

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085196.D
 Acq On : 4 Mar 2016 9:45
 Operator : SJ/UM
 Sample : H1661-01 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-COMP

Quant Time: Mar 04 13:55:37 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

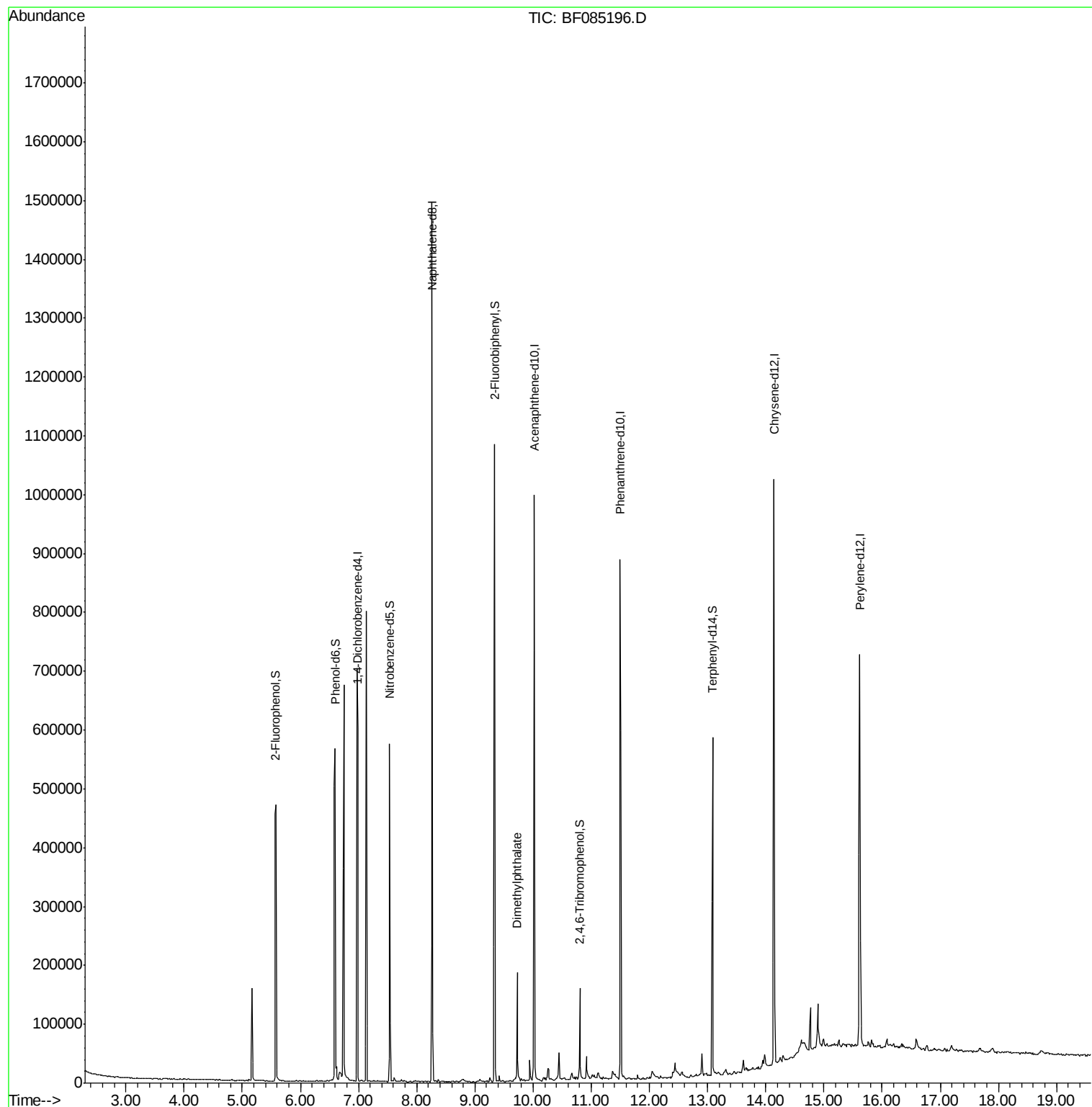
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	153263	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616650	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	258167	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	413107	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	306869	20.00	ng	-0.01
86) Perylene-d12	15.61	264	295192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	206005	22.55	ng	0.00
7) Phenol-d6	6.60	99	294481	24.60	ng	-0.01
23) Nitrobenzene-d5	7.53	82	174011	15.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	14690	6.65	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	325943	19.20	ng	-0.01
78) Terphenyl-d14	13.09	244	198081	14.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	68044	3.43	ng	Qvalue 99

