

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081908.D
 Acq On : 30 Sep 2015 10:39
 Operator : UM/IZ
 Sample : G3799-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Quant Time: Sep 30 12:19:36 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	114484	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	452851	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	142663	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	307889	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	296907	20.00	ng	-0.02
86) Perylene-d12	15.56	264	249848	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	288866	45.80	ng	-0.01
7) Phenol-d6	6.54	99	253871	31.99	ng	-0.02
23) Nitrobenzene-d5	7.49	82	605033	89.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	204963	141.86	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1297807	209.08	ng	-0.02
78) Terphenyl-d14	13.04	244	948012	113.31	ng	-0.01

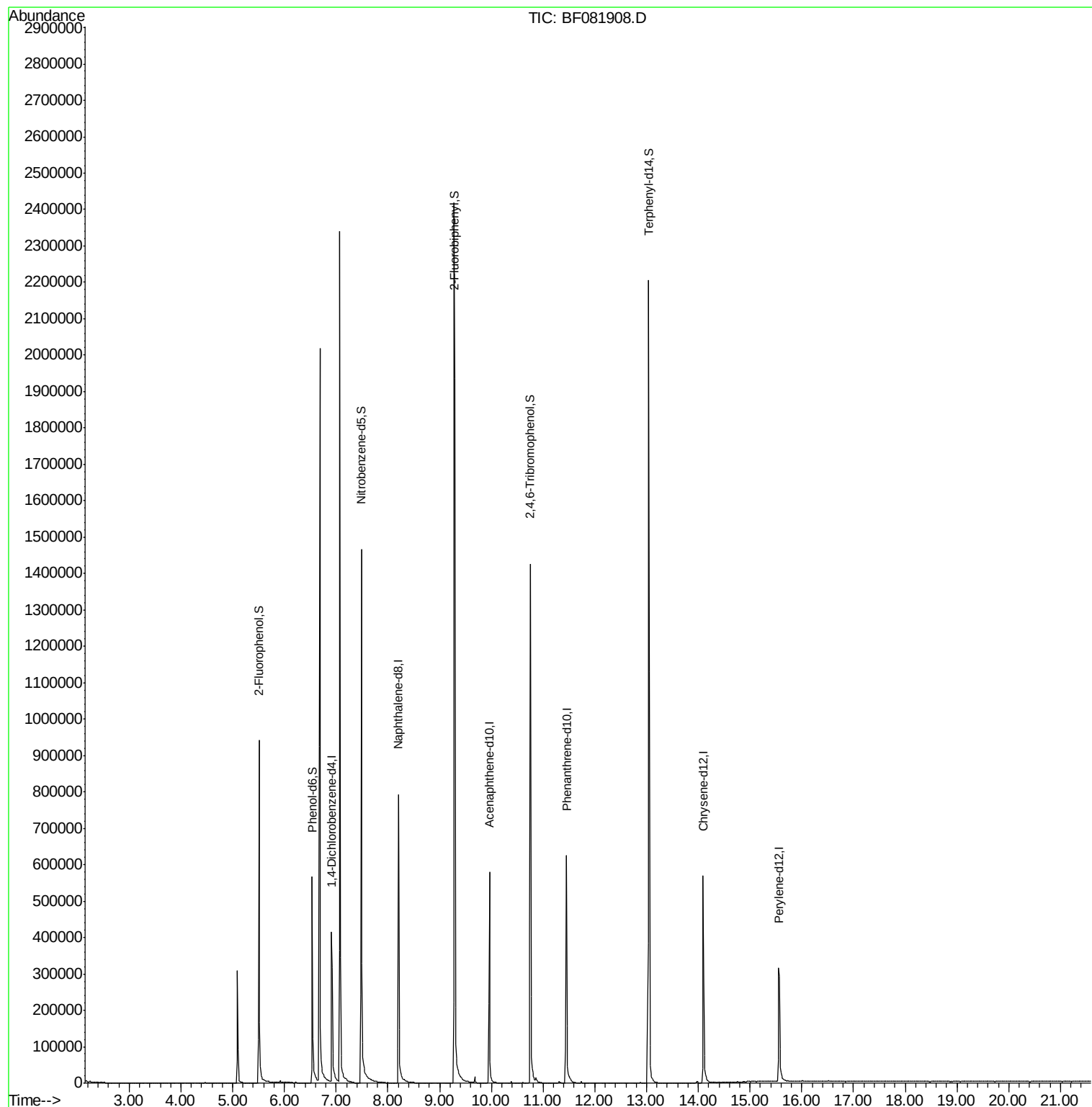
Target Compounds Qvalue

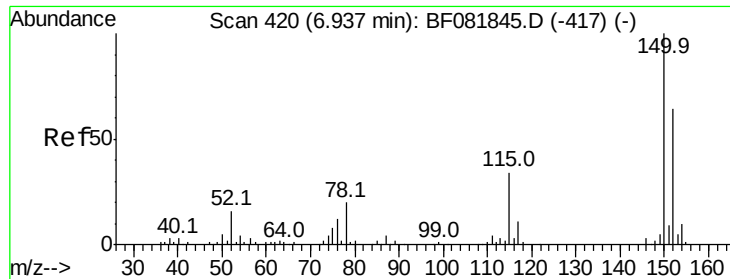
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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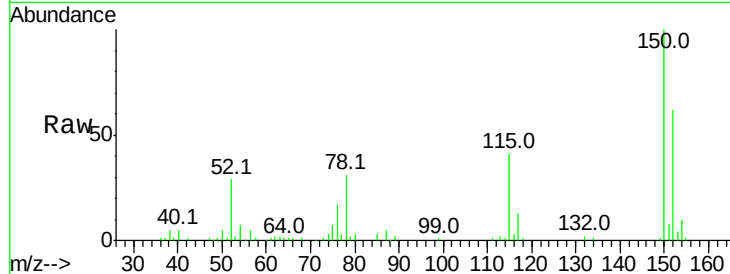


#1

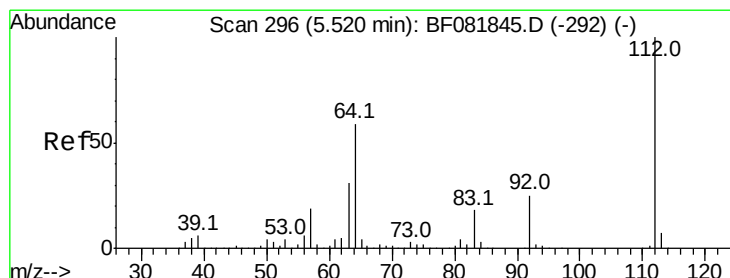
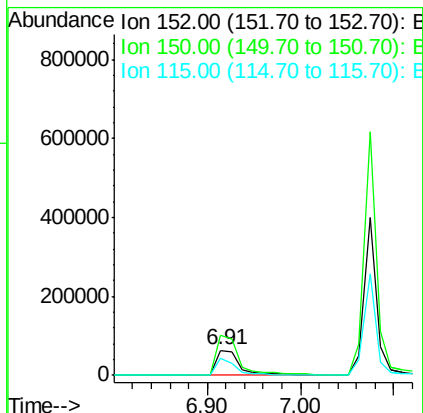
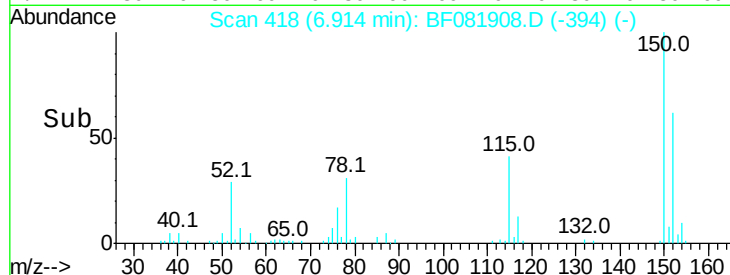
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081908.D
Acq: 30 Sep 2015 10:39

Instrument :
BNA_F
ClientSampleId :
S8-0484

Tot Ion:152 Resp: 114484
Ion Ratio Lower Upper
152 100
150 161.7 124.7 187.1
115 66.2 39.0 58.4#



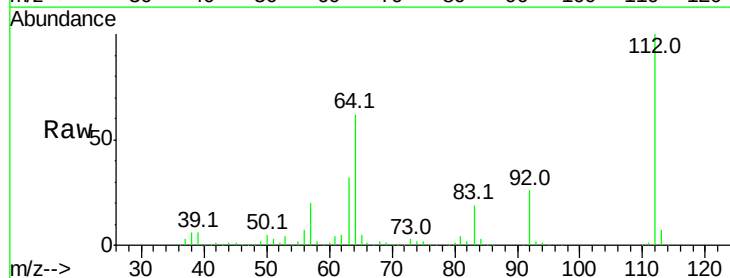
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



