

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084634.D
 Acq On : 29 Jan 2016 14:22
 Operator : SJ/IZ
 Sample : PB88019TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88019TB

Quant Time: Jan 29 23:26:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159901	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	668535	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301358	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	534029	20.00	ng	0.00
75) Chrysene-d12	13.87	240	568639	20.00	ng	0.00
86) Perylene-d12	15.25	264	451212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	994135	93.85	ng	0.01
7) Phenol-d6	6.37	99	1390966	109.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	727866	60.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	279484	88.49	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1488726	73.43	ng	0.00
78) Terphenyl-d14	12.83	244	1253292	49.78	ng	0.00

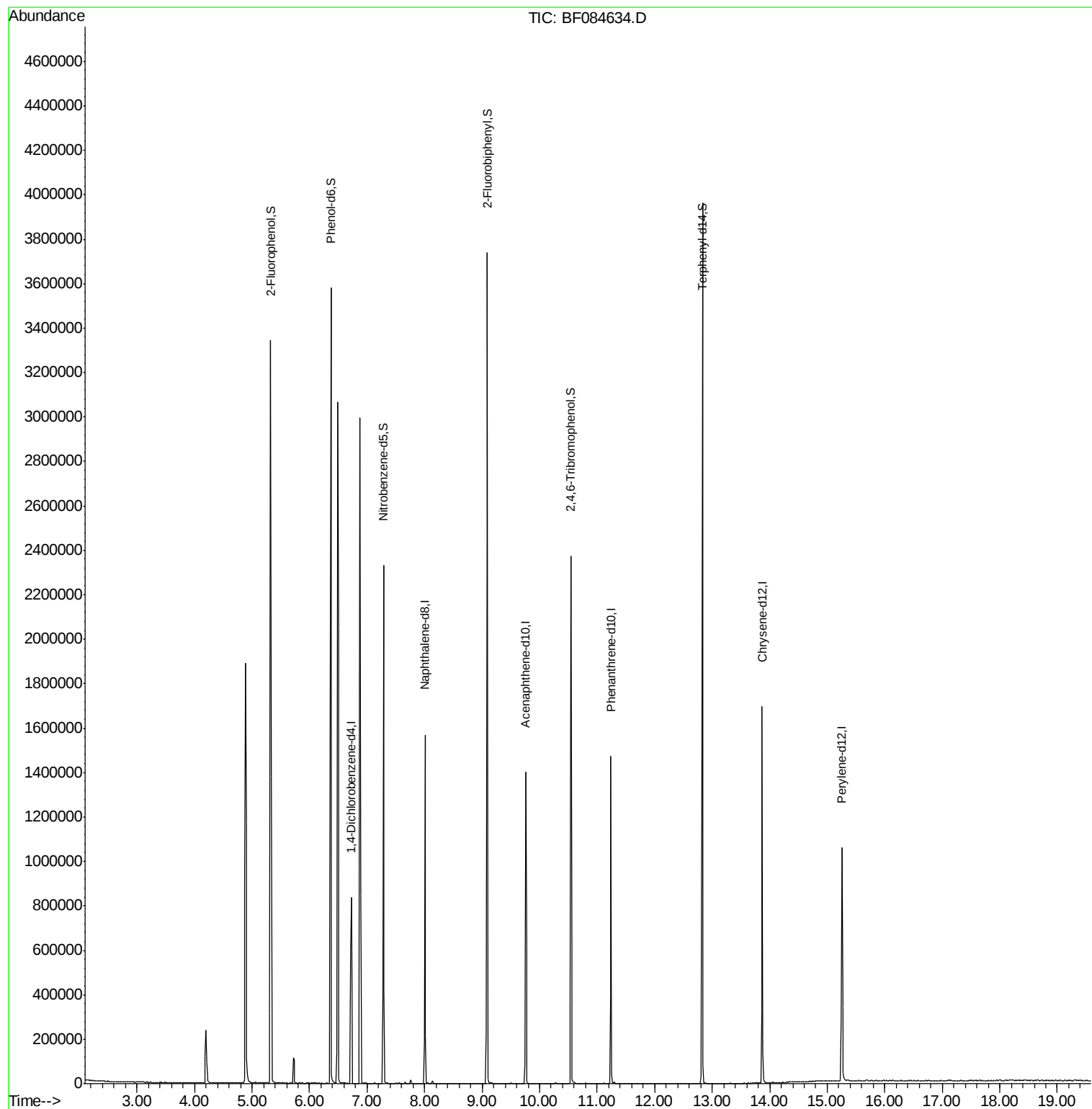
Target Compounds Qvalue

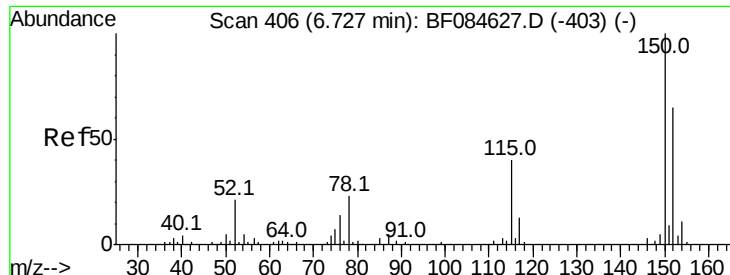
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

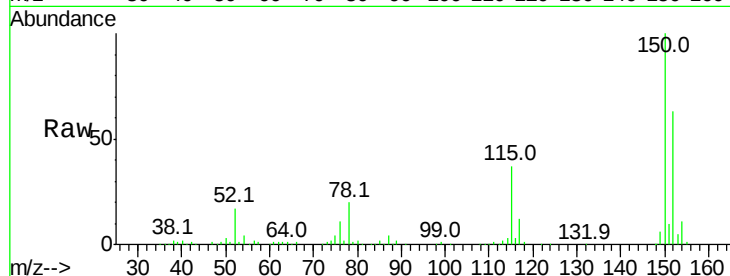
Tot Ion:152 Resp: 159901

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

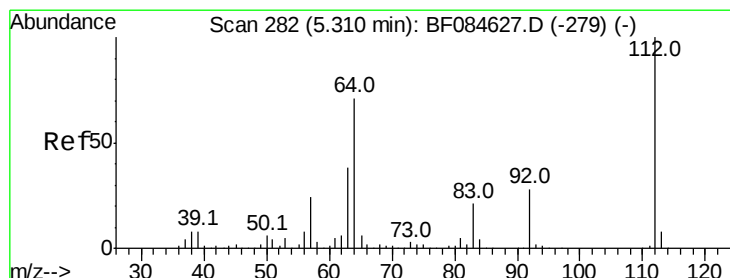
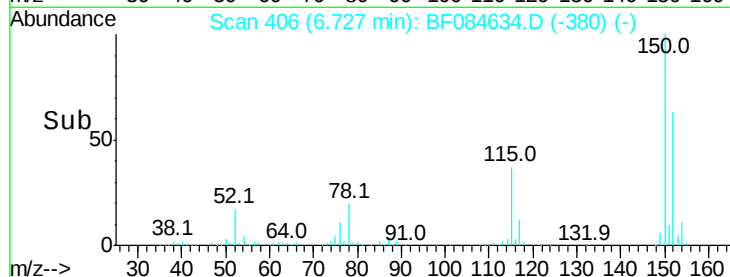
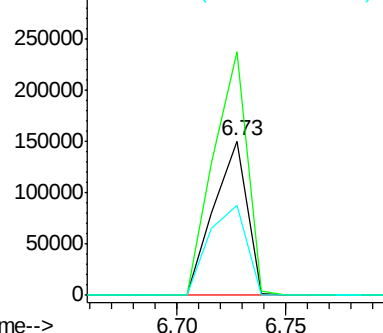
115 58.3 51.4 77.2



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: 93.85 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