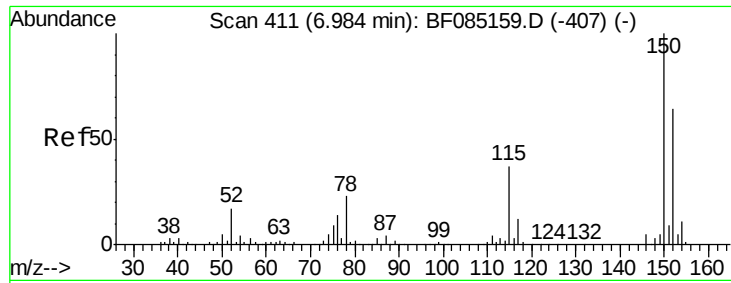
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085196.D

Acq: 4 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

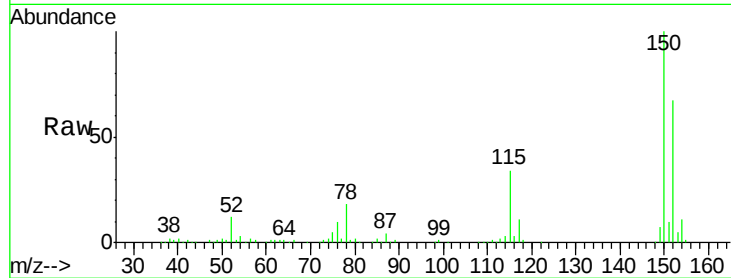
Tgt Ion:152 Resp: 153263

Ion Ratio Lower Upper

152 100

150 148.7 124.6 186.8

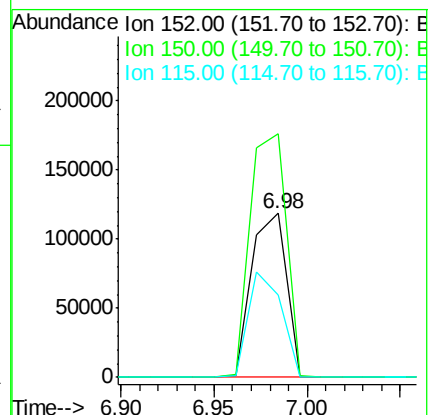
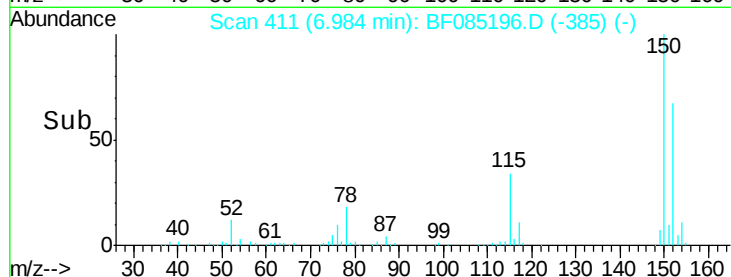
115 50.0 46.6 70.0



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: 22.55 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085196.D

