

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088886.D
 Acq On : 9 Jul 2016 22:29
 Operator : UM/SJ
 Sample : H3813-30 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Quant Time: Jul 11 04:37:11 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	6.72	152	83888	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	332839	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	162649	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	308708	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	175217	20.00	ng	-0.02
86) Perylene-d12	15.23	264	162217	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	13699	2.45	ng	-0.02
7) Phenol-d6	6.34	99	11842	1.64	ng	-0.03
23) Nitrobenzene-d5	7.28	82	22477	3.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8611	5.70	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	42688	4.15	ng	-0.01
78) Terphenyl-d14	12.81	244	34952	4.44	ng	-0.01

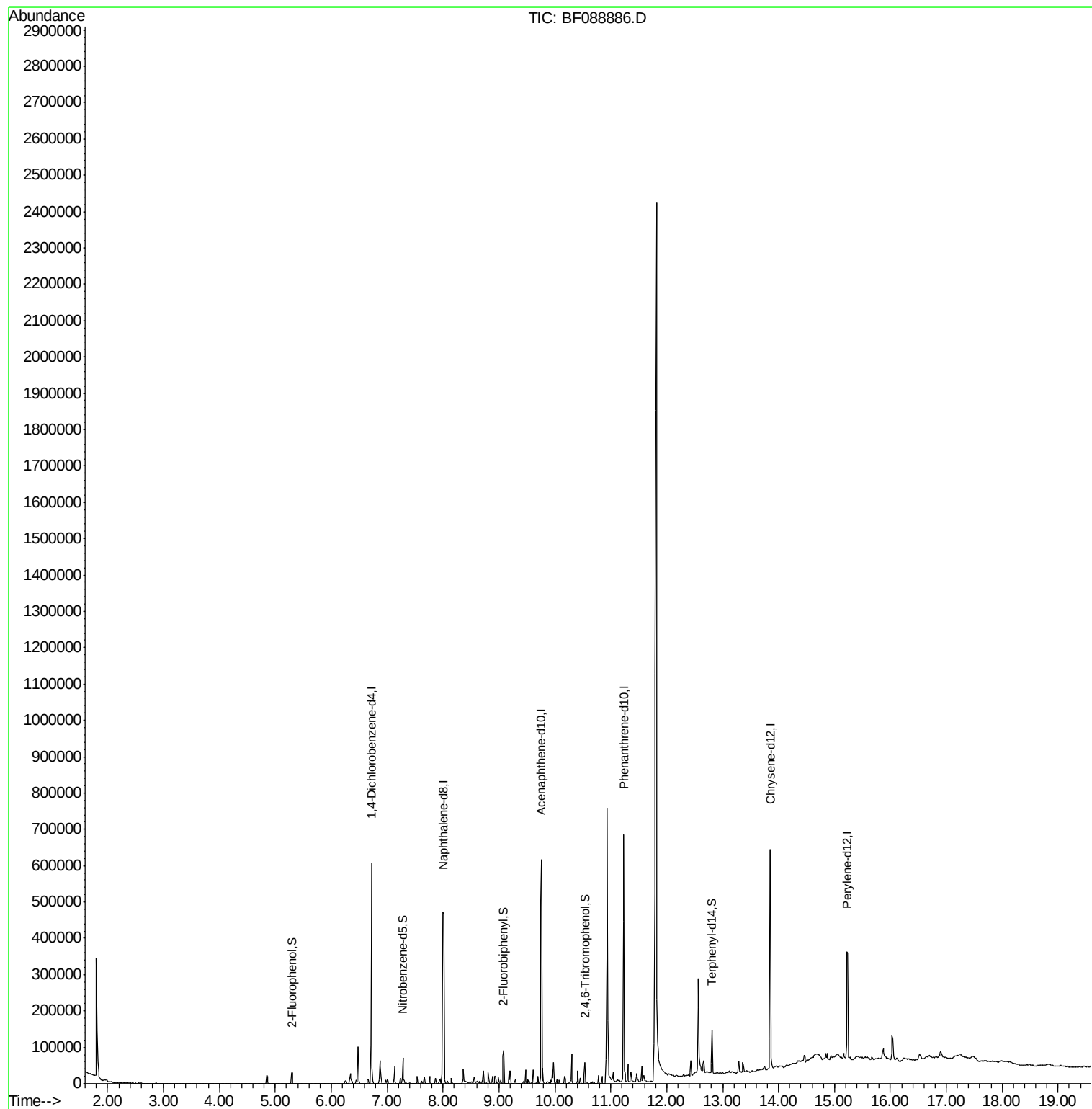
Target Compounds	Qvalue
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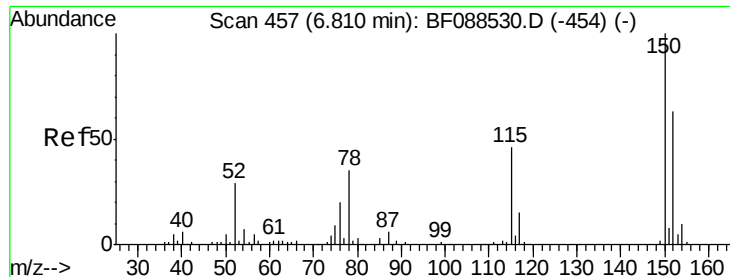
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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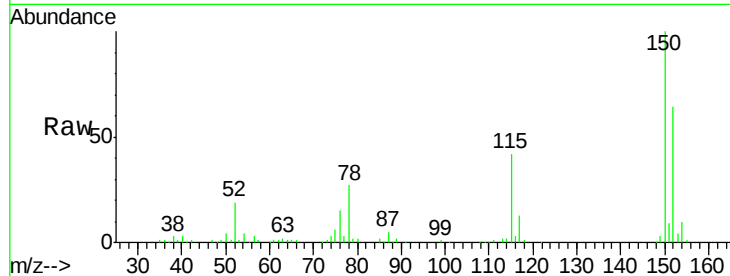


