

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085222.D
 Acq On : 5 Mar 2016 00:20
 Operator : SJ/IZ
 Sample : H1663-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

Quant Time: Mar 05 02:18:27 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	158331	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	653556	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	300393	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	561931	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	394740	20.00	ng	-0.02
86) Perylene-d12	15.60	264	270599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	530738	56.23	ng	-0.01
7) Phenol-d6	6.58	99	466564	37.73	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1028397	84.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	289262	112.54	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1693372	85.73	ng	-0.02
78) Terphenyl-d14	13.09	244	1686857	99.20	ng	0.00

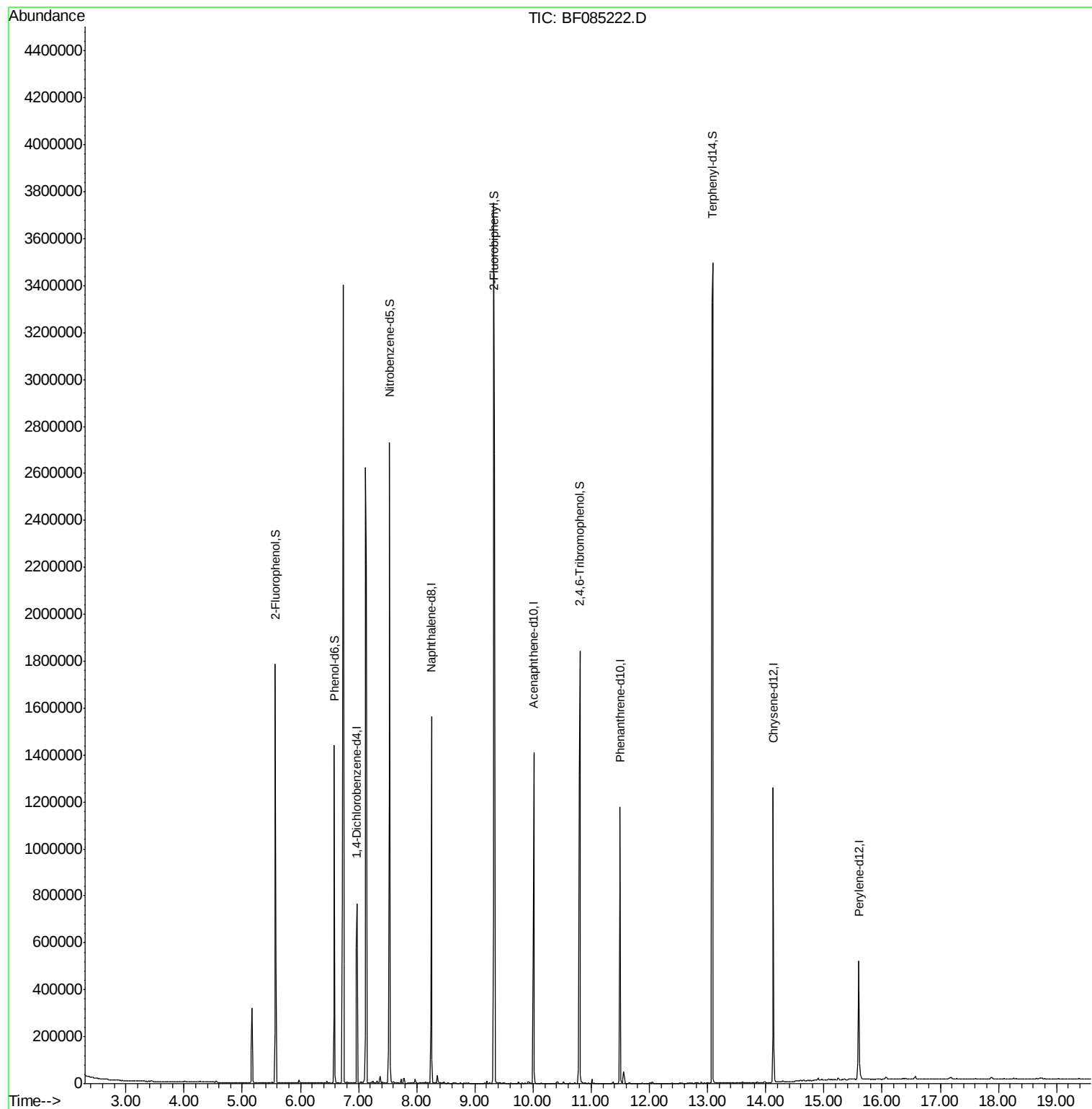
Target Compounds Qvalue

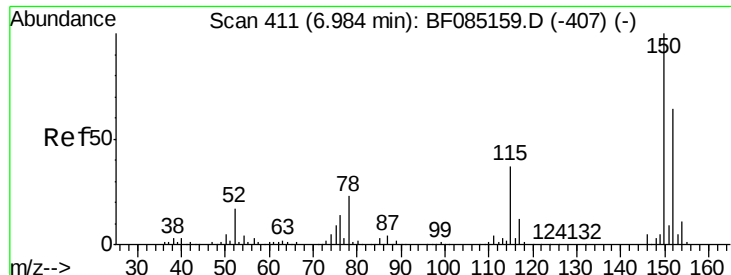
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

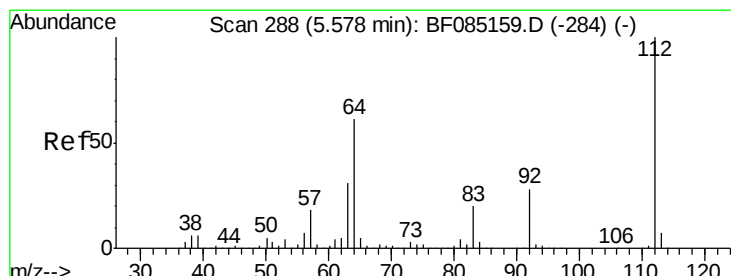
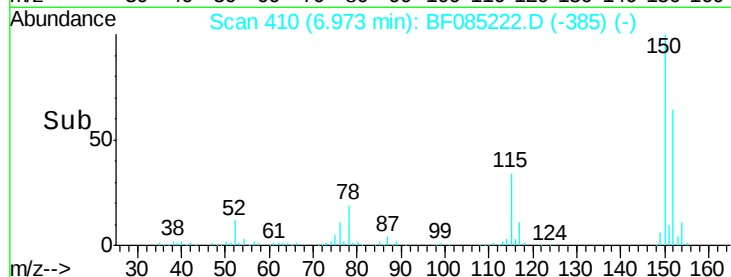
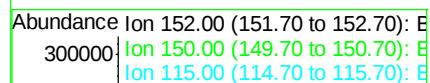
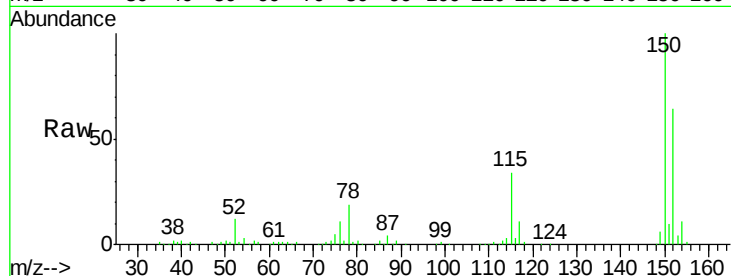
Tot Ion:152 Resp: 158331

