

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085212.D
 Acq On : 4 Mar 2016 19:42
 Operator : SJ/IZ
 Sample : PB88680TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88680TB

Quant Time: Mar 04 22:41:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170617	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	689863	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	334512	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	639805	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	430998	20.00	ng	-0.02
86) Perylene-d12	15.60	264	307630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1317176	129.50	ng	0.01
7) Phenol-d6	6.60	99	1503429	112.82	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1045654	81.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	382582	133.66	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1721194	78.25	ng	-0.02
78) Terphenyl-d14	13.09	244	1680527	90.52	ng	0.00

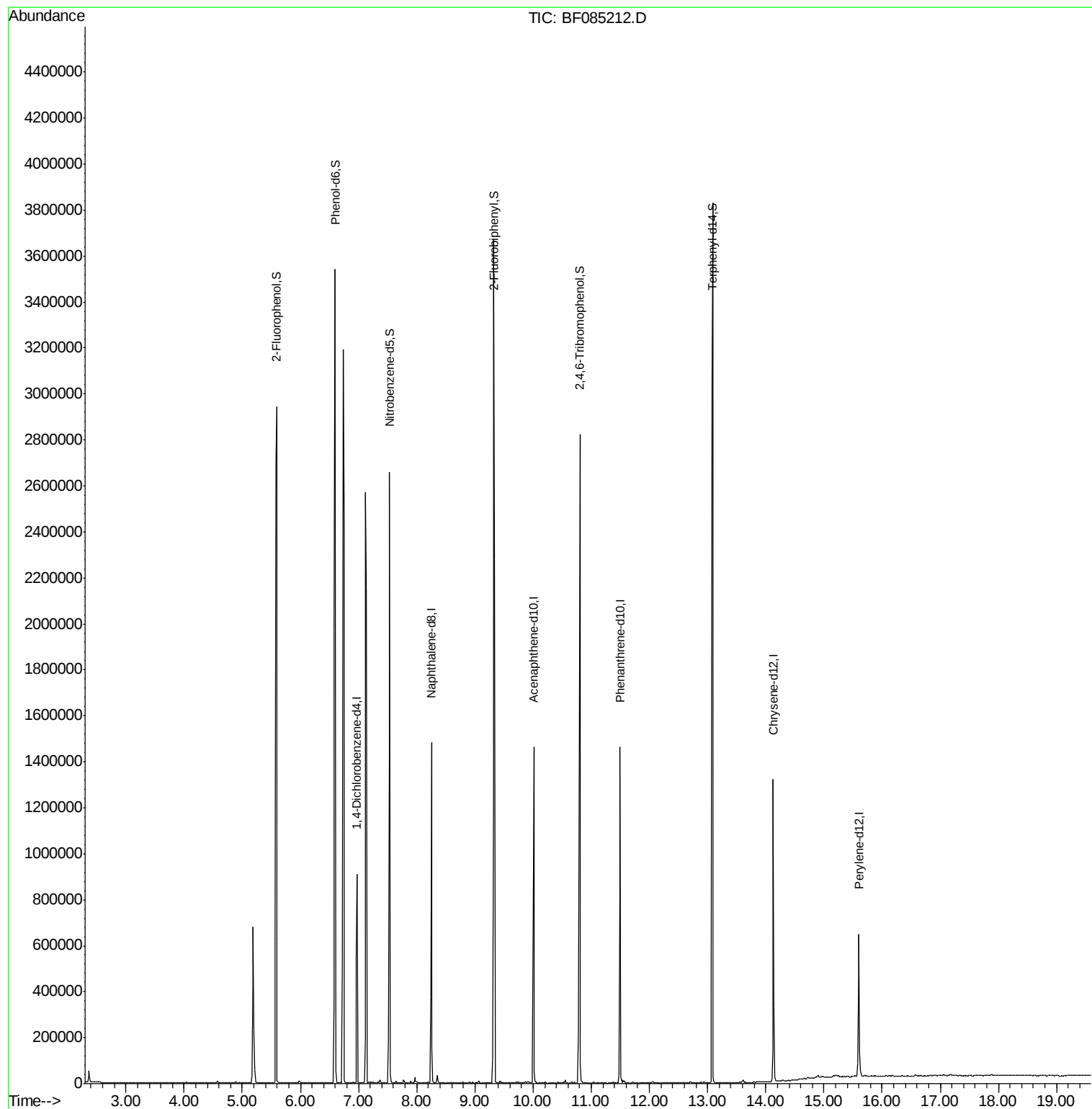
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085212.D
Acq On : 4 Mar 2016 19:42
Operator : SJ/IZ
Sample : PB88680TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88680TB

