

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086308.D
 Acq On : 20 Apr 2016 14:56
 Operator : UM/SJ
 Sample : PB89915BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BL

Quant Time: Apr 21 01:13:11 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	259338	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1065264	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	453502	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	729542	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	441195	20.00	ng	-0.03
86) Perylene-d12	15.44	264	437413	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1700666	114.42	ng	-0.01
7) Phenol-d6	6.49	99	2189757	112.58	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1373195	73.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	392532	111.05	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2169472	93.47	ng	-0.03
78) Terphenyl-d14	12.97	244	1305170	70.42	ng	-0.03

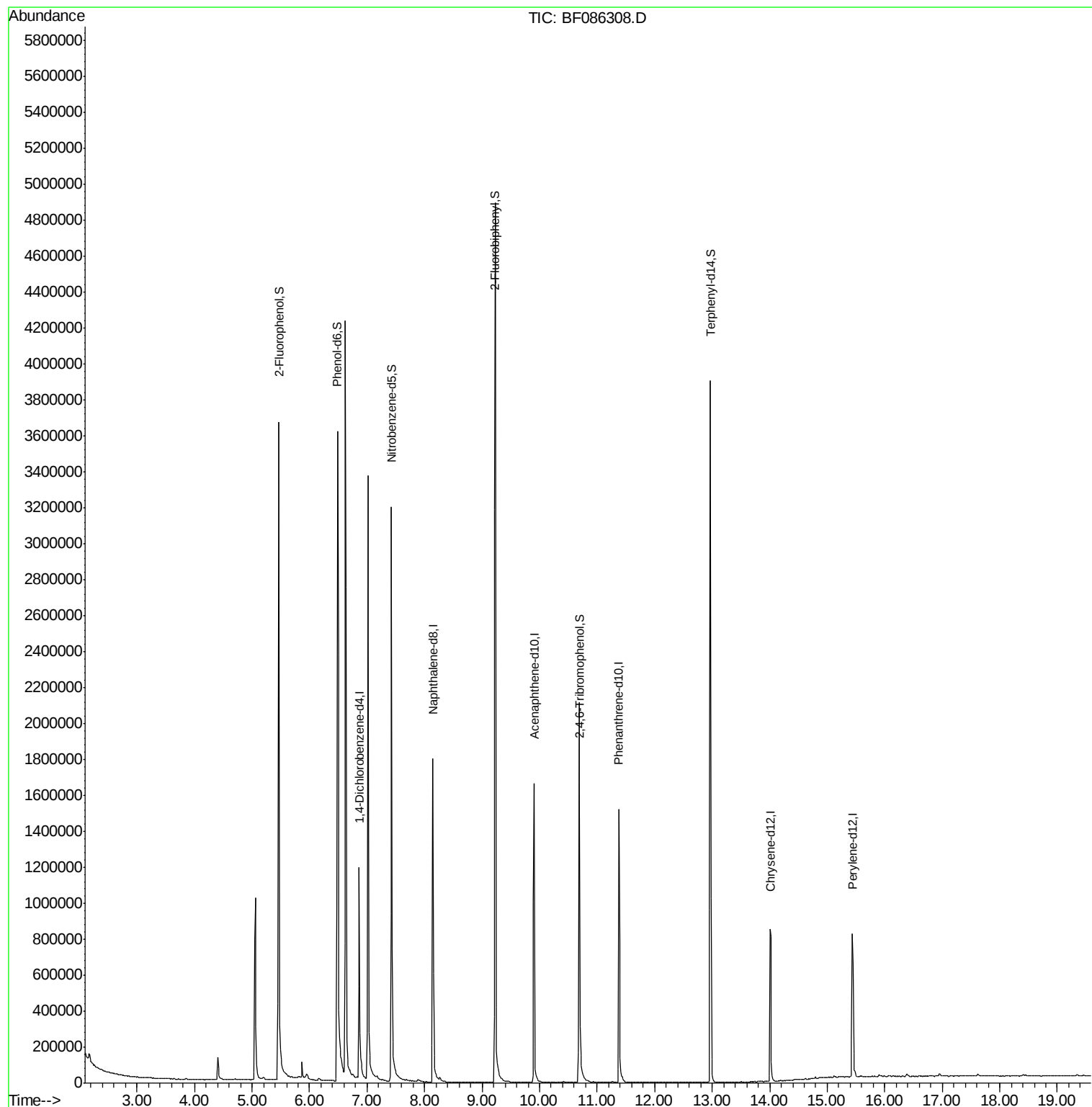
Target Compounds Qvalue

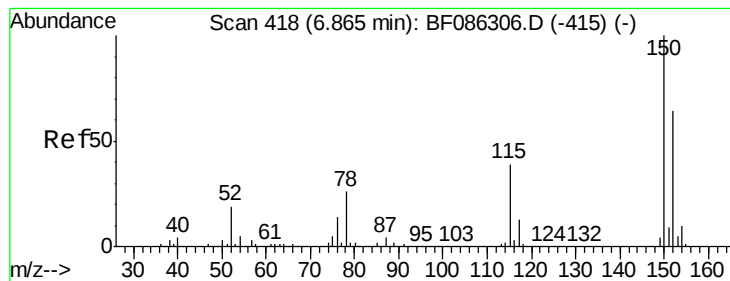
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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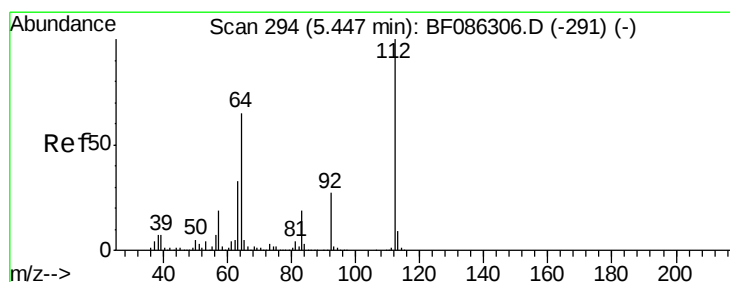
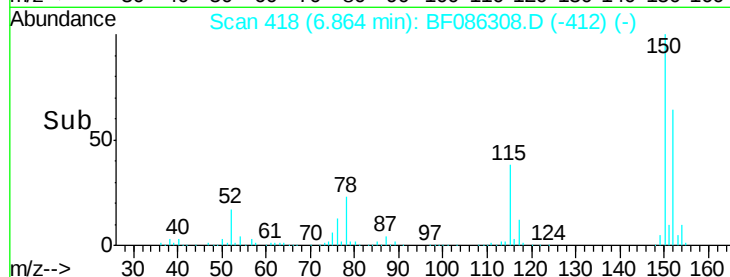
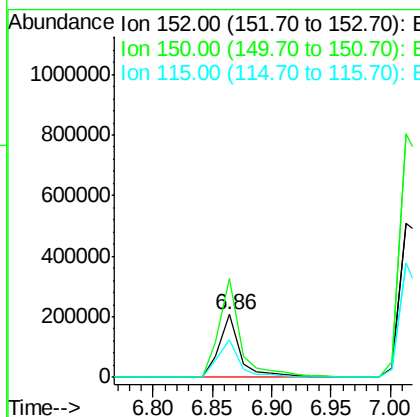
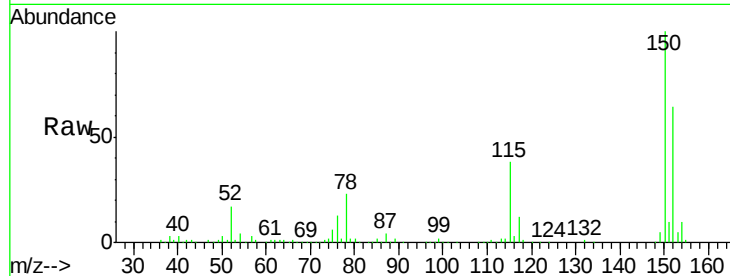




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

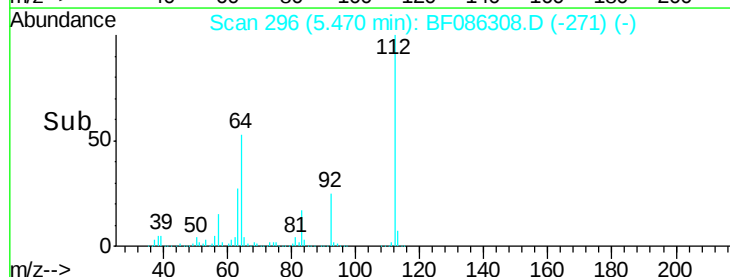
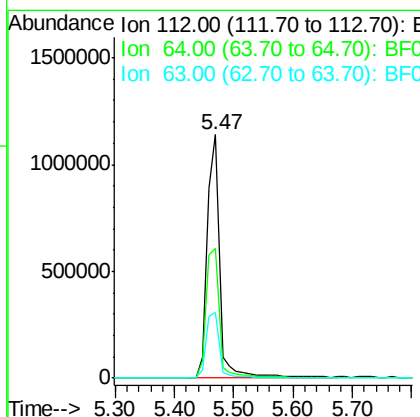
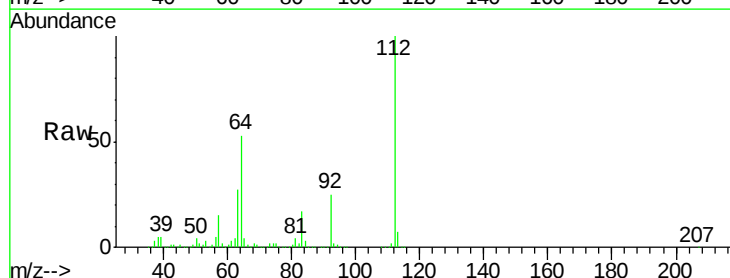
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BL

