

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080853.D
 Acq On : 4 Aug 2015 22:54
 Operator : TP/UM
 Sample : PB84838BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Quant Time: Aug 05 02:53:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	95644	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	379478	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	175502	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	309015	20.00	ng	0.00
75) Chrysene-d12	13.96	240	204271	20.00	ng	0.00
86) Perylene-d12	15.37	264	137047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	503133	79.62	ng	0.01
7) Phenol-d6	6.45	99	584951	70.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	406063	50.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	128850	76.13	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	698656	53.60	ng	0.00
78) Terphenyl-d14	12.92	244	556642	49.32	ng	0.00

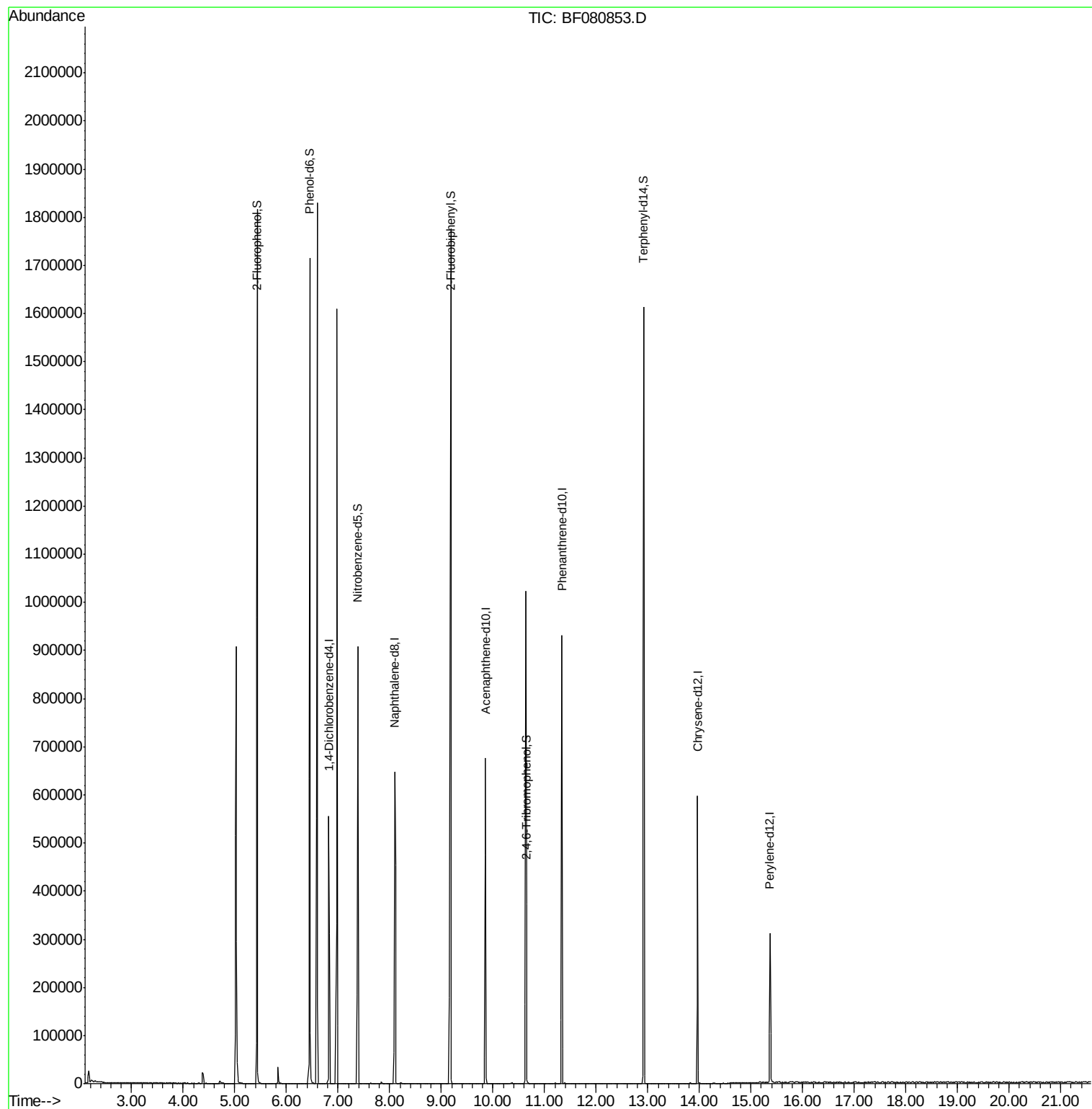
Target Compounds	Qvalue
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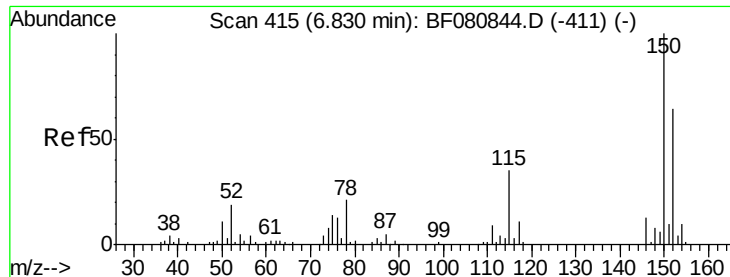
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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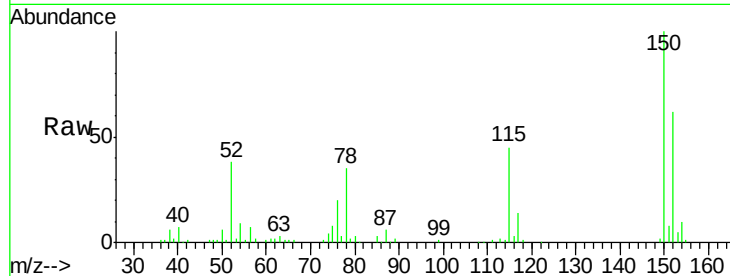


