

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084788.D
 Acq On : 3 Feb 2016 16:53
 Operator : SJ/IZ
 Sample : PB88159BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BL

Quant Time: Feb 04 00:39:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	182984	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	783415	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	359314	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	686563	20.00	ng	0.00
75) Chrysene-d12	13.84	240	600603	20.00	ng	0.00
86) Perylene-d12	15.21	264	434669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1145228	97.48	ng	0.01
7) Phenol-d6	6.34	99	1426586	97.95	ng	0.00
23) Nitrobenzene-d5	7.25	82	845361	60.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	375175	100.10	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1741819	80.04	ng	0.00
78) Terphenyl-d14	12.80	244	1724718	65.07	ng	0.00

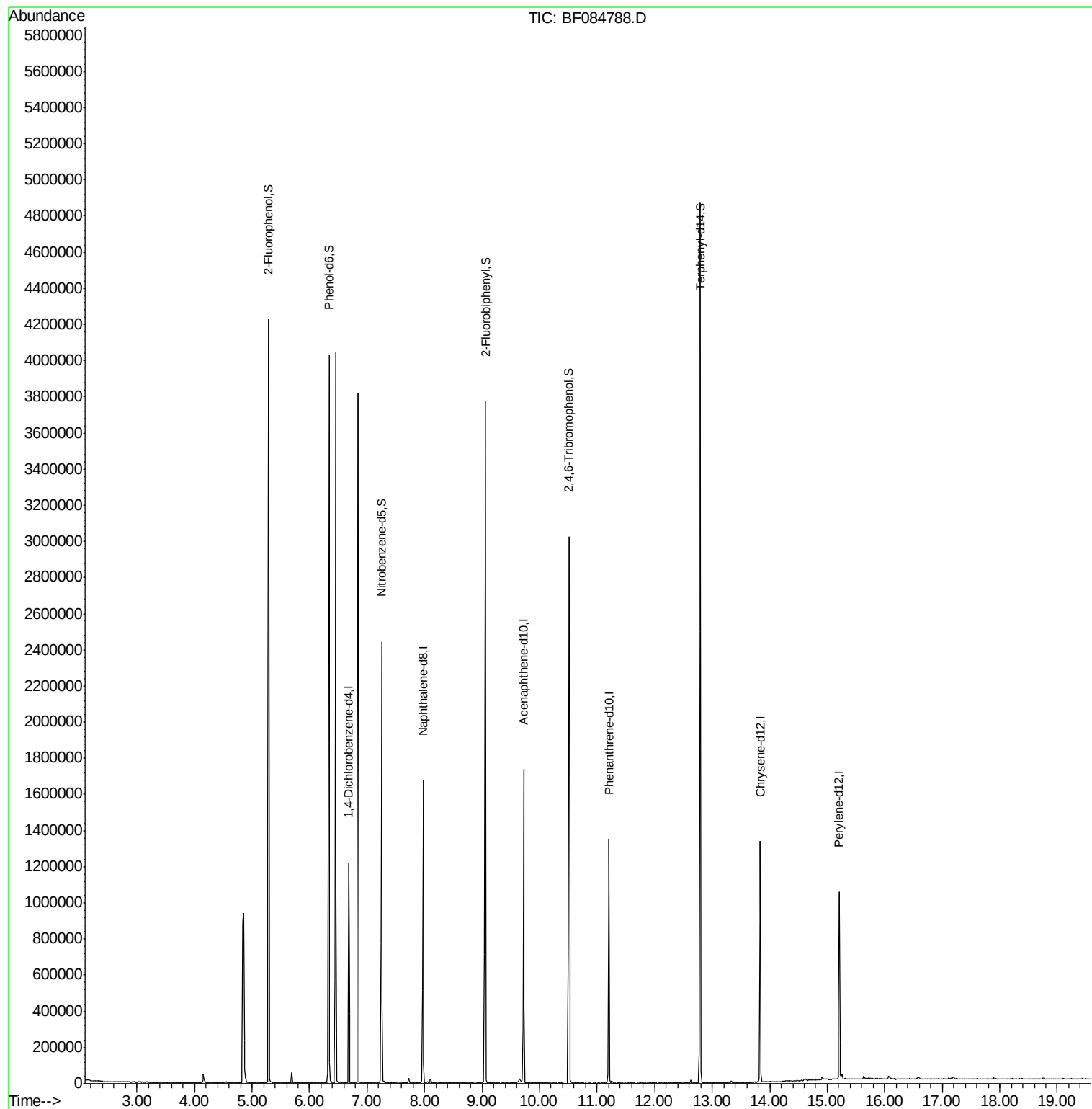
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB88159BL

