

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088891.D
 Acq On : 10 Jul 2016 1:24
 Operator : UM/SJ
 Sample : H3813-19MS 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Quant Time: Jul 11 04:38:44 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	71849	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	277453	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130087	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	257903	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	153409	20.00	ng	-0.02
86) Perylene-d12	15.22	264	142512	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	209	0.04	ng	-0.14
7) Phenol-d6	6.35	99	233	0.04	ng	-0.02
23) Nitrobenzene-d5	7.28	82	11100	2.10	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	22415	2.72	ng	-0.02
78) Terphenyl-d14	12.81	244	22139	3.21	ng	-0.01

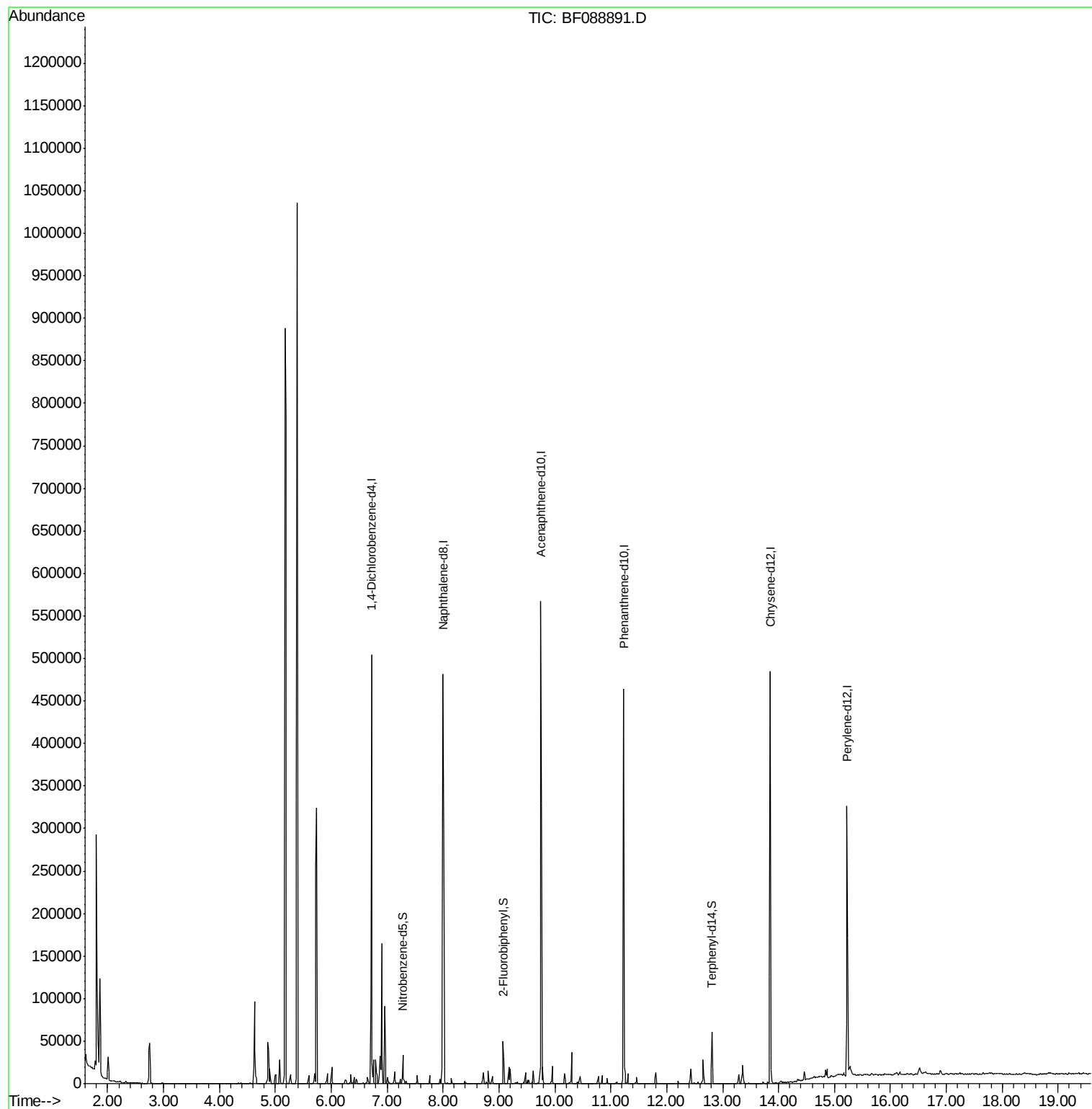
Target Compounds	Qvalue
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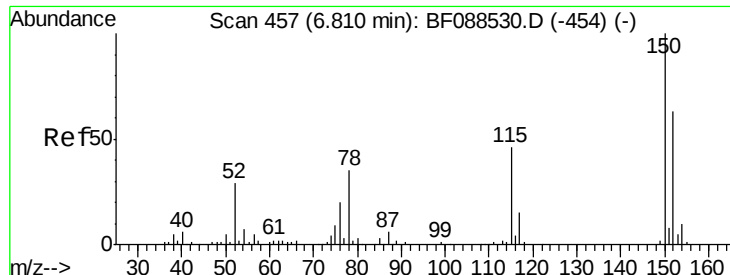
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088891.D

