

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
 Data File : BF088903.D
 Acq On : 11 Jul 2016 17:00
 Operator : UM/SJ
 Sample : H3813-19MS 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Quant Time: Jul 12 02:03:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	76873	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	337229	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	144789	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	250245	20.00	ng	0.00
75) Chrysene-d12	13.84	240	174735	20.00	ng	-0.01
86) Perylene-d12	15.21	264	149224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	226	0.04	ng	0.01
7) Phenol-d6	6.34	99	393	0.06	ng	-0.01
23) Nitrobenzene-d5	7.27	82	12084	1.88	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	26945	2.94	ng	0.00
78) Terphenyl-d14	12.80	244	23135	2.95	ng	0.00

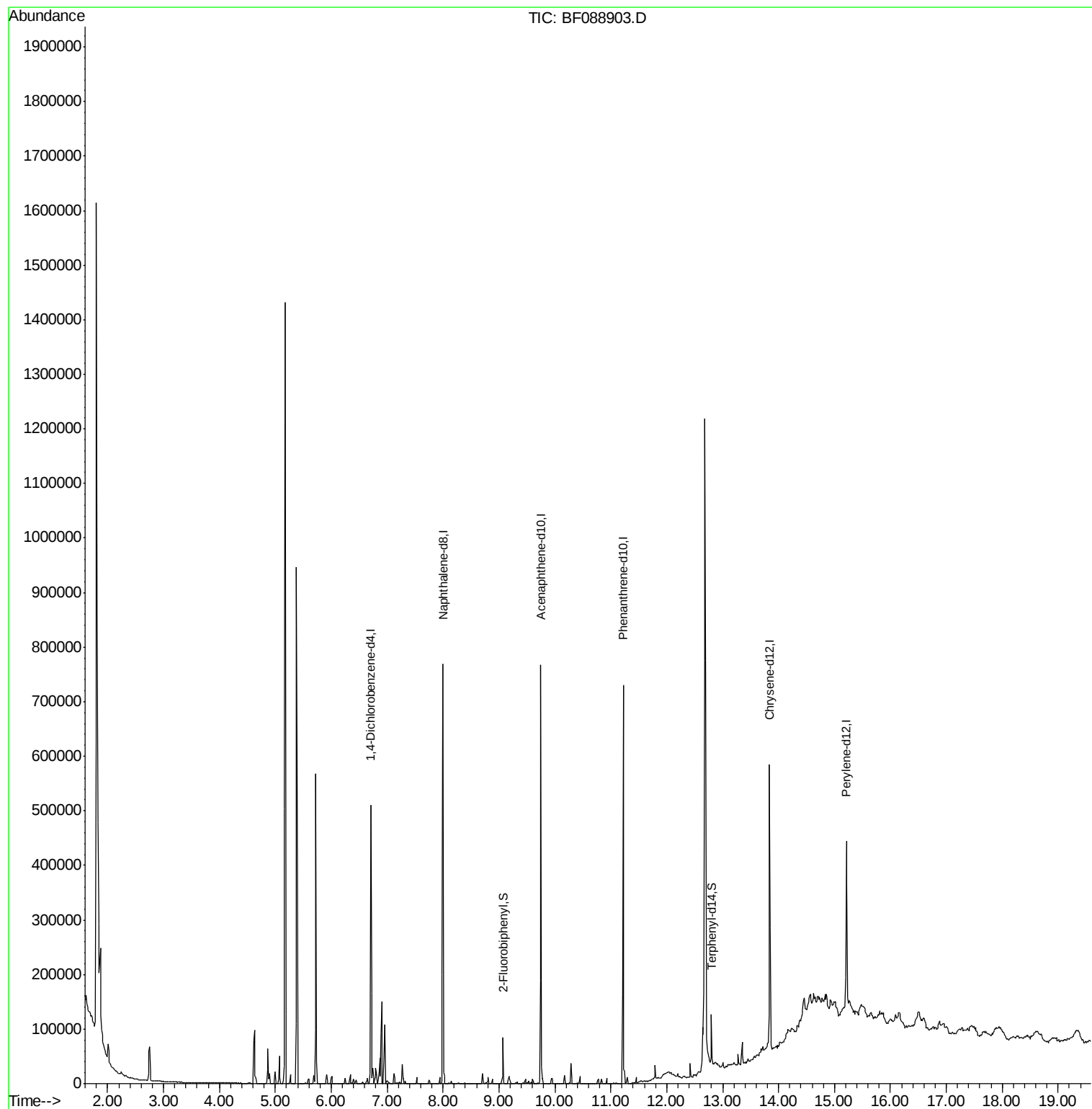
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MS

