

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086312.D
 Acq On : 20 Apr 2016 16:50
 Operator : UM/SJ
 Sample : PB89945BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BL

Quant Time: Apr 21 01:20:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	254431	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1041175	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	440577	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	730511	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	438367	20.00	ng	-0.05
86) Perylene-d12	15.44	264	423788	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1811457	124.22	ng	-0.01
7) Phenol-d6	6.49	99	2280780	119.52	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1430916	78.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	418529	121.88	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2288884	104.30	ng	-0.03
78) Terphenyl-d14	12.97	244	1415320	76.85	ng	-0.03

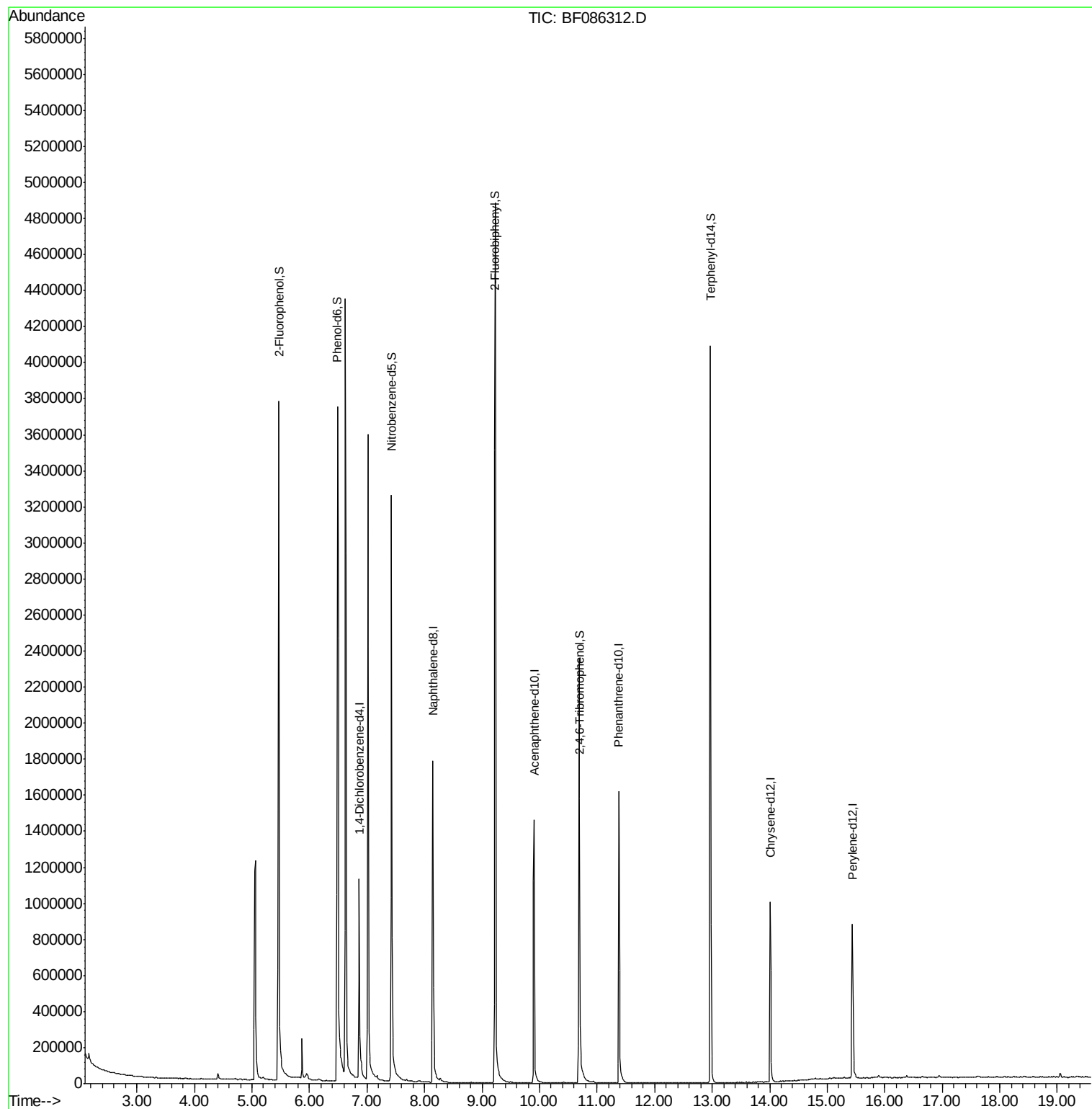
Target Compounds Qvalue

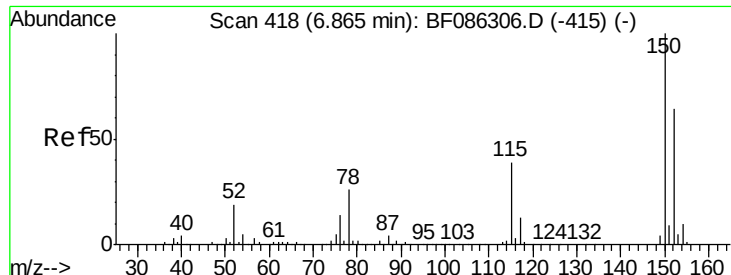
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB89945BL

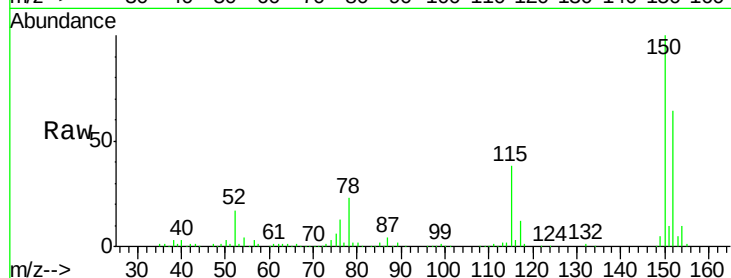
Tot Ion:152 Resp: 254431

Ion Ratio Lower Upper

152 100

150 155.8 124.1 186.1

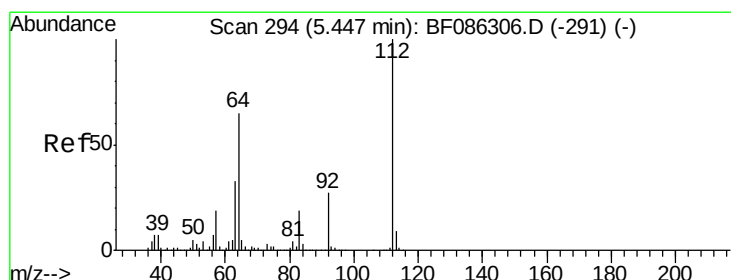
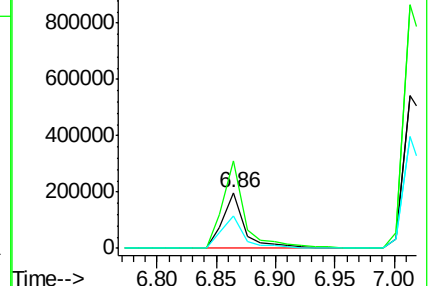
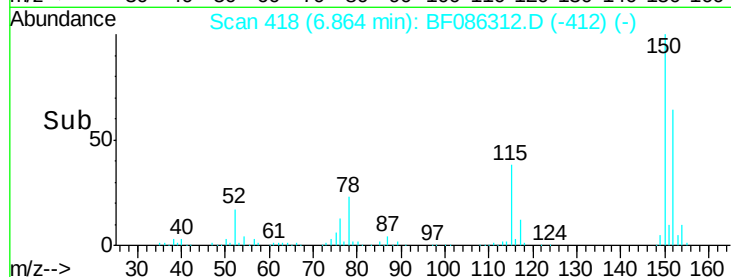
115 58.5 43.9 65.9



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: 124.22 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