Acq: 10 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MS

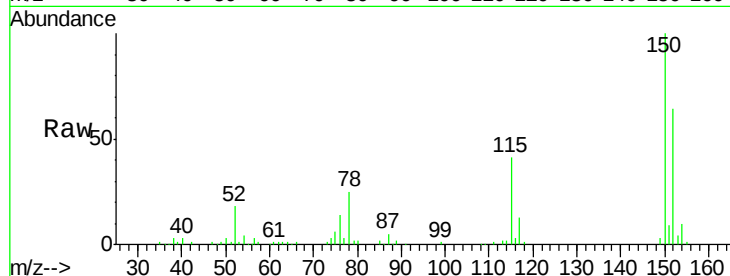
Tgt Ion:152 Resp: 71849

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

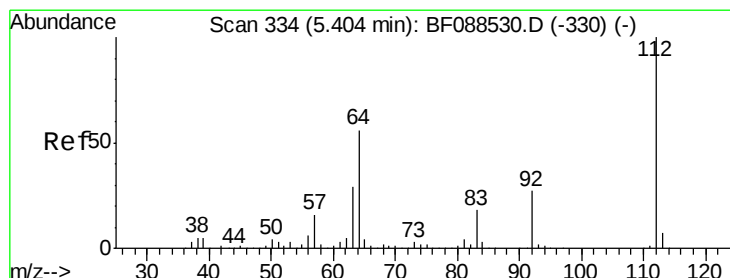
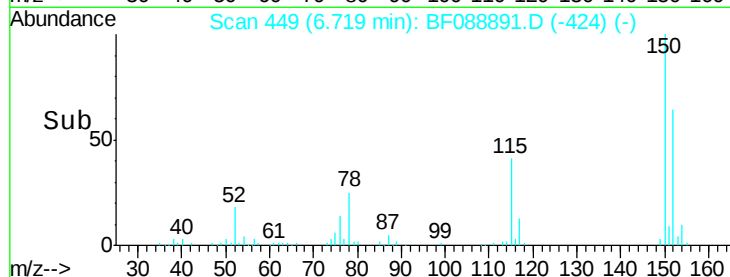
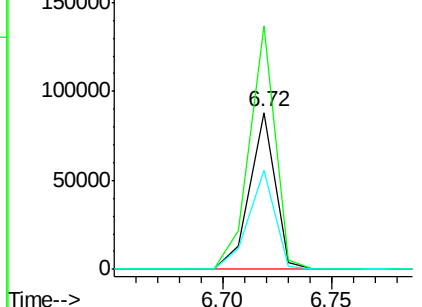
115 63.6 39.6 59.4#



