

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080481.D
 Acq On : 15 Jul 2015 9:07
 Operator : TP/UM
 Sample : PB84491BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BL

Quant Time: Jul 15 15:49:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	22923	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	99222	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	48317	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	109051	20.00	ng	0.00
75) Chrysene-d12	14.53	240	109732	20.00	ng	0.06
86) Perylene-d12	16.32	264	114559	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	137205	97.83	ng	0.00
7) Phenol-d6	6.76	99	182182	106.15	ng	-0.01
23) Nitrobenzene-d5	7.69	82	112145	61.87	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	39386	86.24	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	232947	66.06	ng	0.00
78) Terphenyl-d14	13.31	244	281283	61.79	ng	0.03

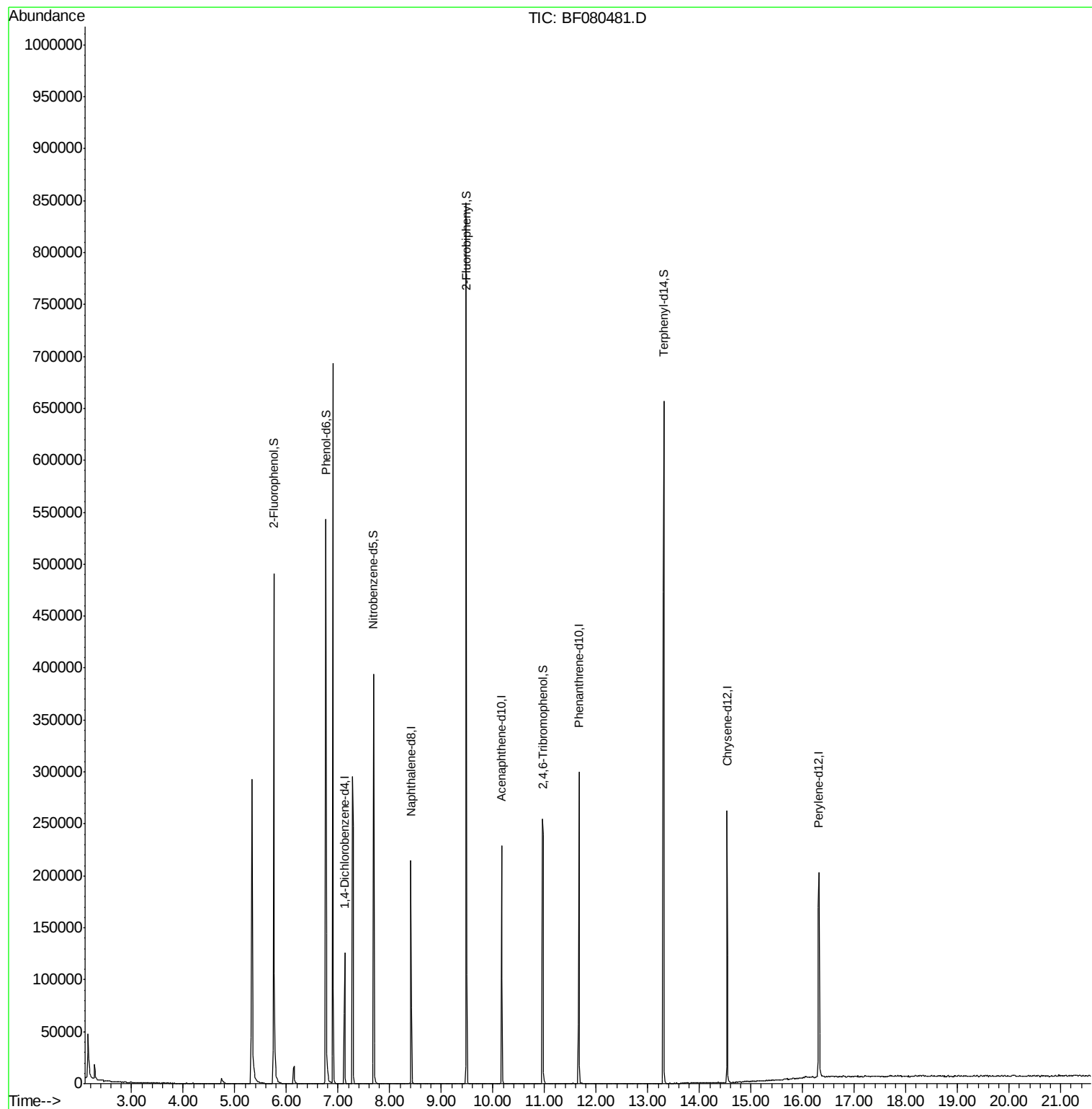
Target Compounds	Qvalue
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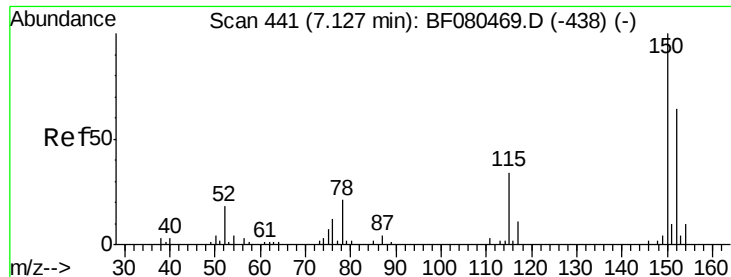
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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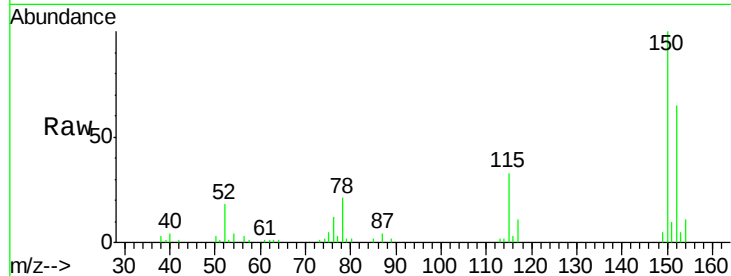