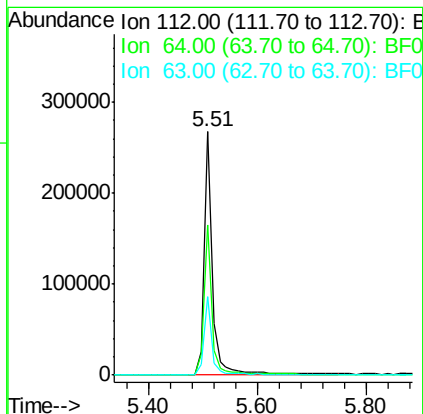
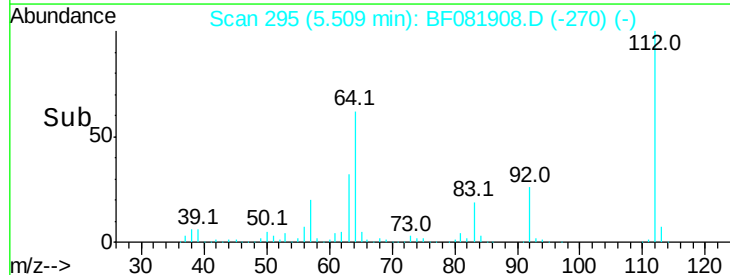
#5

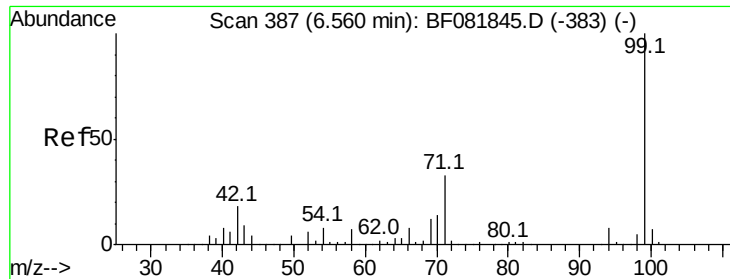
2-Fluorophenol
Concen: 45.80 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081908.D
Acq: 30 Sep 2015 10:39

Tgt Ion:112 Resp: 288866
Ion Ratio Lower Upper
112 100
64 61.8 39.7 59.5#
63 32.0 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: 31.99 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081908.D

Acq: 30 Sep 2015 10:39

Instrument :

BNA_F

ClientSampleId :

S8-0484

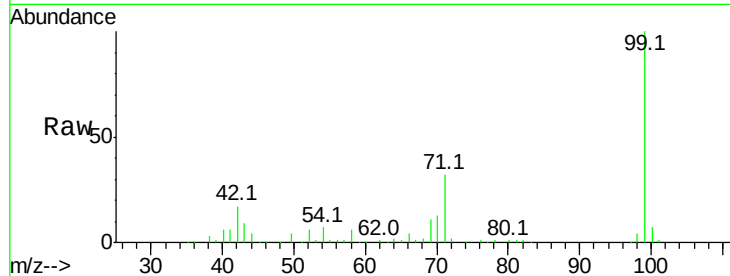
Tot Ion: 99 Resp: 253871

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

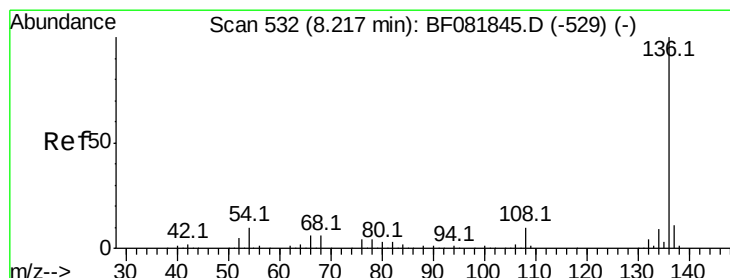
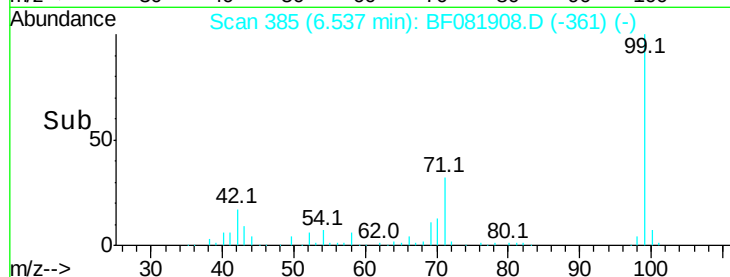
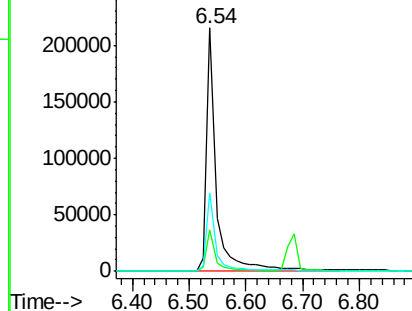
71 32.2 14.2 21.2#