Acq: 4 Mar 2016 9:45

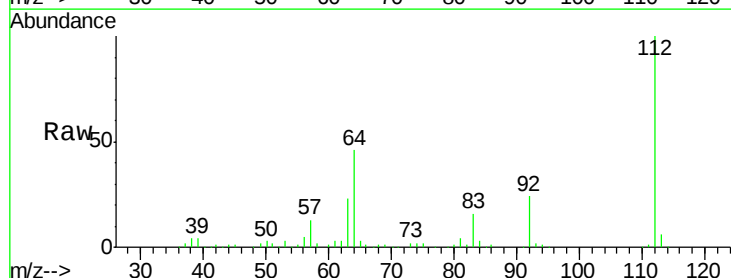
Tgt Ion:112 Resp: 206005

Ion Ratio Lower Upper

112 100

64 46.1 49.0 73.4#

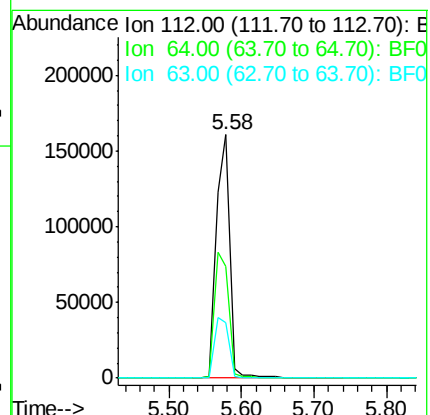
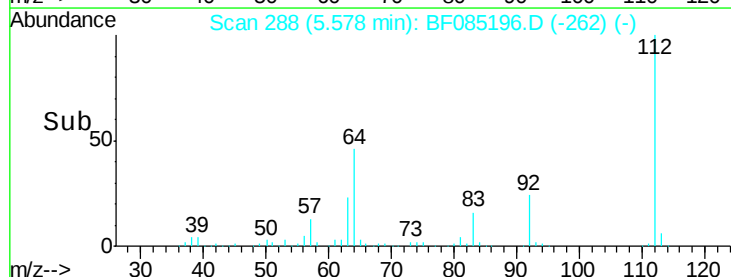
63 22.8 24.8 37.2#



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: 24.60 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085196.D

Acq: 4 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

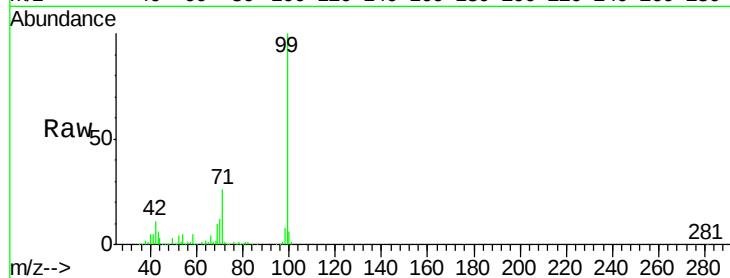
Tgt Ion: 99 Resp: 294481

Ion Ratio Lower Upper

99 100

42 11.4 13.6 20.4#

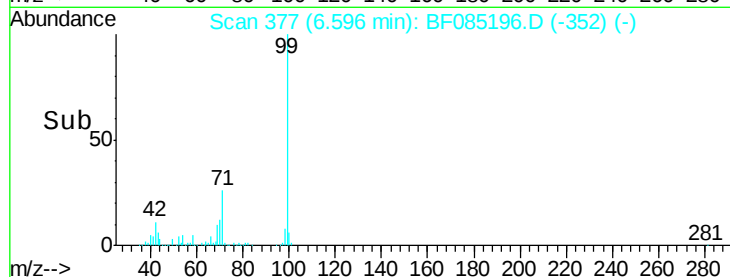
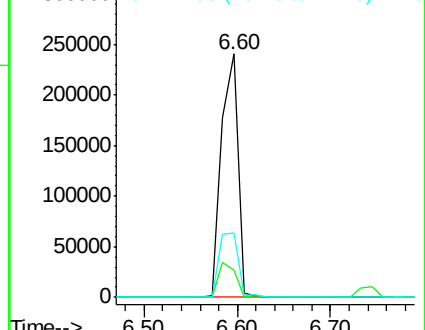
71 26.4 26.7 40.1#



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: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085196.D

Acq: 4 Mar 2016 9:45

Tgt Ion: 136 Resp: 616650

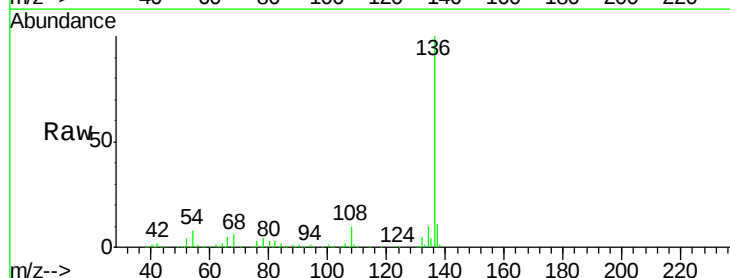
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.6 7.4 11.2

68 6.3 6.0 9.0

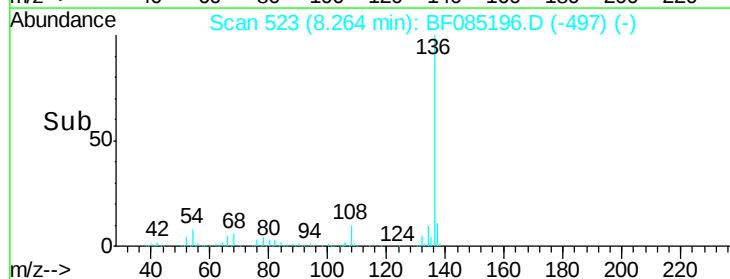
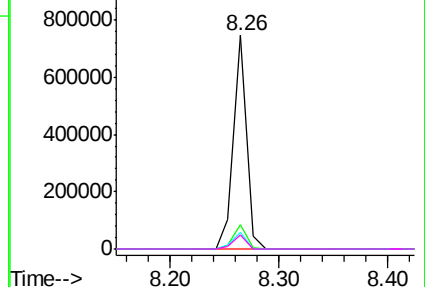


