

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081865.D
 Acq On : 29 Sep 2015 4:31
 Operator : UM/IZ
 Sample : G3717-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-9-16-15

Quant Time: Sep 29 05:09:48 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	6.94	152	112834	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	461070	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225026	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	443990	20.00	ng	0.00
75) Chrysene-d12	14.10	240	415325	20.00	ng	-0.01
86) Perylene-d12	15.58	264	329105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	330866	53.23	ng	0.00
7) Phenol-d6	6.55	99	279663	35.76	ng	-0.01
23) Nitrobenzene-d5	7.50	82	696846	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	315545	138.46	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1362675	106.50	ng	0.00
78) Terphenyl-d14	13.05	244	1322317	112.78	ng	0.00

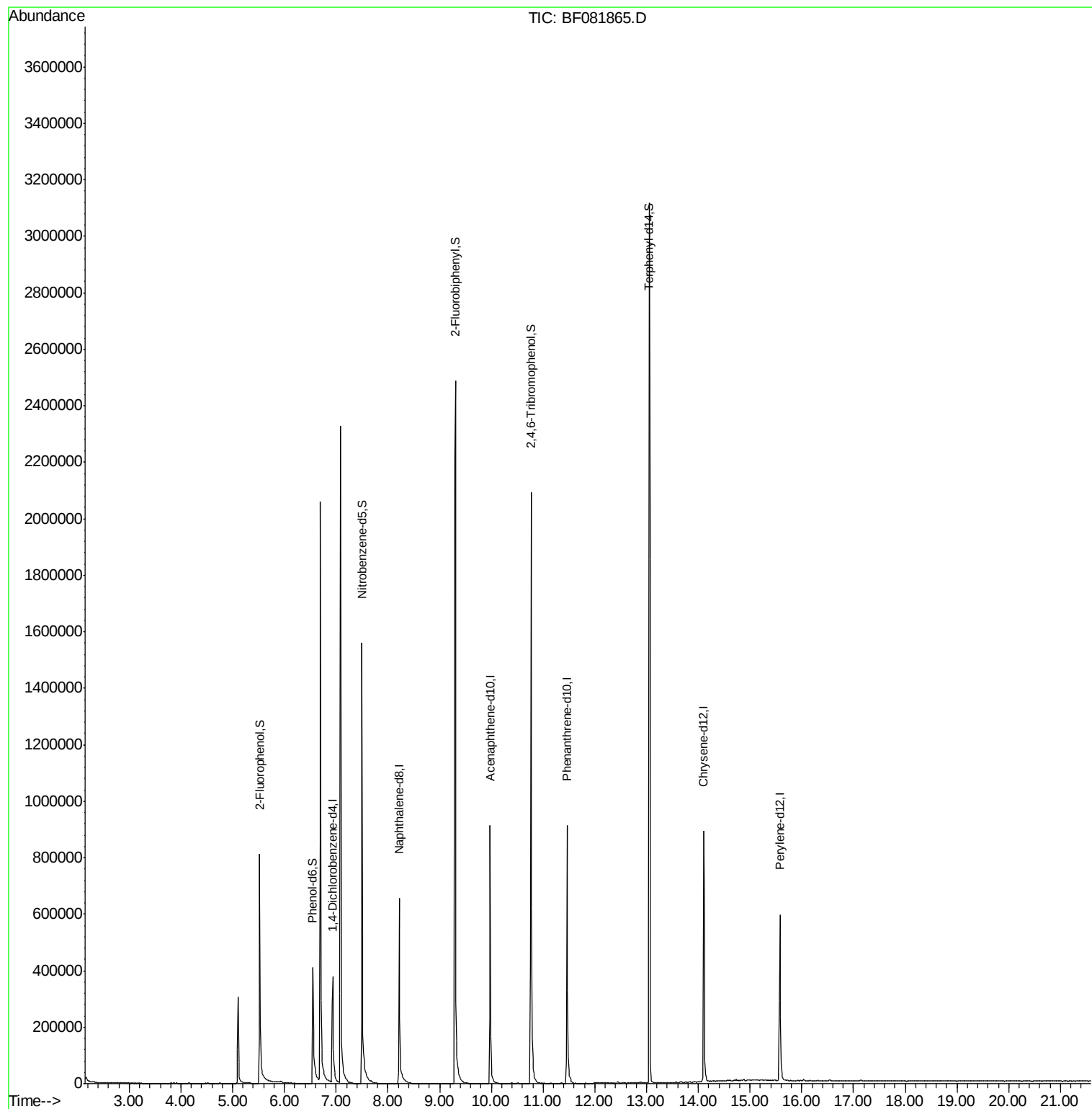
Target Compounds Qvalue

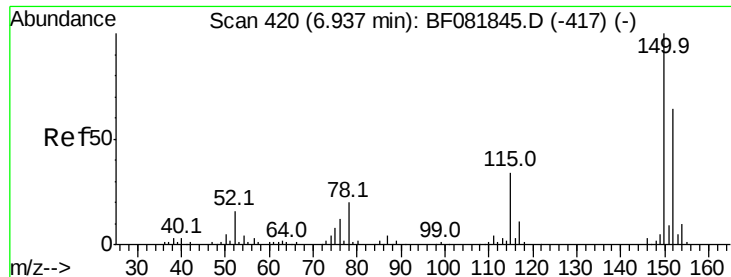
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 28 18:10:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

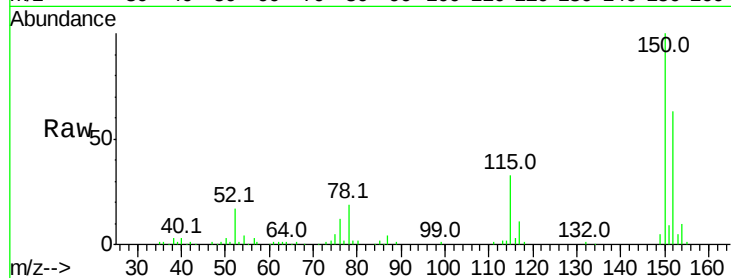
Tot Ion:152 Resp: 112834

Ion Ratio Lower Upper

152 100

150 157.7 124.7 187.1

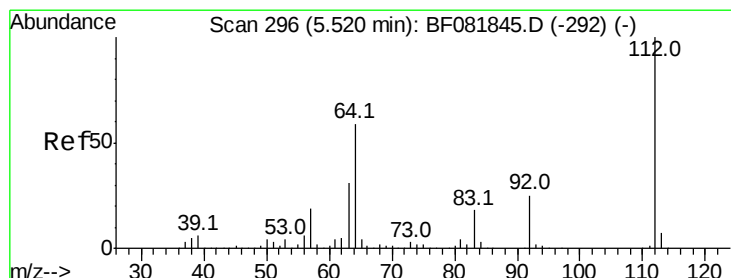
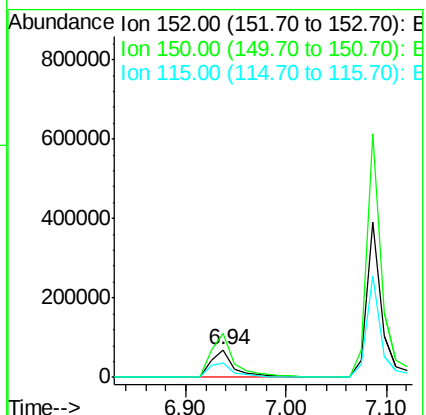
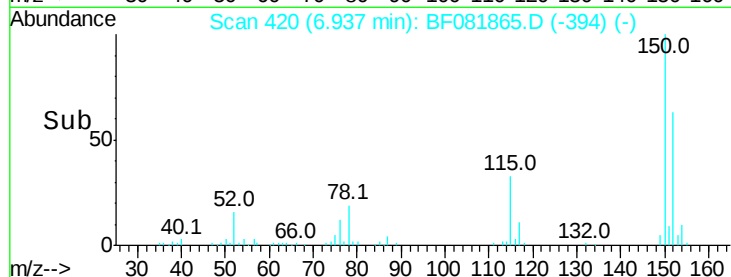
115 52.6 39.0 58.4



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: 53.23 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