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: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081908.D

Acq: 30 Sep 2015 10:39

Tgt Ion: 136 Resp: 452851

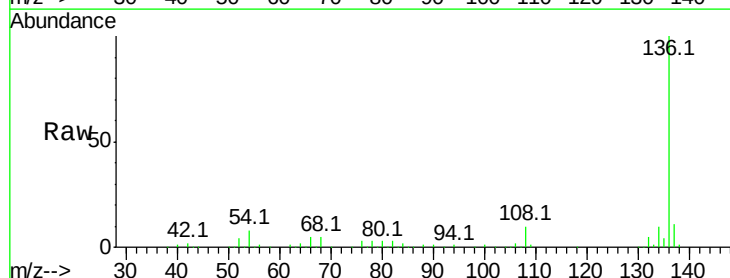
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 8.2 12.2#

68 5.4 5.8 8.6#

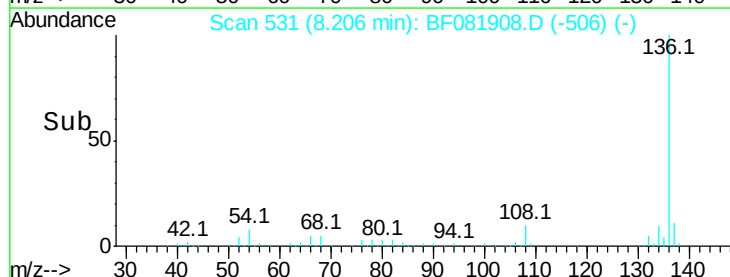
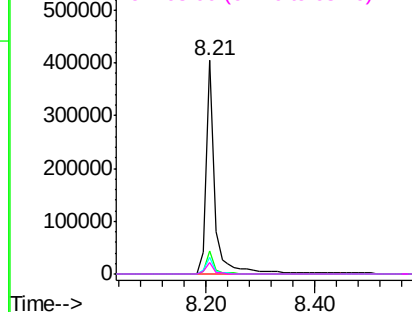


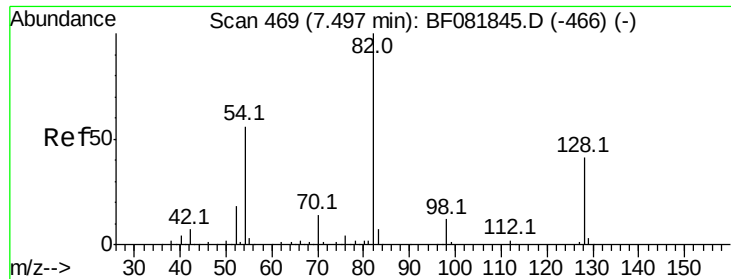
Abundance Ion 136.00 (135.70 to 136.70): E

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

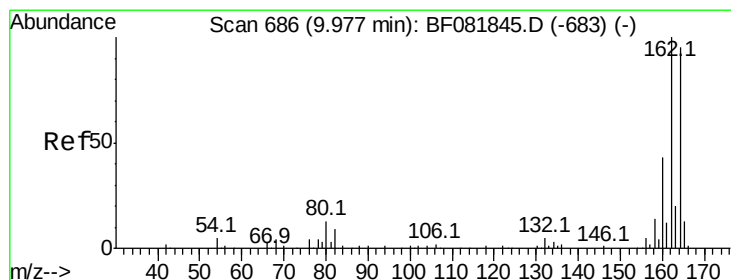
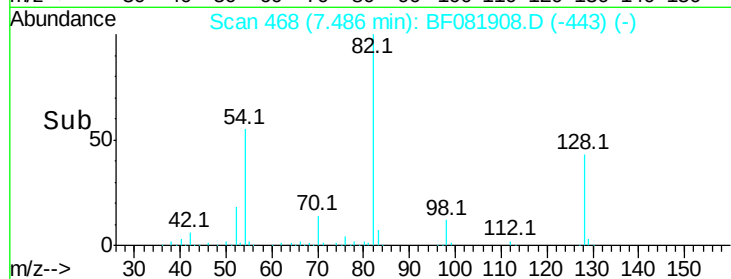
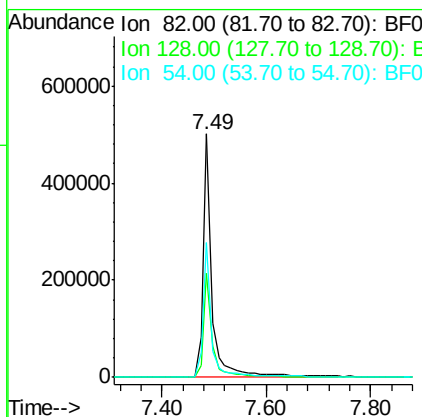
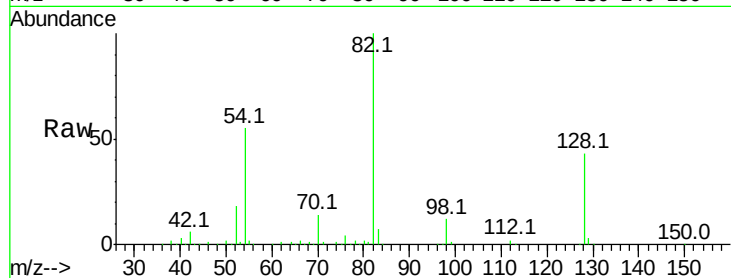