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

115 53.3 46.6 70.0



#5

2-Fluorophenol

Concen: 56.23 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

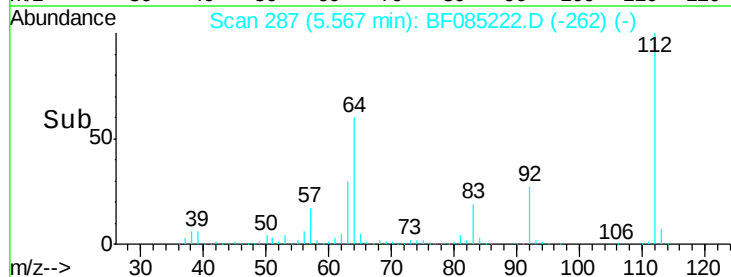
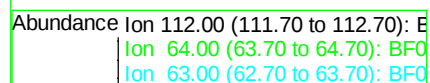
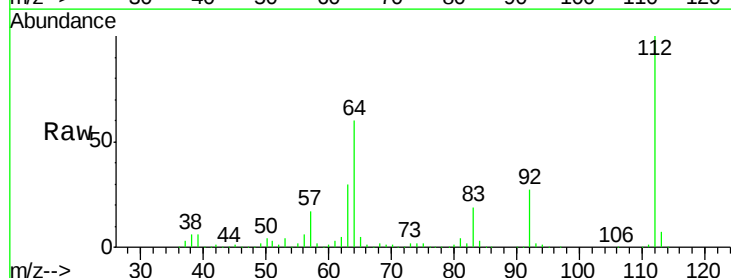
Tgt Ion:112 Resp: 530738

Ion Ratio Lower Upper

112 100

64 59.6 49.0 73.4

63 29.6 24.8 37.2





#7

Phenol-d6

Concen: 37.73 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

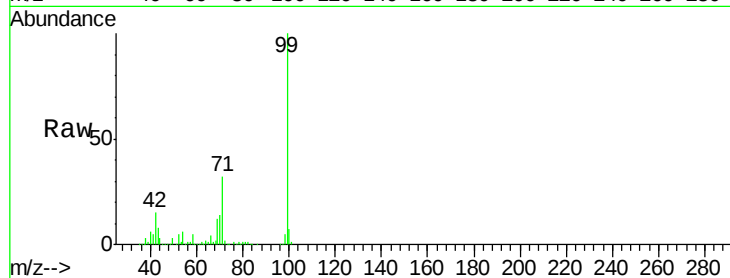
Tot Ion: 99 Resp: 466564

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

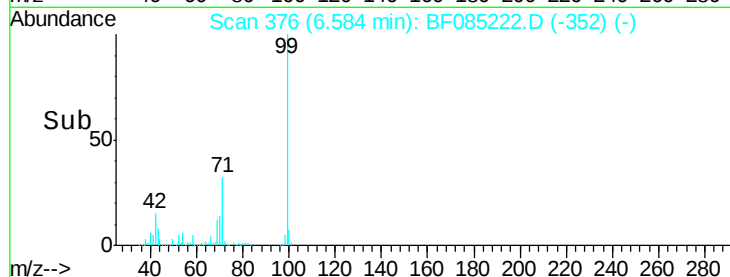
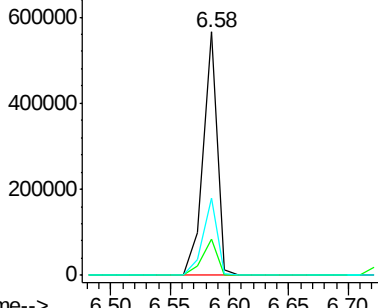
71 31.5 26.7 40.1



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: BF085222.D

Acq: 5 Mar 2016 00:20

Tgt Ion: 136 Resp: 653556

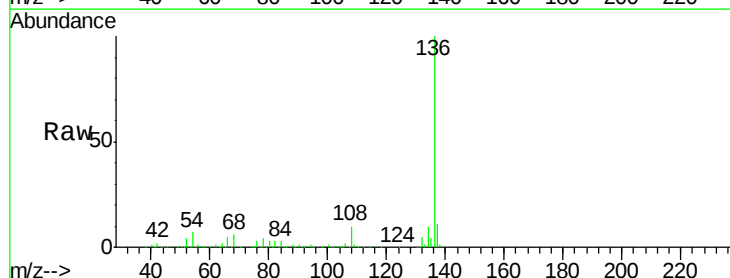
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.4 7.4 11.2#