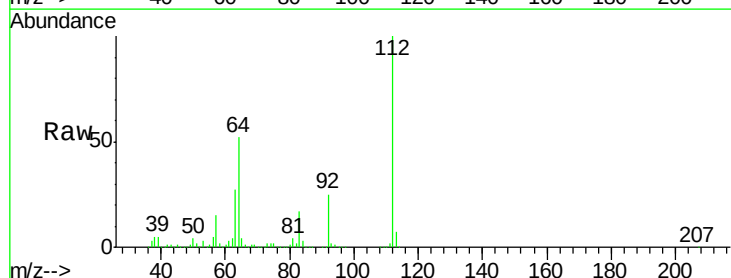
Tgt Ion:112 Resp: 1811457

Ion Ratio Lower Upper

112 100

64 52.4 48.1 72.1

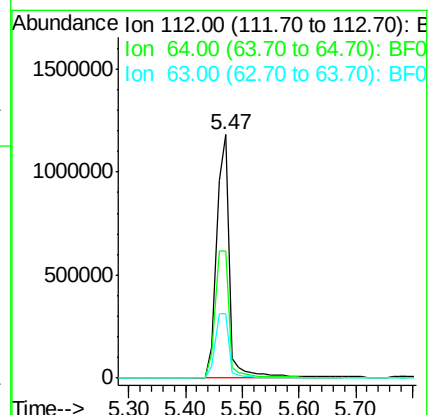
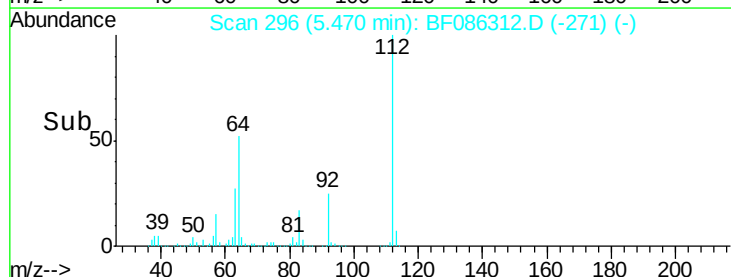
63 26.7 25.5 38.3

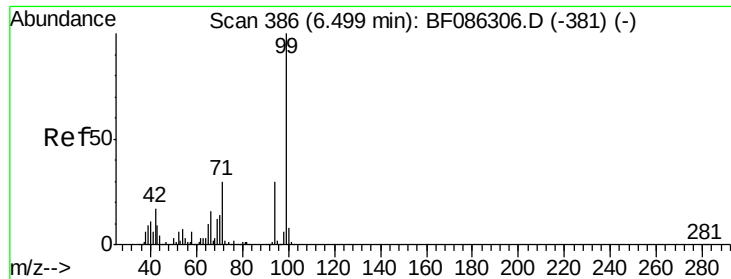


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB89945BL

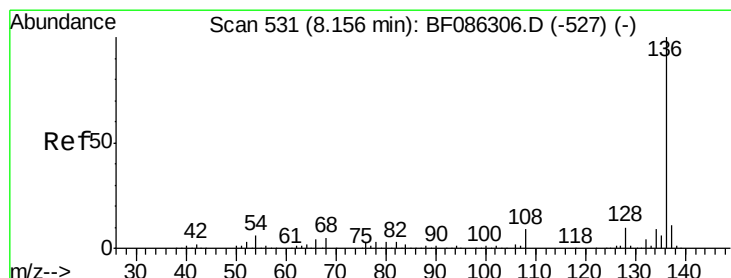
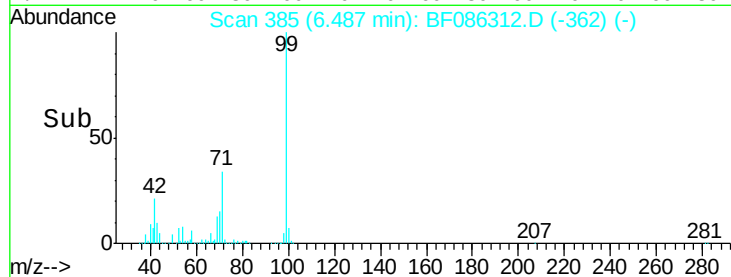
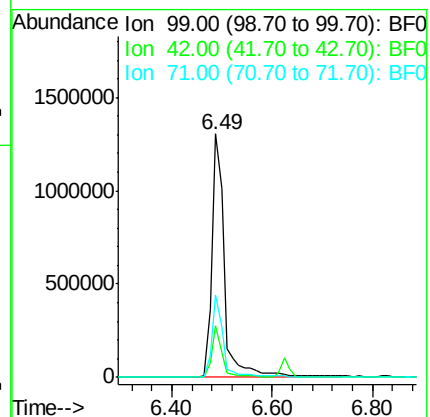
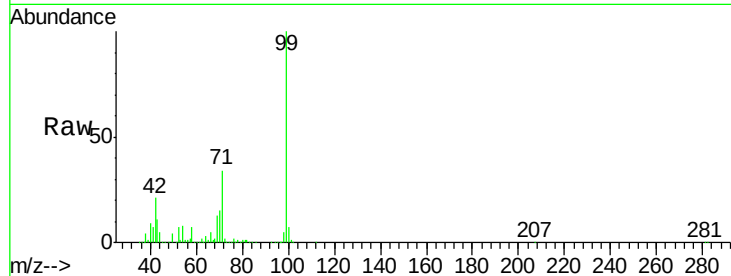
Tot Ion: 99 Resp: 2280780

