

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
 Data File : BF088904.D
 Acq On : 11 Jul 2016 17:29
 Operator : UM/SJ
 Sample : H3813-20MSD 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Quant Time: Jul 12 02:03:22 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	85301	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	365507	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160473	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274406	20.00	ng	0.00
75) Chrysene-d12	13.84	240	177673	20.00	ng	-0.01
86) Perylene-d12	15.21	264	155744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	209	0.04	ng	0.10
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.27	82	13591	1.95	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	27575	2.71	ng	0.00
78) Terphenyl-d14	12.80	244	22910	2.87	ng	0.00

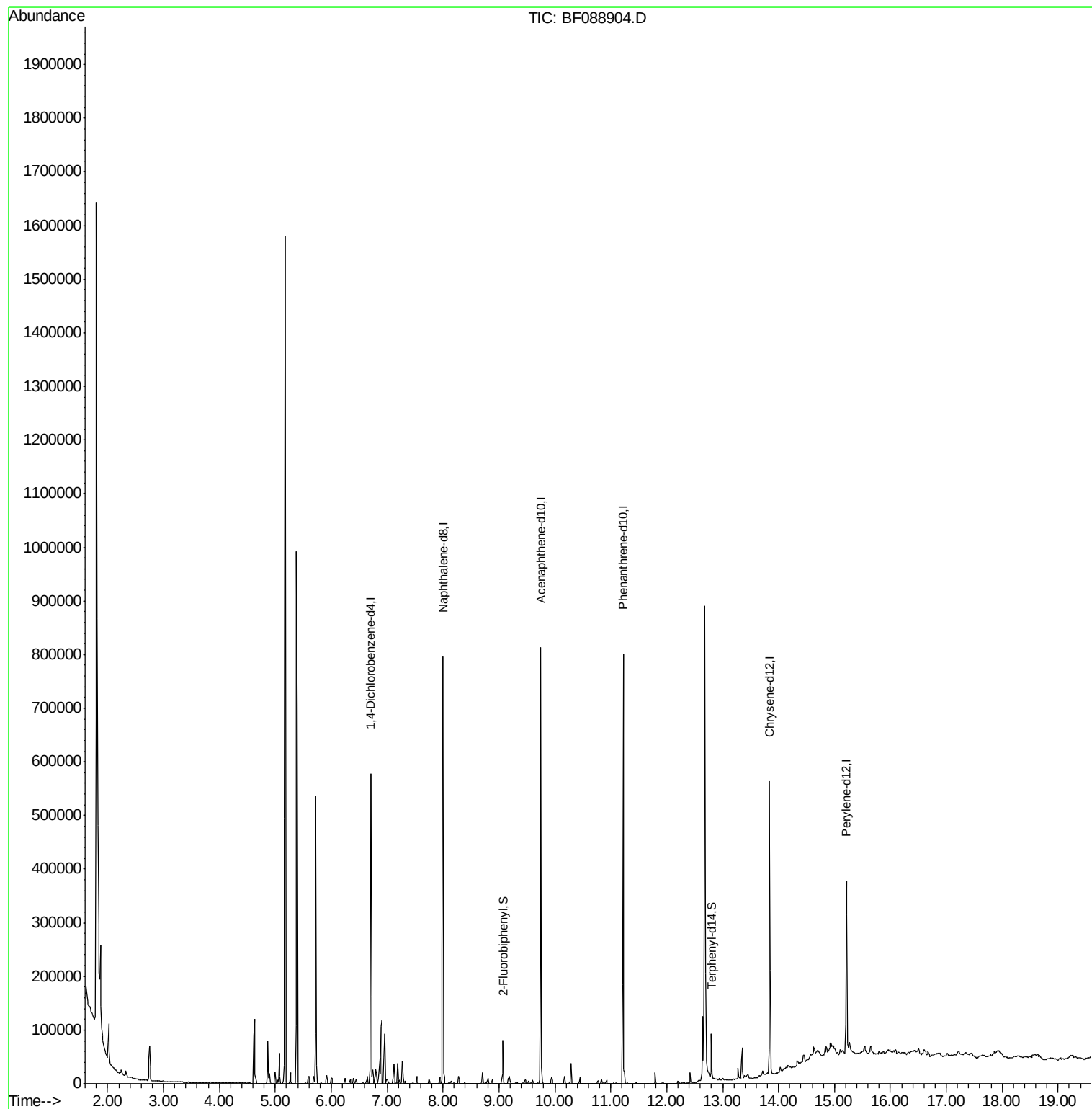
Target Compounds	Qvalue
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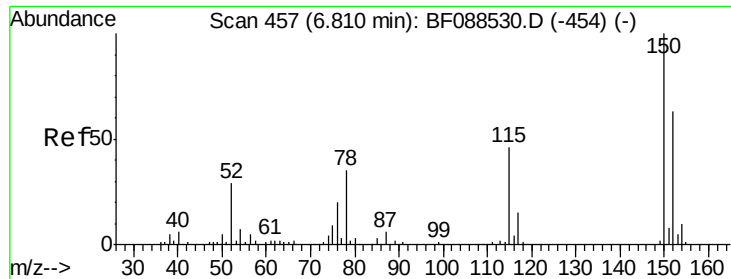
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088904.D