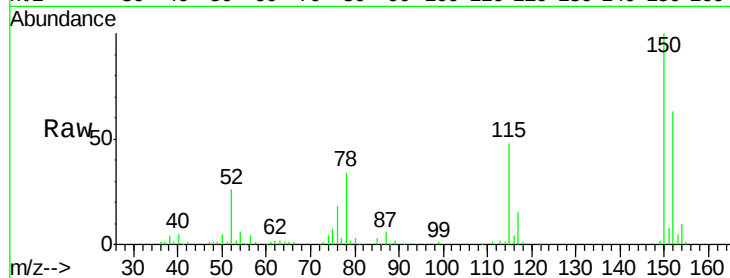
Tgt Ion:152 Resp: 76873

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

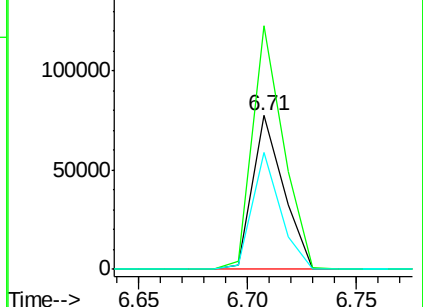
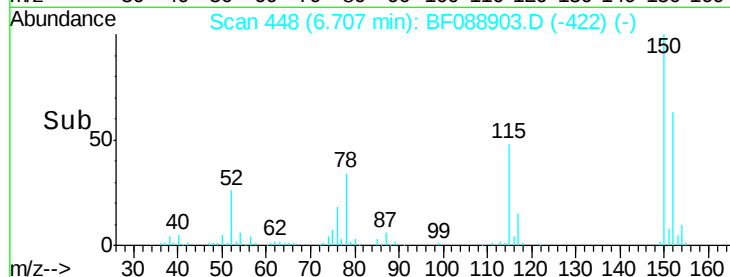
115 76.1 39.6 59.4#



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: 0.04 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

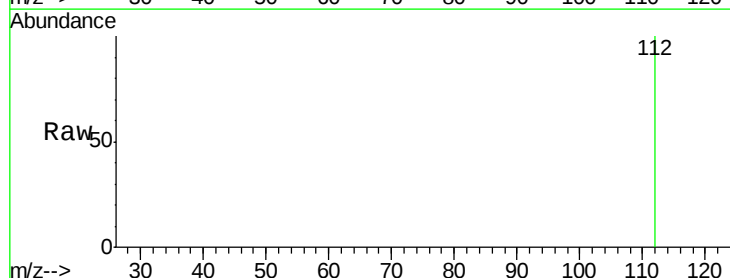
Tgt Ion:112 Resp: 226

Ion Ratio Lower Upper

112 100

64 0.0 42.2 63.2#

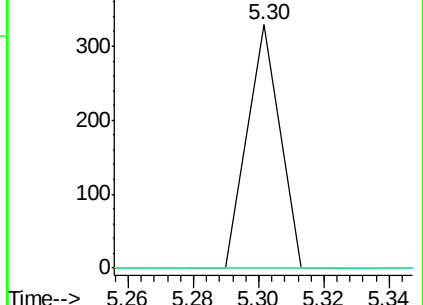
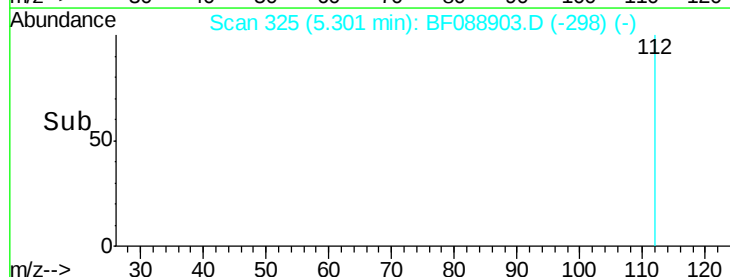
63 0.0 21.8 32.8#



