

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088181.D
 Acq On : 20 Jun 2016 19:55
 Operator : UM/SJ
 Sample : PB91406TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Quant Time: Jun 21 01:18:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	111084	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	474235	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	222795	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	438368	20.00	ng	0.00
75) Chrysene-d12	13.81	240	373156	20.00	ng	0.00
86) Perylene-d12	15.18	264	277206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	682099	104.97	ng	0.01
7) Phenol-d6	6.33	99	965214	122.57	ng	0.00
23) Nitrobenzene-d5	7.23	82	536481	66.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	213178	90.62	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1008326	70.13	ng	-0.01
78) Terphenyl-d14	12.77	244	1007646	61.45	ng	0.00

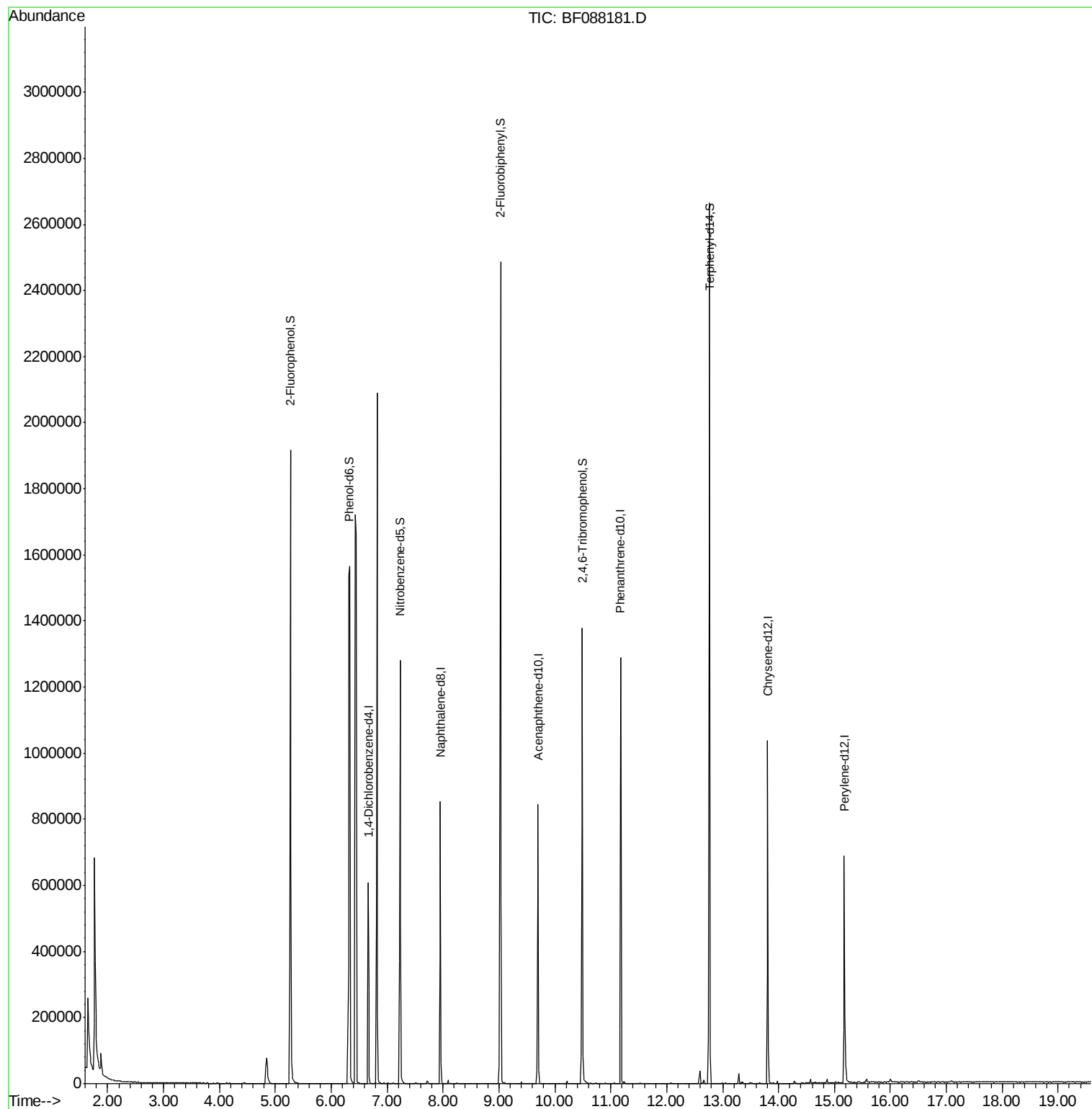
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB91406TB

