

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088892.D
 Acq On : 10 Jul 2016 1:53
 Operator : UM/SJ
 Sample : H3813-20MSD 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Quant Time: Jul 11 04:38:55 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	74517	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	282252	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	136134	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	267088	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	152679	20.00	ng	-0.02
86) Perylene-d12	15.22	264	141477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	213	0.04	ng	-0.15
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.28	82	11014	2.04	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	21563	2.50	ng	-0.02
78) Terphenyl-d14	12.81	244	19247	2.81	ng	-0.01

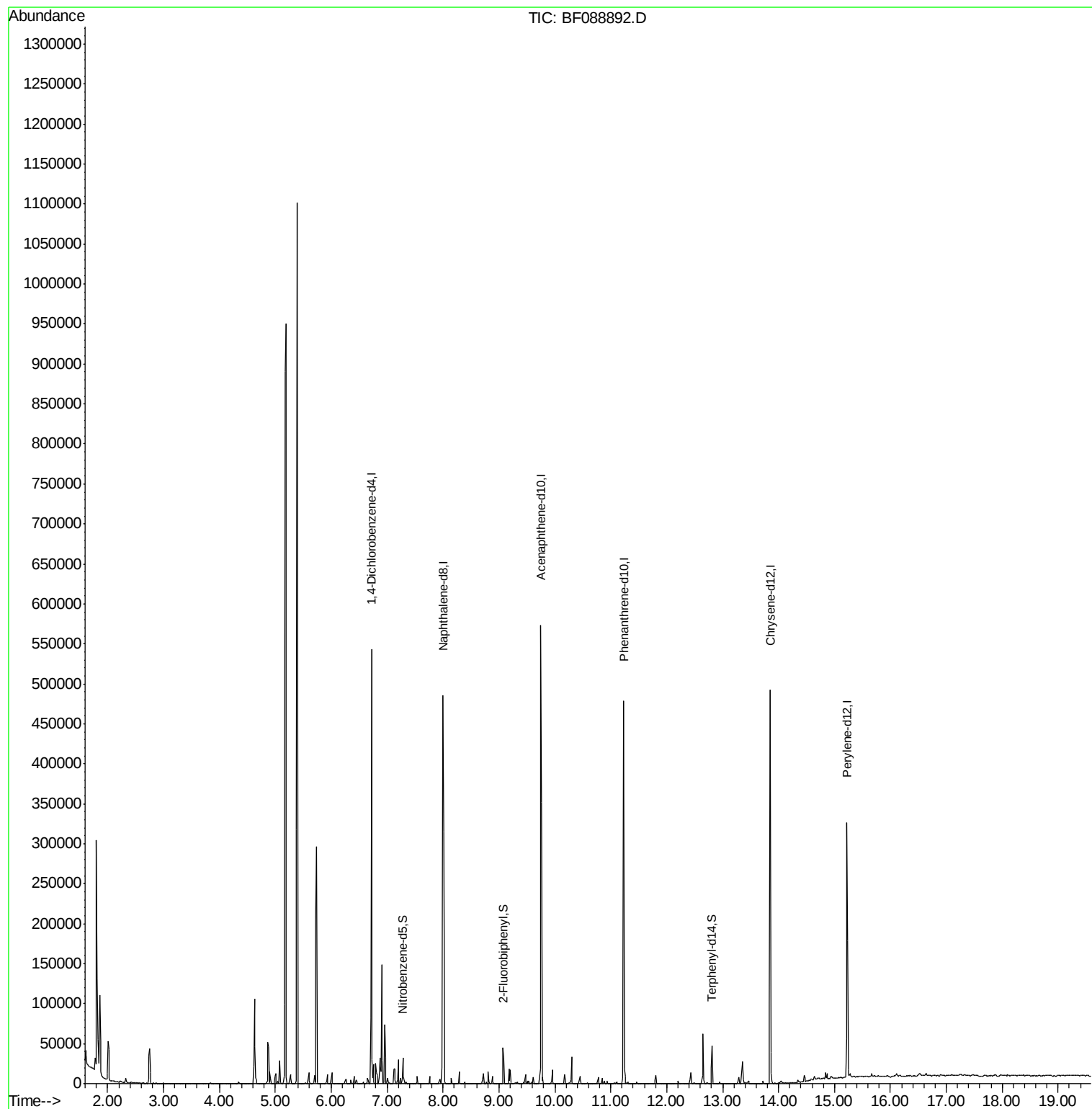
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
Data File : BF088892.D
Acq On : 10 Jul 2016 1:53
Operator : UM/SJ
Sample : H3813-20MSD 50X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Quant Time: Jul 11 04:38:55 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

