

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088036.D
 Acq On : 15 Jun 2016 9:39
 Operator : UM/SJ
 Sample : H3346-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ARE

Quant Time: Jun 15 13:38:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	162760	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	614854	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	276197	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	419670	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	402230	20.00	ng	-0.02
86) Perylene-d12	15.35	264	313883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	943	0.10	ng	-0.01
7) Phenol-d6	6.41	99	6024	0.52	ng	-0.02
23) Nitrobenzene-d5	7.35	82	755585	71.76	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	1183116	66.06	ng	-0.01
78) Terphenyl-d14	12.89	244	898033	50.80	ng	-0.01

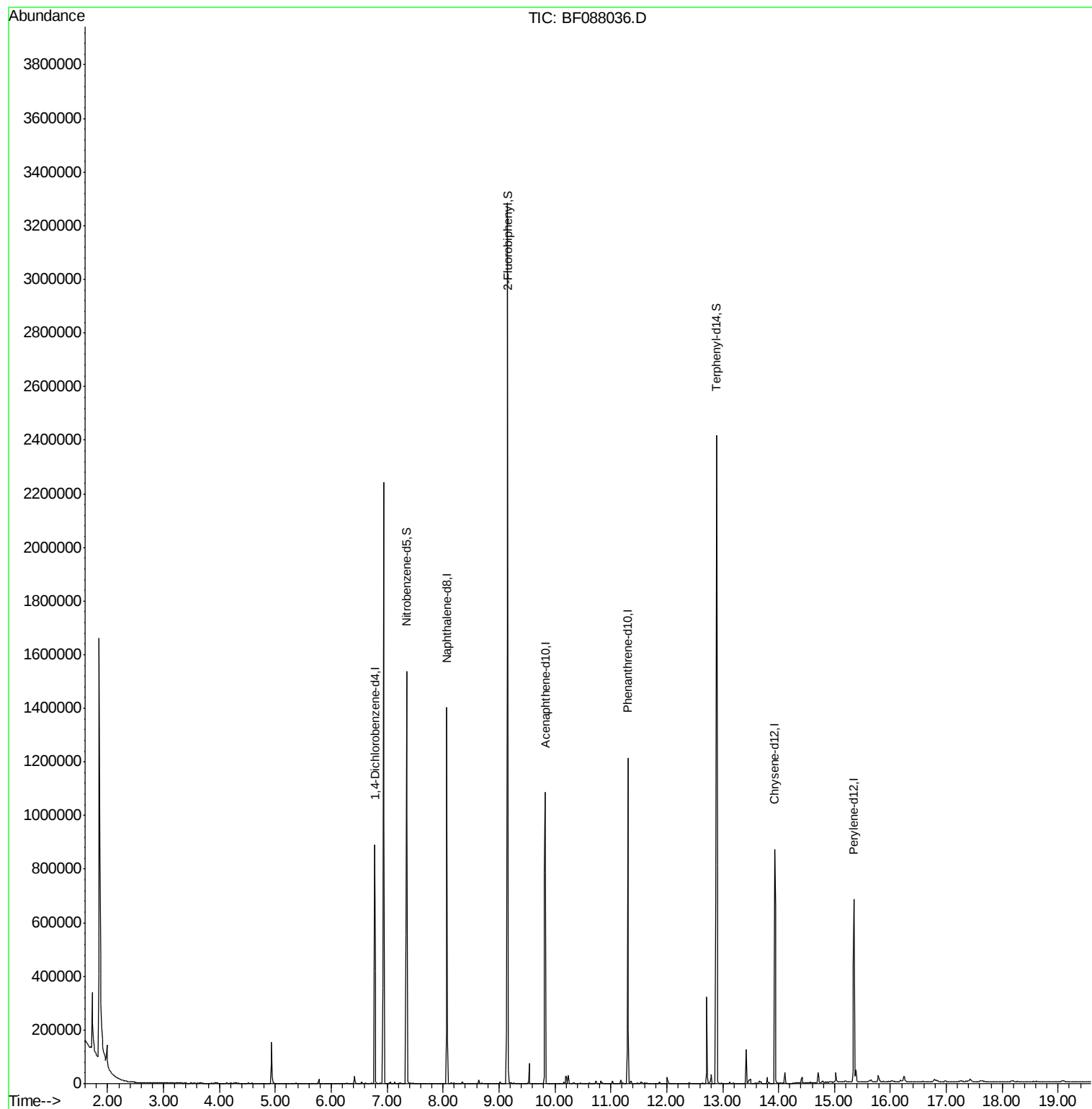
Target Compounds	Qvalue
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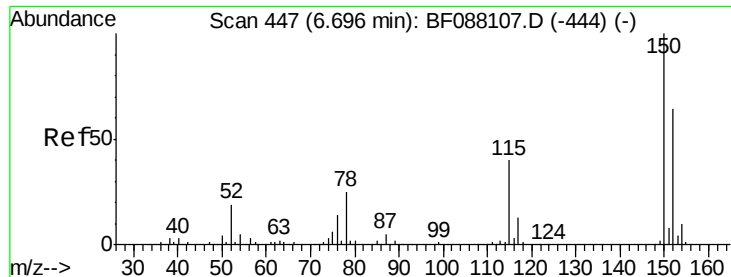
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF088036.D

