

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080820.D
 Acq On : 4 Aug 2015 1:08
 Operator : TP
 Sample : PB84719BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Quant Time: Aug 04 05:30:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	163132	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	600653	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	297809	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	574437	20.00	ng	0.00
75) Chrysene-d12	13.97	240	367626	20.00	ng	-0.01
86) Perylene-d12	15.39	264	266803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1200076	122.65	ng	0.01
7) Phenol-d6	6.46	99	1682211	127.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	985147	80.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	436513	152.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1868675	94.85	ng	0.00
78) Terphenyl-d14	12.93	244	1477042	80.07	ng	0.00

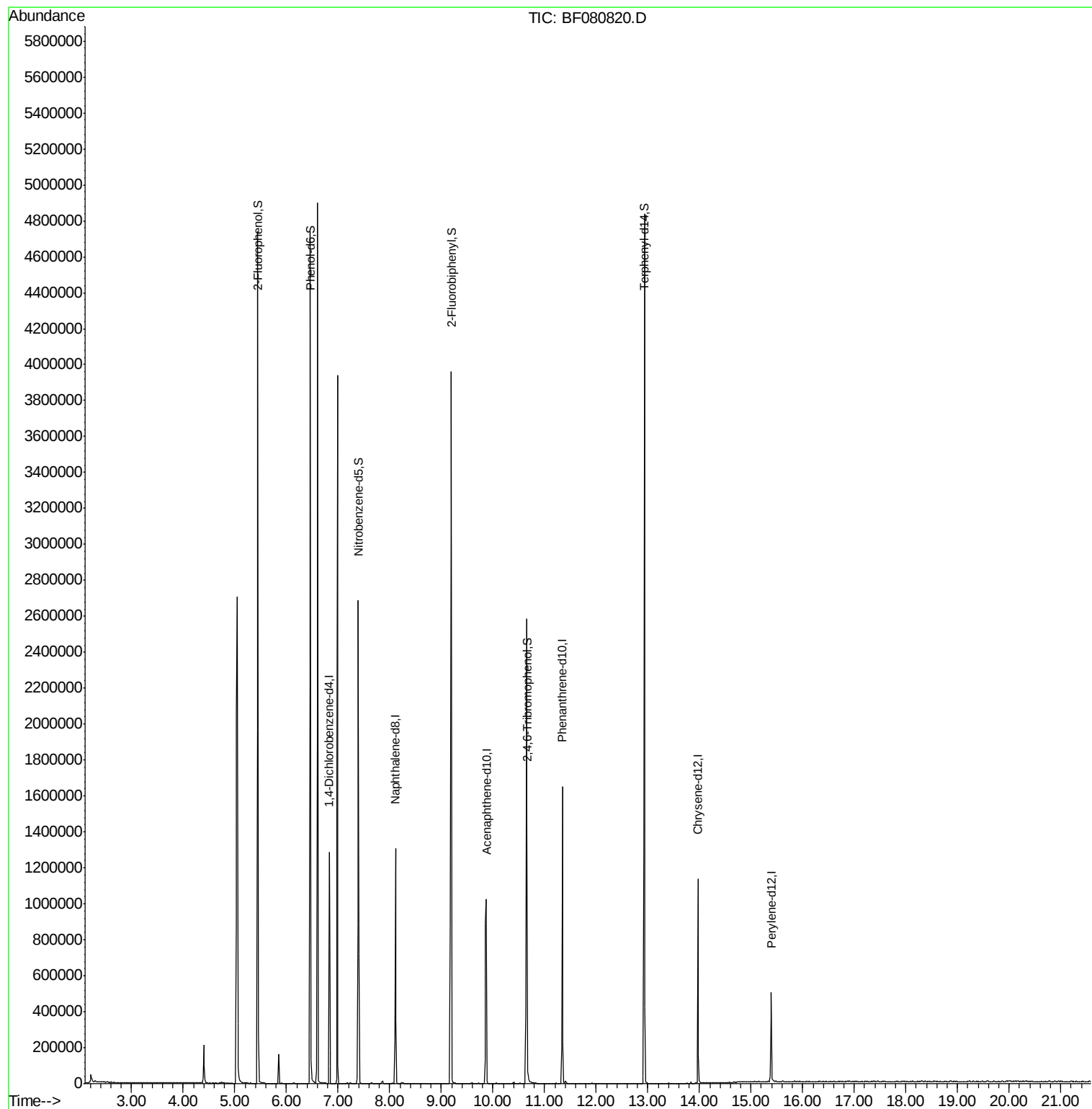
Target Compounds	Qvalue
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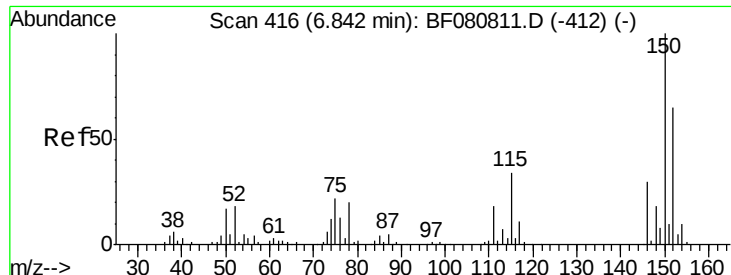
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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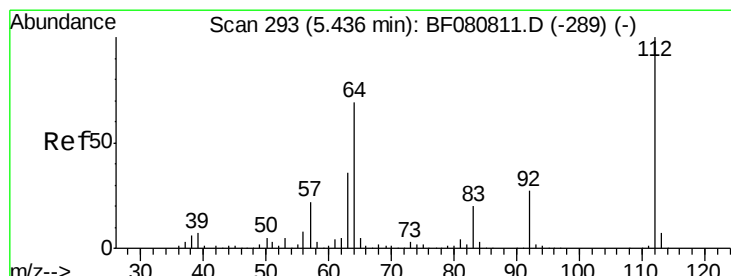
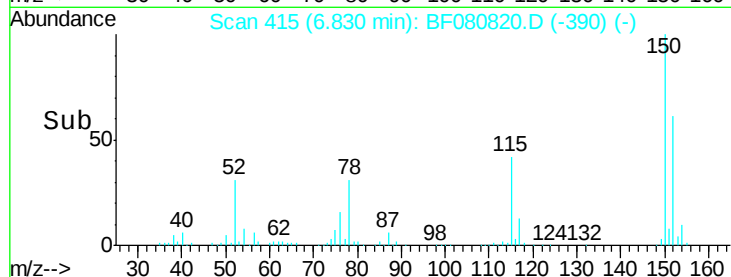
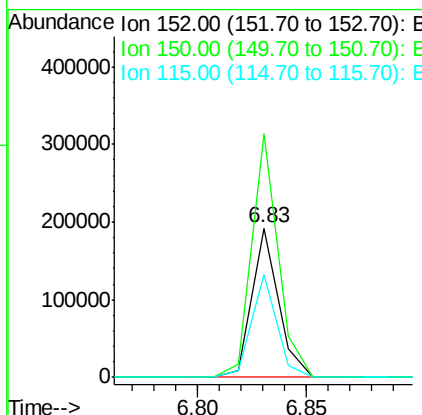
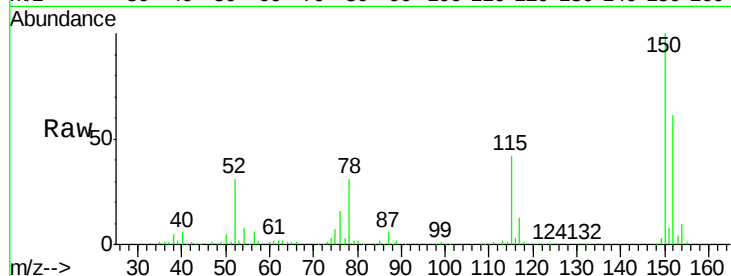