#1

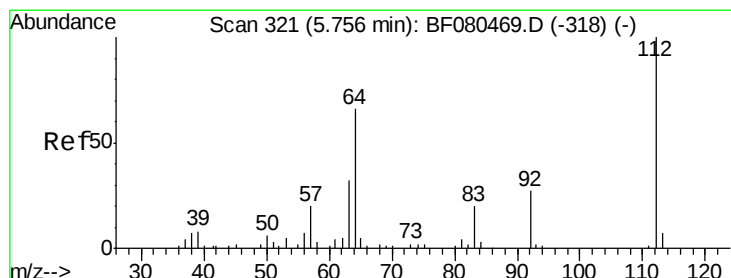
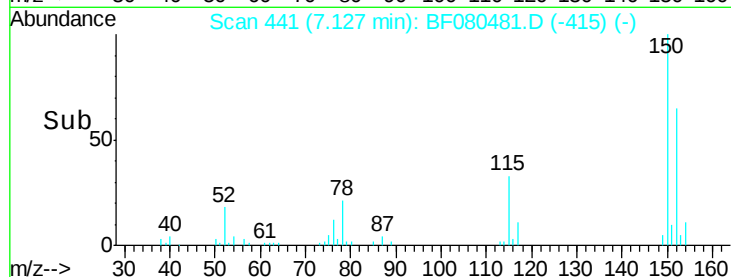
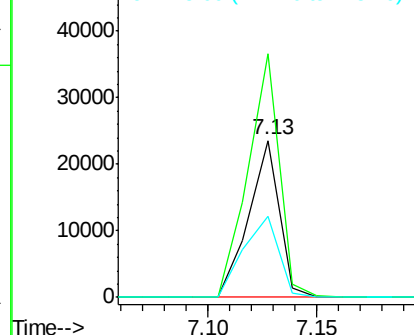
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080481.D
Acq: 15 Jul 2015 9:07

Instrument :
BNA_F
ClientSampleId :
PB84491BL

Tgt Ion:152 Resp: 22923
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 51.6 42.9 64.3



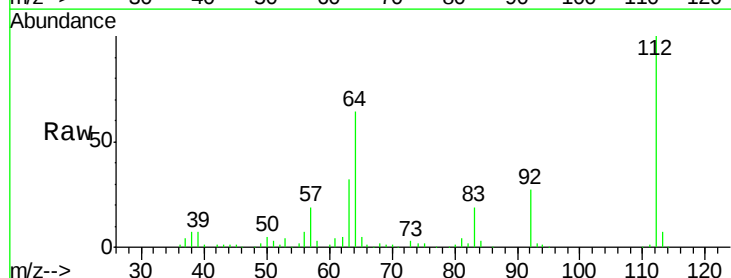
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



