

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081900.D
 Acq On : 30 Sep 2015 6:29
 Operator : UM/IZ
 Sample : G3827-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Quant Time: Sep 30 08:12:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	72276	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	403670	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	203832	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	429347	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	427407	20.00	ng	-0.02
86) Perylene-d12	15.56	264	376867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	303505	76.23	ng	-0.01
7) Phenol-d6	6.54	99	264597	52.81	ng	-0.02
23) Nitrobenzene-d5	7.49	82	543268	89.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	265384	128.56	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1086917	90.33	ng	-0.02
78) Terphenyl-d14	13.04	244	1249875	98.84	ng	-0.01

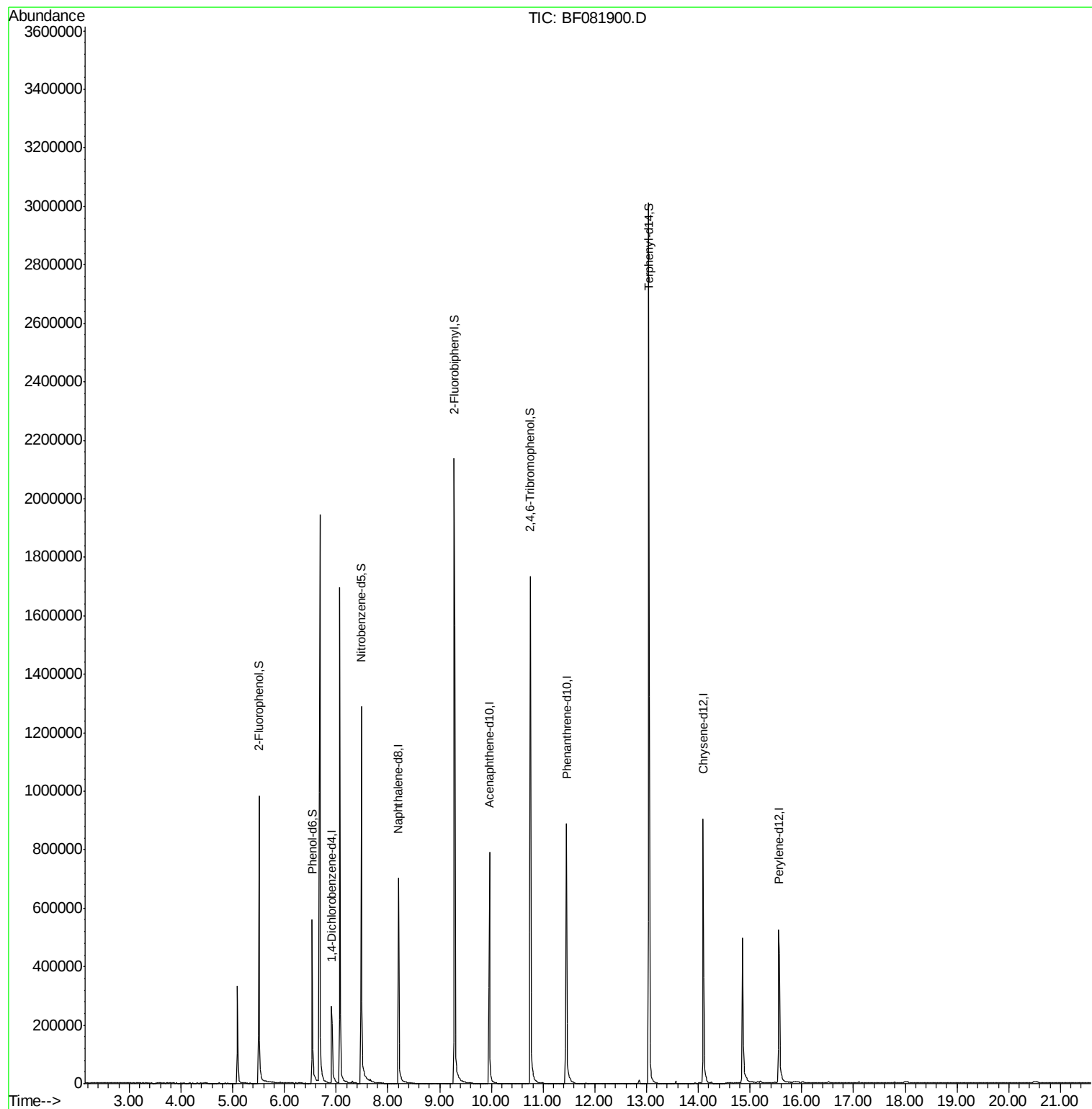
Target Compounds Qvalue

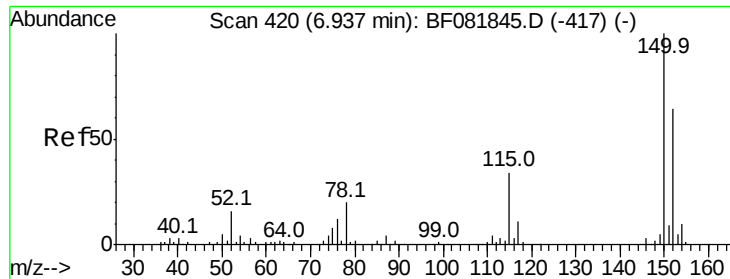
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

FB092315

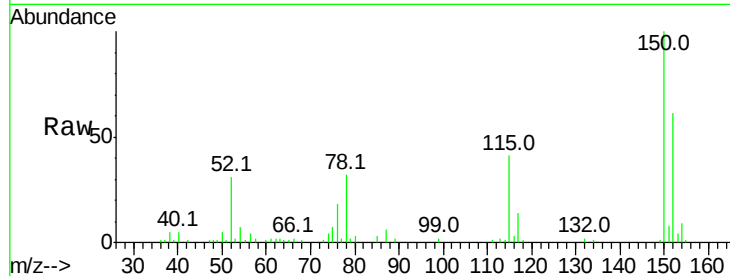
Tot Ion:152 Resp: 72276

Ion Ratio Lower Upper

152 100

150 163.4 124.7 187.1

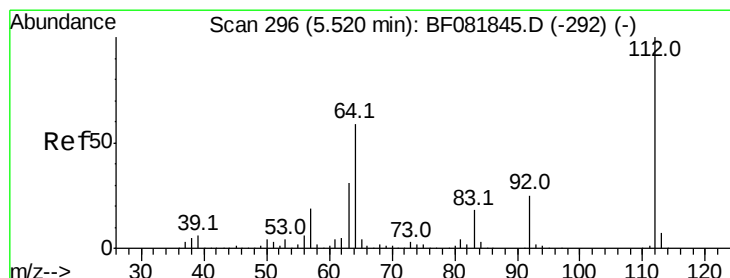
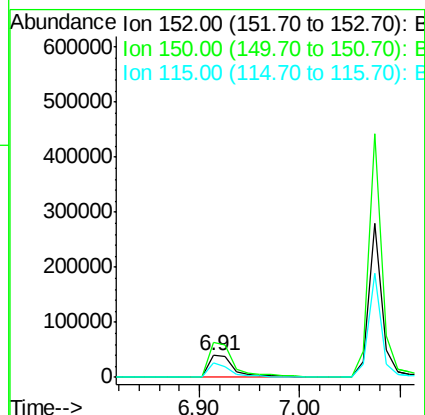
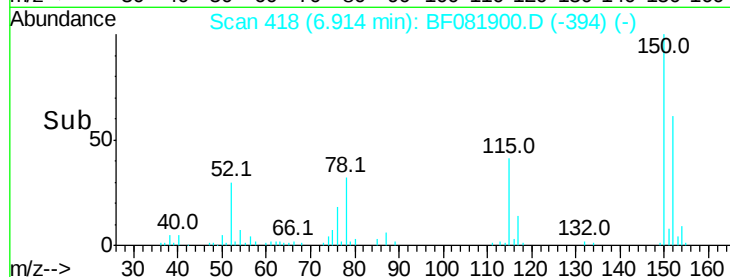
115 67.6 39.0 58.4#



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: 76.23 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

