

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085192.D
 Acq On : 4 Mar 2016 7:55
 Operator : SJ/UM
 Sample : H1661-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Quant Time: Mar 04 13:45:09 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

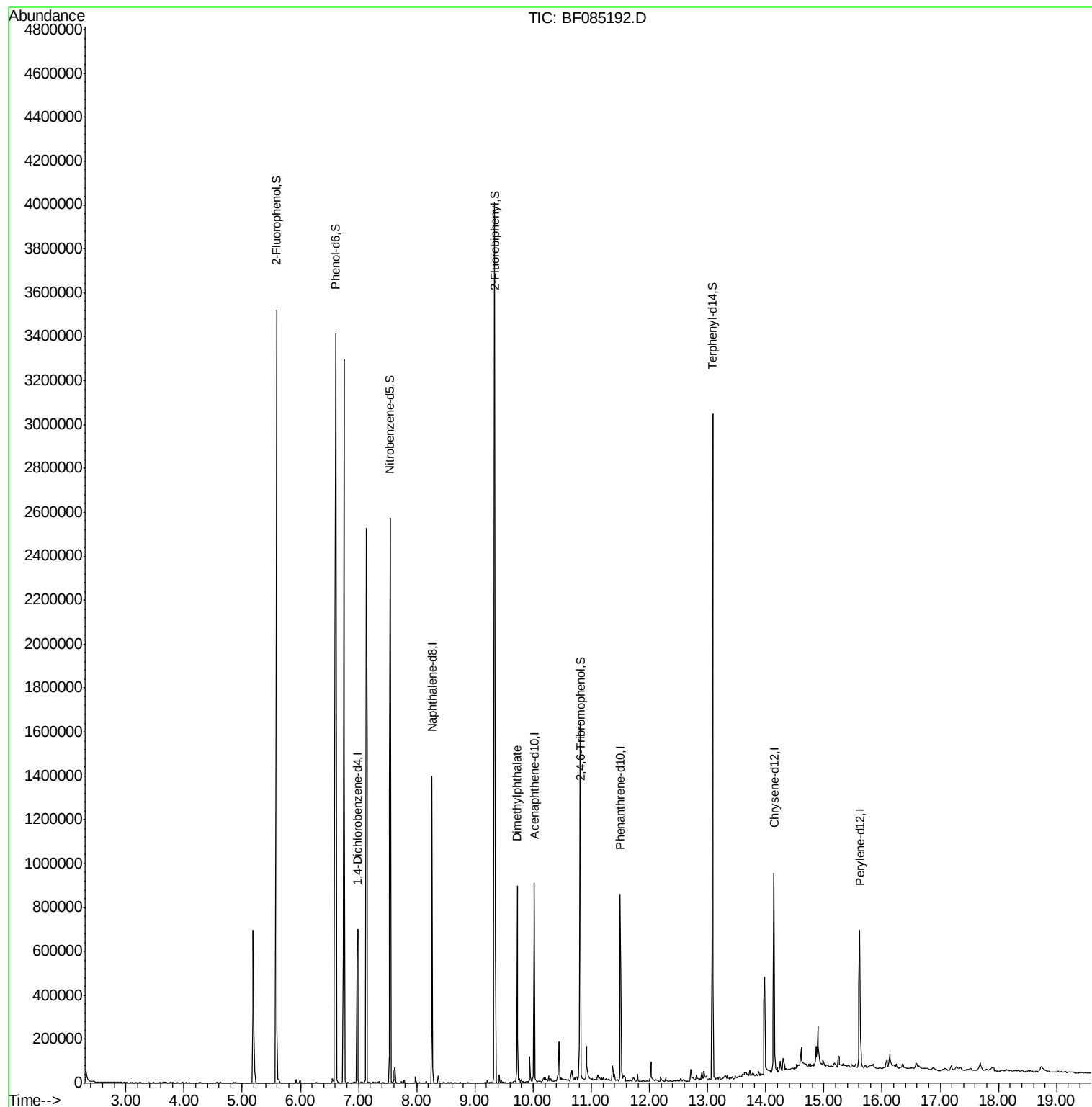
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145172	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	586267	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	239133	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	381046	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	286673	20.00	ng	-0.01
86) Perylene-d12	15.61	264	283557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1060712	122.56	ng	0.01
7) Phenol-d6	6.61	99	1515912	133.69	ng	0.00
23) Nitrobenzene-d5	7.54	82	982267	89.66	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	263310	128.68	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1209284	76.91	ng	-0.01
78) Terphenyl-d14	13.09	244	891906	72.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	343660	18.72	ng	Qvalue 99