#1

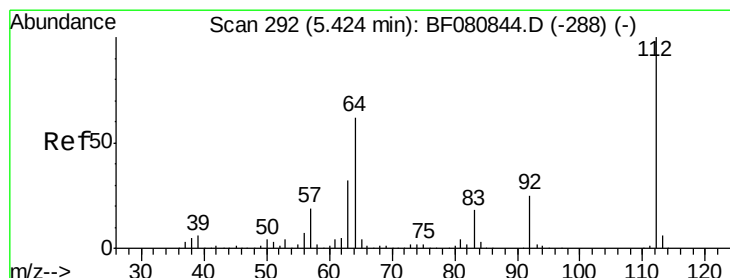
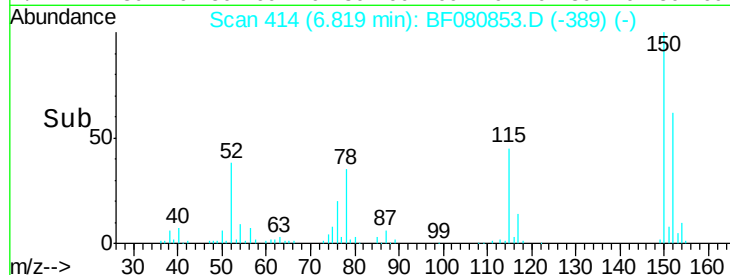
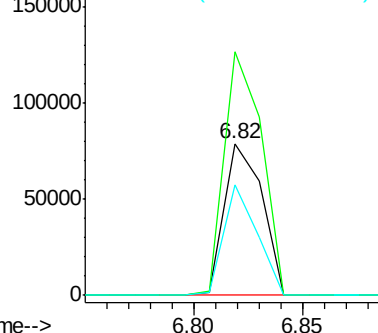
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Tgt Ion:152 Resp: 95644
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 187.0
 115 72.8 44.2 66.4#



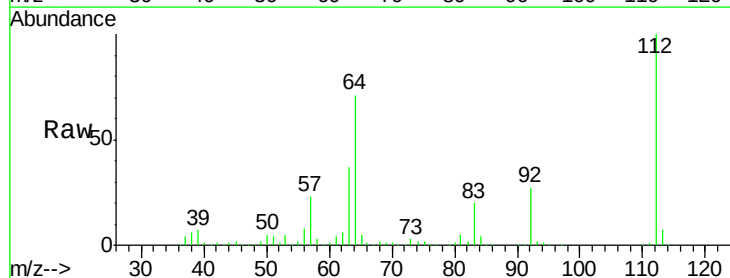
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