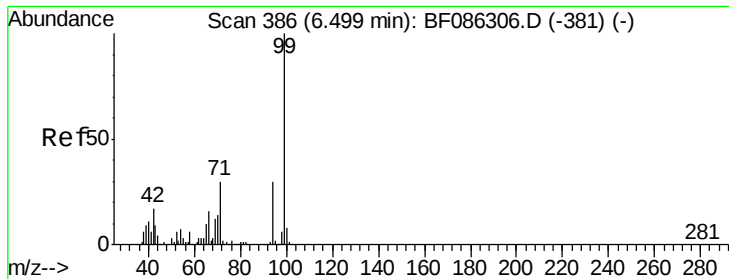
Tot Ion:152 Resp: 259338
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.1 186.1
 115 59.4 43.9 65.9



#5
 2-Fluorophenol
 Concen: 114.42 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

Tgt Ion:112 Resp: 1700666
 Ion Ratio Lower Upper
 112 100
 64 53.4 48.1 72.1
 63 26.8 25.5 38.3





#7

Phenol-d6

Concen: 112.58 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086308.D

Acq: 20 Apr 2016 14:56

Instrument :

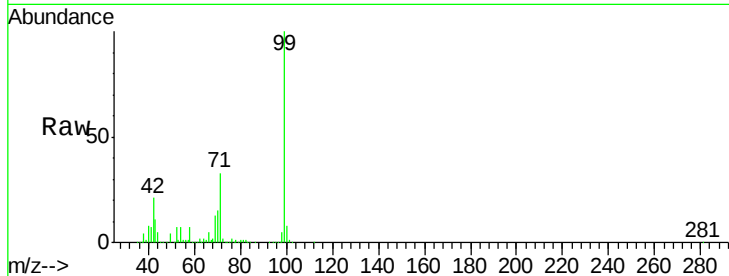
BNA_F

ClientSampleId :

PB89915BL

Tot Ion: 99 Resp: 2189757

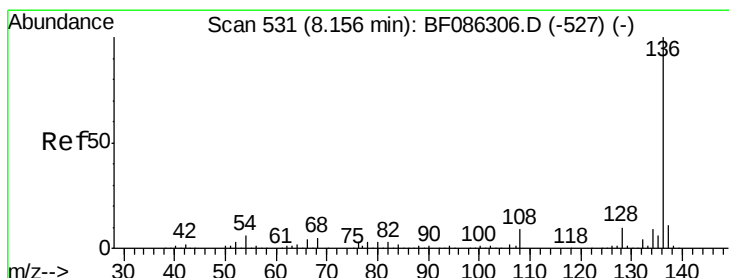
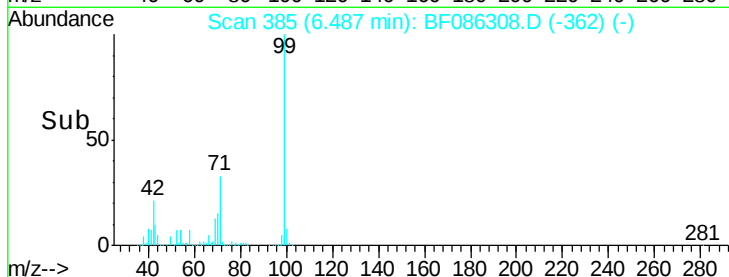
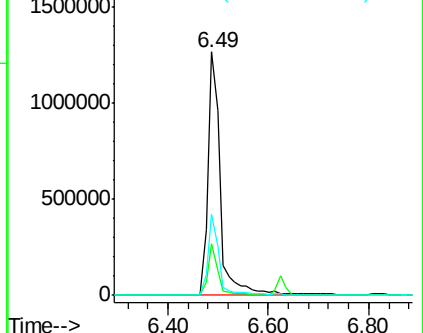
Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.4	23.2
71	33.3	25.6	38.4