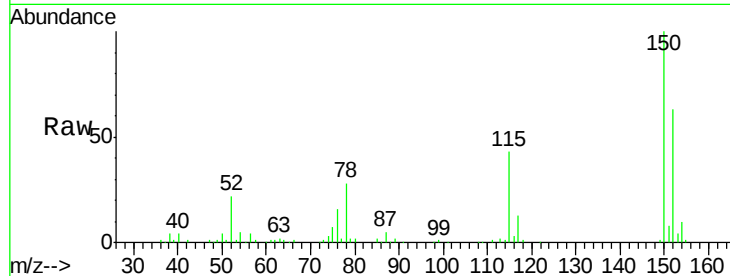
Tot Ion:152 Resp: 111084

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

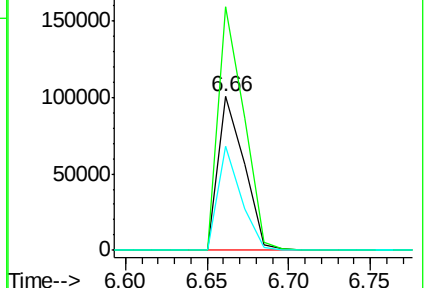
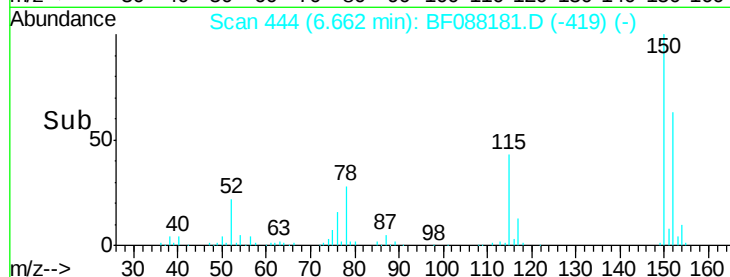
115 67.5 39.6 59.4#



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: 104.97 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

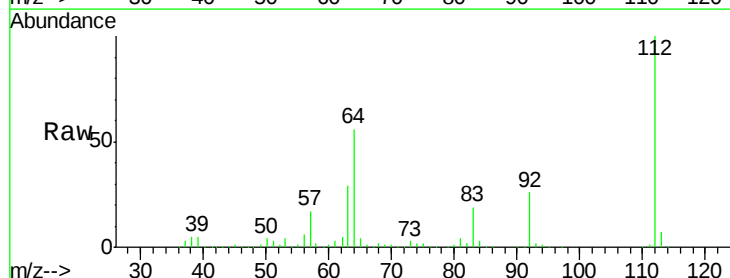
Tgt Ion:112 Resp: 682099

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

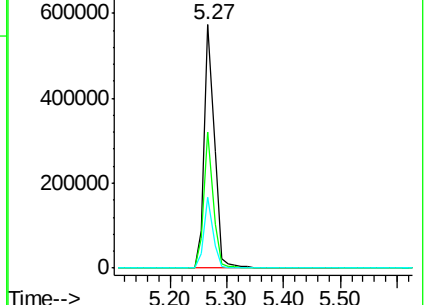
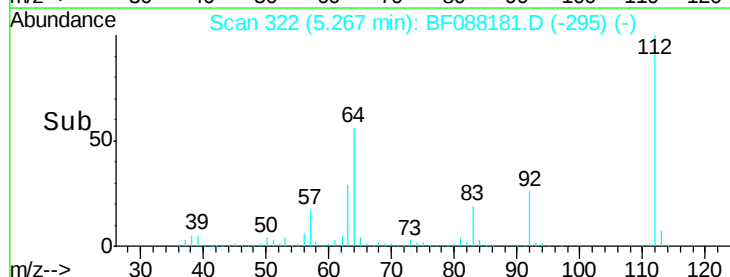
63 29.0 21.8 32.8