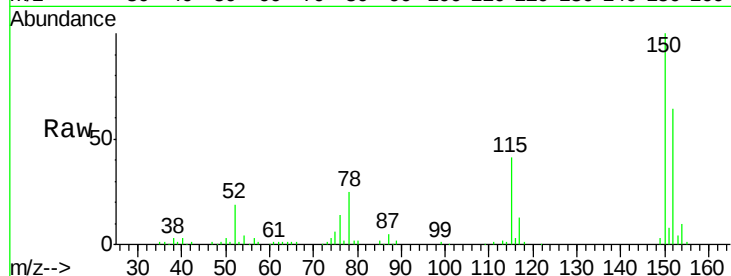




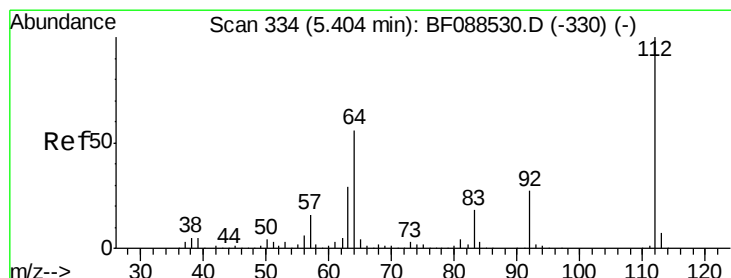
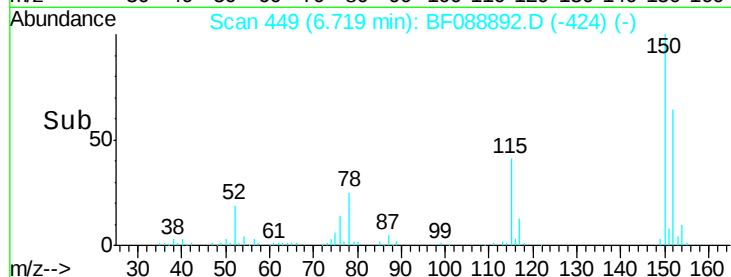
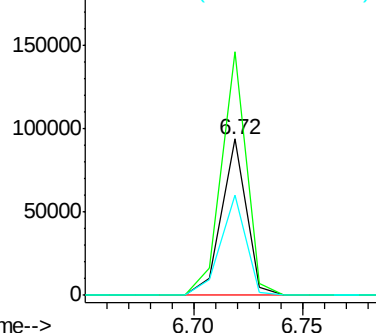
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tgt Ion:152 Resp: 74517
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.8 185.6
 115 63.8 39.6 59.4#

