

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086316.D
 Acq On : 20 Apr 2016 18:45
 Operator : UM/SJ
 Sample : H2625-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Apr 21 01:27:51 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	261318	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1079128	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	463079	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	768545	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	467266	20.00	ng	-0.05
86) Perylene-d12	15.44	264	439939	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	967478	64.60	ng	-0.03
7) Phenol-d6	6.49	99	879062	44.85	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1554248	82.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	509540	141.17	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2542541	112.45	ng	-0.03
78) Terphenyl-d14	12.97	244	1644743	83.79	ng	-0.03

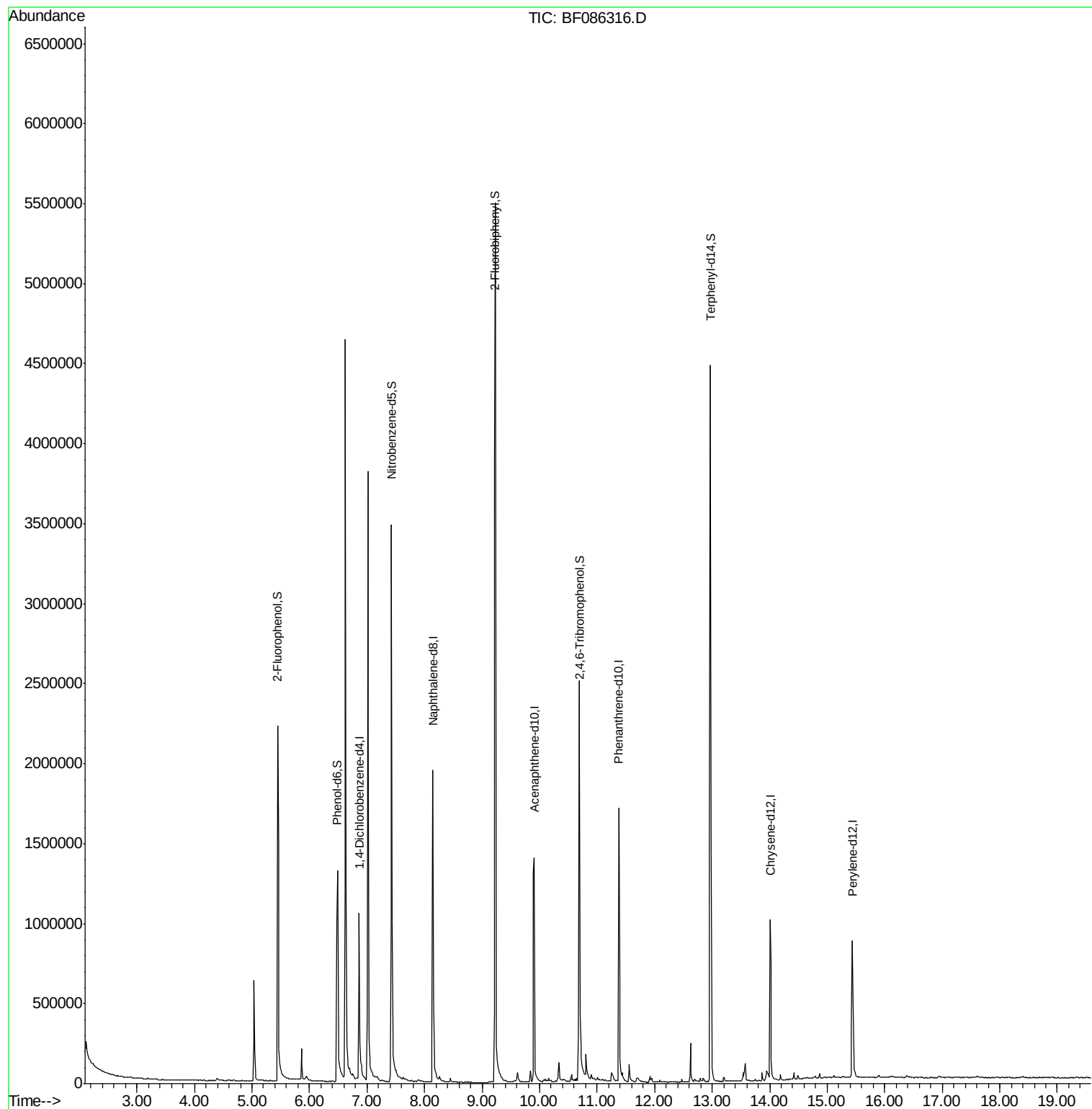
Target Compounds Qvalue

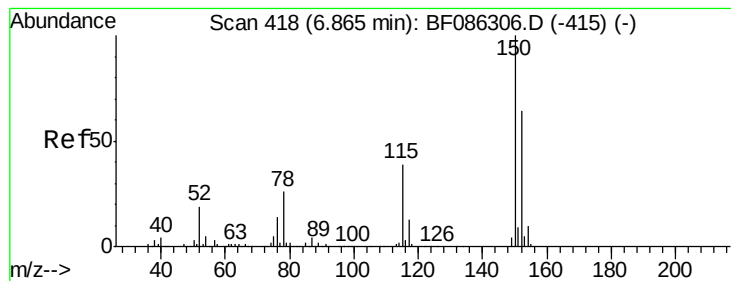
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

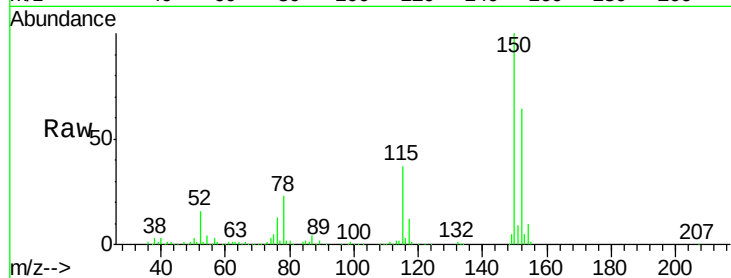
Tot Ion:152 Resp: 261318

Ion Ratio Lower Upper

152 100

150 155.6 124.1 186.1

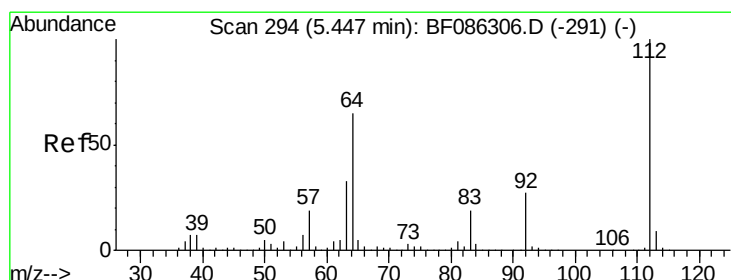
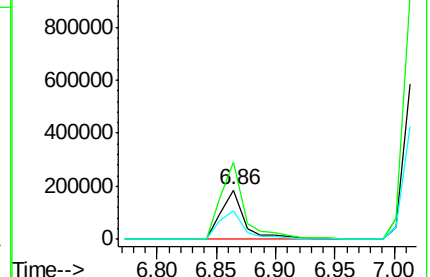
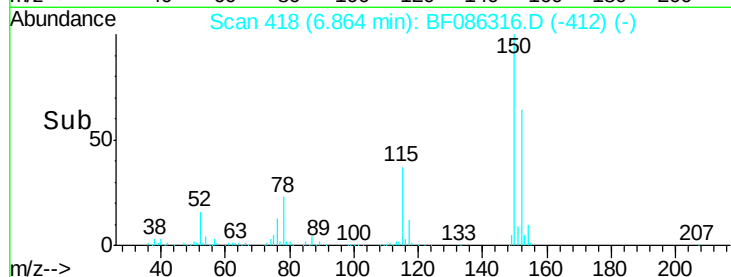
115 57.5 43.9 65.9



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: 64.60 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