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: 0.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MS

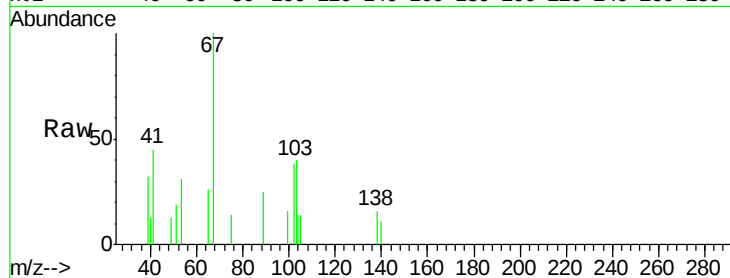
Tgt Ion: 99 Resp: 393

Ion Ratio Lower Upper

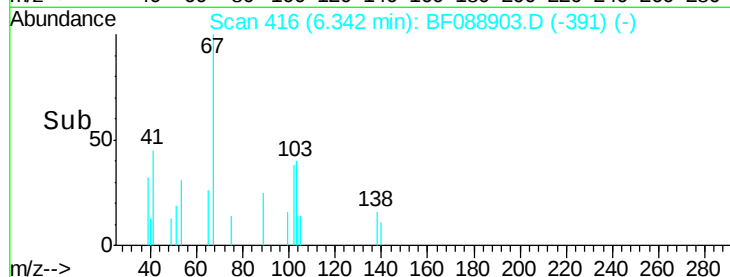
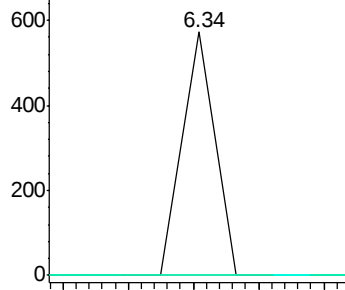
99 100

42 0.0 12.2 18.2#

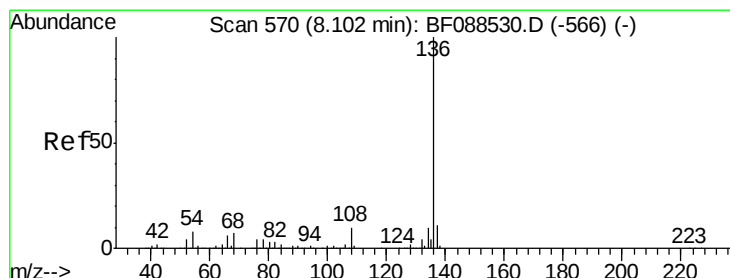
71 0.0 23.4 35.0#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