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: 122.57 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB91406TB

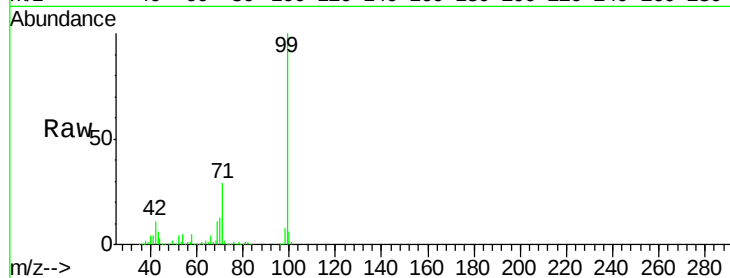
Tot Ion: 99 Resp: 965214

Ion Ratio Lower Upper

99 100

42 11.3 12.2 18.2#

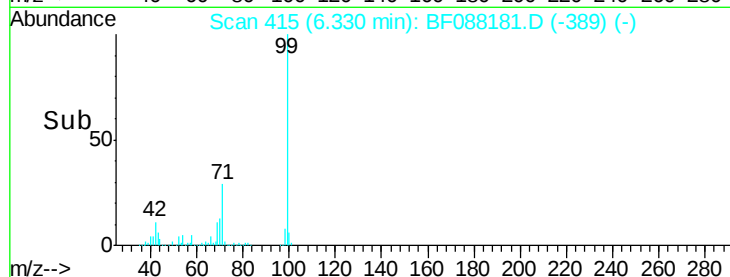
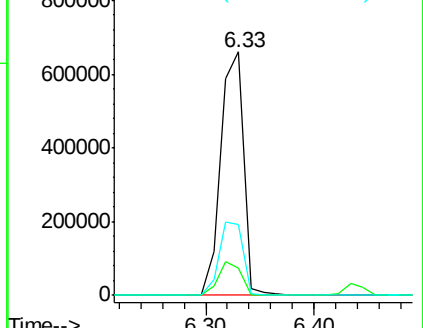
71 28.9 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088181.D

Acq: 20 Jun 2016 19:55

Tgt Ion: 136 Resp: 474235

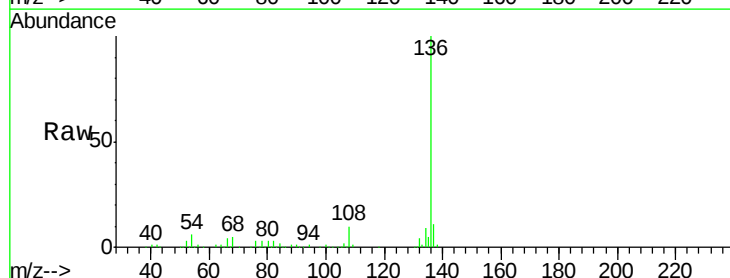
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 5.9 6.6 10.0#

68 5.1 5.1 7.7#

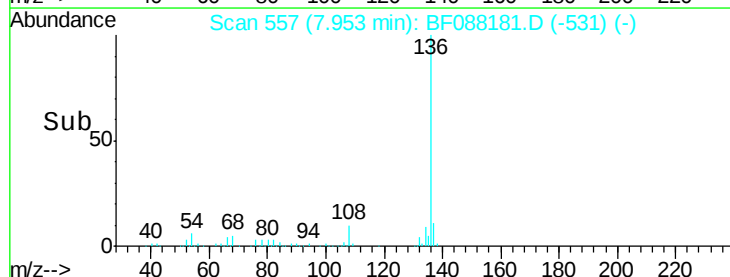
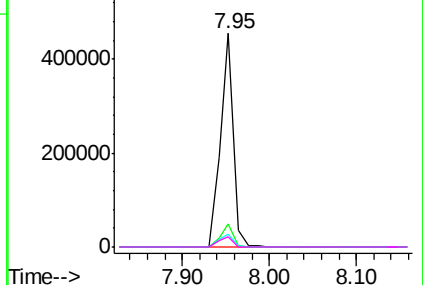