Ion Ratio Lower Upper

99 100

42 21.1 15.4 23.2

71 33.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

Tgt Ion:136 Resp: 1041175

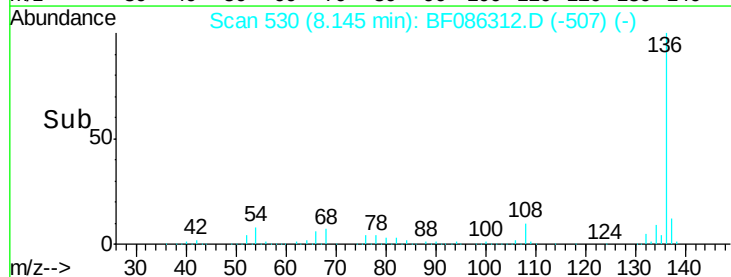
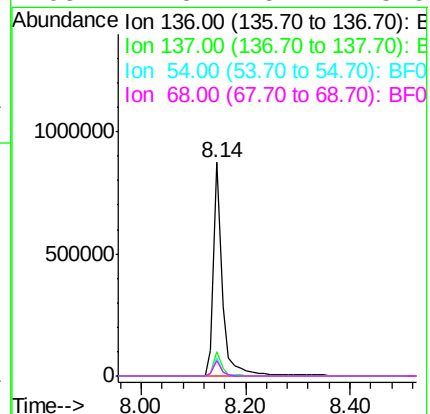
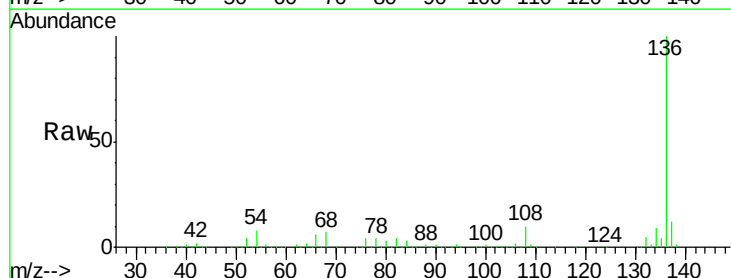
Ion Ratio Lower Upper

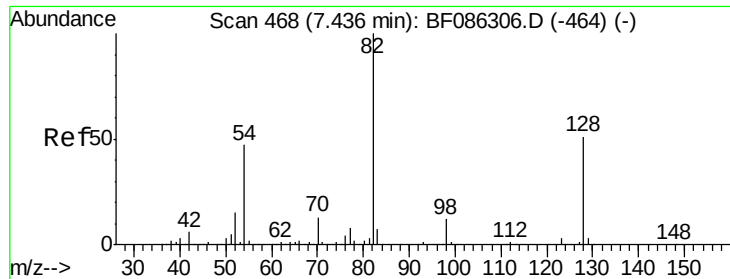
136 100

137 11.6 9.1 13.7

54 8.5 7.3 10.9

68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 78.71 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

Instrument :

BNA_F

ClientSampleID :

