

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084872.D
 Acq On : 5 Feb 2016 21:01
 Operator : SJ/IZ
 Sample : PB88197BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

Quant Time: Feb 05 23:38:25 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	6.66	152	170794	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	718383	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	321720	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	592664	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	419811	20.00	ng	-0.03
86) Perylene-d12	15.17	264	316559	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	923441	84.22	ng	-0.01
7) Phenol-d6	6.32	99	1218699	89.65	ng	-0.02
23) Nitrobenzene-d5	7.23	82	917142	71.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	292684	87.22	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1580177	81.60	ng	-0.03
78) Terphenyl-d14	12.76	244	1422770	76.80	ng	-0.03

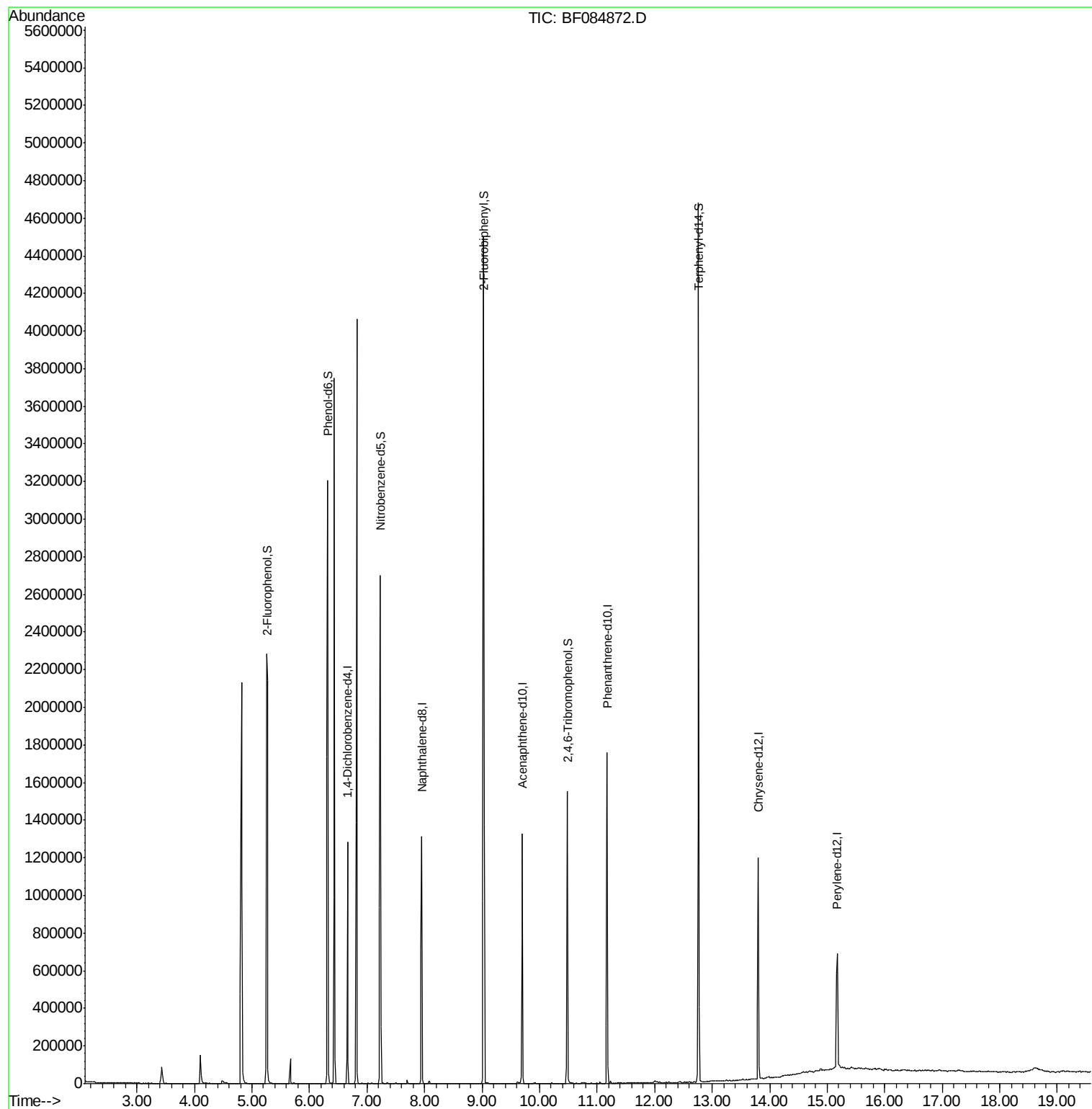
Target Compounds Qvalue

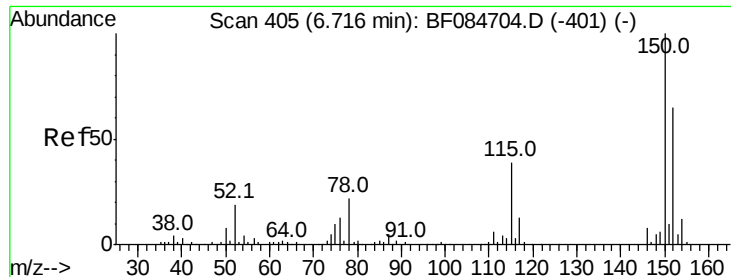
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

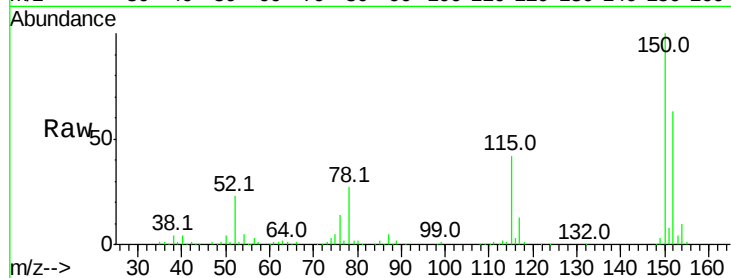
Tot Ion:152 Resp: 170794

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

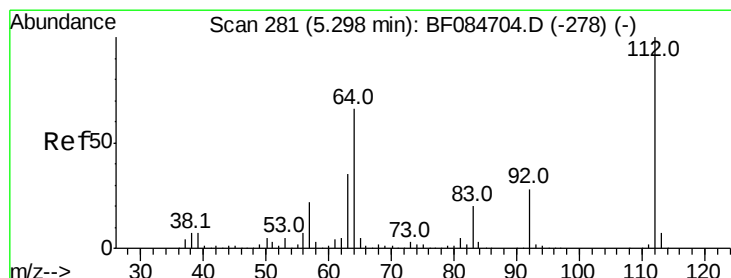
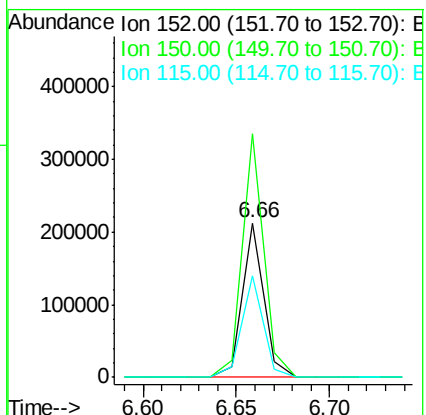
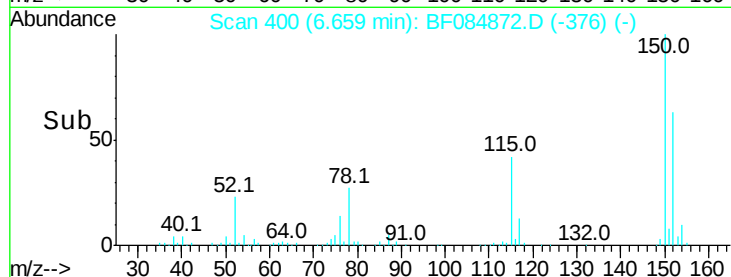
115 66.0 51.4 77.2



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: 84.22 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