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

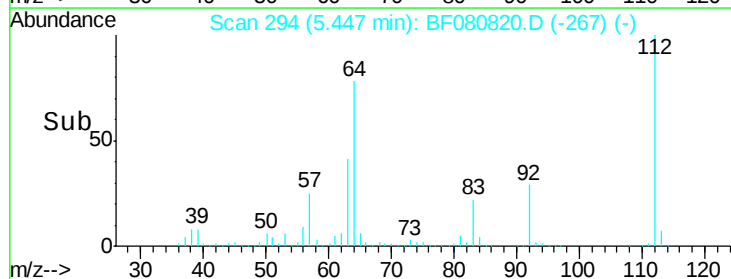
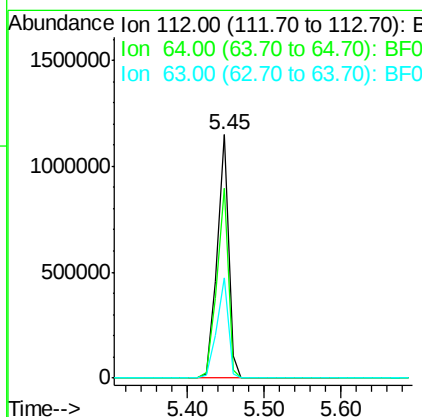
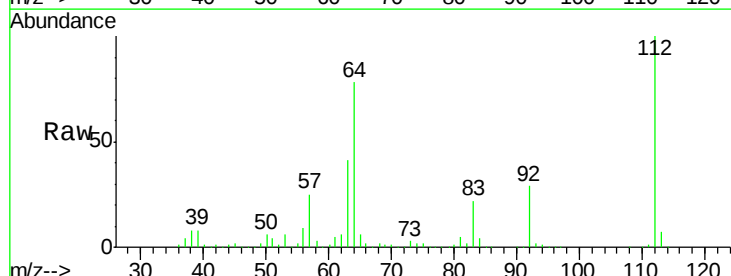
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