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

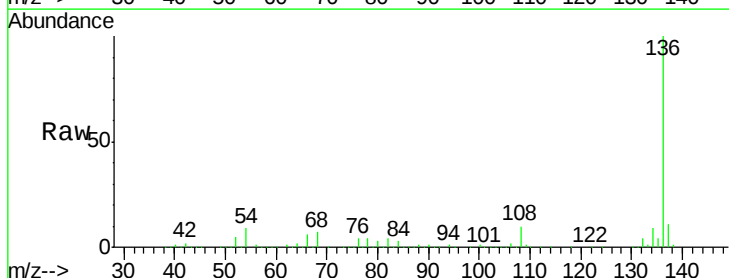
Delta R.T. -0.03 min

Lab File: BF086308.D

Acq: 20 Apr 2016 14:56

Tgt Ion: 136 Resp: 1065264

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	7.3	10.9
68	7.4	5.7	8.5

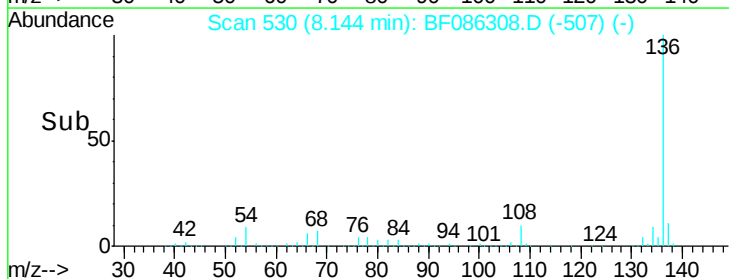
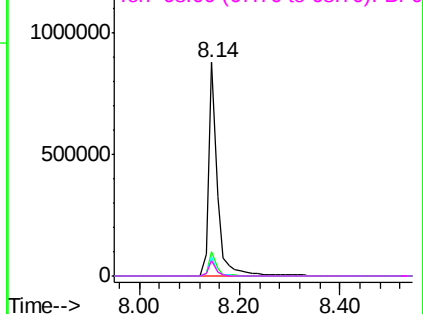


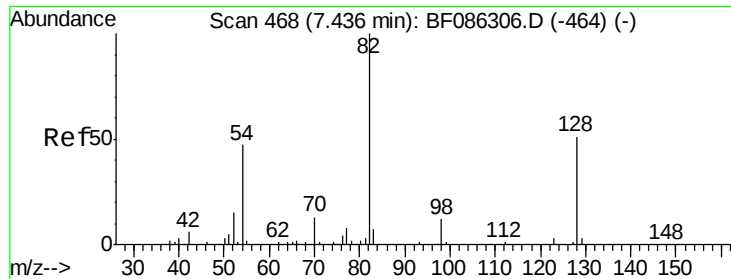
Abundance Ion 136.00 (135.70 to 136.70): E

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

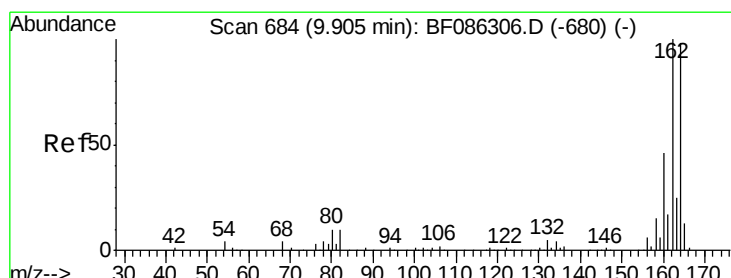
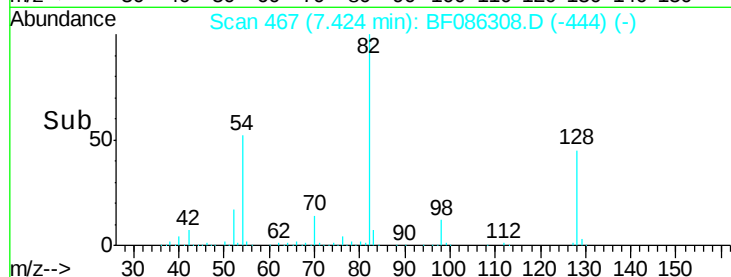
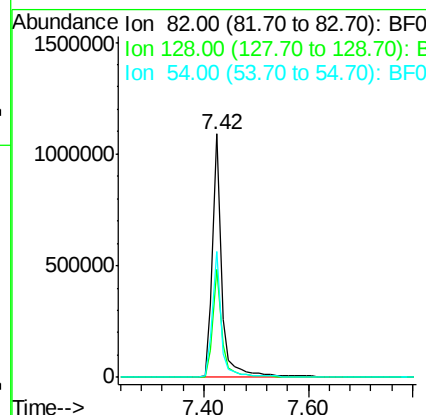
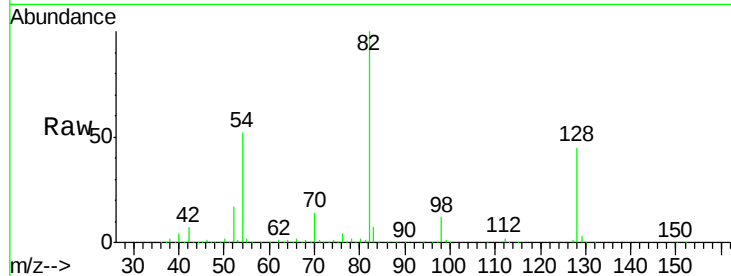