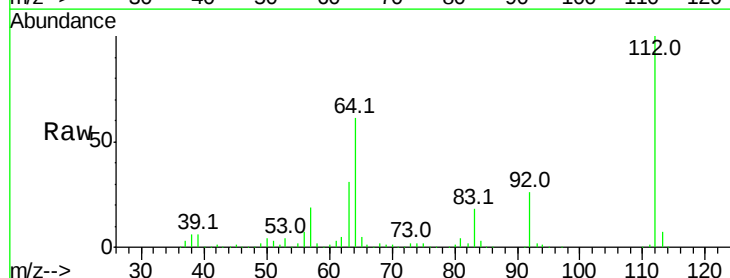
Tgt Ion:112 Resp: 303505

Ion Ratio Lower Upper

112 100

64 60.8 39.7 59.5#

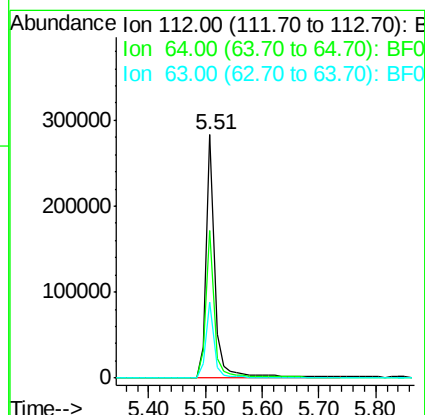
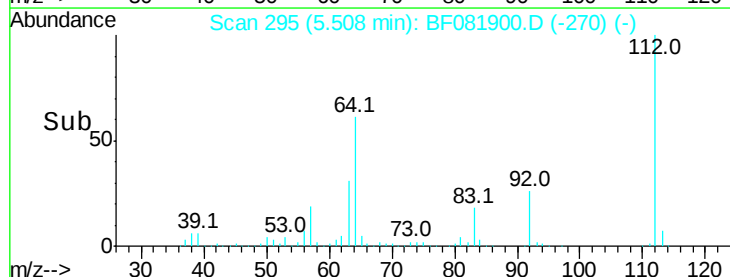
63 31.2 17.4 26.0#

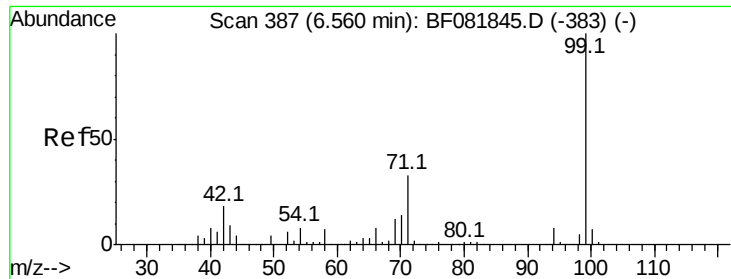


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.81 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

FB092315

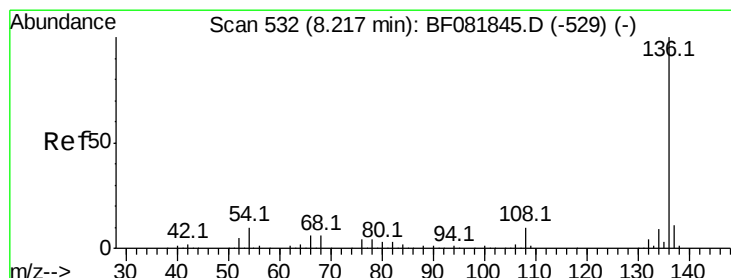
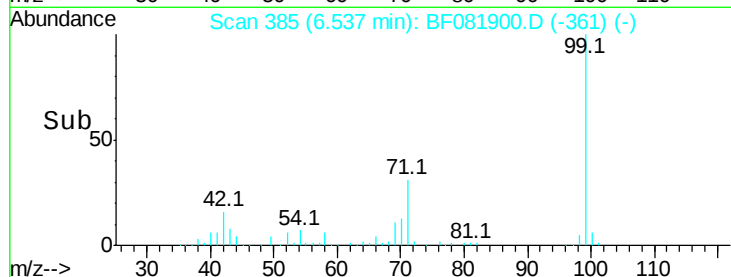
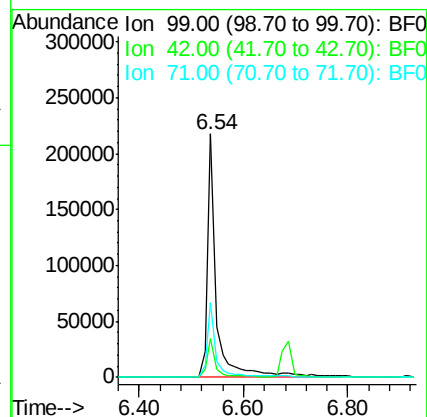
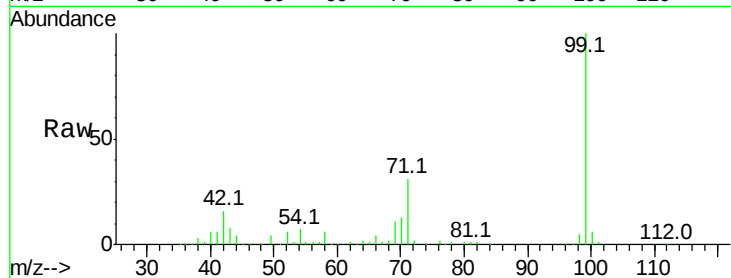
Tot Ion: 99 Resp: 264597