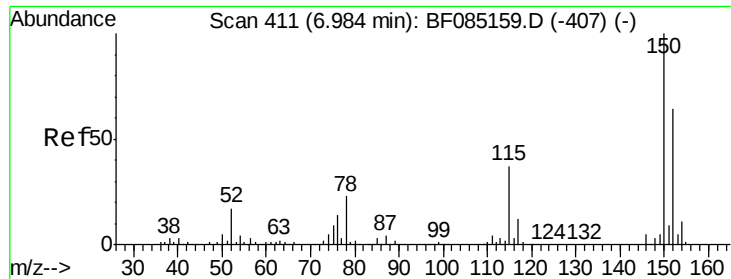
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

Instrument :

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ClientSampleId :

SB-46-COMP

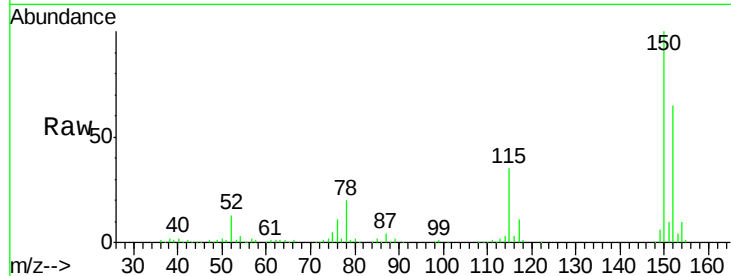
Tgt Ion:152 Resp: 145172

Ion Ratio Lower Upper

152 100

150 152.8 124.6 186.8

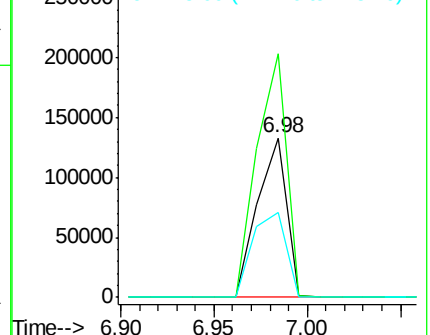
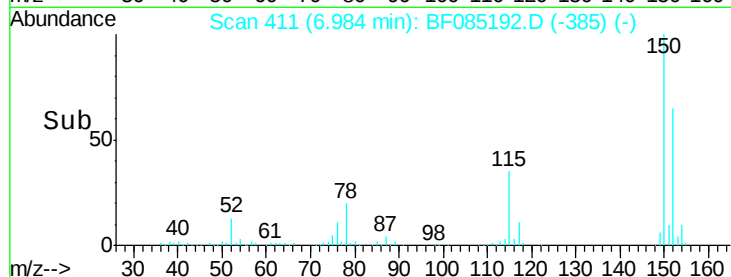
115 53.6 46.6 70.0



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: 122.56 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

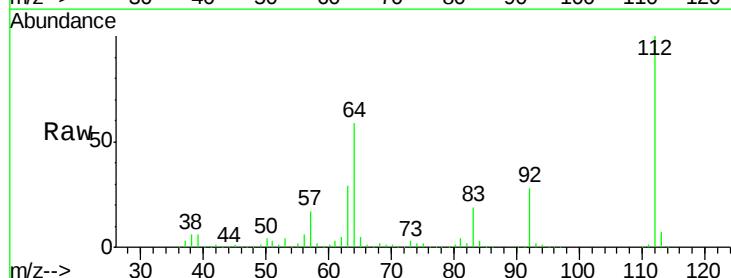
Tgt Ion:112 Resp: 1060712

Ion Ratio Lower Upper

112 100

64 59.0 49.0 73.4

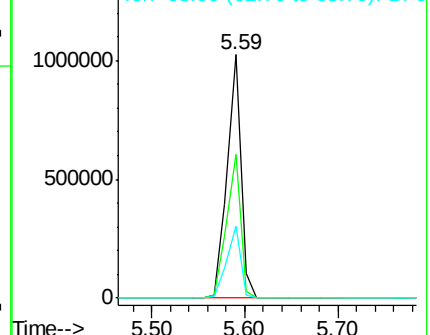
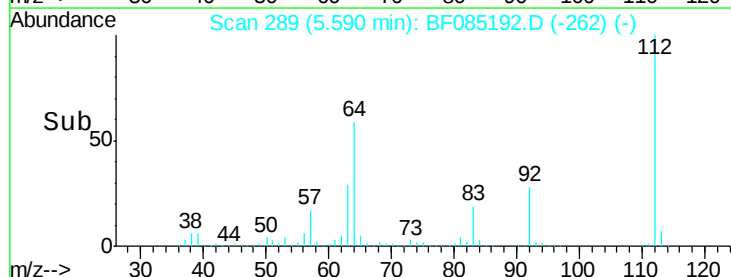
63 29.4 24.8 37.2