Quant Time: Mar 04 22:41:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



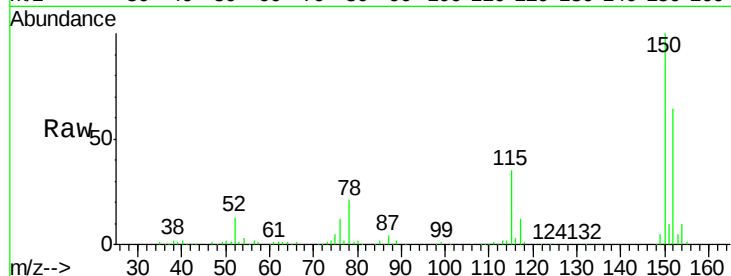


#1

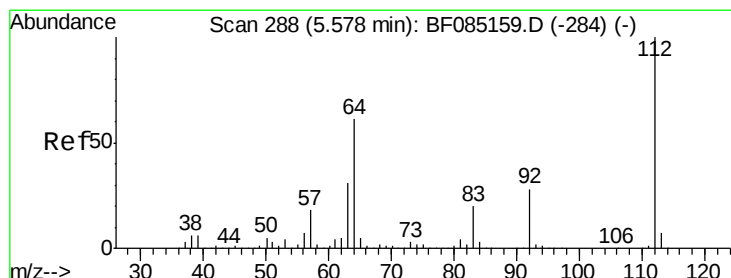
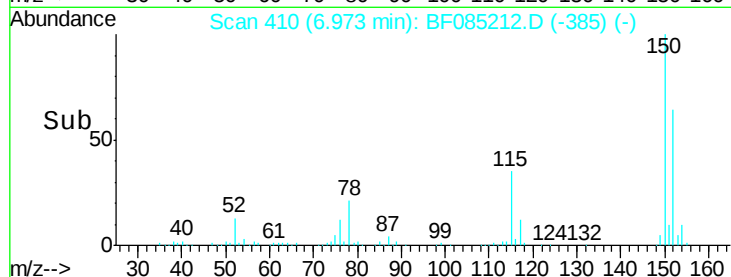
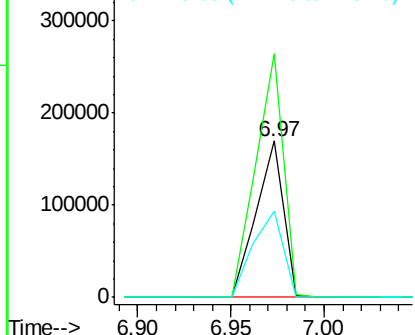
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88680TB

Tot Ion:152 Resp: 170617
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.1 46.6 70.0



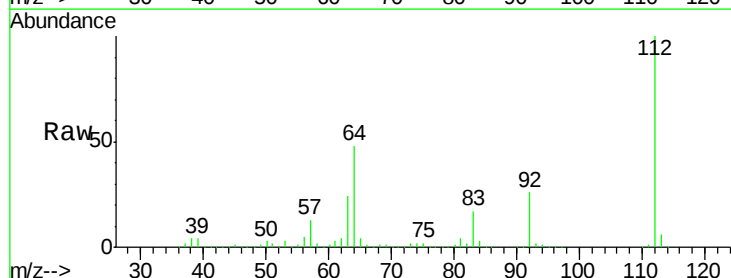
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