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WC-201605ARE

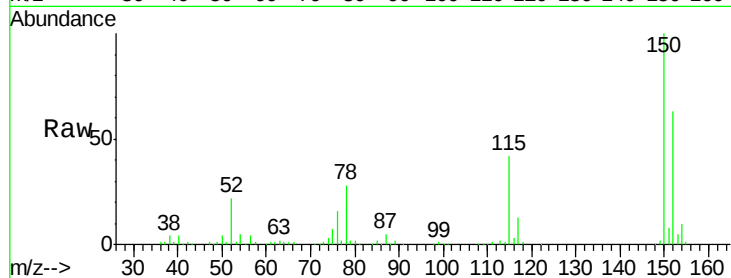
Tgt Ion:152 Resp: 162760

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

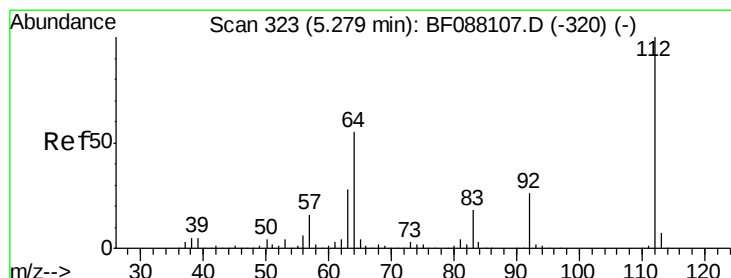
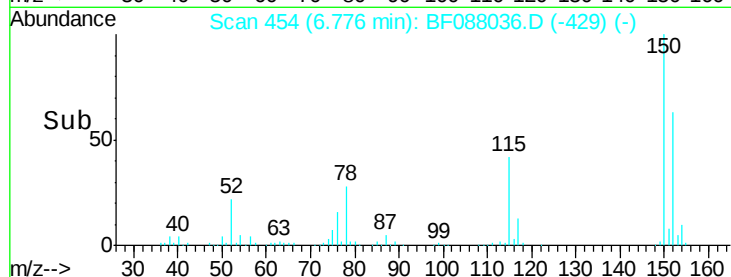
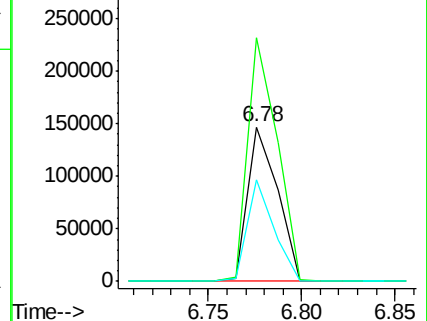
115 66.1 39.6 59.4#



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: 0.10 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.01 min