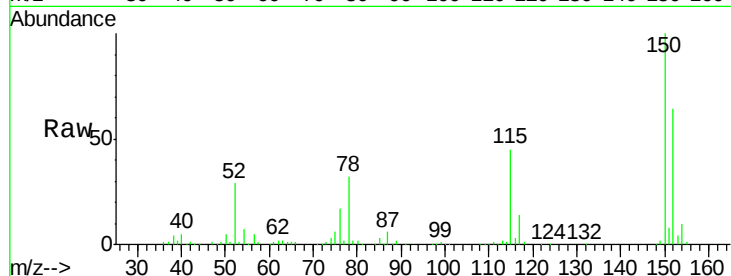
Tot Ion:152 Resp: 182984

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

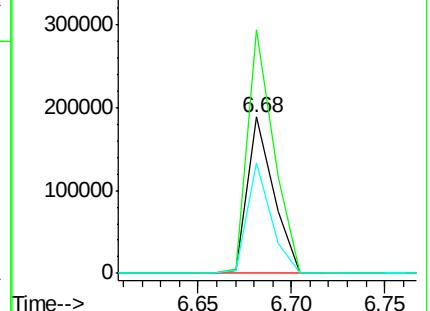
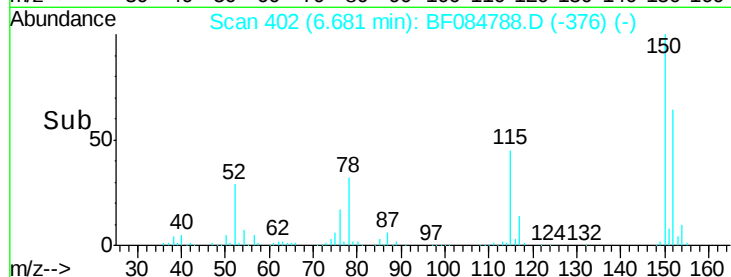
115 70.8 51.4 77.2



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: 97.48 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

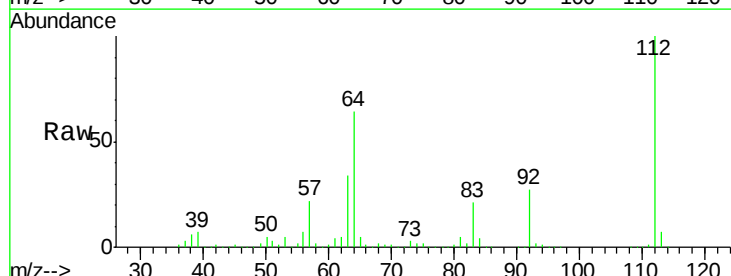
Tgt Ion:112 Resp: 1145228

Ion Ratio Lower Upper

112 100

64 64.3 36.6 55.0#

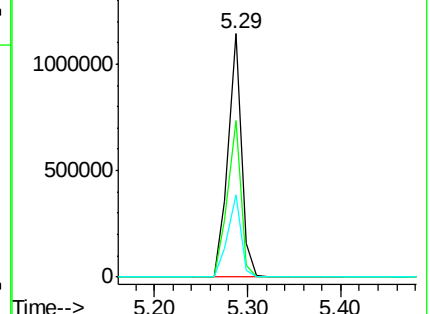
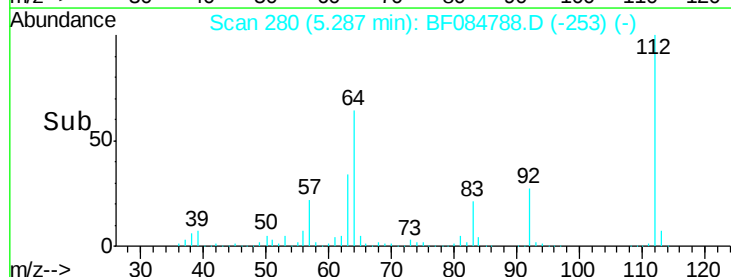
63 33.7 19.4 29.0#