Abundance Ion 136.00 (135.70 to 136.70): E

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

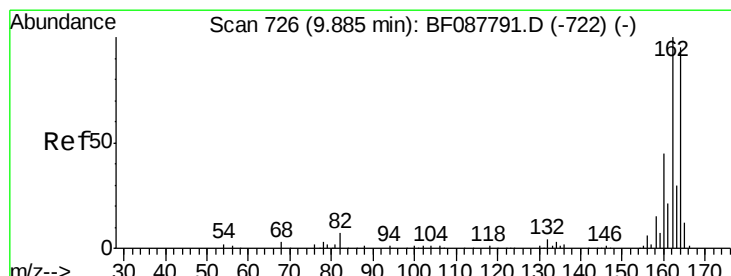
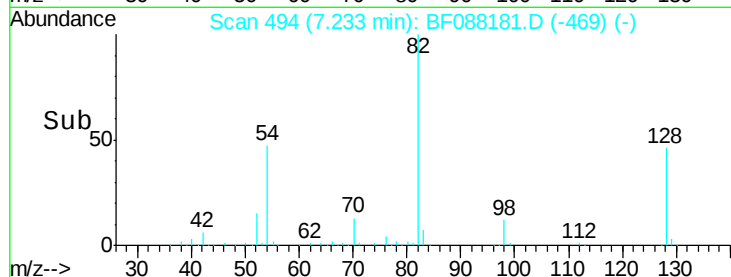
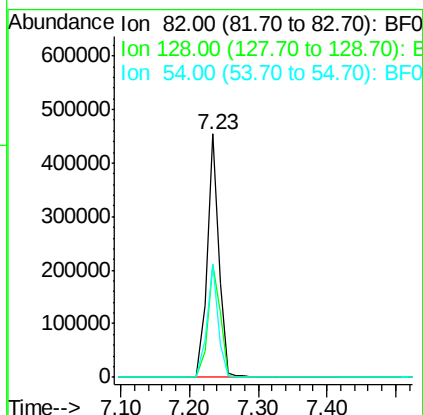
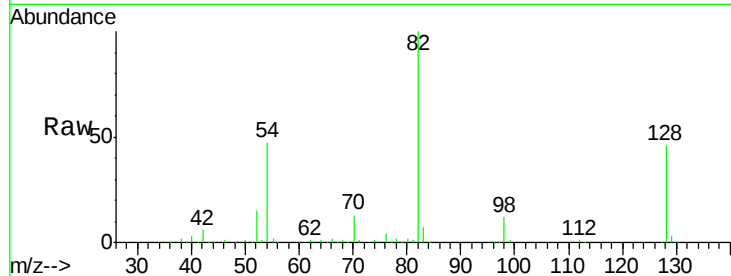




#23
 Nitrobenzene-d5
 Concen: 66.06 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