Lab File: BF088036.D

Acq: 15 Jun 2016 9:39

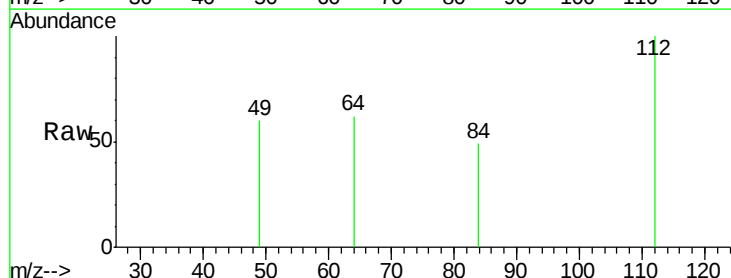
Tgt Ion:112 Resp: 943

Ion Ratio Lower Upper

112 100

64 62.0 42.2 63.2

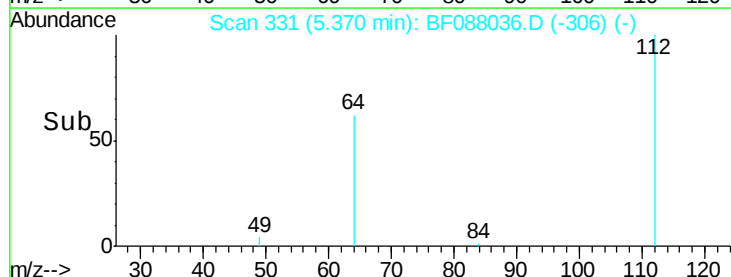
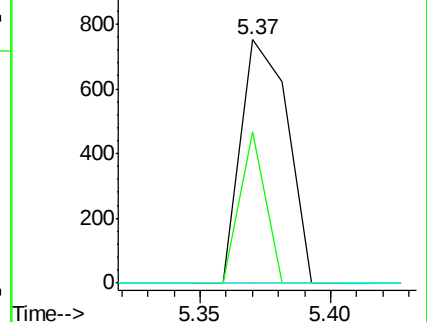
63 0.0 21.8 32.8#

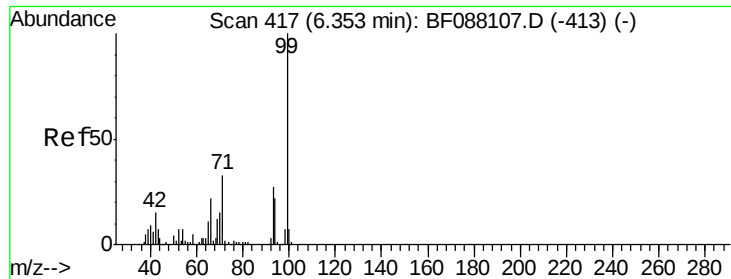


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.52 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088036.D

Acq: 15 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

WC-201605ARE

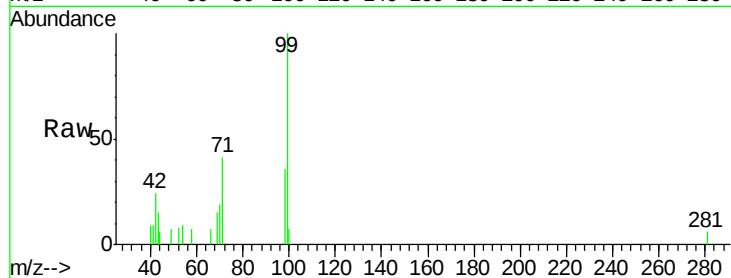
Tgt Ion: 99 Resp: 6024

Ion Ratio Lower Upper

99 100

42 23.7 12.2 18.2#

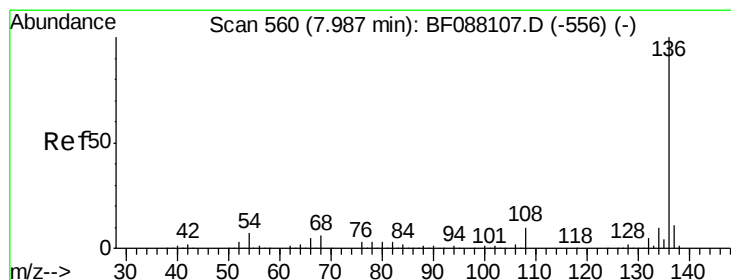
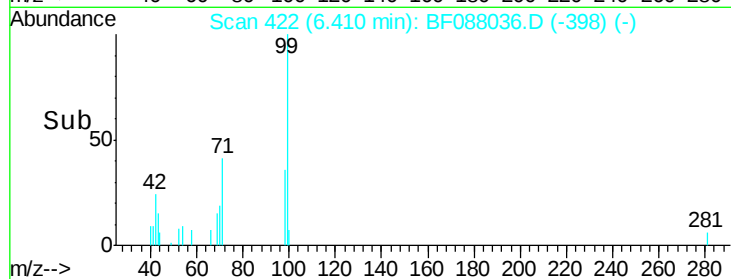
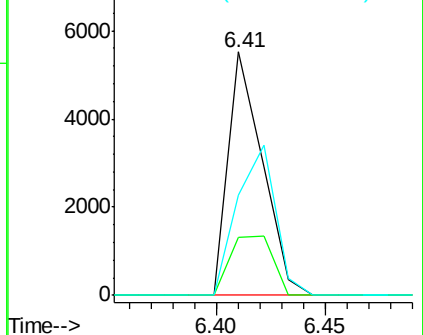
71 41.4 23.4 35.0#



