

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086340.D
 Acq On : 21 Apr 2016 6:15
 Operator : UM/SJ
 Sample : PB89945TB
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89945TB

Quant Time: Apr 21 07:29:45 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	219112	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	814079	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	303858	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	488114	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	372349	20.00	ng	-0.03
86) Perylene-d12	15.46	264	270886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1511479	120.36	ng	0.00
7) Phenol-d6	6.50	99	1899533	115.58	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1146538	80.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	266172	112.39	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1637084	109.57	ng	-0.03
78) Terphenyl-d14	12.98	244	1223592	78.22	ng	-0.02

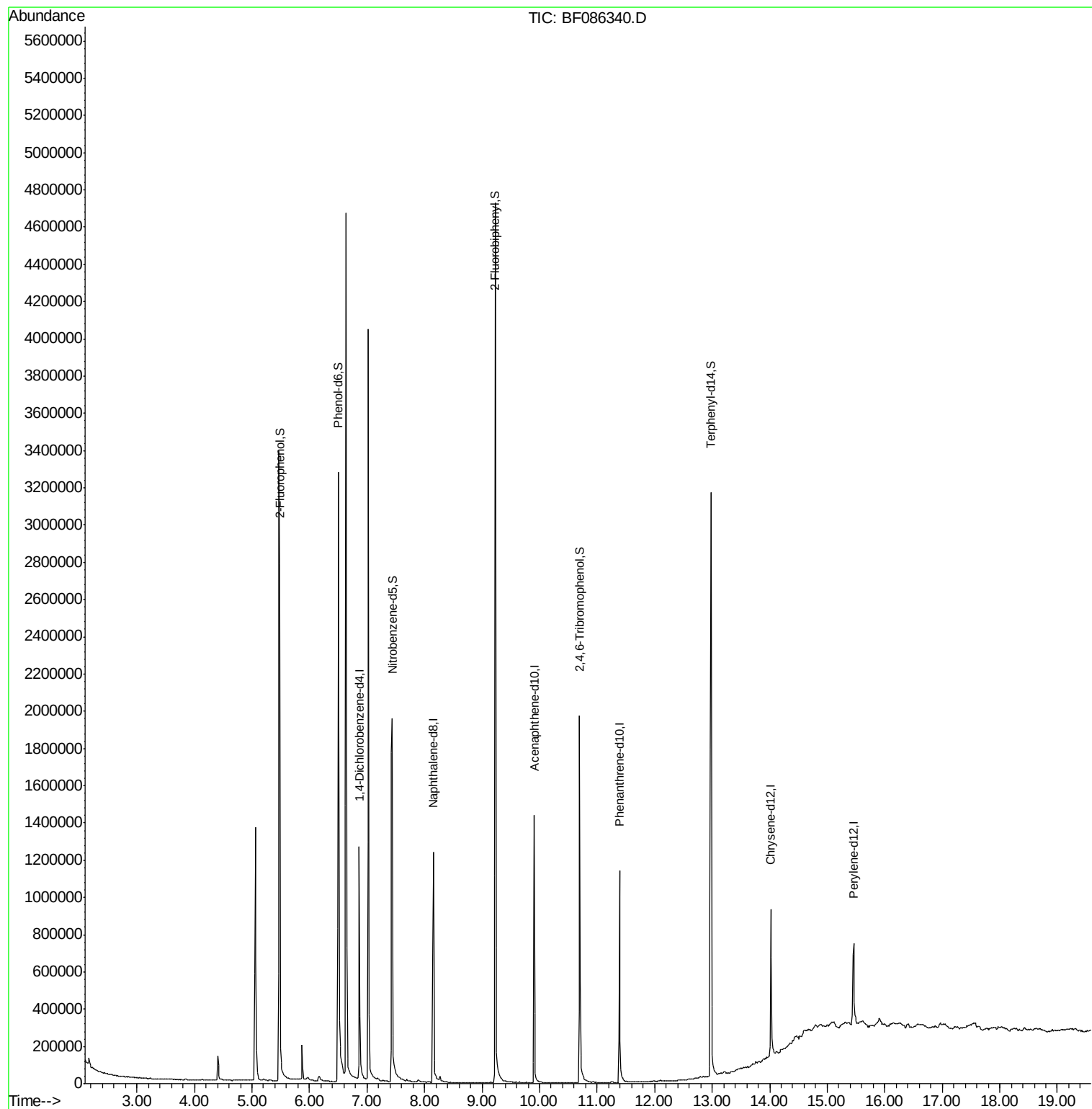
Target Compounds Qvalue

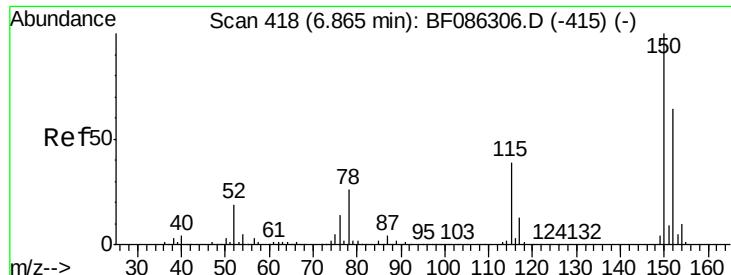
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086340.D