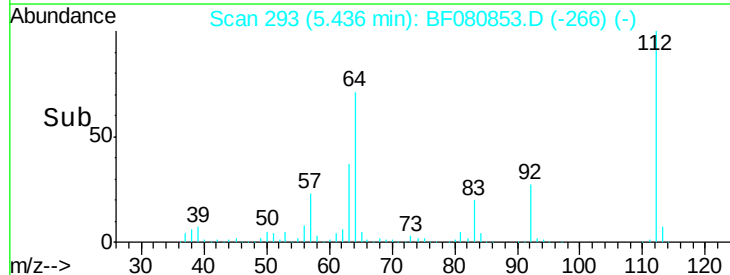
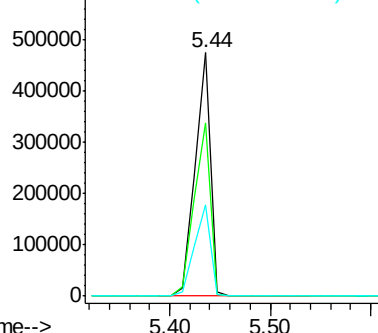
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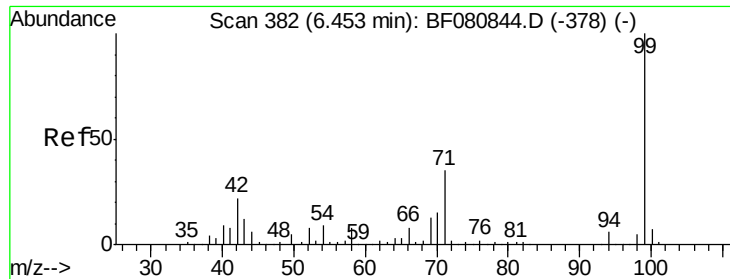
2-Fluorophenol
 Concen: 79.62 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Tgt Ion:112 Resp: 503133
 Ion Ratio Lower Upper
 112 100
 64 71.0 49.5 74.3
 63 37.5 25.3 37.9



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: 70.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

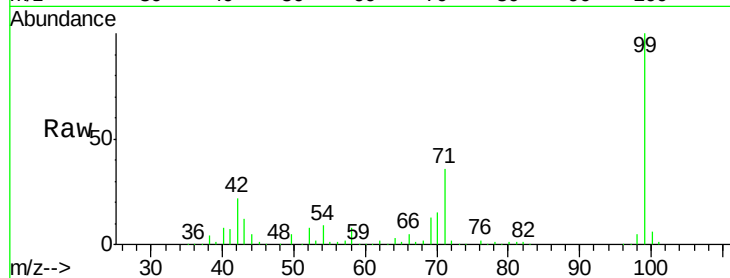
Tgt Ion: 99 Resp: 584951

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

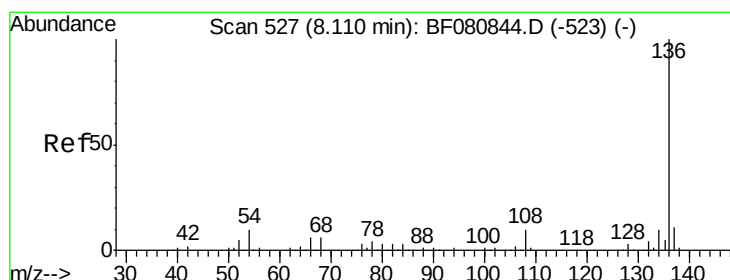
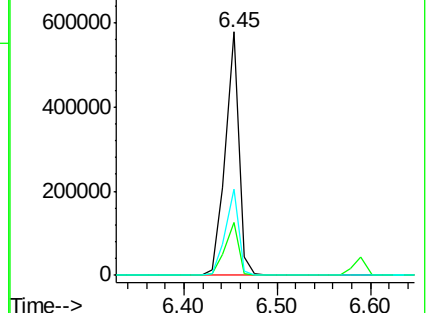
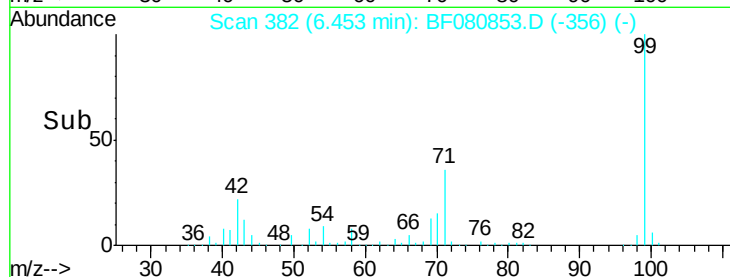
71 35.6 28.2 42.4