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: 5.19 min Scan# 315

Delta R.T. -0.14 min

Lab File: BF088891.D

Acq: 10 Jul 2016 1:24

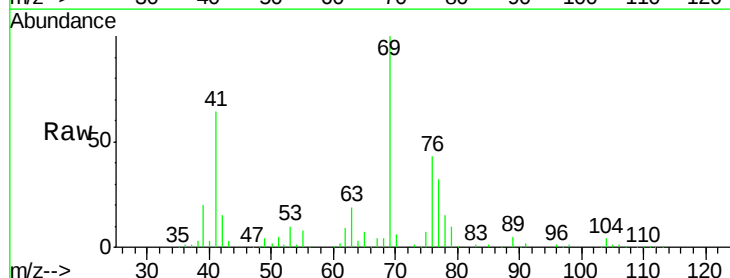
Tgt Ion:112 Resp: 209

Ion Ratio Lower Upper

112 100

64 1854.4 42.2 63.2#

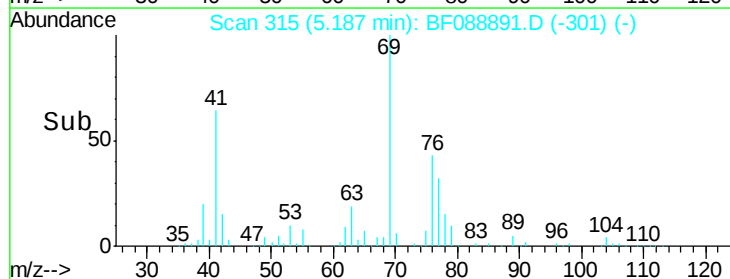
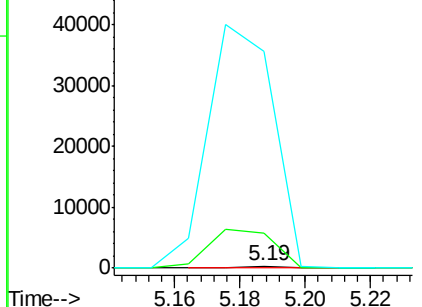
63 11708.9 21.8 32.8#



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: 0.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088891.D

Acq: 10 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MS

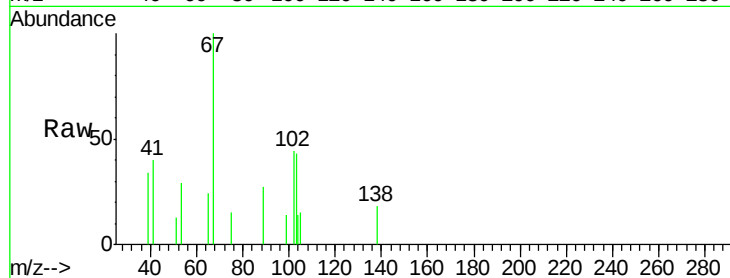
Tgt Ion: 99 Resp: 233

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

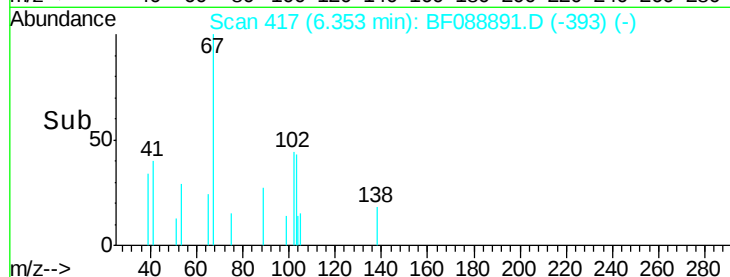
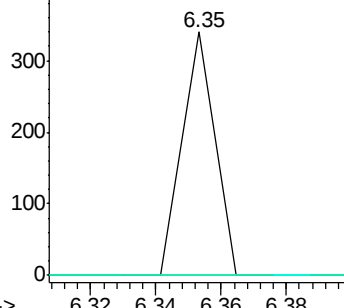
71 0.0 23.4 35.0#