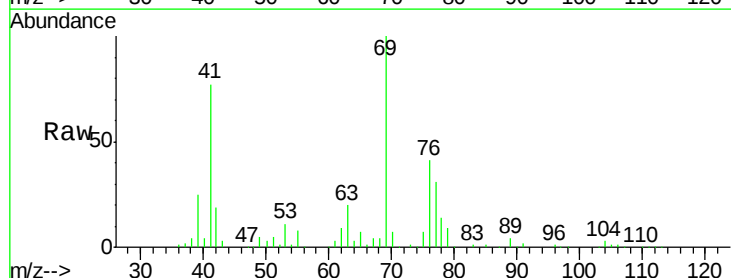


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

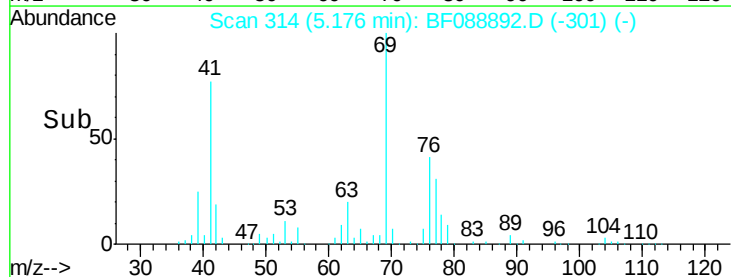
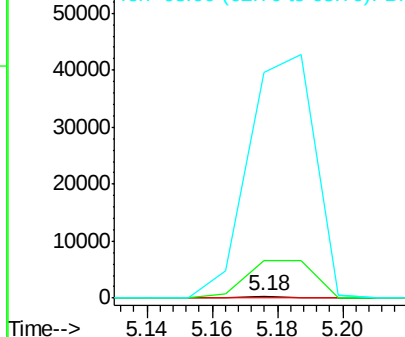


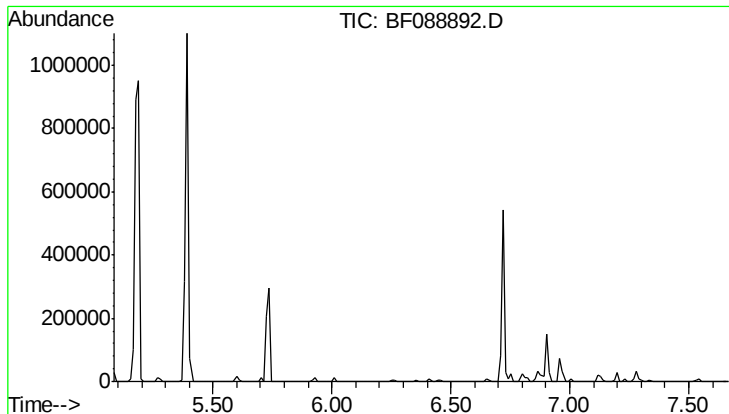
#5
 2-Fluorophenol
 Concen: 0.04 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.15 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion:112 Resp: 213
 Ion Ratio Lower Upper
 112 100
 64 2083.0 42.2 63.2#
 63 12746.0 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: 0.00 ng

Expected RT: 6.38 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

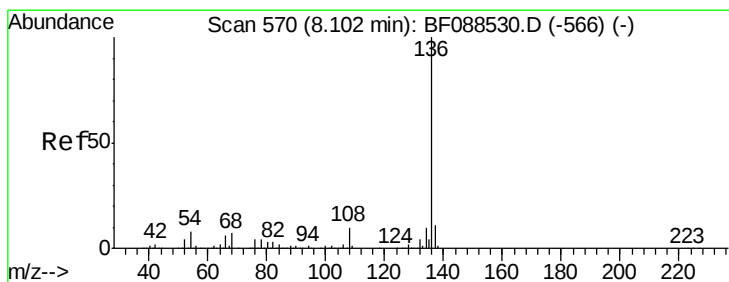
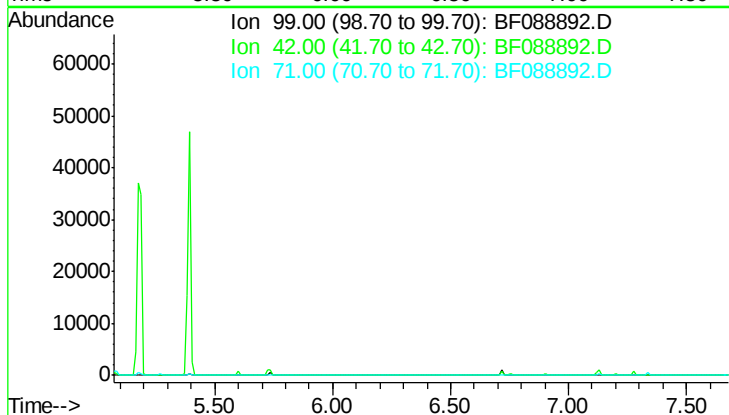
Tgt Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