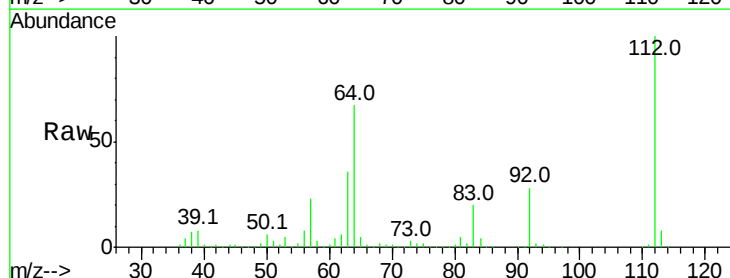
Tgt Ion:112 Resp: 994135

Ion Ratio Lower Upper

112 100

64 67.5 36.6 55.0#

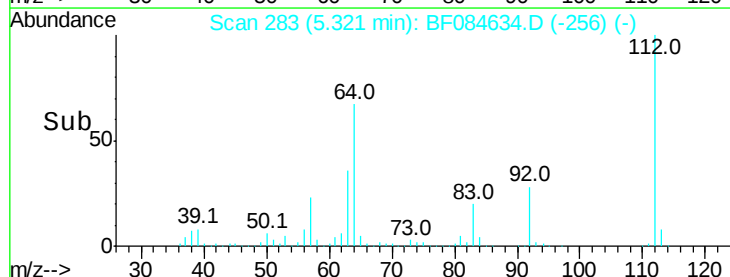
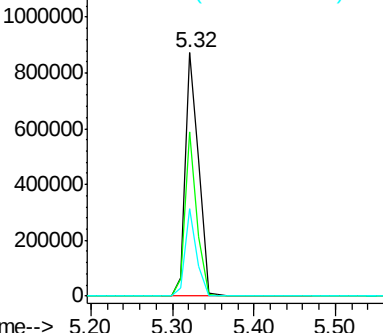
63 35.7 19.4 29.0#

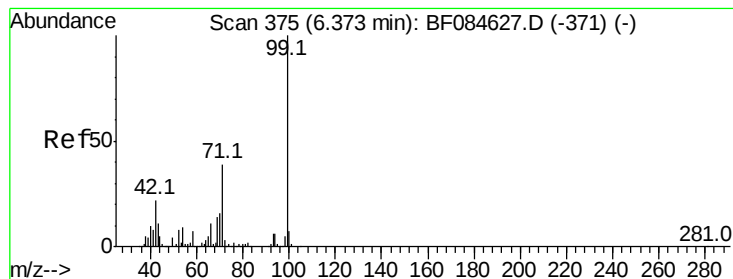


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.56 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

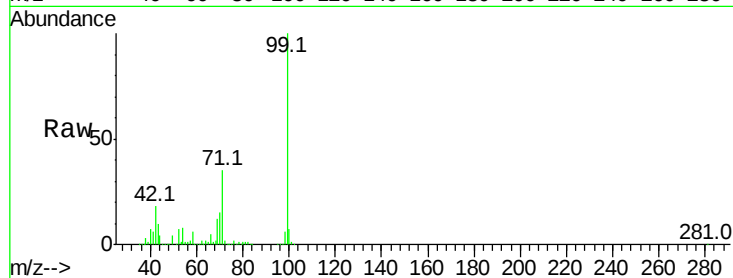
Tot Ion: 99 Resp: 1390966

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

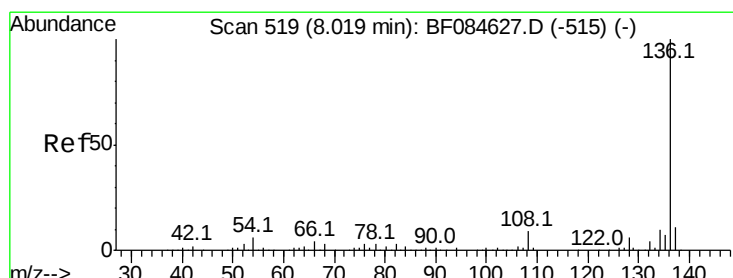
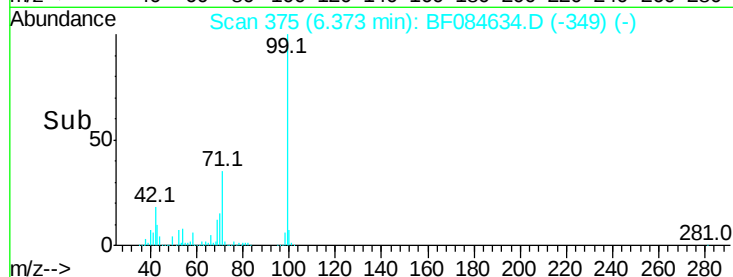
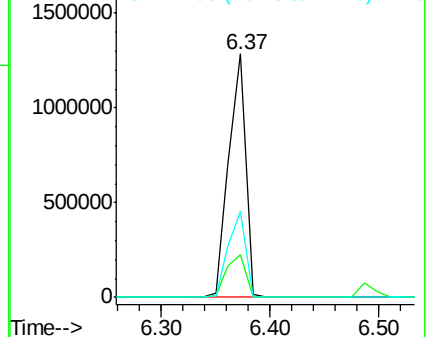
71 35.3 30.9 46.3