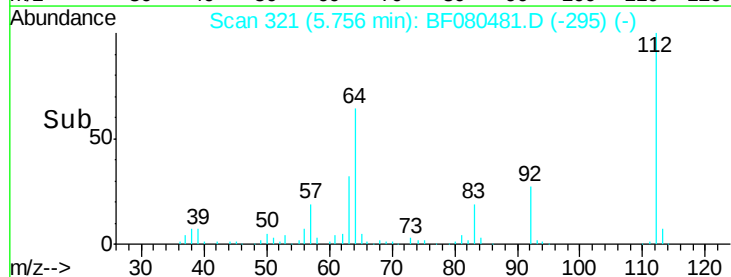
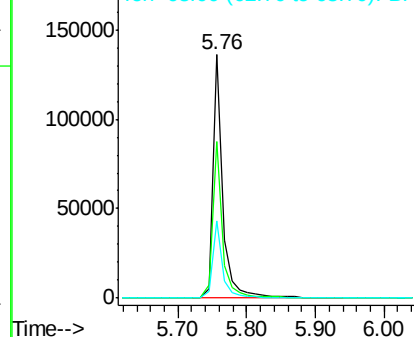
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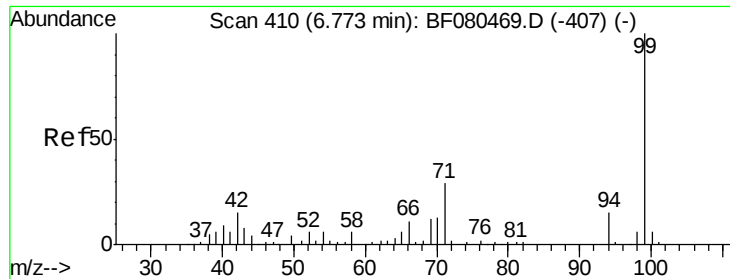
2-Fluorophenol
Concen: 97.83 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080481.D
Acq: 15 Jul 2015 9:07

Tgt Ion:112 Resp: 137205
Ion Ratio Lower Upper
112 100
64 64.4 52.6 79.0
63 31.7 25.9 38.9



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: 106.15 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080481.D

Acq: 15 Jul 2015 9:07

Instrument :

BNA_F

ClientSampleId :

PB84491BL

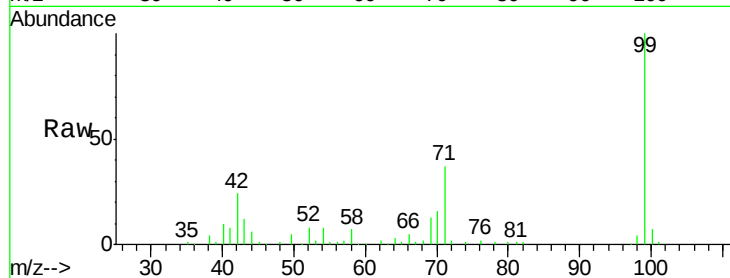
Tgt Ion: 99 Resp: 182182

Ion Ratio Lower Upper

99 100

42 23.7 12.4 18.6#

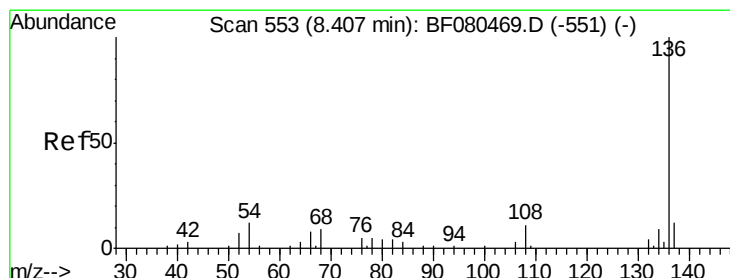
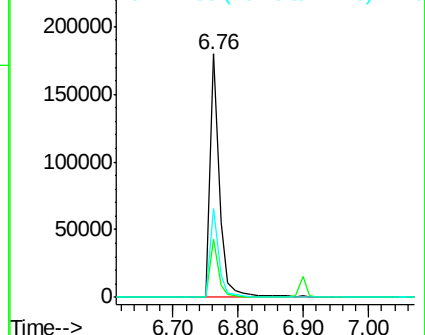
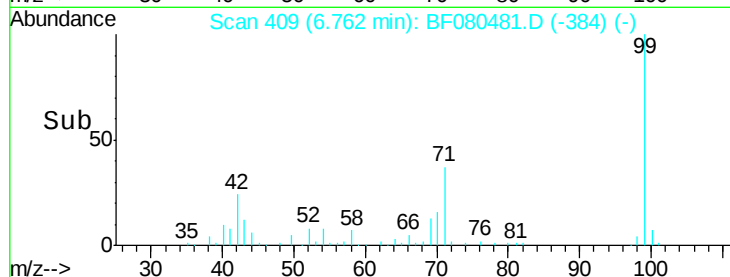
71 36.7 22.9 34.3#