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Tgt Ion: 136 Resp: 379478

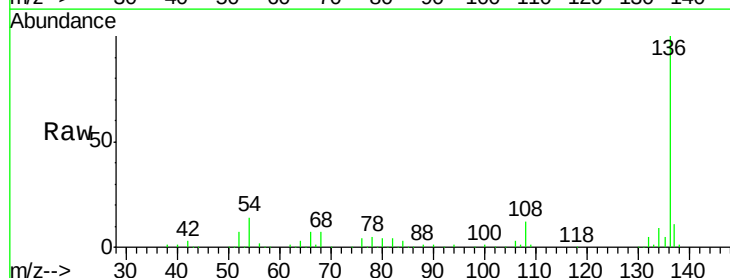
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 13.9 8.3 12.5#

68 7.4 4.8 7.2#

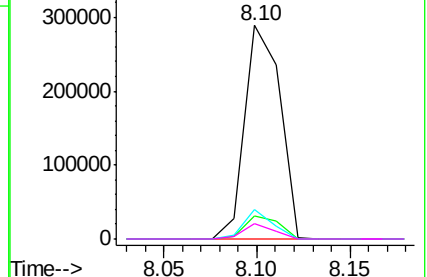
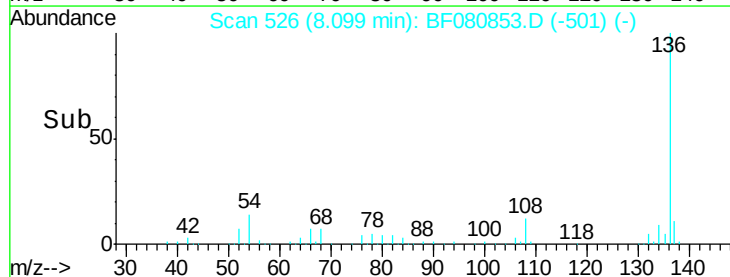


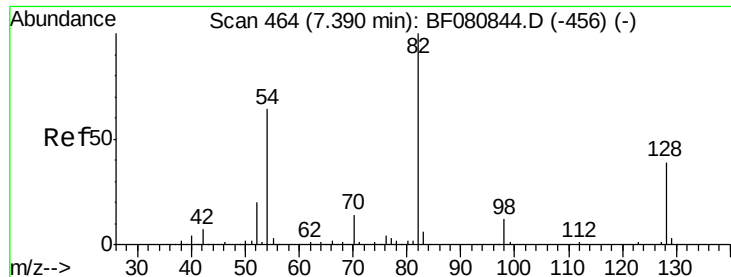
Abundance Ion 136.00 (135.70 to 136.70): E