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: 133.69 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

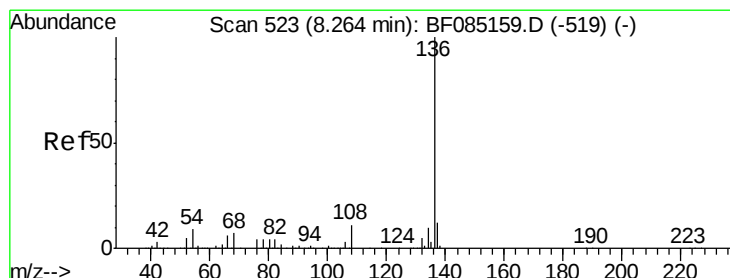
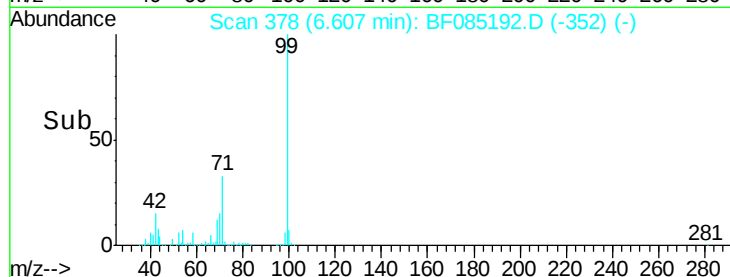
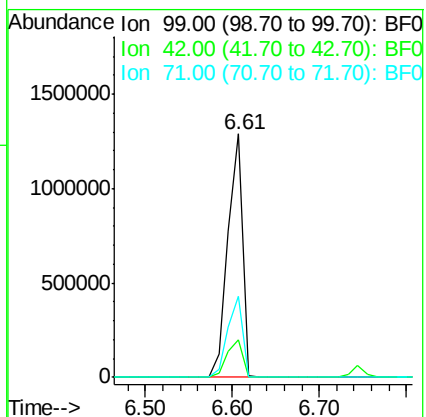
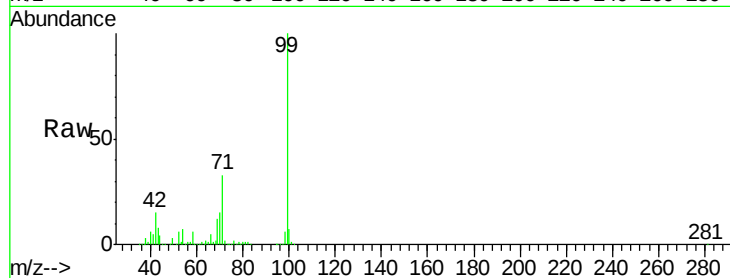
Tgt Ion: 99 Resp: 1515912

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 33.3 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

Tgt Ion: 136 Resp: 586267

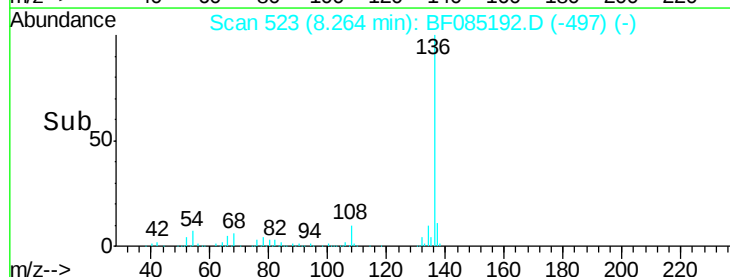
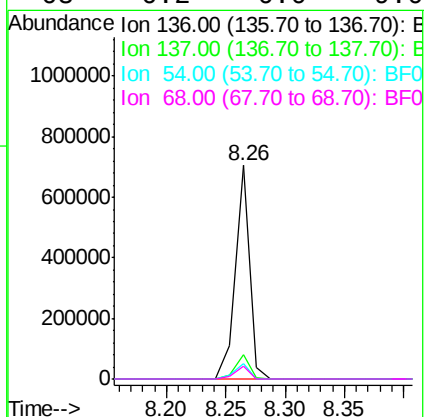
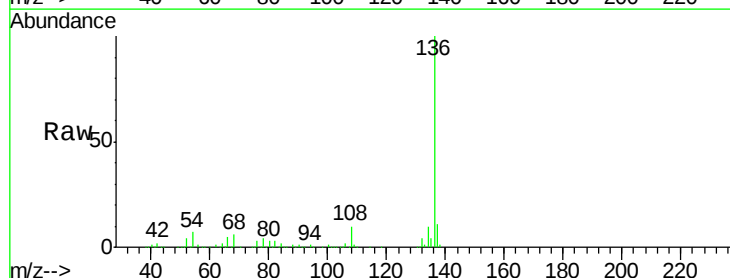
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.1 7.4 11.2#