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: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF080481.D

Acq: 15 Jul 2015 9:07

Tgt Ion: 136 Resp: 99222

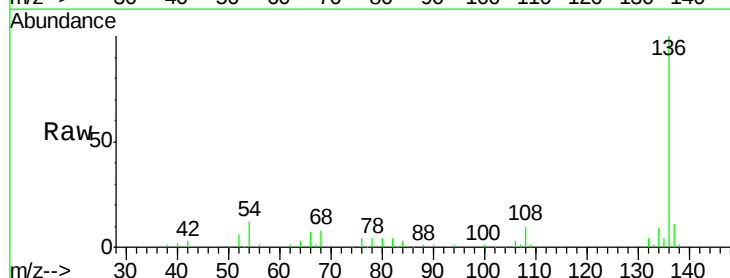
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 11.7 9.8 14.8

68 7.9 7.0 10.4

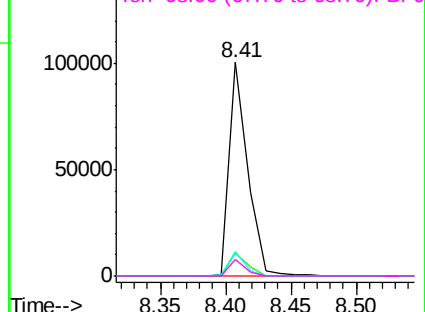
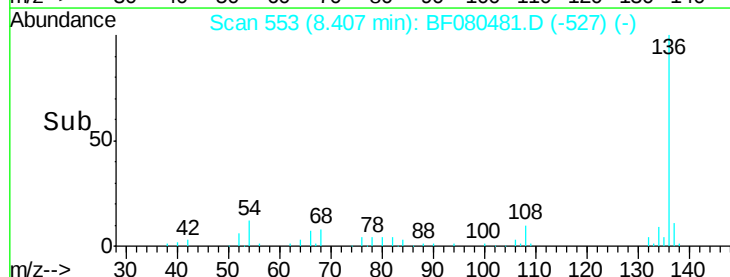


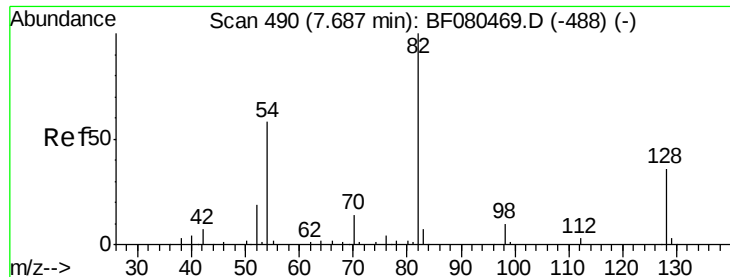
Abundance Ion 136.00 (135.70 to 136.70): E