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: 8.07 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF088036.D

Acq: 15 Jun 2016 9:39

Tgt Ion: 136 Resp: 614854

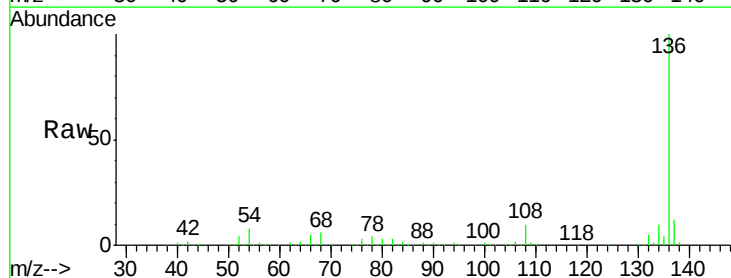
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 7.8 6.6 10.0

68 6.4 5.1 7.7

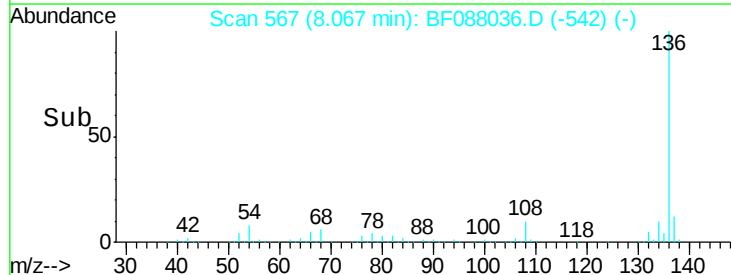
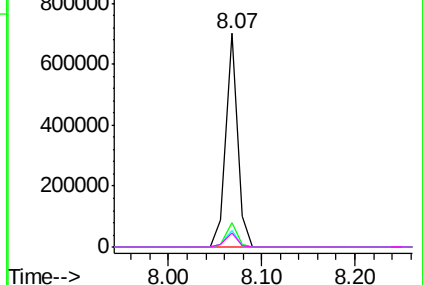


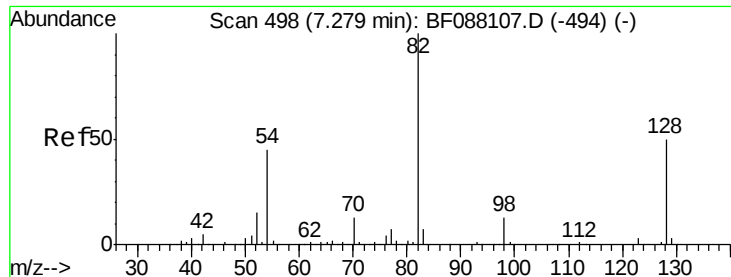
Abundance Ion 136.00 (135.70 to 136.70): E