Tgt Ion: 136 Resp: 337229

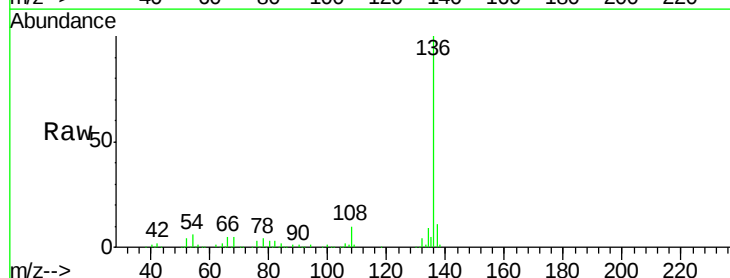
Ion Ratio Lower Upper

136 100

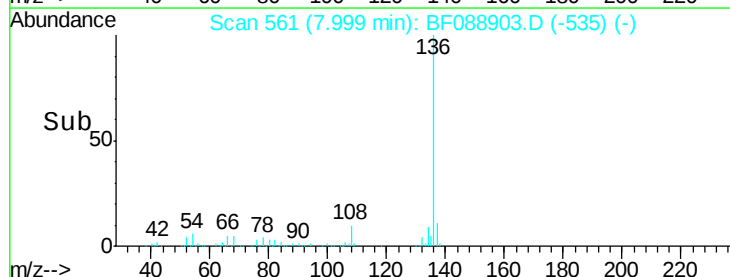
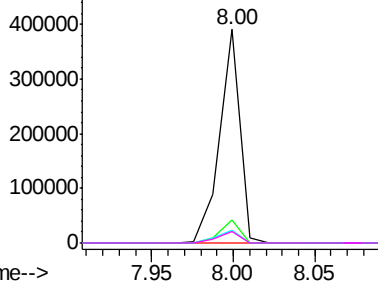
137 10.9 9.1 13.7

54 6.2 6.6 10.0#

68 5.1 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



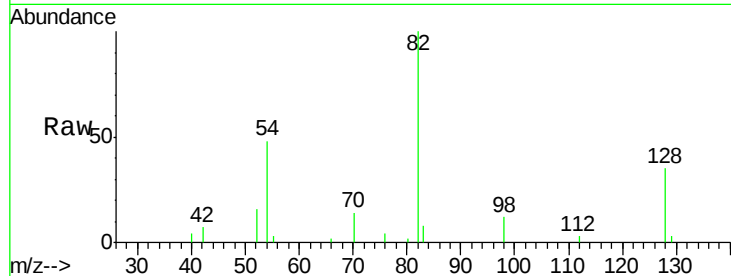
Time-->



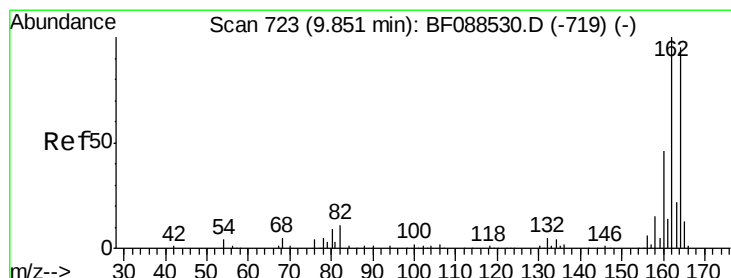
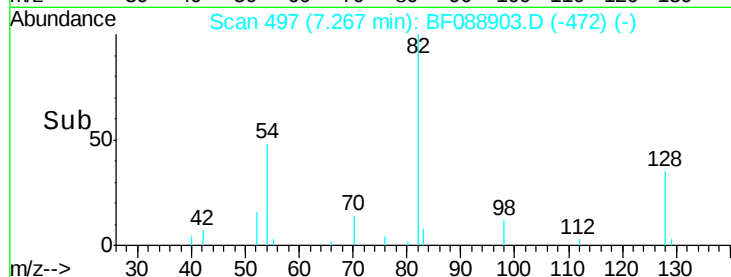
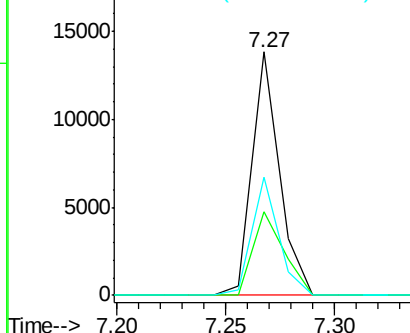
#23
 Nitrobenzene-d5
 Concen: 1.88 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088903.D
 Acq: 11 Jul 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Tgt Ion: 82 Resp: 12084
 Ion Ratio Lower Upper
 82 100
 128 34.5 35.9 53.9#
 54 48.3 40.9 61.3