#23
 Nitrobenzene-d5
 Concen: 89.06 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

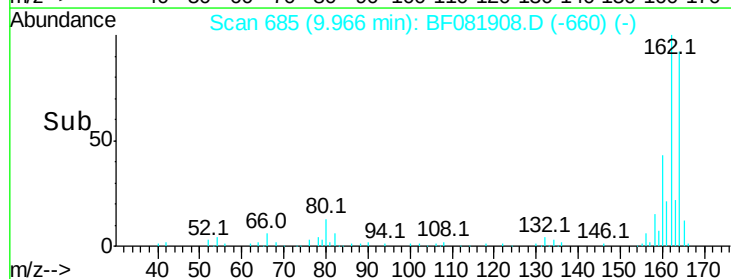
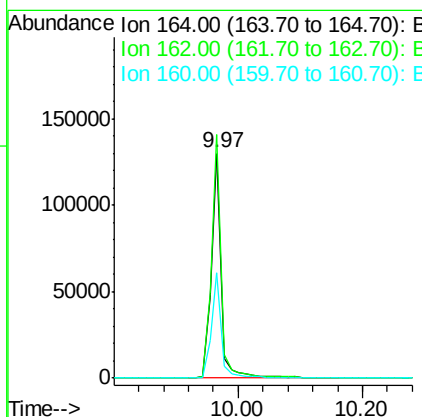
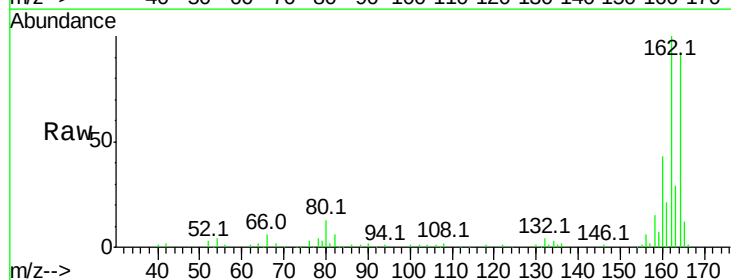
Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

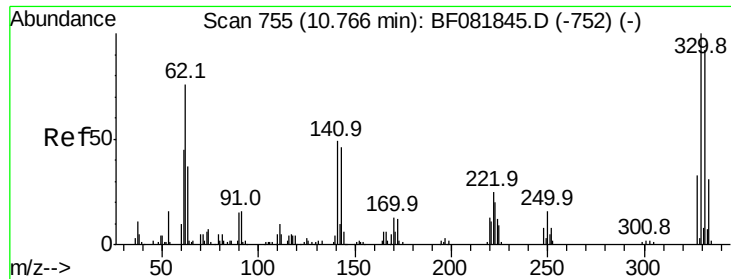
Tot Ion	82	Resp	605033
Ion Ratio	100		
Lower	51.0		
Upper	76.6#		
54	55.2	47.5	71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Tgt Ion	164	Resp	142663
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>75.2</td> <td></td> <td></td>	75.2		
Upper <td>112.8</td> <td></td> <td></td>	112.8		
162	108.3	31.5	47.3