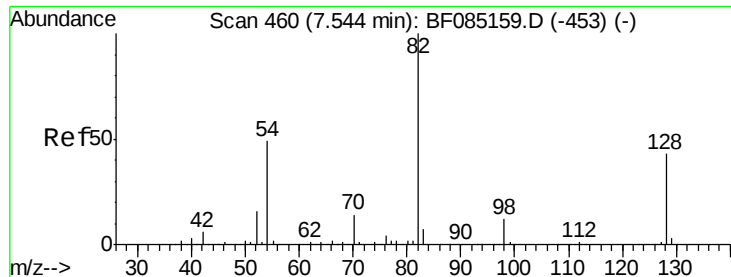
Abundance Ion 136.00 (135.70 to 136.70): E

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

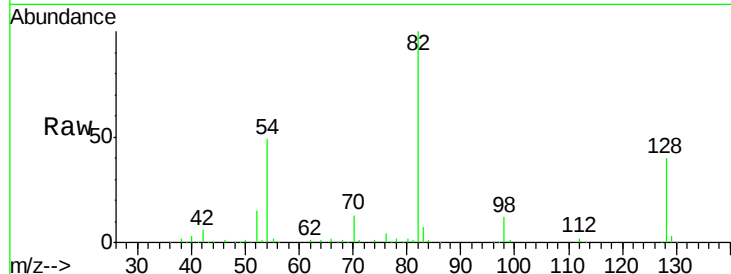




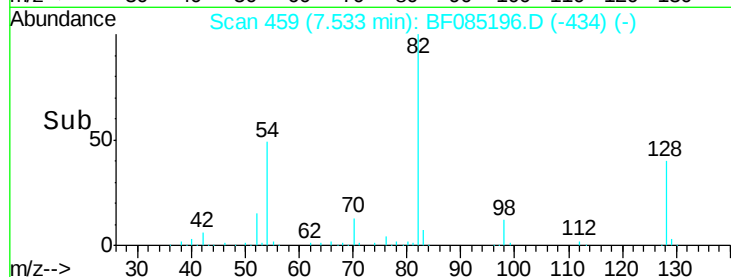
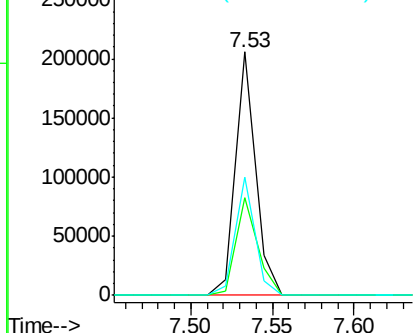
#23
 Nitrobenzene-d5
 Concen: 15.10 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085196.D
 Acq: 4 Mar 2016 9:45

Instrument :
 BNA_F
 ClientSampled :
 SB-45-COMP

Tgt Ion: 82 Resp: 174011
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.5 51.7
 54 48.7 39.3 58.9

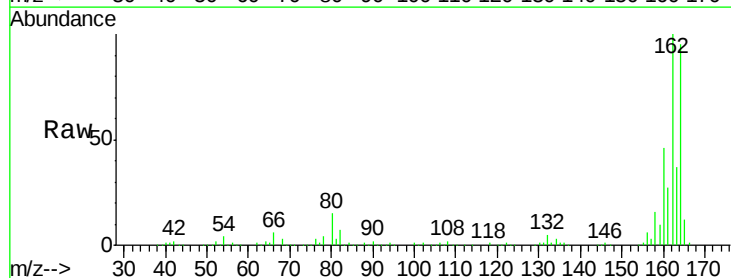


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

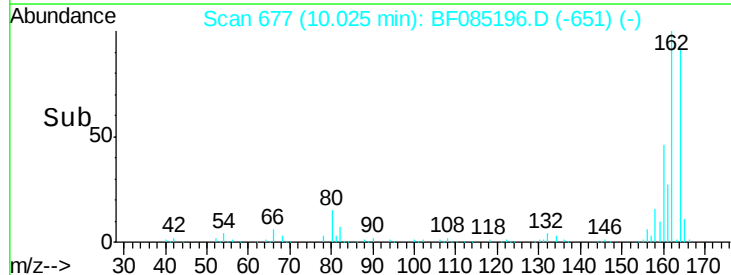
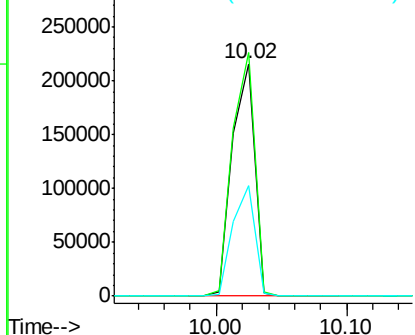


