

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081852.D
 Acq On : 28 Sep 2015 19:44
 Operator : UM/IZ
 Sample : PB85617BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BL

Quant Time: Sep 29 03:09:49 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	99987	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	409504	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	197626	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	392464	20.00	ng	0.00
75) Chrysene-d12	14.10	240	345547	20.00	ng	-0.01
86) Perylene-d12	15.58	264	275089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	419737	76.21	ng	0.00
7) Phenol-d6	6.55	99	557223	80.40	ng	-0.01
23) Nitrobenzene-d5	7.50	82	492253	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	149411	74.65	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	924939	76.87	ng	-0.01
78) Terphenyl-d14	13.05	244	892723	82.86	ng	0.00

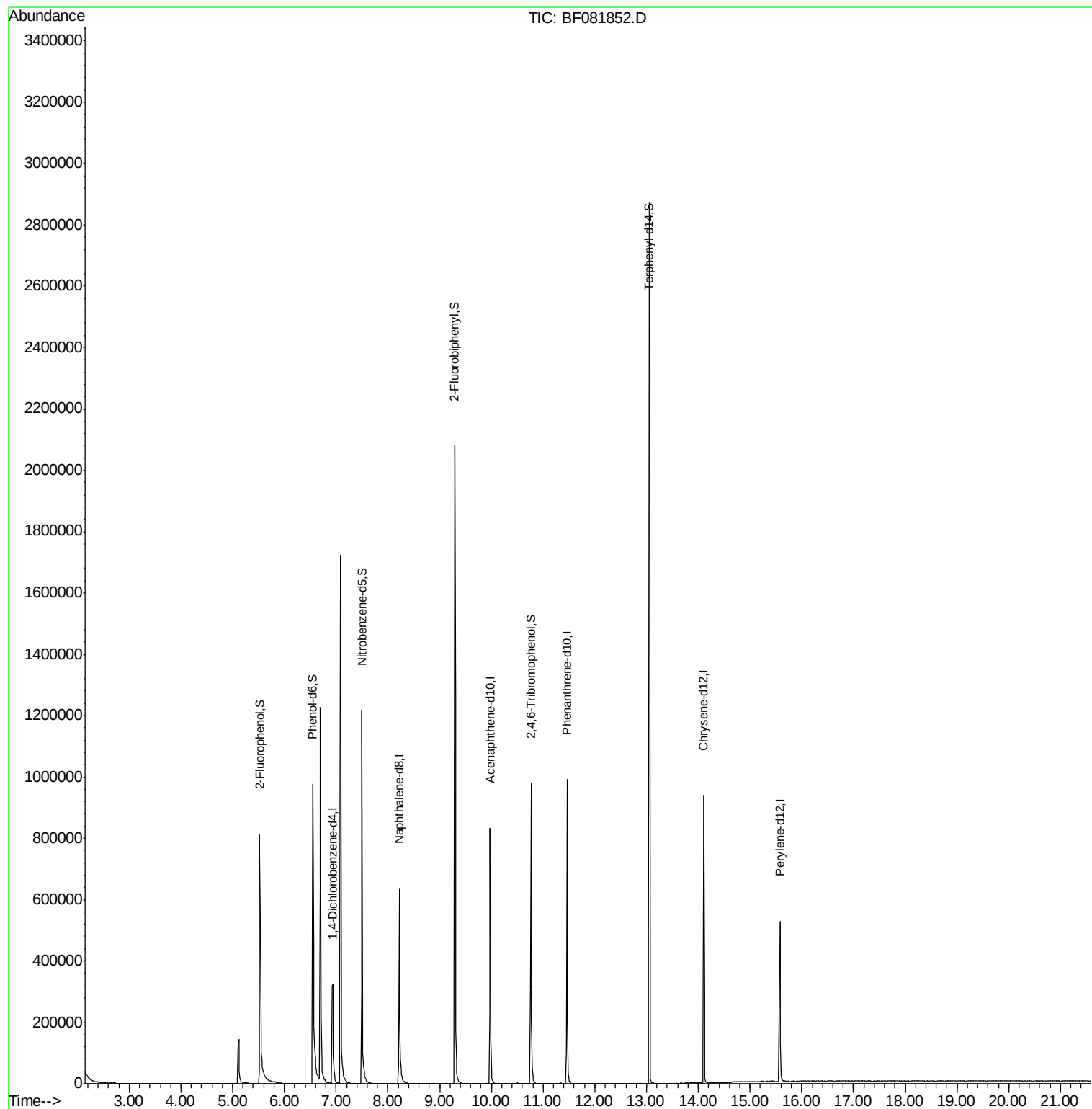
Target Compounds Qvalue

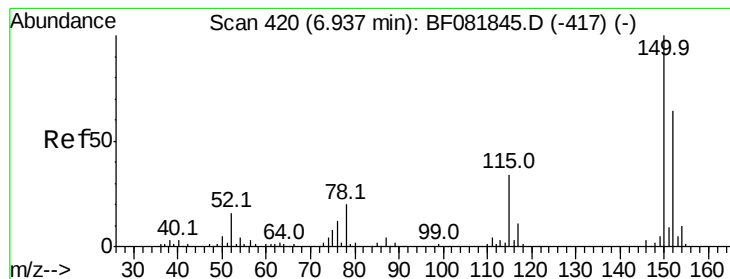
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

Instrument :

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PB85617BL

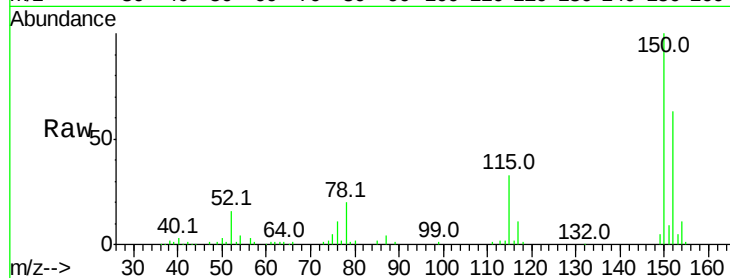
Tot Ion:152 Resp: 99987

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

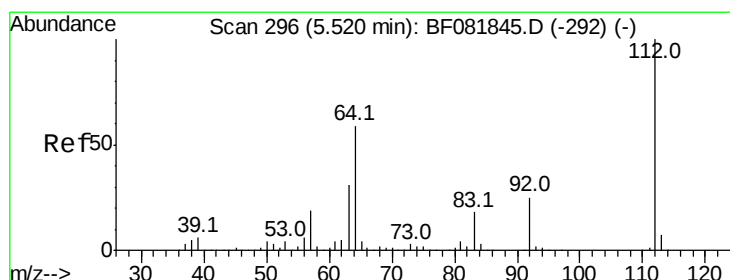
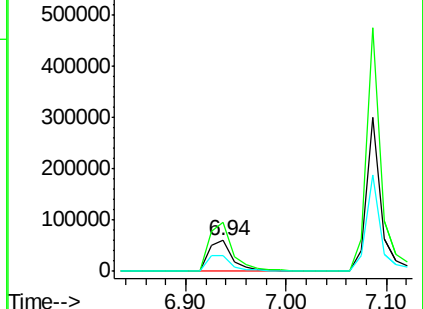
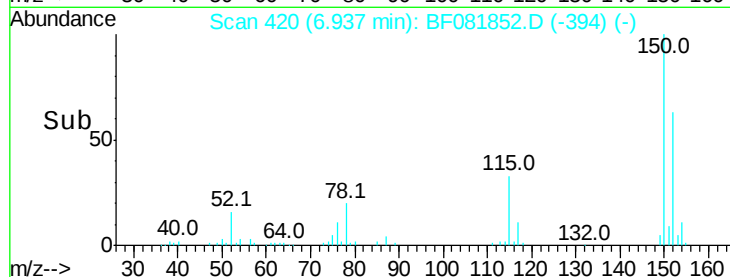
115 52.4 39.0 58.4



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: 76.21 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

