

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084003.D
 Acq On : 22 Dec 2015 22:12
 Operator : UM/SJ
 Sample : PB87413BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87413BL

Quant Time: Dec 23 02:27:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	54529	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	225935	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	108567	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	210632	20.00	ng	0.00
75) Chrysene-d12	13.99	240	221347	20.00	ng	-0.01
86) Perylene-d12	15.41	264	225038	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	351629	109.95	ng	0.01
7) Phenol-d6	6.48	99	486575	129.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	285394	77.60	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	143455	137.37	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	598649	74.21	ng	0.00
78) Terphenyl-d14	12.93	244	634796	68.39	ng	0.00

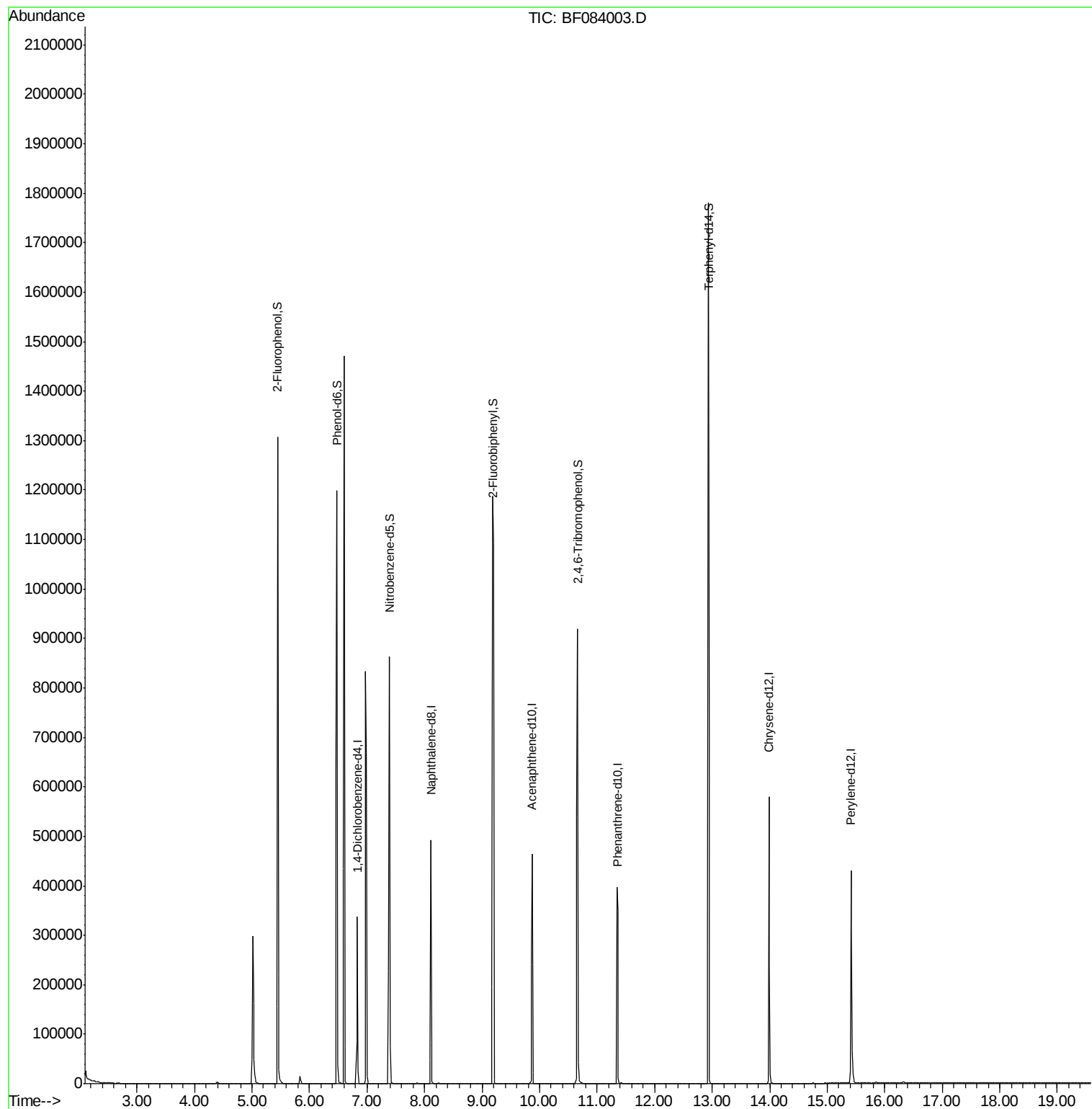
Target Compounds Qvalue

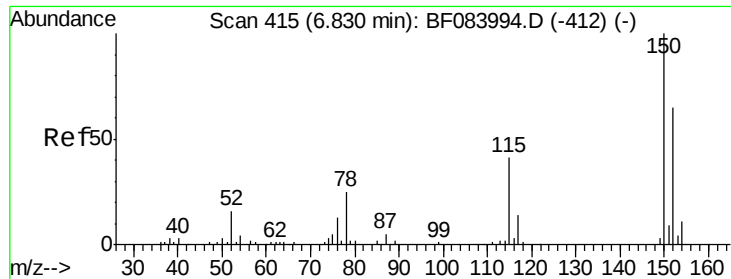
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

PB87413BL

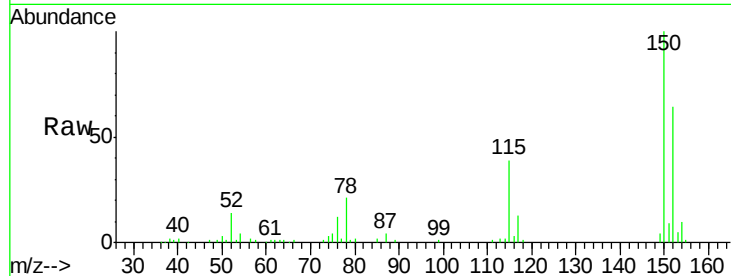
Tot Ion:152 Resp: 54529

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

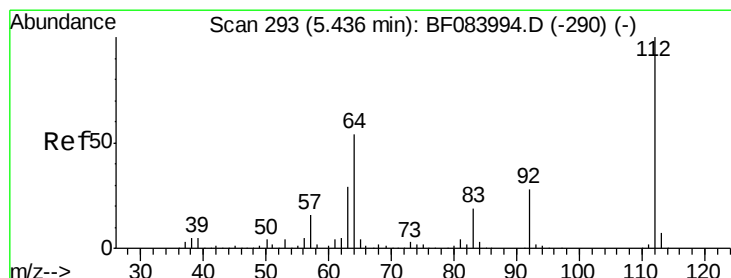
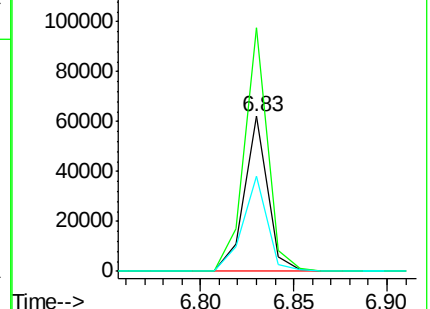
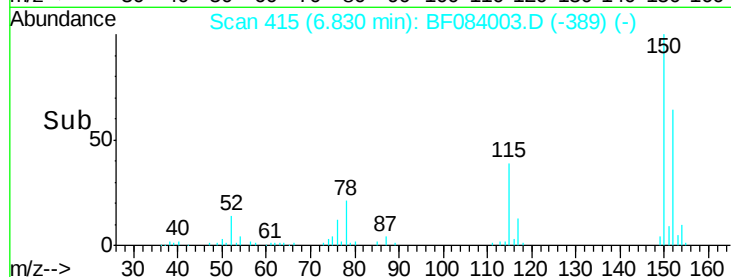
115 61.4 51.4 77.2



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: 109.95 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