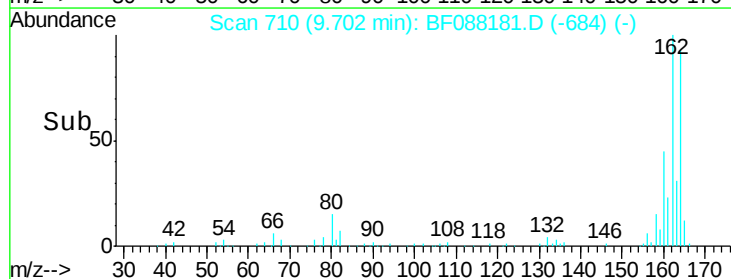
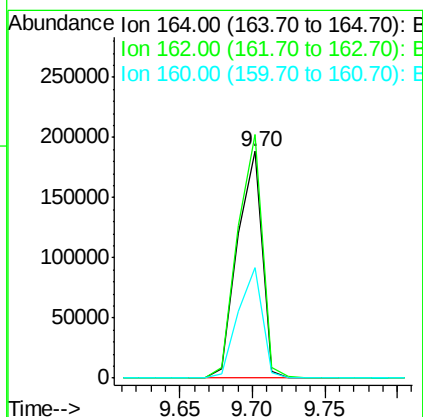
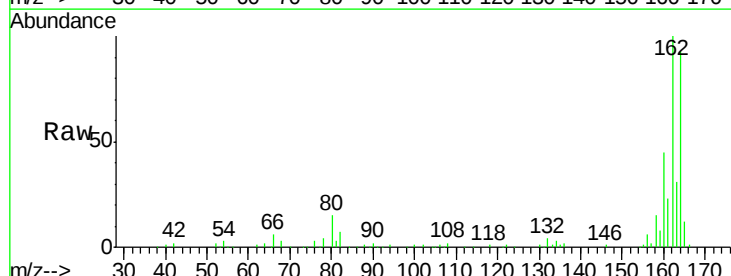
Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tot Ion: 82 Resp: 536481
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.9 53.9
 54 46.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion: 164 Resp: 222795
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.4 128.2
 160 48.6 39.5 59.3

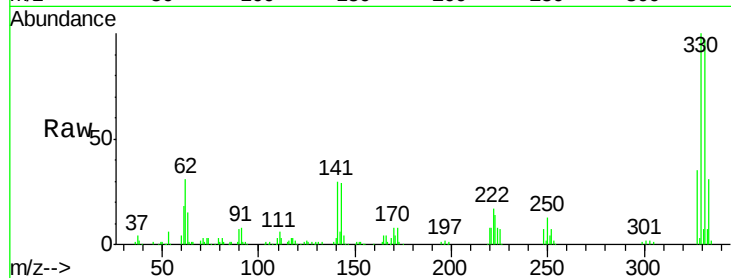




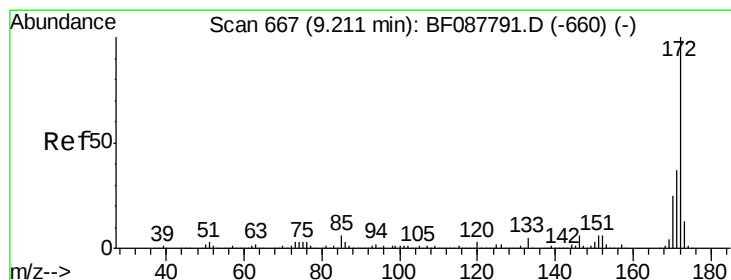
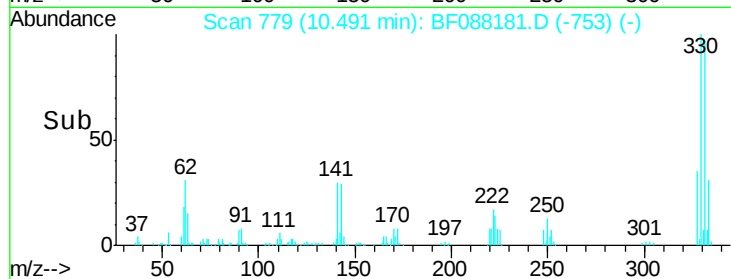
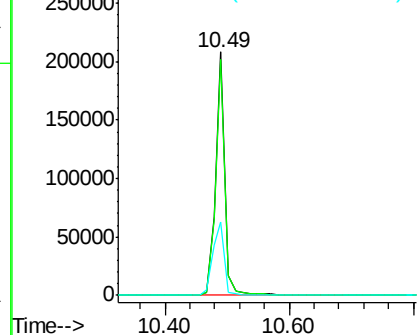
#41
 2,4,6-Tribromophenol
 Concen: 90.62 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tot Ion:330 Resp: 213178
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.8 0.0 0.0#