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: 97.95 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

Instrument :

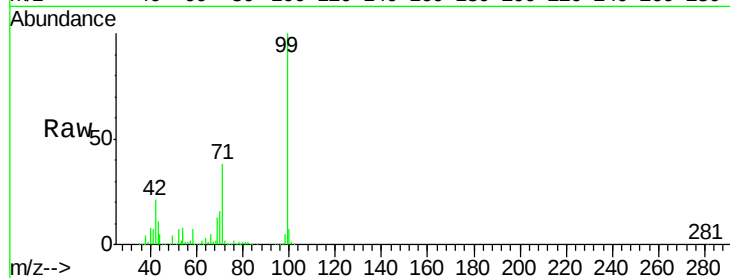
BNA_F

ClientSampleId :

PB88159BL

Tot Ion: 99 Resp: 1426586

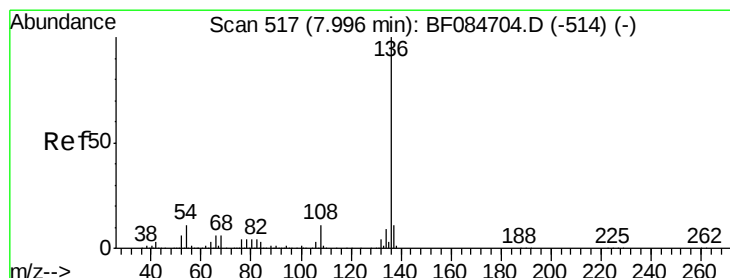
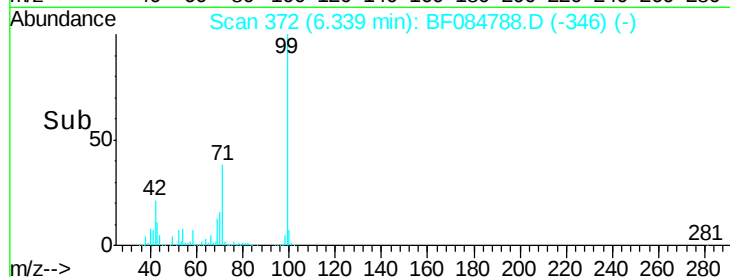
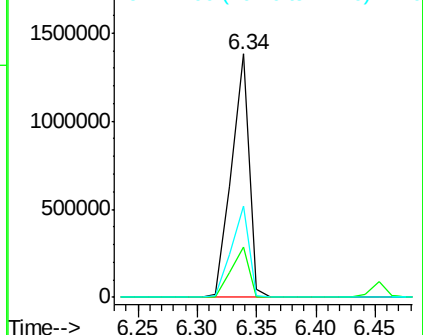
Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.6	30.9	46.3



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: 7.97 min Scan# 515

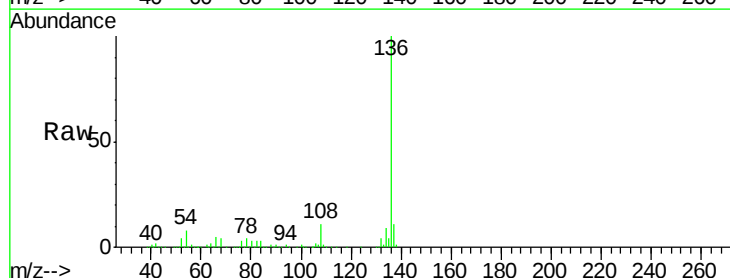
Delta R.T. -0.00 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

Tgt Ion: 136 Resp: 783415

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.0	5.8	8.8
68	4.5	4.2	6.2

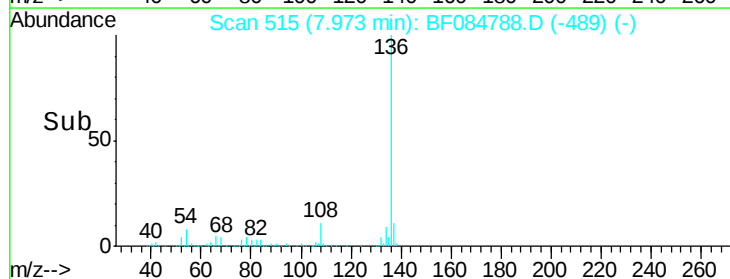
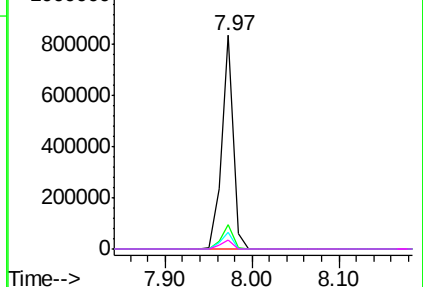