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

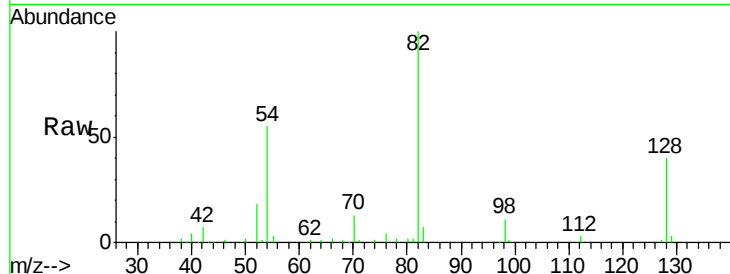




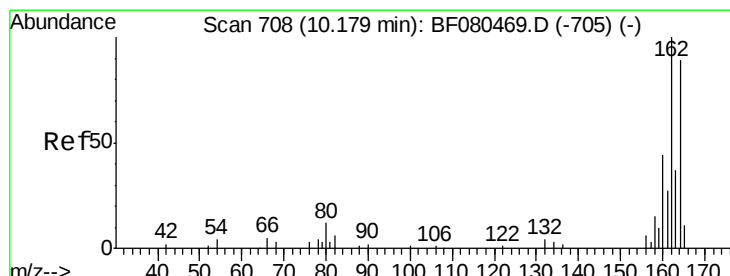
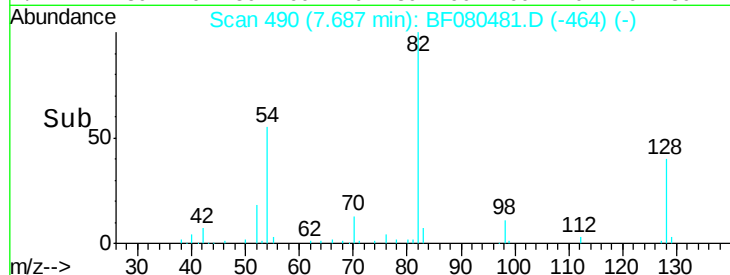
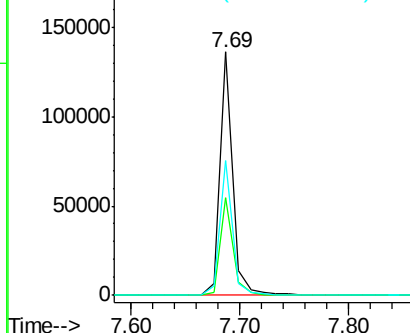
#23
 Nitrobenzene-d5
 Concen: 61.87 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.0	43.4
54	55.4	46.4	69.6

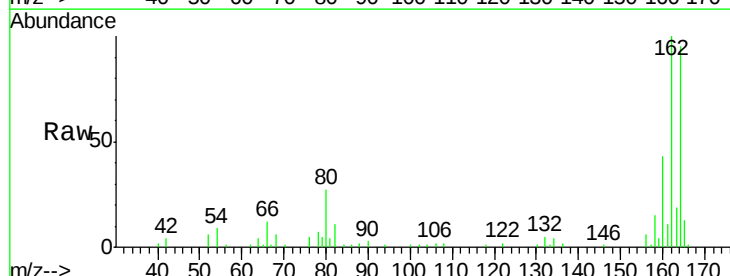


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

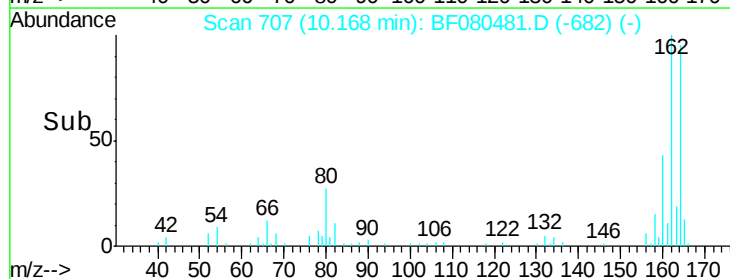
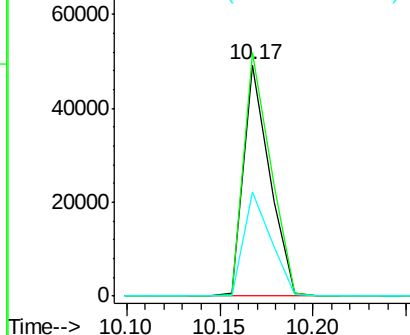


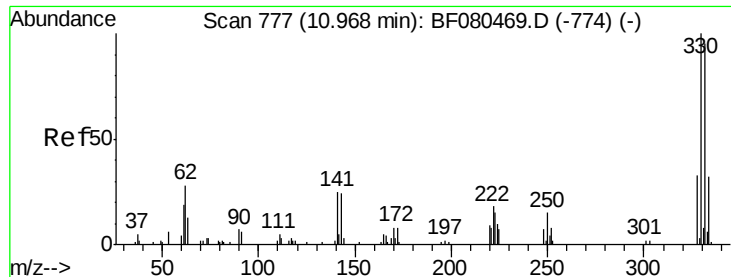
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	89.8	134.8
160	45.1	39.5	59.3