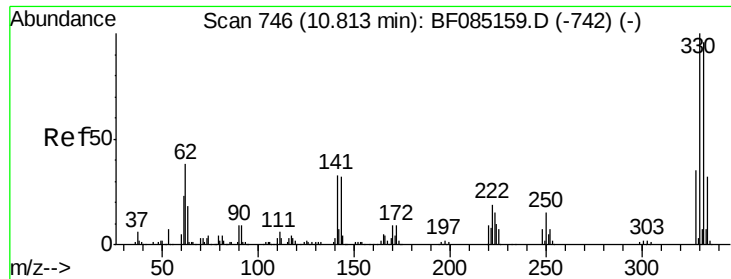
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF085196.D
 Acq: 4 Mar 2016 9:45

Tgt Ion:164 Resp: 258167
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.3 124.9
 160 47.8 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

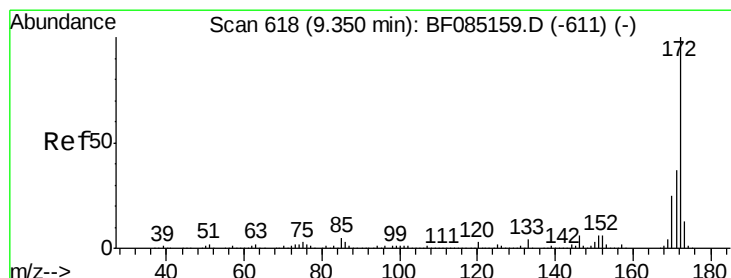
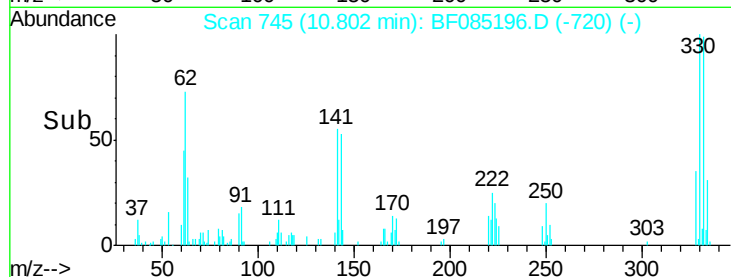
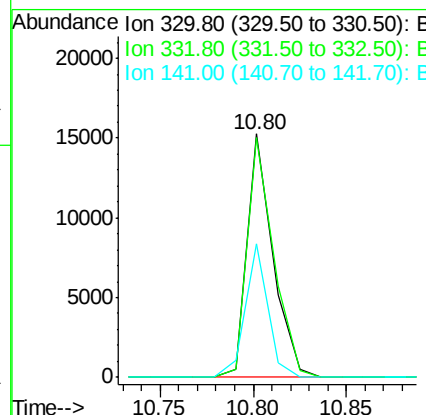
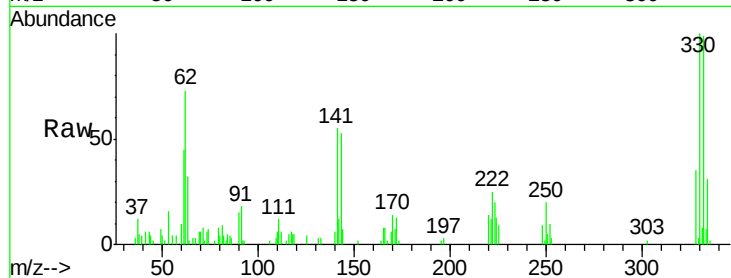




#41
 2,4,6-Tribromophenol
 Concen: 6.65 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085196.D
 Acq: 4 Mar 2016 9:45