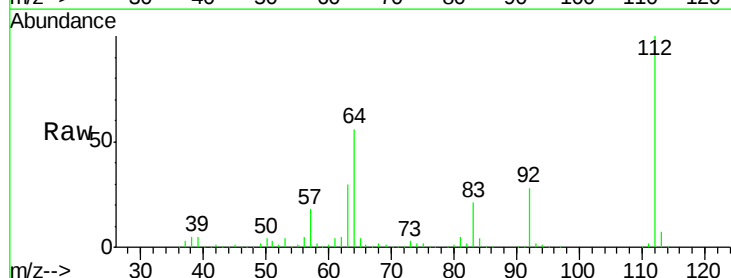
Tgt Ion:112 Resp: 351629

Ion Ratio Lower Upper

112 100

64 56.2 36.6 55.0#

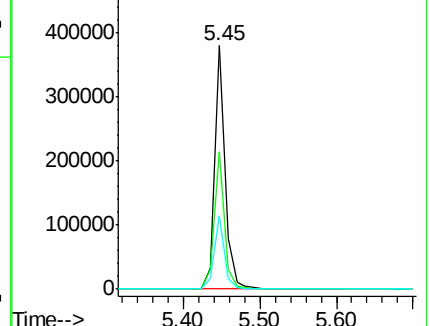
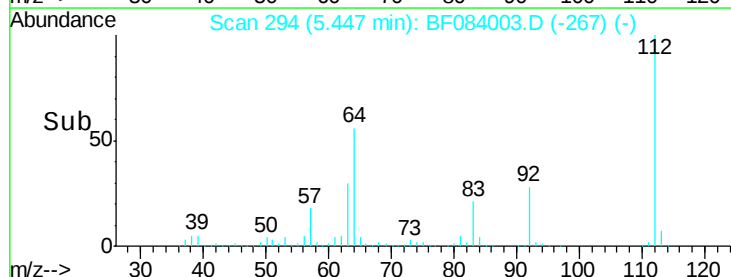
63 30.1 19.4 29.0#

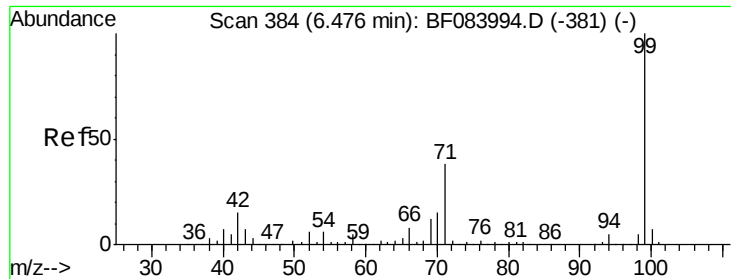


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.40 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

PB87413BL

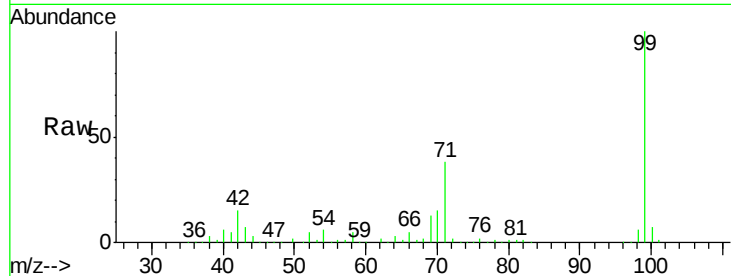
Tot Ion: 99 Resp: 486575

Ion Ratio Lower Upper

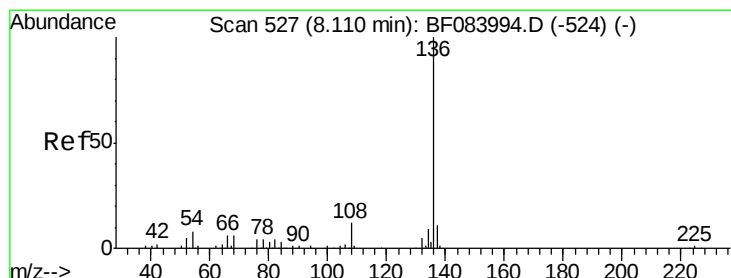
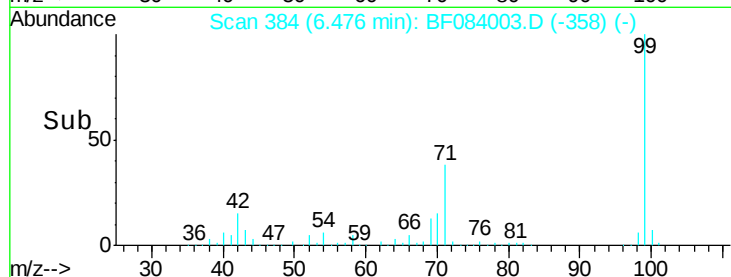
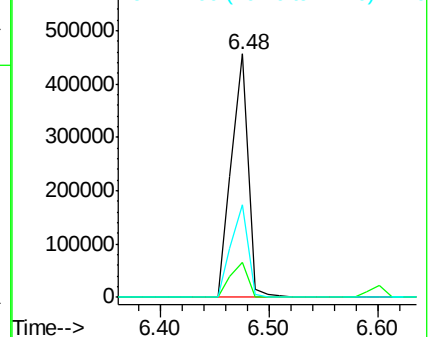
99 100