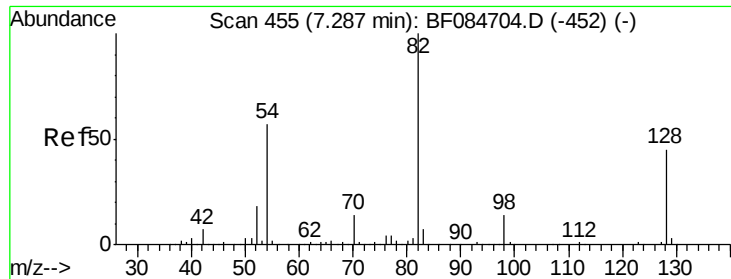
Abundance Ion 136.00 (135.70 to 136.70): E

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

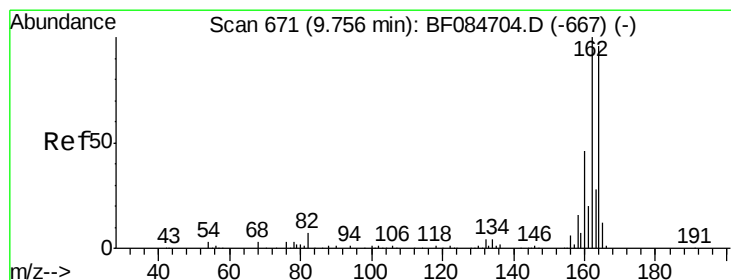
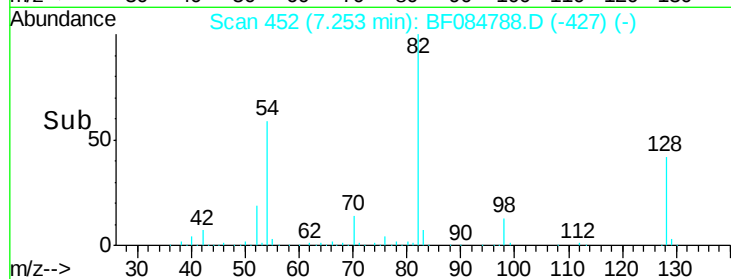
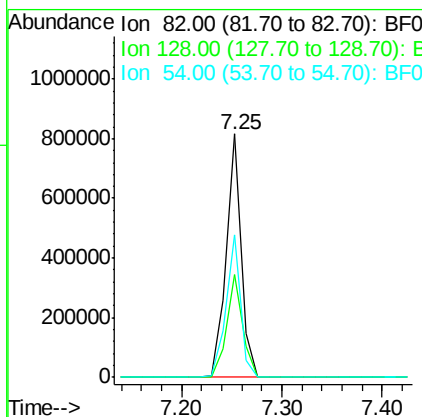
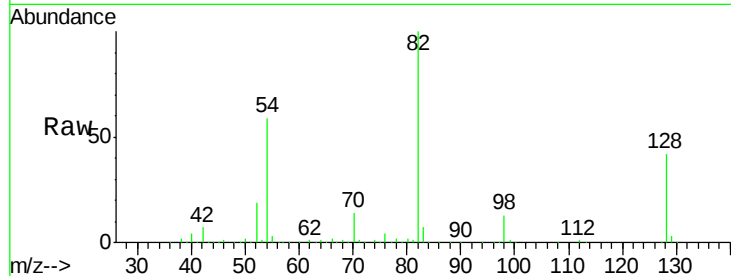




#23
 Nitrobenzene-d5
 Concen: 60.79 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084788.D
 Acq: 3 Feb 2016 16:53