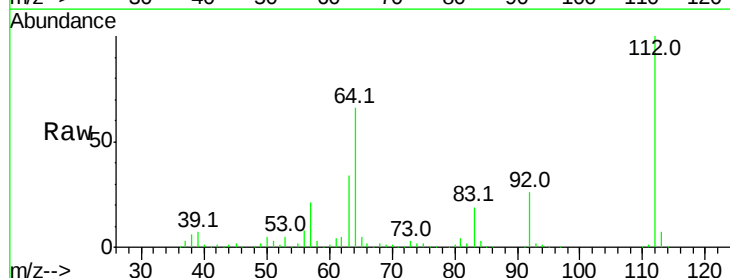
Tgt Ion:112 Resp: 419737

Ion Ratio Lower Upper

112 100

64 66.3 39.7 59.5#

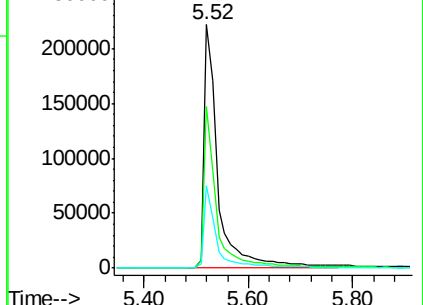
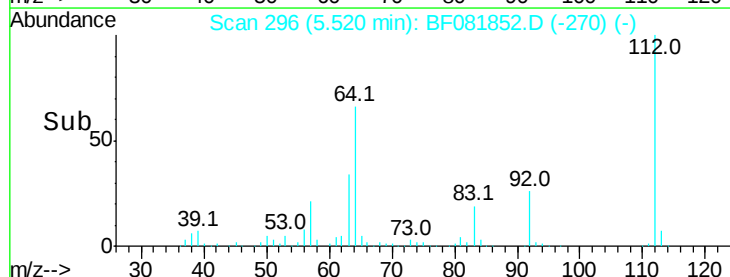
63 34.1 17.4 26.0#

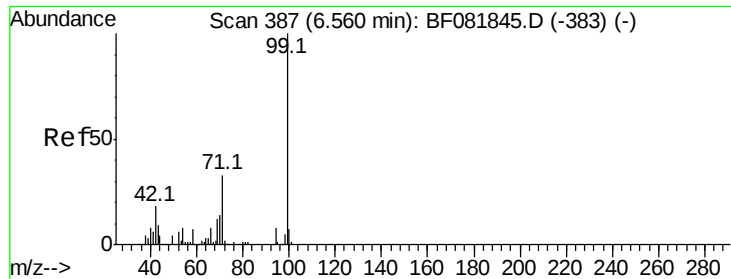


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.40 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081852.D

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Instrument :

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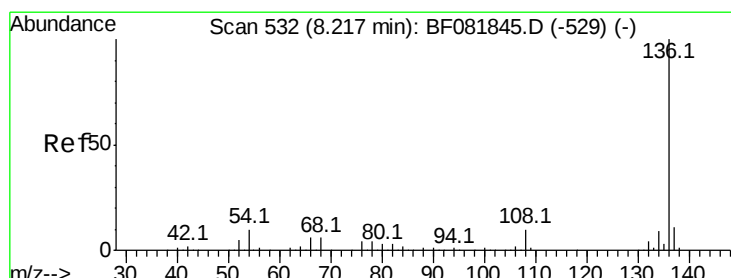
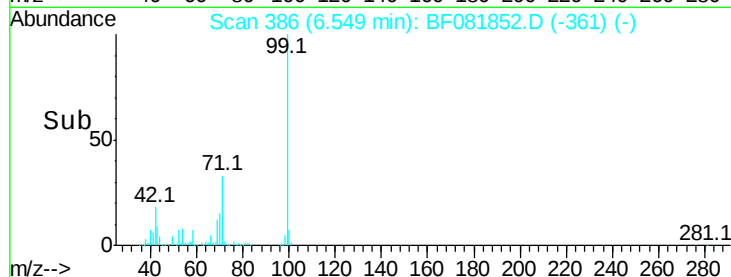
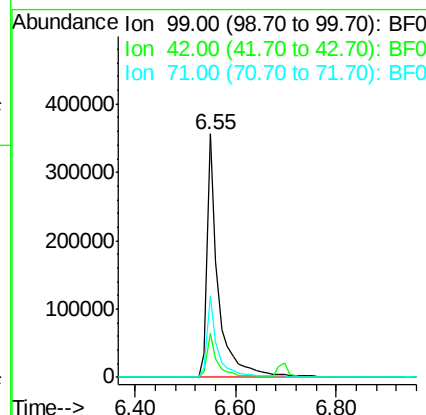
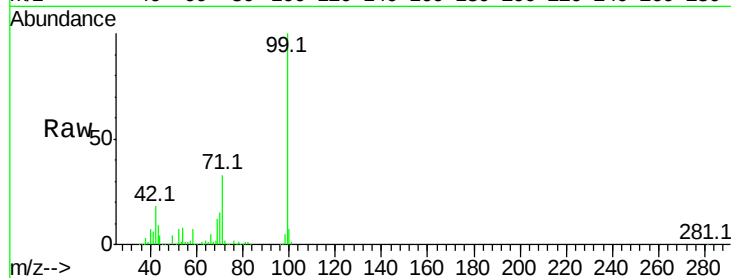
Tot Ion: 99 Resp: 557223