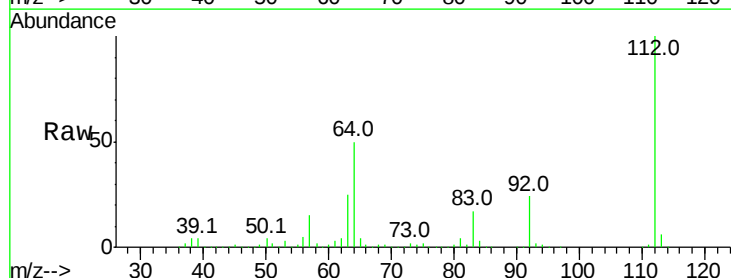
Tgt Ion:112 Resp: 923441

Ion Ratio Lower Upper

112 100

64 49.7 36.6 55.0

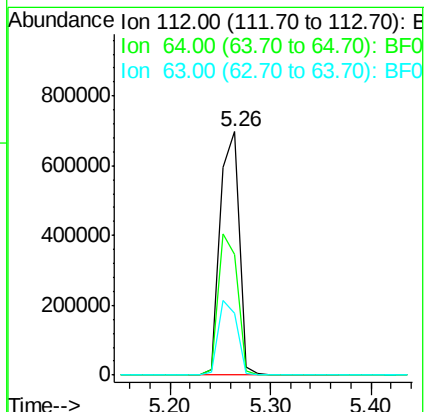
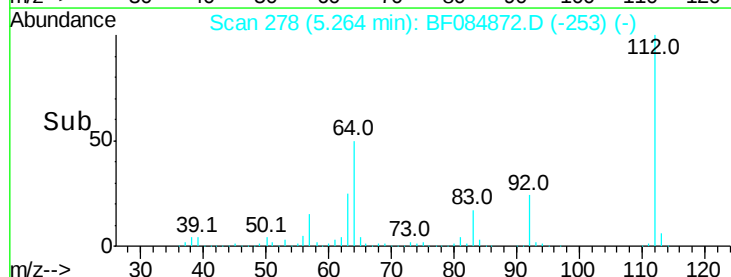
63 25.5 19.4 29.0

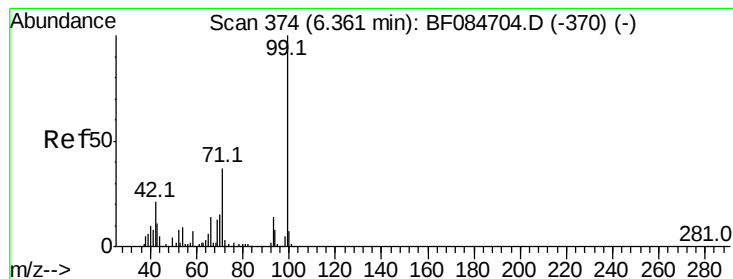


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.65 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

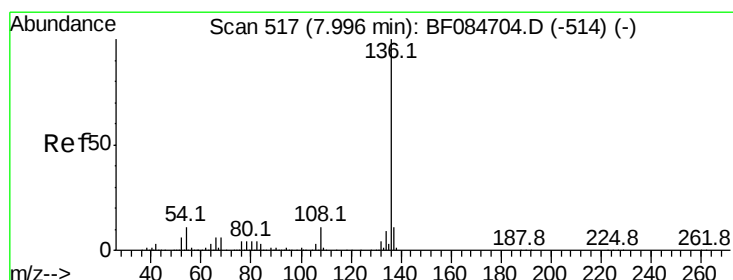
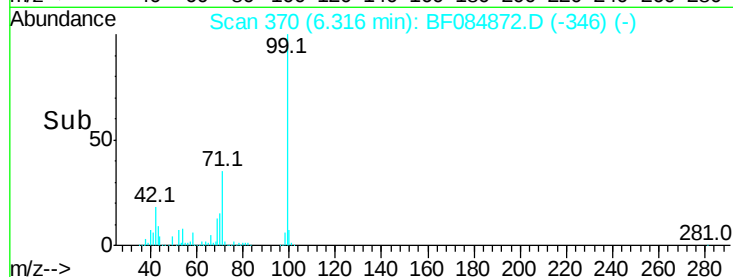
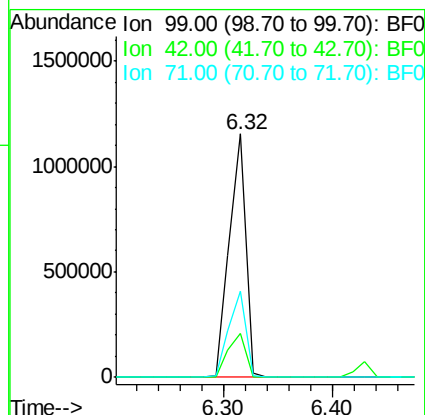
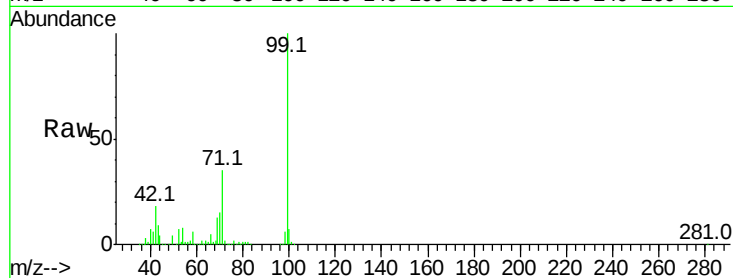
Tot Ion: 99 Resp: 1218699