PB89945BL

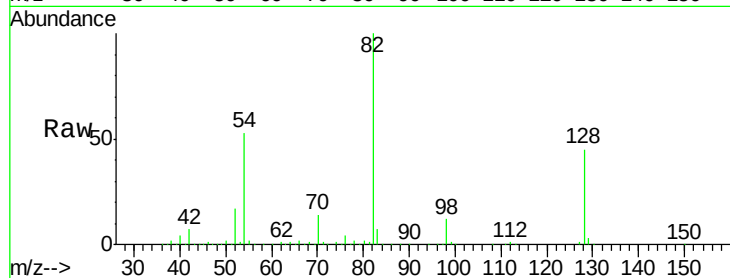
Tot Ion: 82 Resp: 1430916

Ion Ratio Lower Upper

82 100

128 45.0 35.4 53.2

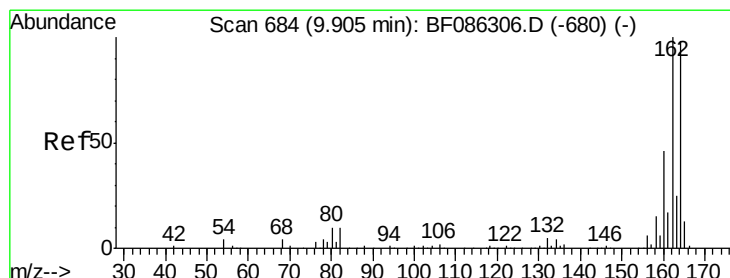
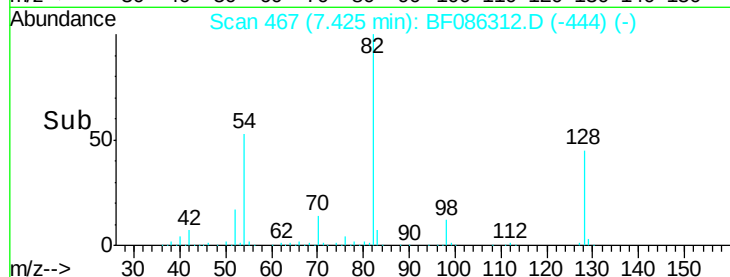
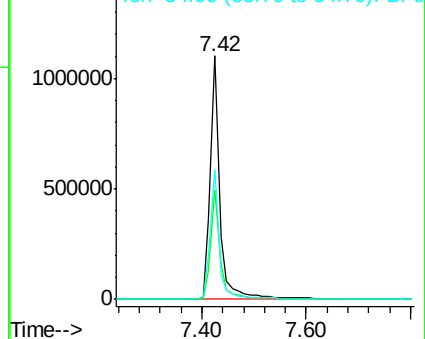
54 53.0 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086312.D

Acq: 20 Apr 2016 16:50

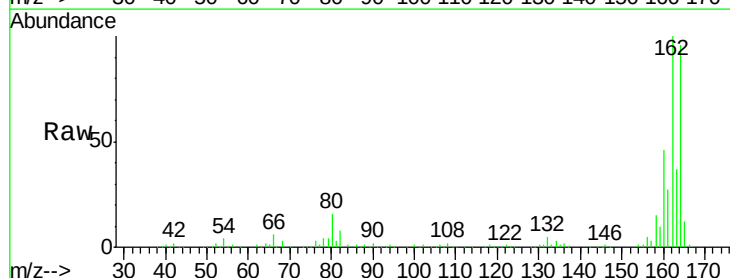
Tgt Ion:164 Resp: 440577

Ion Ratio Lower Upper

164 100

162 104.5 82.8 124.2

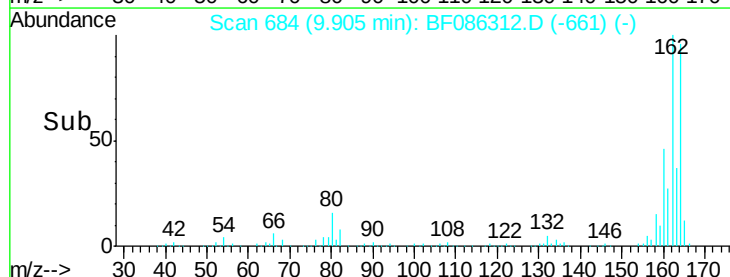
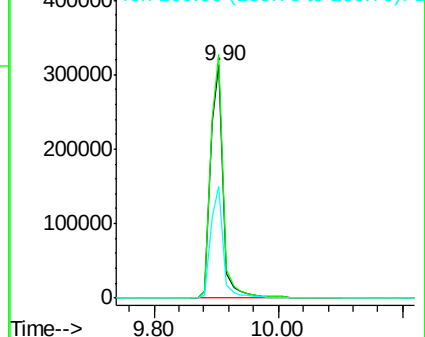
160 48.2 38.9 58.3