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

71 30.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081900.D

Acq: 30 Sep 2015 6:29

Tgt Ion: 136 Resp: 403670

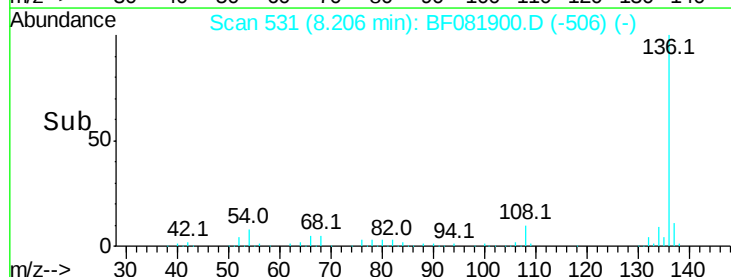
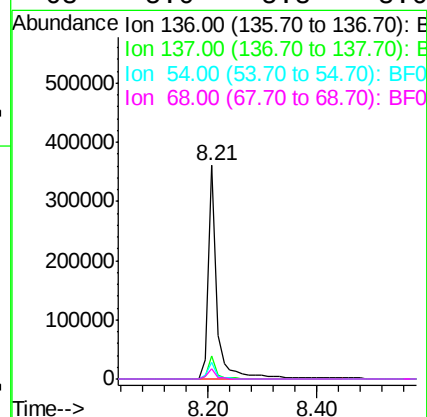
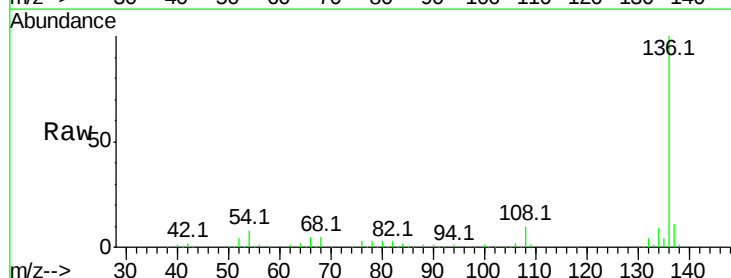
Ion Ratio Lower Upper