68 6.3 6.0 9.0

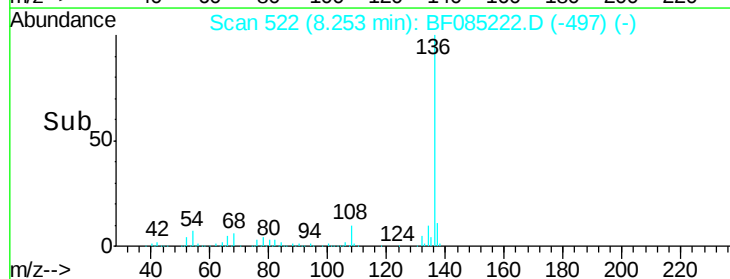
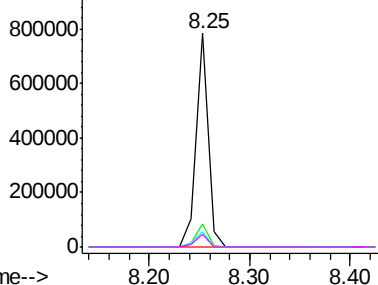


Abundance Ion 136.00 (135.70 to 136.70): E

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

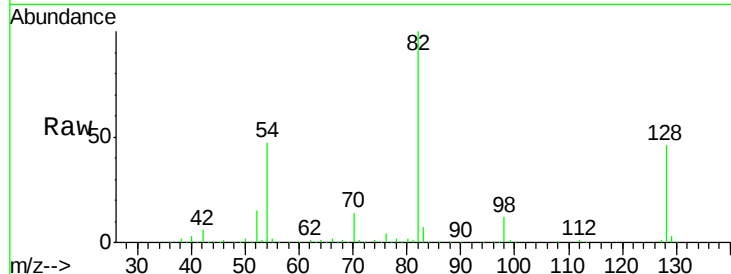




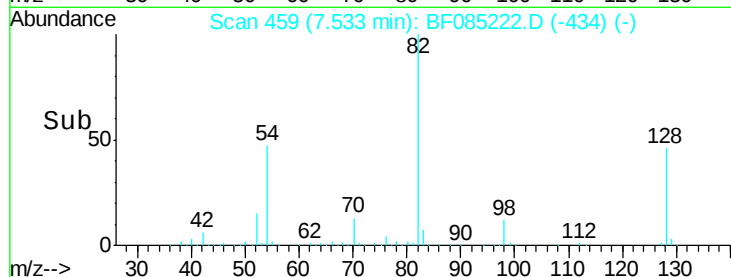
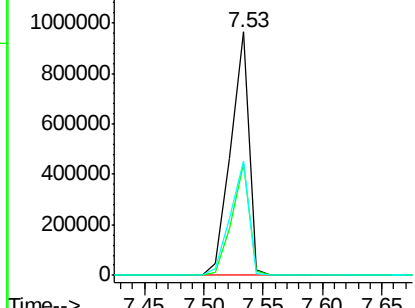
#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-2-16

Tot Ion: 82 Resp: 1028397
Ion Ratio Lower Upper
82 100
128 45.8 34.5 51.7
54 46.8 39.3 58.9