#1

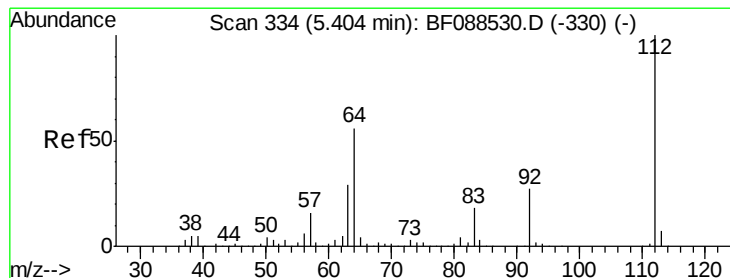
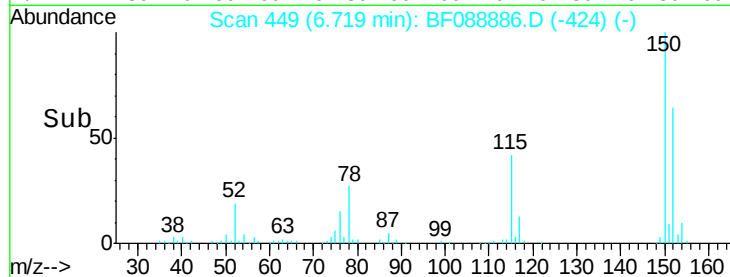
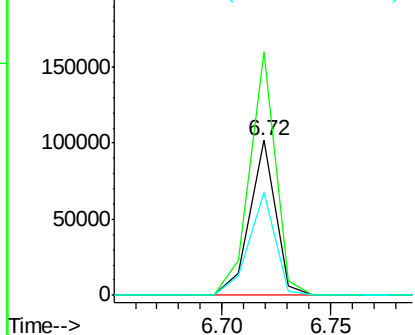
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tgt Ion:152 Resp: 83888
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 66.2 39.6 59.4#