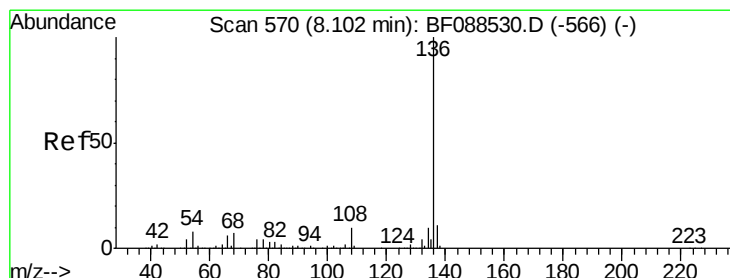
Abundance Ion 99.00 (98.70 to 99.70): BF0

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. -0.02 min

Lab File: BF088891.D

Acq: 10 Jul 2016 1:24

Tgt Ion: 136 Resp: 277453

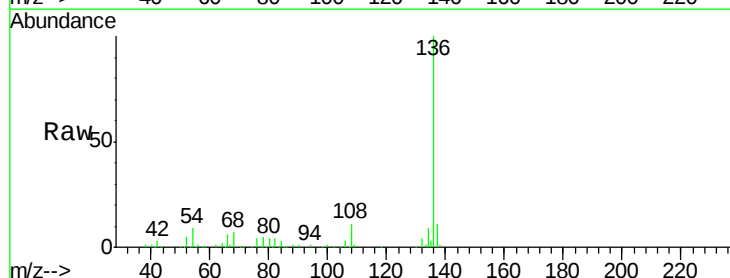
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7

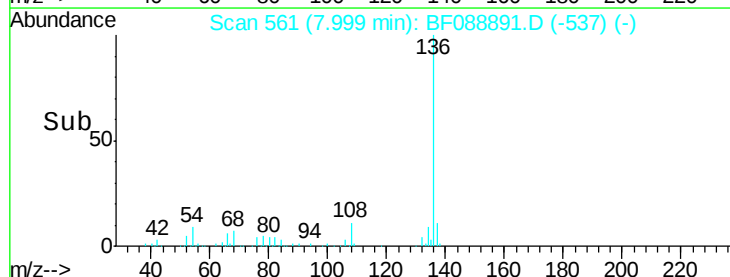
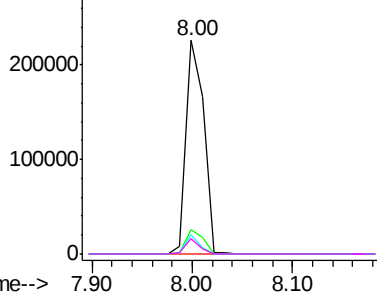