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Instrument :

BNA_F

ClientSampleId :

PB89945TB

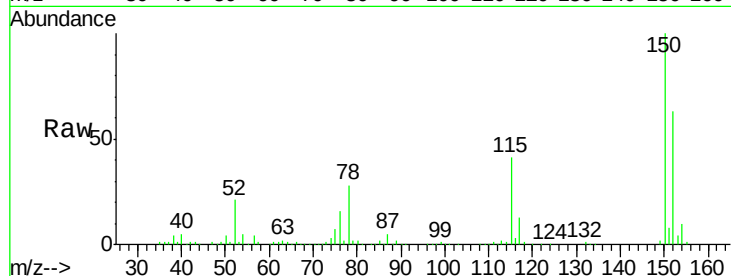
Tot Ion:152 Resp: 219112

Ion Ratio Lower Upper

152 100

150 158.0 124.1 186.1

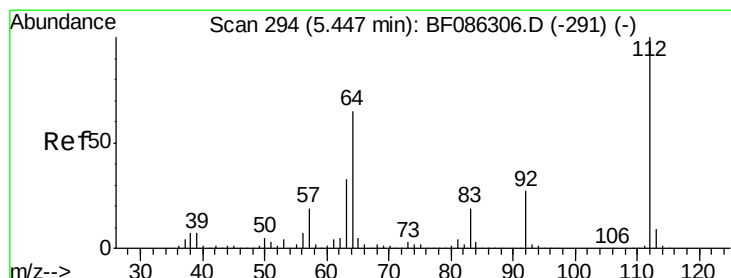
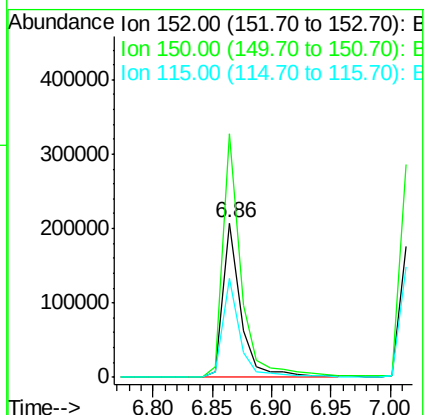
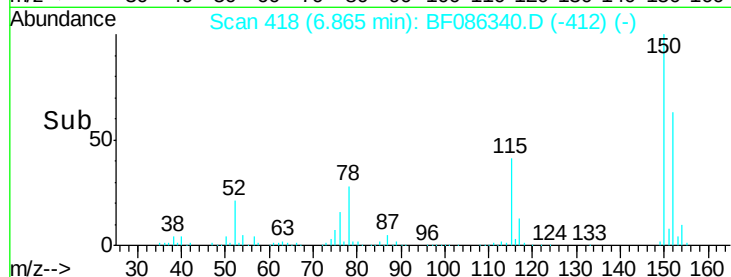
115 64.2 43.9 65.9



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: 120.36 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086340.D