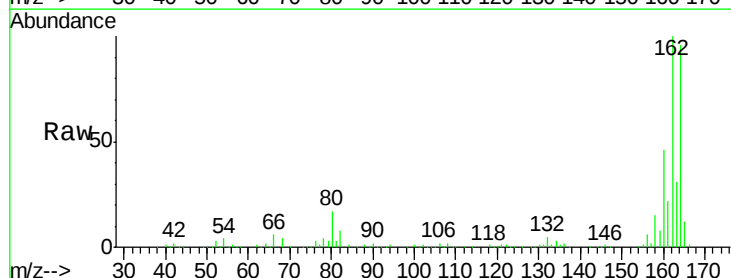


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

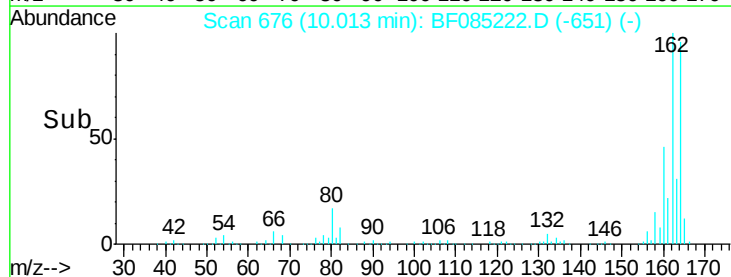
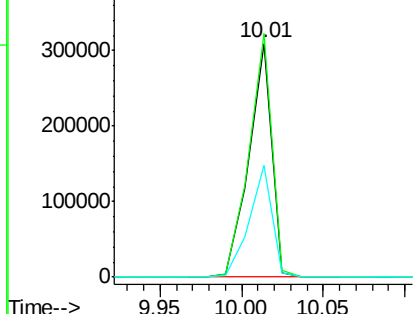


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Tgt Ion: 164 Resp: 300393
Ion Ratio Lower Upper
164 100
162 104.2 83.3 124.9
160 47.7 37.9 56.9



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

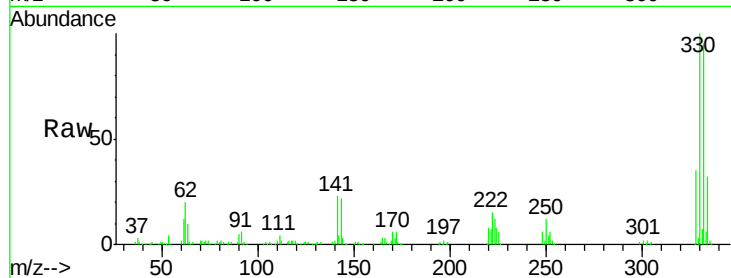




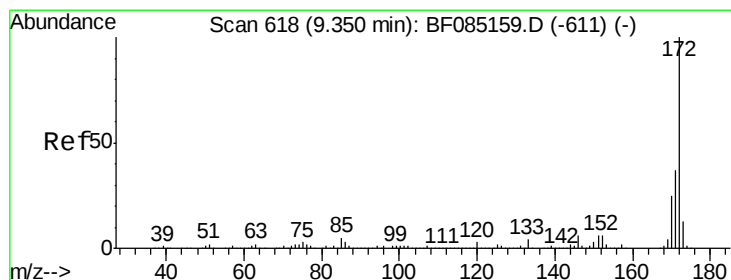
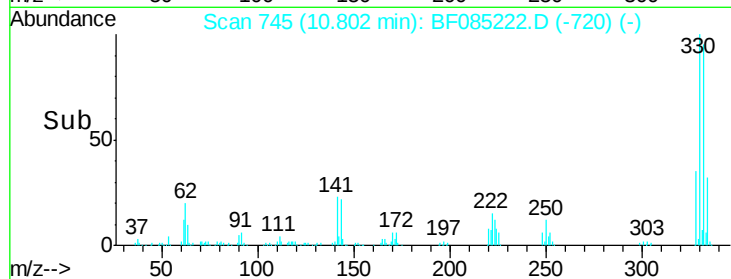
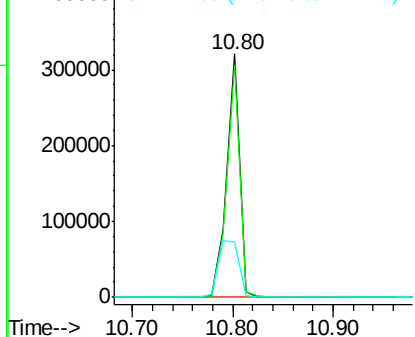
#41
 2,4,6-Tribromophenol
 Concen: 112.54 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-2-16