Tgt Ion: 136 Resp: 282252

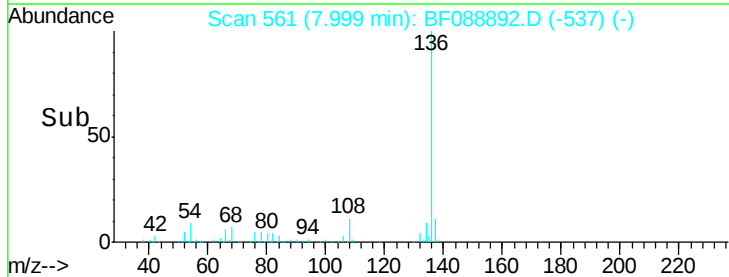
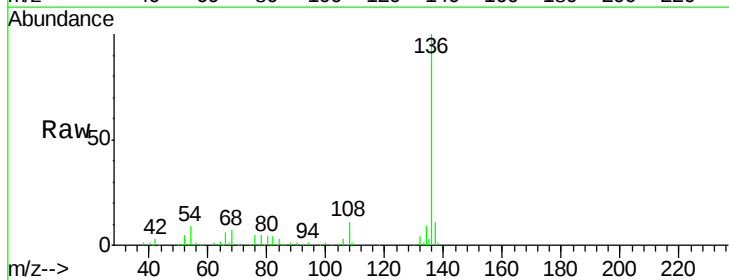
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.4 6.6 10.0

68 7.3 5.1 7.7

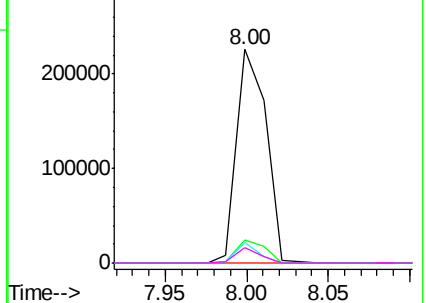


Abundance Ion 136.00 (135.70 to 136.70): E

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

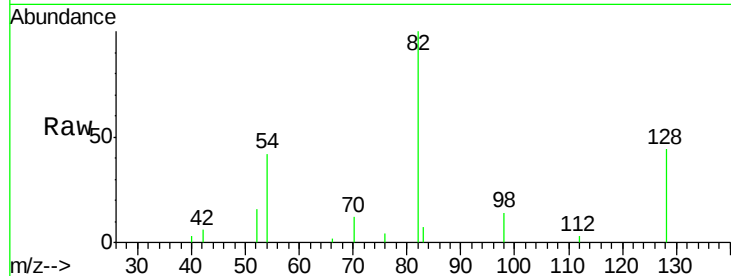




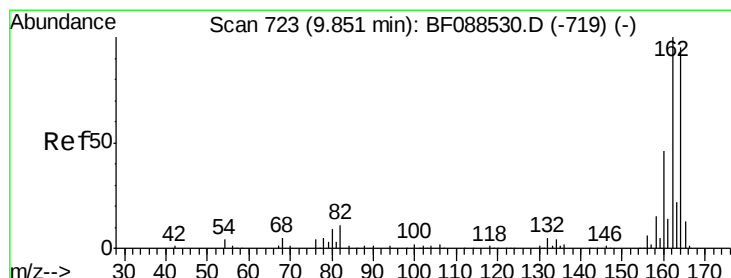
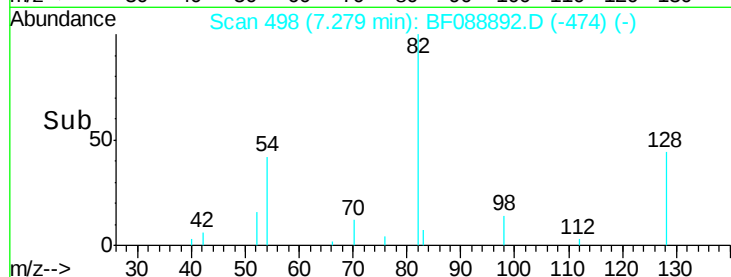
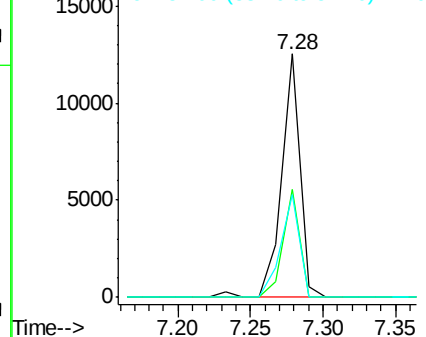
#23
 Nitrobenzene-d5
 Concen: 2.04 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tgt Ion: 82 Resp: 11014
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.9 53.9
 54 42.3 40.9 61.3

