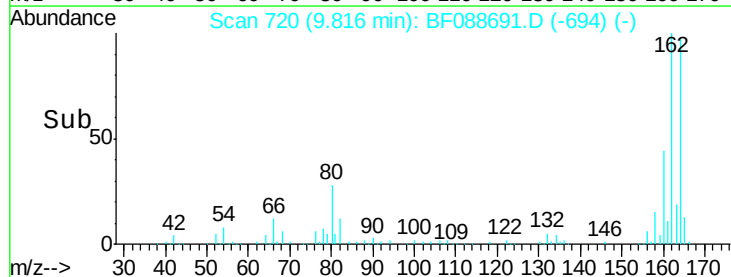
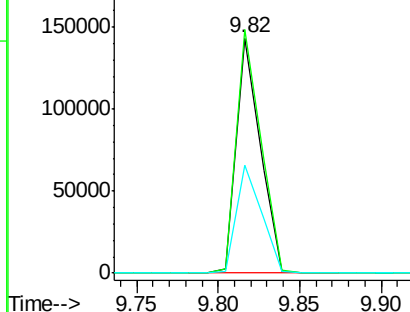


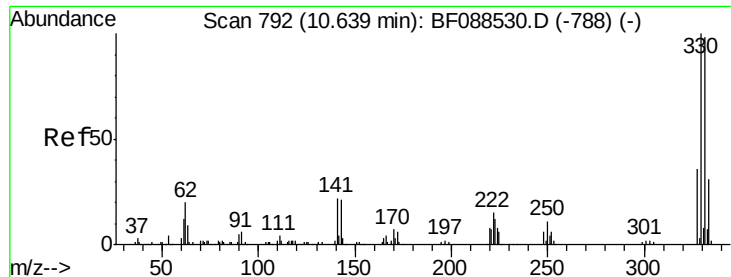
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Tgt Ion:164 Resp: 144317
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 45.9 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

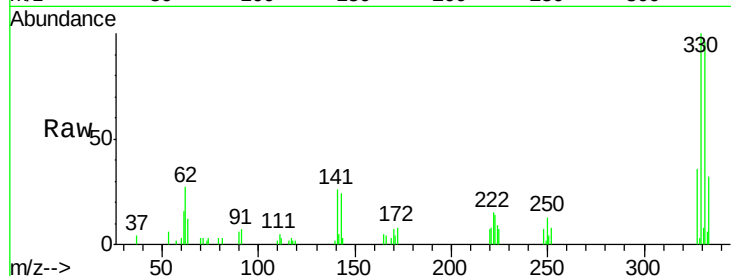




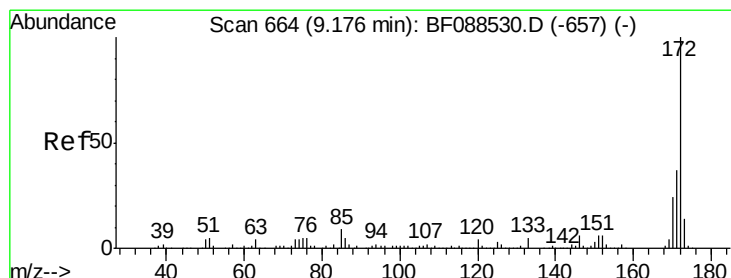
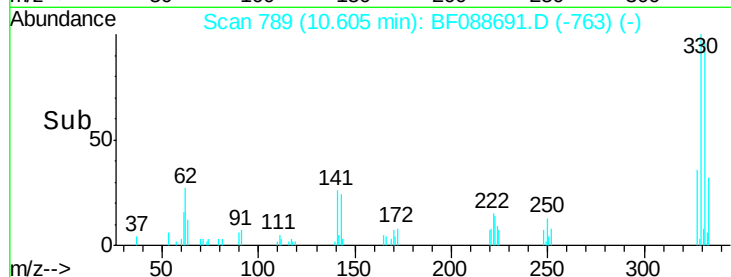
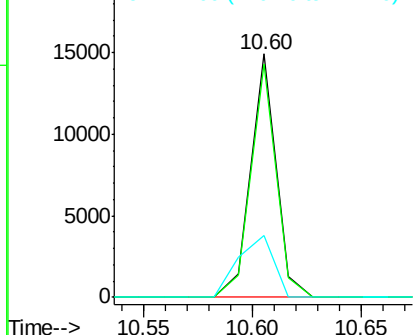
#41
 2,4,6-Tribromophenol
 Concen: 9.02 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D10-B1(0-6)C