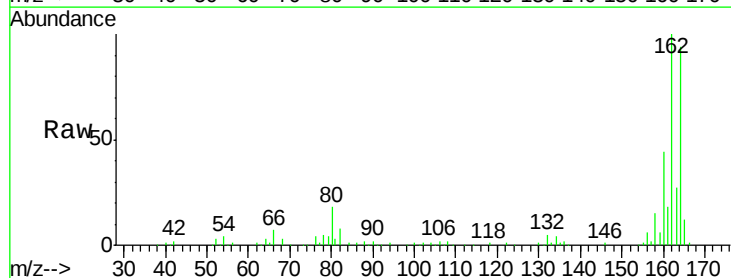


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

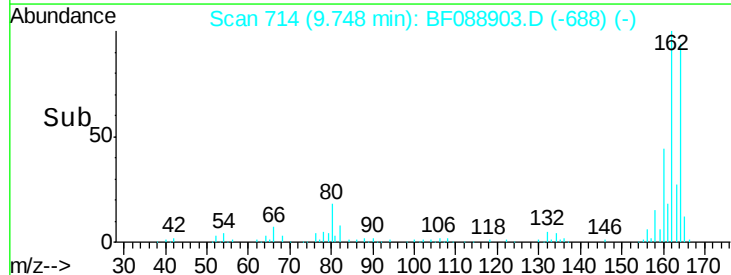
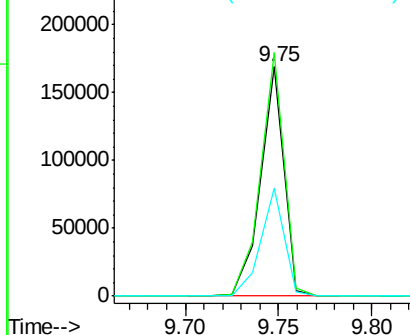


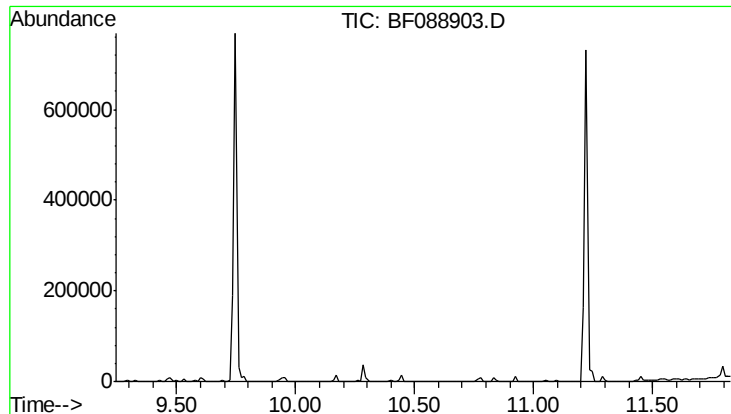
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF088903.D
 Acq: 11 Jul 2016 17:00

Tgt Ion: 164 Resp: 144789
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 47.1 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

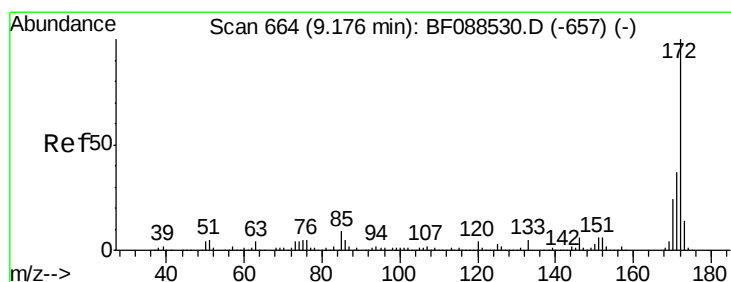
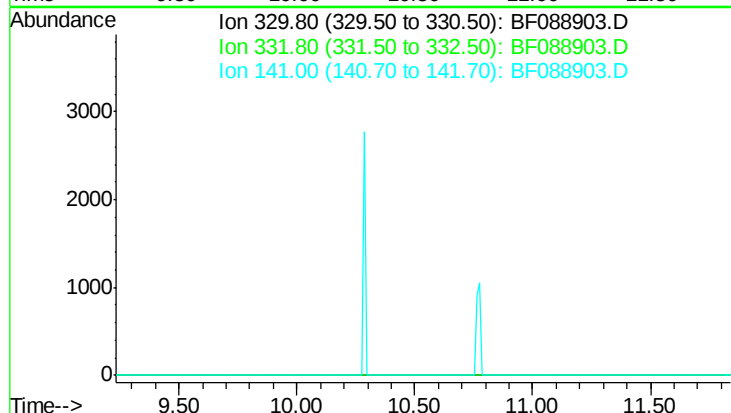