Acq: 21 Apr 2016 6:15

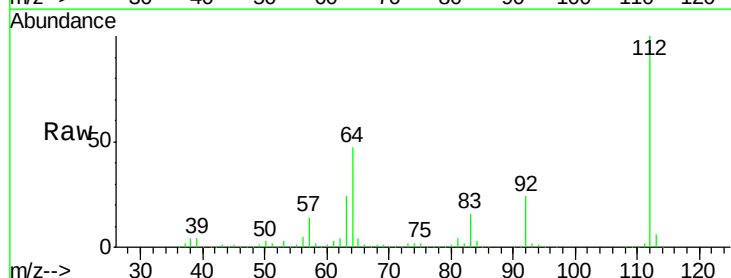
Tgt Ion:112 Resp: 1511479

Ion Ratio Lower Upper

112 100

64 47.5 48.1 72.1#

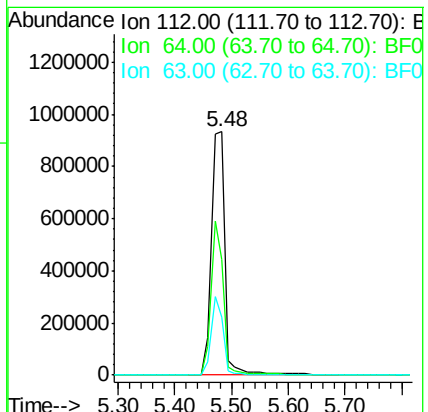
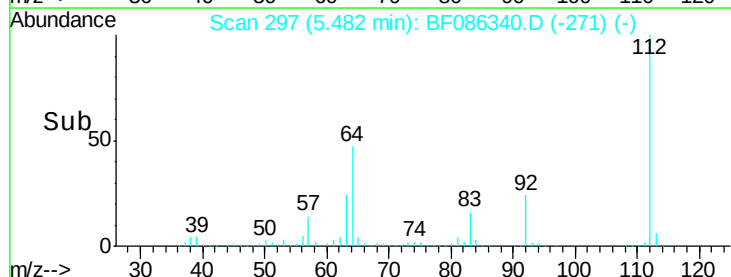
63 23.9 25.5 38.3#

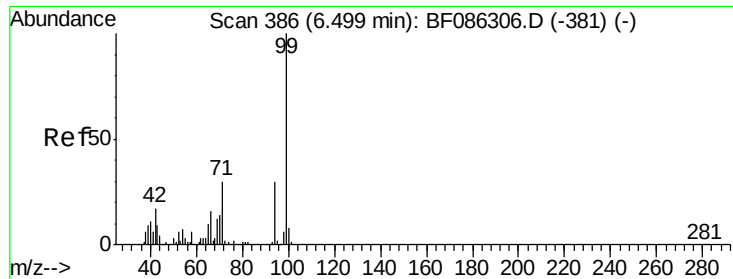


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.58 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086340.D

Acq: 21 Apr 2016 6:15

Instrument :

BNA_F

ClientSampleId :

PB89945TB

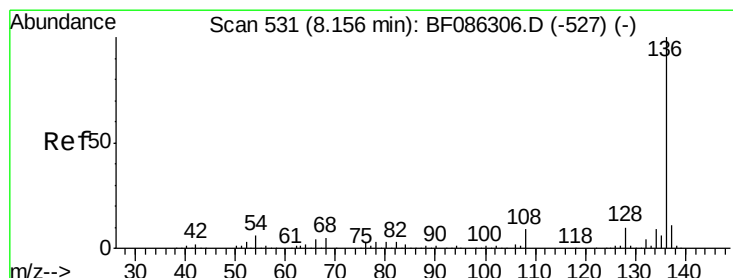
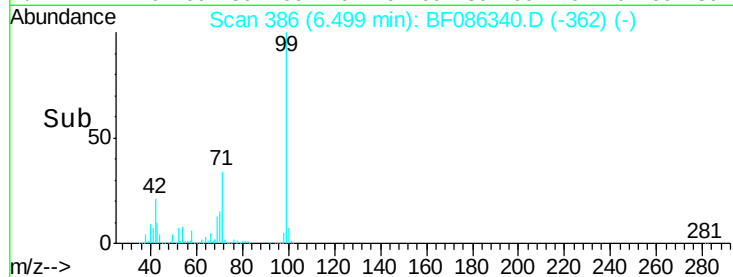
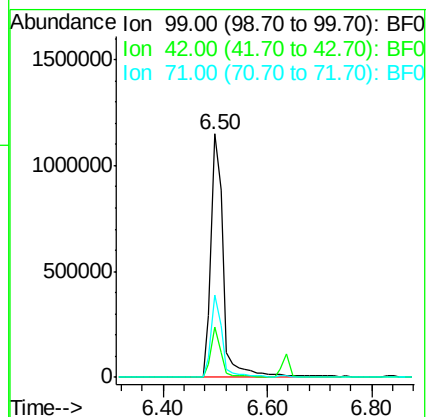
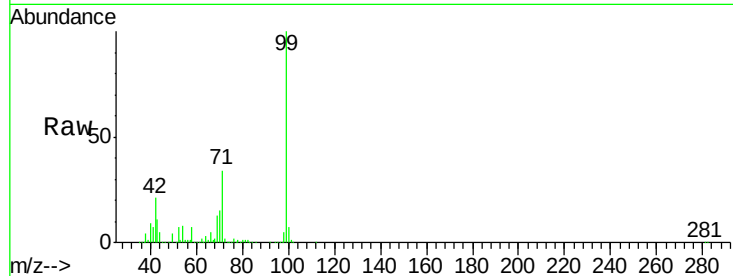
Tot Ion: 99 Resp: 1899533