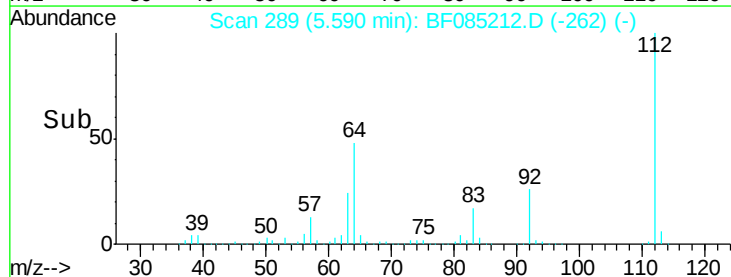
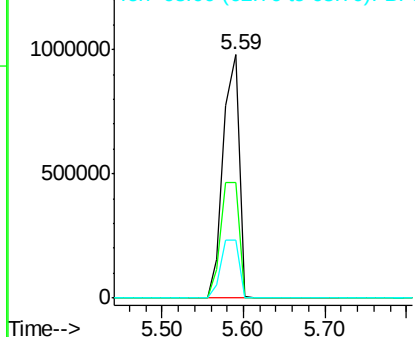
#5

2-Fluorophenol
Concen: 129.50 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Tgt Ion:112 Resp: 1317176
Ion Ratio Lower Upper
112 100
64 47.6 49.0 73.4#
63 24.0 24.8 37.2#



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: 112.82 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

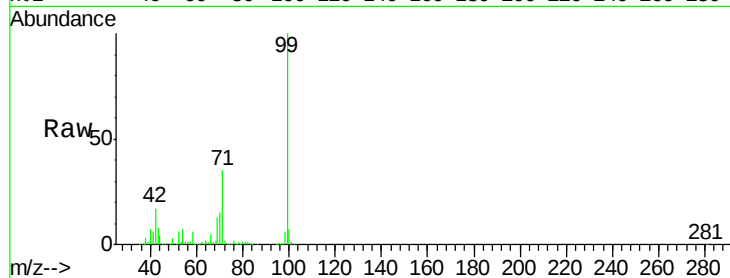
Tot Ion: 99 Resp: 1503429

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

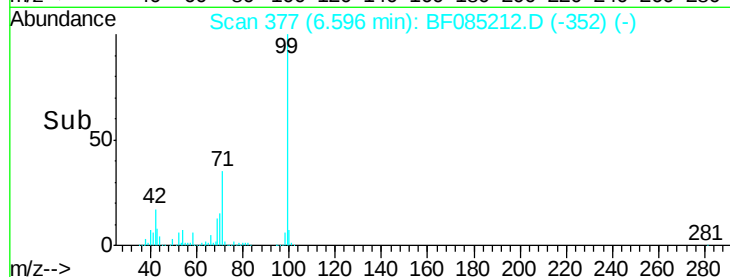
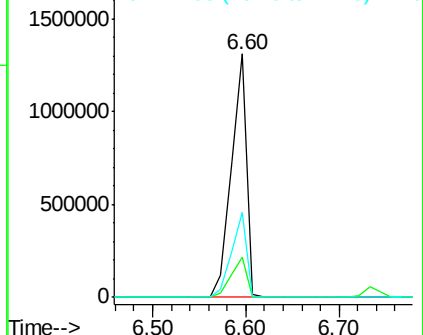
71 34.7 26.7 40.1



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: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Tgt Ion: 136 Resp: 689863

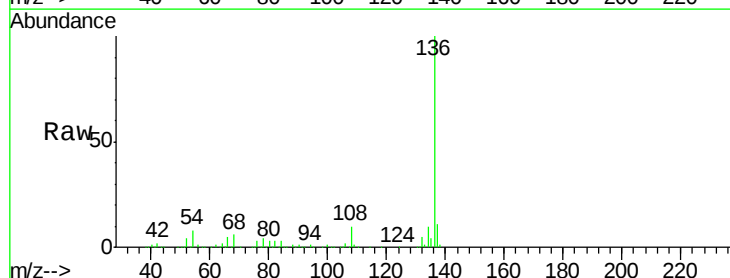
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.6 7.4 11.2