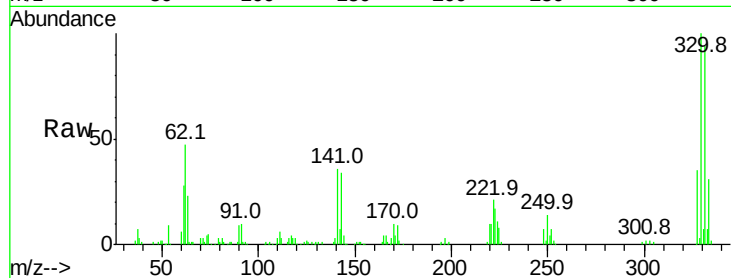




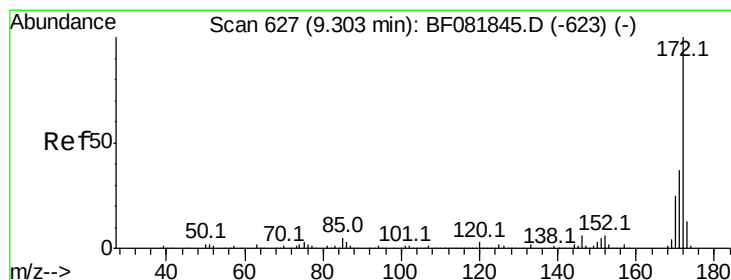
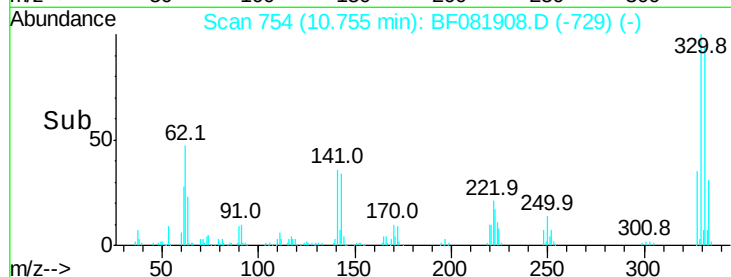
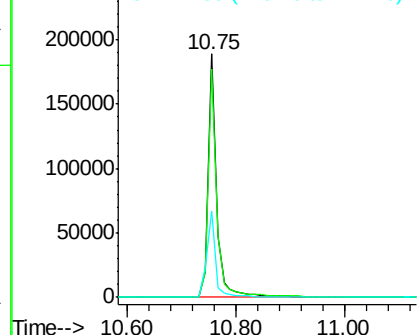
#41
 2,4,6-Tribromophenol
 Concen: 141.86 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Instrument :
 BNA_F
 ClientSampled :
 S8-0484

Tot Ion:330 Resp: 204963
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 37.0 29.7 44.5

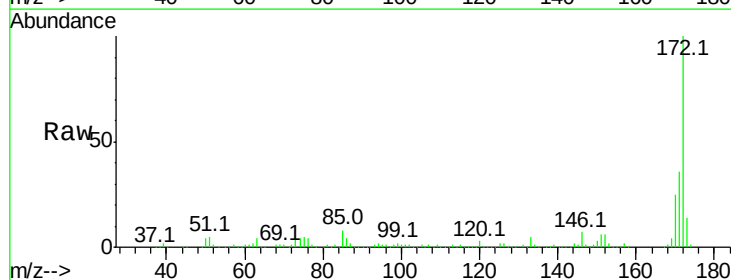


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

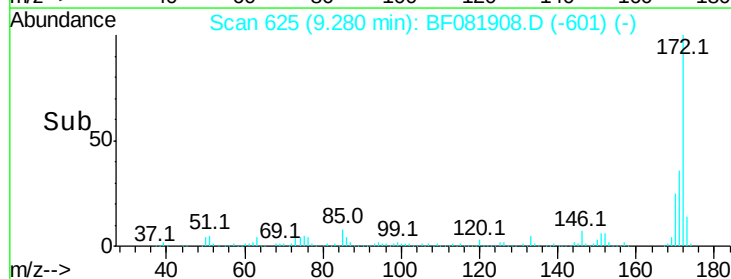
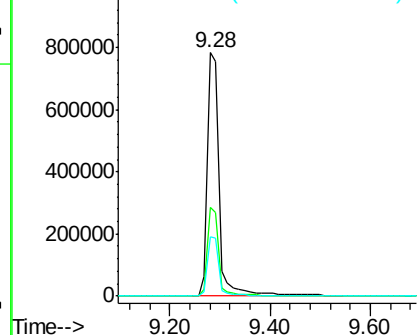


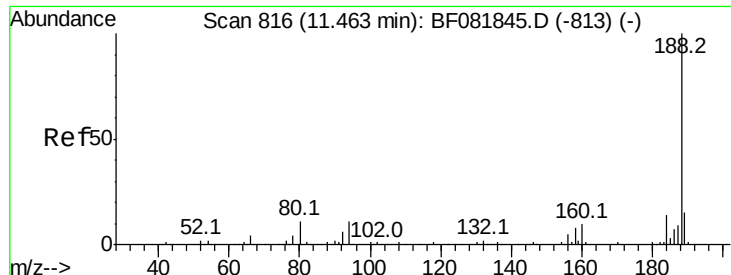
#44
 2-Fluorobiphenyl
 Concen: 209.08 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Tgt Ion:172 Resp: 1297807
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.6 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