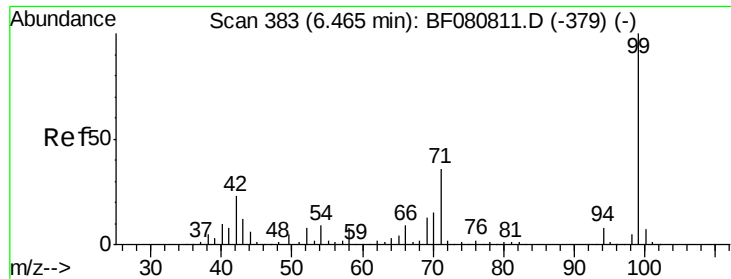
Tgt Ion:152 Resp: 163132
 Ion Ratio Lower Upper
 152 100
 150 163.2 122.9 184.3
 115 68.6 42.0 63.0#



#5
 2-Fluorophenol
 Concen: 122.65 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:112 Resp: 1200076
 Ion Ratio Lower Upper
 112 100
 64 77.9 55.0 82.4
 63 41.3 28.6 42.8





#7

Phenol-d6

Concen: 127.81 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080820.D

Acq: 4 Aug 2015 1:08

Instrument :

BNA_F

ClientSampleId :

PB84719BL

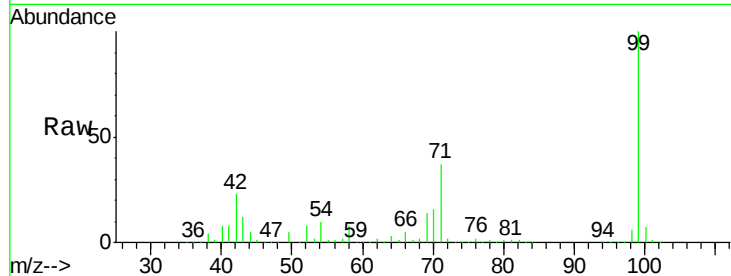
Tgt Ion: 99 Resp: 1682211

Ion Ratio Lower Upper

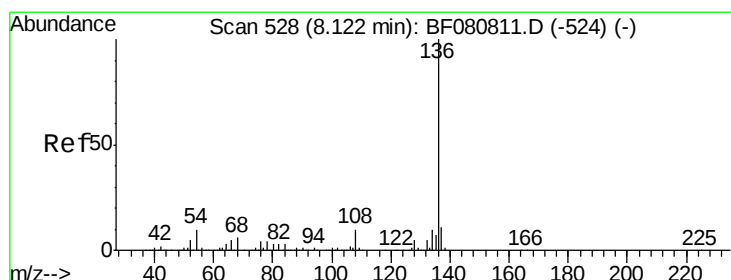
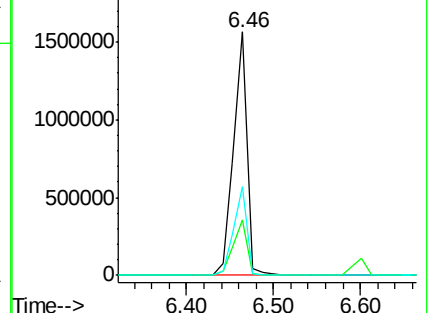
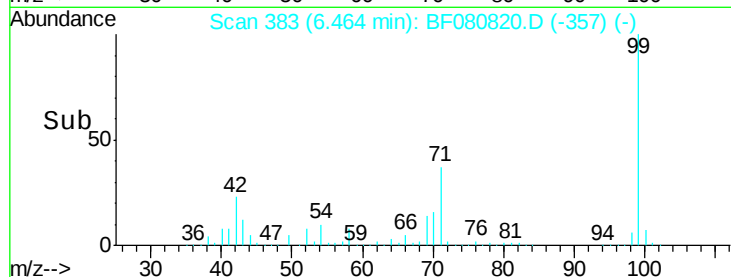
99 100