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

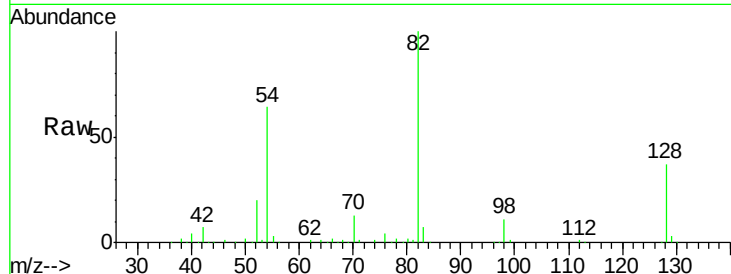




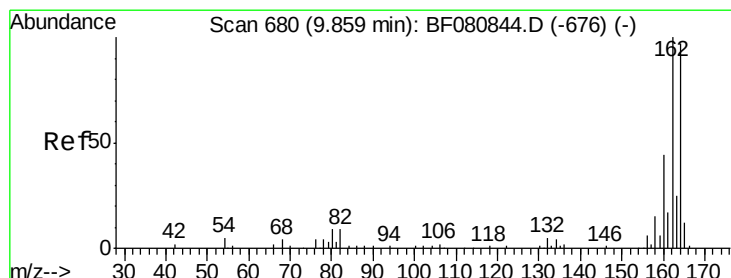
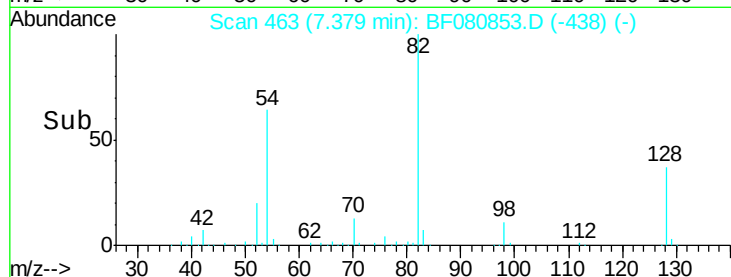
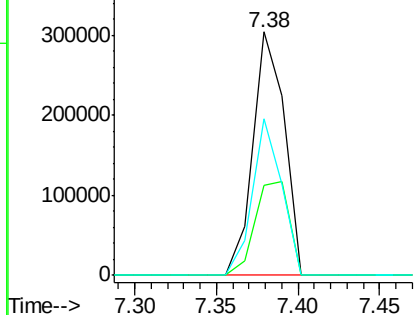
#23
 Nitrobenzene-d5
 Concen: 50.43 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	31.0	46.4
54	64.5	51.0	76.6

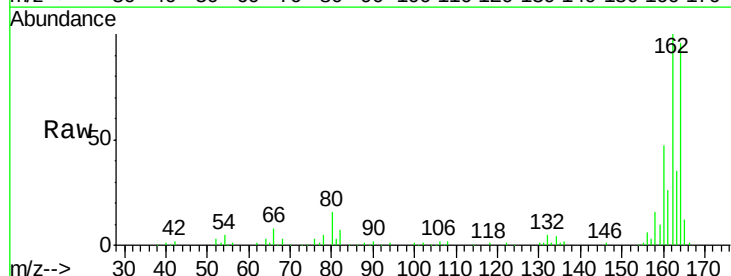


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

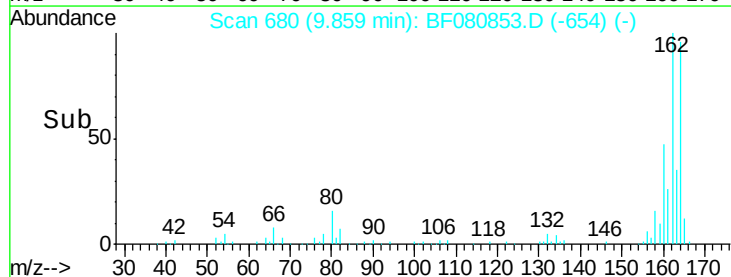
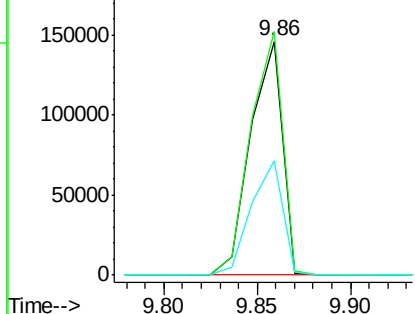


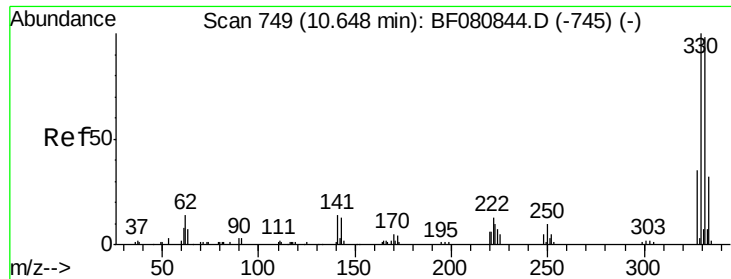
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.9	124.3
160	48.7	36.6	54.8