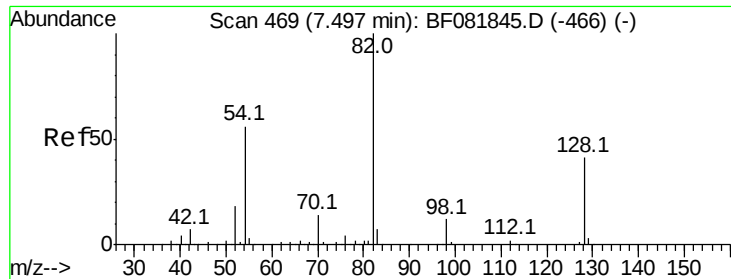
136 100

137 10.9 9.0 13.6

54 7.7 8.2 12.2#

68 5.0 5.8 8.6#

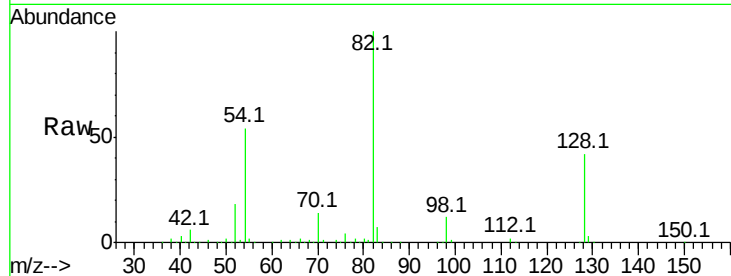




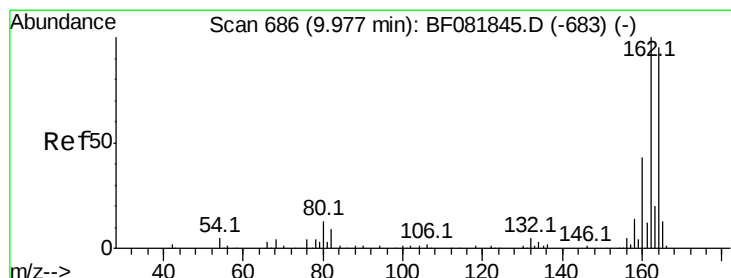
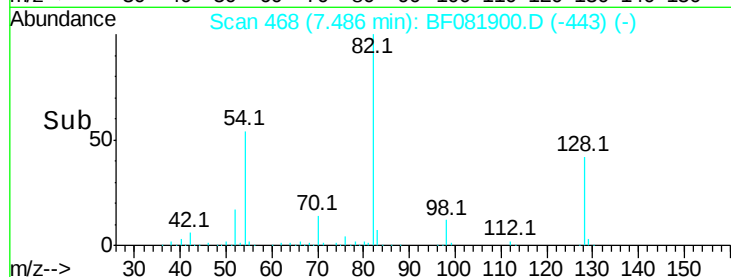
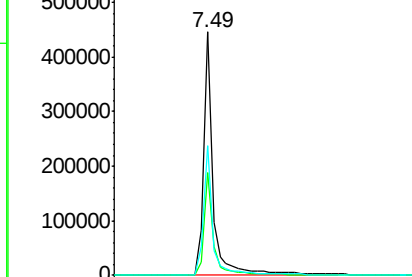
#23
 Nitrobenzene-d5
 Concen: 89.71 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	53.5	47.5	71.3

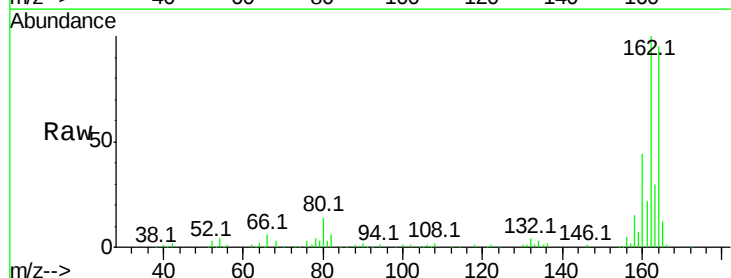


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

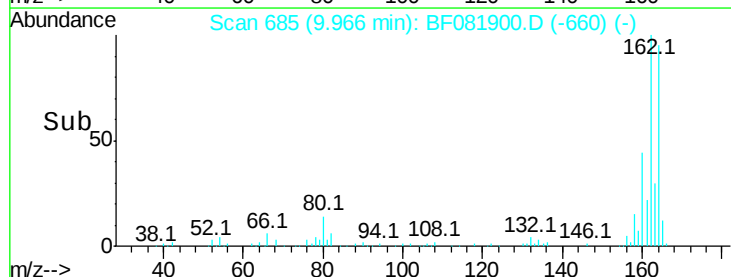
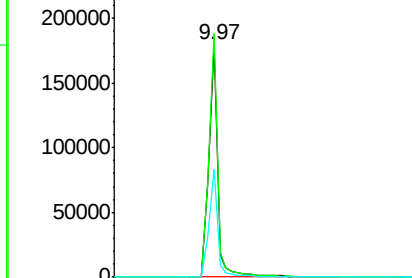