42 22.6 18.4 27.6

71 36.6 28.7 43.1



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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080820.D

Acq: 4 Aug 2015 1:08

Tgt Ion: 136 Resp: 600653

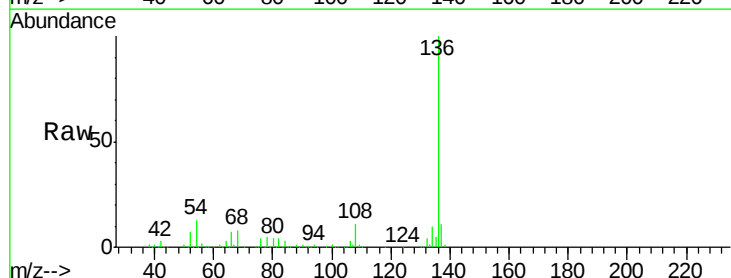
Ion Ratio Lower Upper

136 100

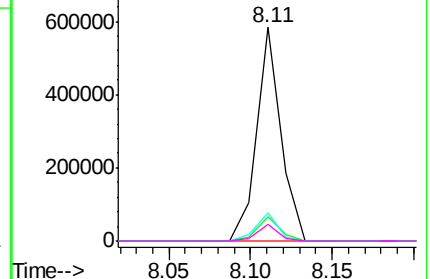
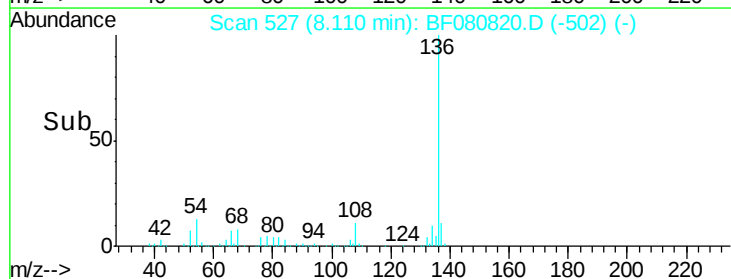
137 11.4 8.8 13.2