68 6.2 6.0 9.0

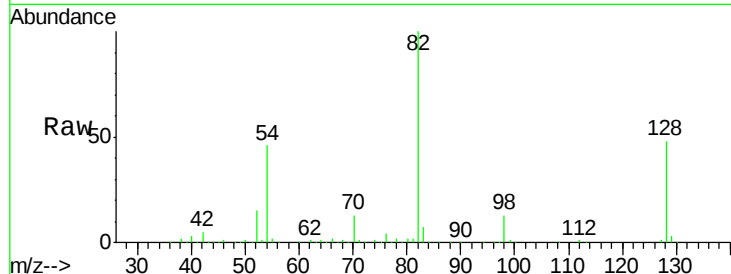




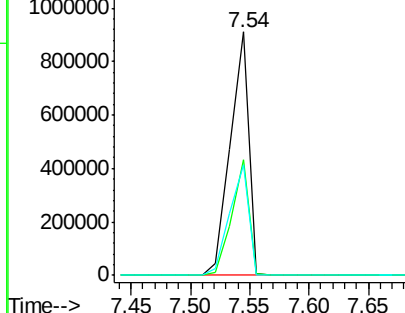
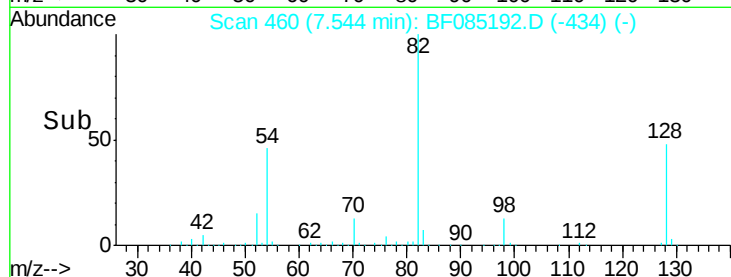
#23
 Nitrobenzene-d5
 Concen: 89.66 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085192.D
 Acq: 4 Mar 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.5	51.7
54	45.6	39.3	58.9

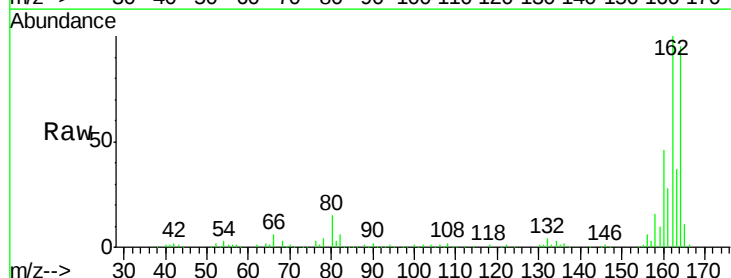


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

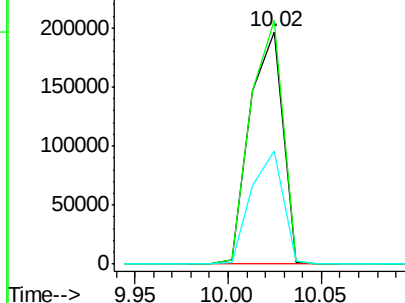
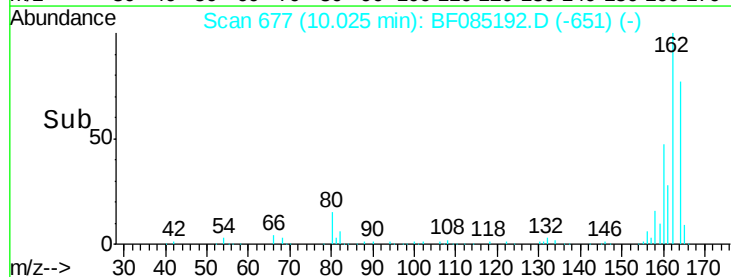