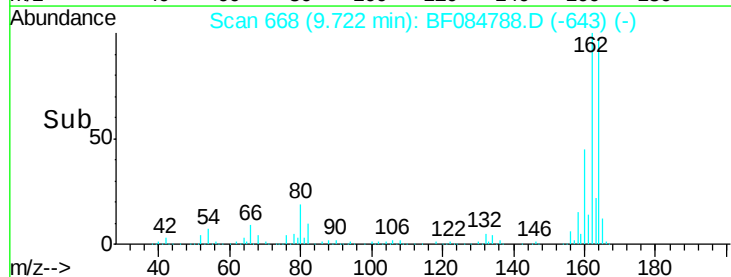
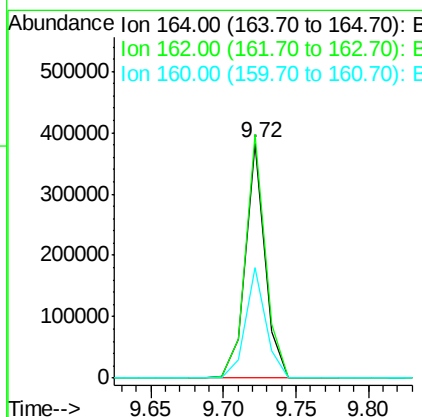
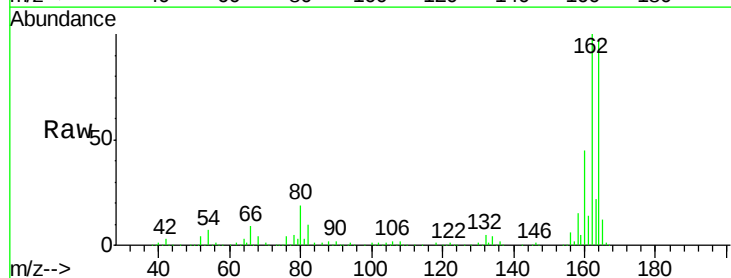
Instrument :
 BNA_F
 ClientSampleId :
 PB88159BL

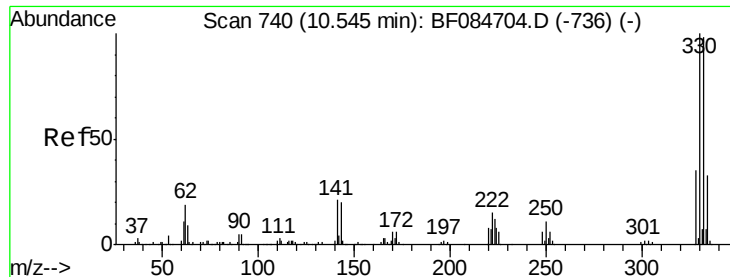
Tot Ion: 82 Resp: 845361
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 51.8
 54 58.6 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084788.D
 Acq: 3 Feb 2016 16:53

Tgt Ion:164 Resp: 359314
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 46.9 37.5 56.3