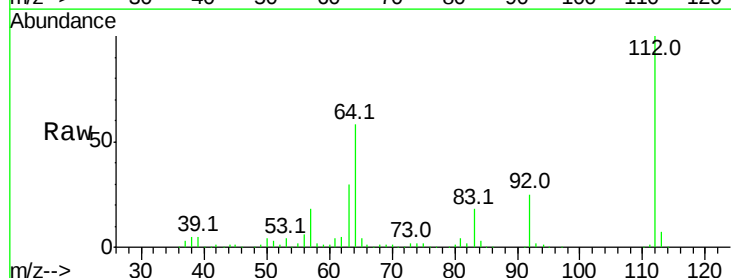
Tgt Ion:112 Resp: 330866

Ion Ratio Lower Upper

112 100

64 58.5 39.7 59.5

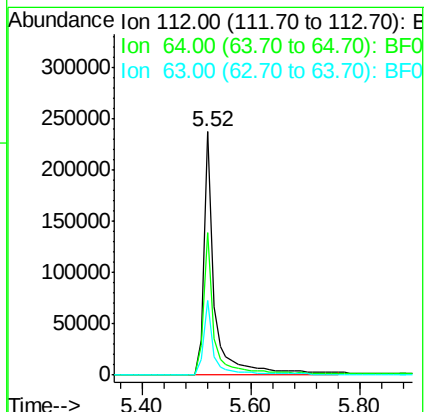
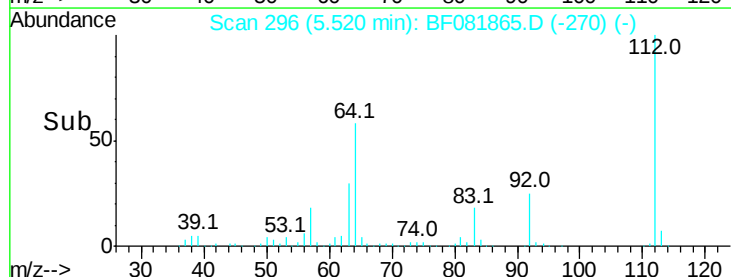
63 30.5 17.4 26.0#

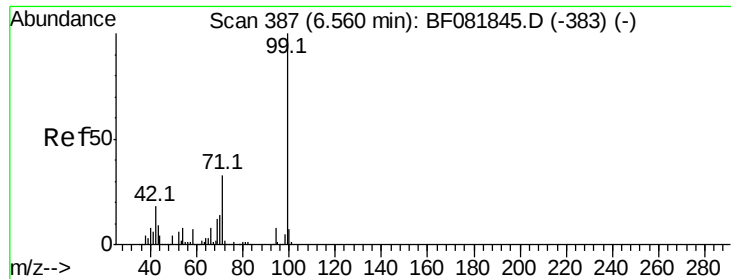


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.76 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

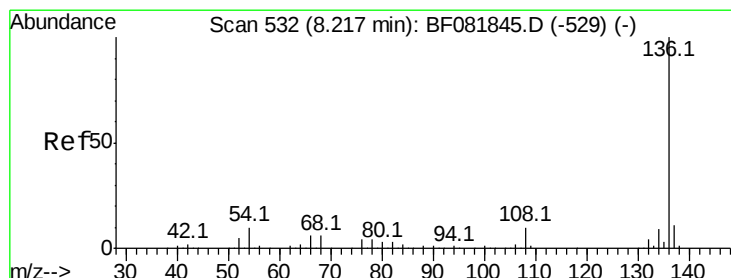
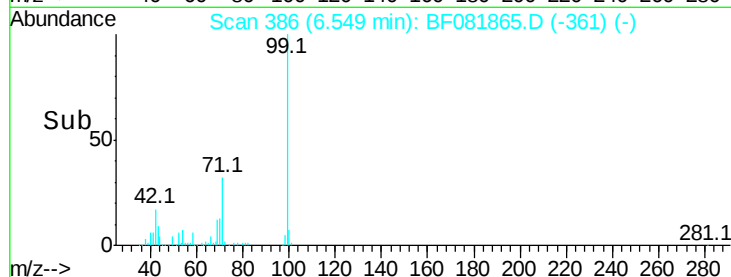
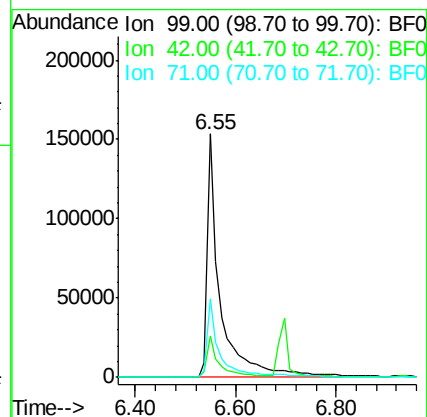
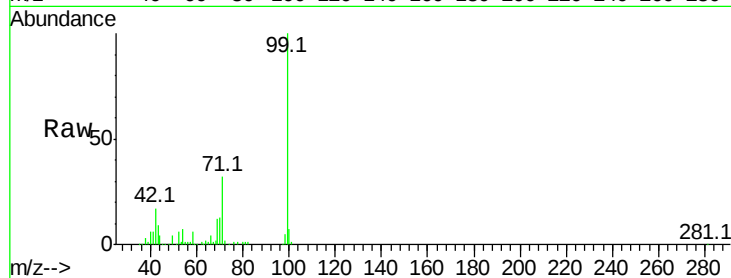
Tot Ion: 99 Resp: 279663