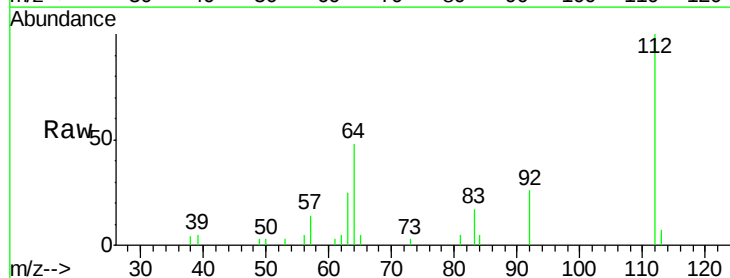
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



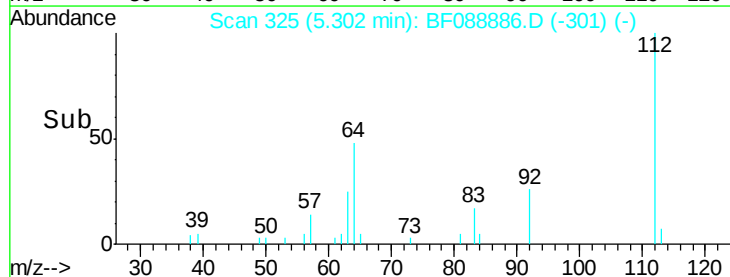
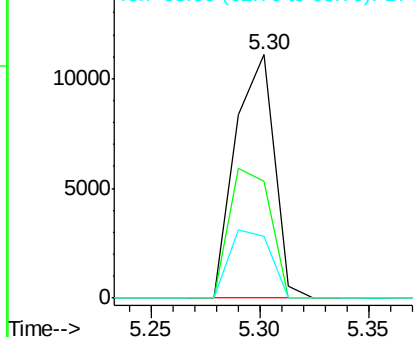
#5

2-Fluorophenol
Concen: 2.45 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:112 Resp: 13699
Ion Ratio Lower Upper
112 100
64 48.1 42.2 63.2
63 25.4 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: 1.64 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

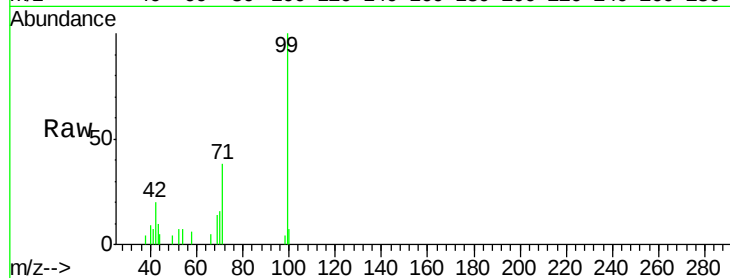
Tgt Ion: 99 Resp: 11842

Ion Ratio Lower Upper

99 100

42 19.6 12.2 18.2#

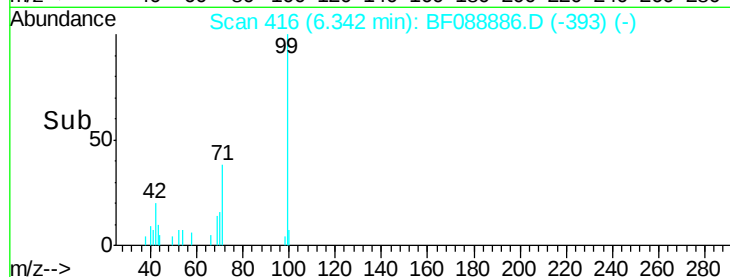
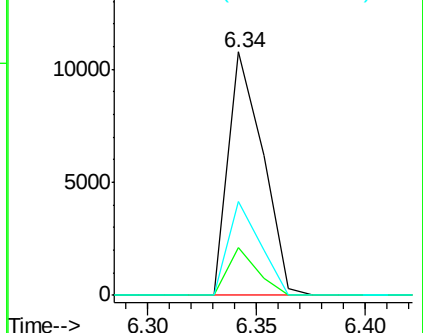
71 38.3 23.4 35.0#