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

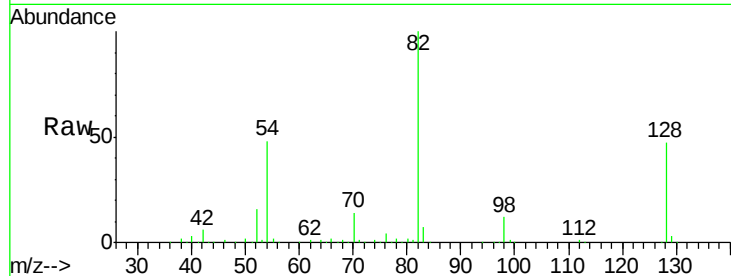




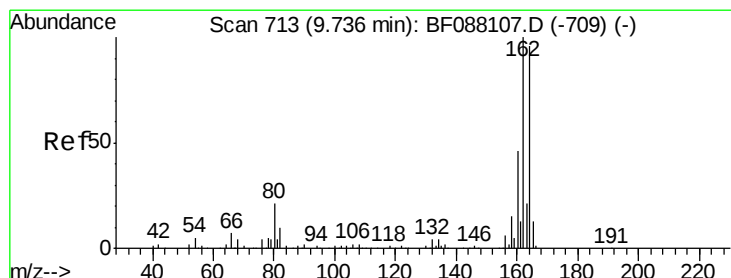
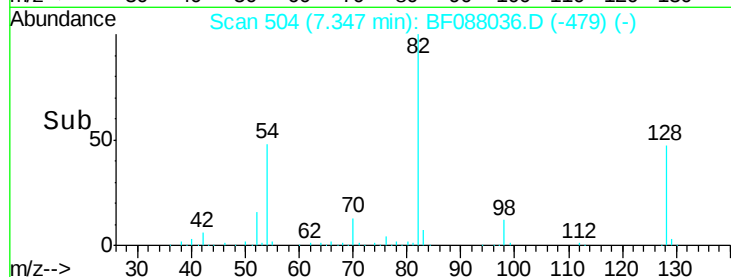
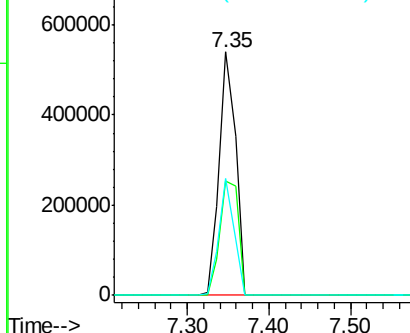
#23
 Nitrobenzene-d5
 Concen: 71.76 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

Instrument :
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 ClientSampleId :
 WC-201605ARE

Tgt Ion: 82 Resp: 75585
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.9 53.9
 54 48.0 40.9 61.3

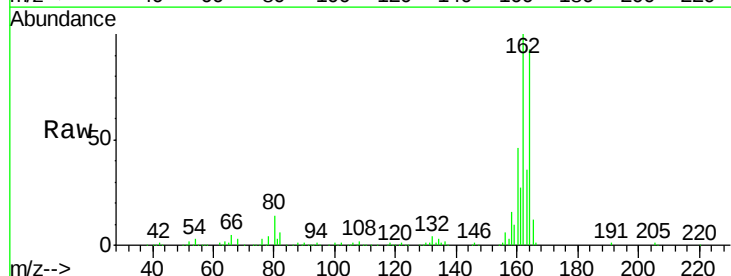


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

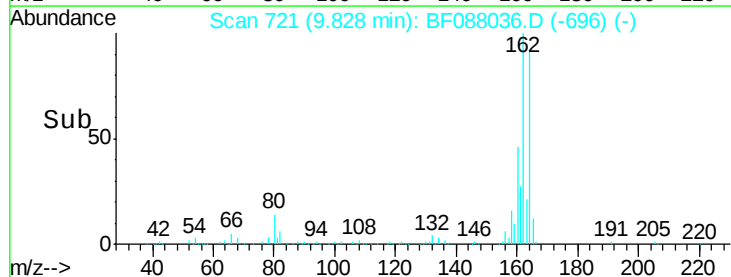
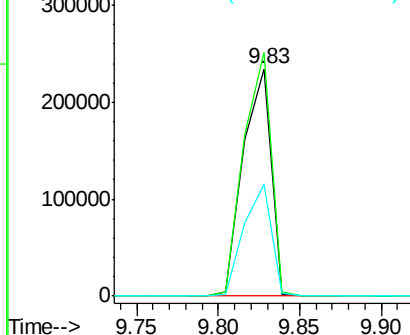


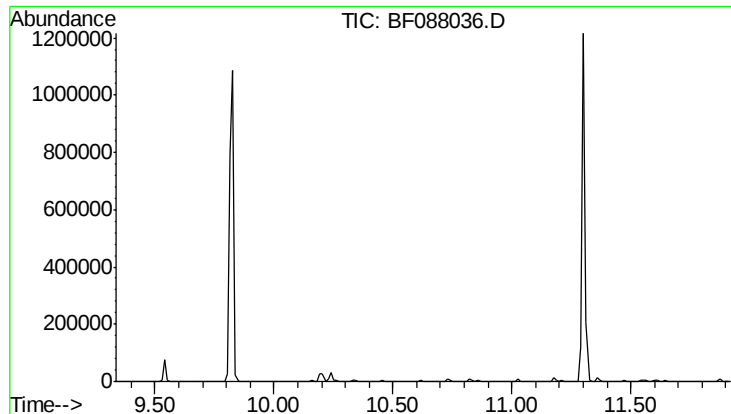
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