68 6.4 6.0 9.0

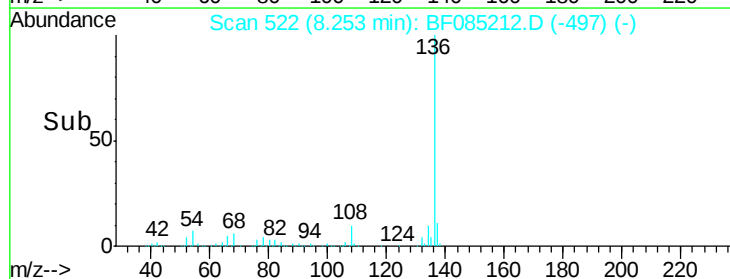
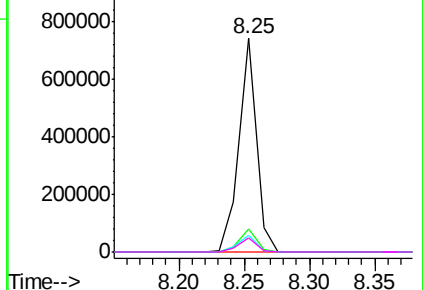


Abundance Ion 136.00 (135.70 to 136.70): E

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

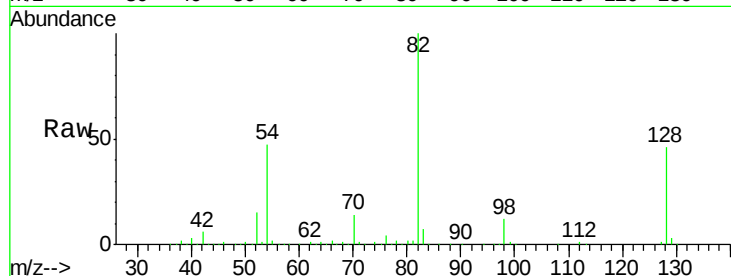




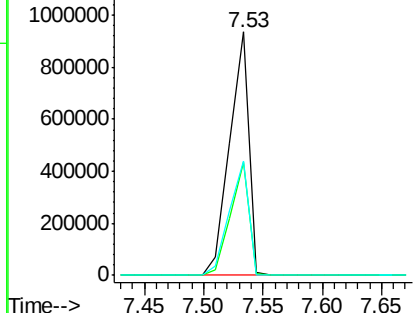
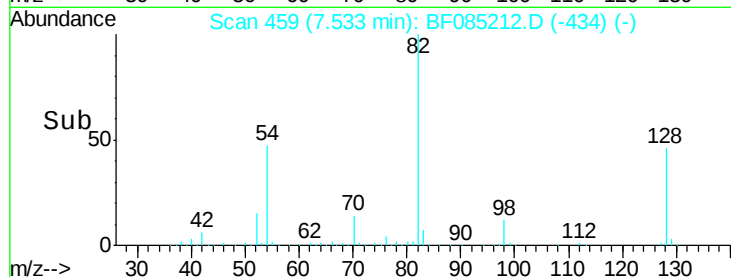
#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB88680TB

Tot Ion: 82 Resp: 1045654
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.5 51.7
 54 46.9 39.3 58.9