Ion Ratio Lower Upper

99 100

42 20.9 15.4 23.2

71 33.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086340.D

Acq: 21 Apr 2016 6:15

Tgt Ion: 136 Resp: 814079

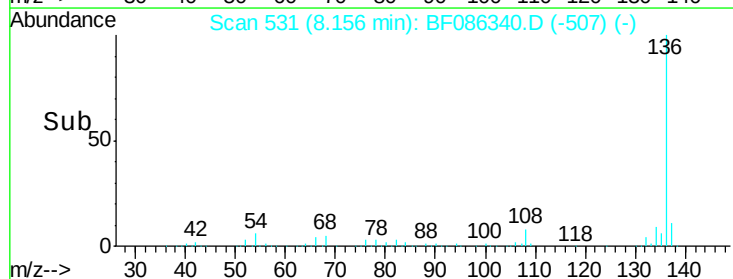
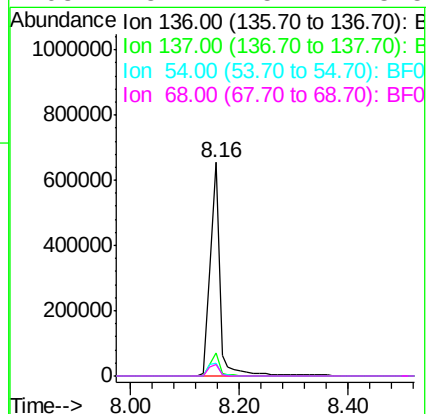
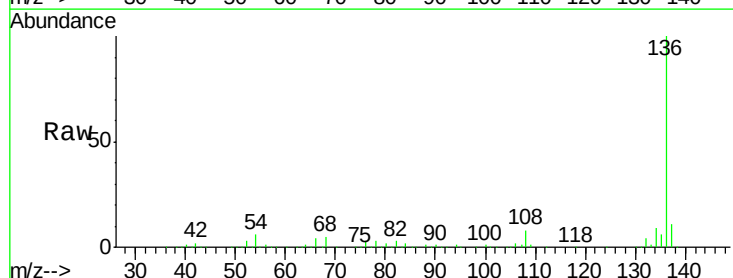
Ion Ratio Lower Upper

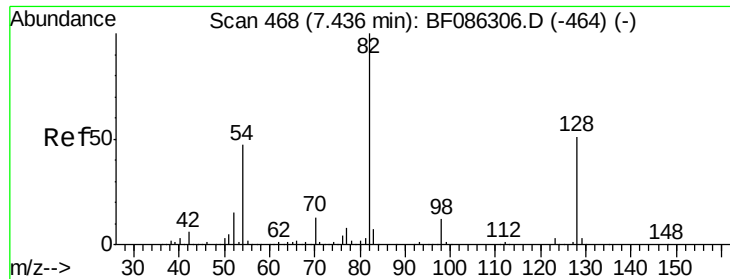
136 100

137 10.9 9.1 13.7

54 6.1 7.3 10.9#

68 5.4 5.7 8.5#

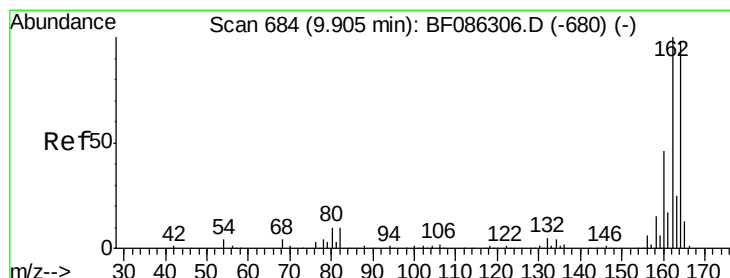
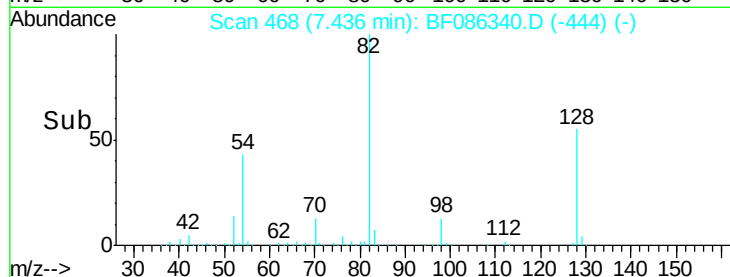
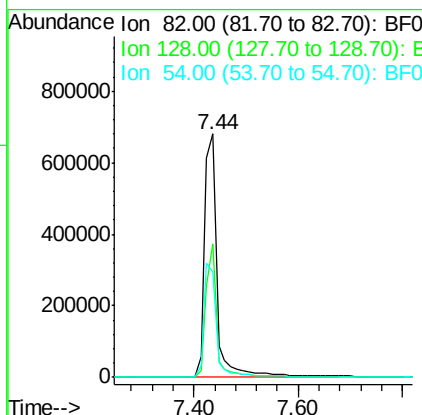
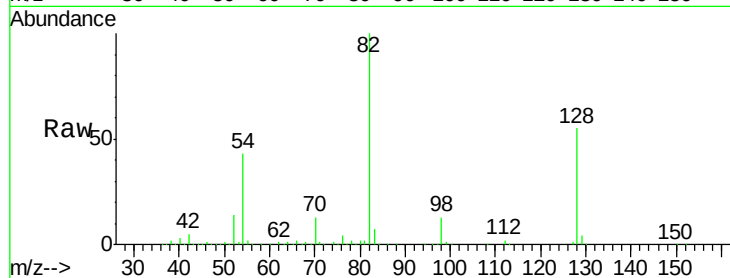