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: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Tgt Ion: 136 Resp: 668535

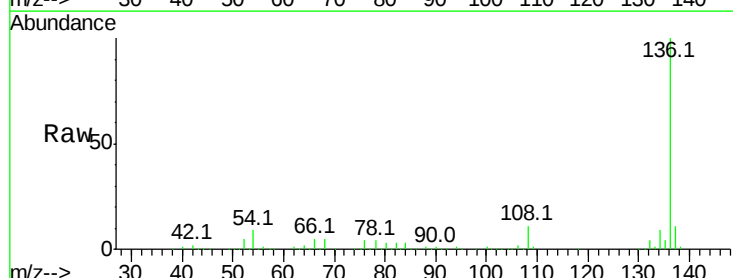
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.3 5.8 8.8#

68 4.9 4.2 6.2

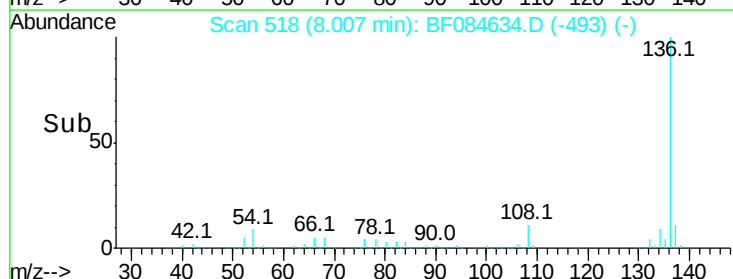
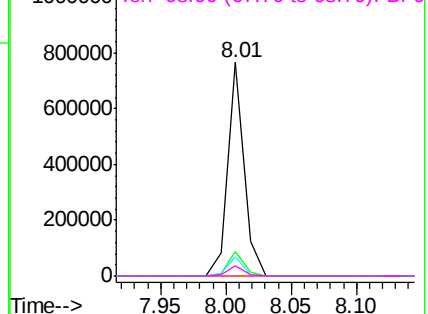


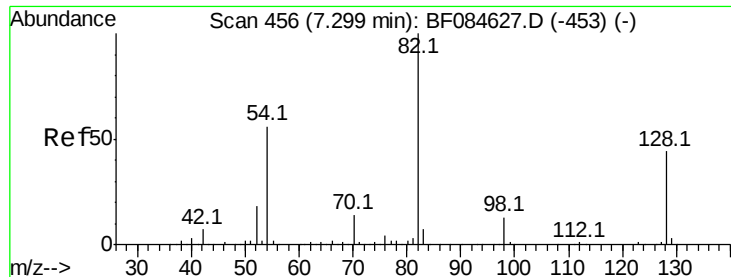
Abundance Ion 136.00 (135.70 to 136.70): E

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

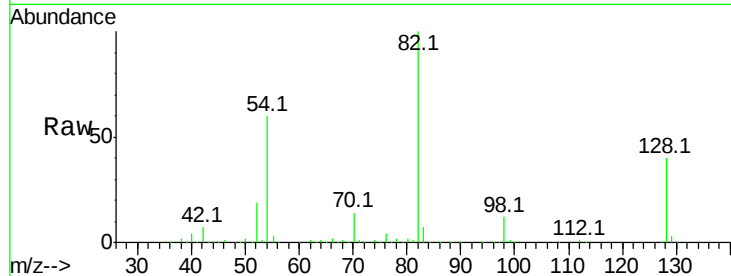




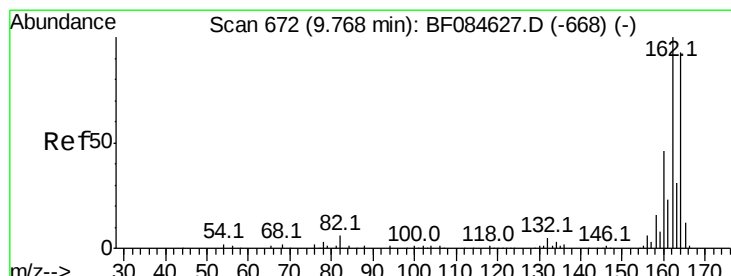
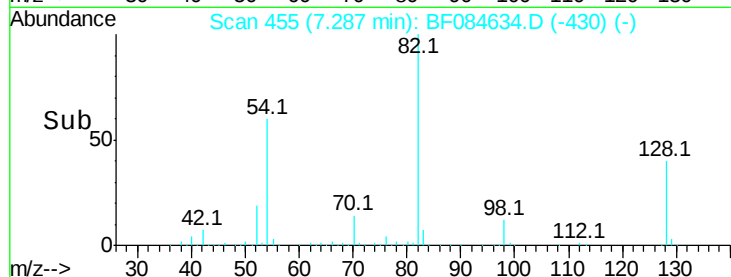
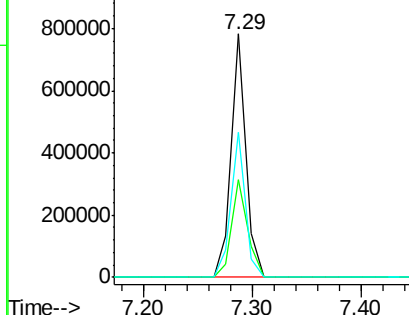
#23
 Nitrobenzene-d5
 Concen: 60.85 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88019TB