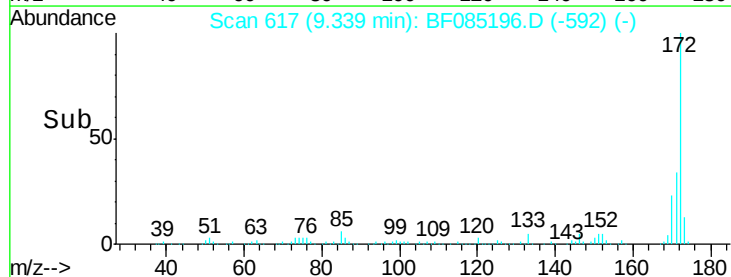
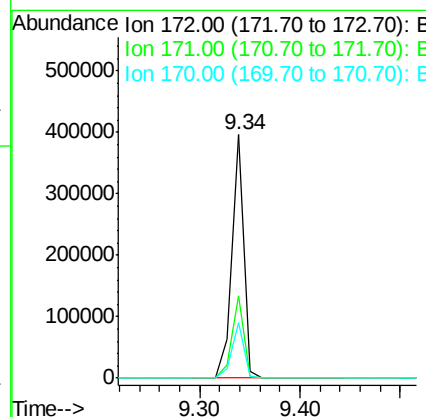
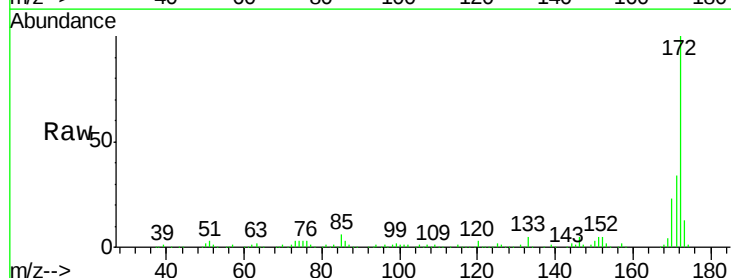
Instrument :
 BNA_F
 ClientSampleId :
 SB-45-COMP

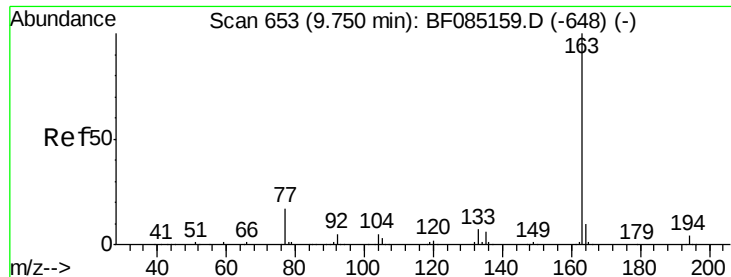
Tgt Ion:330 Resp: 14690
 Ion Ratio Lower Upper
 330 100
 332 101.1 77.1 115.7
 141 48.4 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 19.20 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085196.D
 Acq: 4 Mar 2016 9:45

Tgt Ion:172 Resp: 325943
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.3 43.9
 170 23.0 20.0 30.0





#49

Dimethylphthalate

Concen: 3.43 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085196.D

Acq: 4 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

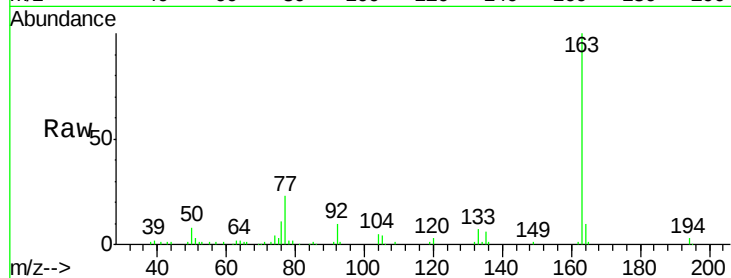
Tgt Ion:163 Resp: 68044

Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

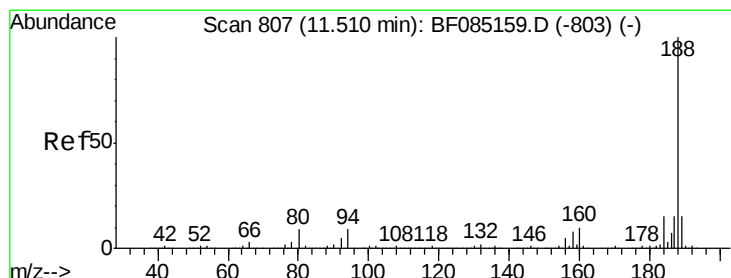
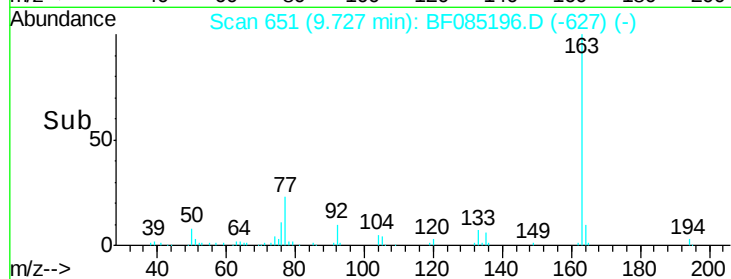
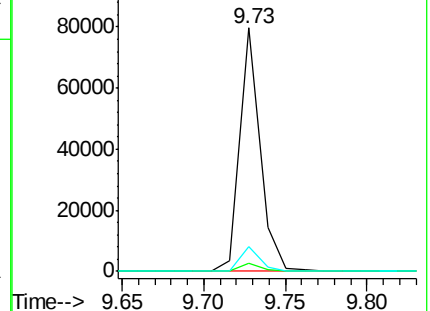
164 10.0 8.2 12.4