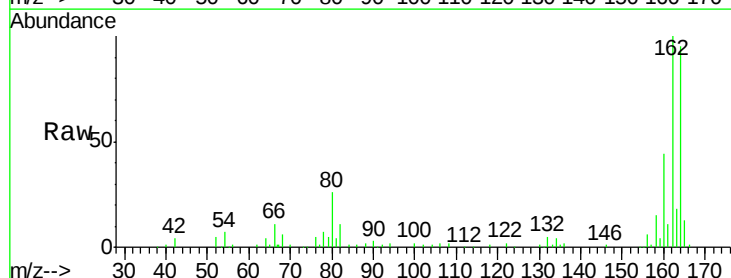


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

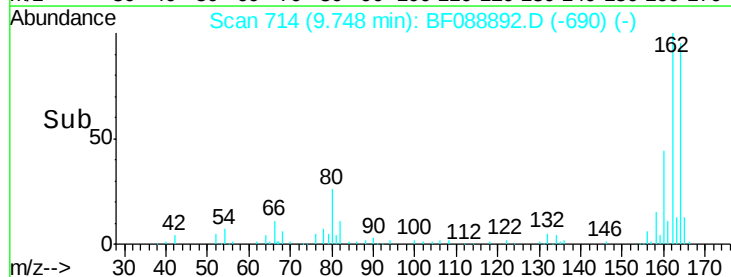
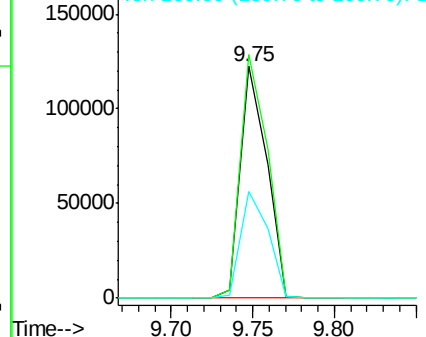


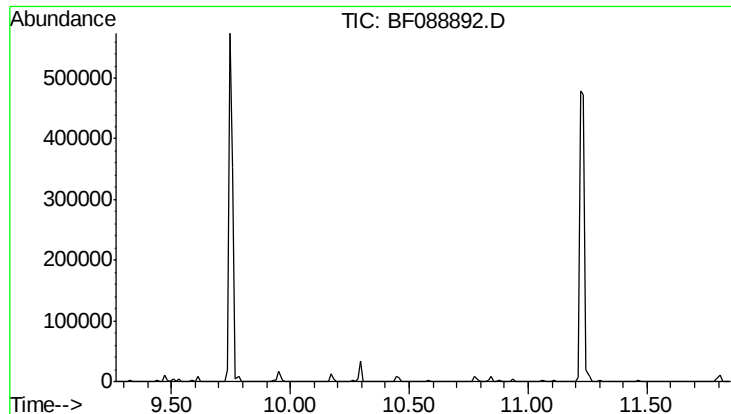
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion: 164 Resp: 136134
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.4 128.2
 160 46.1 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