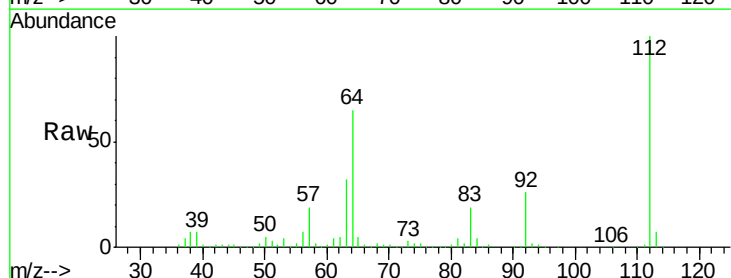
Tgt Ion:112 Resp: 967478

Ion Ratio Lower Upper

112 100

64 65.4 48.1 72.1

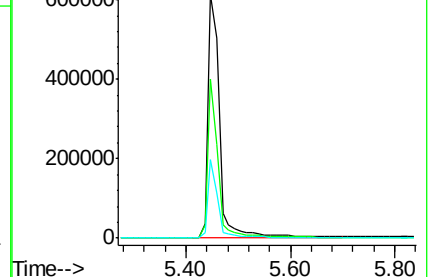
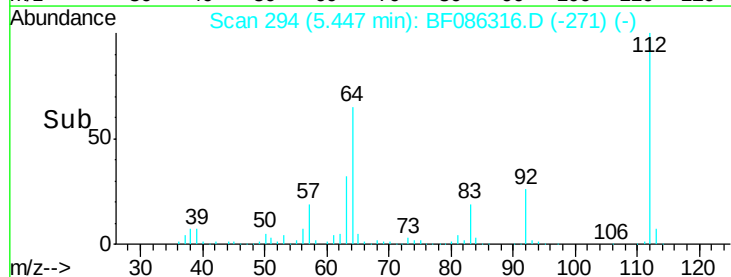
63 32.0 25.5 38.3

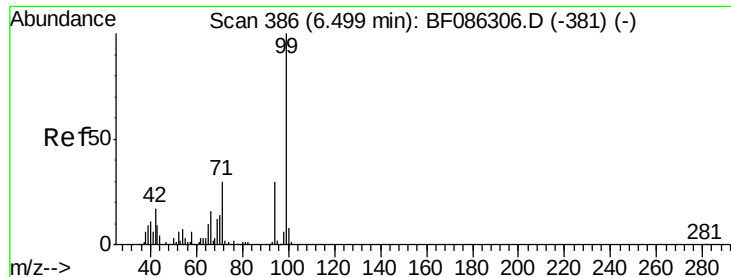


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.85 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

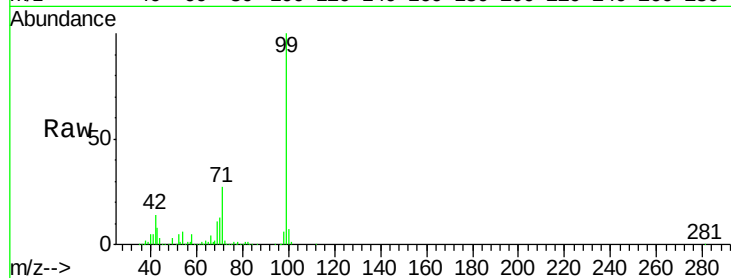
Tot Ion: 99 Resp: 879062

Ion Ratio Lower Upper

99 100

42 14.0 15.4 23.2#

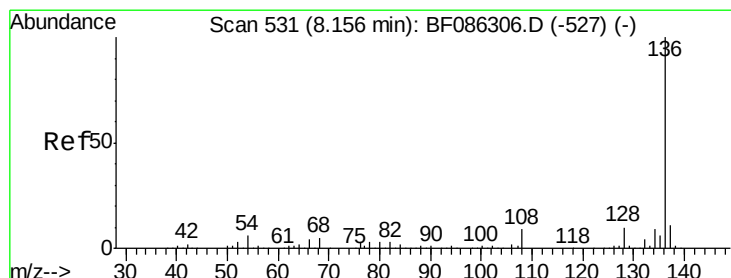
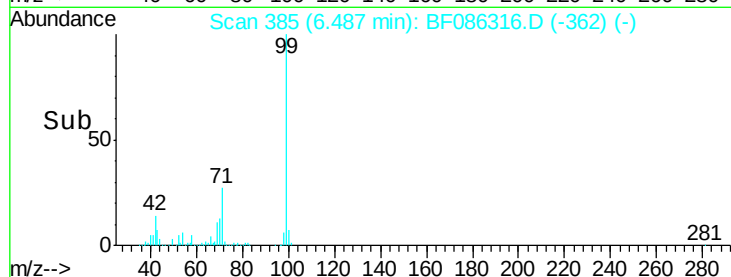
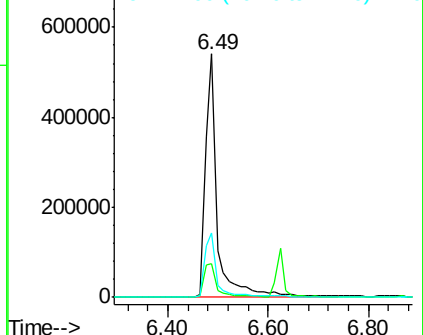
71 26.7 25.6 38.4