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

71 35.4 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Tgt Ion: 136 Resp: 718383

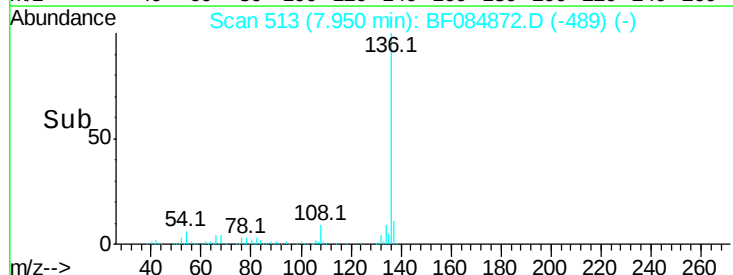
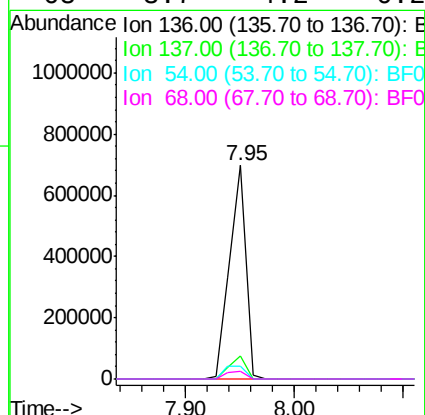
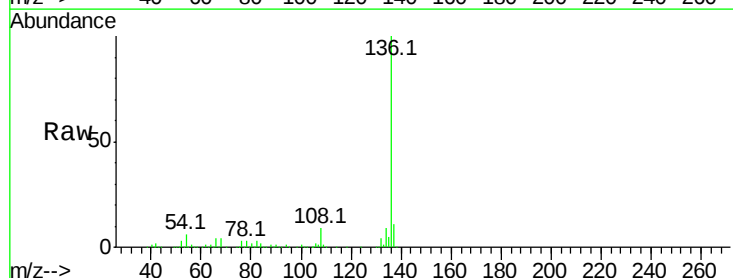
Ion Ratio Lower Upper