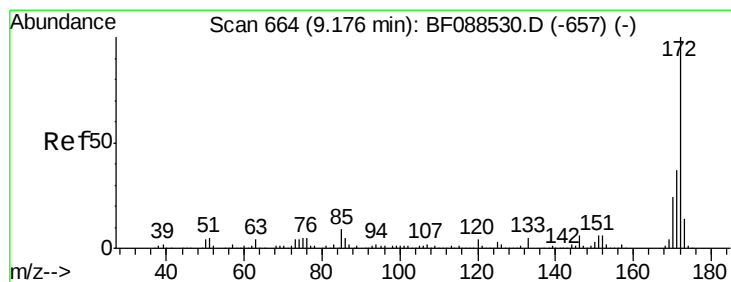
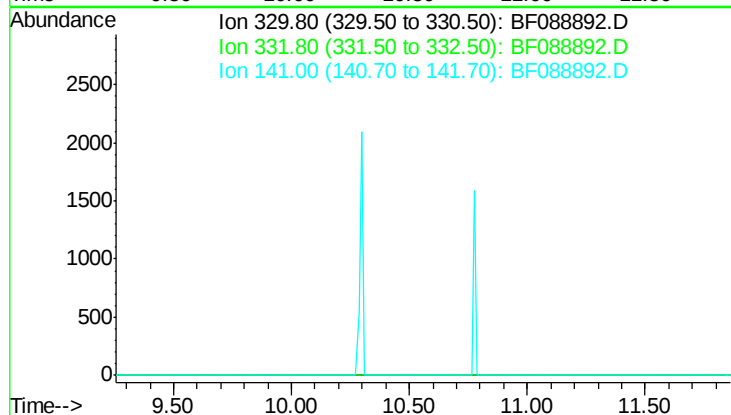




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

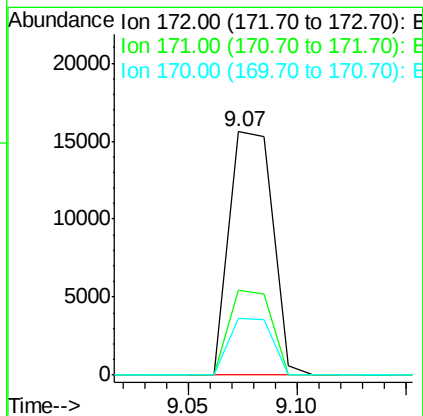
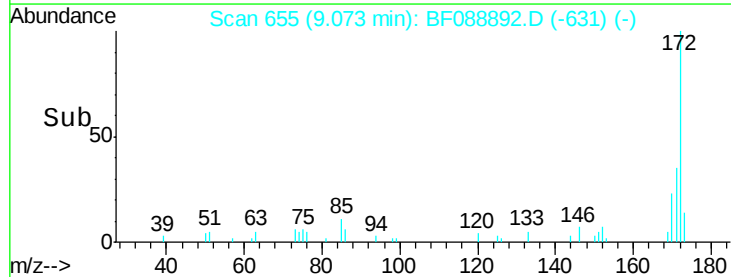
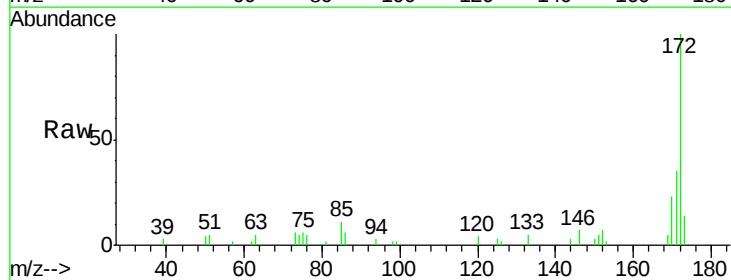
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

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



#44
 2-Fluorobiphenyl
 Concen: 2.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion: 172 Resp: 21563
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.5 19.2 28.8