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: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Tgt Ion: 136 Resp: 1079128

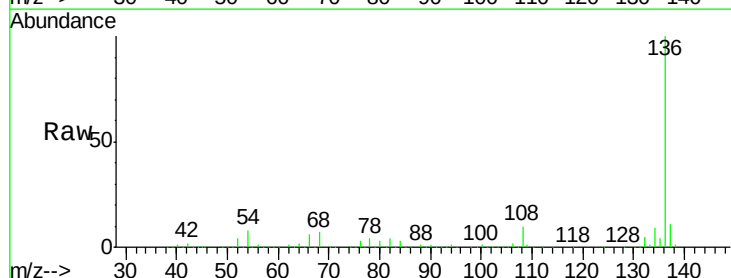
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 7.3 10.9

68 7.0 5.7 8.5

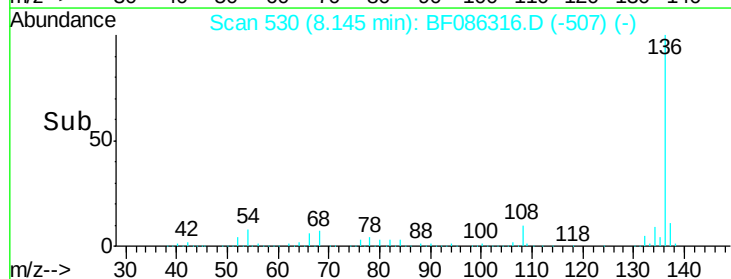
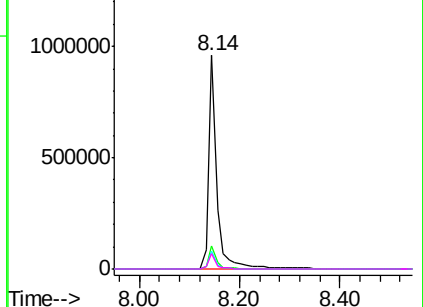


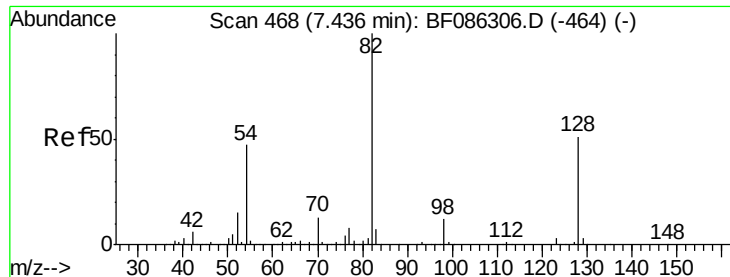
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.49 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