Tgt Ion: 164 Resp: 276197
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.4 128.2
 160 49.1 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

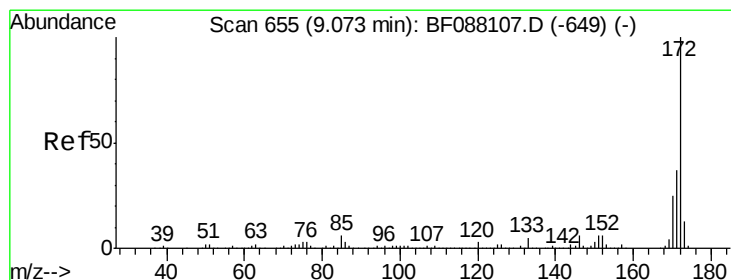
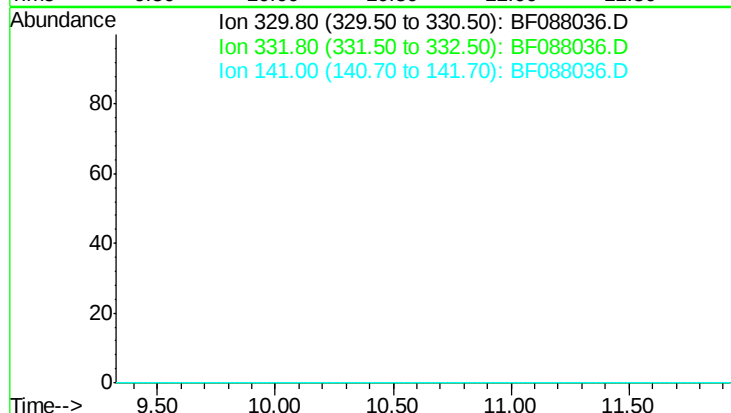




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.63 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

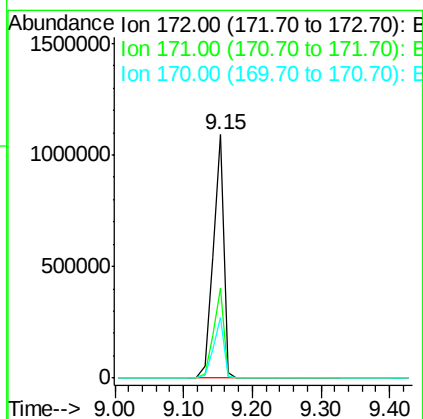
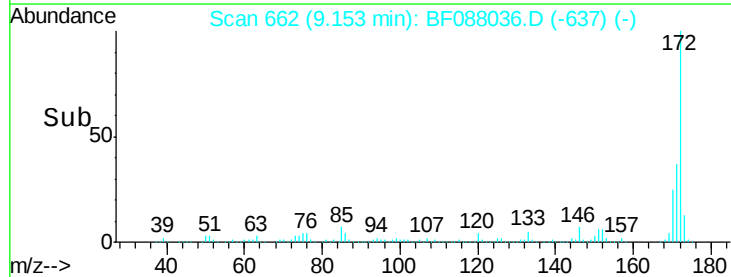
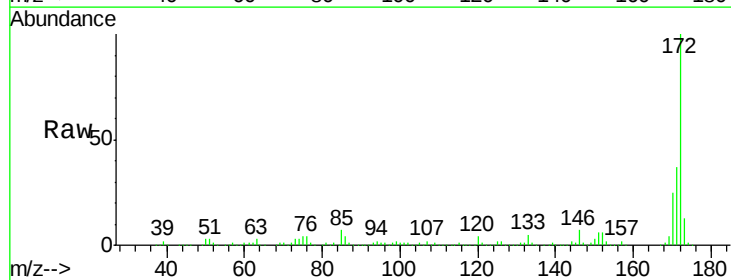
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ARE