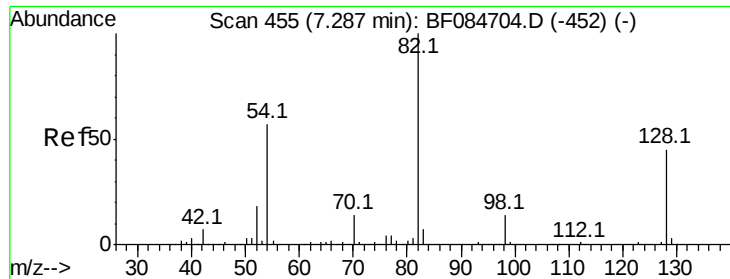
136 100

137 11.0 8.7 13.1

54 6.1 5.8 8.8

68 3.7 4.2 6.2#

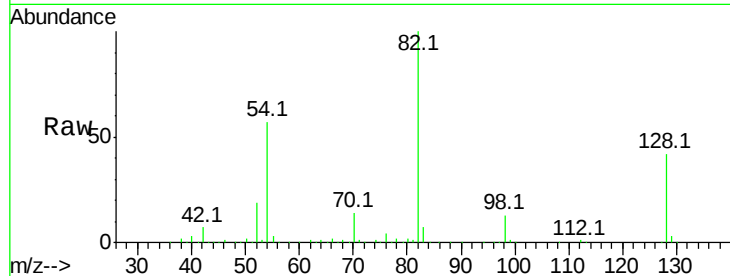




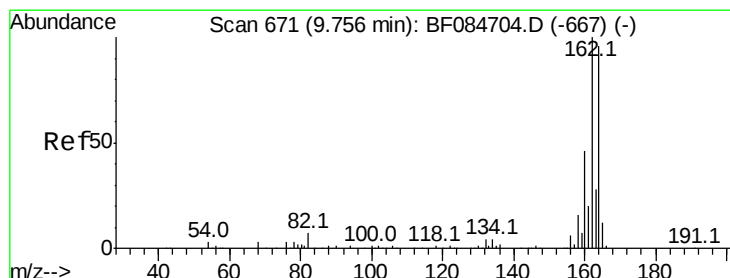
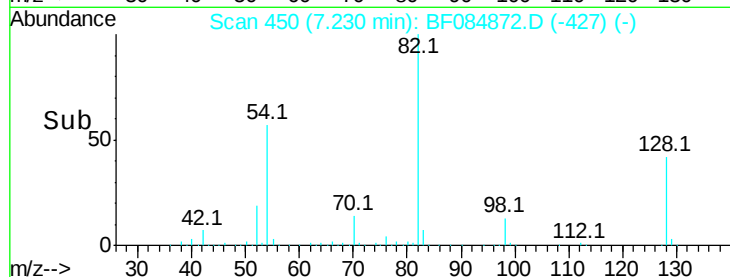
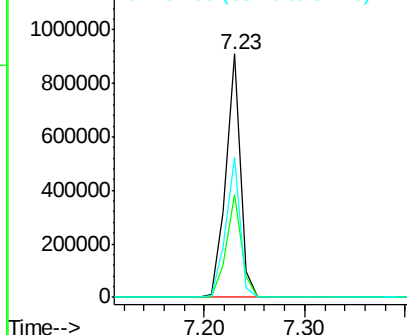
#23
Nitrobenzene-d5
Concen: 71.92 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084872.D
Acq: 5 Feb 2016 21:01

Instrument :
BNA_F
ClientSampleId :
PB88197BL

Tot Ion: 82 Resp: 917142
Ion Ratio Lower Upper
82 100
128 42.0 34.6 51.8
54 57.5 38.4 57.6

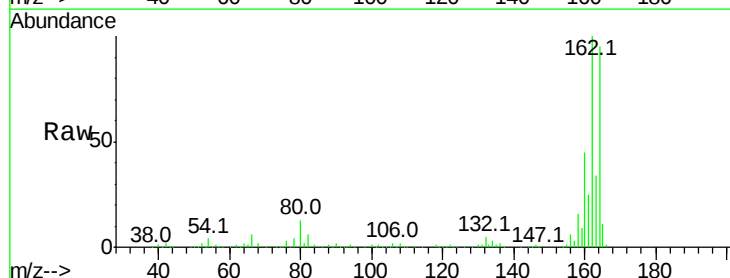


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

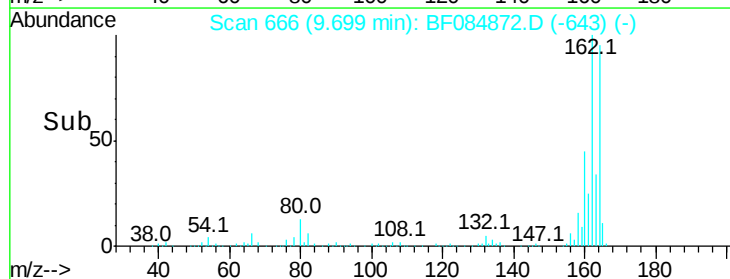
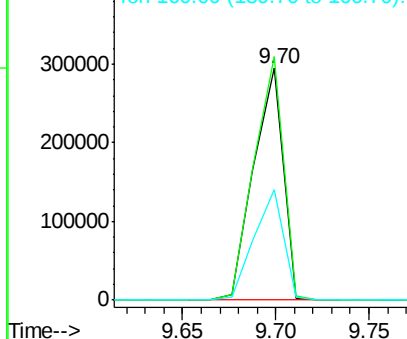


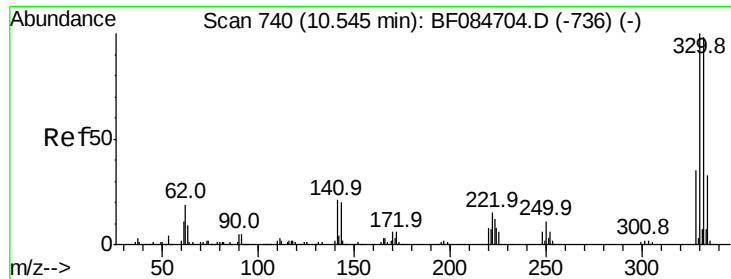
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084872.D
Acq: 5 Feb 2016 21:01

Tgt Ion:164 Resp: 321720
Ion Ratio Lower Upper
164 100
162 104.9 85.1 127.7
160 47.7 37.5 56.3