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Tgt Ion: 136 Resp: 332839

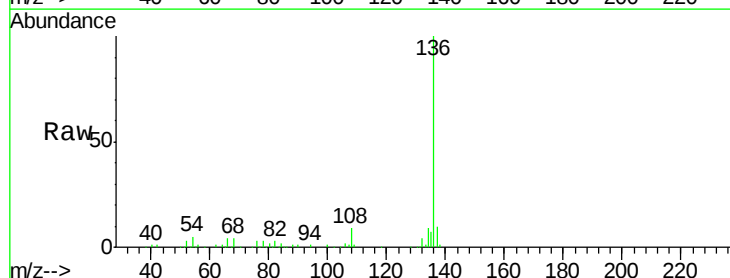
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.7 6.6 10.0#

68 4.0 5.1 7.7#

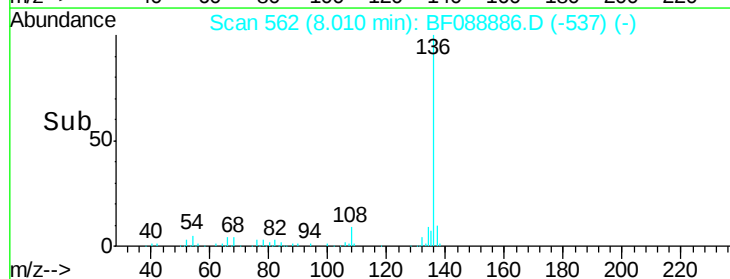
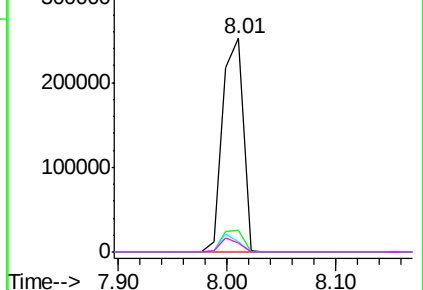