Tot Ion	82	Resp	727866
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	59.8		57.6#

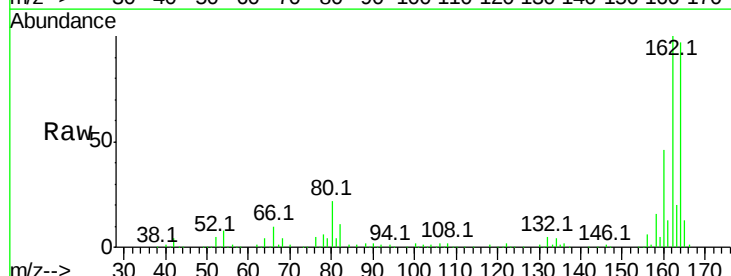


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

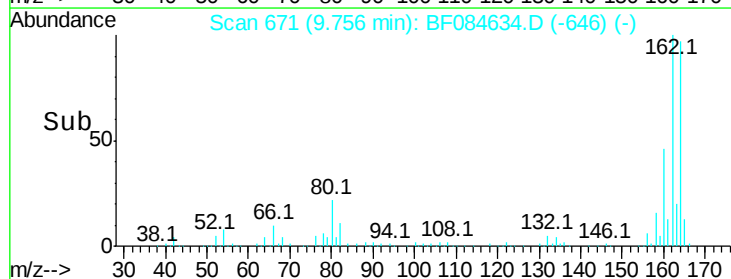
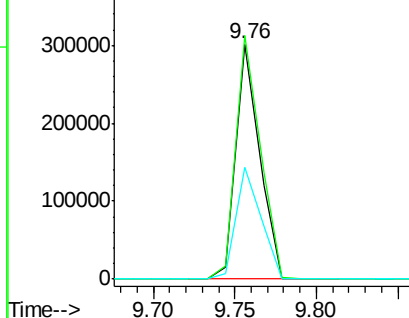


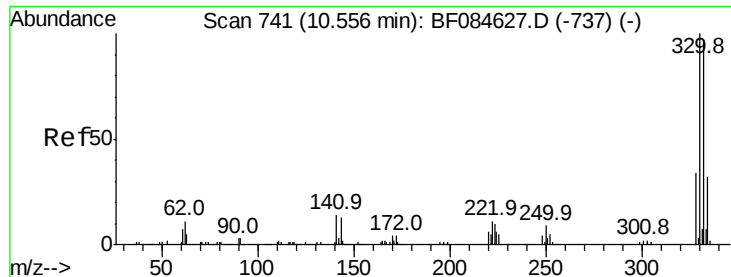
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Tgt Ion	164	Resp	301358
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	103.6		56.3
160	47.7		