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

71 32.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

Tgt Ion: 136 Resp: 461070

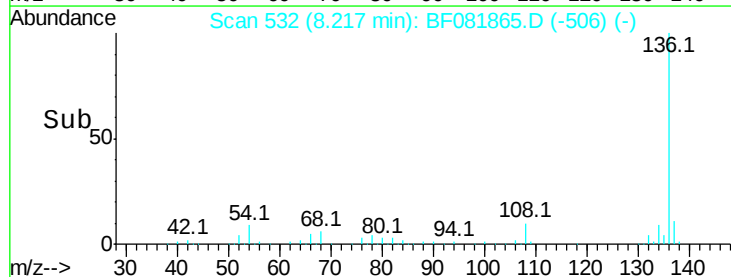
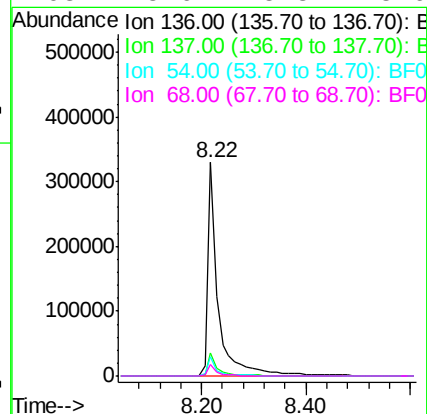
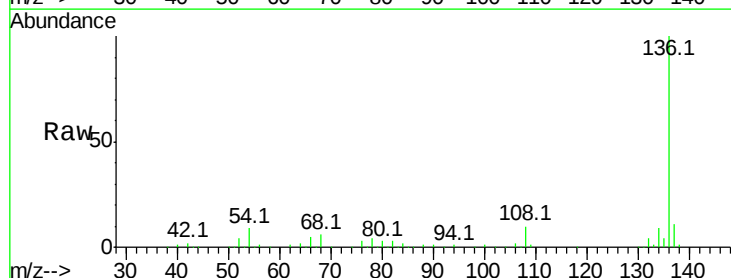
Ion Ratio Lower Upper

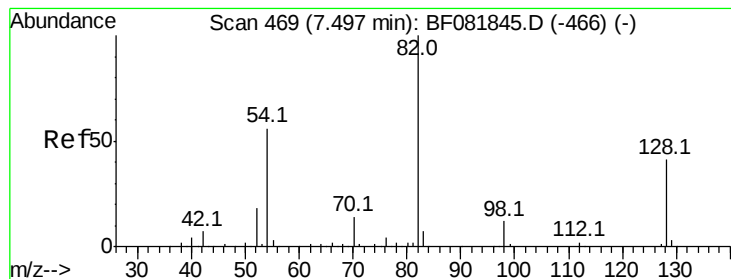
136 100

137 10.8 9.0 13.6

54 8.8 8.2 12.2

68 5.6 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 100.75 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

Instrument :

BNA_F

ClientSampleId :