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: BF085196.D

Acq: 4 Mar 2016 9:45

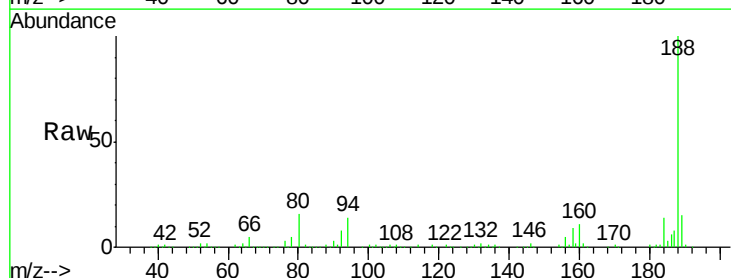
Tgt Ion:188 Resp: 413107

Ion Ratio Lower Upper

188 100

94 14.3 7.0 10.6#

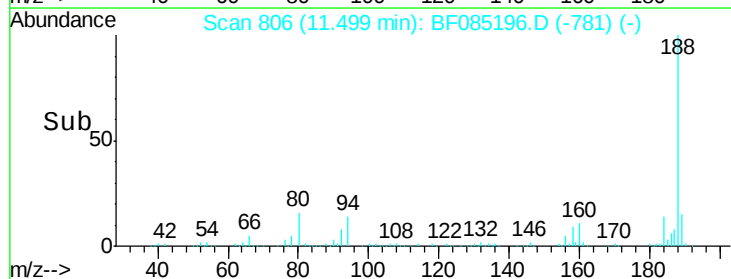
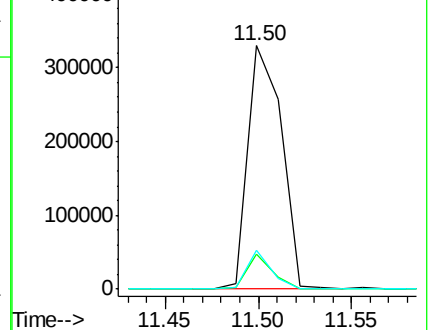
80 16.2 7.4 11.0#