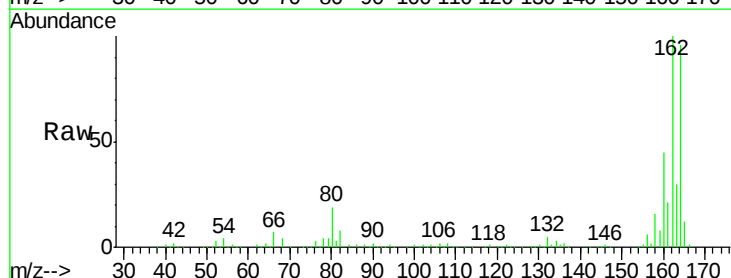


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

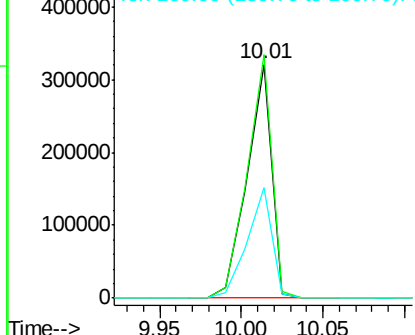
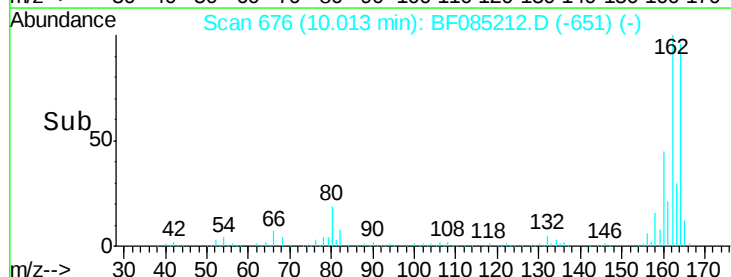


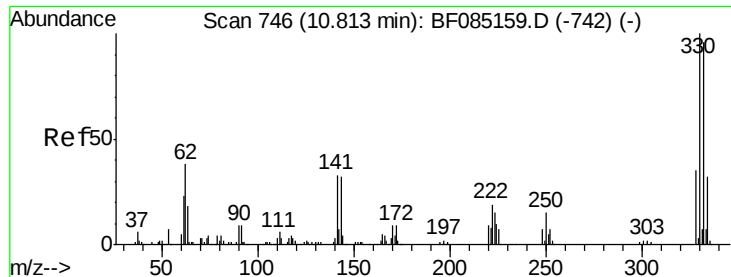
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Tgt Ion: 164 Resp: 334512
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.3 124.9
 160 47.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

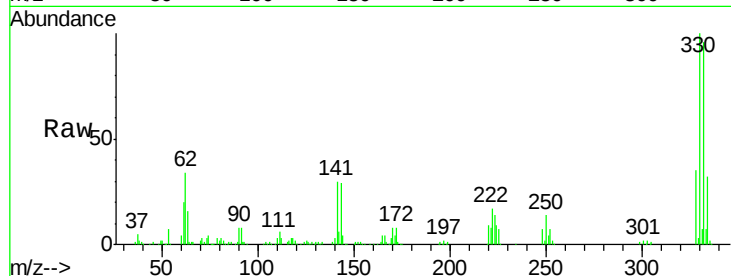




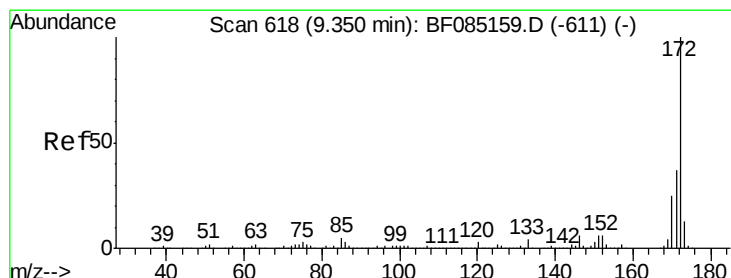
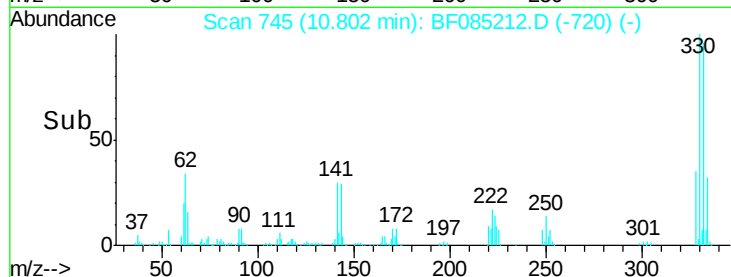
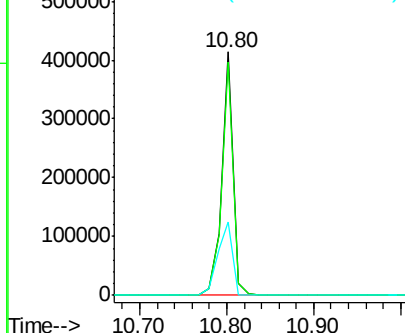
#41
 2,4,6-Tribromophenol
 Concen: 133.66 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB88680TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	39.4	35.0	52.6