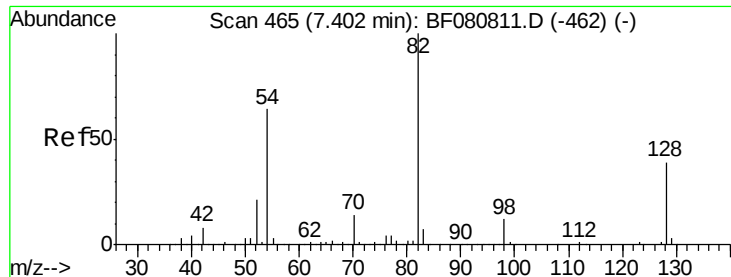
54 13.4 7.9 11.9#

68 7.6 4.4 6.6#



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

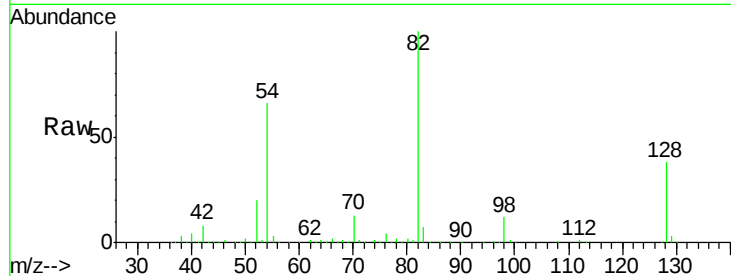




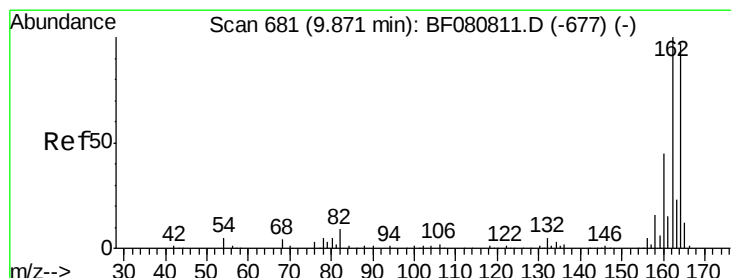
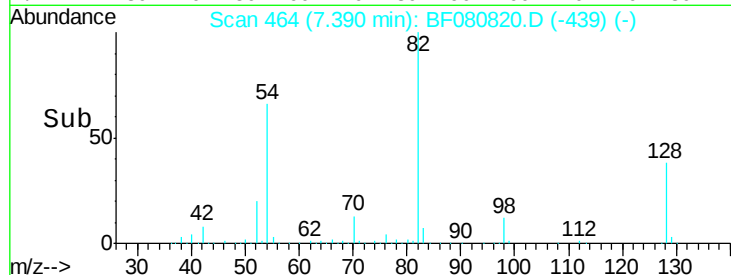
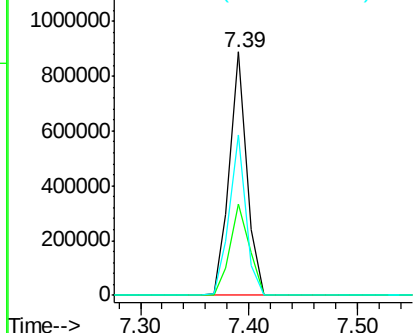
#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tgt Ion: 82 Resp: 985147
 Ion Ratio Lower Upper
 82 100
 128 37.7 31.4 47.0
 54 65.6 51.0 76.4

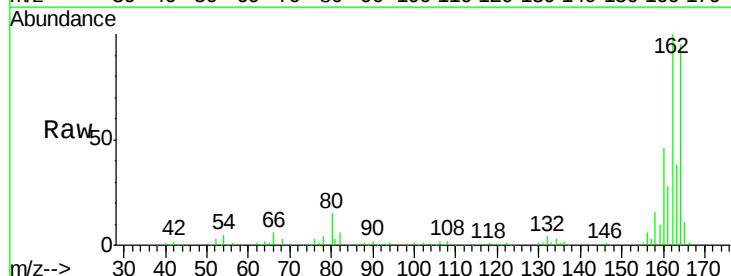


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

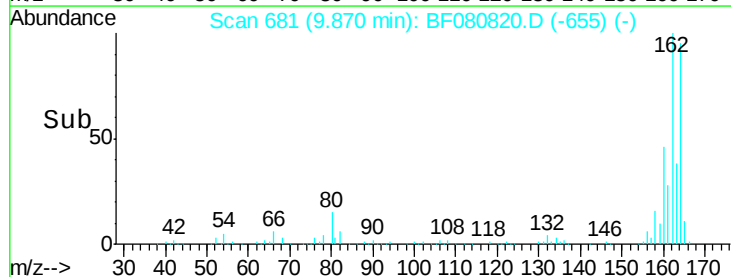
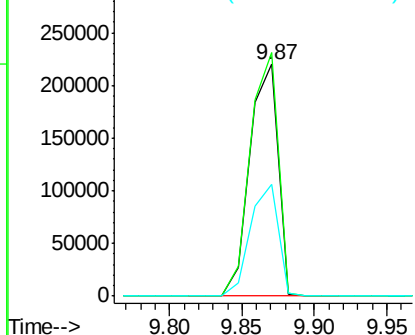


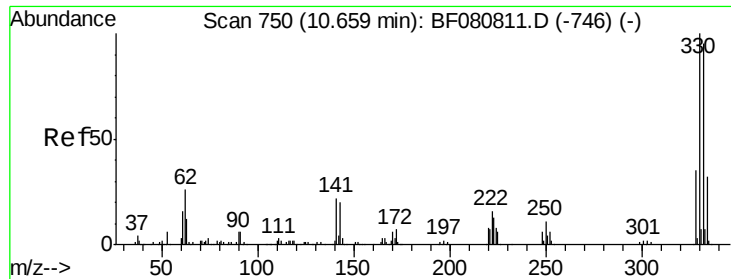
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion: 164 Resp: 297809
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.3 123.5
 160 48.3 37.3 55.9