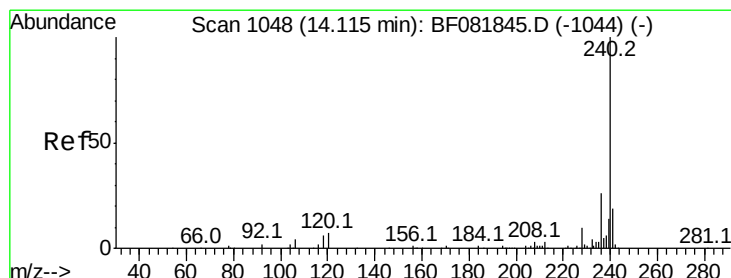
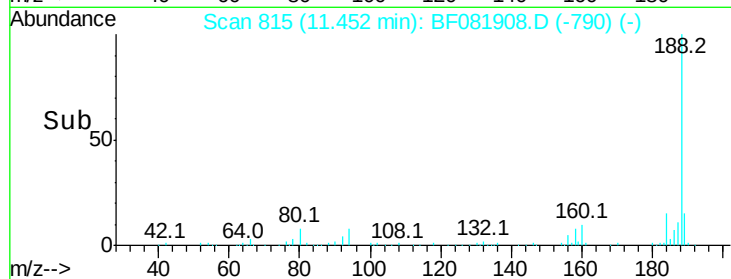
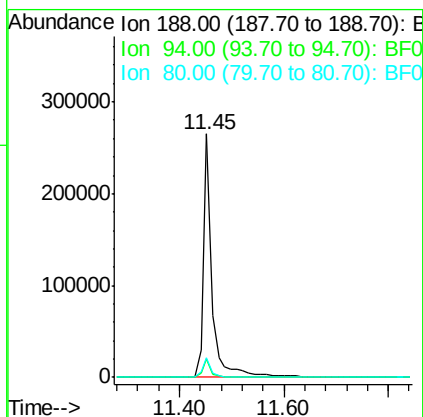
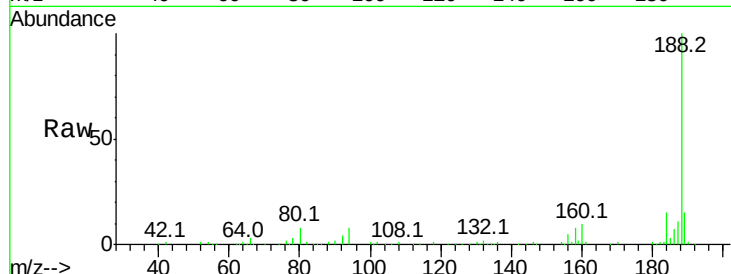




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

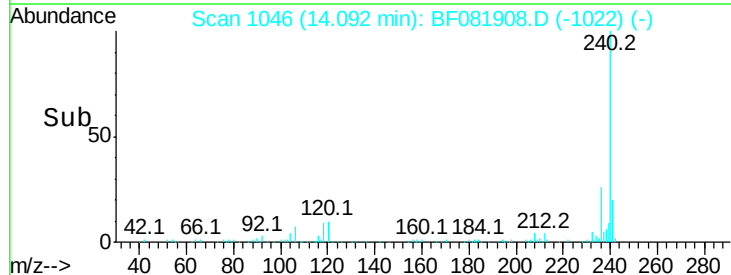
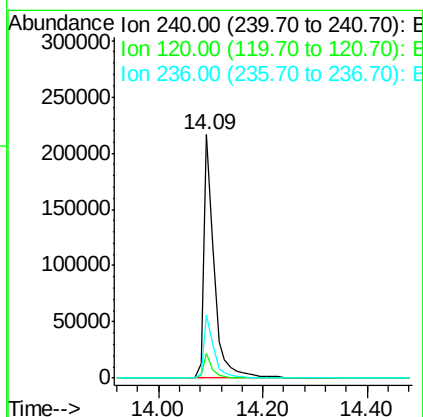
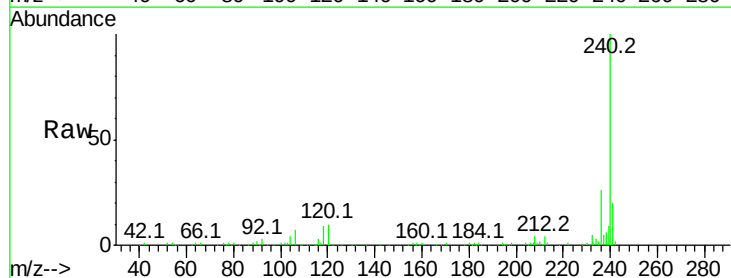
Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