Abundance Ion 136.00 (135.70 to 136.70): E

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



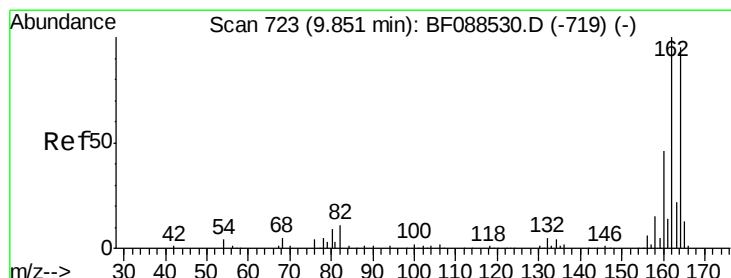
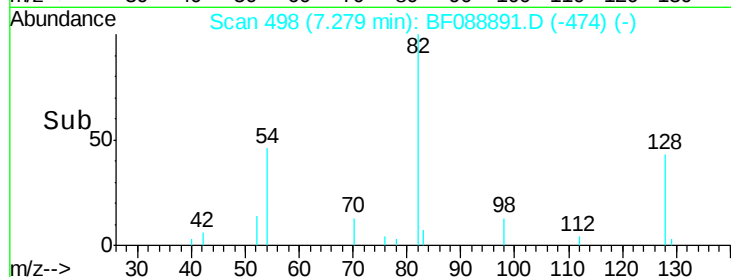
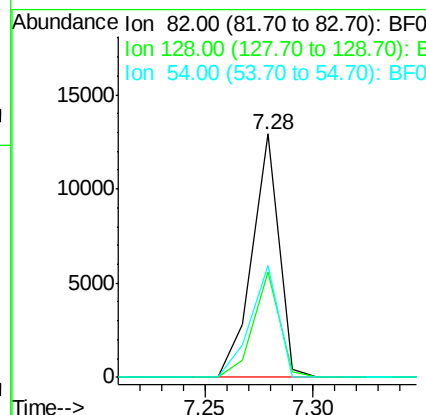
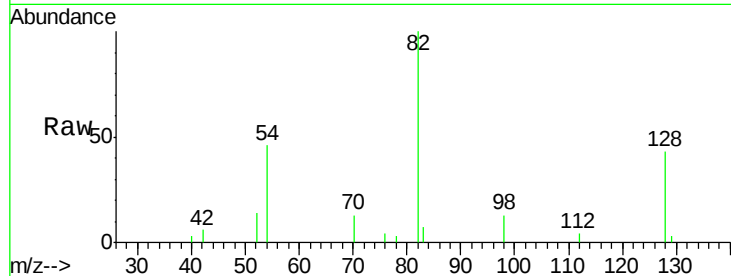
Time-->



#23
 Nitrobenzene-d5
 Concen: 2.10 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

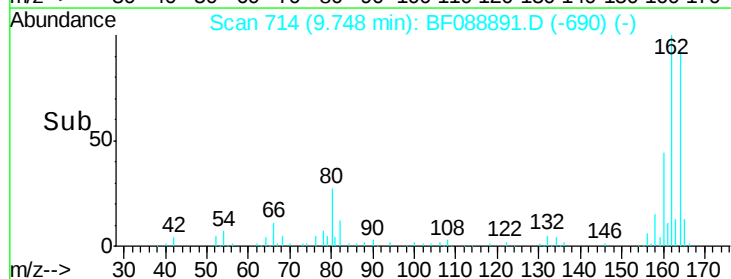
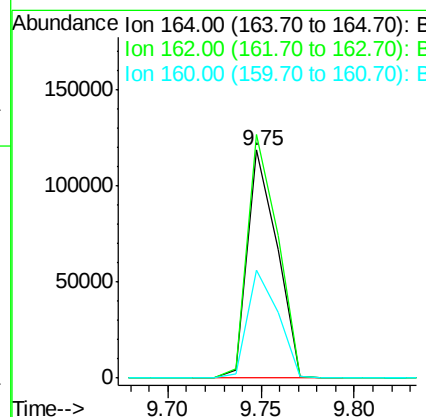
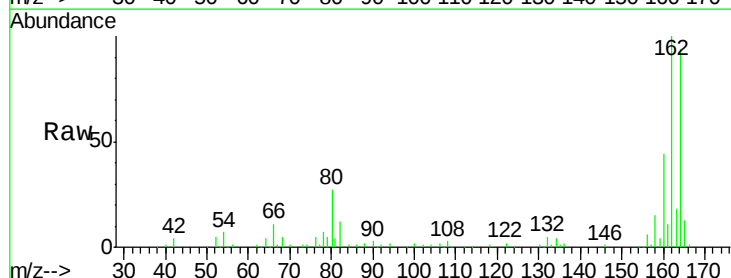
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

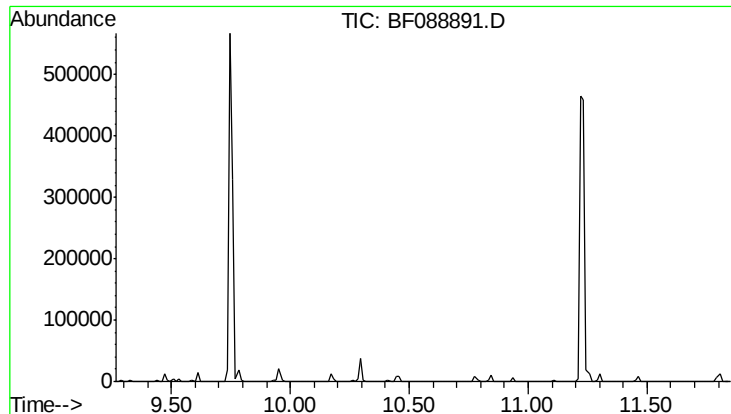
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	45.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.2
160	47.2	39.5	59.3