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

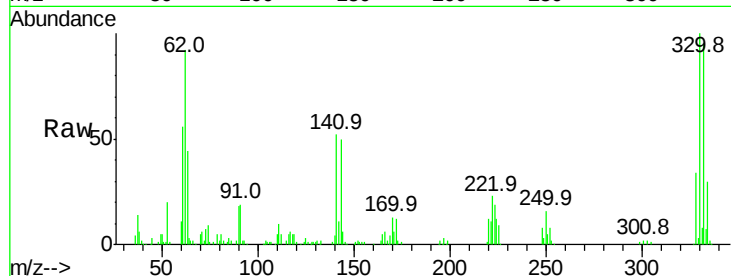




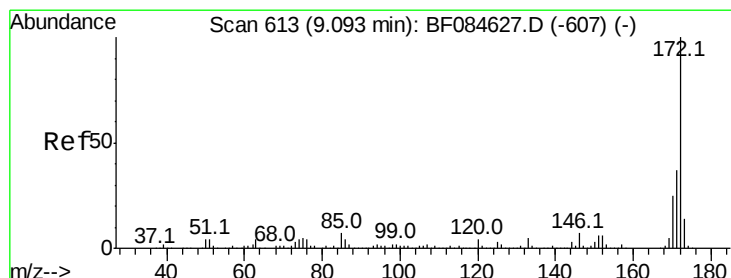
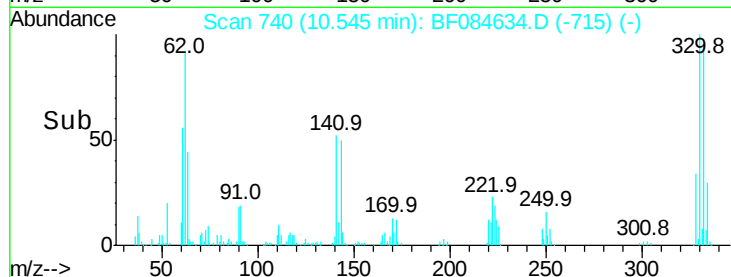
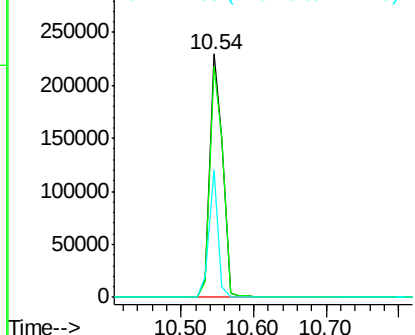
#41
 2,4,6-Tribromophenol
 Concen: 88.49 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88019TB

Tot Ion:330 Resp: 279484
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.4 27.8 41.6

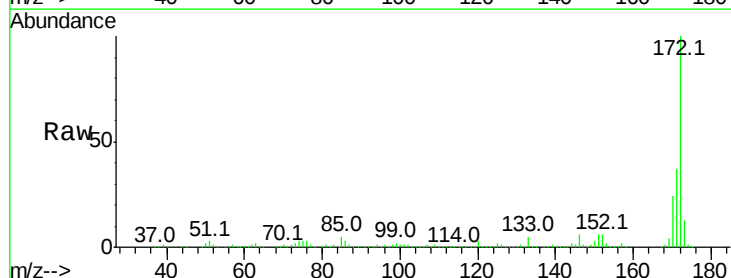


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

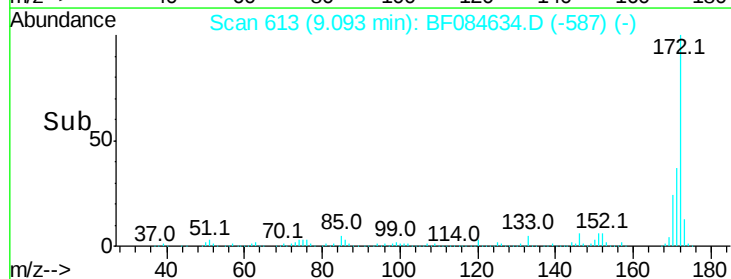
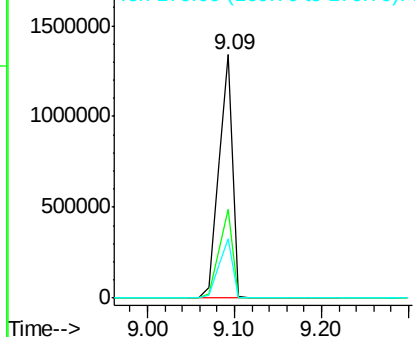


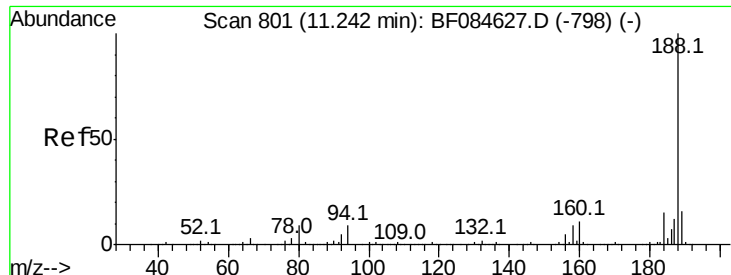
#44
 2-Fluorobiphenyl
 Concen: 73.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Tgt Ion:172 Resp: 1488726
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 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