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

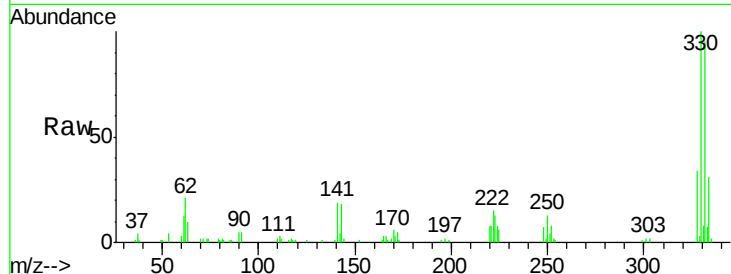




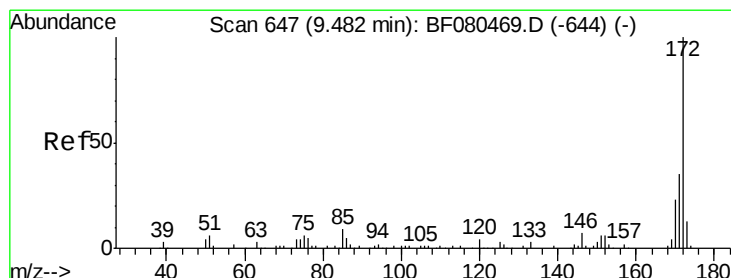
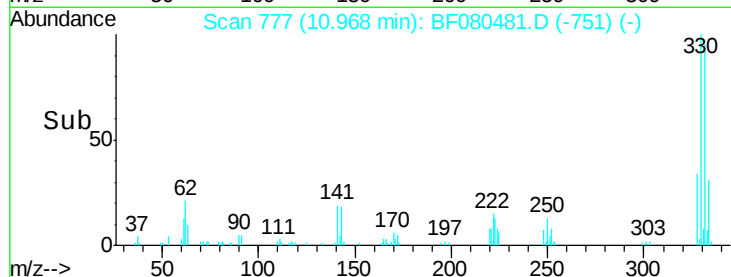
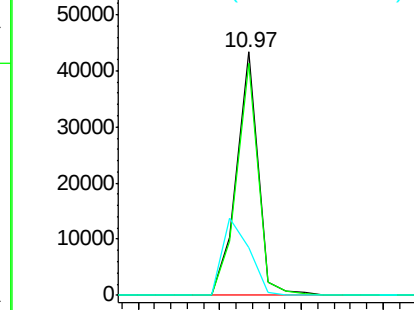
#41
 2,4,6-Tribromophenol
 Concen: 86.24 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	39.8	29.8	44.6

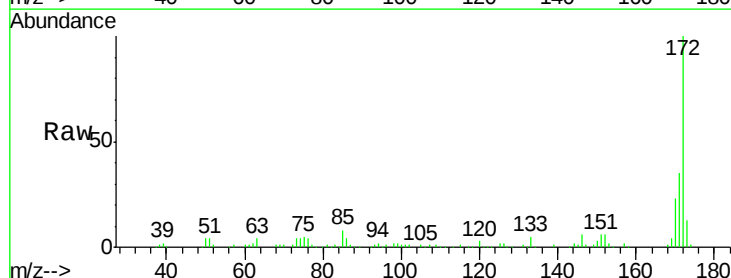


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

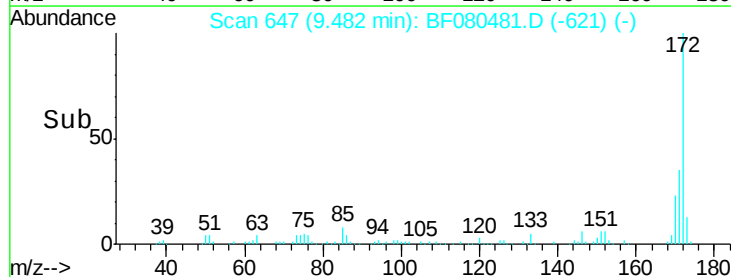
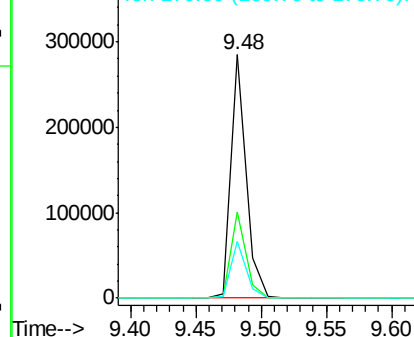


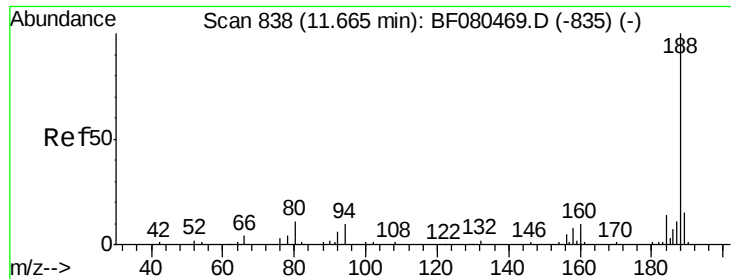
#44
 2-Fluorobiphenyl
 Concen: 66.06 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.2	18.5	27.7