Abundance Ion 136.00 (135.70 to 136.70): E

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

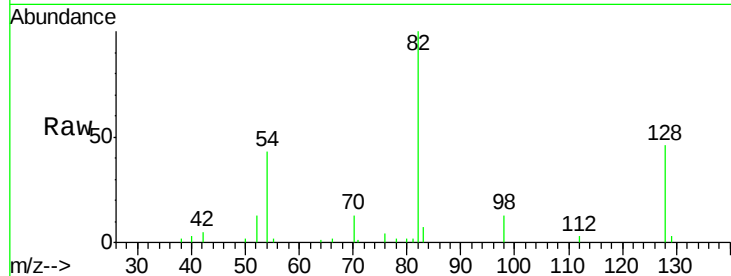




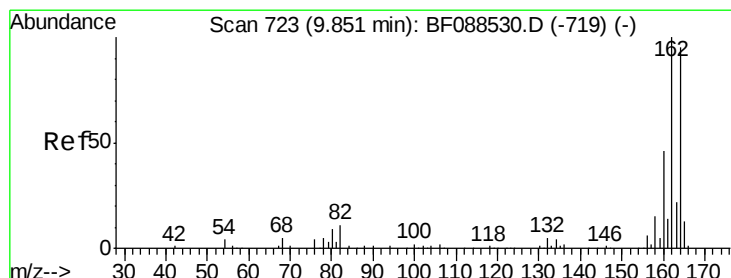
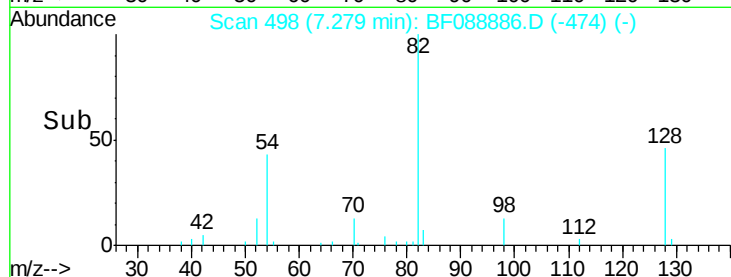
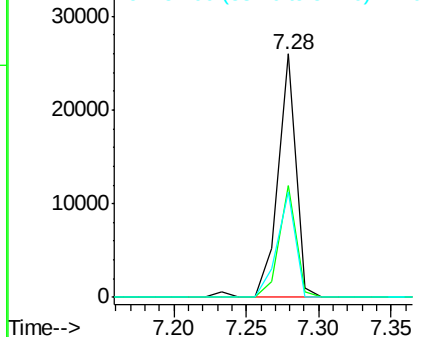
#23
 Nitrobenzene-d5
 Concen: 3.54 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tgt Ion: 82 Resp: 22477
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.9 53.9
 54 43.1 40.9 61.3

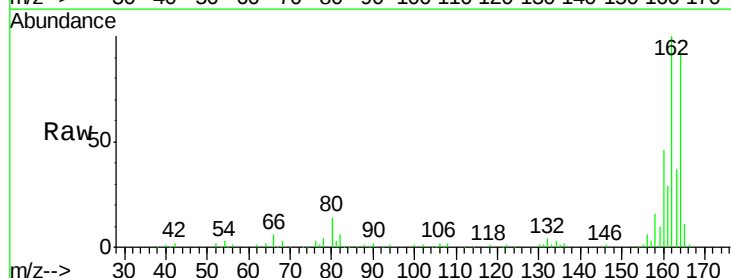


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

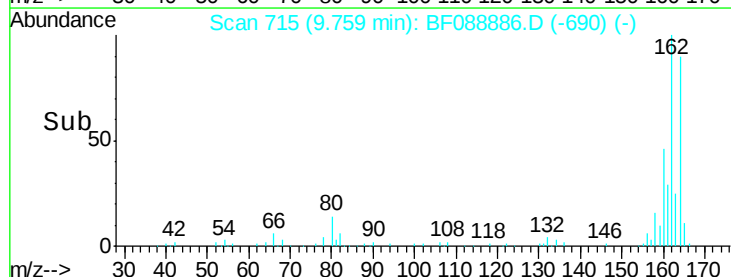
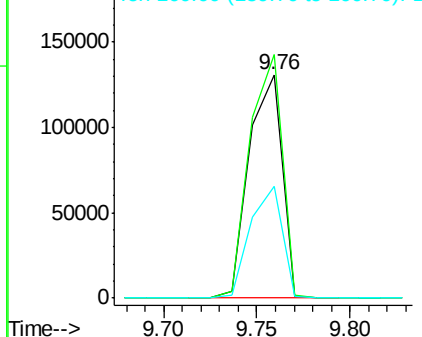


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion: 164 Resp: 162649
 Ion Ratio Lower Upper
 164 100
 162 108.8 85.4 128.2
 160 50.2 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