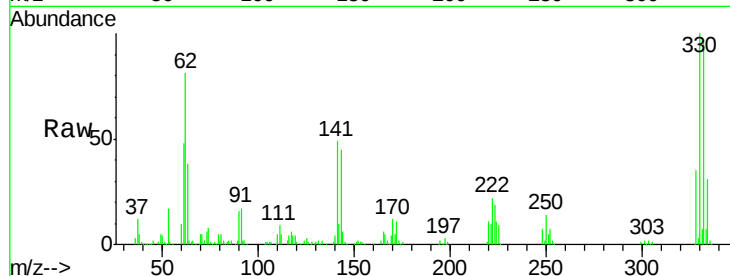




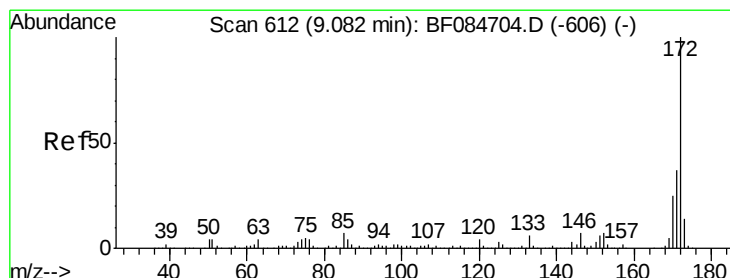
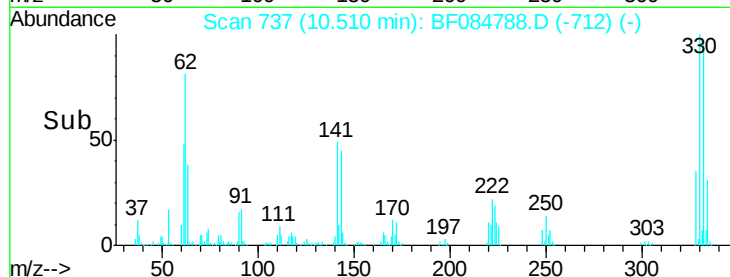
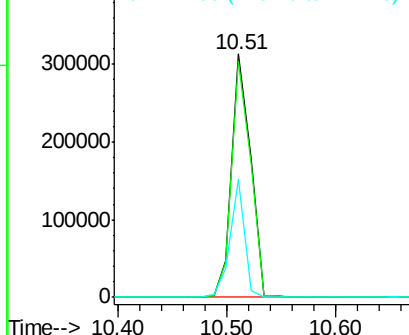
#41
 2,4,6-Tribromophenol
 Concen: 100.10 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084788.D
 Acq: 3 Feb 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88159BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	37.3	27.8	41.6

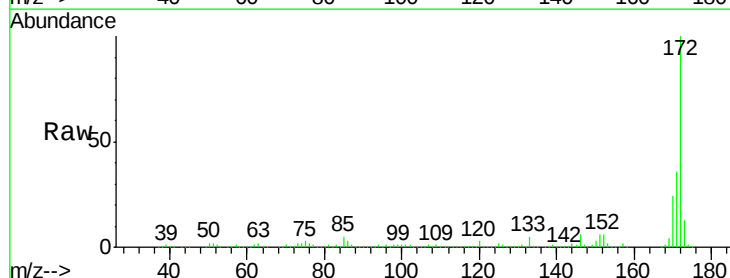


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

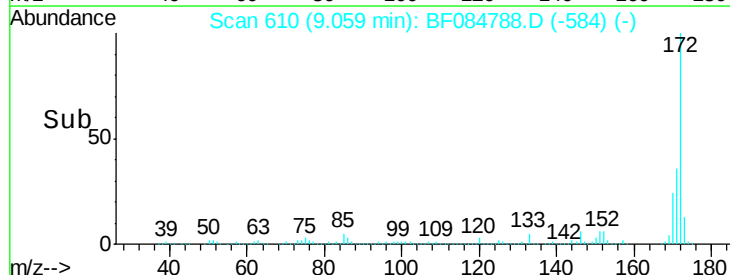
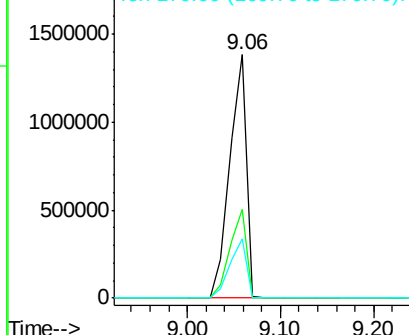


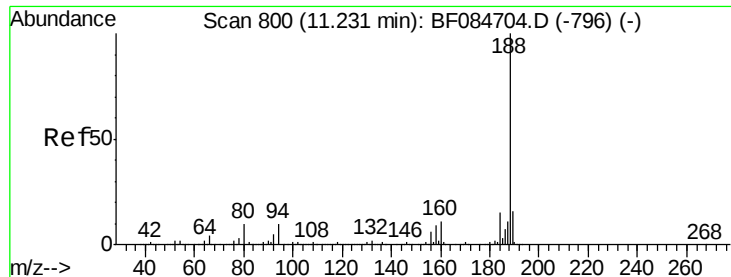
#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084788.D
 Acq: 3 Feb 2016 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.5	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