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 33.3 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: BF081852.D

Acq: 28 Sep 2015 19:44

Tgt Ion: 136 Resp: 409504

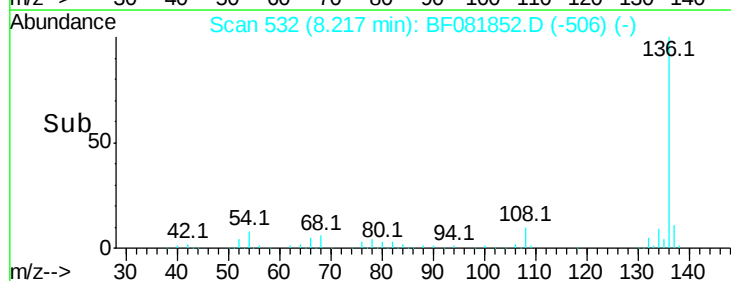
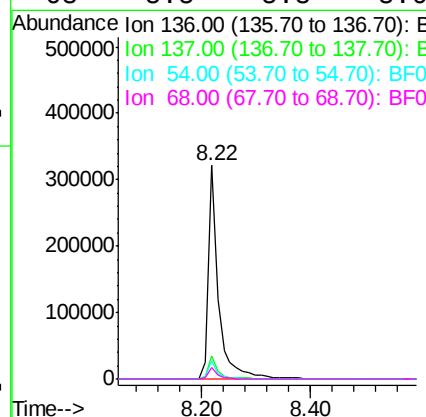
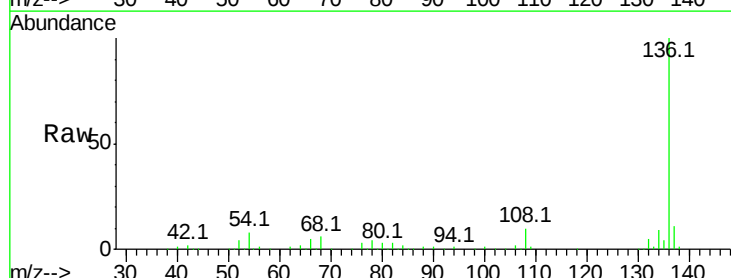
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.3 8.2 12.2