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BNA_F

ClientSampleId :

P001-TL001-01MSD

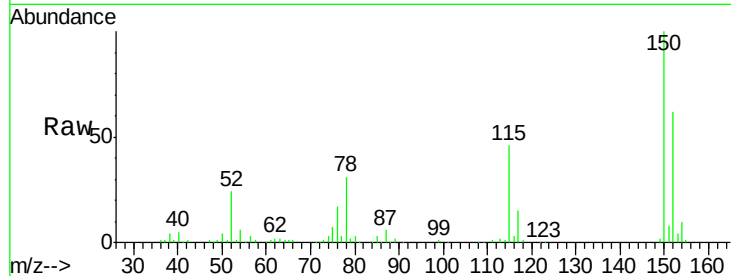
Tgt Ion:152 Resp: 85301

Ion Ratio Lower Upper

152 100

150 160.5 123.8 185.6

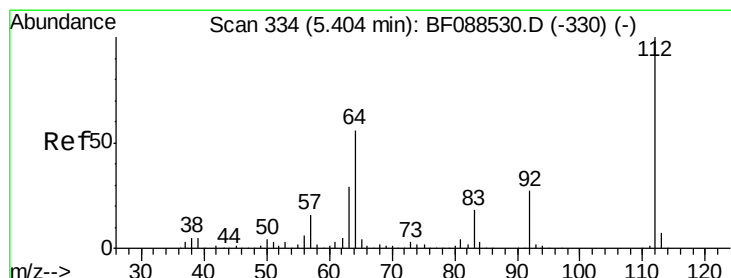
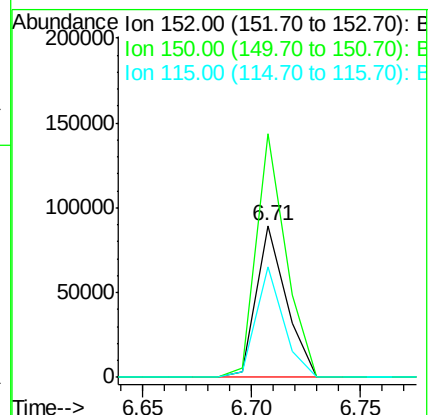
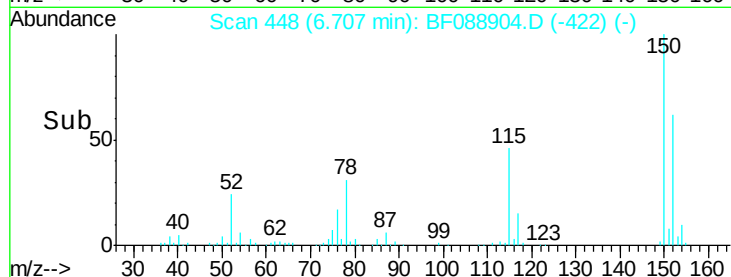
115 73.1 39.6 59.4#