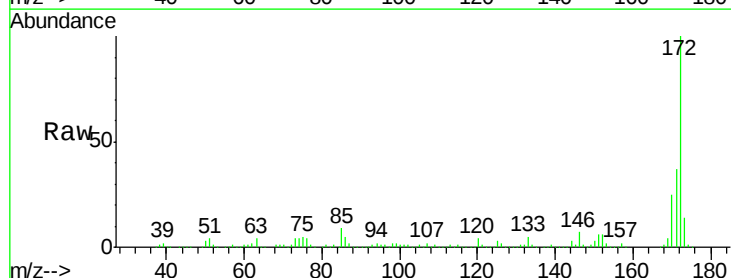


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

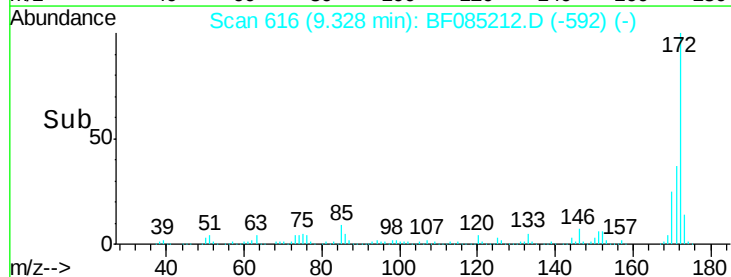
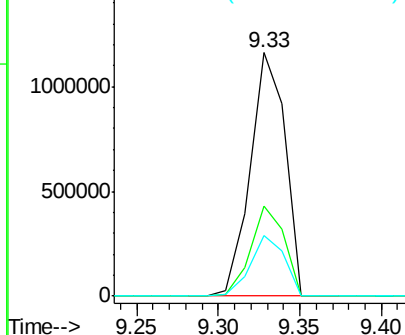


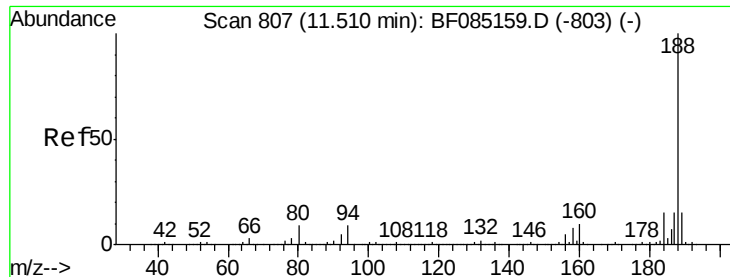
#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	25.0	20.0	30.0