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.54 min
 Lab File: BF088903.D
 Acq: 11 Jul 2016 17:00

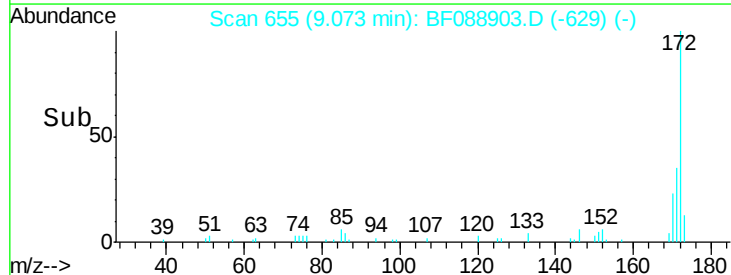
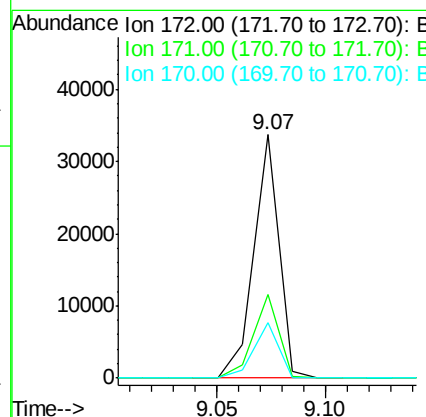
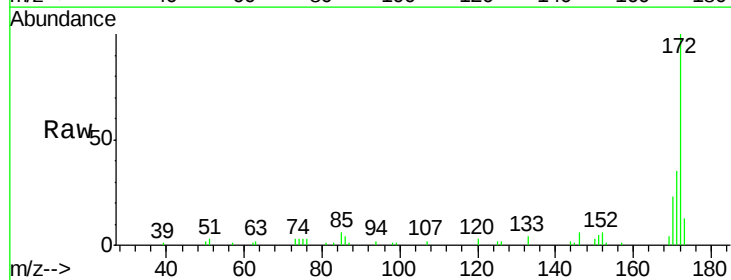
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

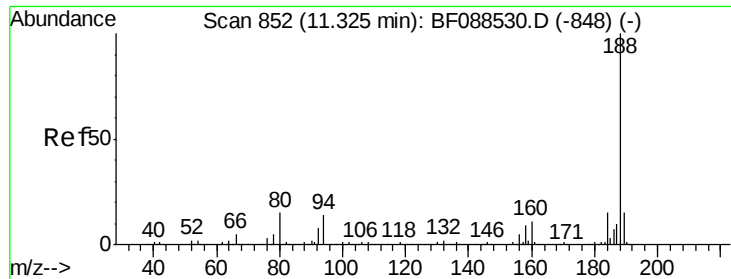
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 2.94 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088903.D
 Acq: 11 Jul 2016 17:00

Tgt Ion: 172 Resp: 26945
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 22.6 19.2 28.8