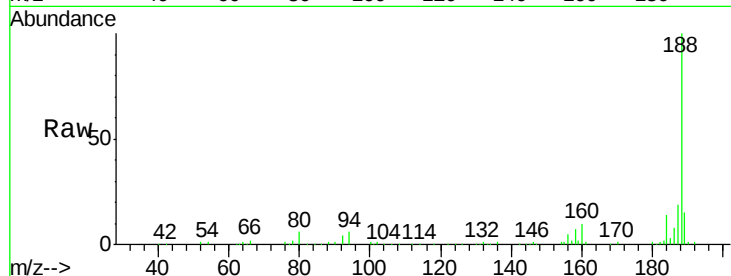




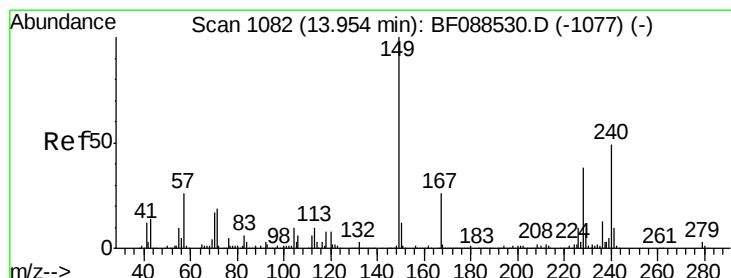
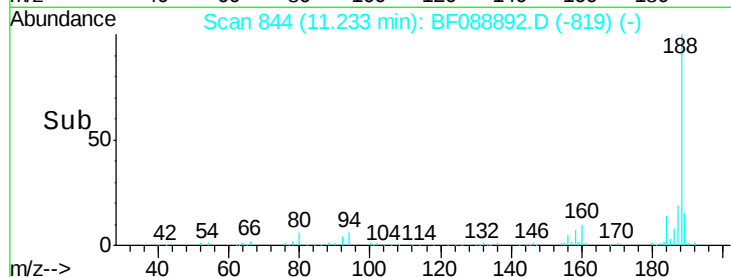
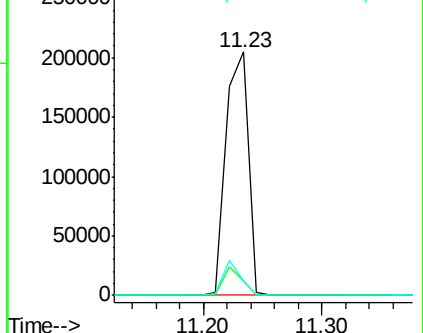
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tgt Ion:188 Resp: 267088
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.6#
80 6.1 10.0 15.0#

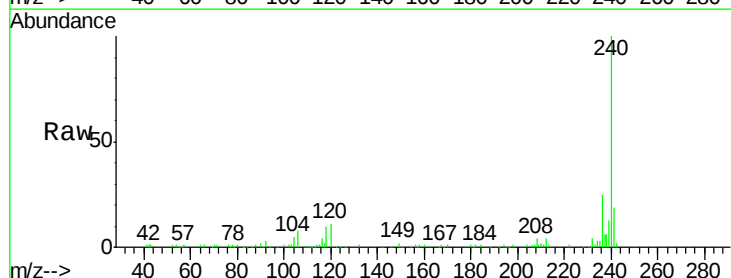


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

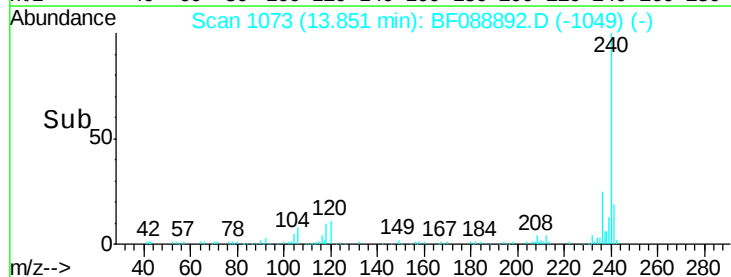
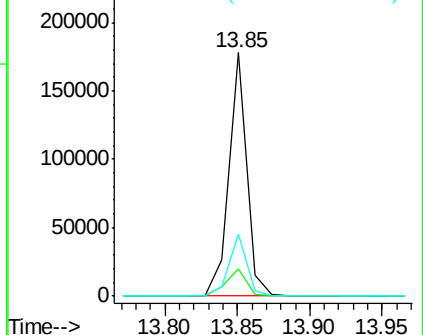