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

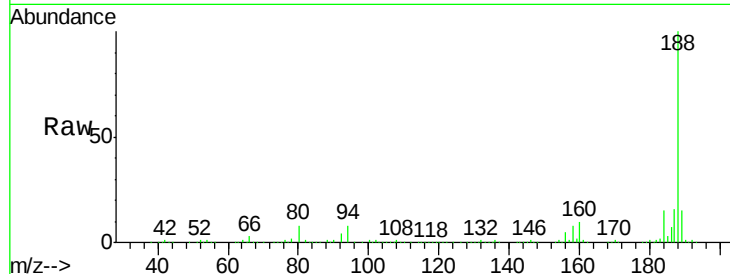




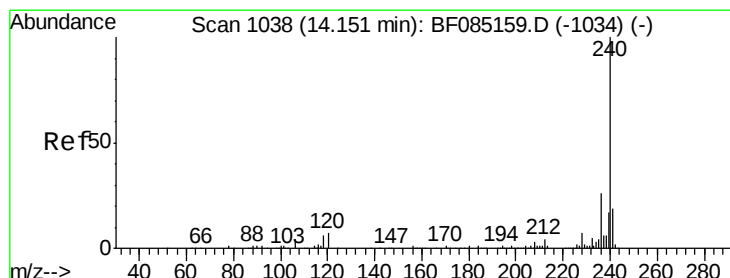
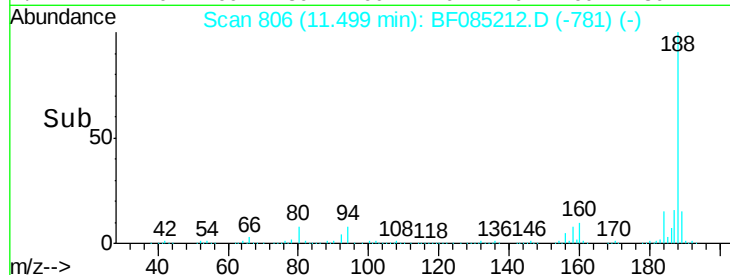
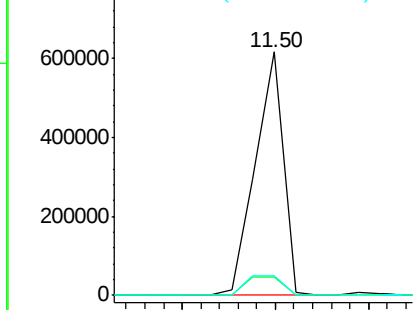
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88680TB

Tot Ion:188 Resp: 639805
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.1 7.4 11.0

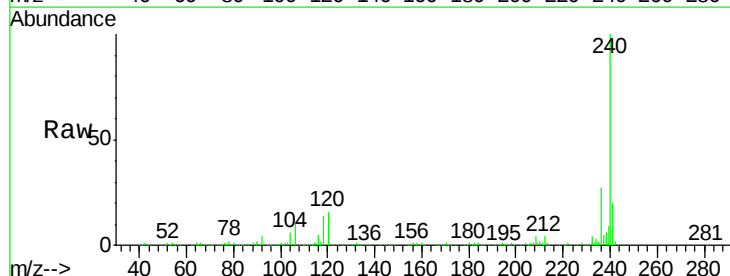


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

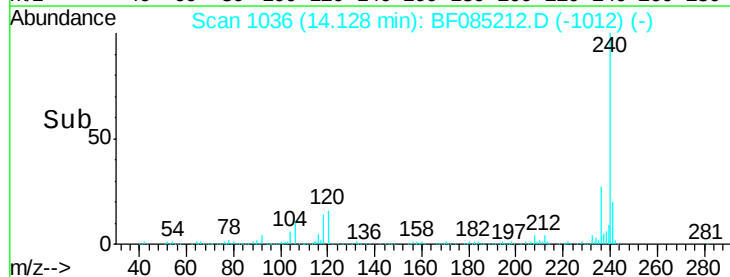
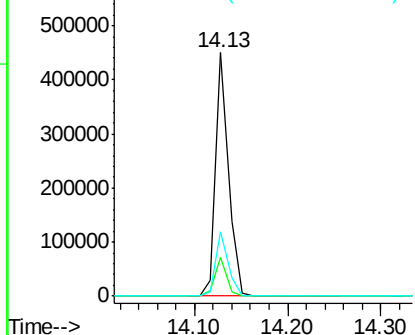


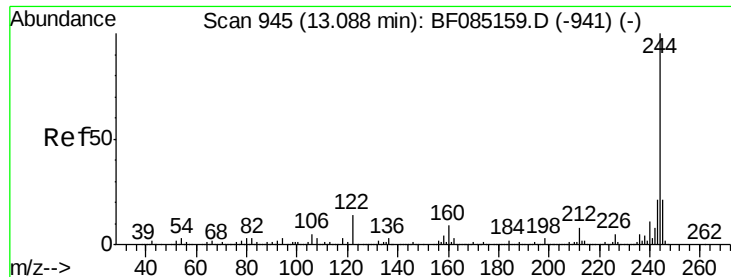
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Tgt Ion:240 Resp: 430998
Ion Ratio Lower Upper
240 100
120 16.1 5.3 7.9#
236 26.5 20.7 31.1