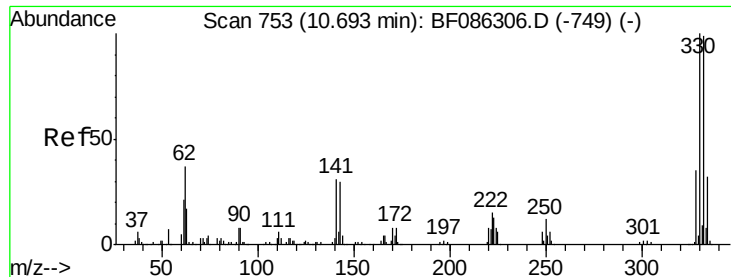


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

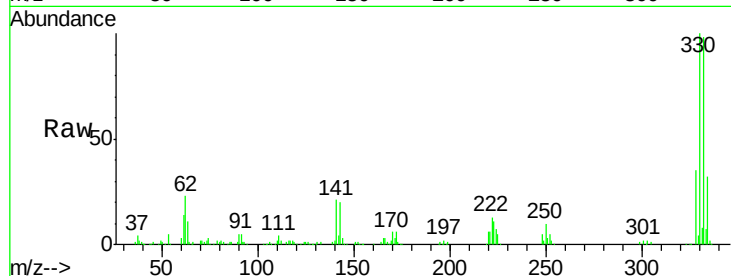




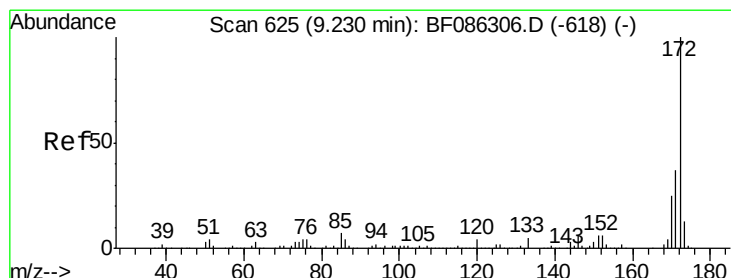
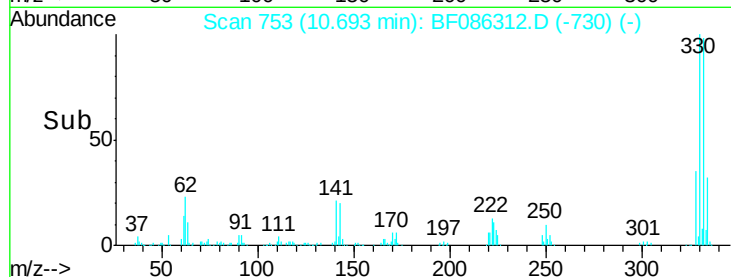
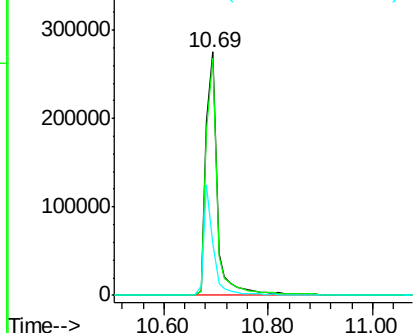
#41
 2,4,6-Tribromophenol
 Concen: 121.88 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086312.D
 Acq: 20 Apr 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.7	118.1
141	39.1	28.6	42.8

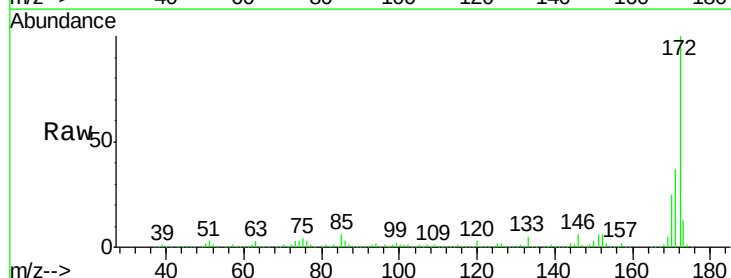


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

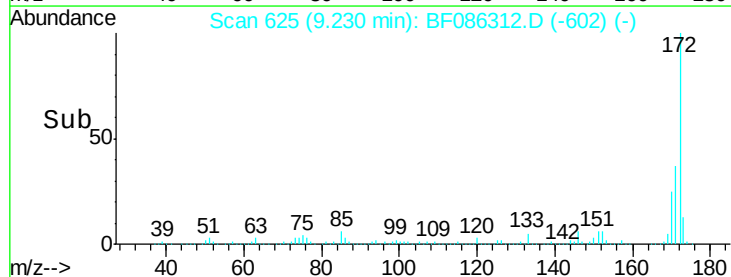
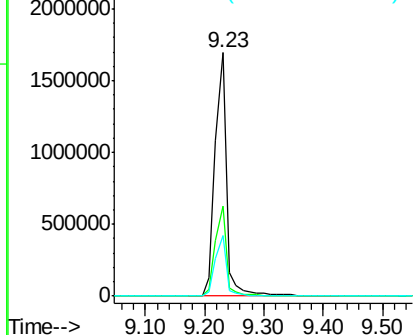