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

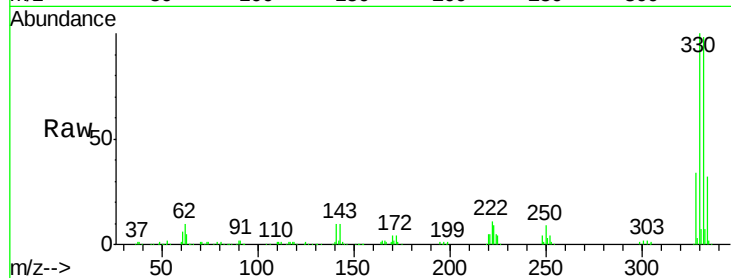




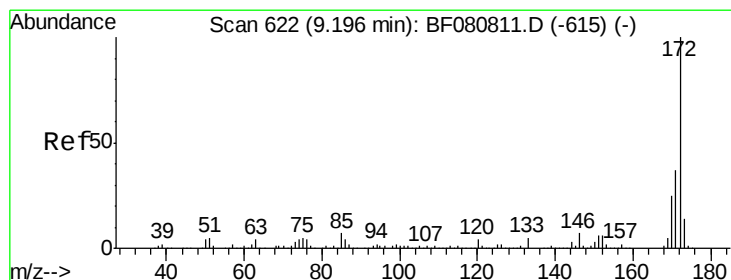
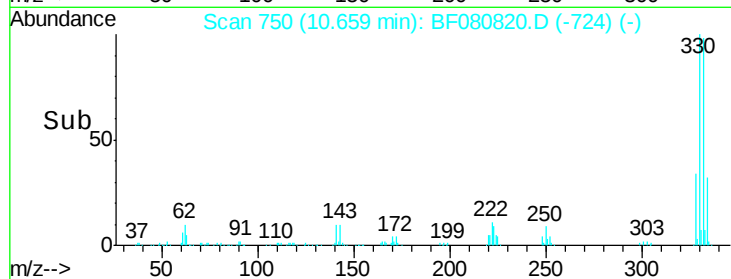
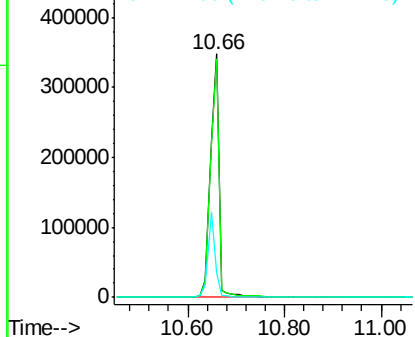
#41
 2,4,6-Tribromophenol
 Concen: 152.96 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tgt Ion:330 Resp: 436513
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 29.4 25.4 38.0

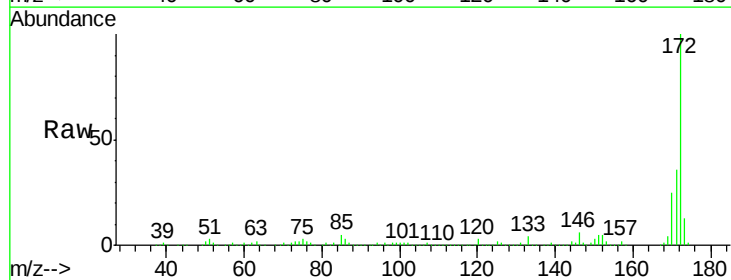


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

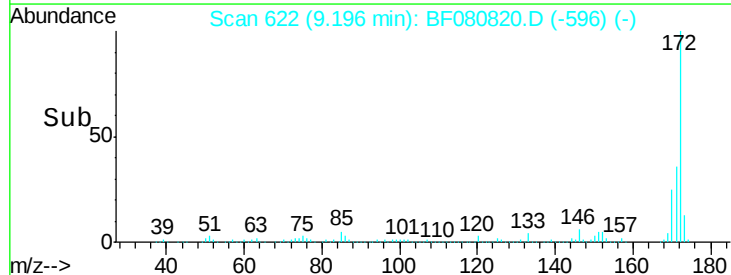
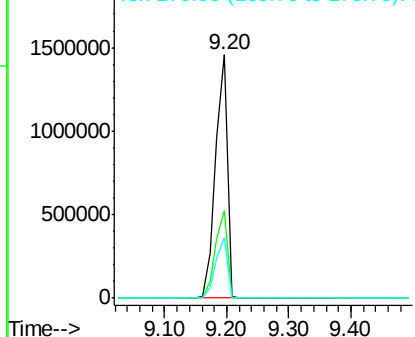