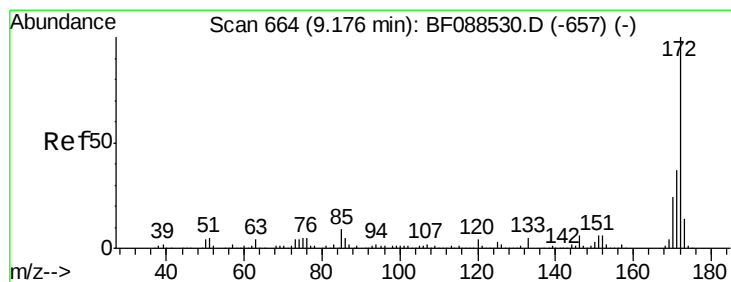
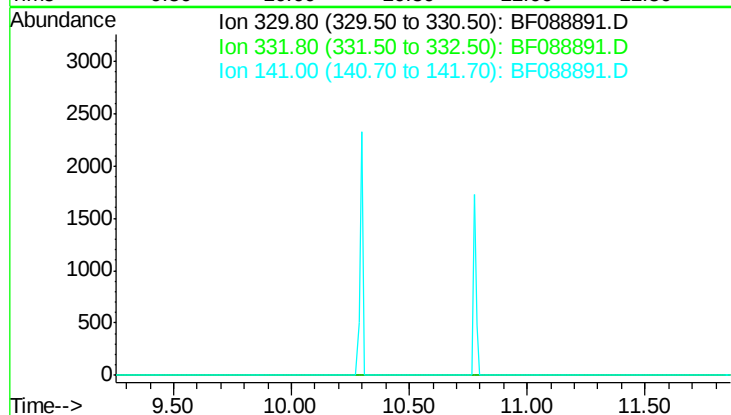




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

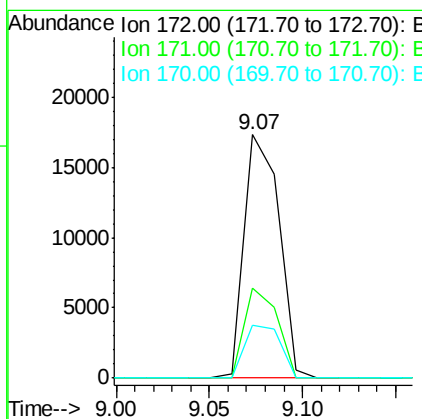
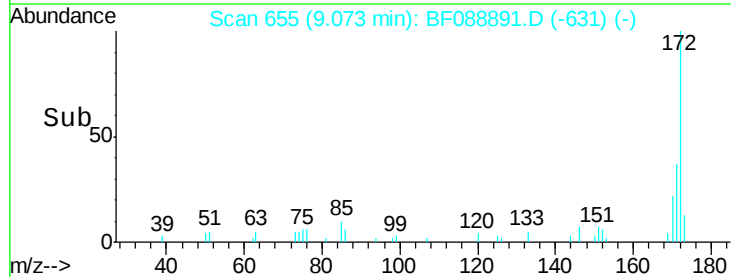
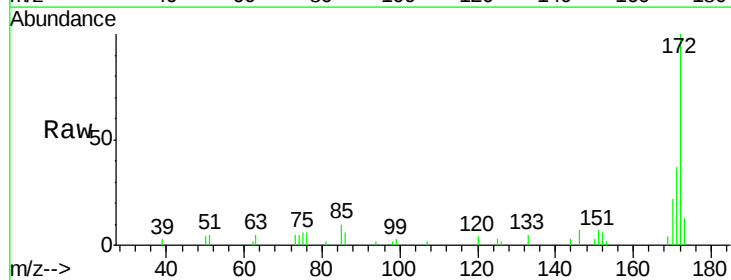
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