#23
 Nitrobenzene-d5
 Concen: 80.66 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

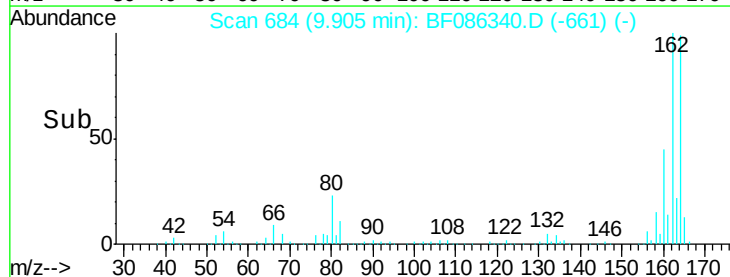
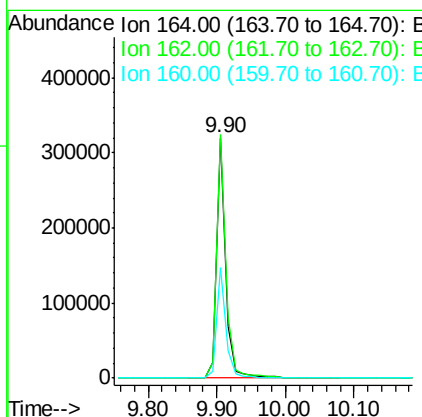
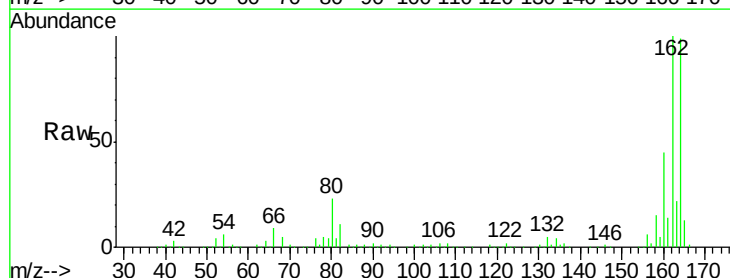
Instrument :
 BNA_F
 ClientSampleId :
 PB89945TB

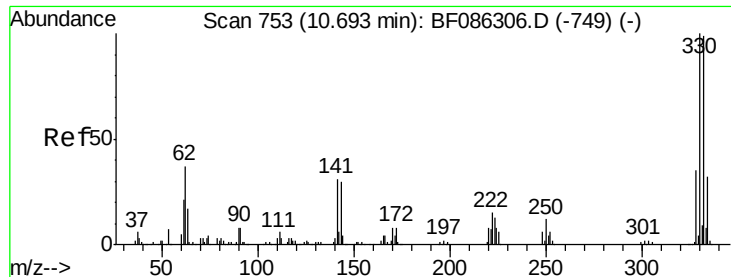
Tot Ion: 82 Resp: 1146538
 Ion Ratio Lower Upper
 82 100
 128 54.6 35.4 53.2#
 54 43.4 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

Tgt Ion:164 Resp: 303858
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 45.9 38.9 58.3