Tot Ion:330 Resp: 289262
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 36.1 35.0 52.6

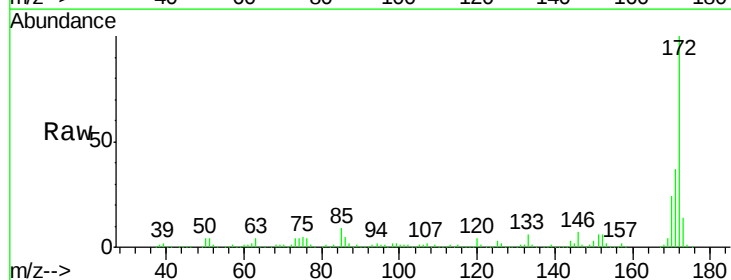


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

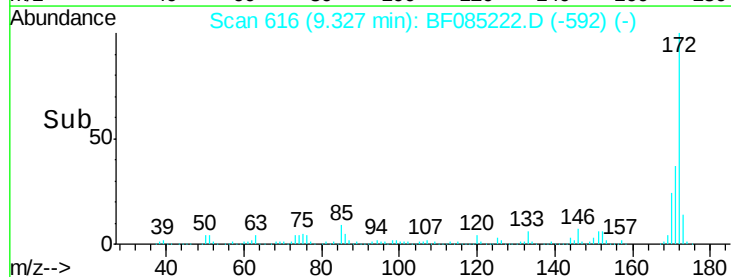
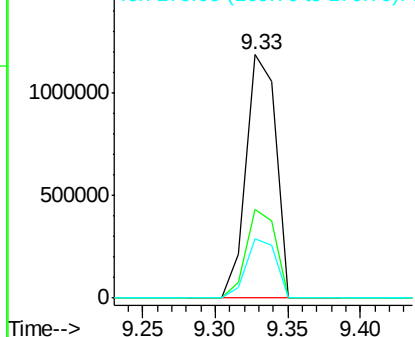


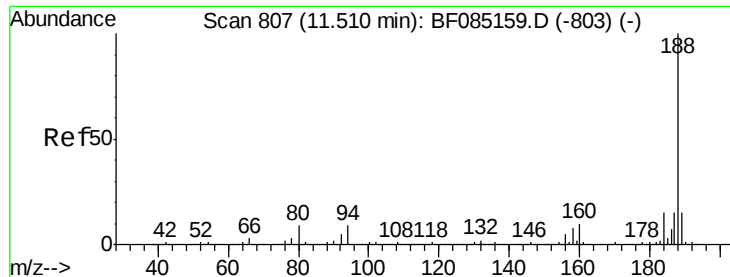
#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085222.D
 Acq: 5 Mar 2016 00:20

Tgt Ion:172 Resp: 1693372
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.3 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