42 14.6 12.8 19.2

71 38.1 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

Tgt Ion: 136 Resp: 225935

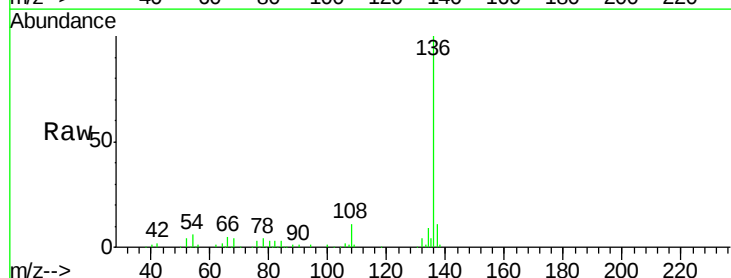
Ion Ratio Lower Upper

136 100

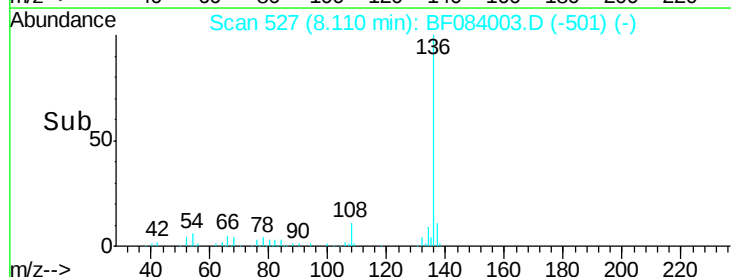
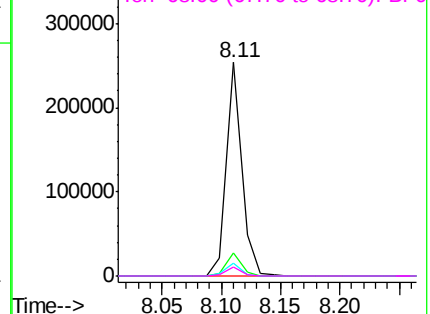
137 10.8 8.7 13.1

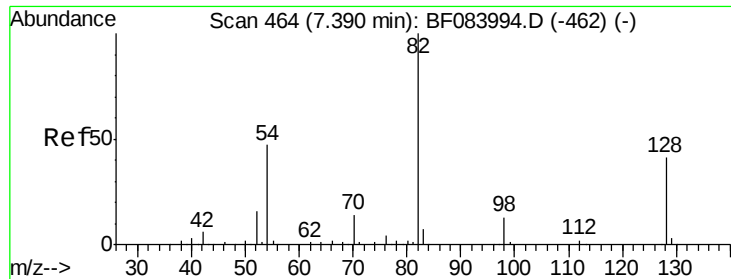
54 5.8 5.8 8.8#

68 4.3 4.2 6.2



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

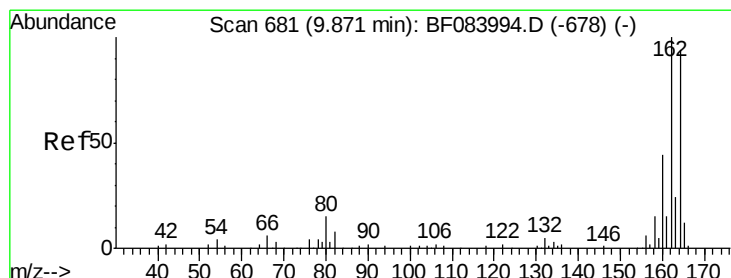
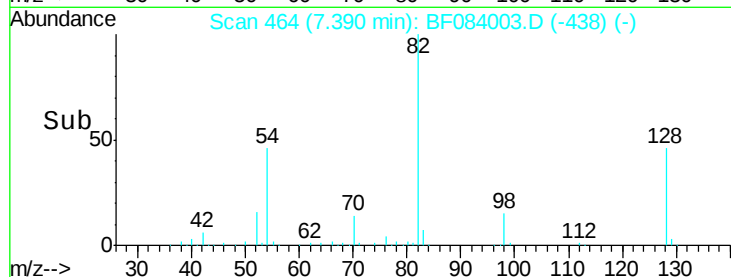
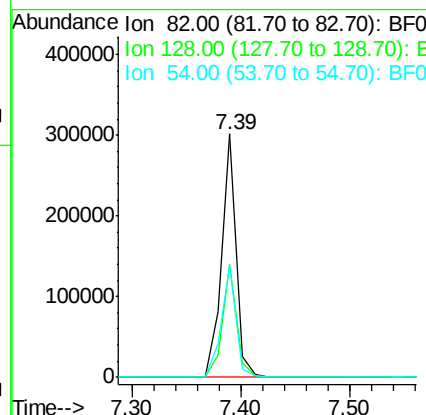
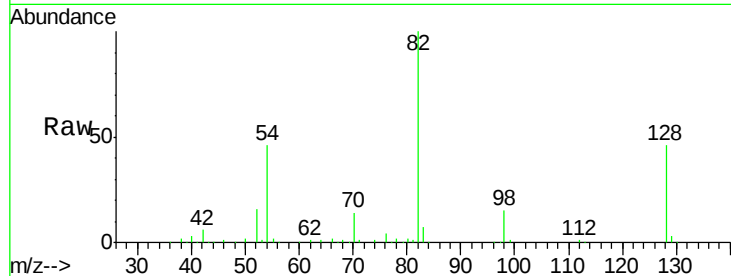