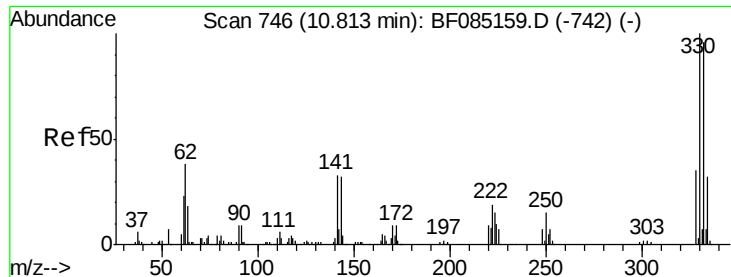
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF085192.D
 Acq: 4 Mar 2016 7:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.3	124.9
160	48.5	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

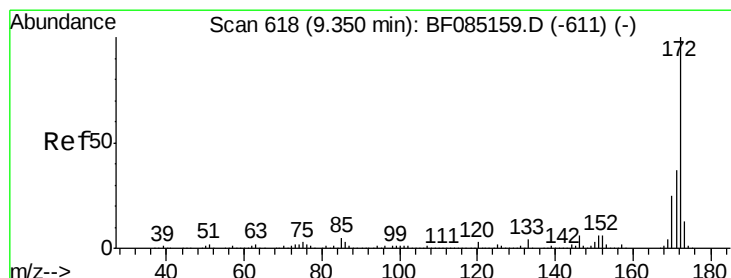
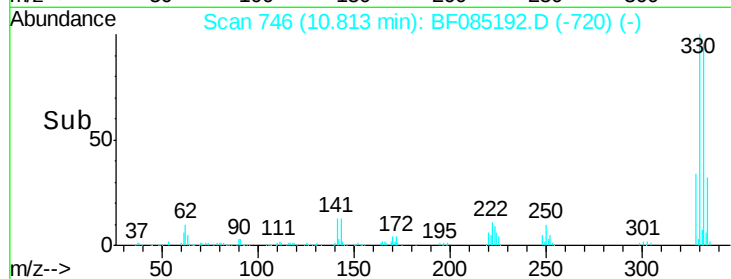
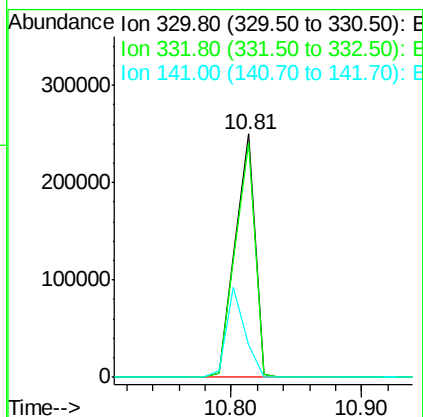
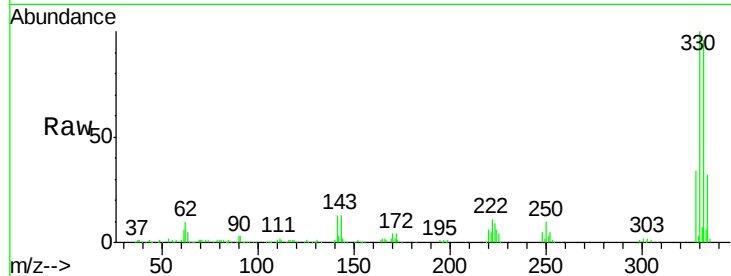




#41
 2,4,6-Tribromophenol
 Concen: 128.68 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085192.D
 Acq: 4 Mar 2016 7:55