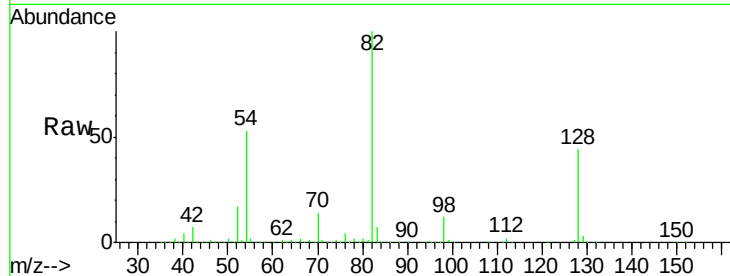
Tot Ion: 82 Resp: 1554248

Ion Ratio Lower Upper

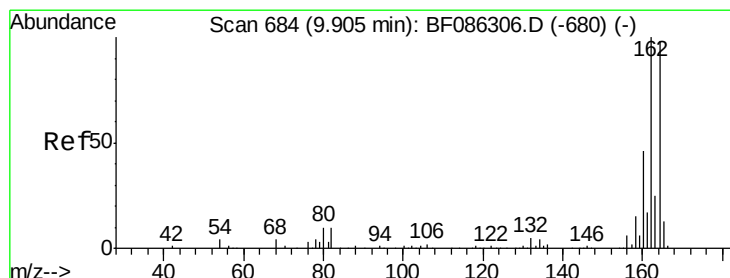
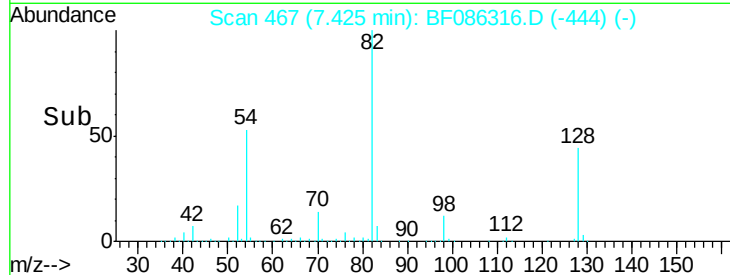
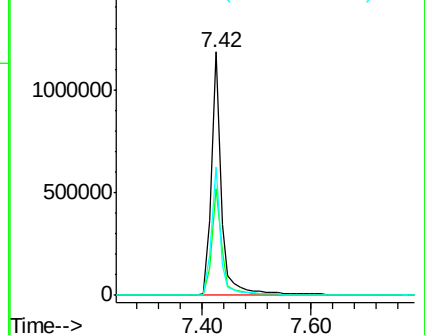
82 100

128 44.0 35.4 53.2

54 52.7 43.4 65.0



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: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

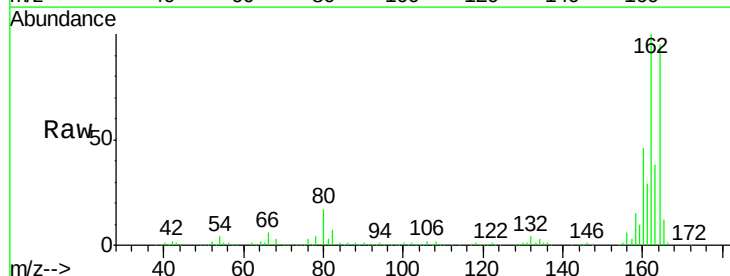
Tgt Ion:164 Resp: 463079

Ion Ratio Lower Upper

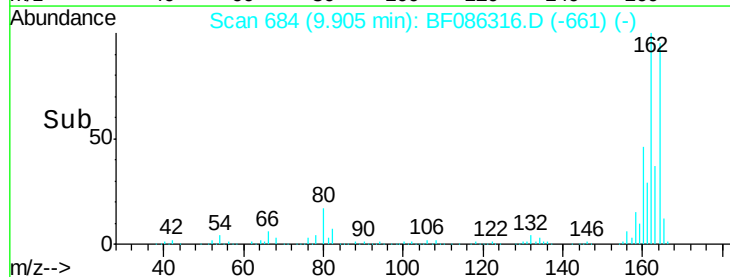
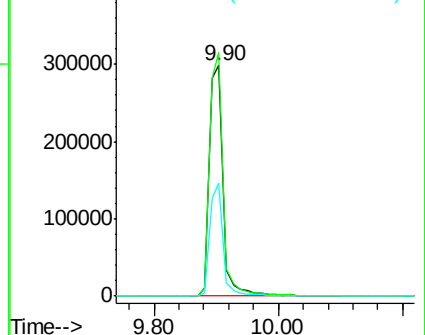
164 100