#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084003.D
 Acq: 22 Dec 2015 22:12

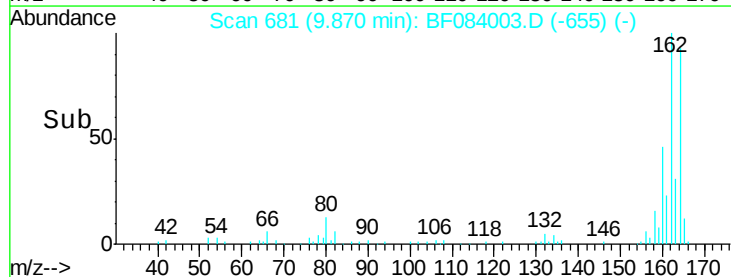
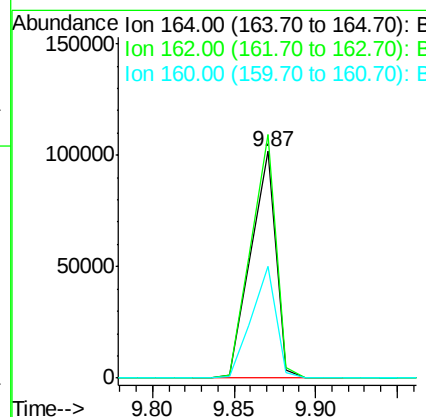
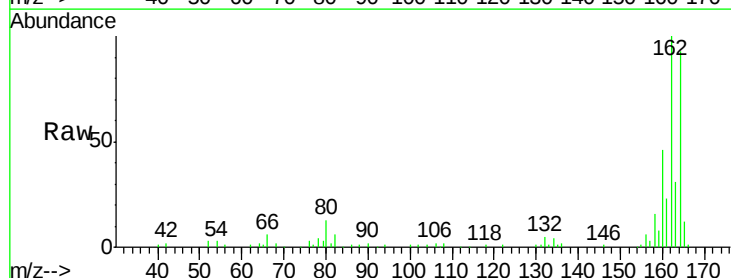
Instrument :
 BNA_F
 ClientSampleID :
 PB87413BL

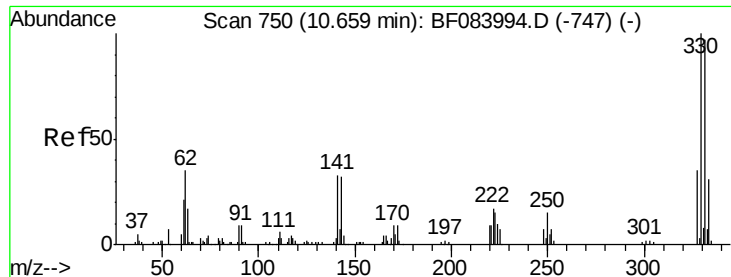
Tot Ion	82	Resp	285394
Ion Ratio	100	Lower	Upper
128	46.2	34.6	51.8
54	45.7	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084003.D
 Acq: 22 Dec 2015 22:12

Tgt Ion	164	Resp	108567
Ion Ratio	100	Lower	Upper
162	107.4	85.1	127.7
160	49.3	37.5	56.3