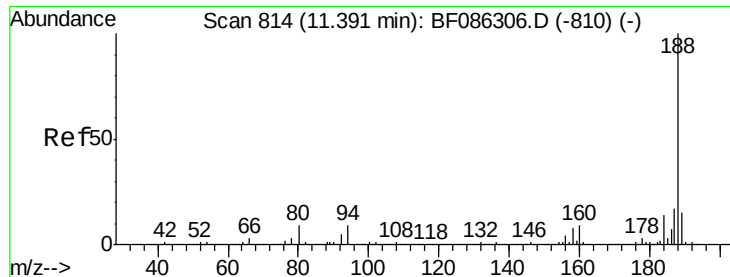
#44
 2-Fluorobiphenyl
 Concen: 104.30 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086312.D
 Acq: 20 Apr 2016 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.1	19.9	29.9



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

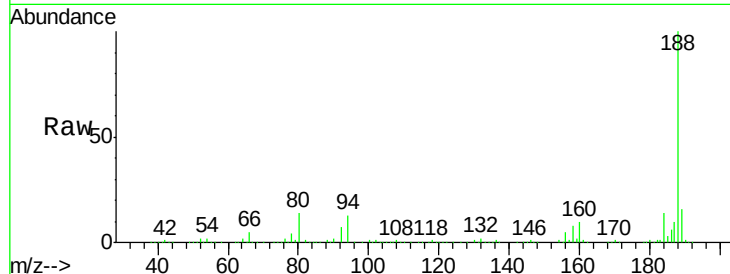




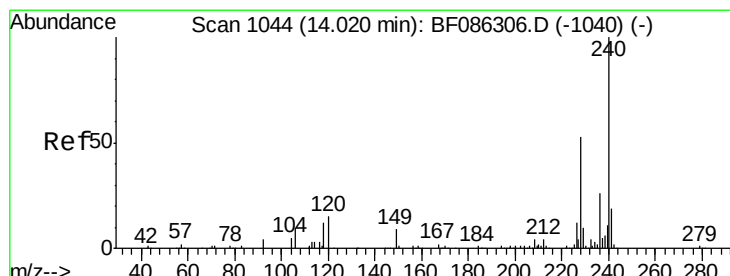
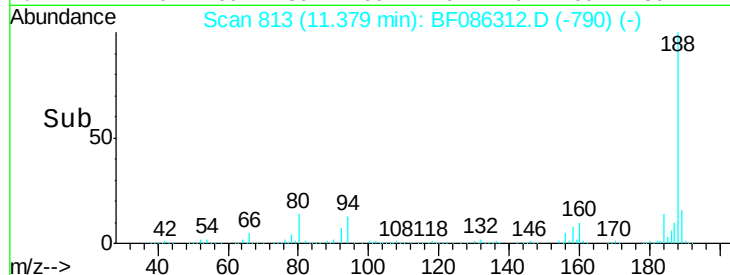
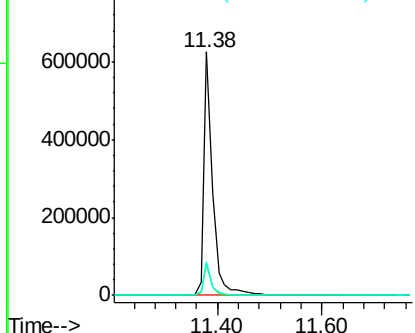
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086312.D
Acq: 20 Apr 2016 16:50

Instrument :
BNA_F
ClientSampleId :
PB89945BL

Tot Ion:188 Resp: 730511
Ion Ratio Lower Upper
188 100
94 13.0 9.8 14.8
80 13.6 10.5 15.7

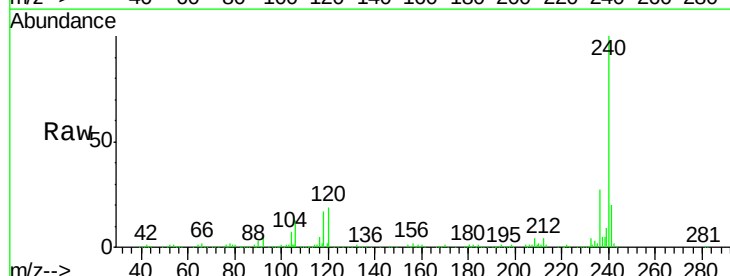


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

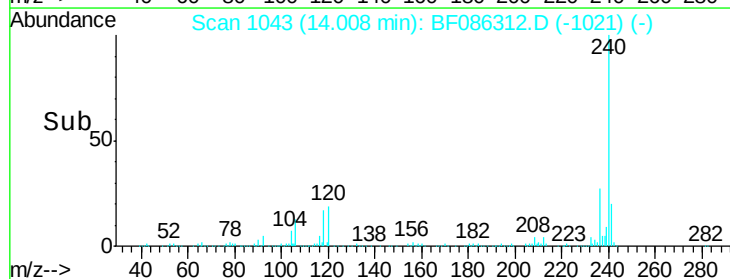
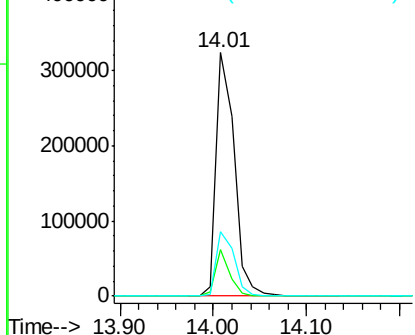