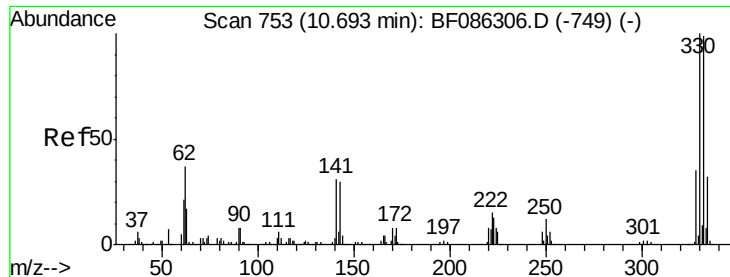
162 105.7 82.8 124.2

160 48.9 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

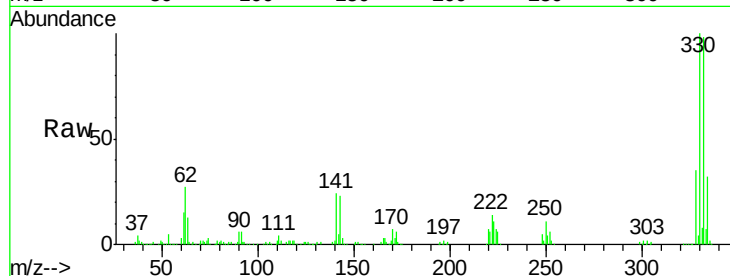




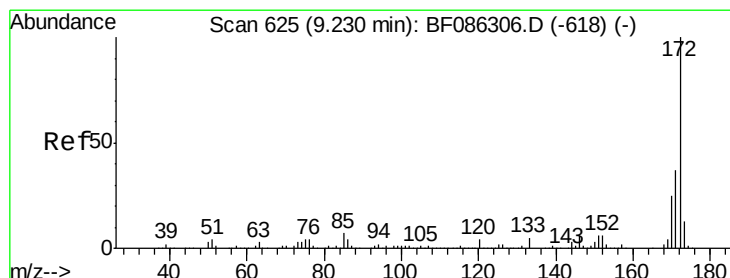
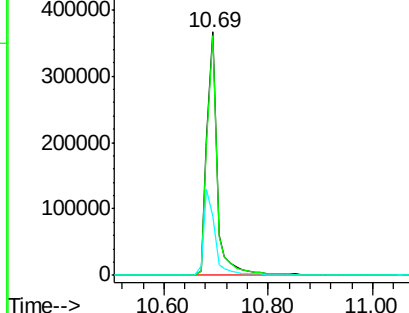
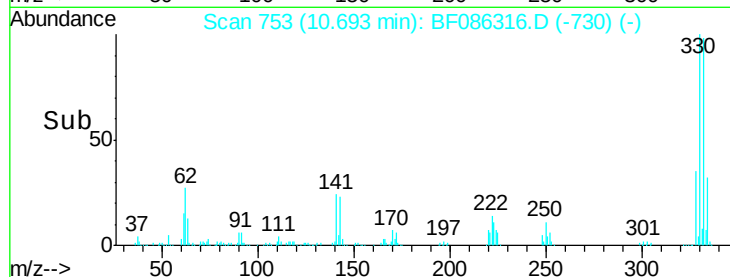
#41
 2,4,6-Tribromophenol
 Concen: 141.17 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.7	118.1
141	38.3	28.6	42.8

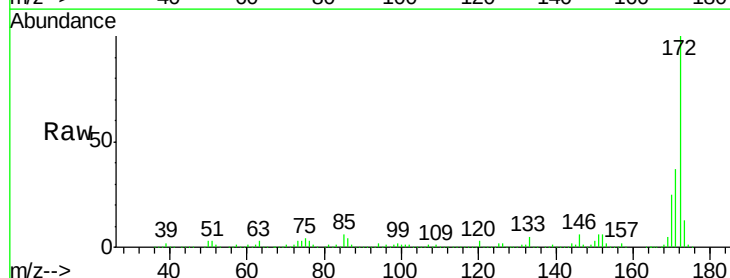


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

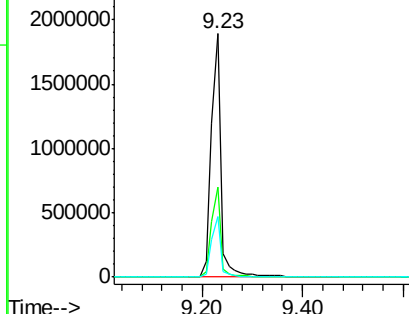
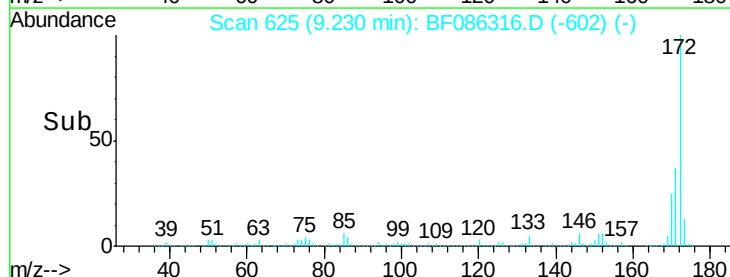


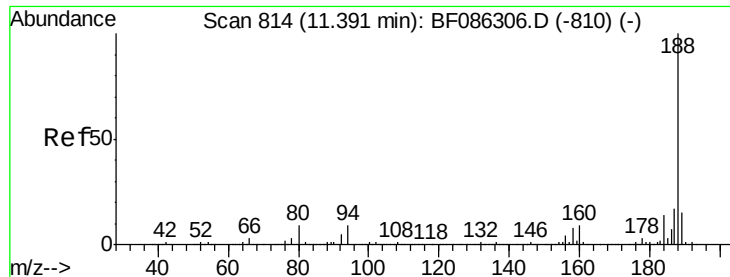
#44
 2-Fluorobiphenyl
 Concen: 112.45 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.9	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