Tot Ion:330 Resp: 12093
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 35.7 0.0 0.0#

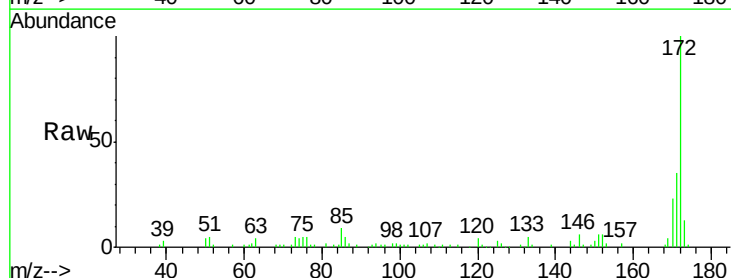


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

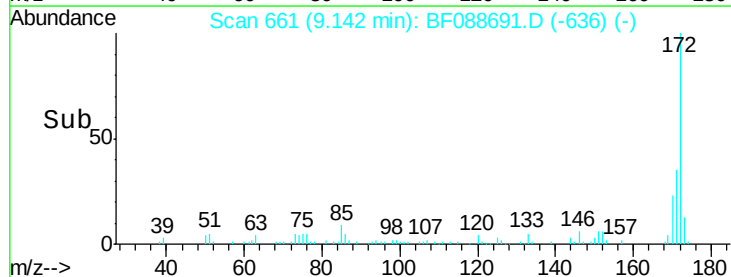
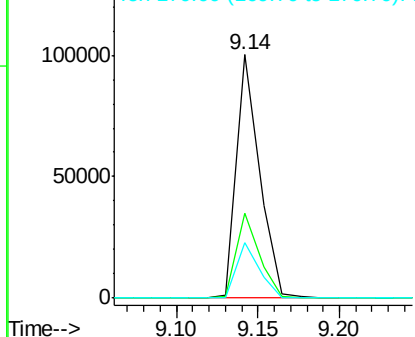


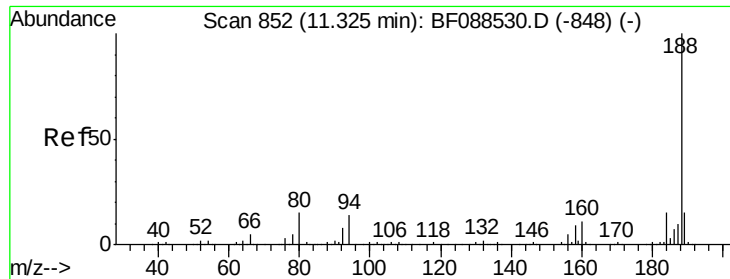
#44
 2-Fluorobiphenyl
 Concen: 10.63 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF088691.D
 Acq: 4 Jul 2016 13:05

Tgt Ion:172 Resp: 97158
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 22.9 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