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: 5.39 min Scan# 333

Delta R.T. 0.10 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

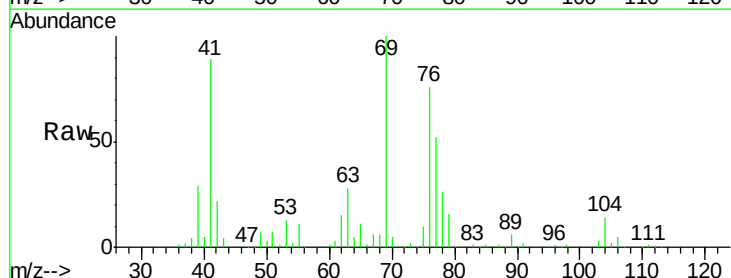
Tgt Ion:112 Resp: 209

Ion Ratio Lower Upper

112 100

64 1884.3 42.2 63.2#

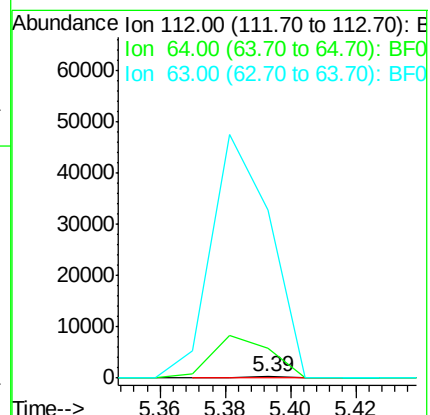
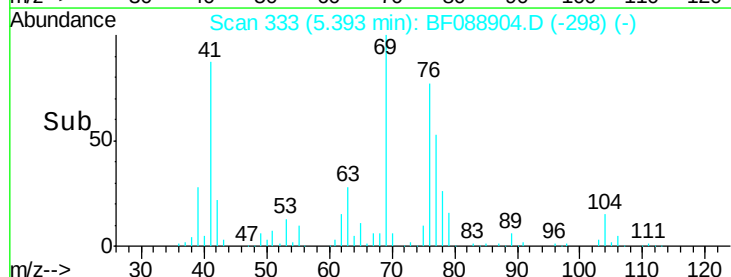
63 10727.9 21.8 32.8#

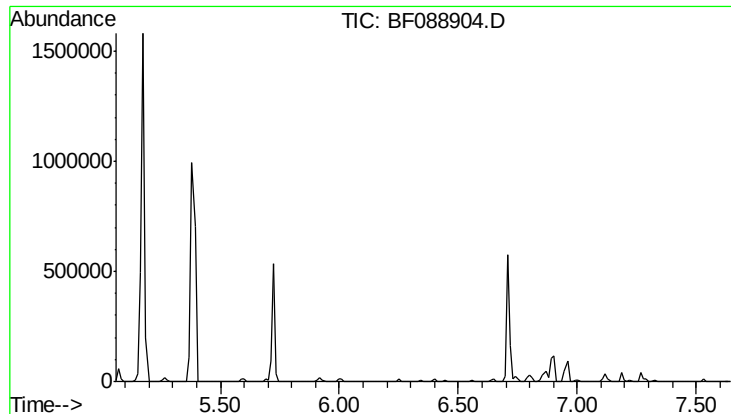


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.35 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

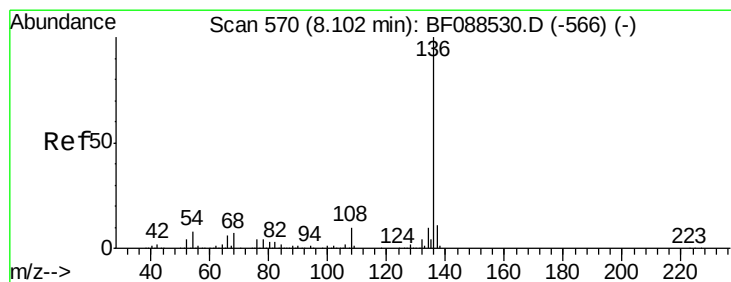
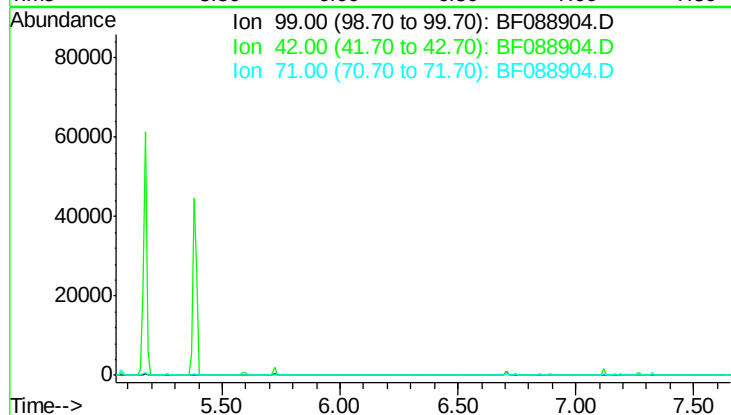
Tgt Ion: 99