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: 90.52 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

Tot Ion:244 Resp: 1680527

Ion Ratio Lower Upper

244 100

212 7.0

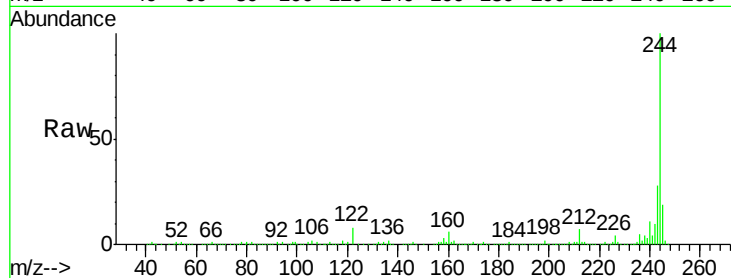
6.4

9.6

122 7.9

11.4

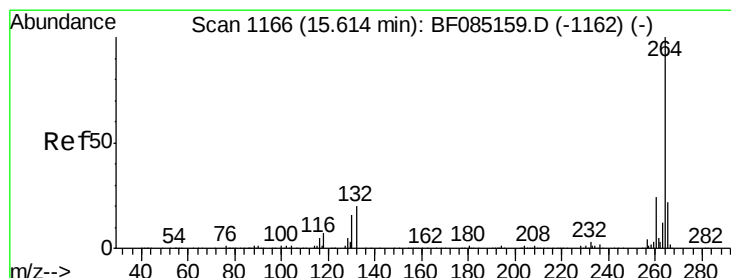
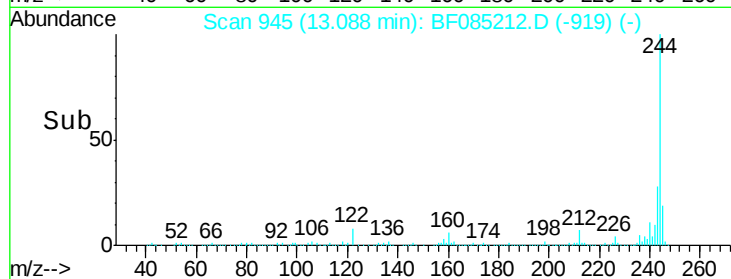
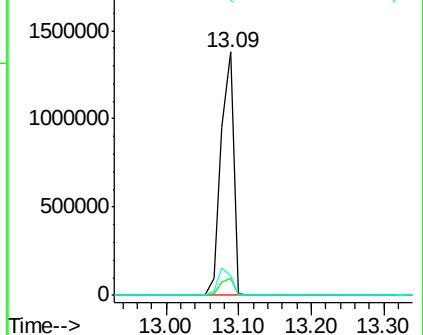
17.2#



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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Tgt Ion:264 Resp: 307630

Ion Ratio Lower Upper

264 100

260 23.1

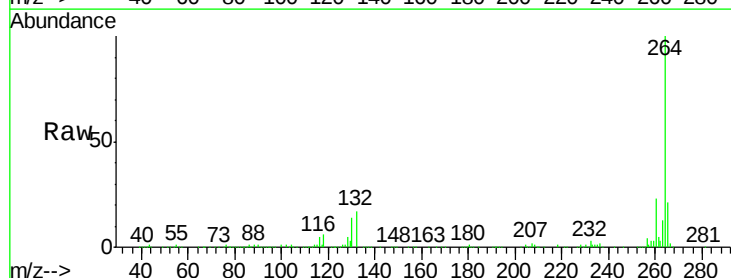
19.2

28.8

265 20.8

17.3

25.9



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