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

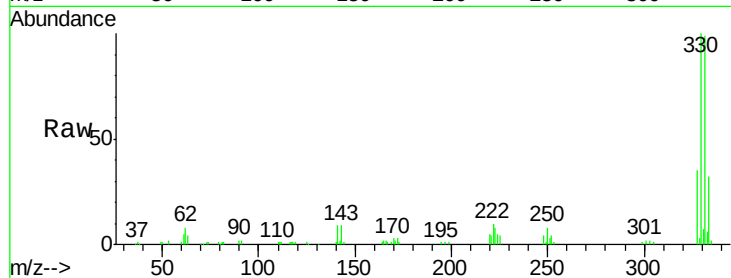




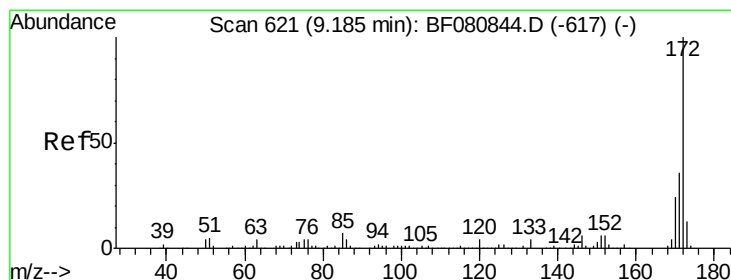
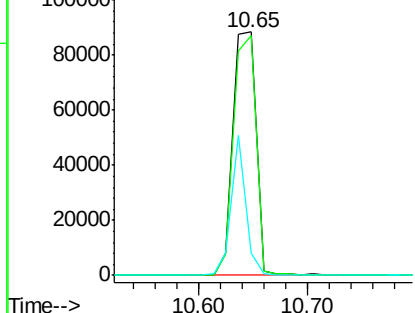
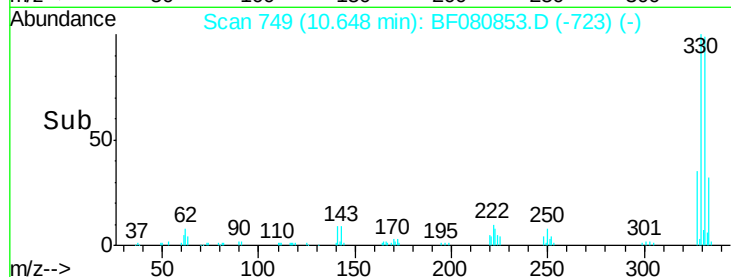
#41
 2,4,6-Tribromophenol
 Concen: 76.13 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.8
141	36.0	28.4	42.6

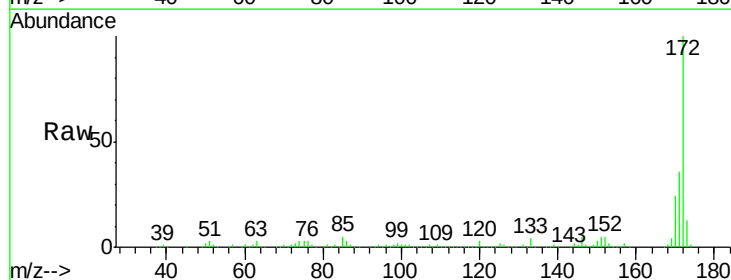


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

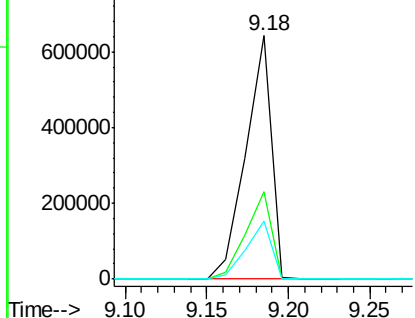
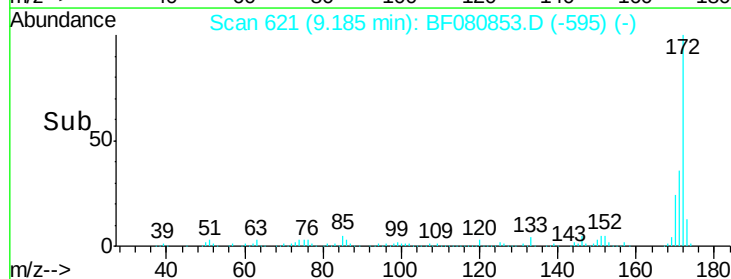