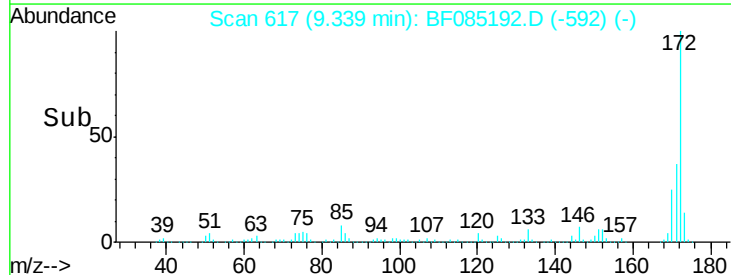
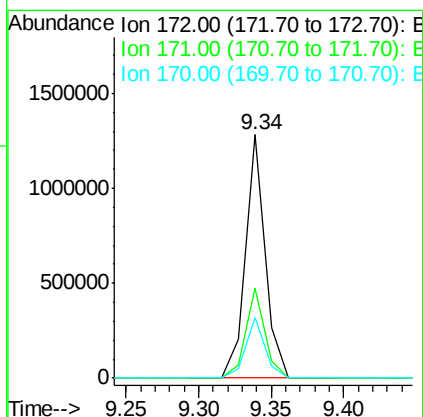
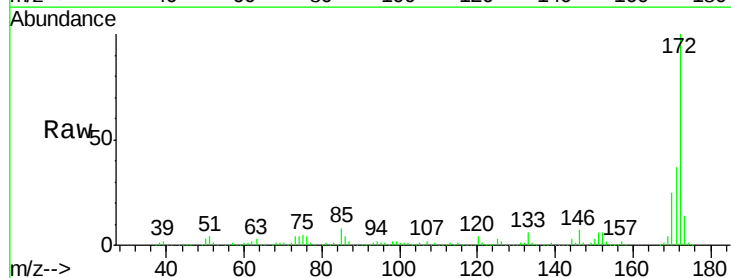
Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

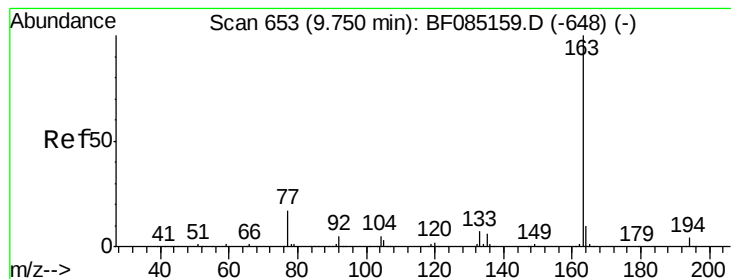
Tgt Ion:330 Resp: 263310
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 35.1 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 76.91 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085192.D
 Acq: 4 Mar 2016 7:55

Tgt Ion:172 Resp: 1209284
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.3 43.9
 170 24.9 20.0 30.0





#49

Dimethylphthalate

Concen: 18.72 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

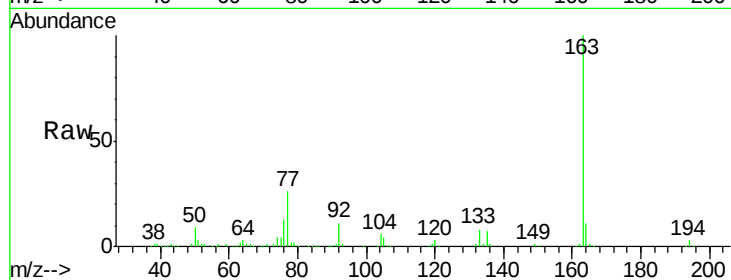
Tgt Ion:163 Resp: 343660

Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

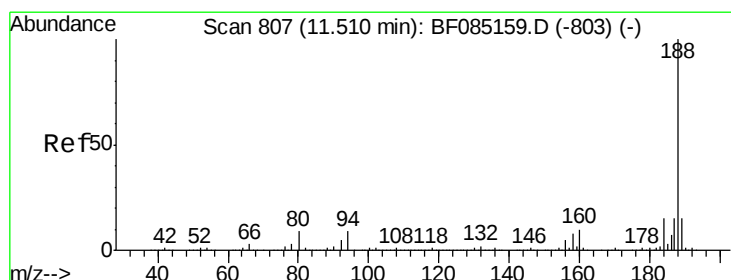
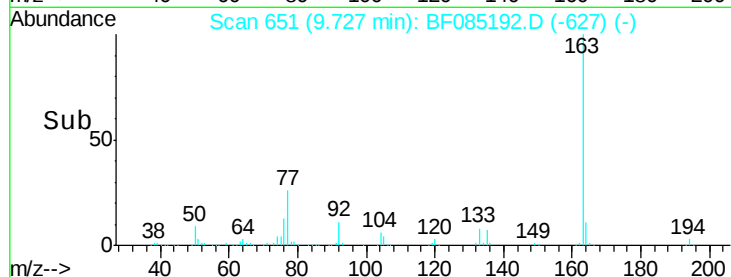
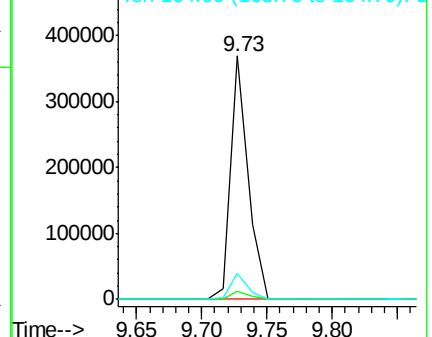
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