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	46.7	31.5	47.3



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

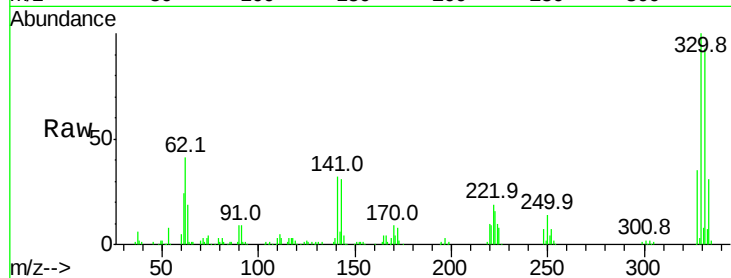




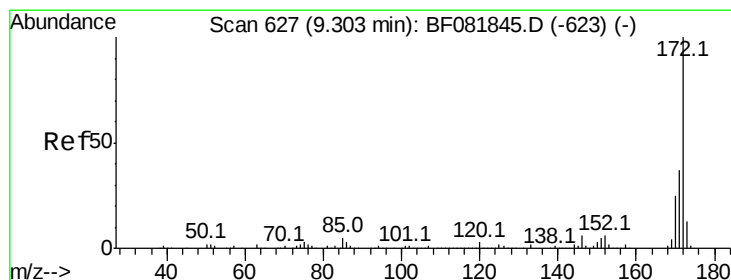
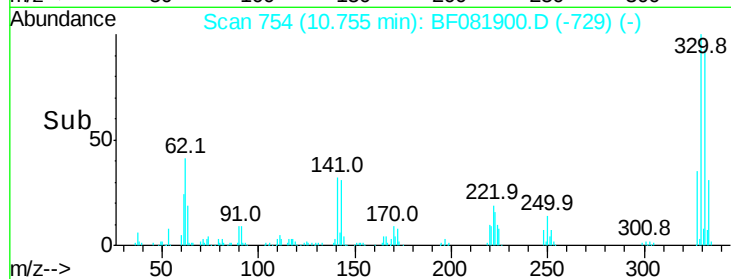
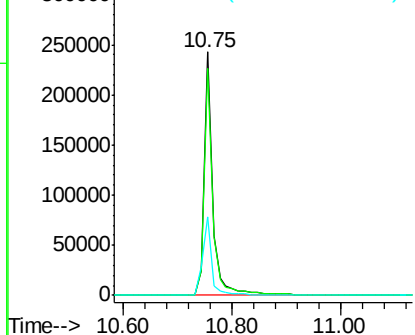
#41
 2,4,6-Tribromophenol
 Concen: 128.56 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 FB092315

Tot Ion:330 Resp: 265384
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 34.3 29.7 44.5

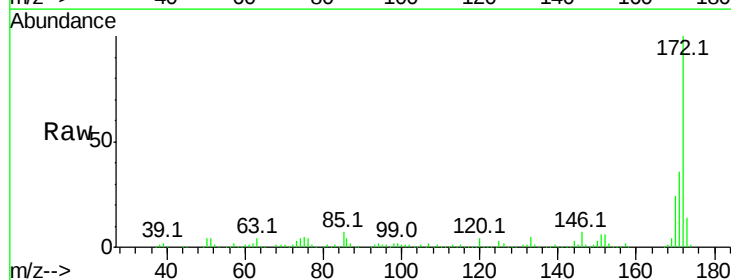


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

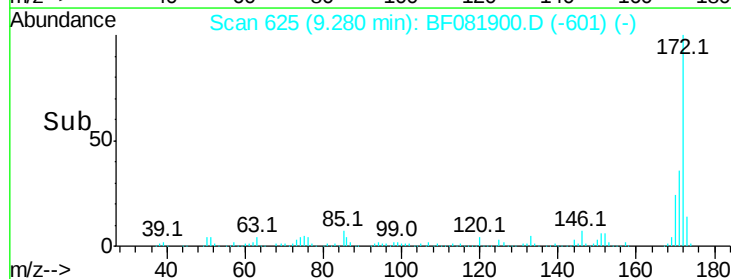
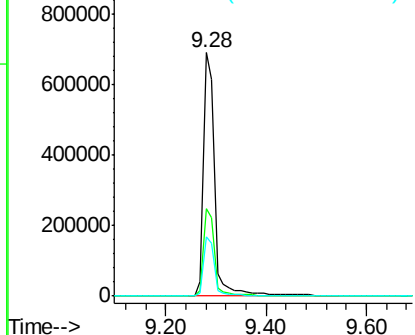


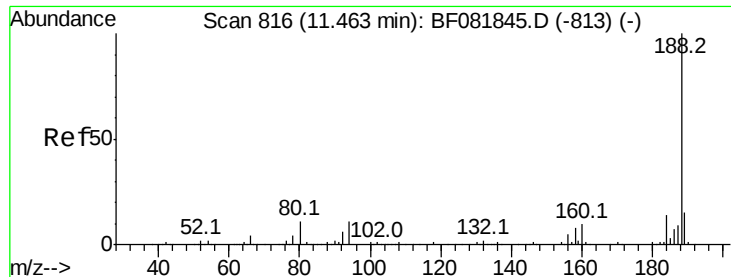
#44
 2-Fluorobiphenyl
 Concen: 90.33 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:172 Resp: 1086917
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.4 17.4 26.2