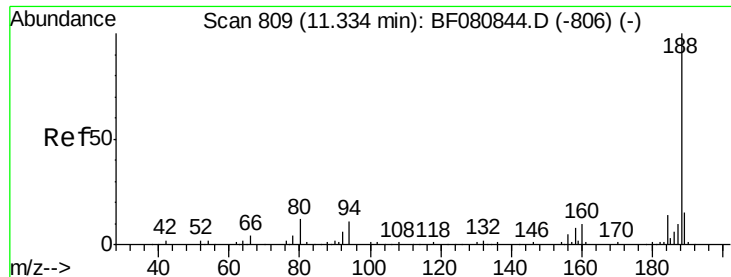
#44
 2-Fluorobiphenyl
 Concen: 53.60 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.1	19.4	29.2



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

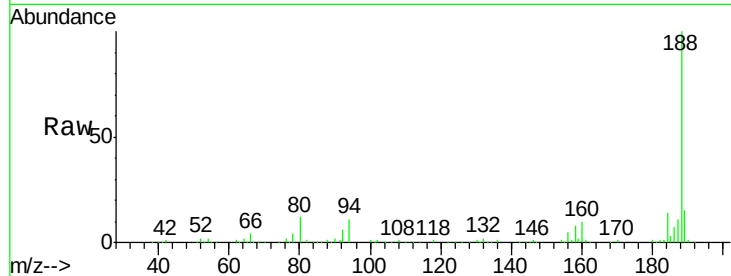




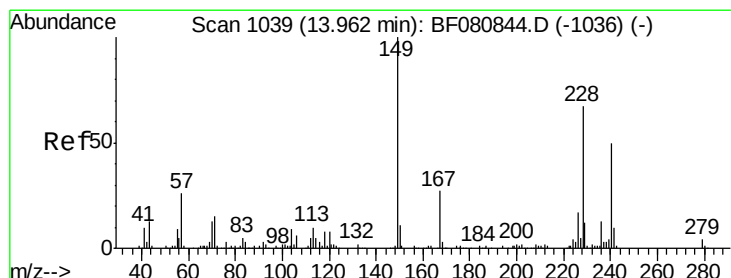
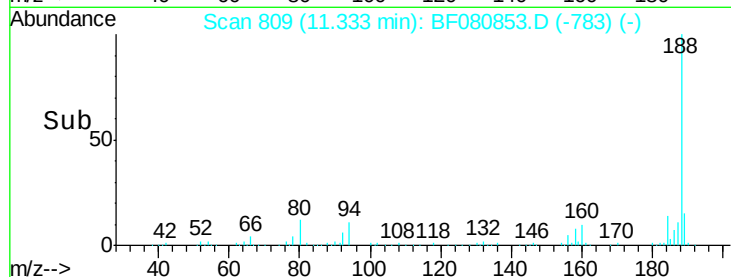
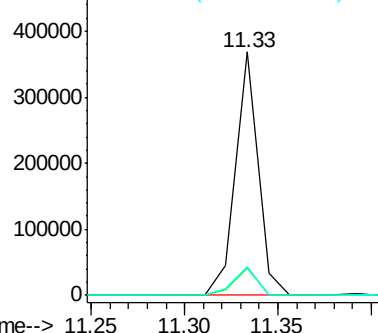
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Instrument :
BNA_F
ClientSampleId :
PB84838BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.6	12.8
80	11.8	9.3	13.9