LIP-16-9-16-15

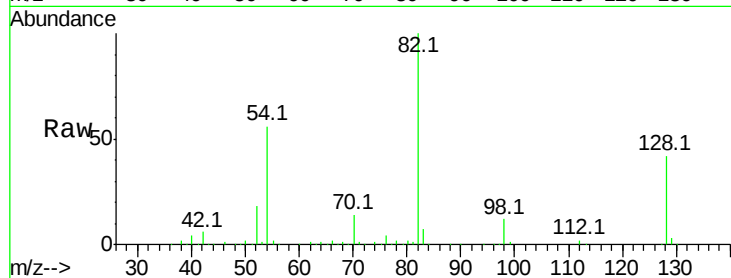
Tot Ion: 82 Resp: 696846

Ion Ratio Lower Upper

82 100

128 42.0 51.0 76.6#

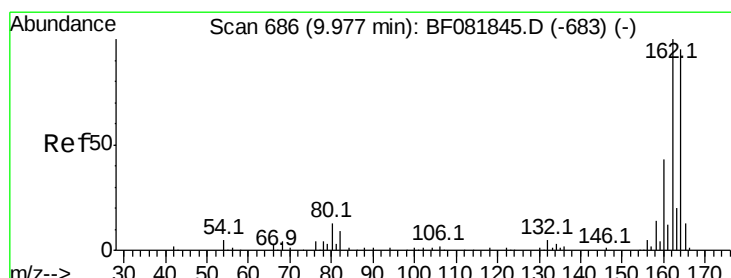
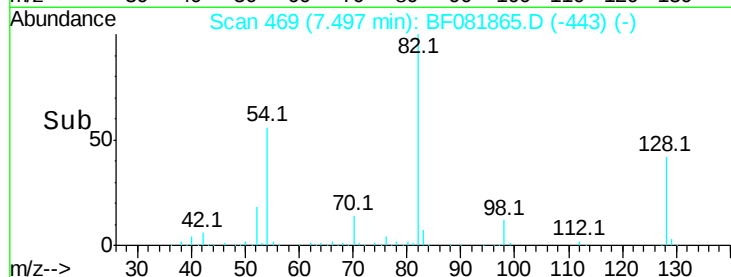
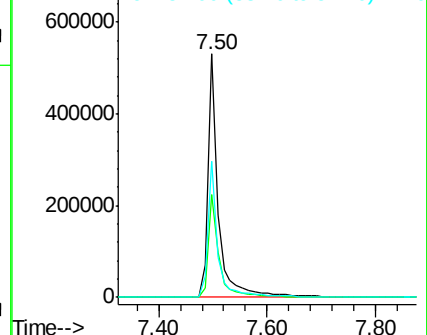
54 56.1 47.5 71.3



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: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081865.D

Acq: 29 Sep 2015 4:31

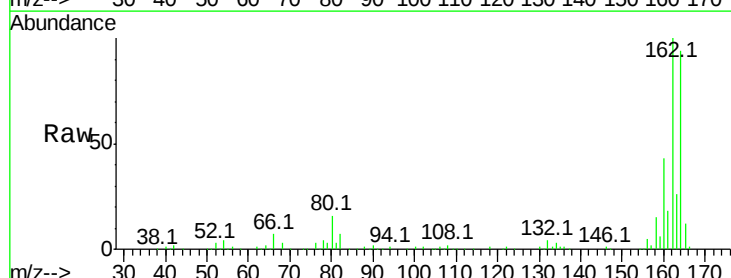
Tgt Ion:164 Resp: 225026

Ion Ratio Lower Upper

164 100

162 106.0 75.2 112.8

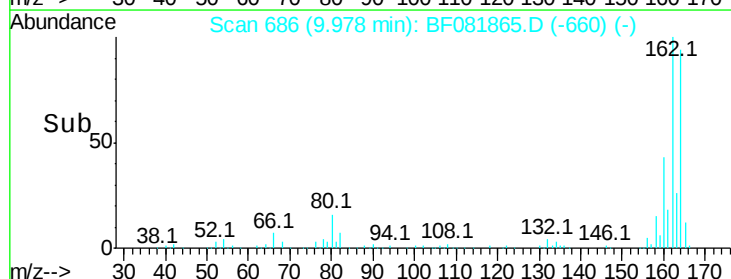
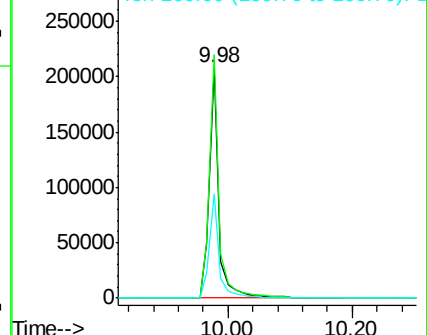
160 45.4 31.5 47.3