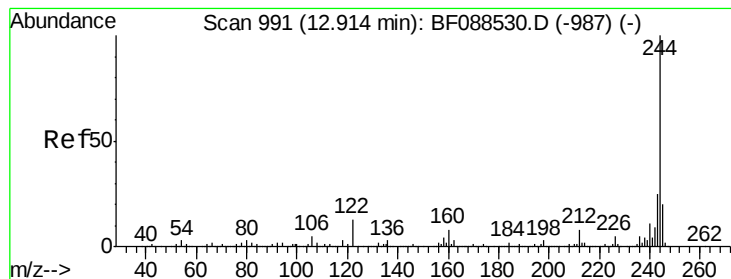
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Tgt Ion:240 Resp: 152679
Ion Ratio Lower Upper
240 100
120 11.1 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: 2.81 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

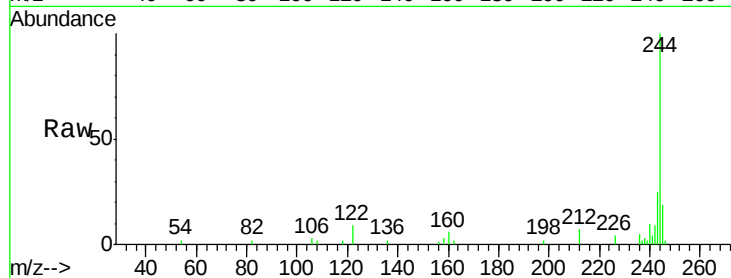
Tgt Ion:244 Resp: 19247

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

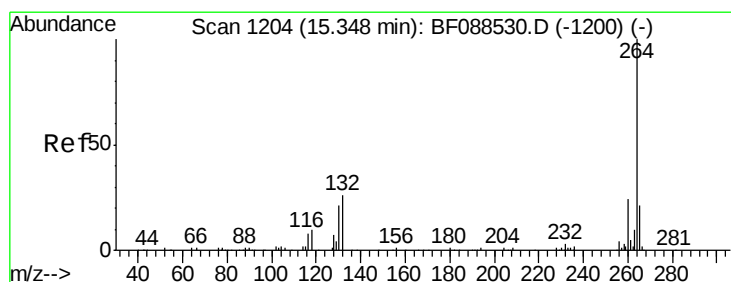
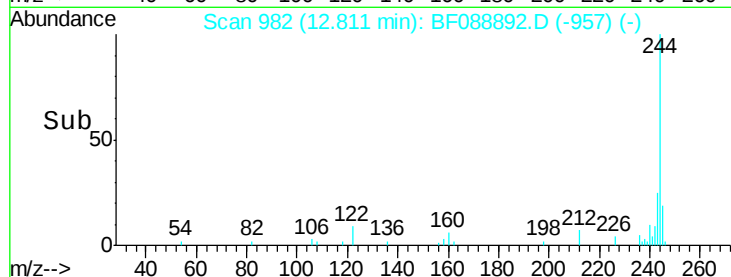
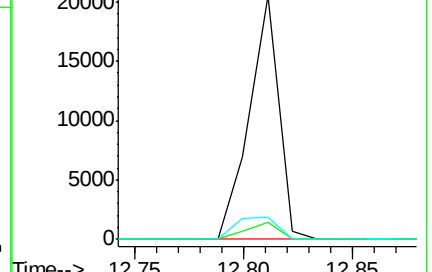
122 8.9 11.2 16.8#



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: 15.22 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

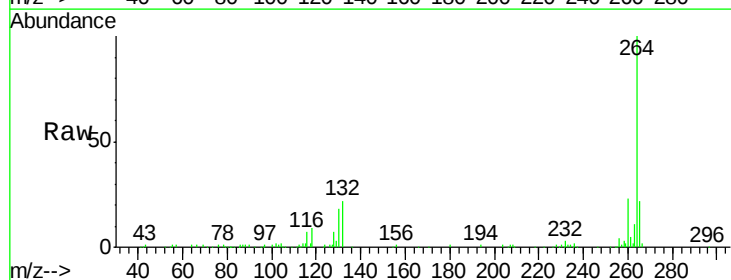
Tgt Ion:264 Resp: 141477

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 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