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. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Tgt Ion: 136 Resp: 365507

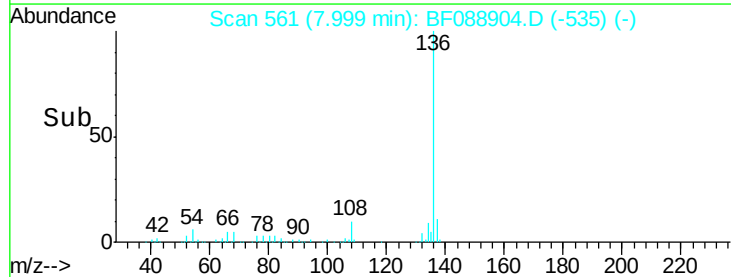
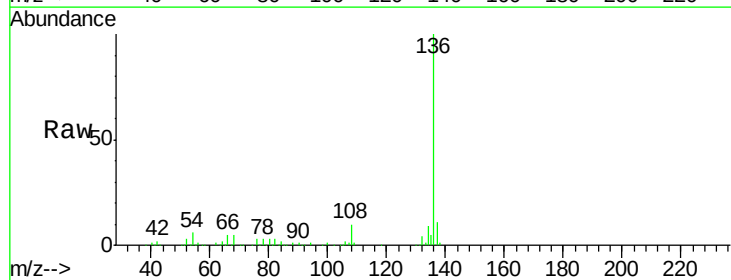
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.0 6.6 10.0#

68 4.9 5.1 7.7#

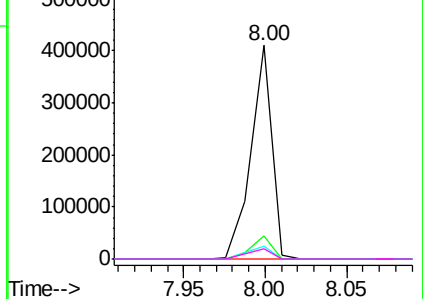


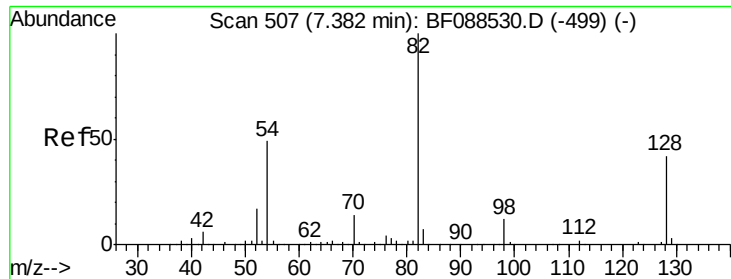
Abundance Ion 136.00 (135.70 to 136.70): E