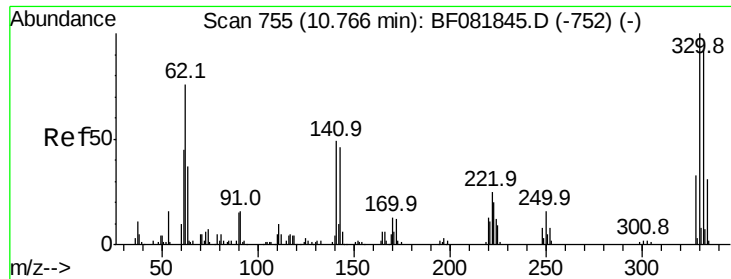


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

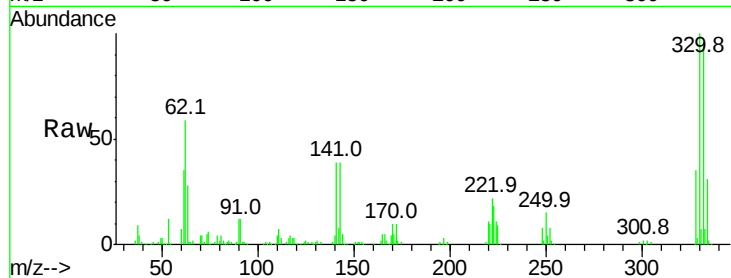




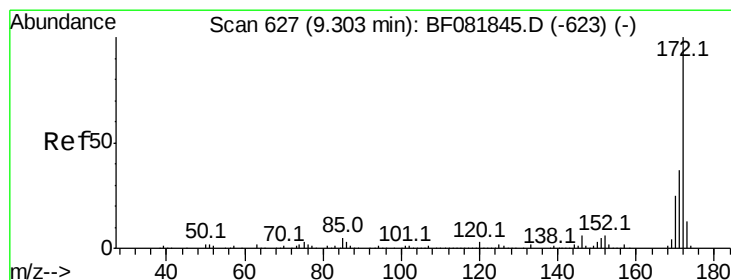
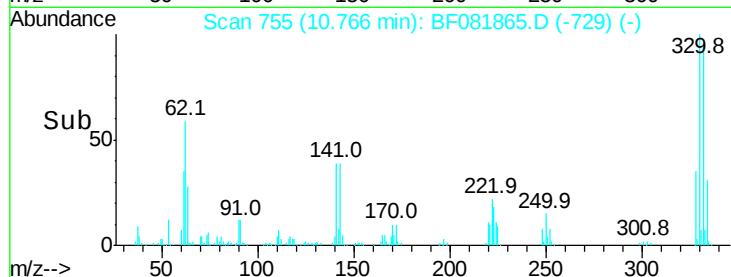
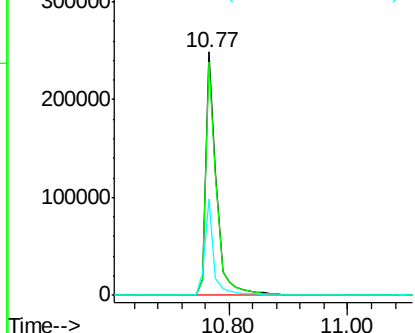
#41
 2,4,6-Tribromophenol
 Concen: 138.46 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081865.D
 Acq: 29 Sep 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-9-16-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.3	29.7	44.5

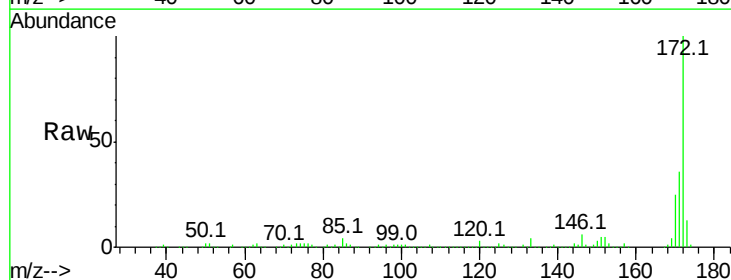


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

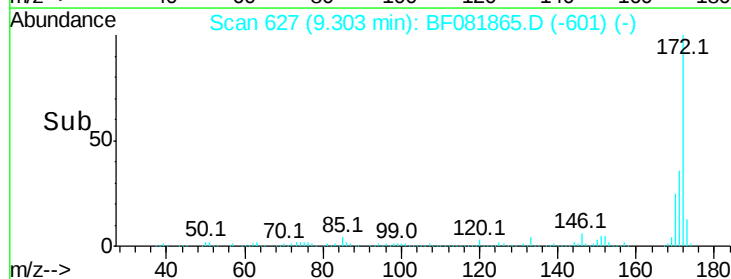
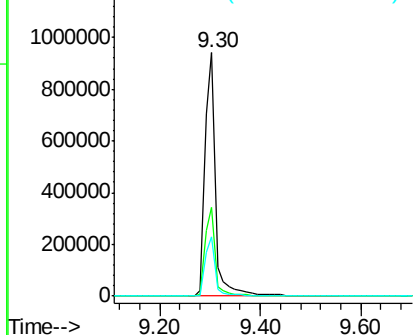


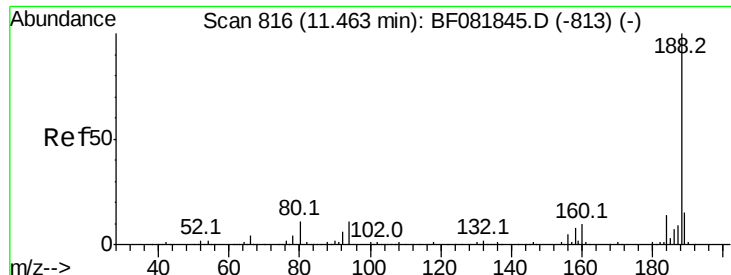
#44
 2-Fluorobiphenyl
 Concen: 106.50 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081865.D
 Acq: 29 Sep 2015 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.5	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