#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

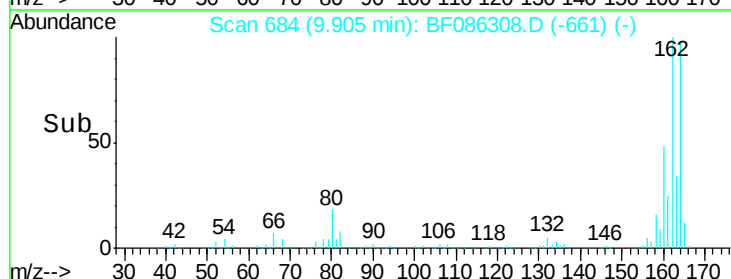
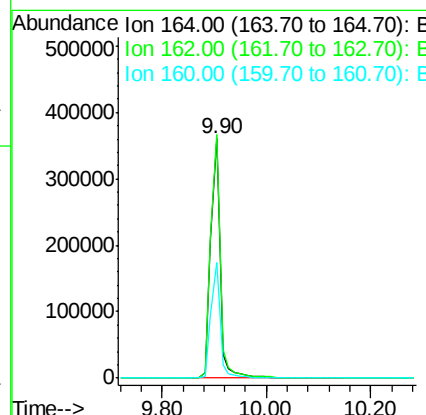
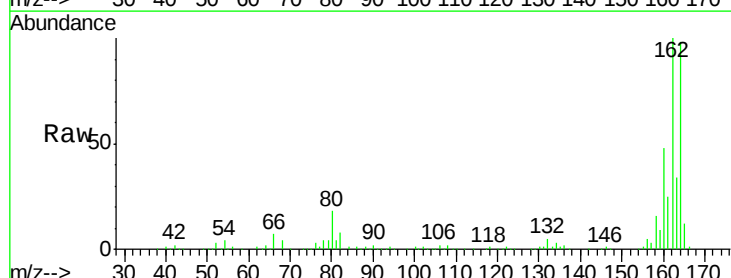
Instrument :
 BNA_F
 ClientSampleId :
 PB89915BL

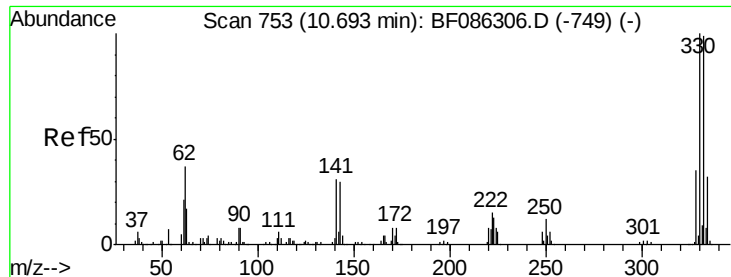
Tot Ion: 82 Resp: 1373195
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.4 53.2
 54 51.8 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

Tgt Ion:164 Resp: 453502
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 48.3 38.9 58.3