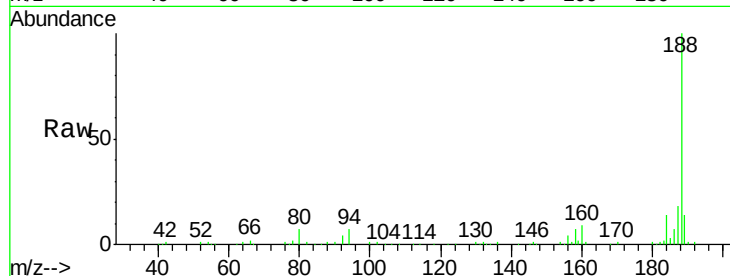




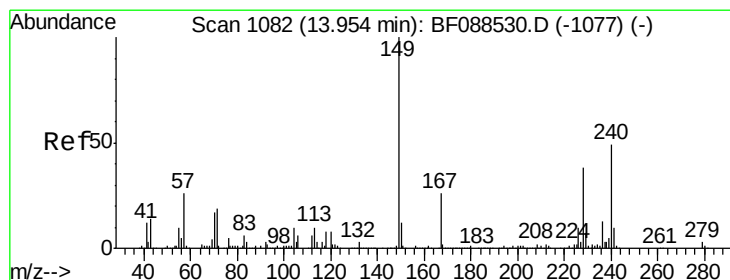
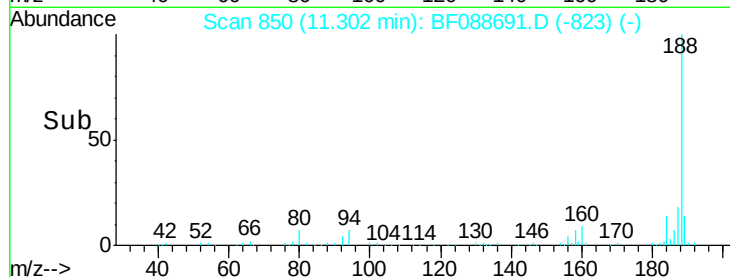
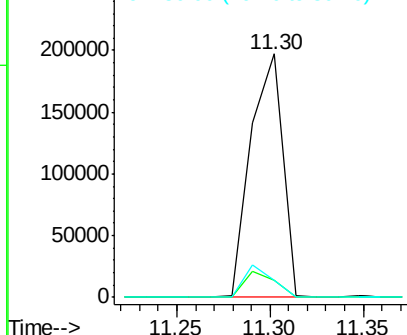
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Instrument :
BNA_F
ClientSampleId :
D10-B1(0-6)C

Tot Ion:188 Resp: 234329
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.2 10.0 15.0#

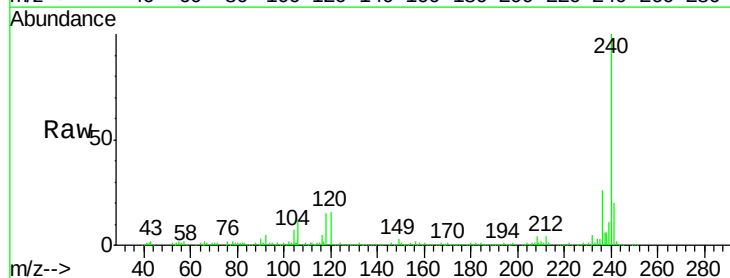


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

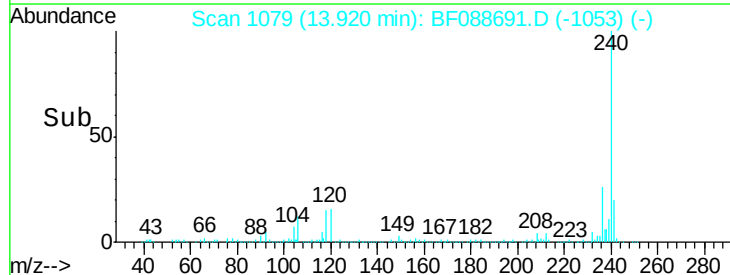
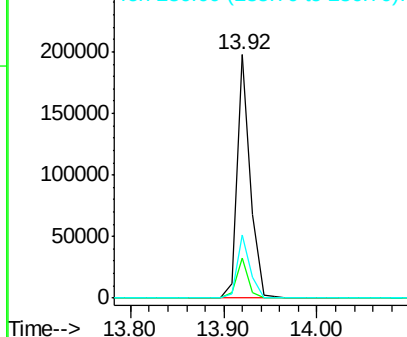