68 5.5 5.8 8.6#

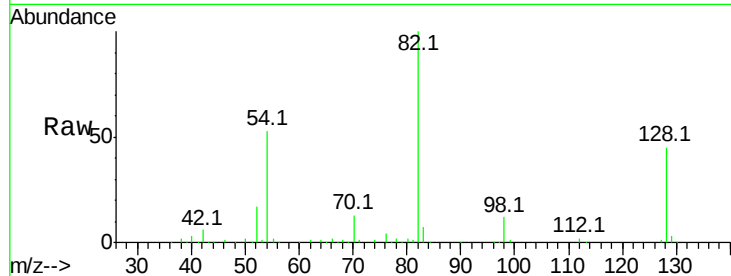




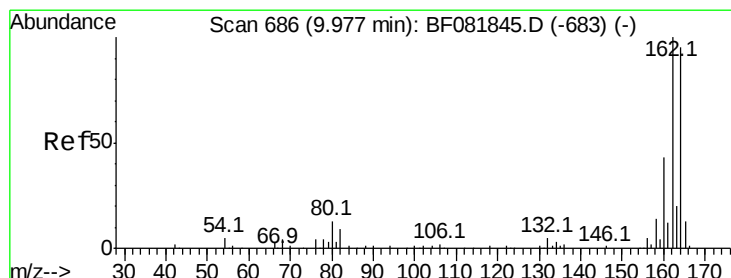
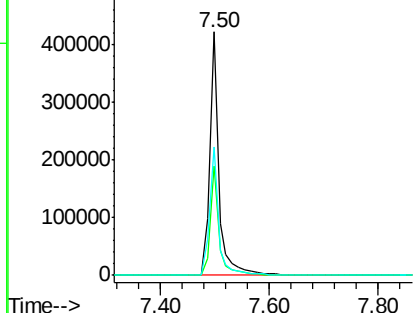
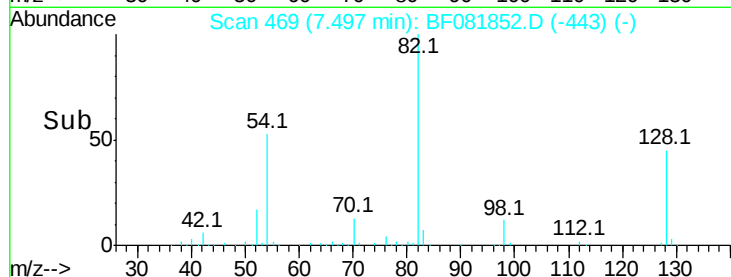
#23
 Nitrobenzene-d5
 Concen: 80.13 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BL

Tot Ion: 82 Resp: 492253
 Ion Ratio Lower Upper
 82 100
 128 44.8 51.0 76.6#
 54 52.9 47.5 71.3

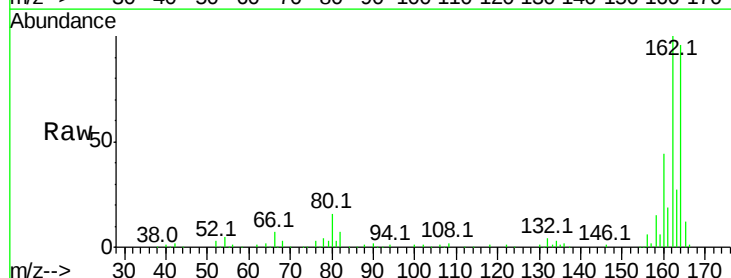


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

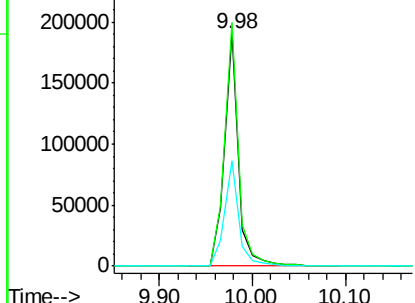
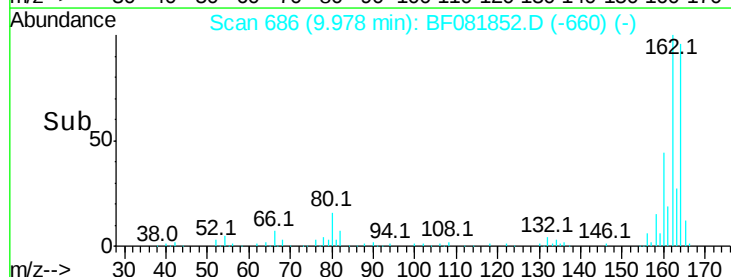


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion: 164 Resp: 197626
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 45.5 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