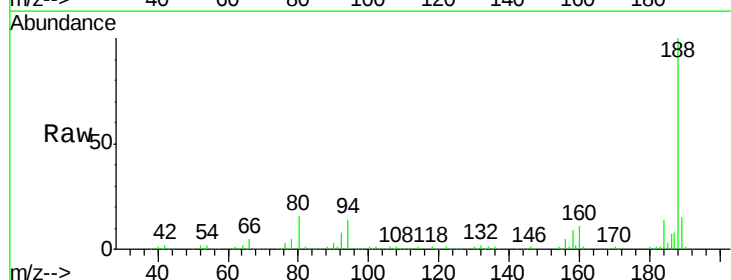
Tgt Ion:188 Resp: 381046

Ion Ratio Lower Upper

188 100

94 13.7 7.0 10.6#

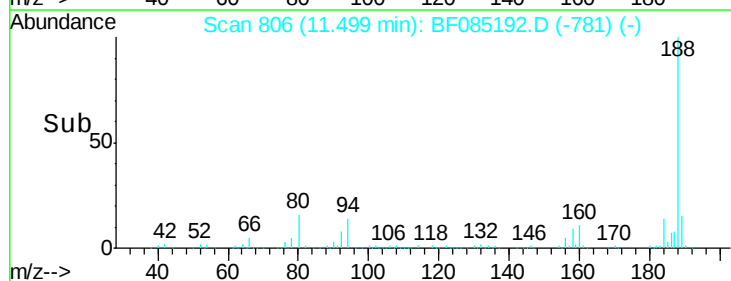
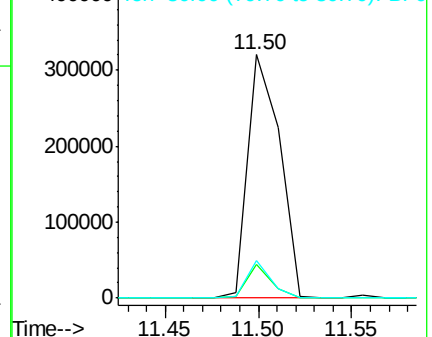
80 15.6 7.4 11.0#