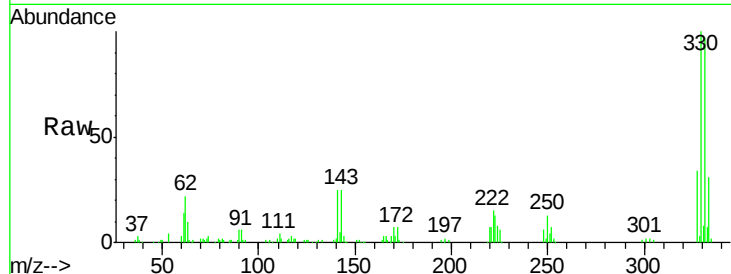




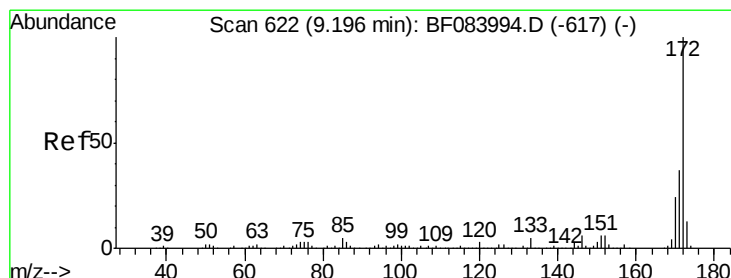
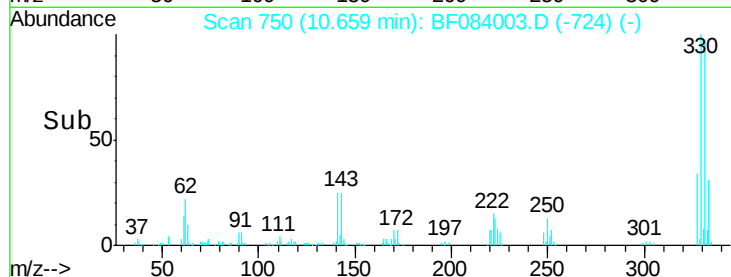
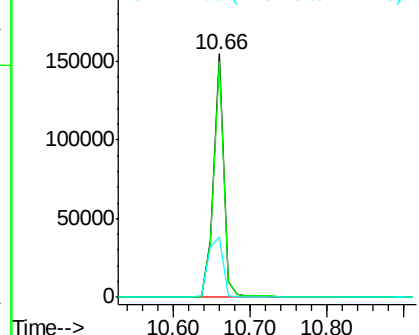
#41
 2,4,6-Tribromophenol
 Concen: 137.37 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084003.D
 Acq: 22 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87413BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.3	27.8	41.6

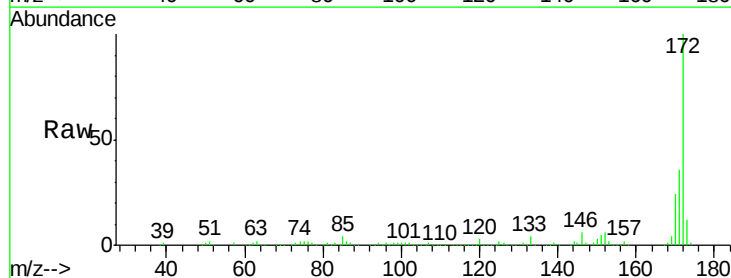


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

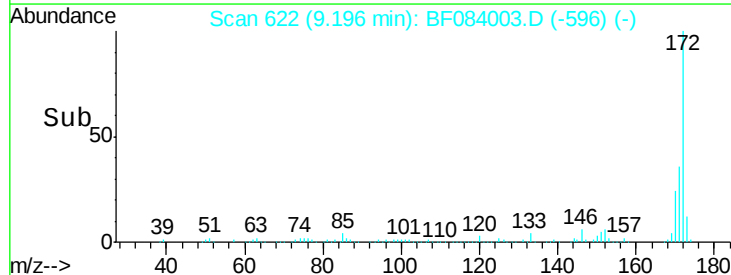
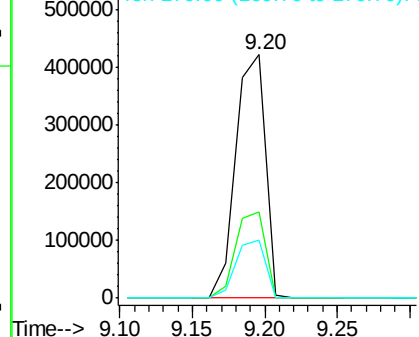