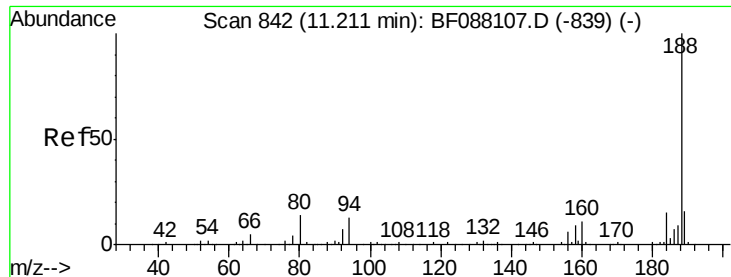
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 66.06 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

Tgt Ion: 172 Resp: 1183116
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.9 19.2 28.8

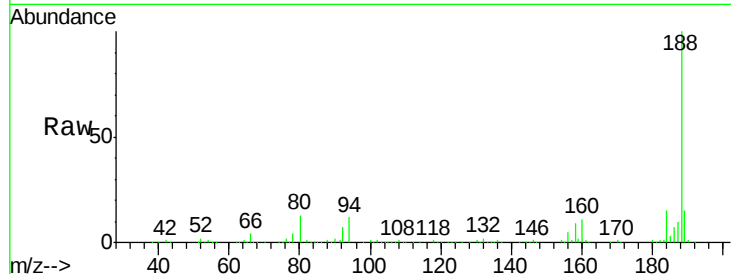




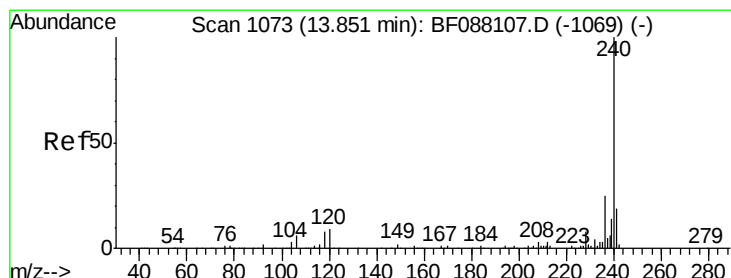
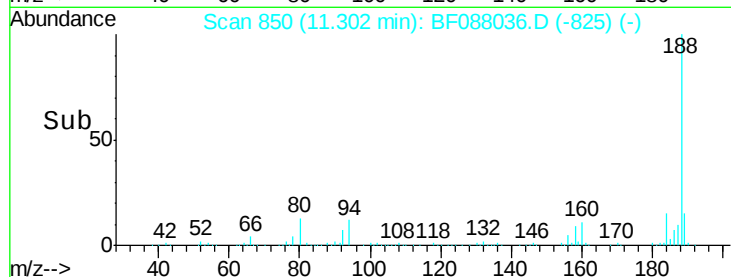
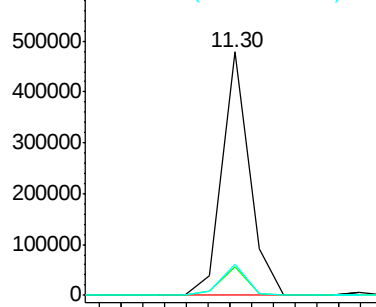
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088036.D
Acq: 15 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :
WC-201605ARE

Tgt Ion:188 Resp: 419670
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.6
80 12.6 10.0 15.0

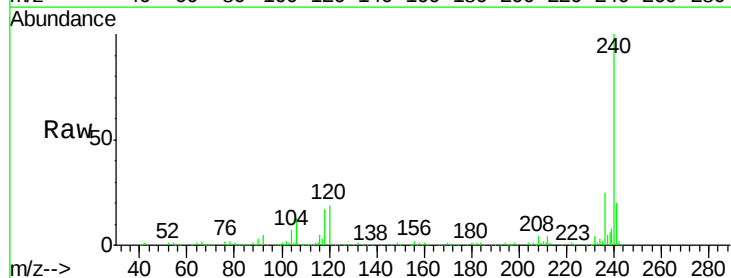


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

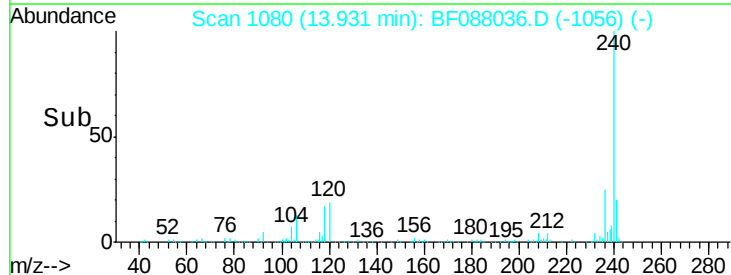
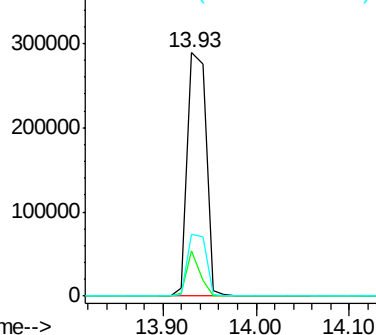