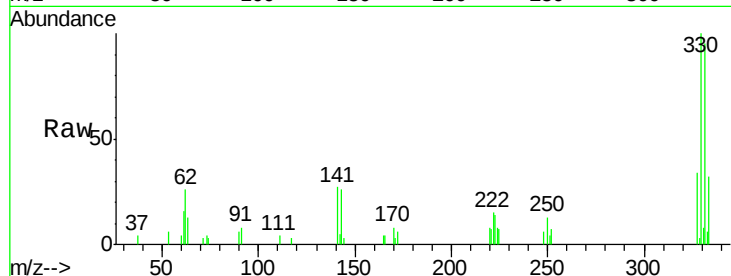




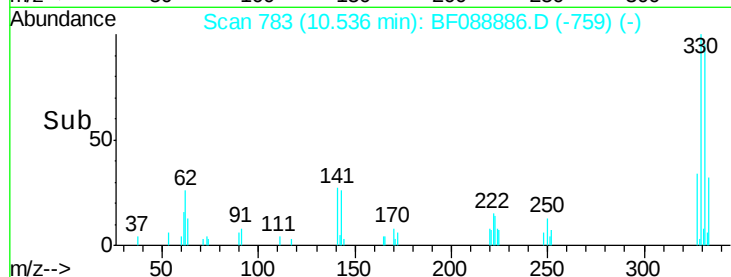
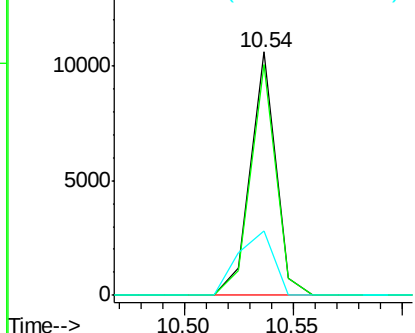
#41
 2,4,6-Tribromophenol
 Concen: 5.70 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tgt Ion: 330 Resp: 8611
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 37.2 0.0 0.0#

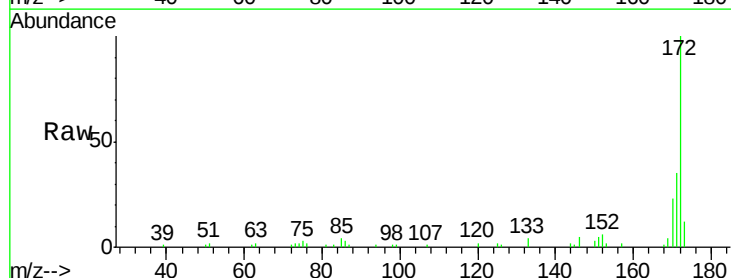


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

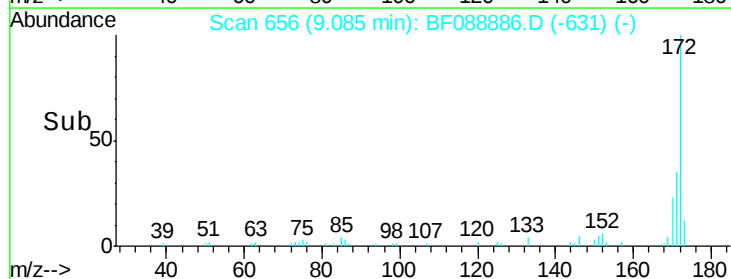
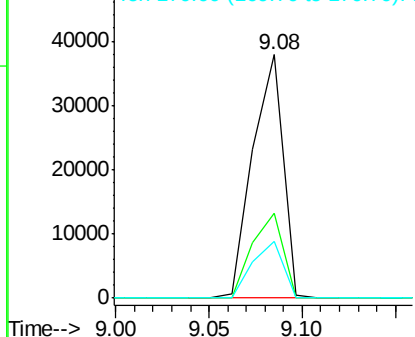


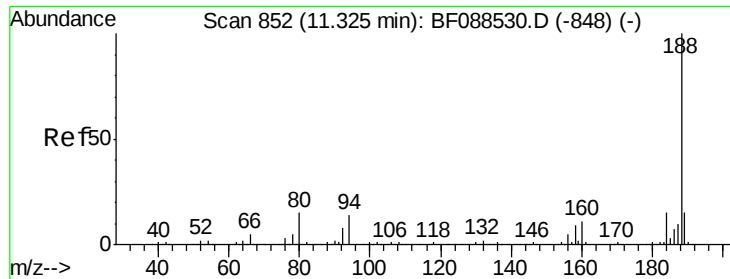
#44
 2-Fluorobiphenyl
 Concen: 4.15 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion: 172 Resp: 42688
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.2 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