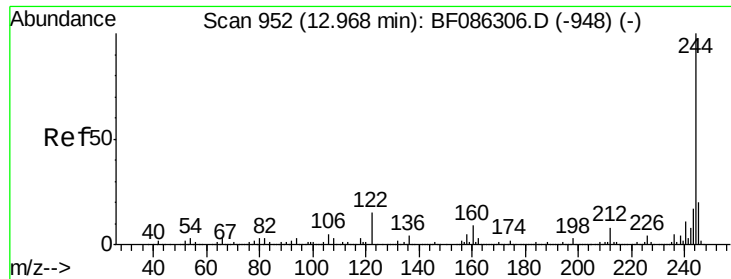
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086312.D
Acq: 20 Apr 2016 16:50

Tgt Ion:240 Resp: 438367
Ion Ratio Lower Upper
240 100
120 19.0 9.3 13.9#
236 26.5 21.1 31.7



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

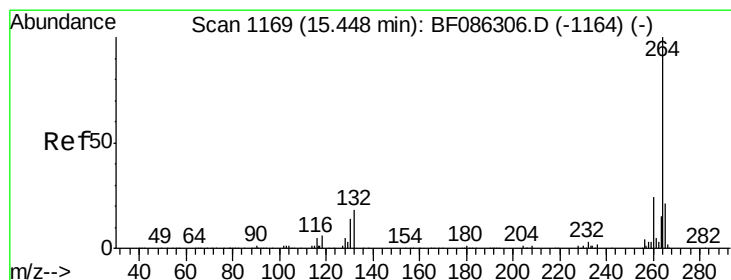
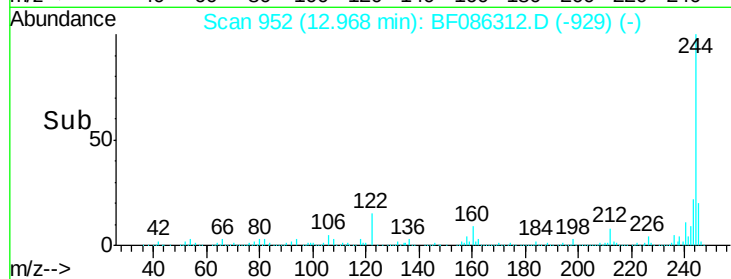
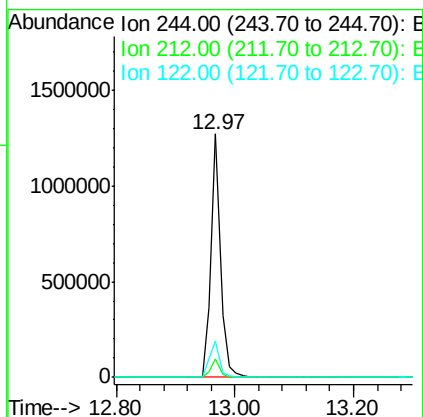
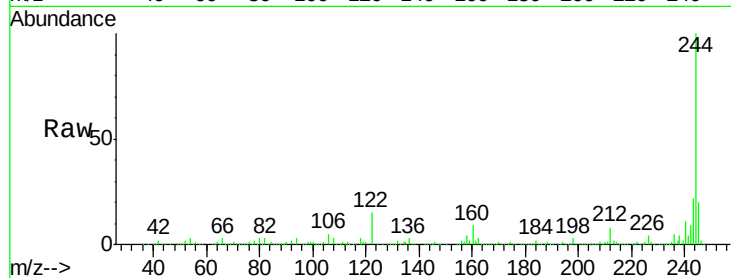




#78
 Terphenyl-d14
 Concen: 76.85 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086312.D
 Acq: 20 Apr 2016 16:50

Instrument :
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Tot Ion:244 Resp: 1415320
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 14.7 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086312.D
 Acq: 20 Apr 2016 16:50

Tgt Ion:264 Resp: 423788
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.5 17.4 26.0