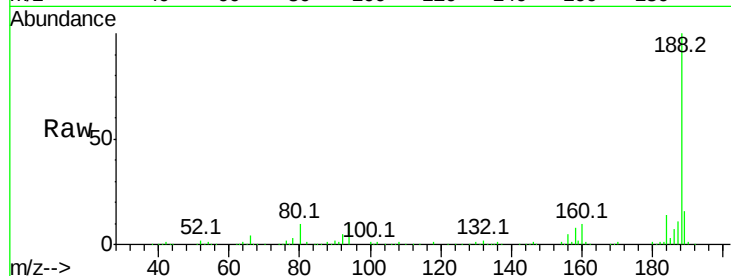




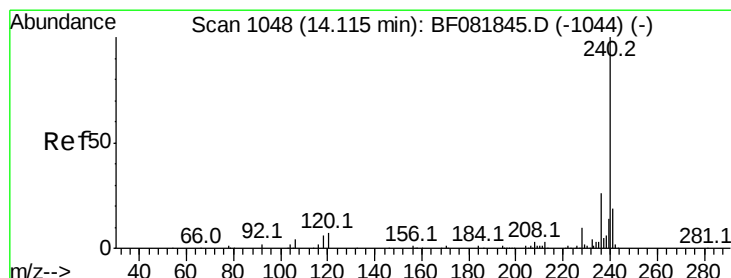
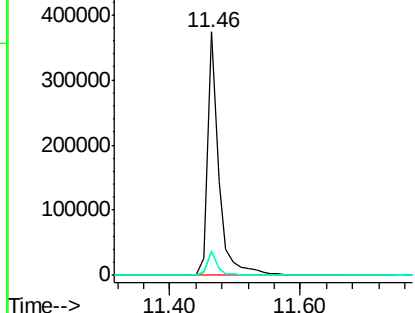
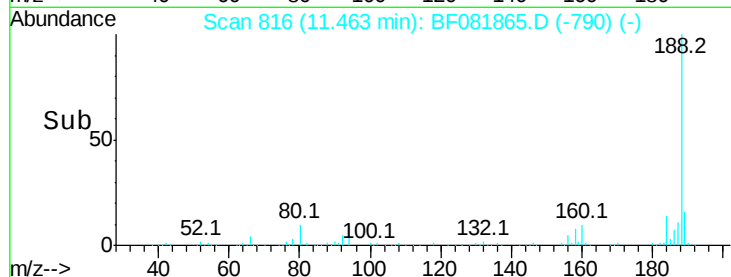
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Instrument :
BNA_F
ClientSampleId :
LIP-16-9-16-15

Tot Ion:188 Resp: 443990
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.3 11.0 16.4#

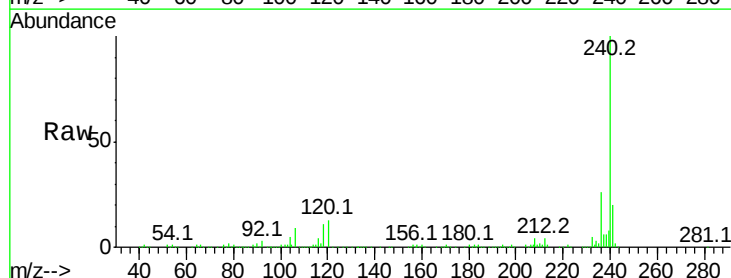


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

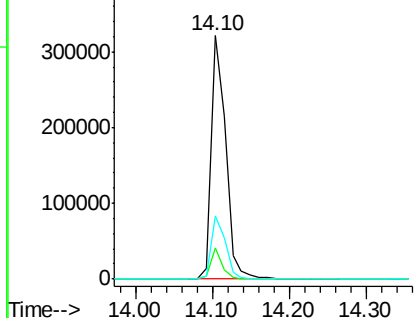
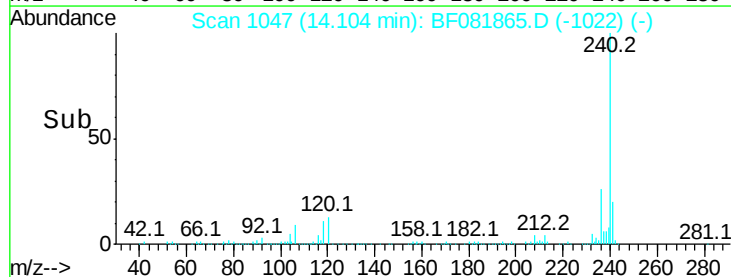