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

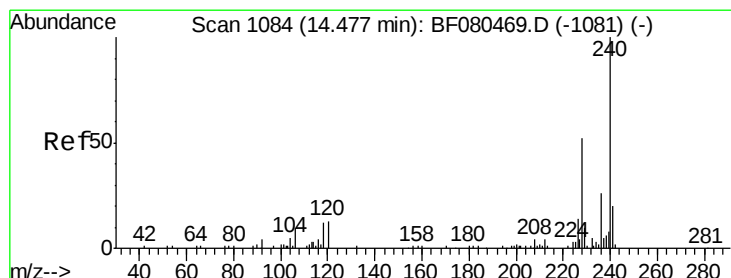
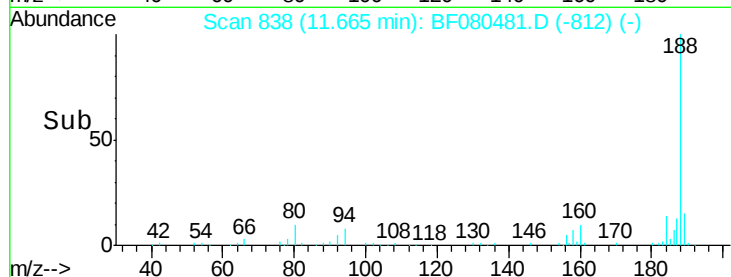
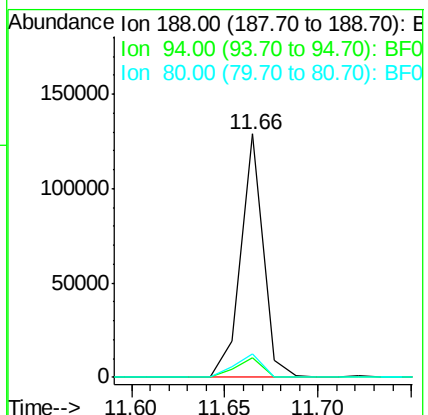
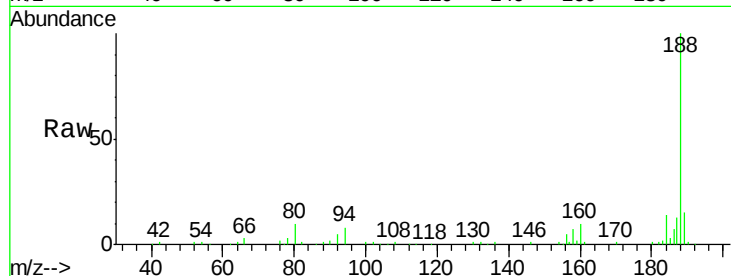




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080481.D
Acq: 15 Jul 2015 9:07

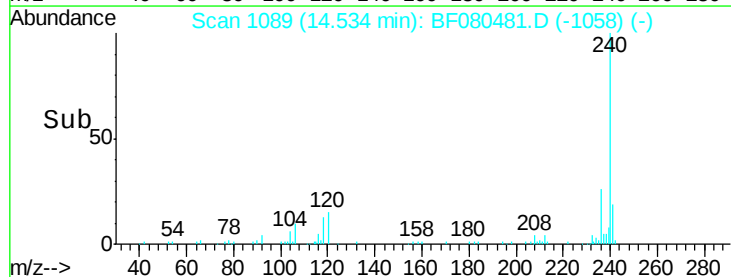
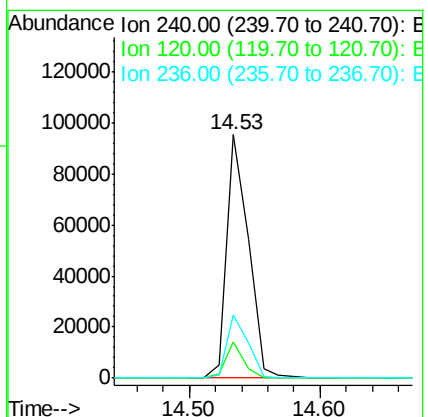
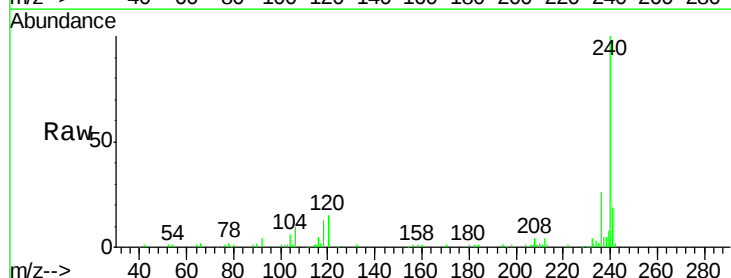
Instrument :
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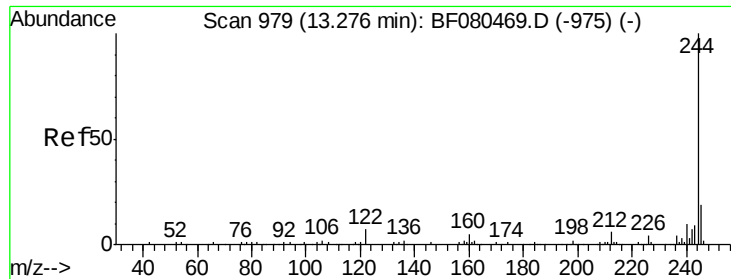
Tgt Ion:188 Resp: 109051
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 9.5 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.53 min Scan# 1089
Delta R.T. 0.06 min
Lab File: BF080481.D
Acq: 15 Jul 2015 9:07