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

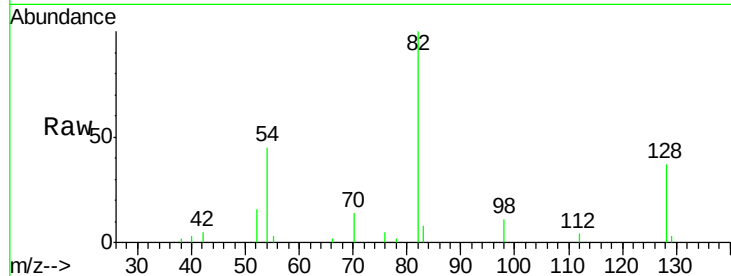




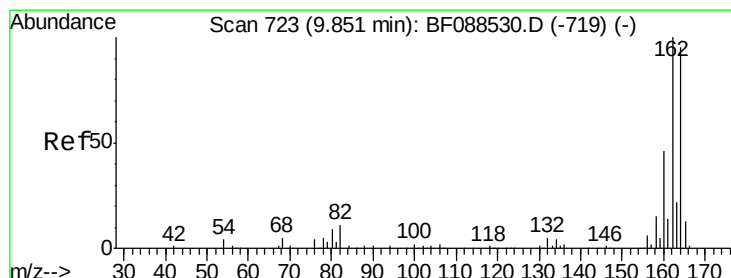
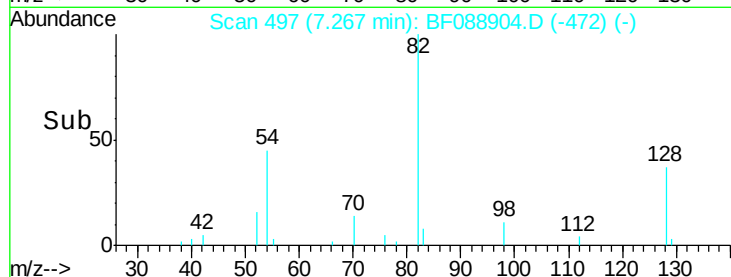
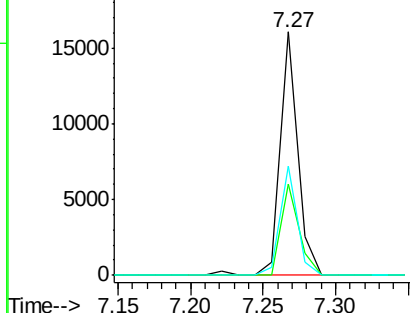
#23
 Nitrobenzene-d5
 Concen: 1.95 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	35.9	53.9
54	45.0	40.9	61.3

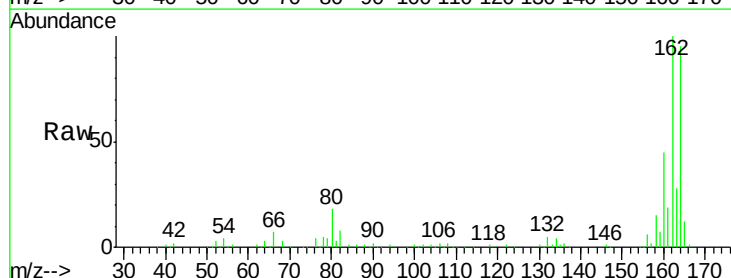


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

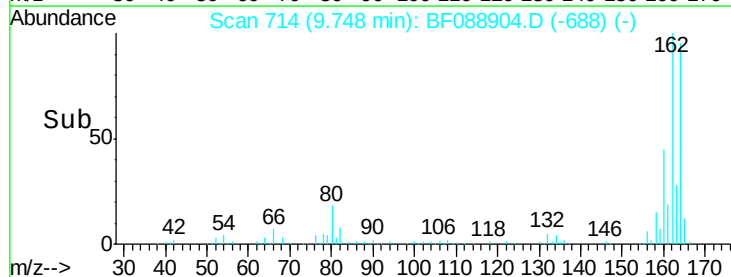
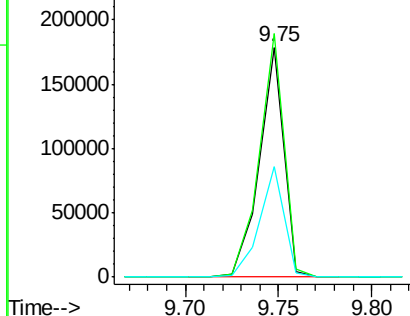


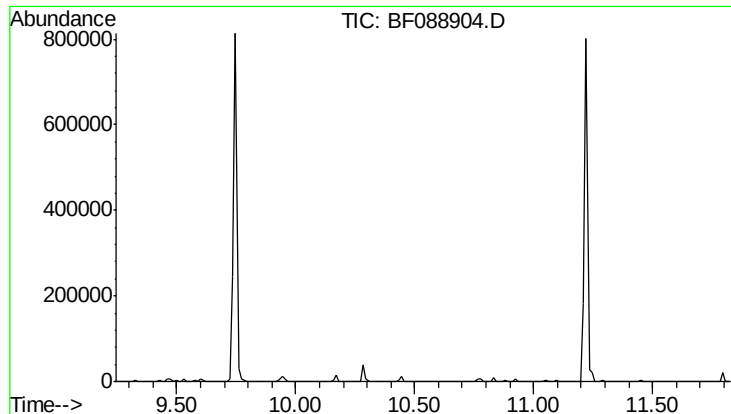
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.4	128.2
160	48.0	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