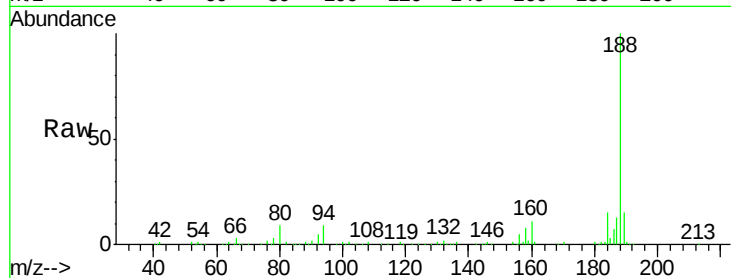




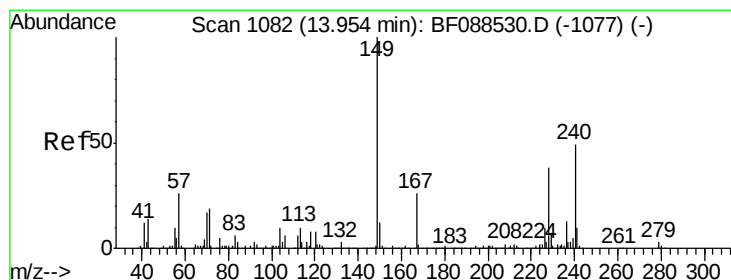
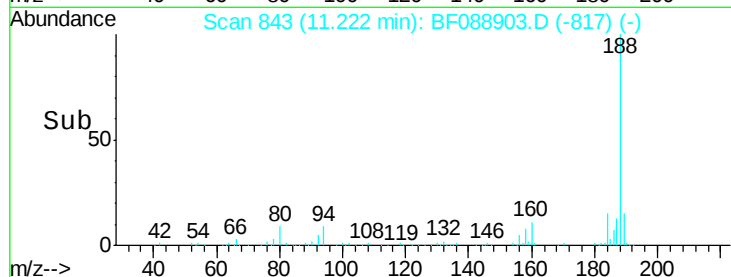
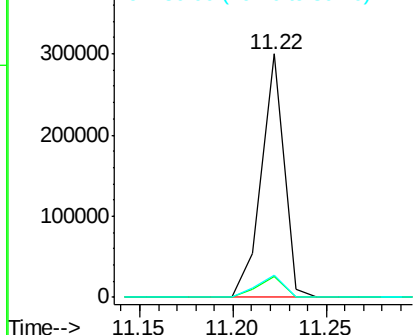
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088903.D
Acq: 11 Jul 2016 17:00

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MS

Tgt Ion:188 Resp: 250245
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 9.0 10.0 15.0#

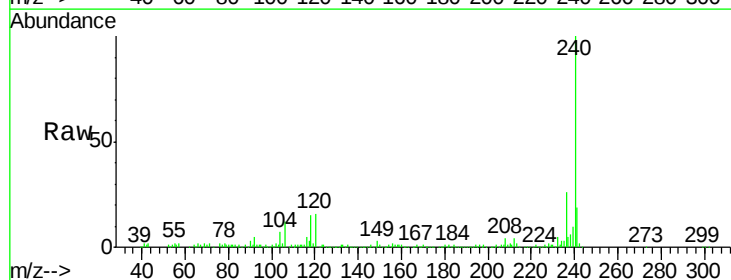


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

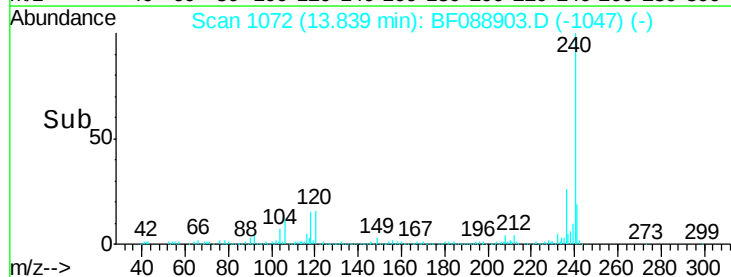
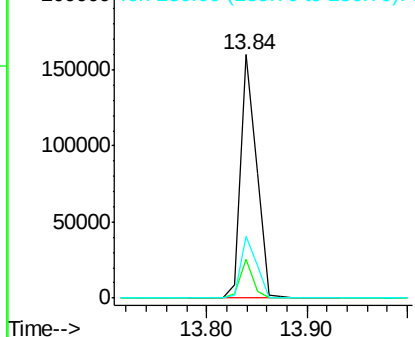