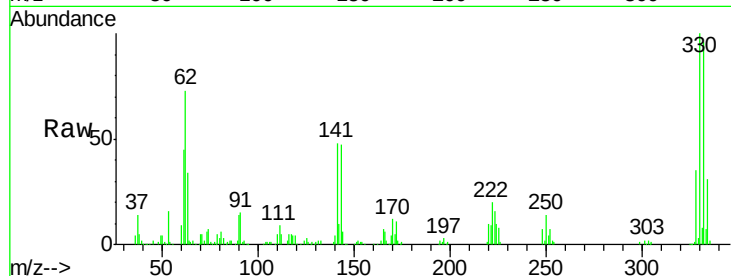




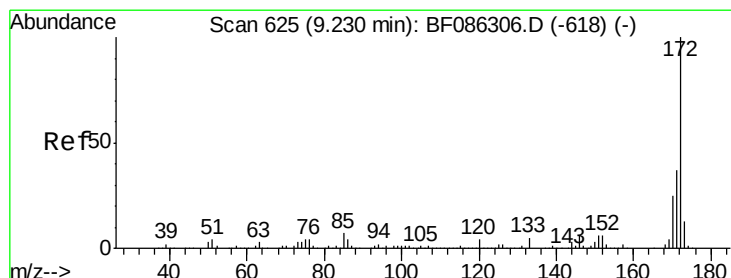
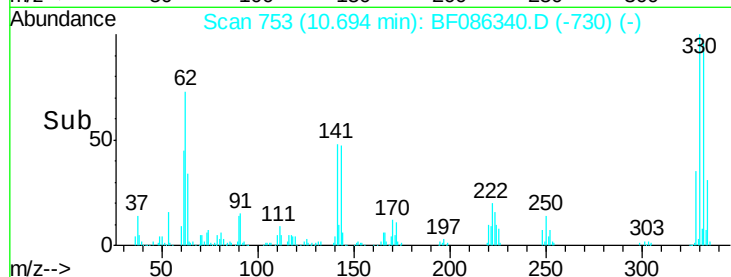
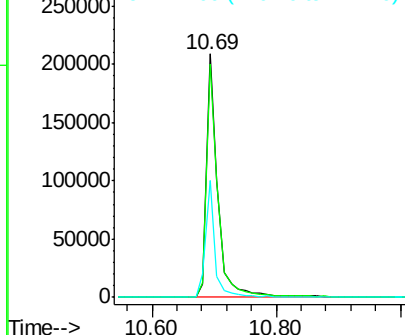
#41
 2,4,6-Tribromophenol
 Concen: 112.39 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

Instrument :
 BNA_F
 ClientSampled :
 PB89945TB

Tot Ion:330 Resp: 266172
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.7 118.1
 141 41.9 28.6 42.8

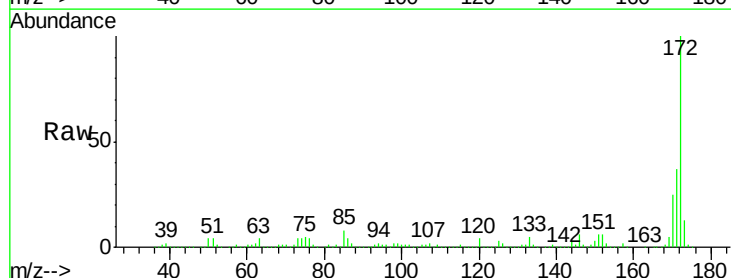


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

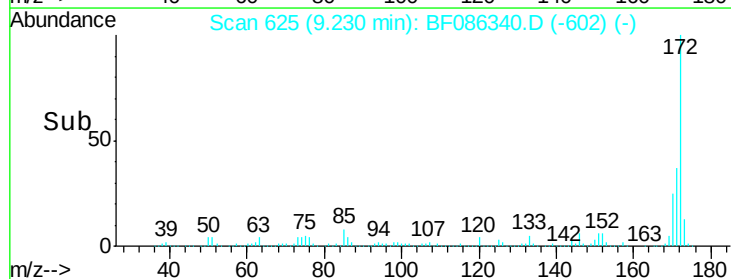
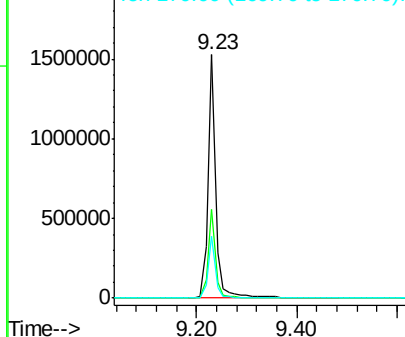


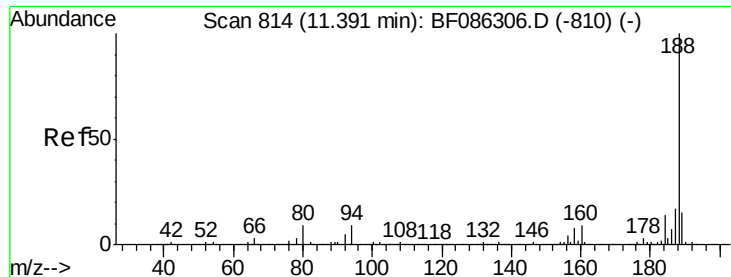
#44
 2-Fluorobiphenyl
 Concen: 109.57 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

Tgt Ion:172 Resp: 1637084
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 25.2 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