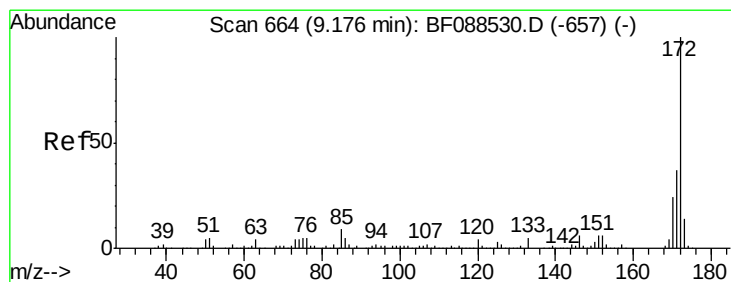
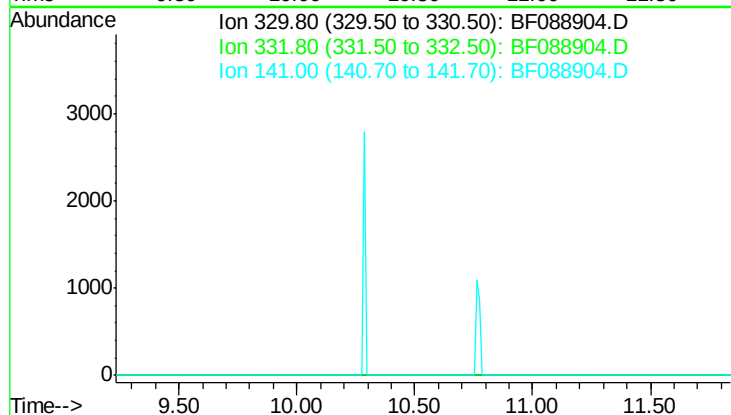




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.54 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

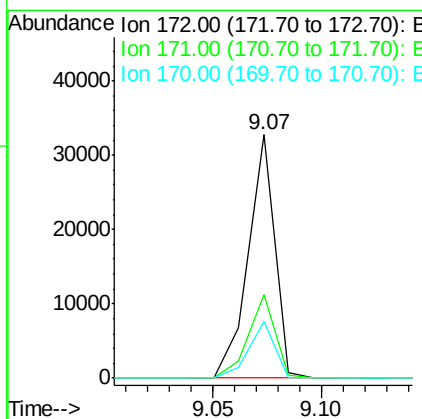
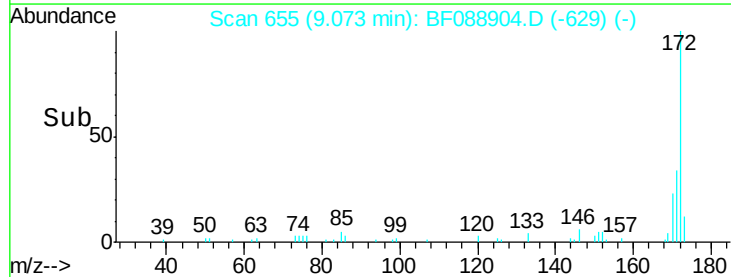
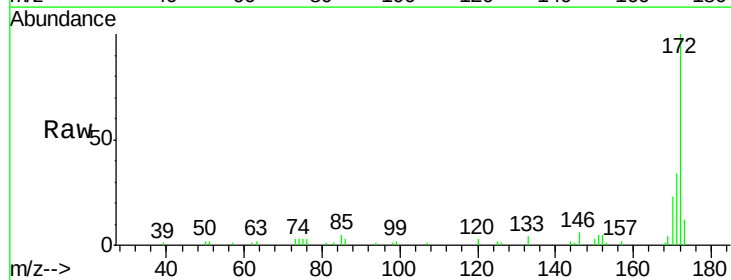
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