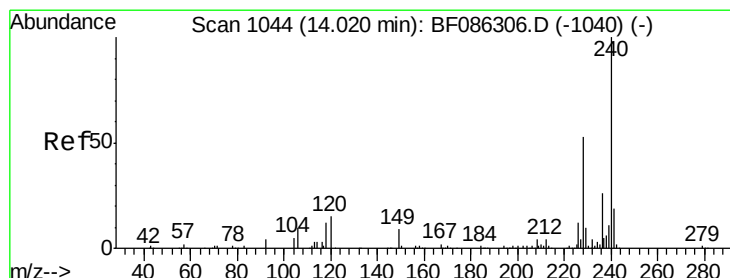
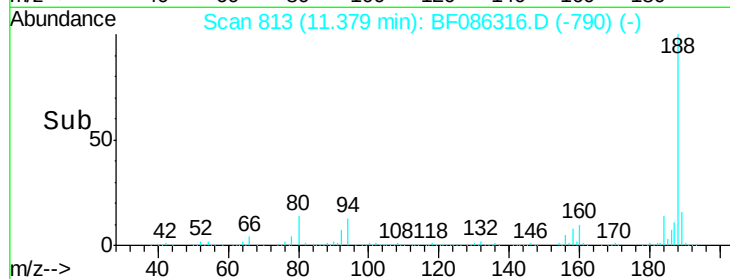
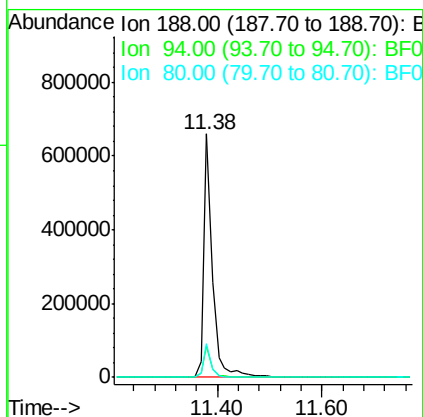
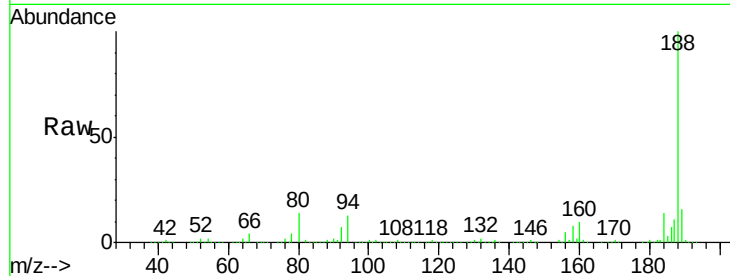




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

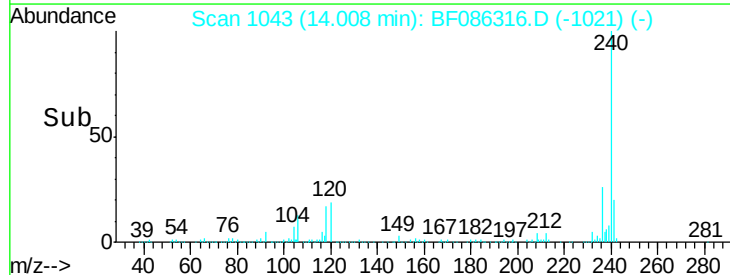
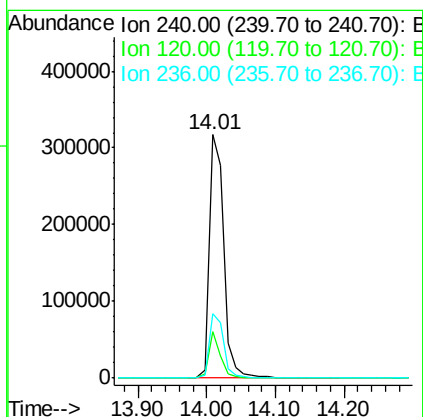
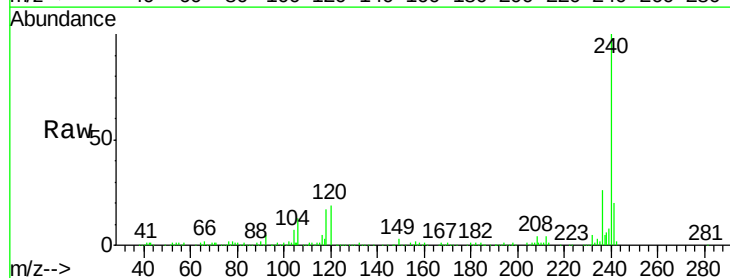
Instrument :
BNA_F
ClientSampleId :
MW-8