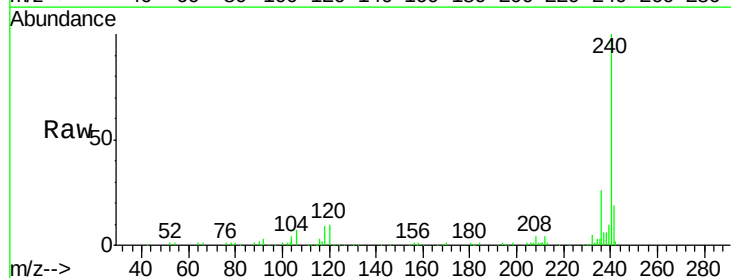


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

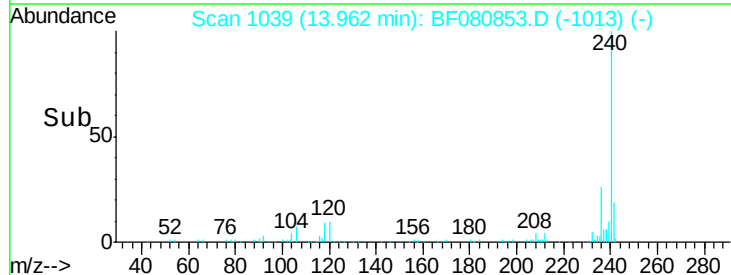
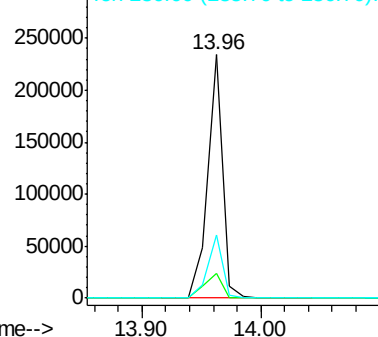


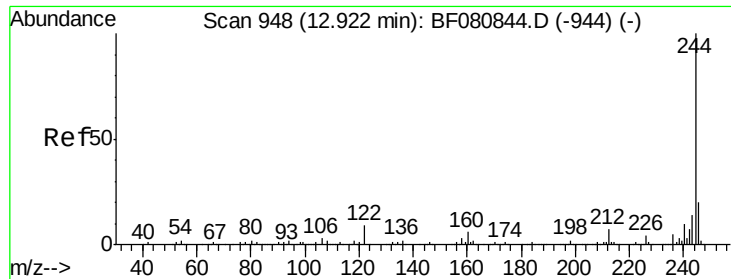
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	13.0	19.6#
236	26.1	20.7	31.1



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

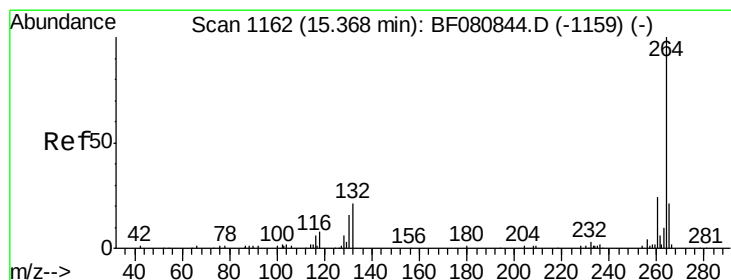
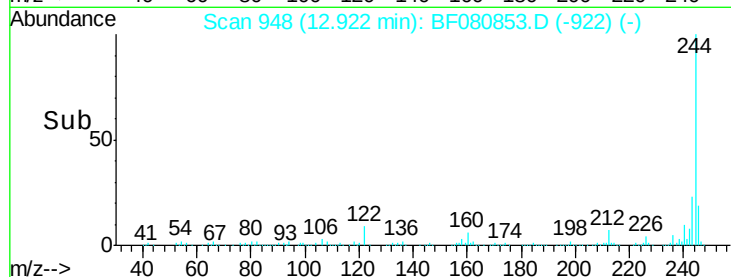
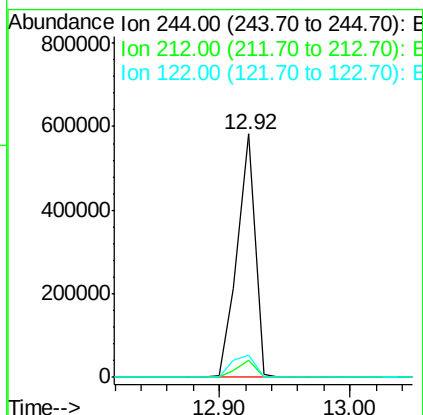
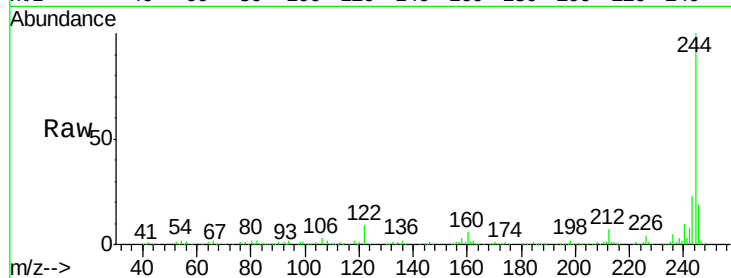




#78
 Terphenyl-d14
 Concen: 49.32 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.4	16.8	25.2