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

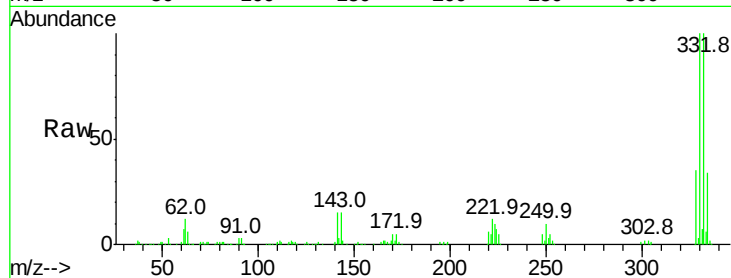




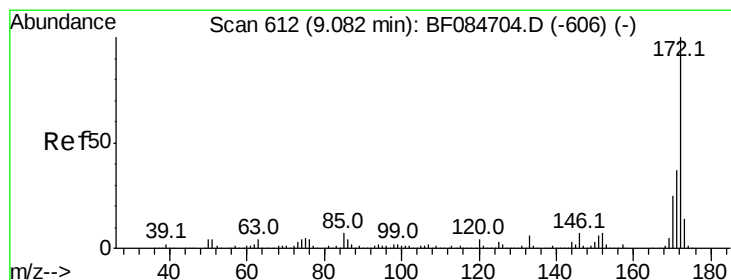
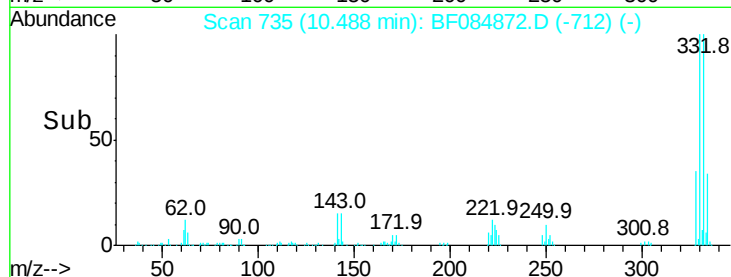
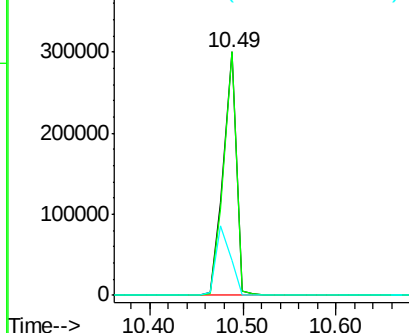
#41
 2,4,6-Tribromophenol
 Concen: 87.22 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	31.8	27.8	41.6

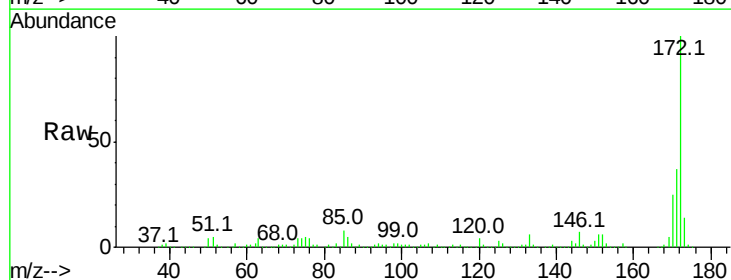


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

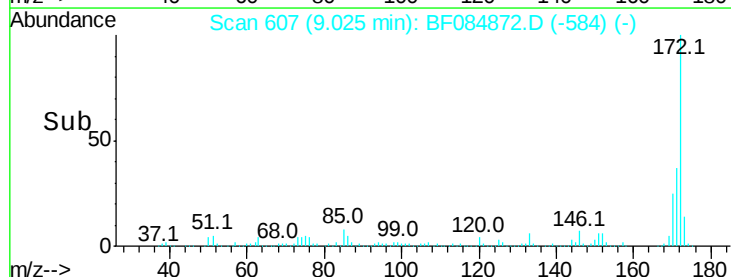
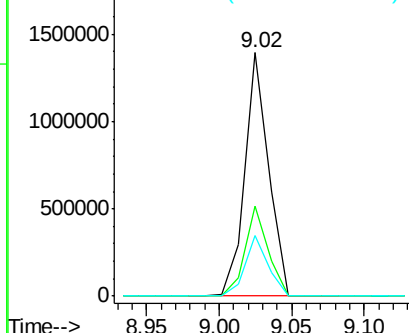