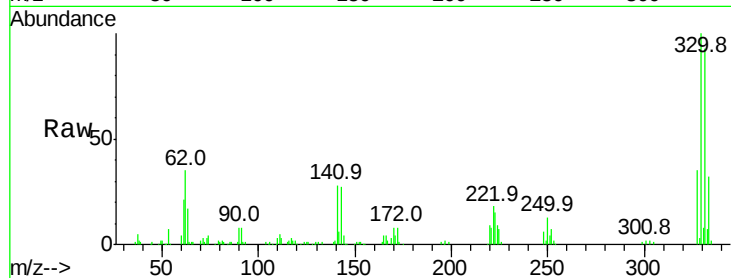




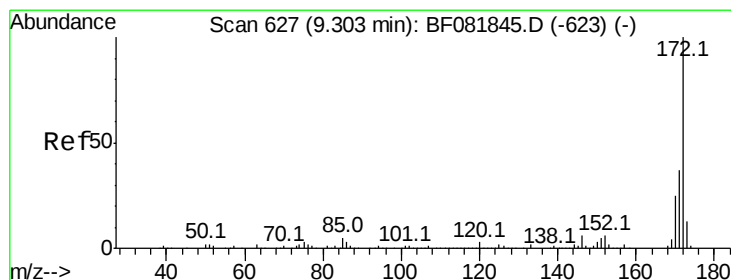
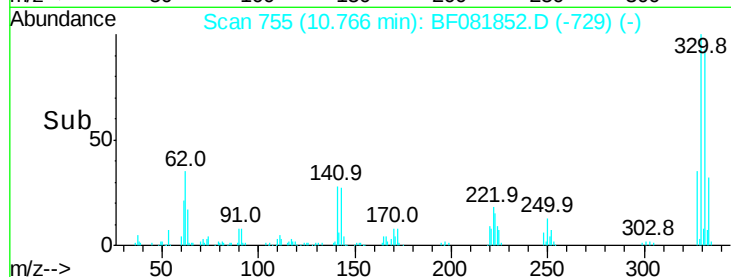
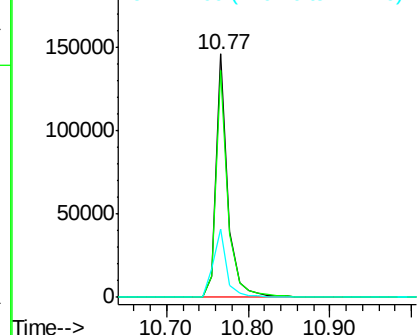
#41
 2,4,6-Tribromophenol
 Concen: 74.65 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	32.0	29.7	44.5

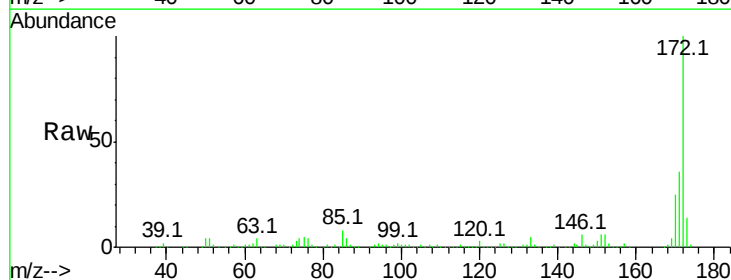


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

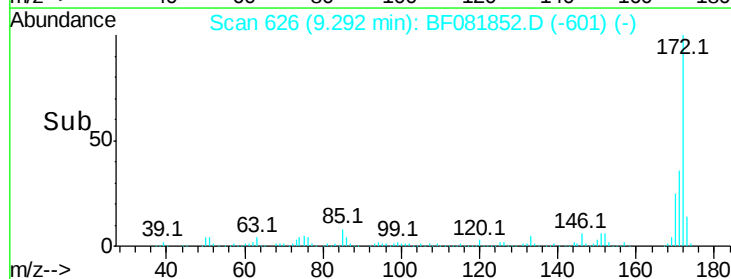
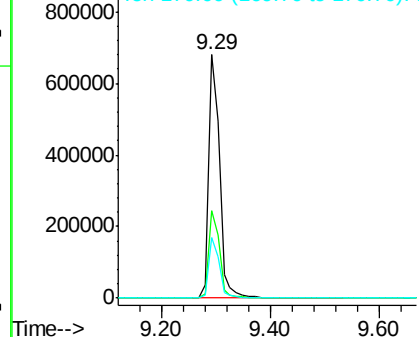


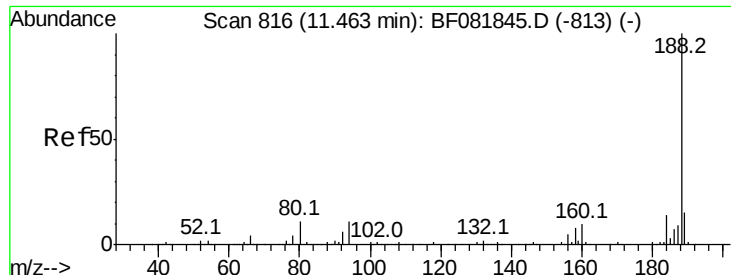
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.7	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