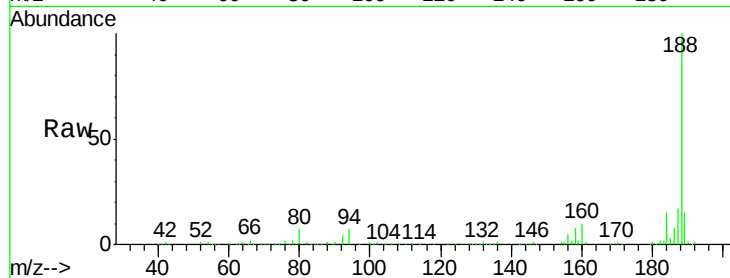




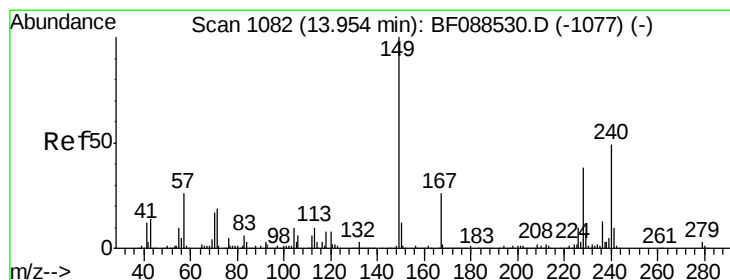
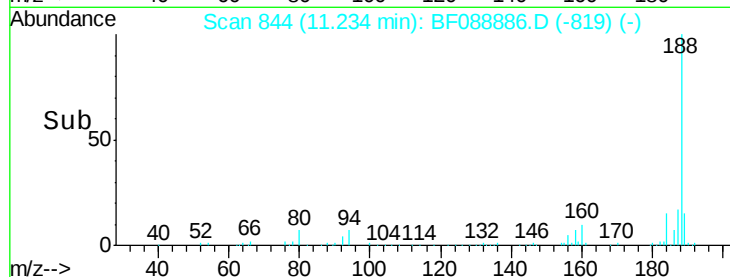
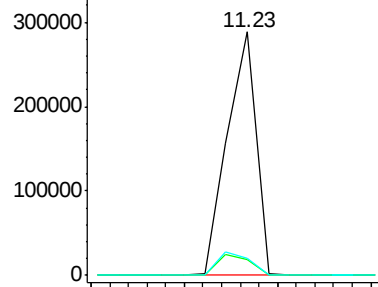
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tgt Ion:188 Resp: 308708
Ion Ratio Lower Upper
188 100
94 6.6 9.0 13.6#
80 6.9 10.0 15.0#

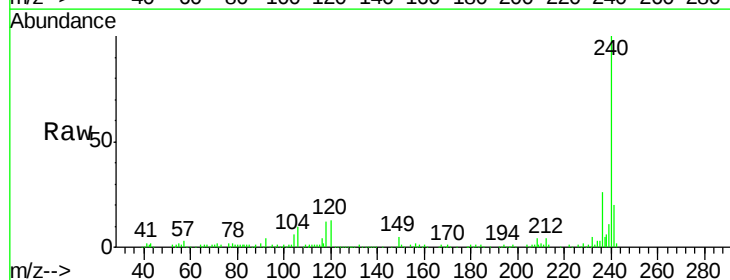


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

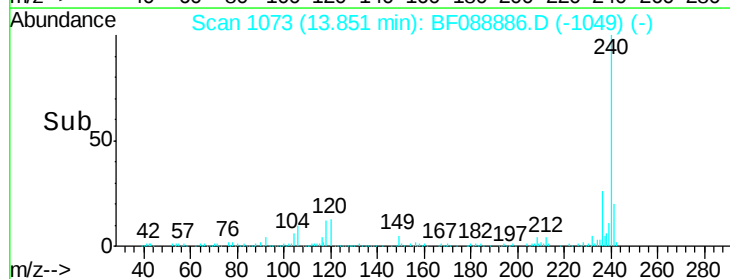
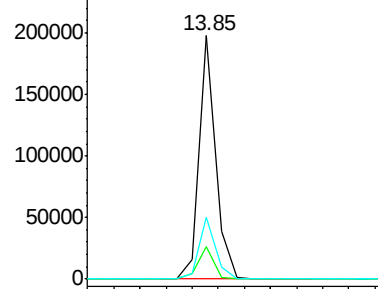