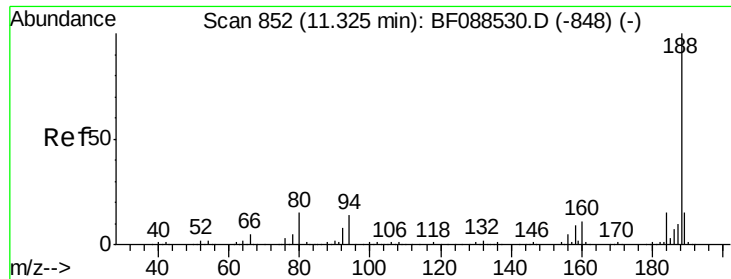
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 2.71 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion: 172 Resp: 27575
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 23.2 19.2 28.8

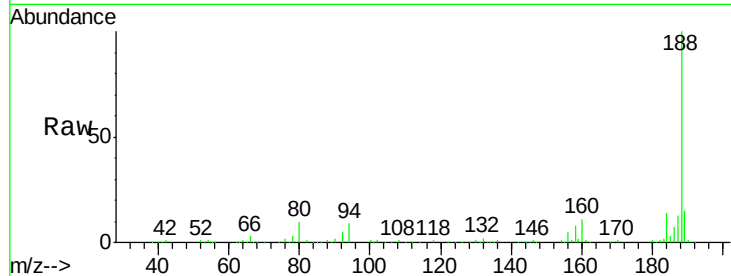




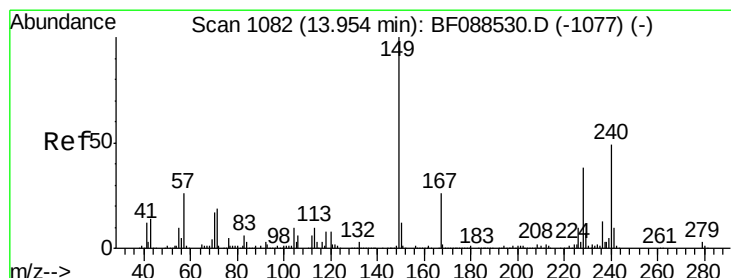
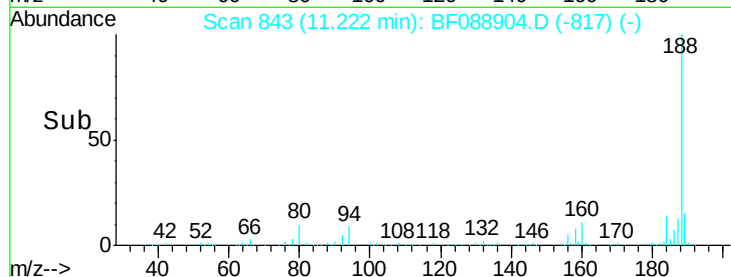
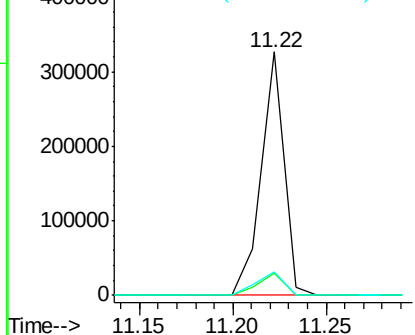
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tgt Ion:188 Resp: 274406
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.6#
80 9.8 10.0 15.0#

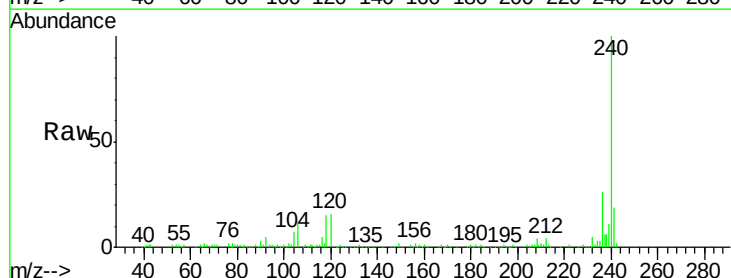


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

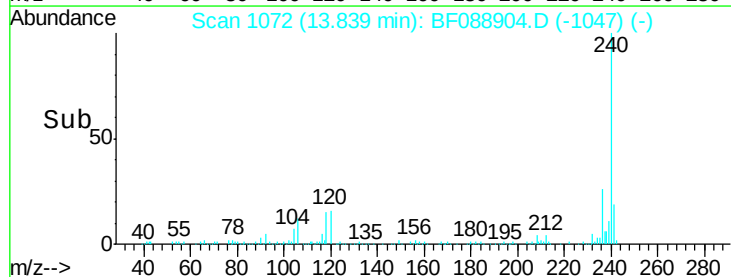
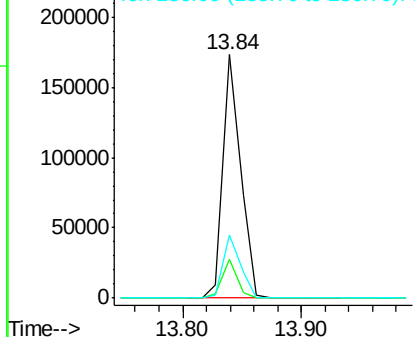