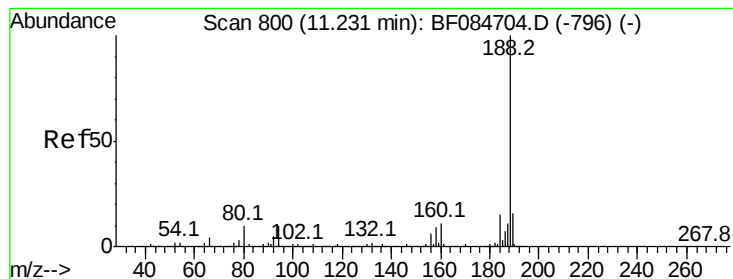
#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.0	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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

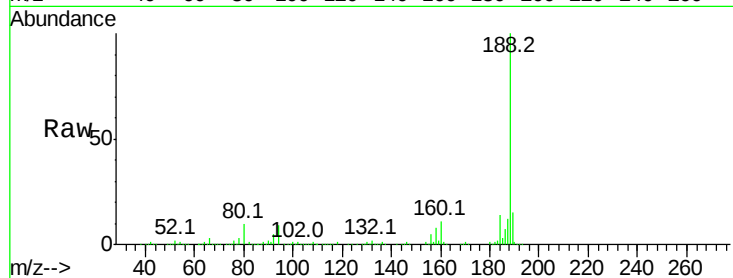
Tot Ion:188 Resp: 592664

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

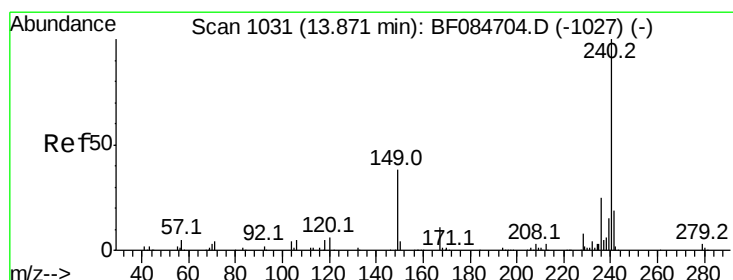
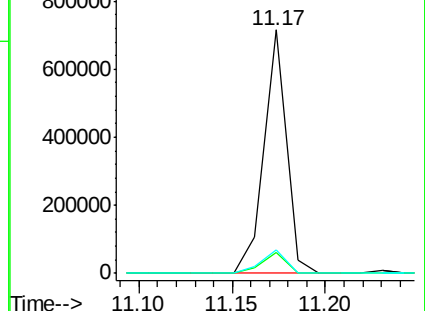
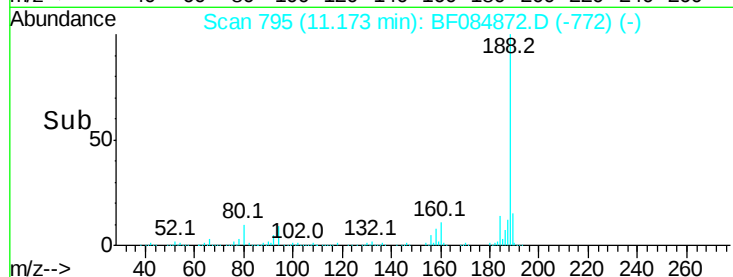
80 9.6 9.6 14.4#