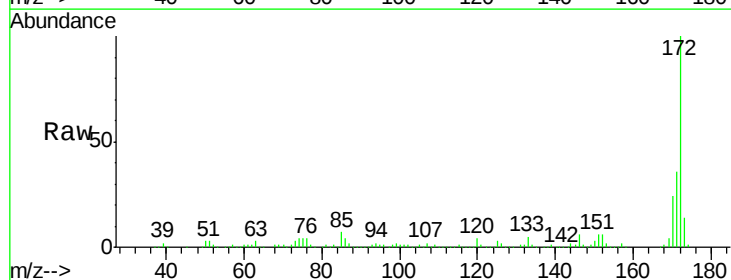


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

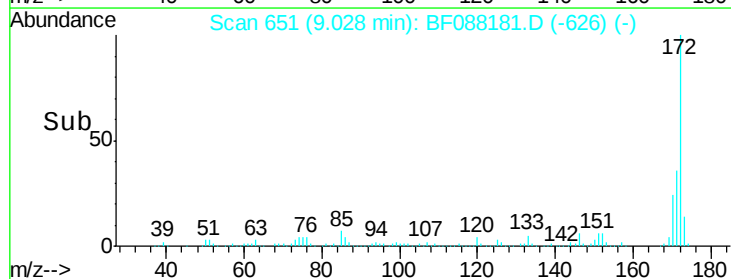
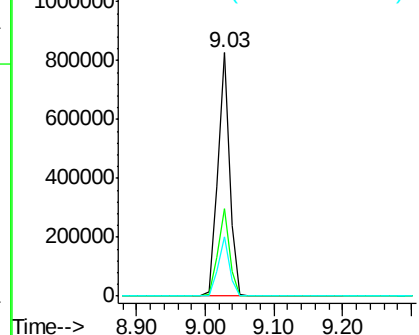


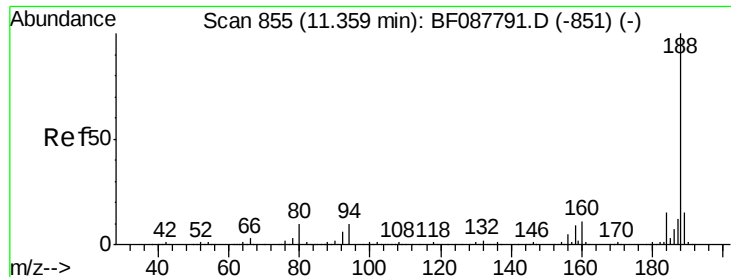
#44
 2-Fluorobiphenyl
 Concen: 70.13 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion:172 Resp: 1008326
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 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