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



#44
 2-Fluorobiphenyl
 Concen: 2.72 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion: 172 Resp: 22415
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 21.8 19.2 28.8

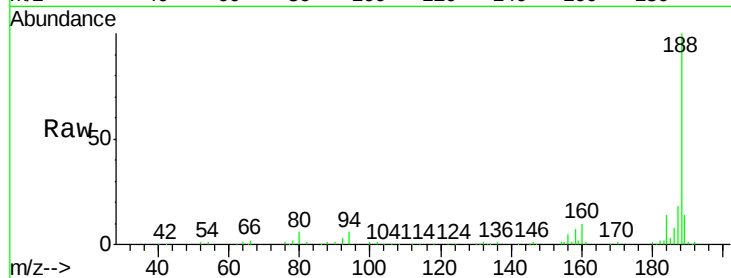




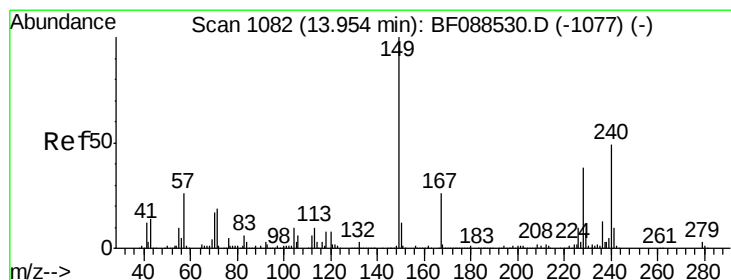
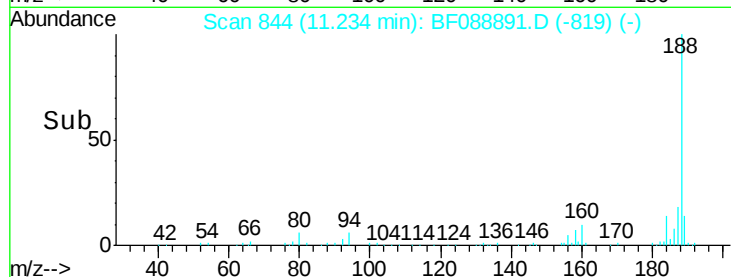
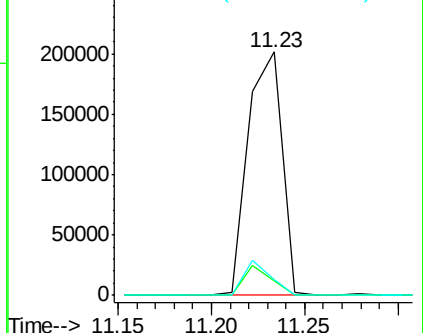
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088891.D
Acq: 10 Jul 2016 1:24

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MS

Tgt Ion:188 Resp: 257903
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.6#
80 6.3 10.0 15.0#