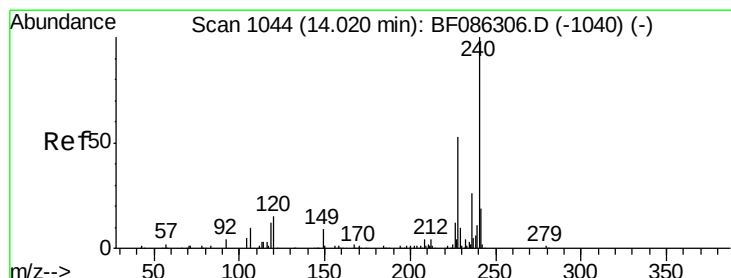
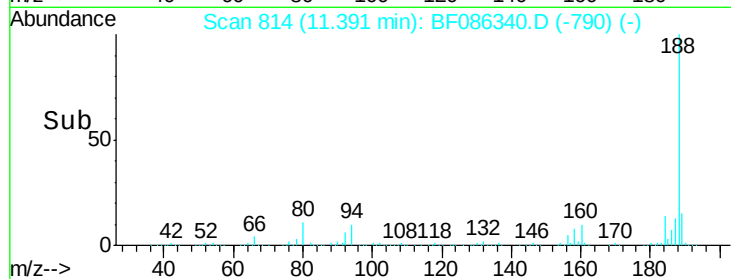
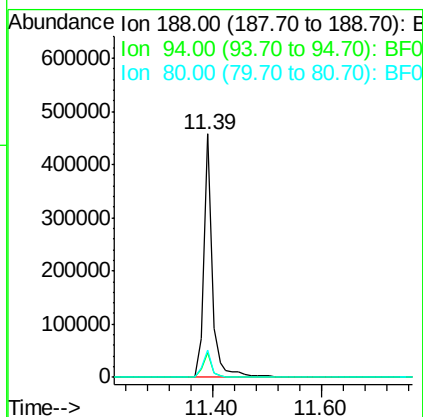
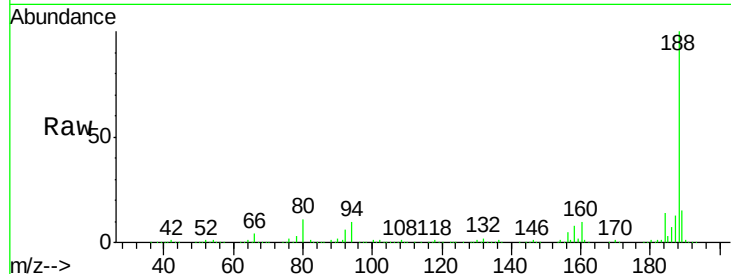




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086340.D
Acq: 21 Apr 2016 6:15

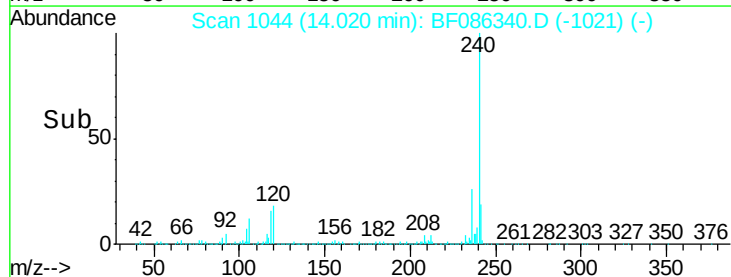
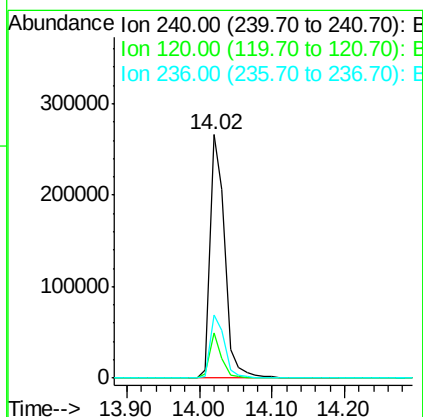
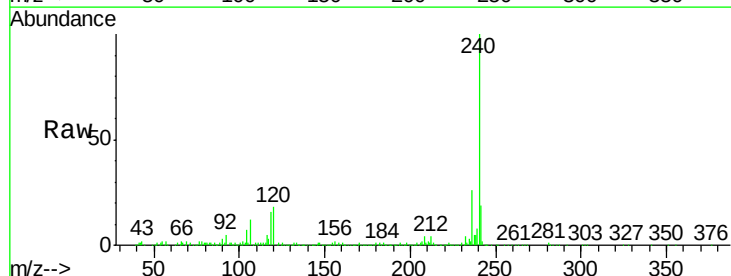
Instrument :
BNA_F
ClientSampleId :
PB89945TB