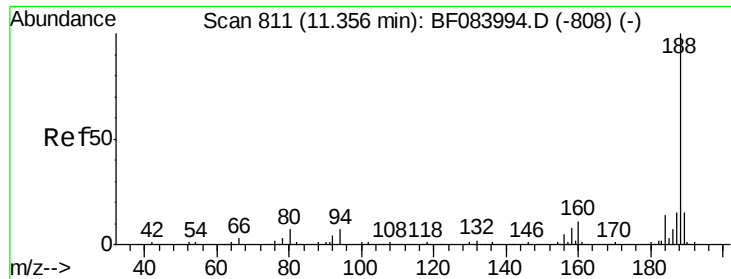
#44
 2-Fluorobiphenyl
 Concen: 74.21 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084003.D
 Acq: 22 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	18.6	27.8



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

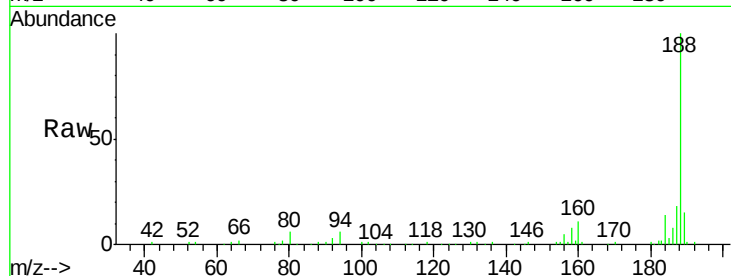




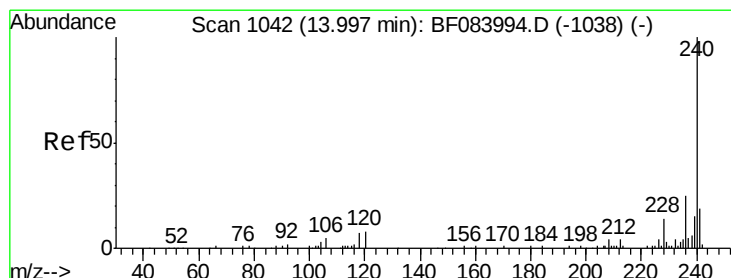
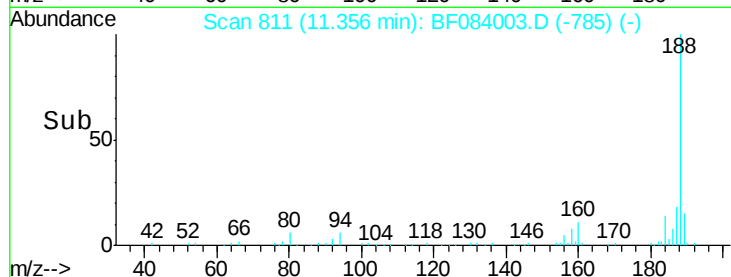
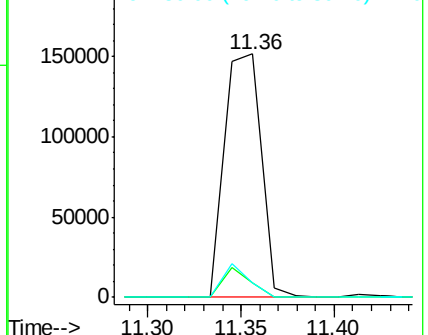
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
PB87413BL

Tot Ion:188 Resp: 210632
Ion Ratio Lower Upper
188 100
94 5.7 9.0 13.4#
80 5.9 9.6 14.4#

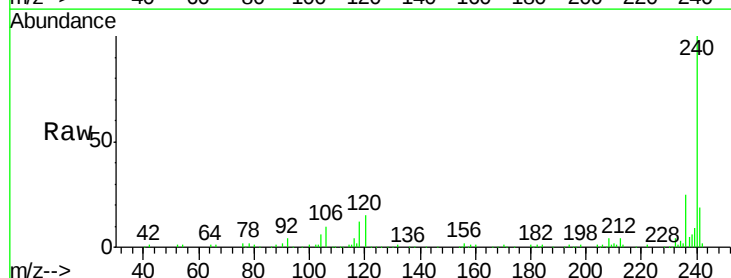


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

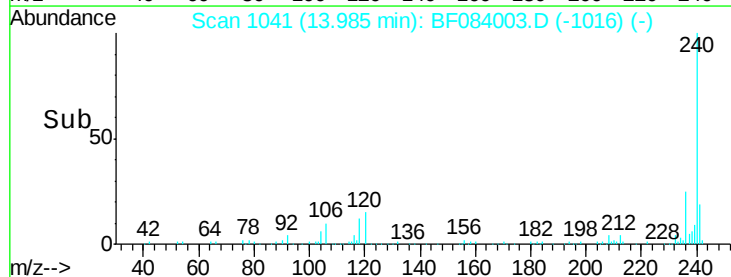
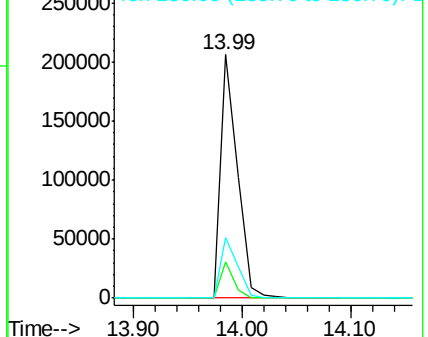