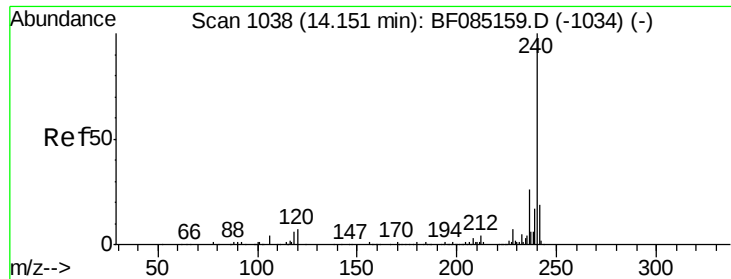


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

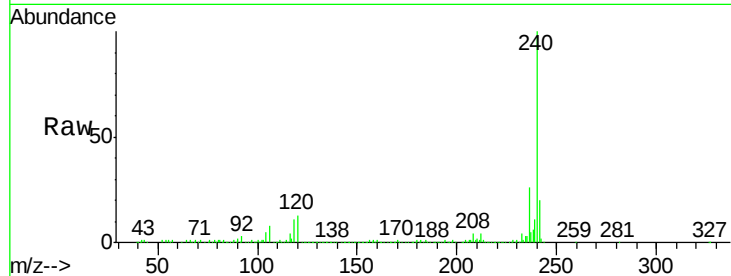
Tgt Ion:240 Resp: 286673

Ion Ratio Lower Upper

240 100

120 12.8 5.3 7.9#

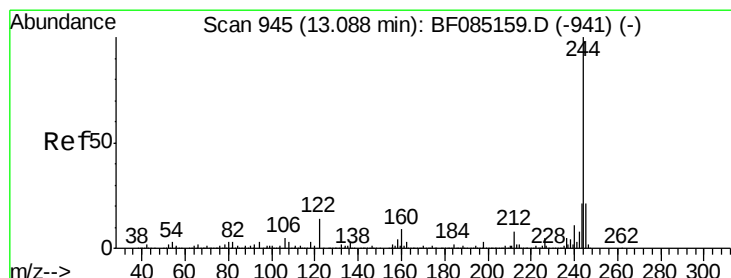
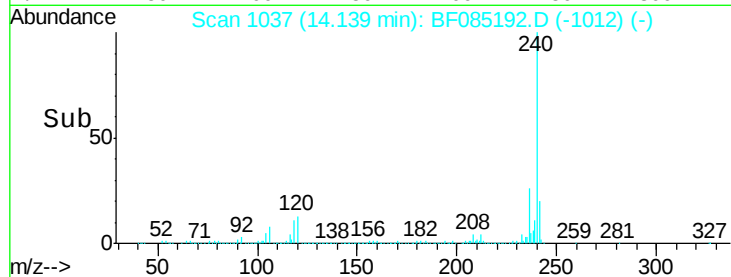
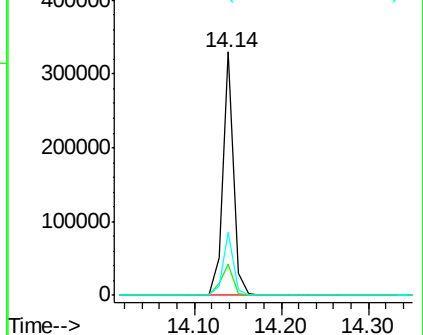
236 26.0 20.7 31.1



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: 72.22 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085192.D

Acq: 4 Mar 2016 7:55

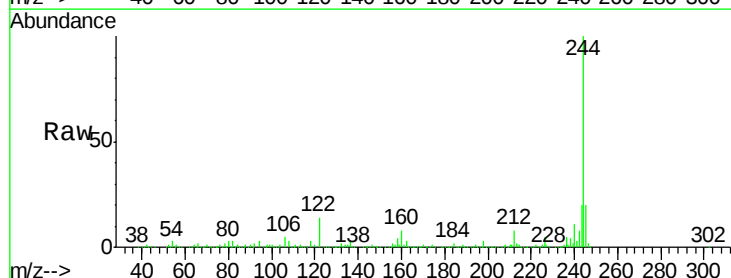
Tgt Ion:244 Resp: 891906

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

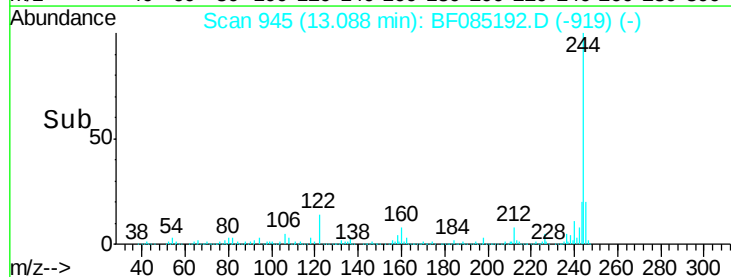
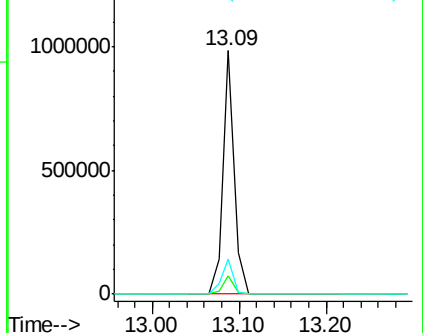
122 14.3 11.4 17.2

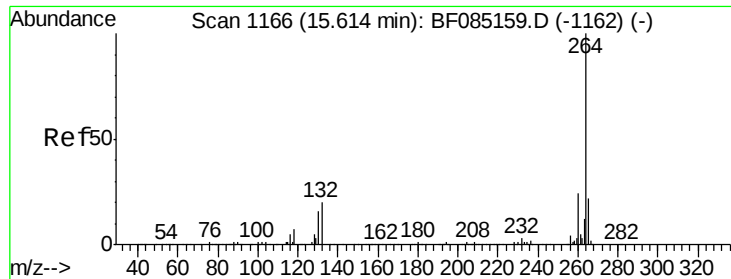


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085192.D
Acq: 4 Mar 2016 7:55

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.3	25.9