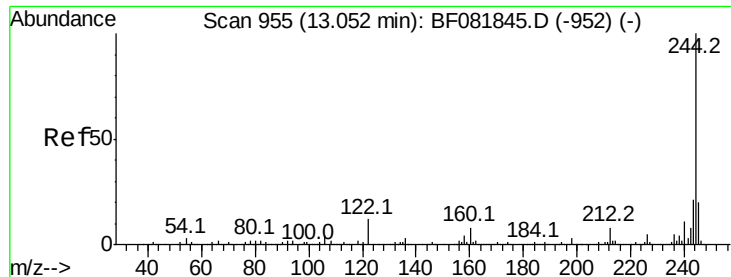
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	8.2	11.0	16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	16.2	24.2#
236	25.9	18.4	27.6

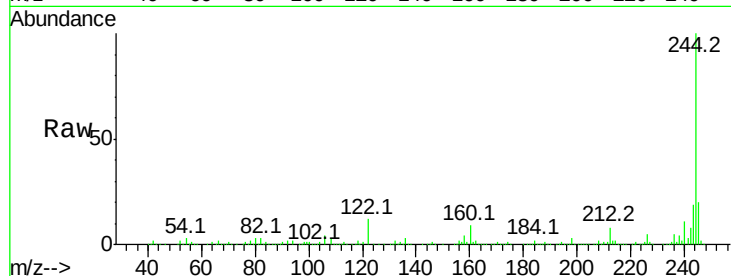




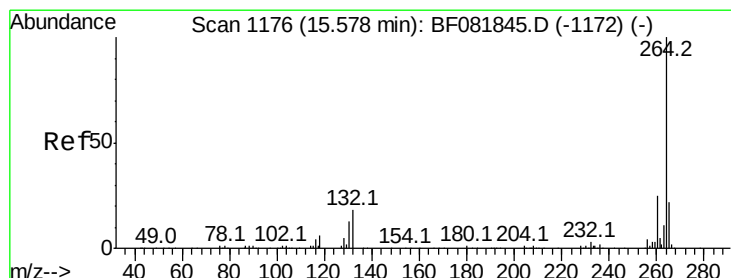
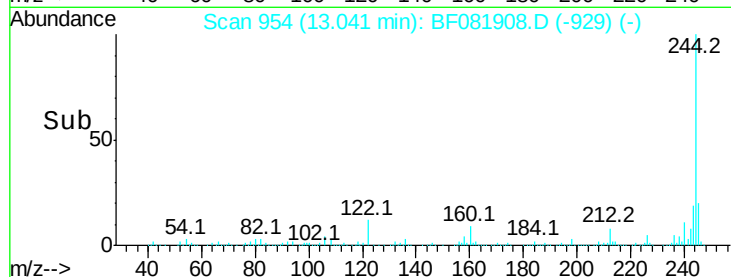
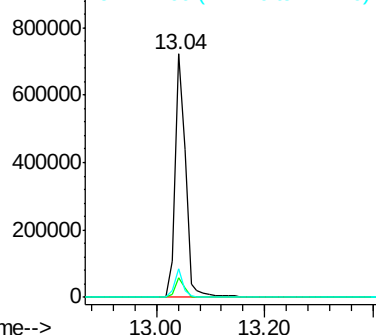
#78
 Terphenyl-d14
 Concen: 113.31 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Instrument :
 BNA_F
 ClientSampled :
 S8-0484

Tot Ion:244 Resp: 948012
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.8 17.4 26.2#

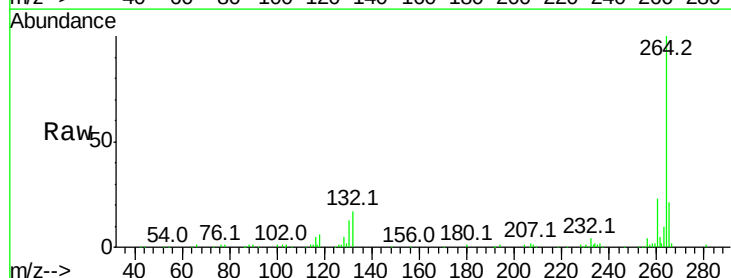


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF081908.D
 Acq: 30 Sep 2015 10:39

Tgt Ion:264 Resp: 249848
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.0 17.2 25.8



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