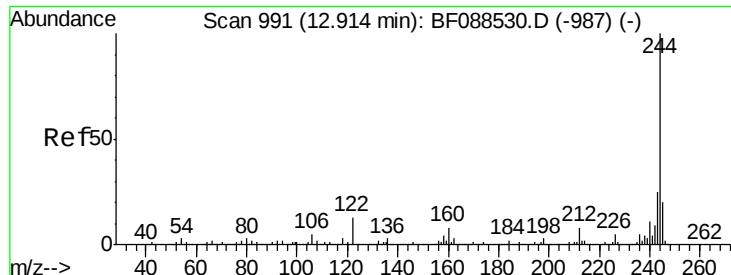
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:240 Resp: 175217
Ion Ratio Lower Upper
240 100
120 13.2 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

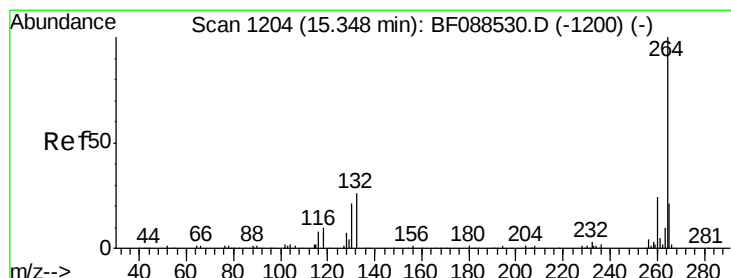
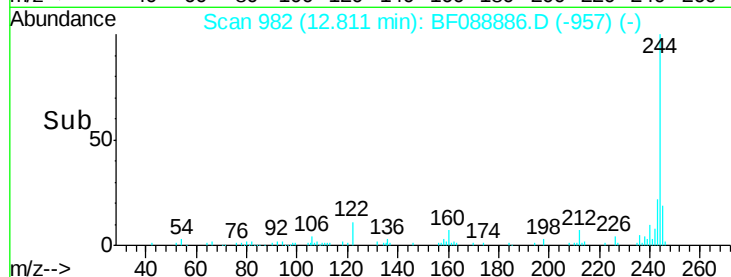
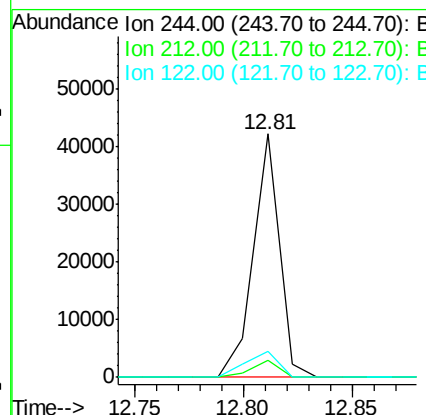
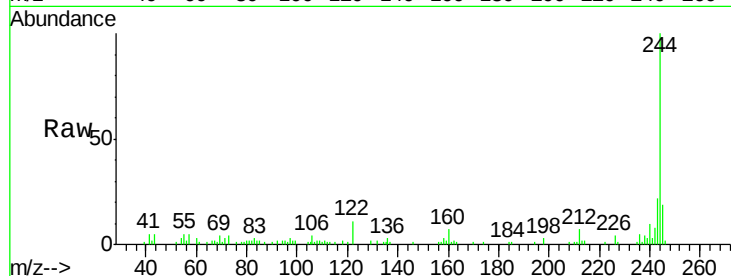




#78
 Terphenyl-d14
 Concen: 4.44 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tgt Ion:244 Resp: 34952
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion:264 Resp: 162217
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 16.9 25.3