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

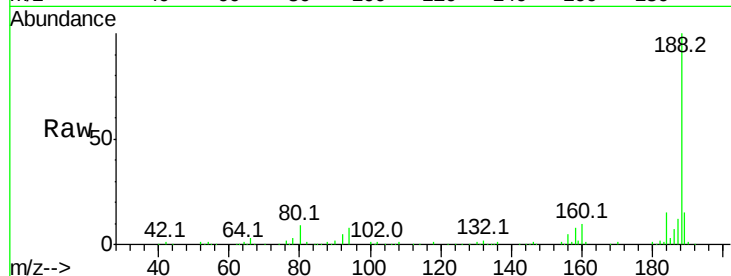




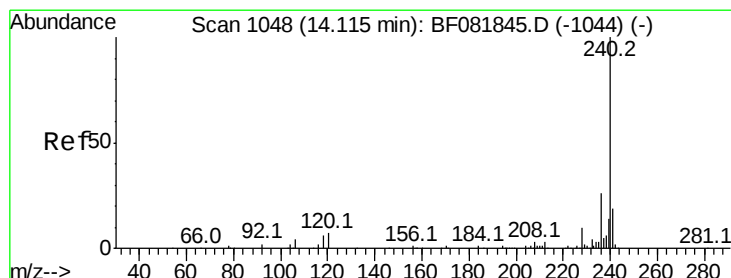
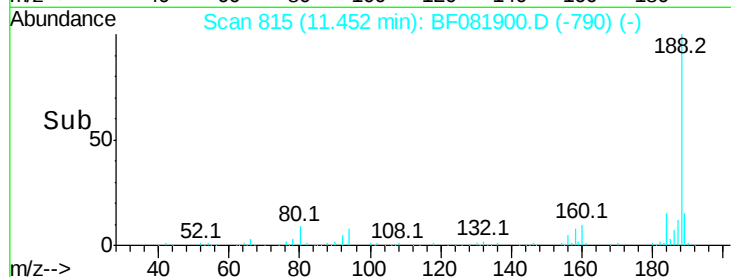
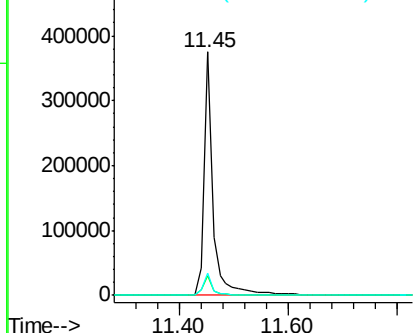
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081900.D
Acq: 30 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
FB092315

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	8.9	11.0	16.4#

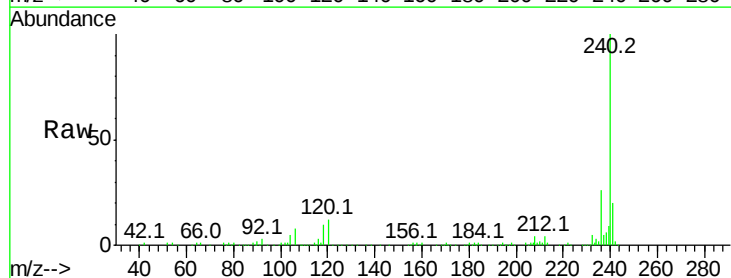


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

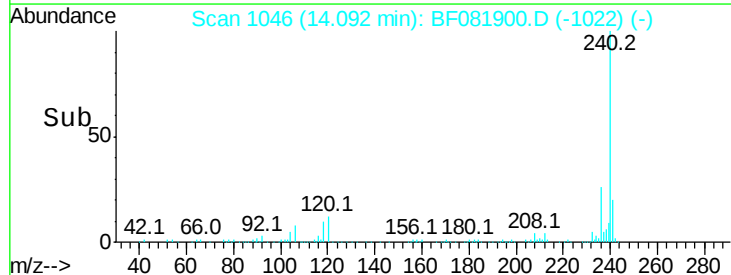
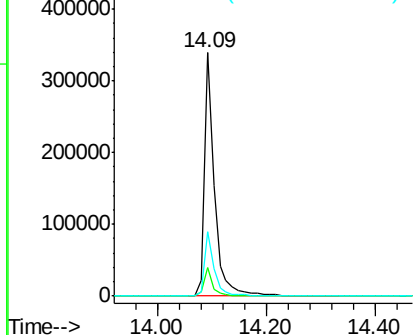