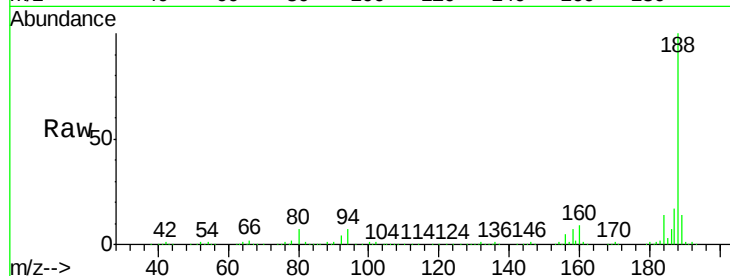




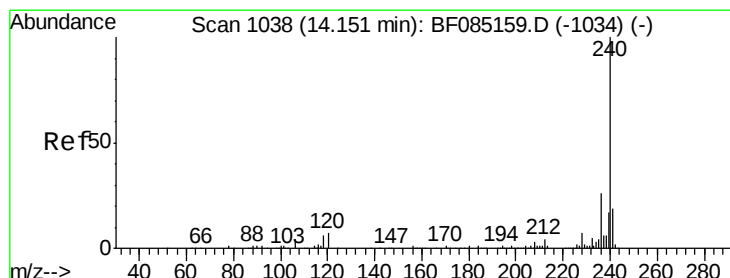
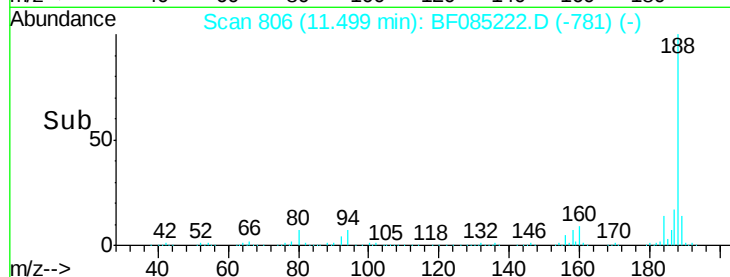
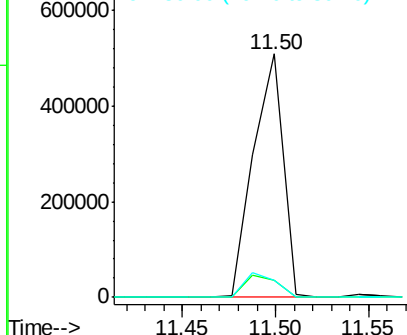
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-2-16

Tot Ion:188 Resp: 561931
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 6.8 7.4 11.0#

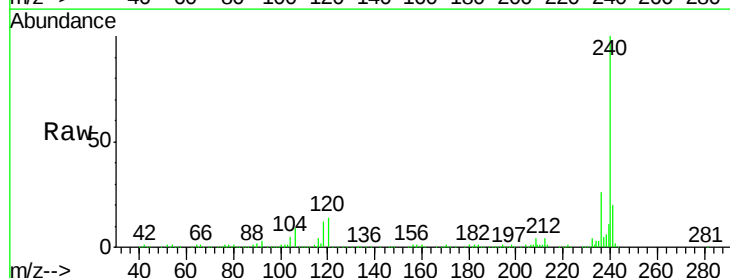


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

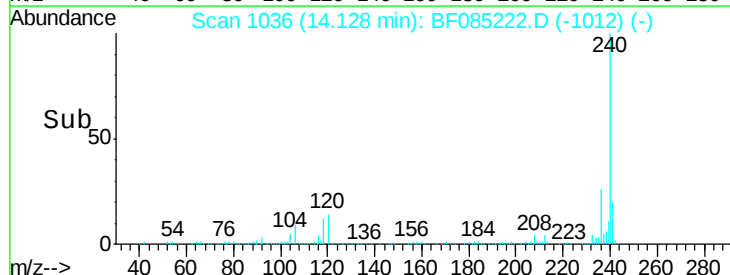
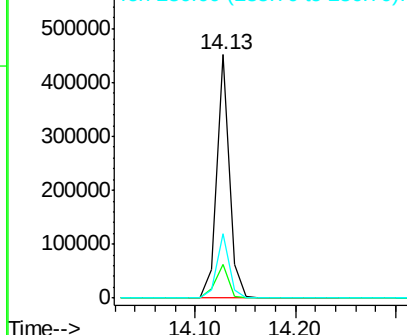


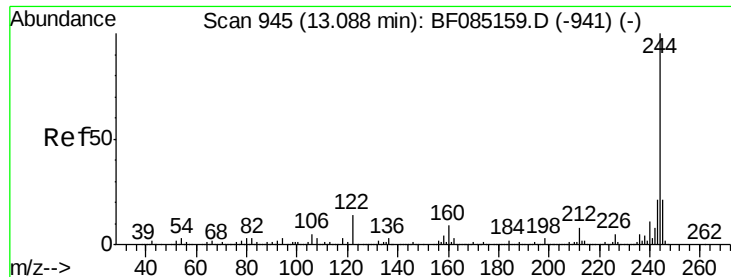
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085222.D
Acq: 5 Mar 2016 00:20