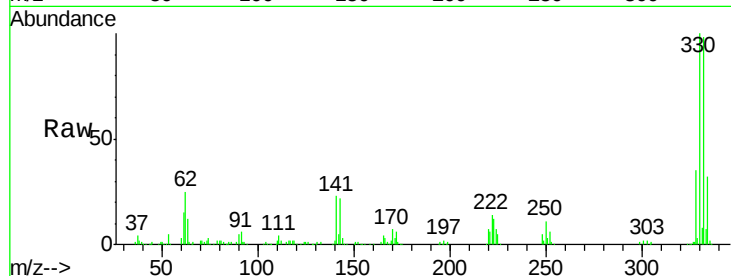




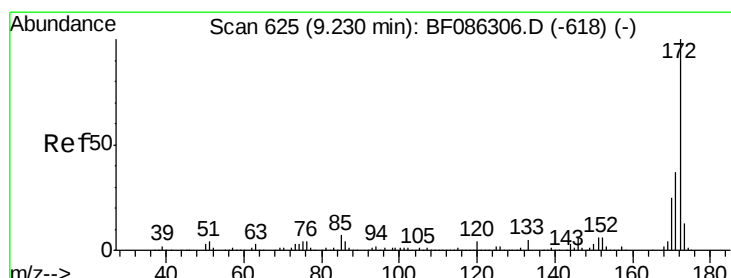
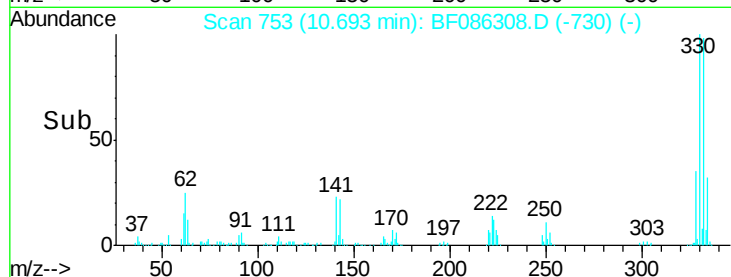
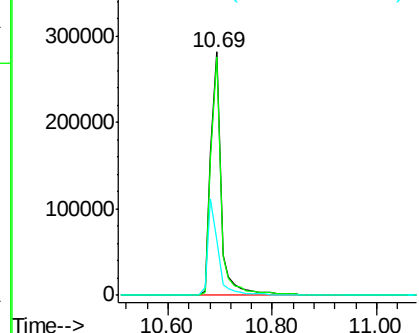
#41
 2,4,6-Tribromophenol
 Concen: 111.05 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.7	118.1
141	39.2	28.6	42.8

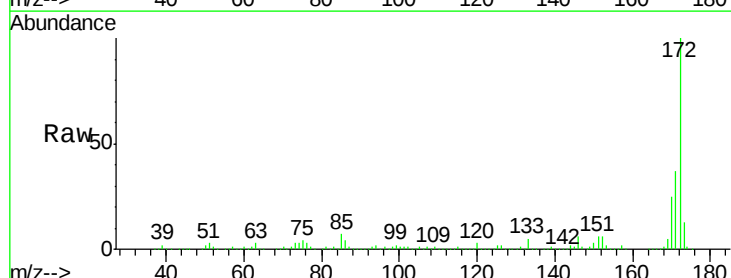


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

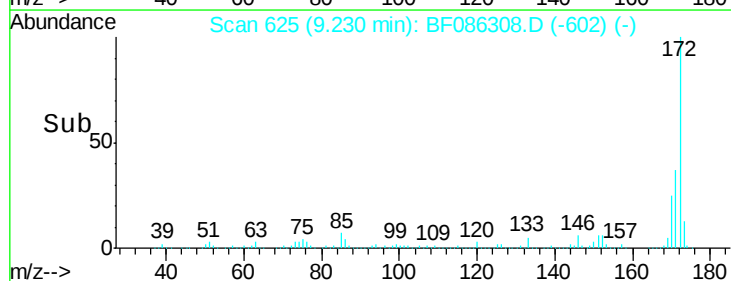
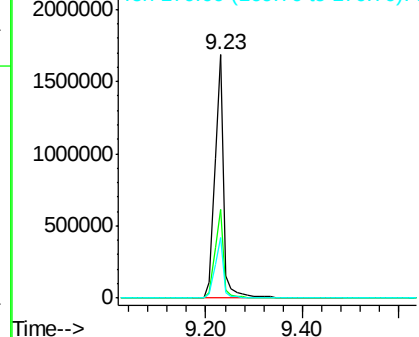