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

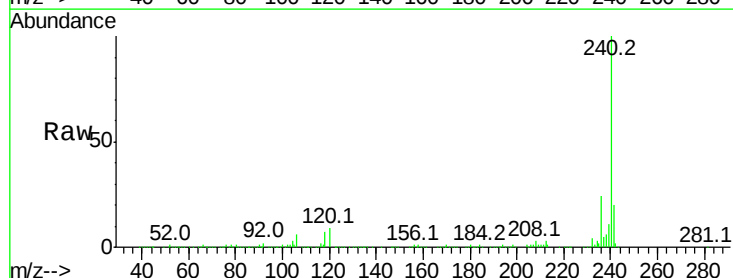
Tgt Ion:240 Resp: 419811

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

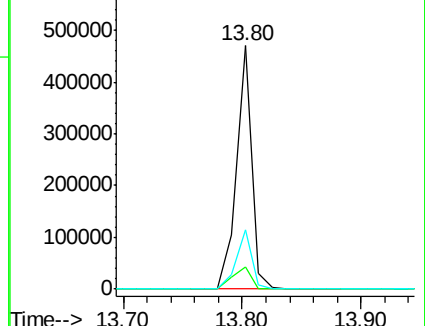
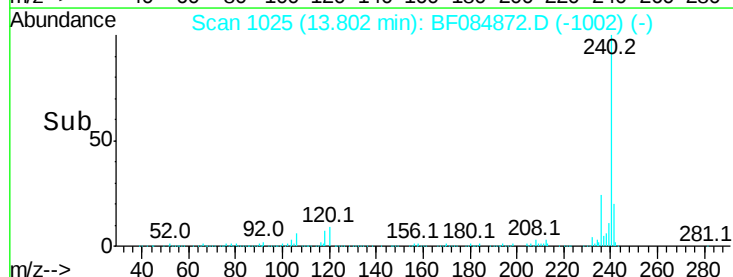
236 24.1 20.6 31.0

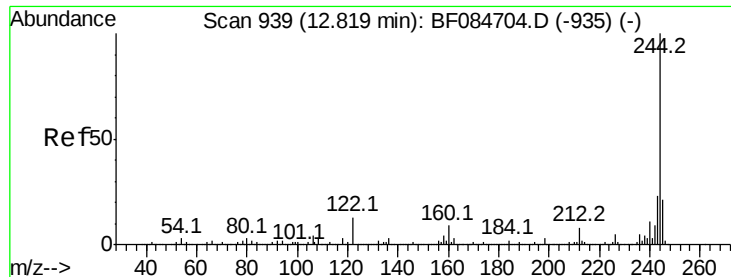


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.80 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

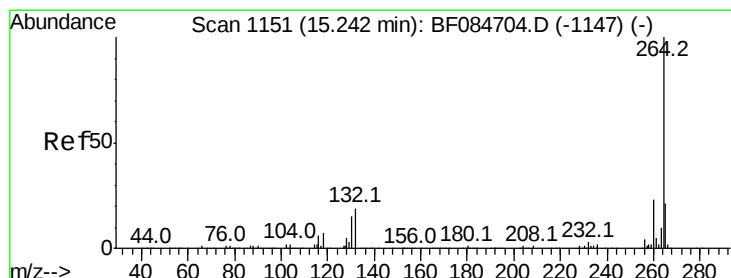
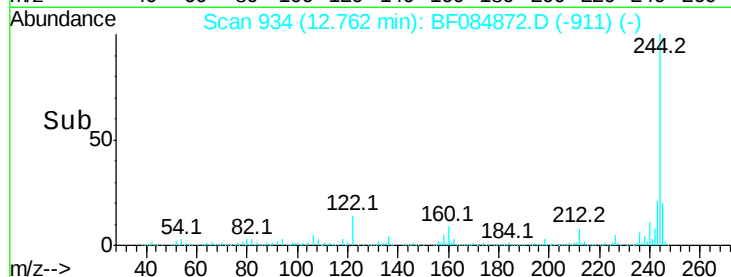
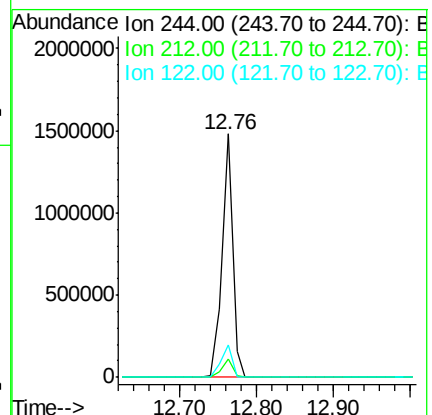
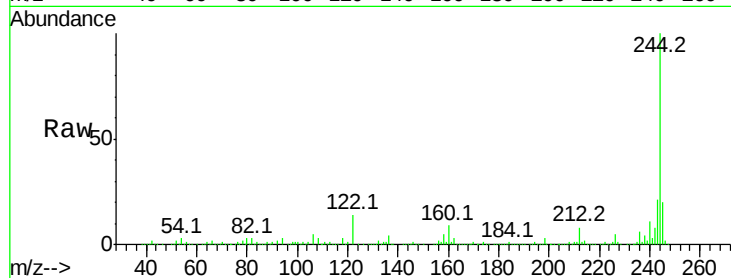
Tot Ion:244 Resp: 1422770

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 13.6 7.4 11.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Tgt Ion:264 Resp: 316559

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.1 17.8 26.6