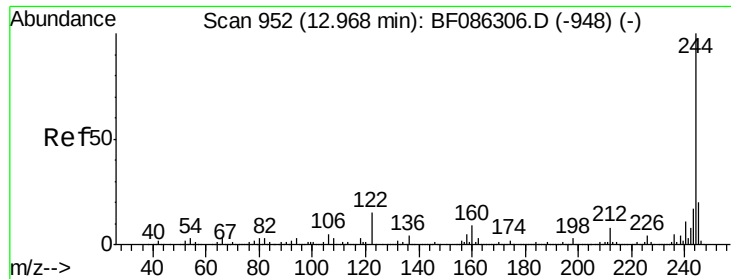
Tot Ion:188 Resp: 488114
Ion Ratio Lower Upper
188 100
94 10.3 9.8 14.8
80 11.0 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF086340.D
Acq: 21 Apr 2016 6:15

Tgt Ion:240 Resp: 372349
Ion Ratio Lower Upper
240 100
120 18.5 9.3 13.9#
236 26.2 21.1 31.7

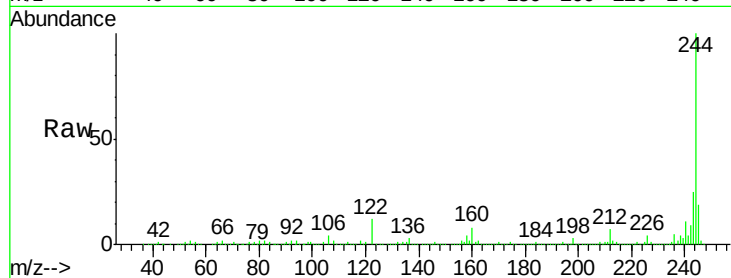




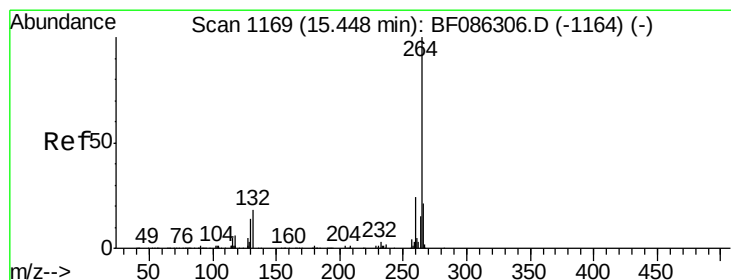
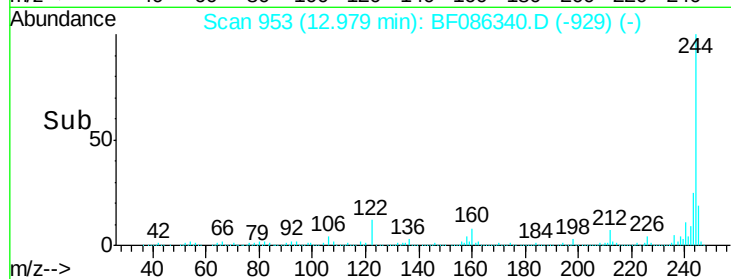
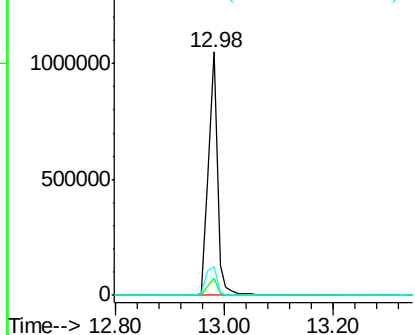
#78
 Terphenyl-d14
 Concen: 78.22 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

Instrument :
 BNA_F
 ClientSampled :
 PB89945TB

Tot Ion:244 Resp: 1223592
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 11.6 11.7 17.5#

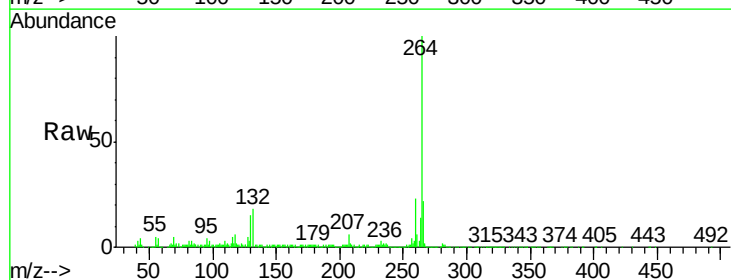


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF086340.D
 Acq: 21 Apr 2016 6:15

Tgt Ion:264 Resp: 270886
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.0 30.0
 265 21.6 17.4 26.0



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