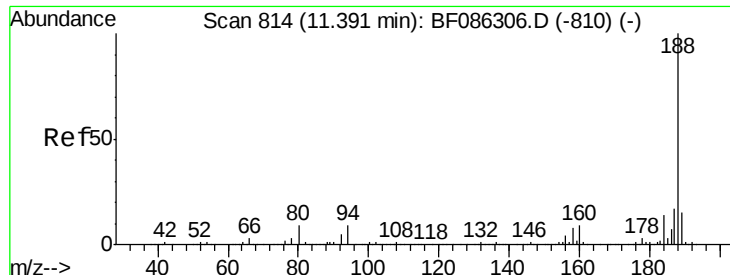
#44
 2-Fluorobiphenyl
 Concen: 93.47 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

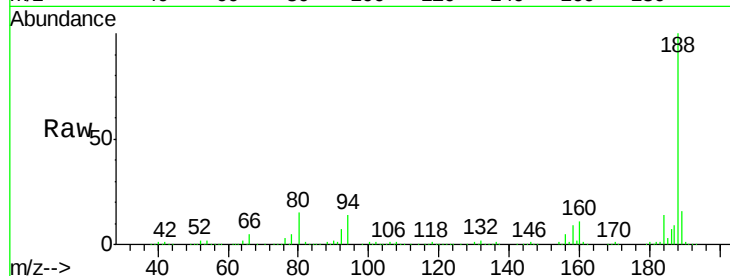




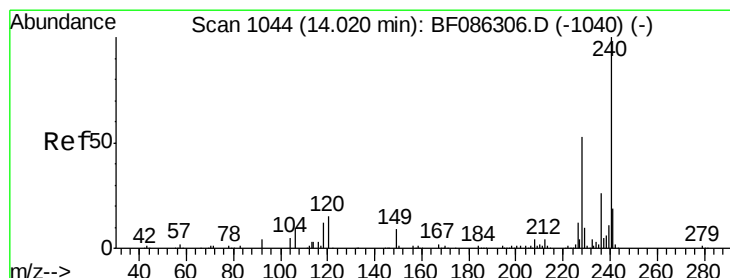
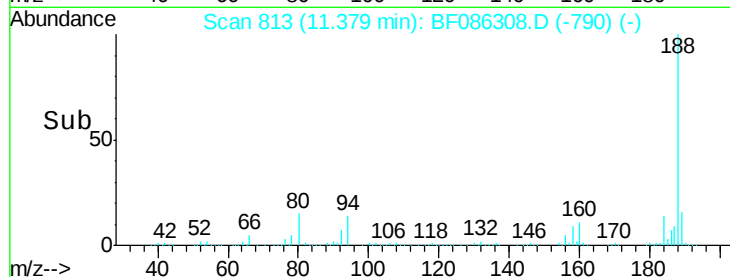
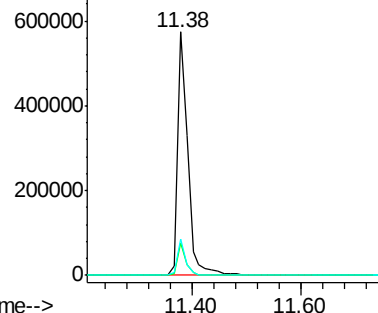
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086308.D
Acq: 20 Apr 2016 14:56

Instrument :
BNA_F
ClientSampleId :
PB89915BL

Tot Ion:188 Resp: 729542
Ion Ratio Lower Upper
188 100
94 13.5 9.8 14.8
80 15.1 10.5 15.7

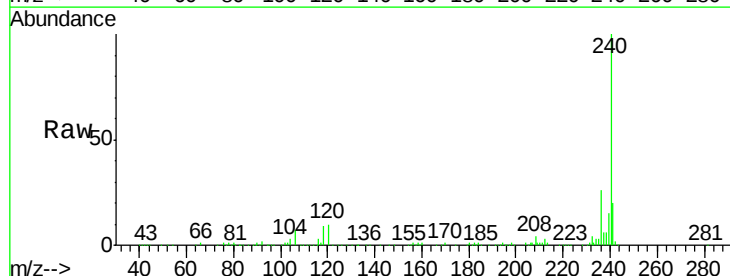


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

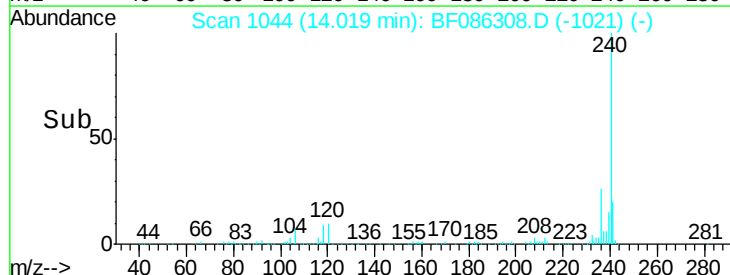
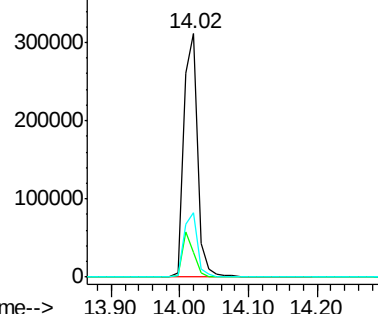