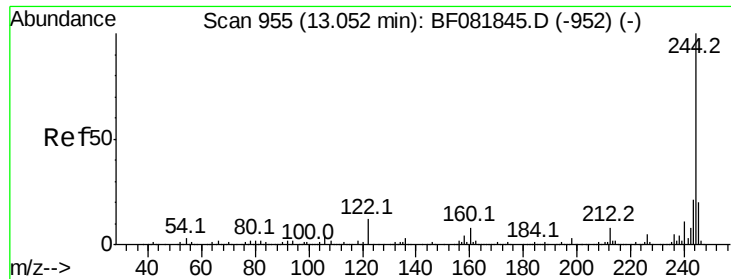
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081900.D
Acq: 30 Sep 2015 6:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	16.2	24.2#
236	26.3	18.4	27.6



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

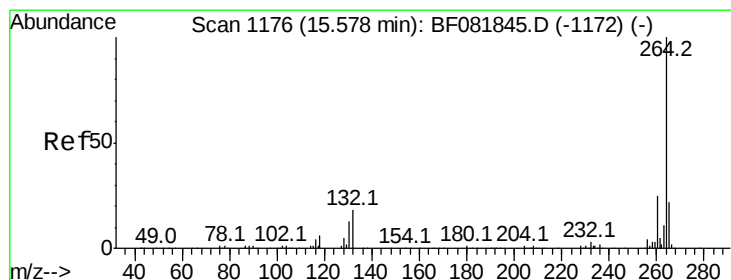
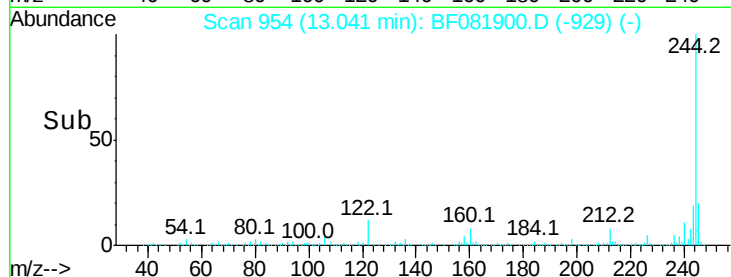
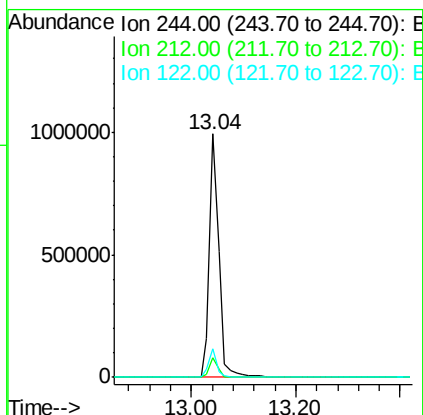
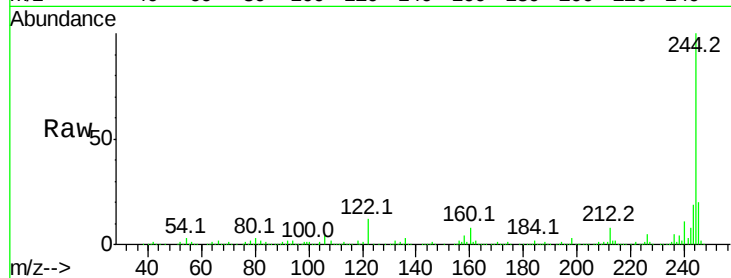




#78
 Terphenyl-d14
 Concen: 98.84 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Instrument :
 BNA_F
 ClientSampled :
 FB092315

Tot Ion:244 Resp: 1249875
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF081900.D
 Acq: 30 Sep 2015 6:29

Tgt Ion:264 Resp: 376867
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.6 17.2 25.8