Tgt Ion:240 Resp: 394740
Ion Ratio Lower Upper
240 100
120 13.8 5.3 7.9#
236 26.3 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: 99.20 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085222.D

Acq: 5 Mar 2016 00:20

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-2-16

Tot Ion:244 Resp: 1686857

Ion Ratio Lower Upper

244 100

212 6.8

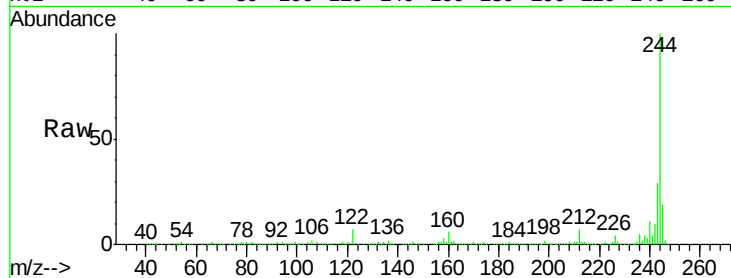
6.4

9.6

122 7.2

11.4

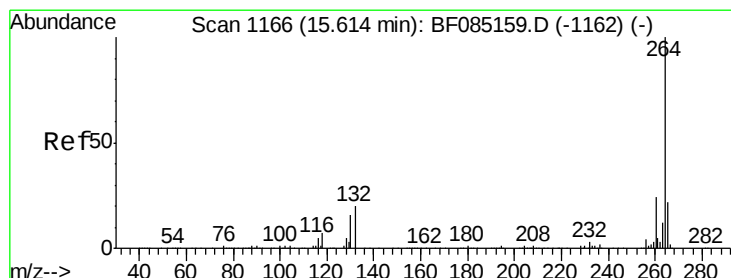
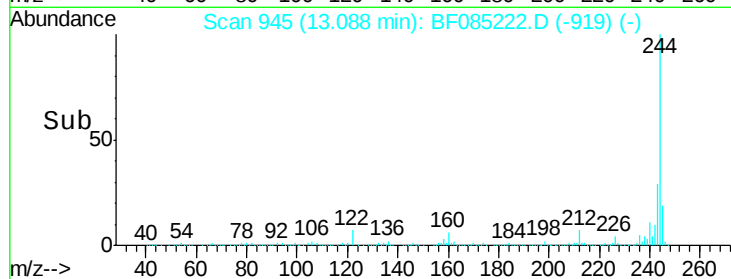
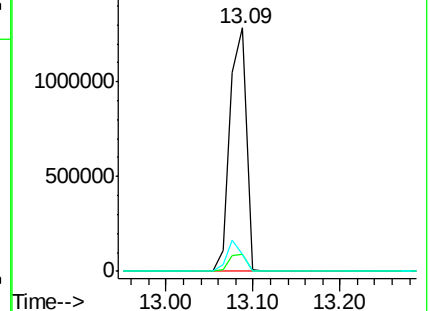
17.2#



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: BF085222.D

Acq: 5 Mar 2016 00:20

Tgt Ion:264 Resp: 270599

Ion Ratio Lower Upper

264 100

260 23.9

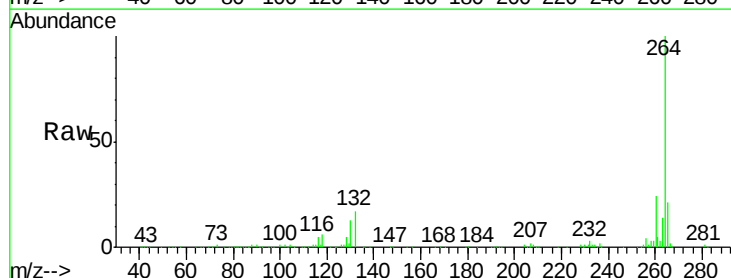
19.2

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