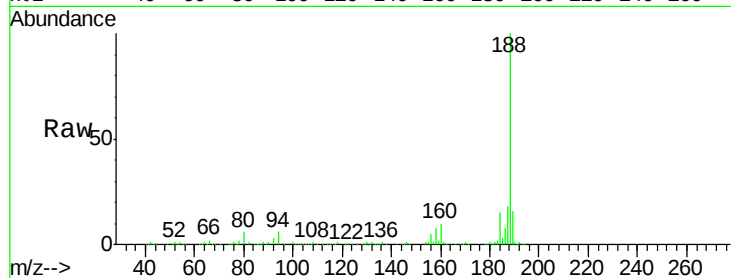




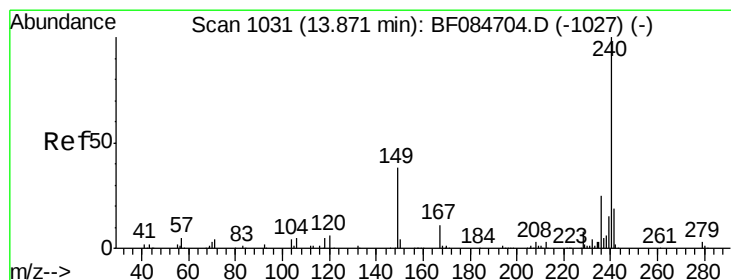
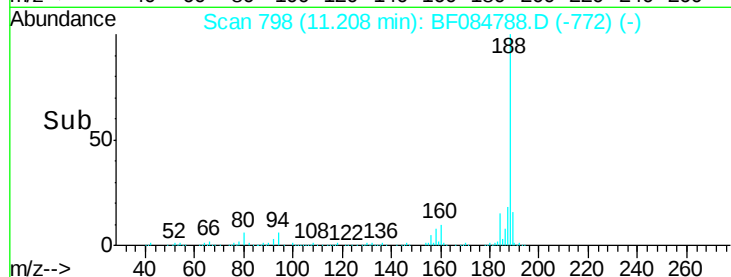
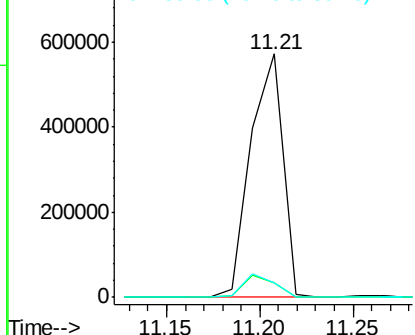
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084788.D
Acq: 3 Feb 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB88159BL

Tot Ion:188 Resp: 686563
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.2 9.6 14.4#

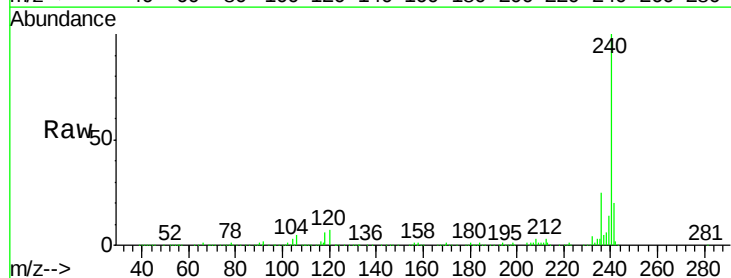


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

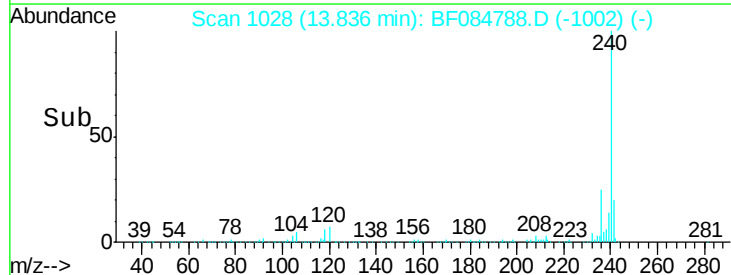
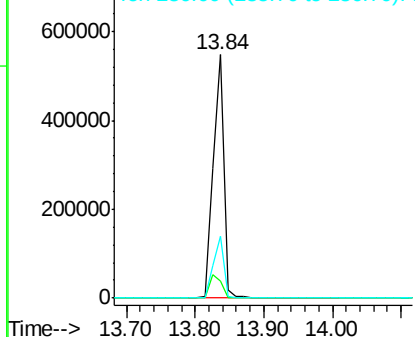