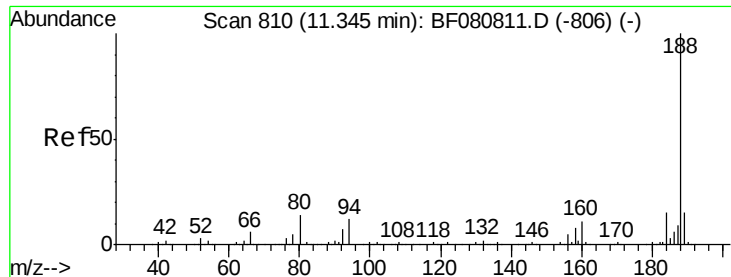
#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:172 Resp: 1868675
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 24.7 20.2 30.4



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

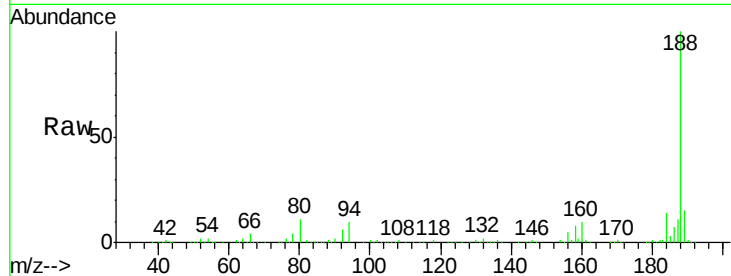




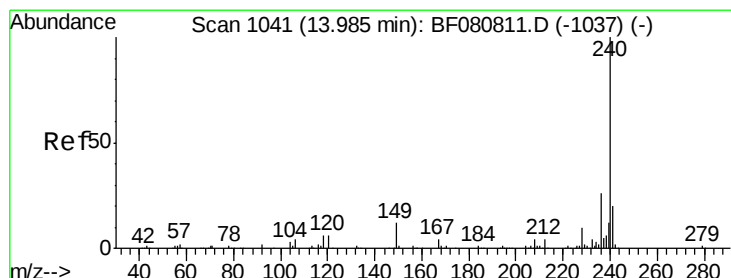
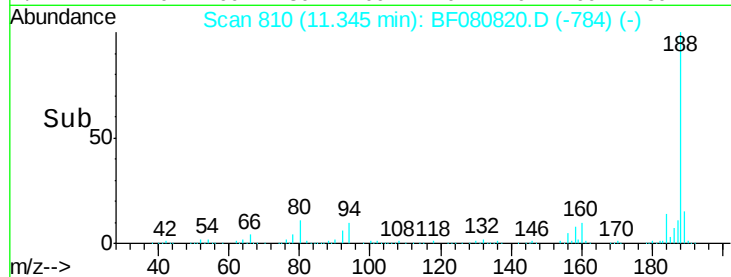
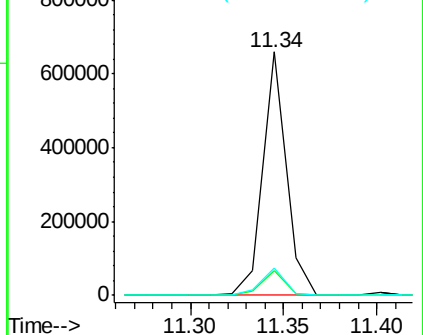
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Instrument :
BNA_F
ClientSampleId :
PB84719BL

Tgt Ion:188 Resp: 574437
Ion Ratio Lower Upper
188 100
94 10.3 9.7 14.5
80 11.4 11.2 16.8

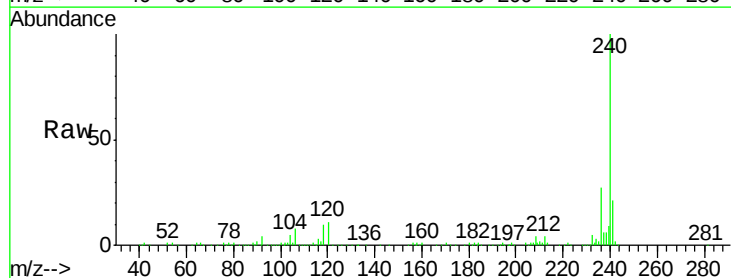


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

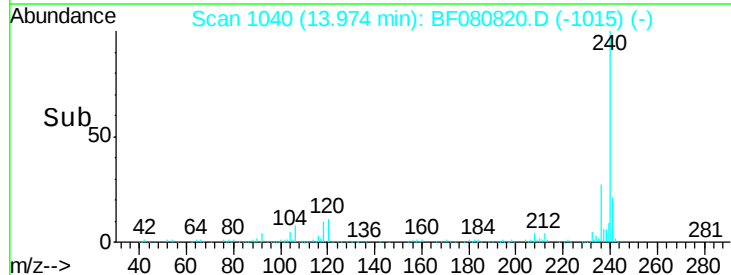
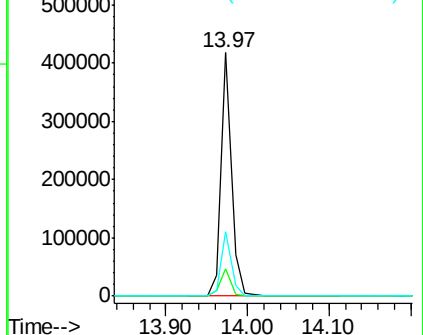