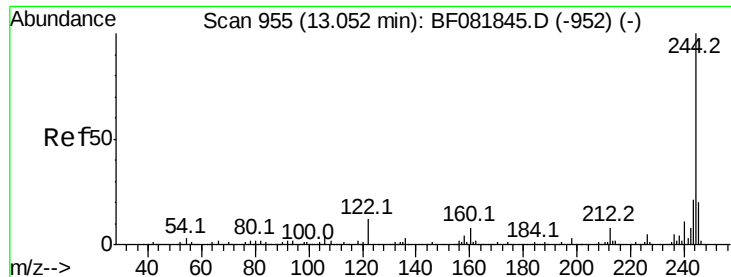
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081865.D
Acq: 29 Sep 2015 4:31

Tgt Ion:240 Resp: 415325
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 26.2 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

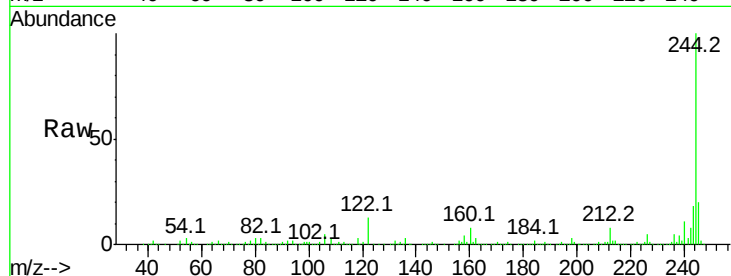




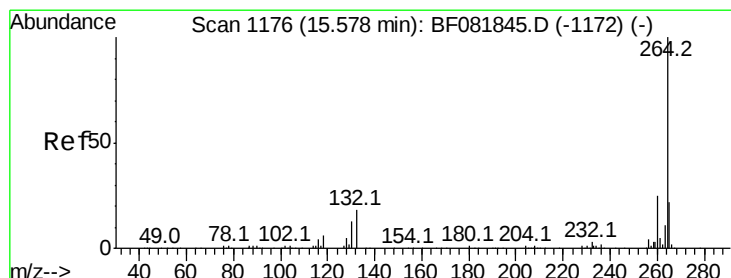
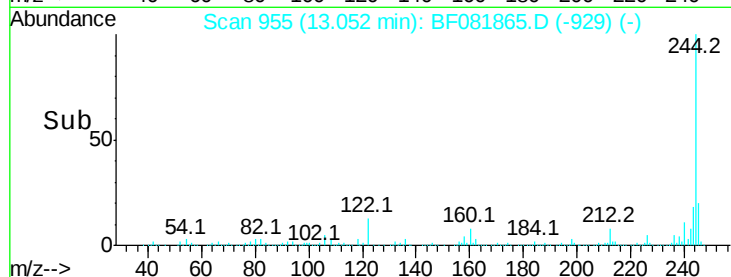
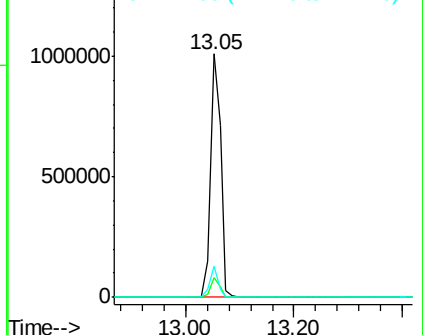
#78
 Terphenyl-d14
 Concen: 112.78 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081865.D
 Acq: 29 Sep 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-9-16-15

Tot Ion:244 Resp: 1322317
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 12.7 17.4 26.2#

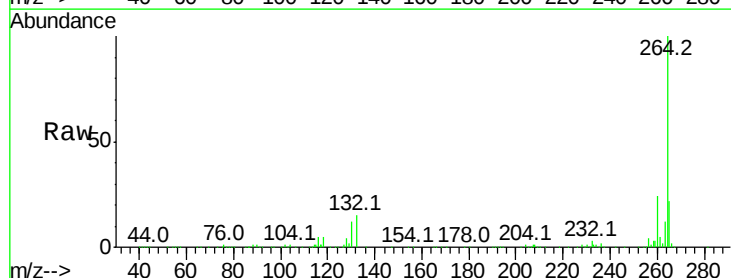


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081865.D
 Acq: 29 Sep 2015 4:31

Tgt Ion:264 Resp: 329105
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.9 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