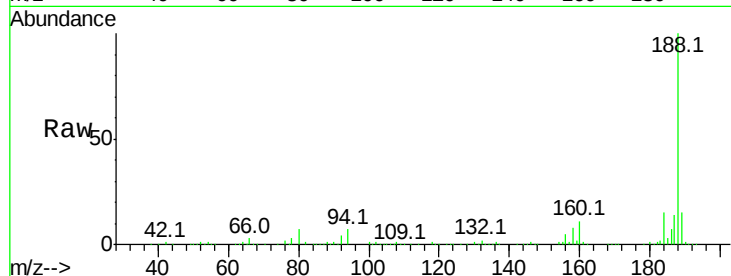




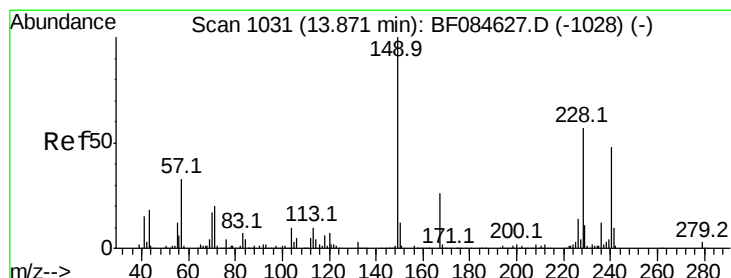
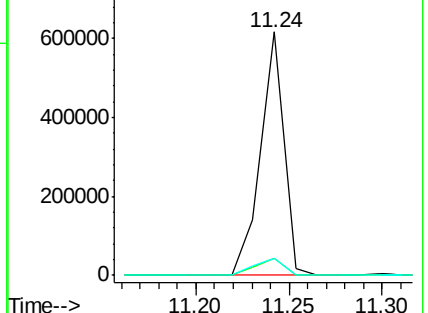
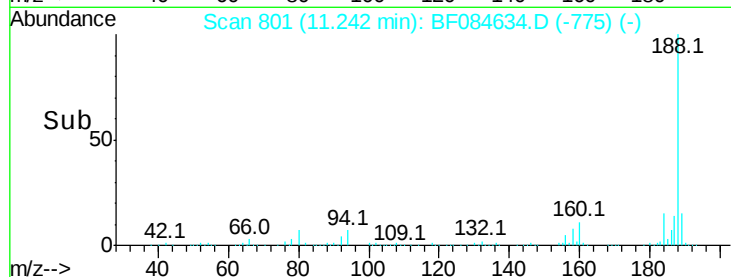
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
PB88019TB

Tot Ion:188 Resp: 534029
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 7.0 9.6 14.4#

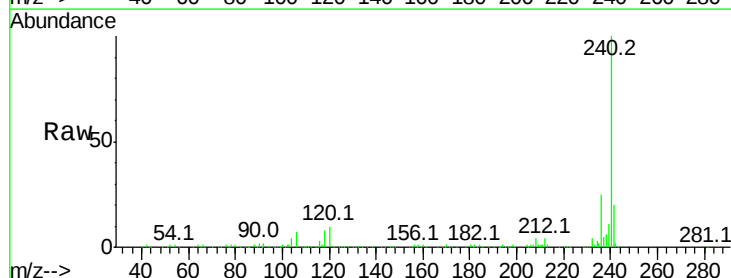


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

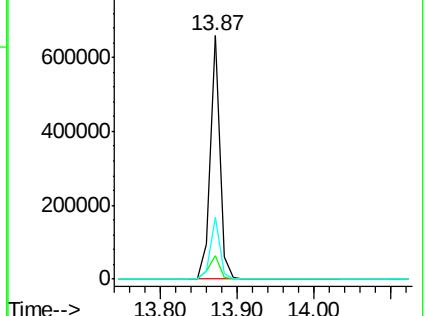
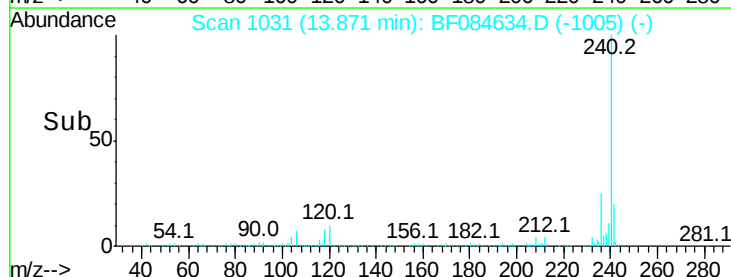