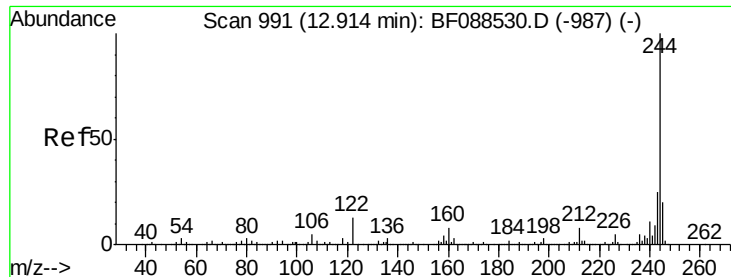
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088691.D
Acq: 4 Jul 2016 13:05

Tgt Ion:240 Resp: 193354
Ion Ratio Lower Upper
240 100
120 16.3 6.8 10.2#
236 26.1 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: 7.55 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

Instrument :

BNA_F

ClientSampleId :

D10-B1(0-6)C

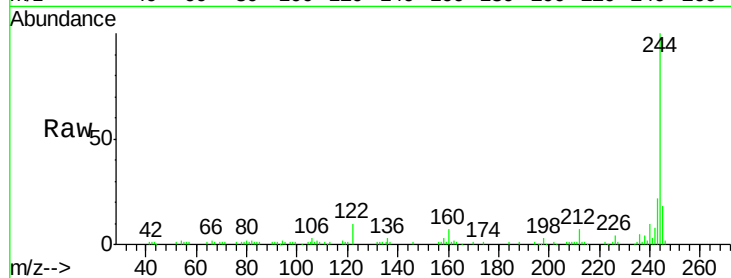
Tot Ion:244 Resp: 65511

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

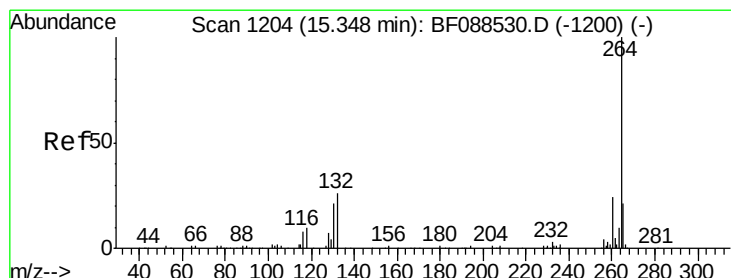
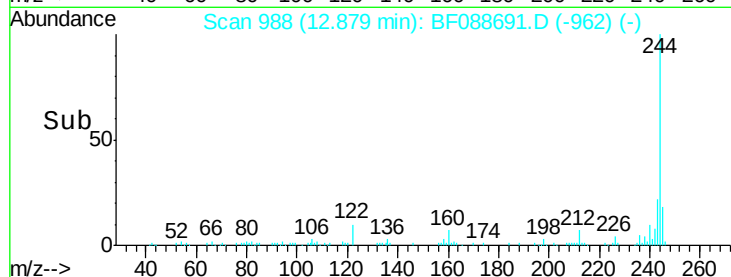
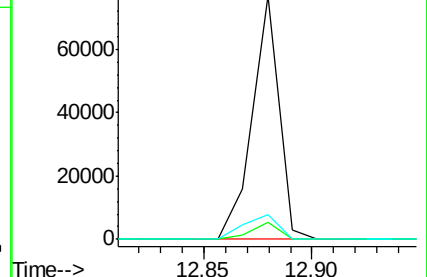
122 10.3 11.2 16.8#



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: 15.31 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF088691.D

Acq: 4 Jul 2016 13:05

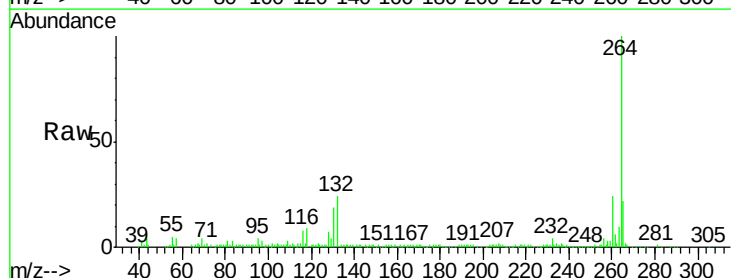
Tgt Ion:264 Resp: 161102

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 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