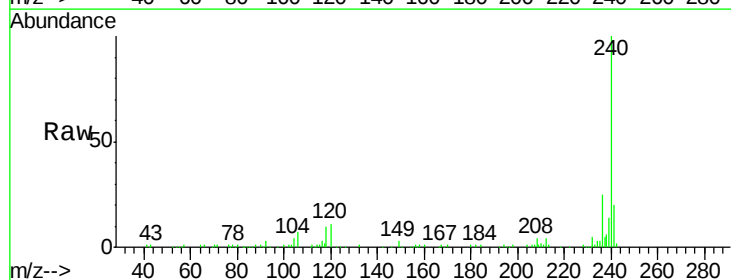


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

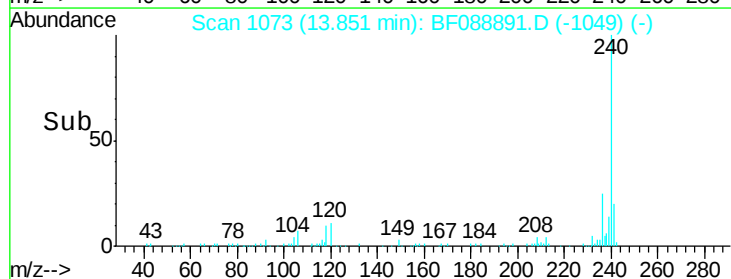
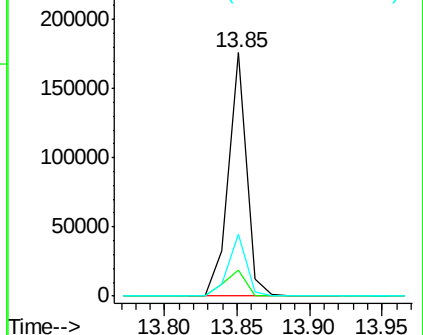


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088891.D
Acq: 10 Jul 2016 1:24

Tgt Ion:240 Resp: 153409
Ion Ratio Lower Upper
240 100
120 10.7 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

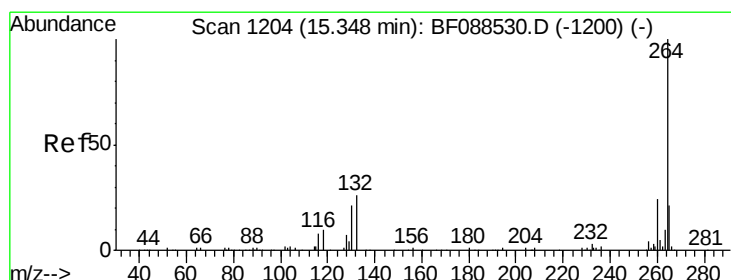
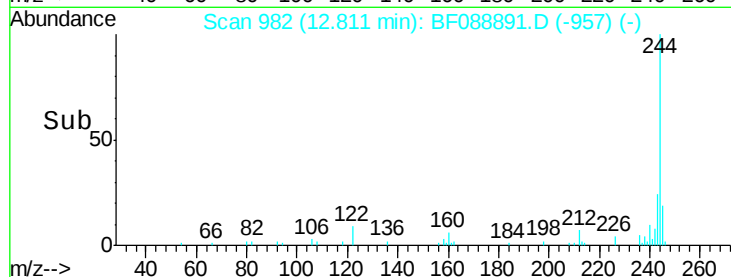
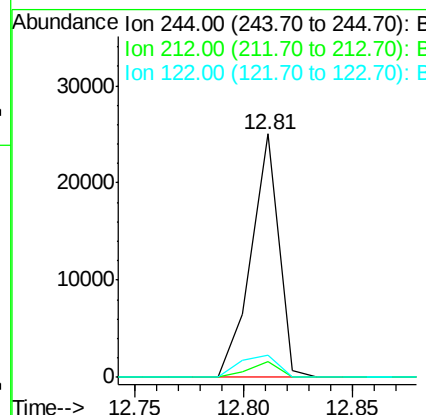
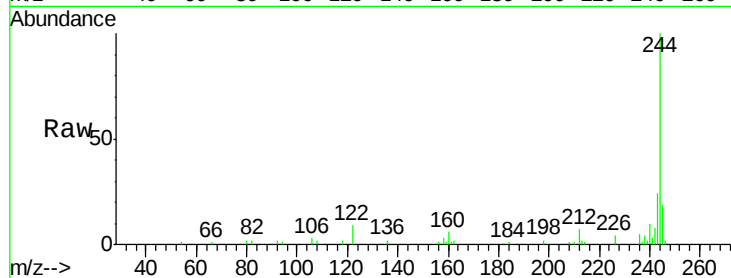




#78
 Terphenyl-d14
 Concen: 3.21 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Tgt Ion: 244 Resp: 22139
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 9.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion: 264 Resp: 142512
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 16.9 25.3