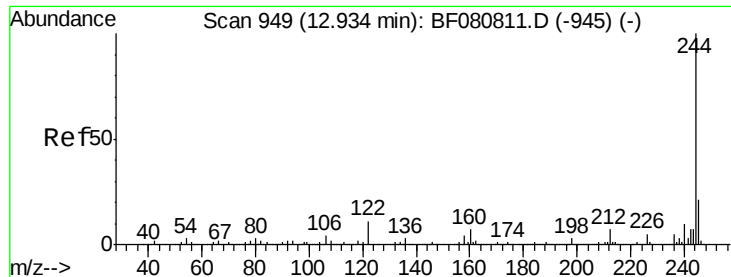
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080820.D
Acq: 4 Aug 2015 1:08

Tgt Ion:240 Resp: 367626
Ion Ratio Lower Upper
240 100
120 11.5 5.0 7.4#
236 26.6 20.8 31.2



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

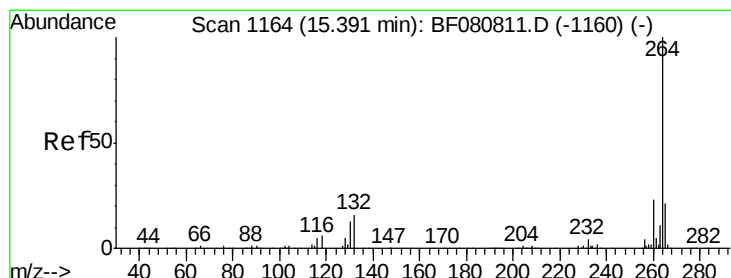
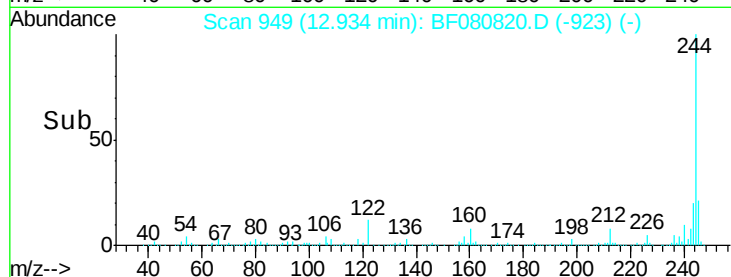
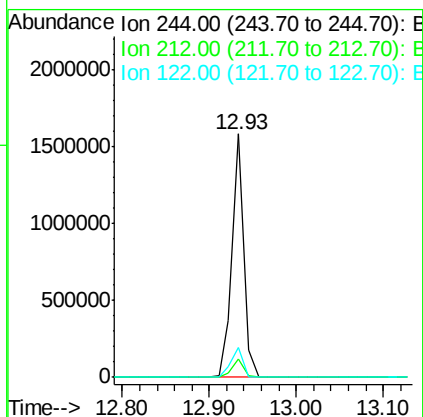
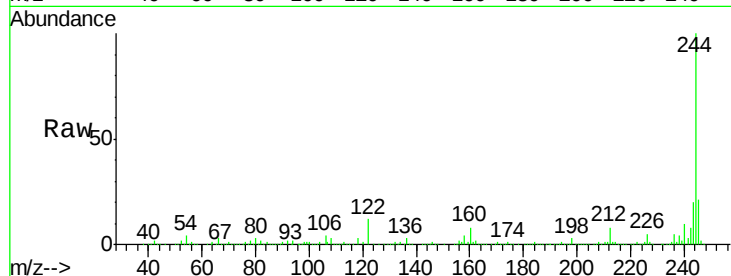




#78
 Terphenyl-d14
 Concen: 80.07 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Instrument :
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 PB84719BL

Tgt Ion:244 Resp: 1477042
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080820.D
 Acq: 4 Aug 2015 1:08

Tgt Ion:264 Resp: 266803
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 19.9 17.0 25.6