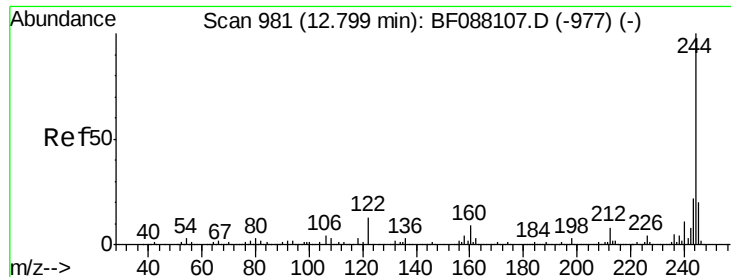
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088036.D
Acq: 15 Jun 2016 9:39

Tgt Ion:240 Resp: 402230
Ion Ratio Lower Upper
240 100
120 18.8 6.8 10.2#
236 25.3 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

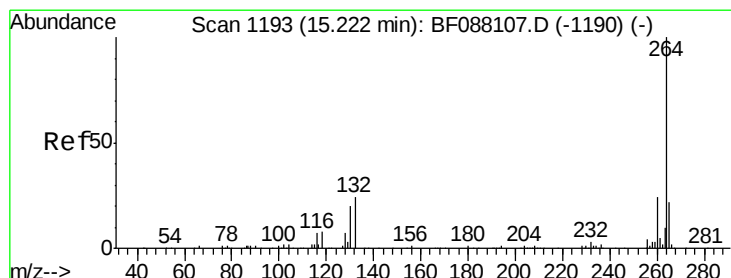
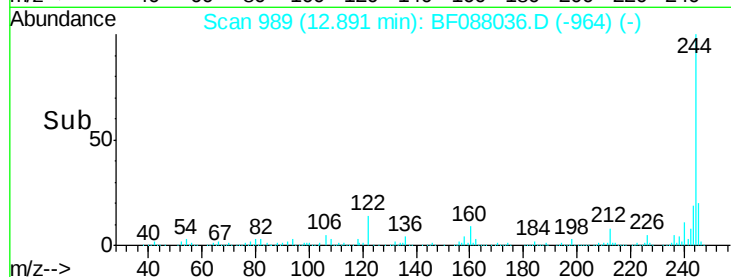
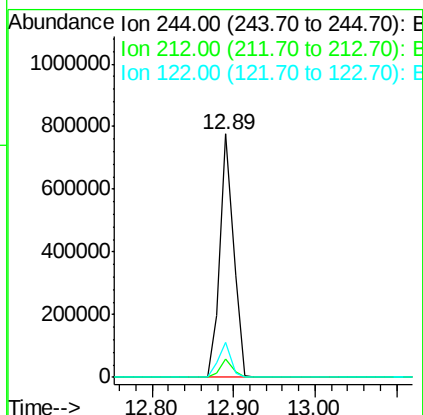
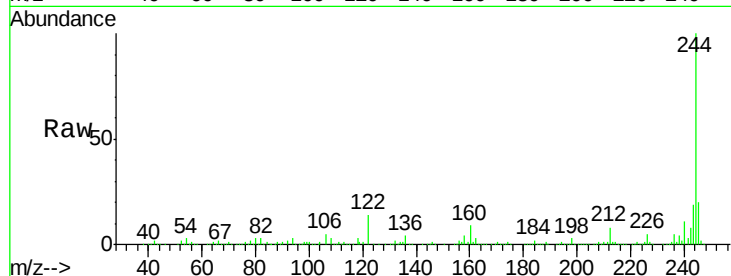




#78
 Terphenyl-d14
 Concen: 50.80 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ARE

Tgt Ion:244 Resp: 898033
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF088036.D
 Acq: 15 Jun 2016 9:39

Tgt Ion:264 Resp: 313883
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 16.9 25.3