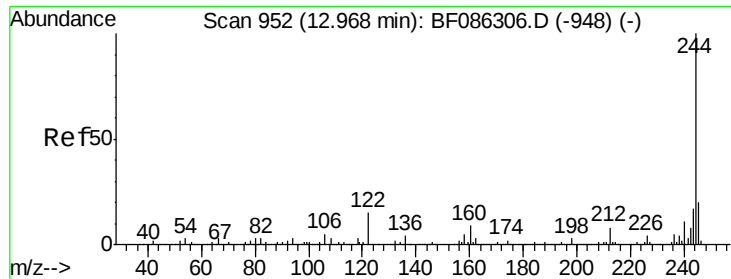
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF086308.D
Acq: 20 Apr 2016 14:56

Tgt Ion:240 Resp: 441195
Ion Ratio Lower Upper
240 100
120 10.0 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

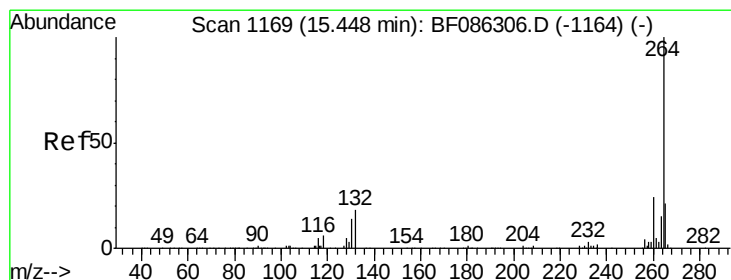
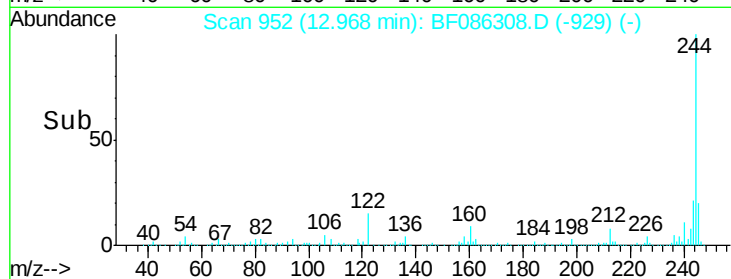
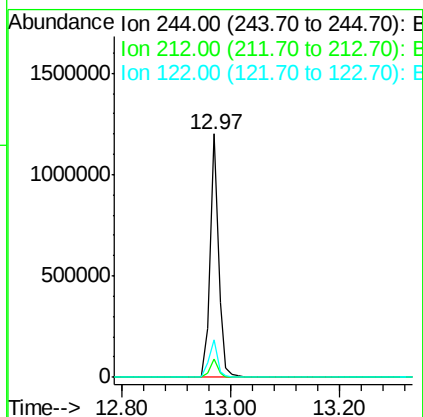
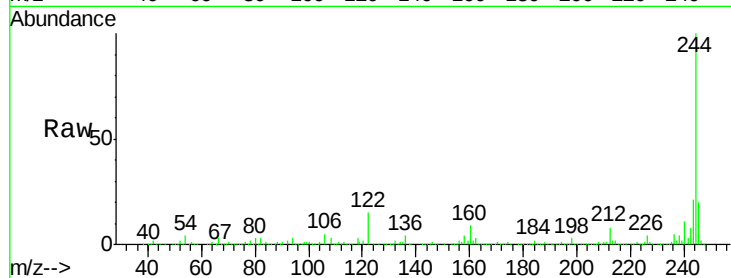




#78
 Terphenyl-d14
 Concen: 70.42 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086308.D
 Acq: 20 Apr 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89915BL

Tot Ion:244 Resp: 1305170
 Ion Ratio Lower Upper
 244 100
 212 7.8 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: BF086308.D
 Acq: 20 Apr 2016 14:56

Tgt Ion:264 Resp: 437413
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 22.4 17.4 26.0