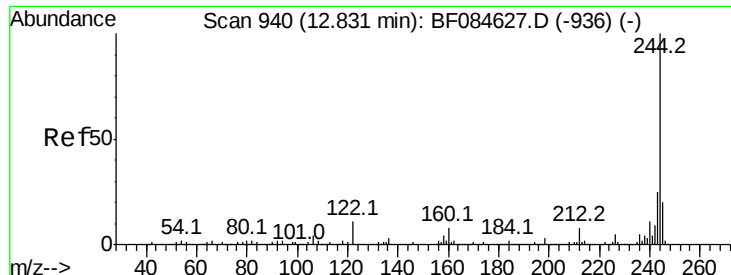
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Tgt Ion:240 Resp: 568639
Ion Ratio Lower Upper
240 100
120 9.6 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: 49.78 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

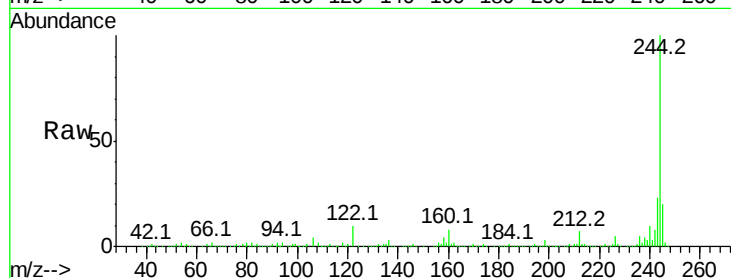
Tot Ion:244 Resp: 1253292

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

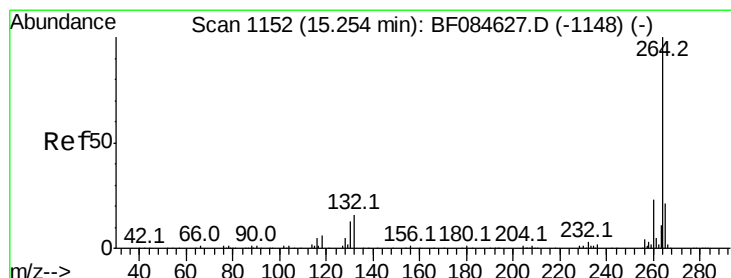
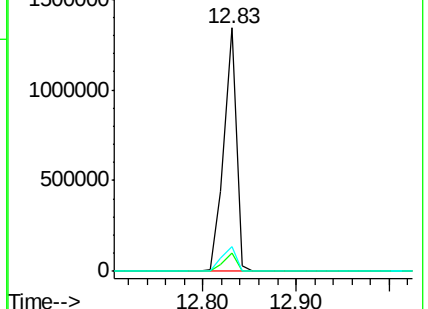
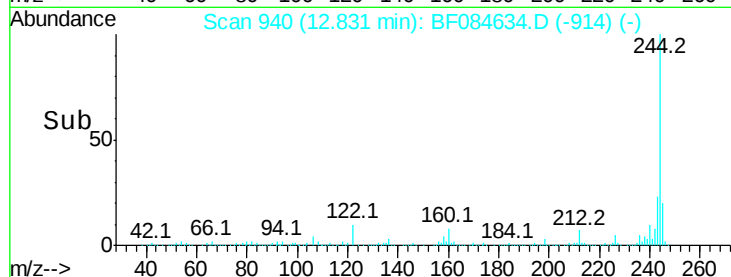
122 10.1 7.4 11.0



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

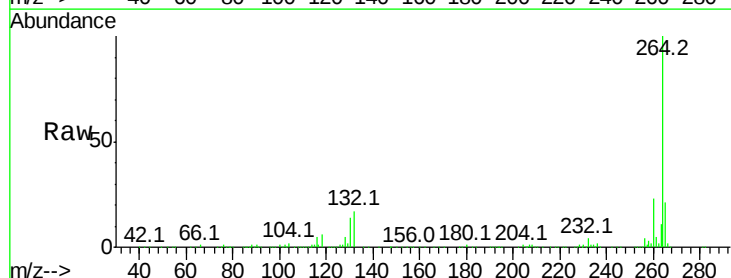
Tgt Ion:264 Resp: 451212

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 21.3 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