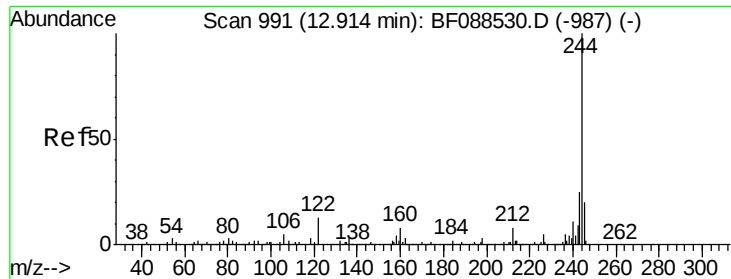
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088903.D
Acq: 11 Jul 2016 17:00

Tgt Ion:240 Resp: 174735
Ion Ratio Lower Upper
240 100
120 16.0 6.8 10.2#
236 25.6 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: 2.95 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MS

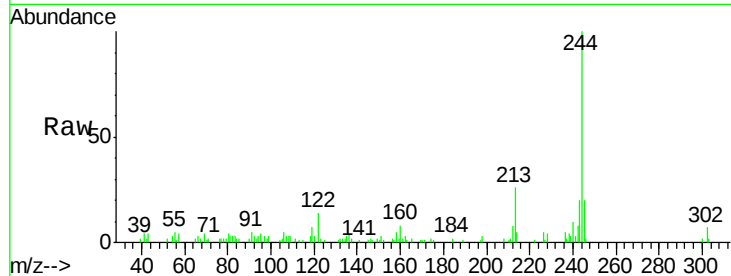
Tgt Ion:244 Resp: 23135

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

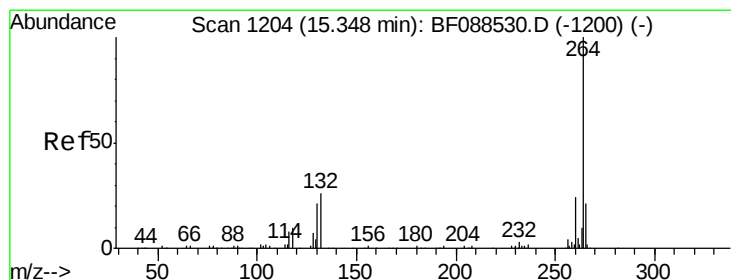
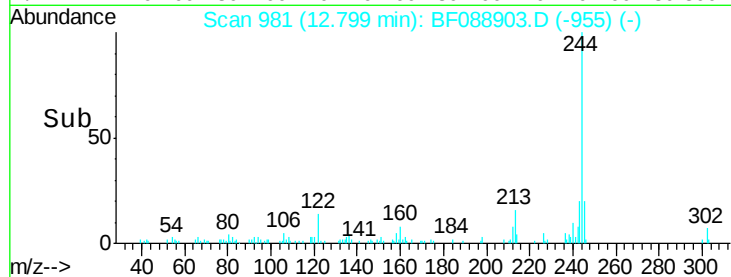
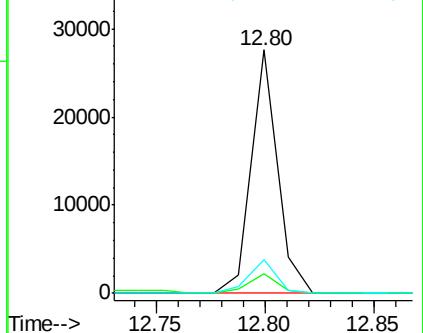
122 13.6 11.2 16.8



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: 15.21 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF088903.D

Acq: 11 Jul 2016 17:00

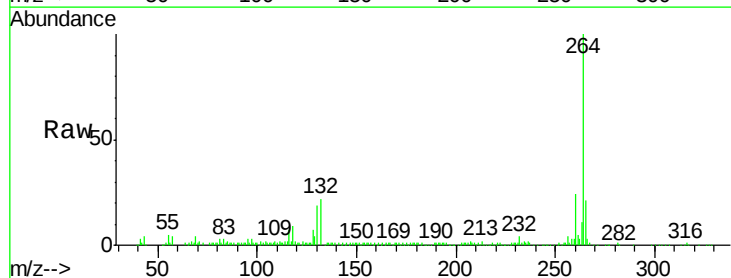
Tgt Ion:264 Resp: 149224

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 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