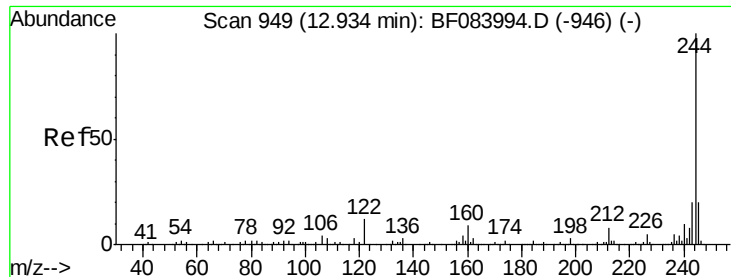
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084003.D
Acq: 22 Dec 2015 22:12

Tgt Ion:240 Resp: 221347
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.0 20.6 31.0



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: 68.39 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

PB87413BL

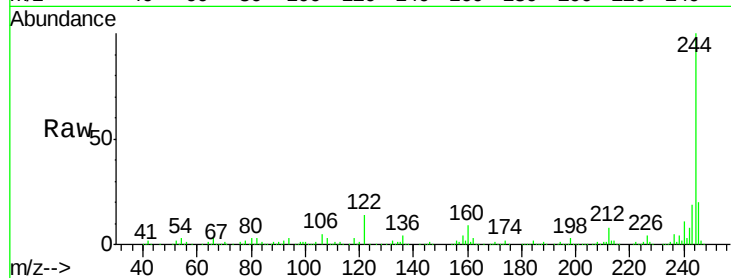
Tot Ion:244 Resp: 634796

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 13.9 7.4 11.0#



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

600000

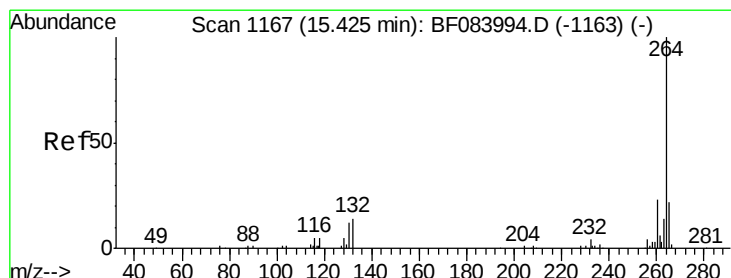
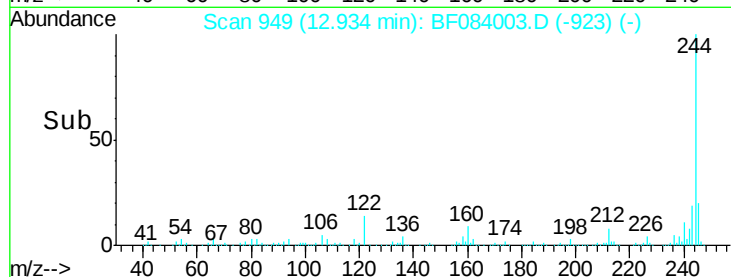
12.93

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084003.D

Acq: 22 Dec 2015 22:12

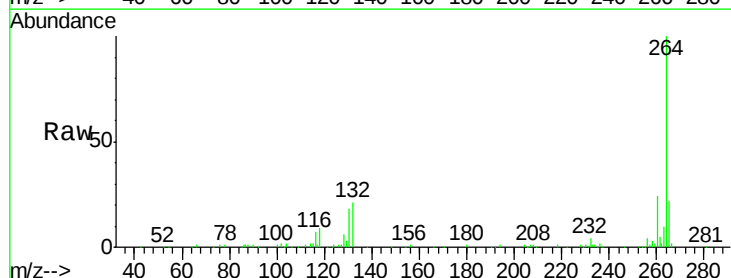
Tgt Ion:264 Resp: 225038

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.6 17.8 26.6



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

200000

15.41

150000

100000

50000

0

Time-->