Tgt Ion:240 Resp: 109732
Ion Ratio Lower Upper
240 100
120 15.1 10.2 15.4
236 25.7 20.6 30.8

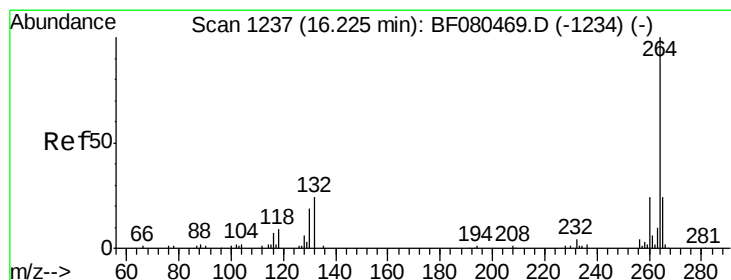
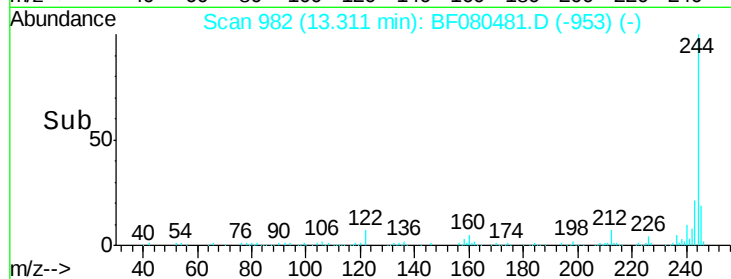
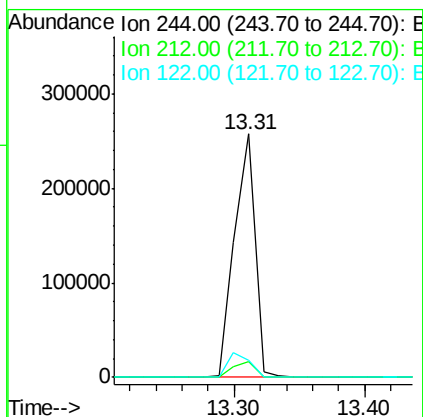
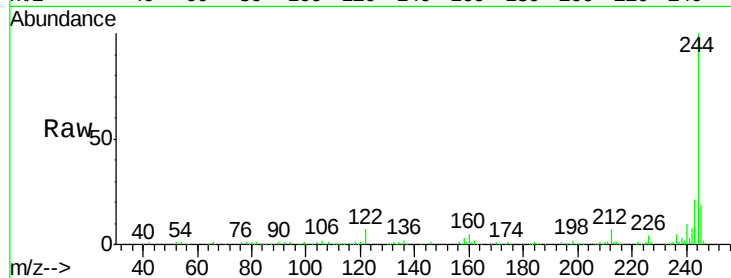




#78
 Terphenyl-d14
 Concen: 61.79 ng
 RT: 13.31 min Scan# 982
 Delta R.T. 0.03 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	7.1	5.2	7.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 1245
 Delta R.T. 0.09 min
 Lab File: BF080481.D
 Acq: 15 Jul 2015 9:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	20.9	18.9	28.3