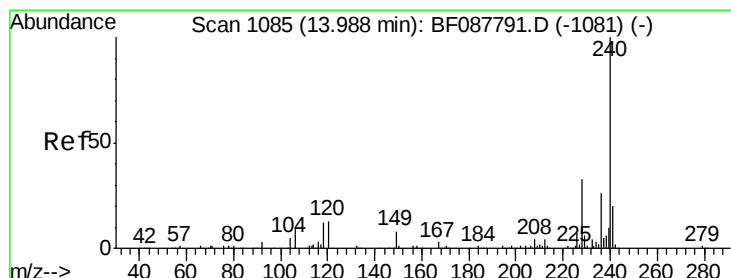
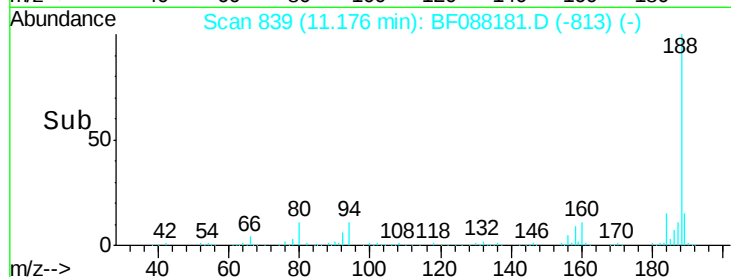
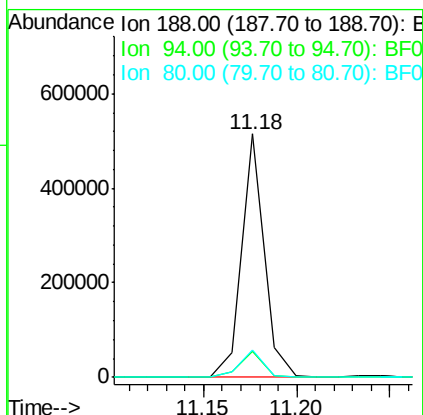
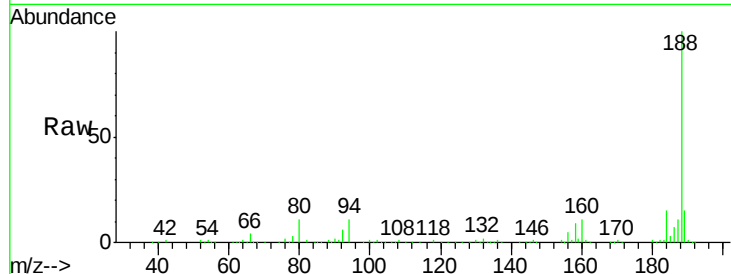




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

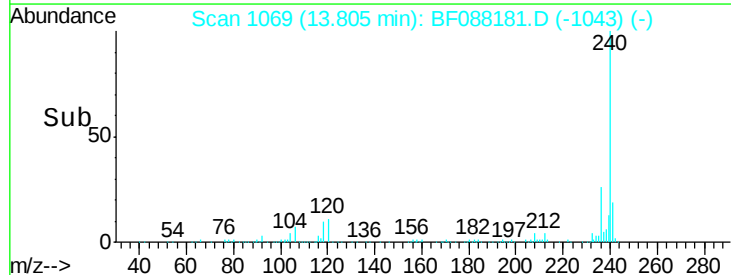
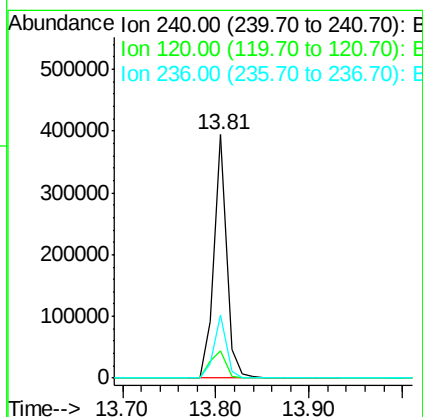
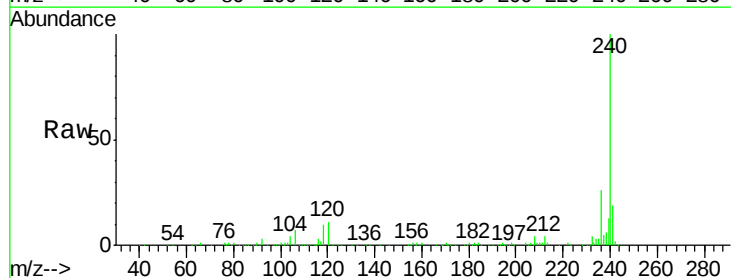
Instrument :
BNA_F
ClientSampleId :
PB91406TB

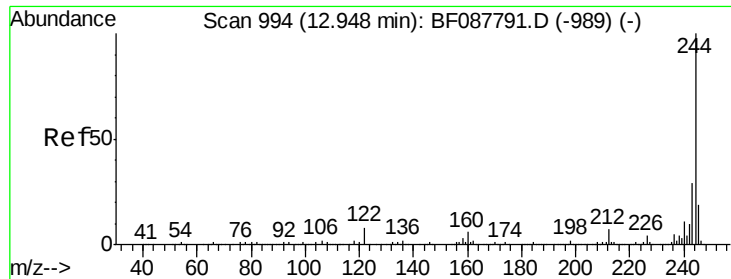
Tot Ion:188 Resp: 438368
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.3 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088181.D
Acq: 20 Jun 2016 19:55