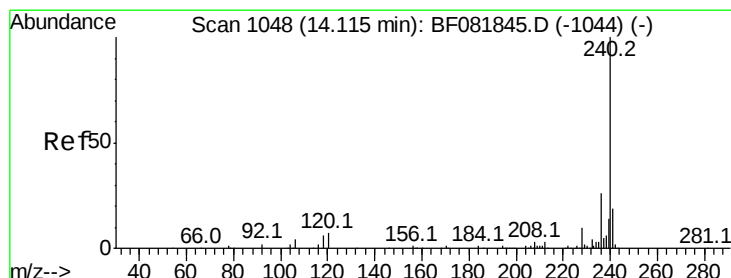
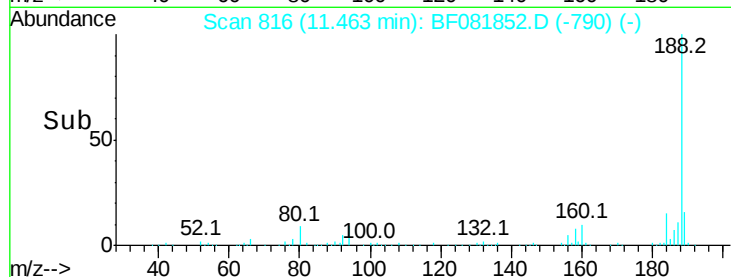
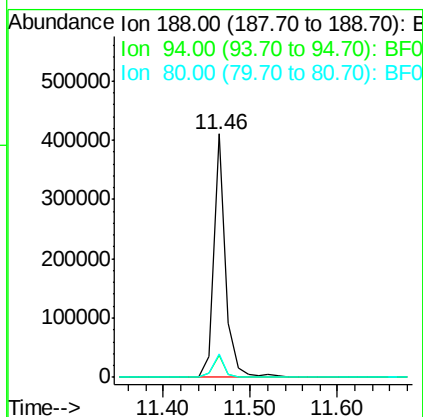
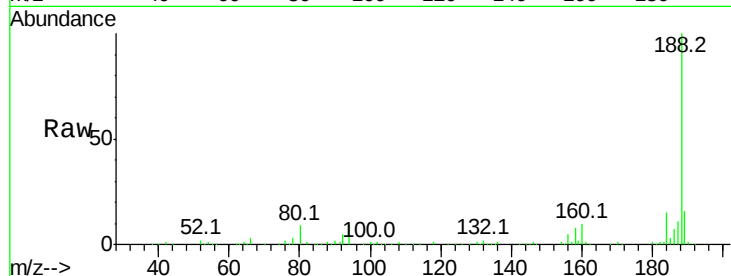




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

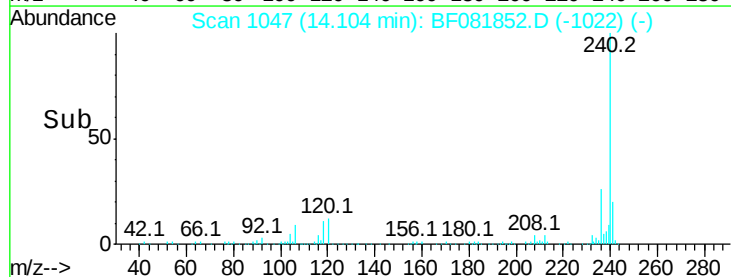
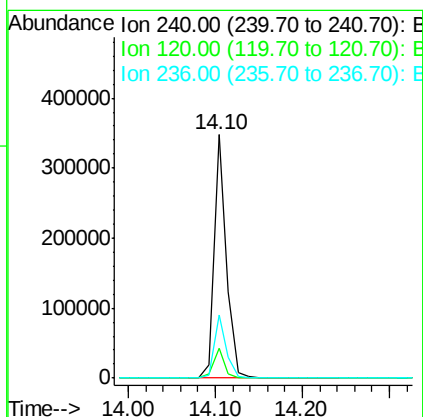
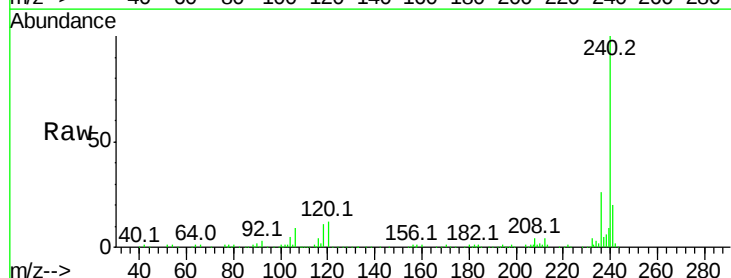
Instrument :
 BNA_F
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 PB85617BL