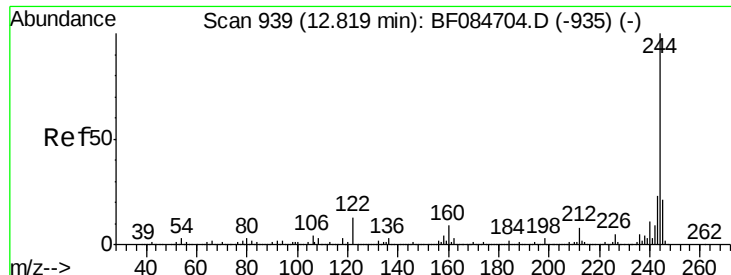
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084788.D
Acq: 3 Feb 2016 16:53

Tgt Ion:240 Resp: 600603
Ion Ratio Lower Upper
240 100
120 6.9 9.5 14.3#
236 25.4 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: 65.07 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB88159BL

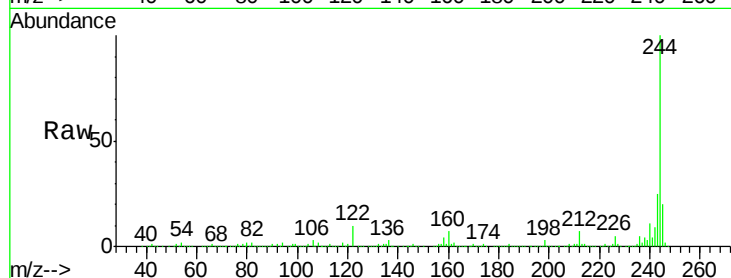
Tot Ion:244 Resp: 1724718

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

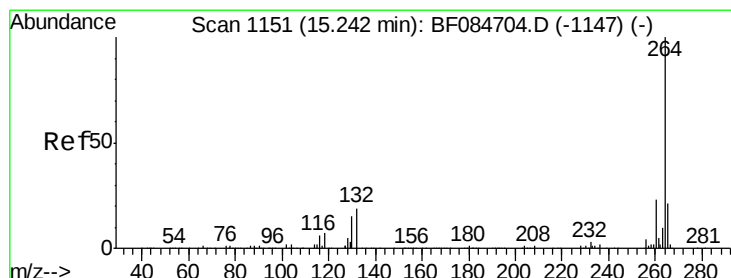
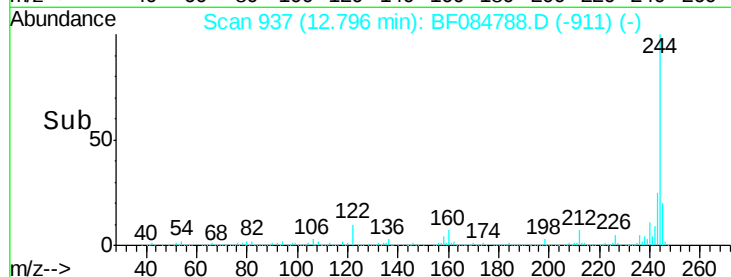
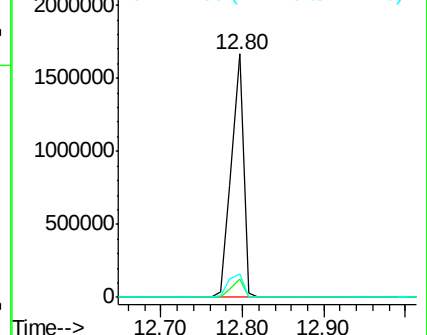
122 9.5 7.4 11.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084788.D

Acq: 3 Feb 2016 16:53

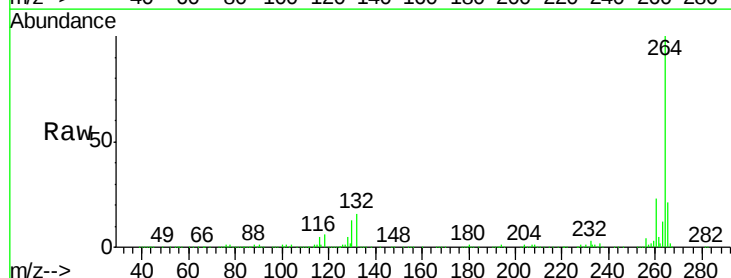
Tgt Ion:264 Resp: 434669

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.4 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