Tgt Ion:240 Resp: 373156
Ion Ratio Lower Upper
240 100
120 11.4 6.8 10.2#
236 25.9 20.2 30.2

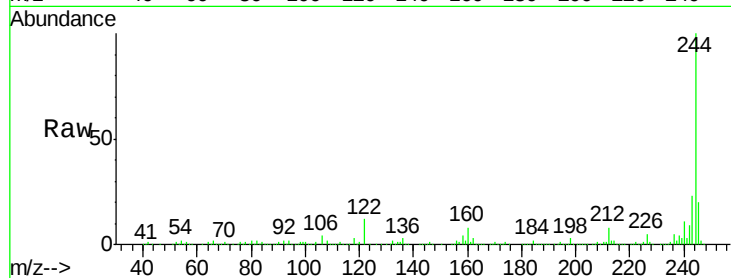




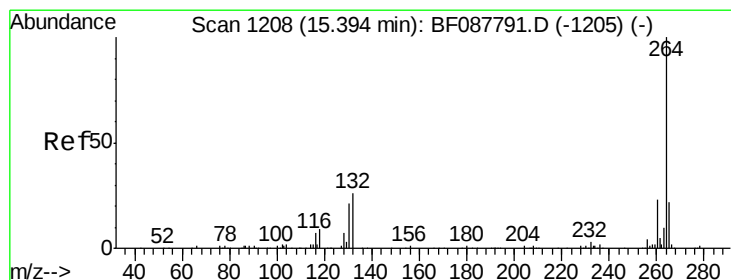
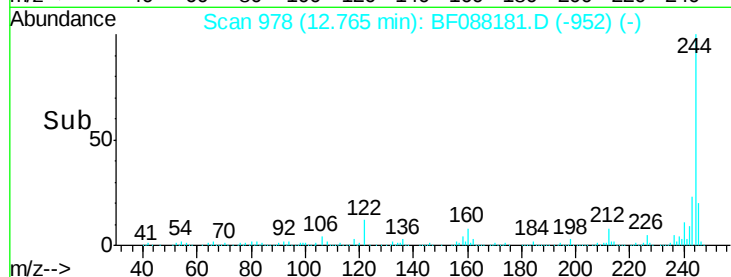
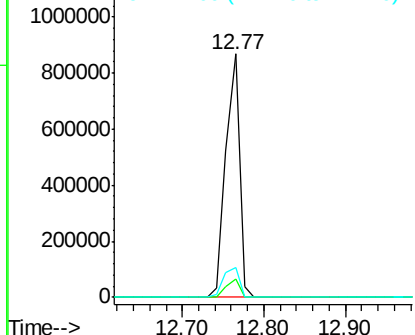
#78
 Terphenyl-d14
 Concen: 61.45 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Instrument :
 BNA_F
 ClientSampleID :
 PB91406TB

Tot Ion:244 Resp: 1007646
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.3 11.2 16.8

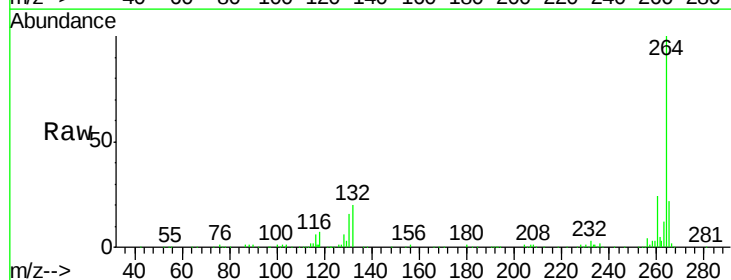


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088181.D
 Acq: 20 Jun 2016 19:55

Tgt Ion:264 Resp: 277206
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 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