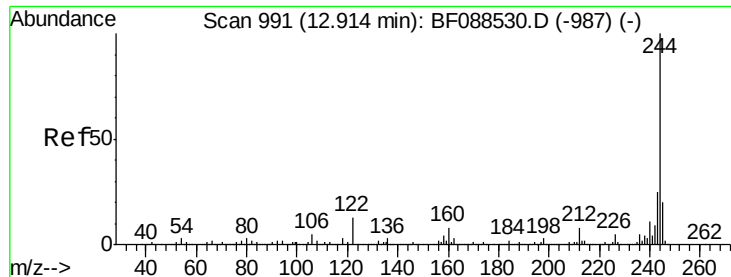
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion:240 Resp: 177673
Ion Ratio Lower Upper
240 100
120 15.8 6.8 10.2#
236 25.8 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

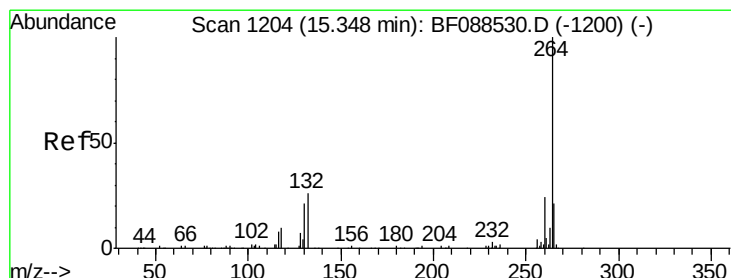
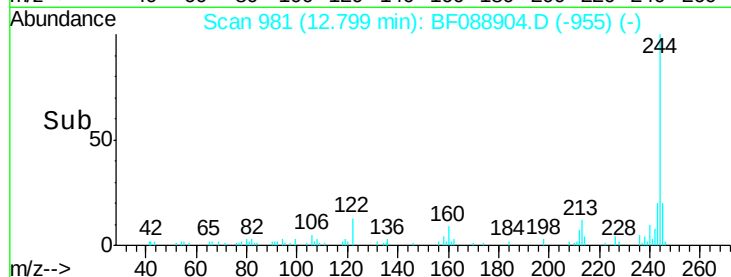
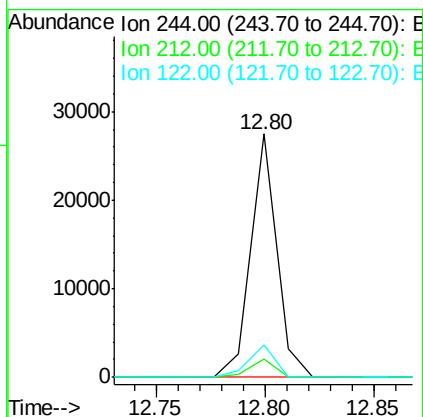
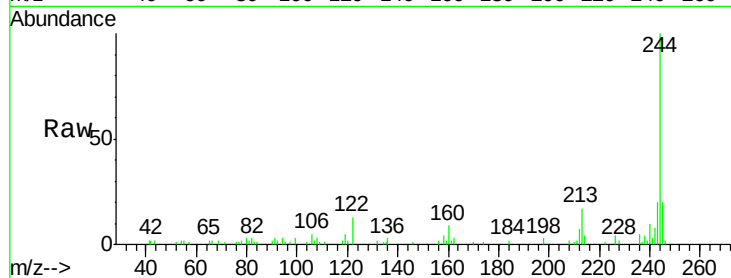




#78
 Terphenyl-d14
 Concen: 2.87 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tgt Ion: 244 Resp: 22910
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion: 264 Resp: 155744
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 16.9 25.3