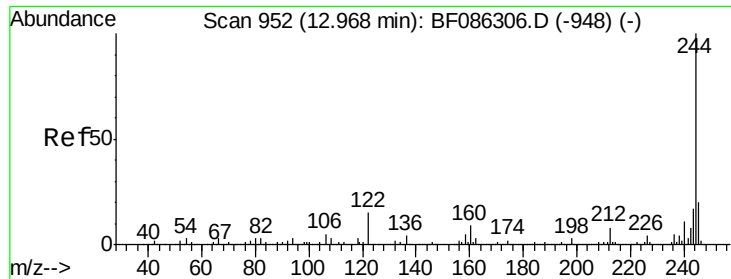
Tot Ion:188 Resp: 768545
Ion Ratio Lower Upper
188 100
94 12.6 9.8 14.8
80 13.7 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Tgt Ion:240 Resp: 467266
Ion Ratio Lower Upper
240 100
120 19.1 9.3 13.9#
236 26.5 21.1 31.7

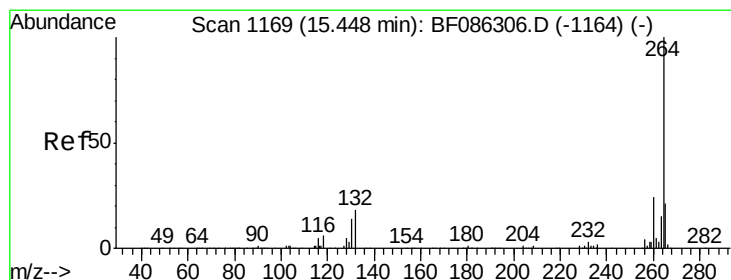
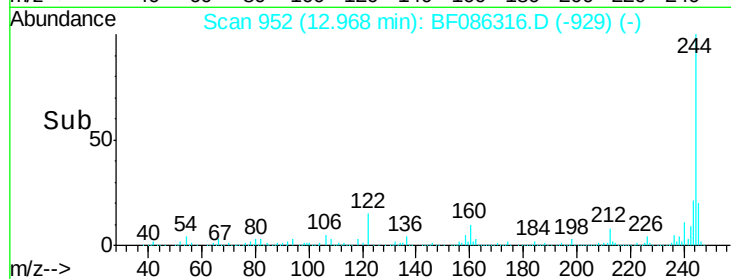
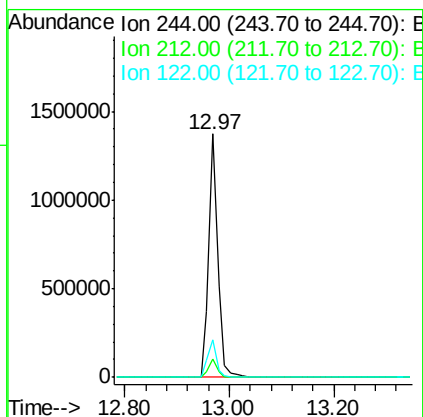
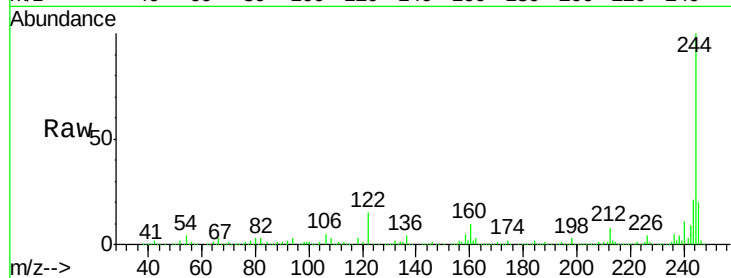




#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion:244 Resp: 1644743
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 15.5 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: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion:264 Resp: 439939
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 22.0 17.4 26.0