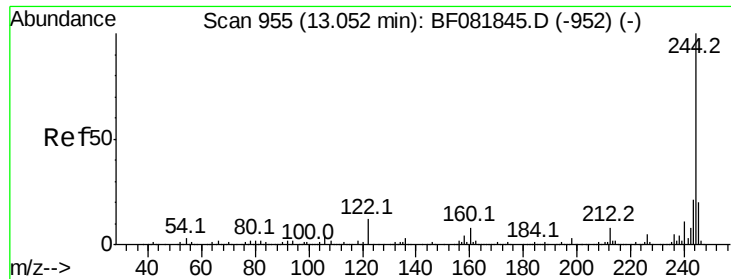
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	11.1	16.7#
80	9.5	11.0	16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	16.2	24.2#
236	25.8	18.4	27.6

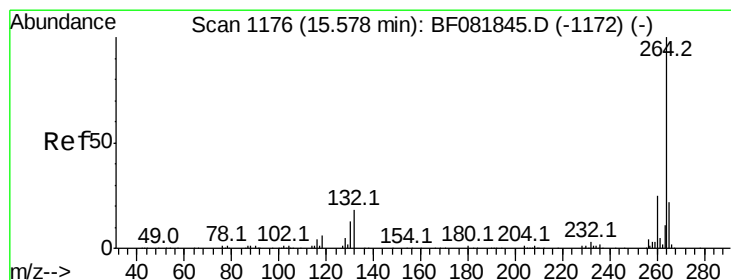
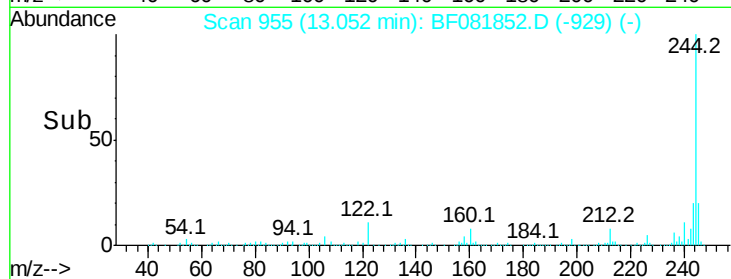
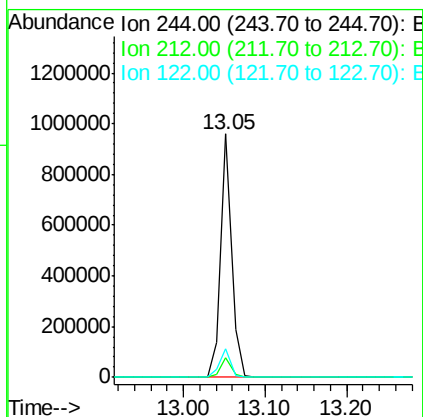
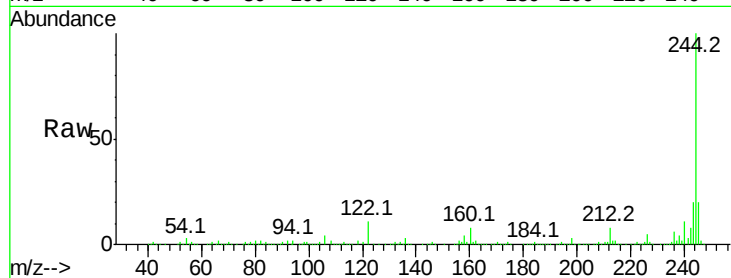




#78
 Terphenyl-d14
 Concen: 82.86 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BL

Tot Ion:244 Resp: 892723
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion:264 Resp: 275089
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 22.0 17.2 25.8