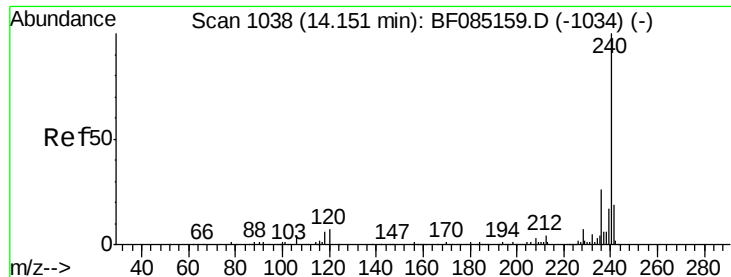


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085196.D

Acq: 4 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

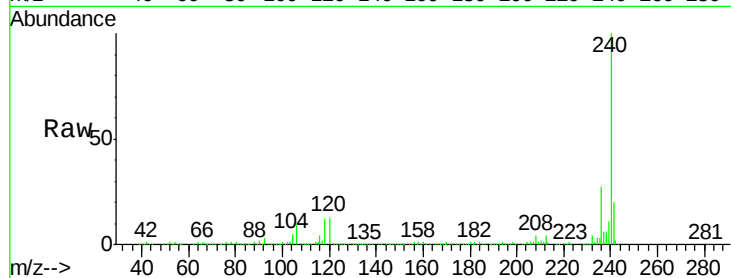
Tgt Ion:240 Resp: 306869

Ion Ratio Lower Upper

240 100

120 13.4 5.3 7.9#

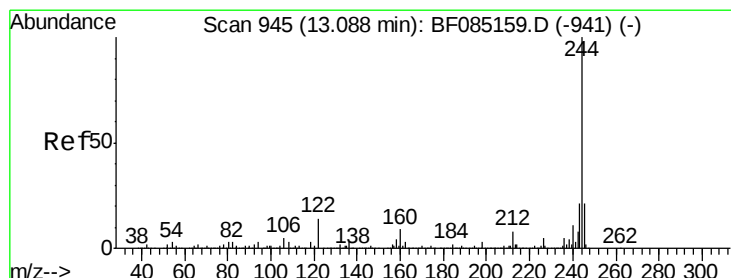
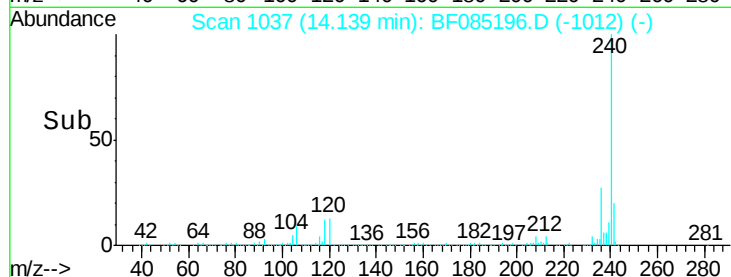
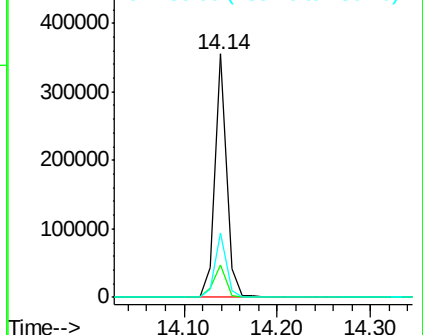
236 26.6 20.7 31.1



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: 14.98 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085196.D

Acq: 4 Mar 2016 9:45

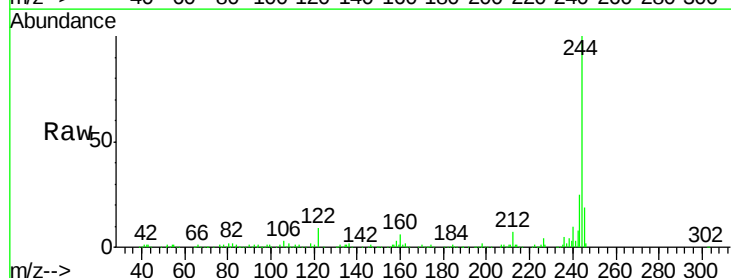
Tgt Ion:244 Resp: 198081

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

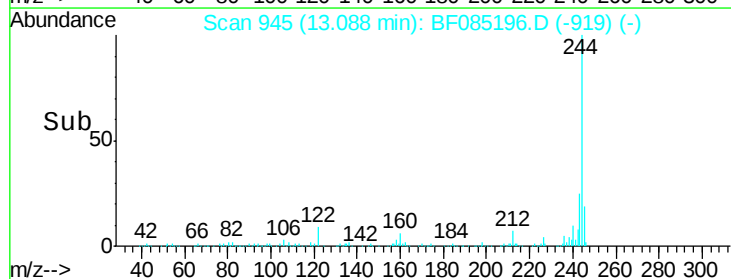
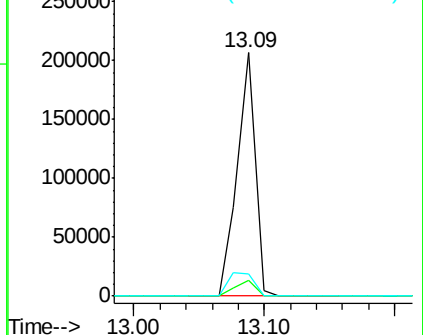
122 9.0 11.4 17.2#

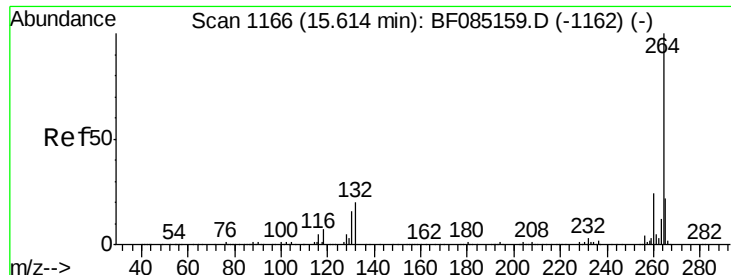


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

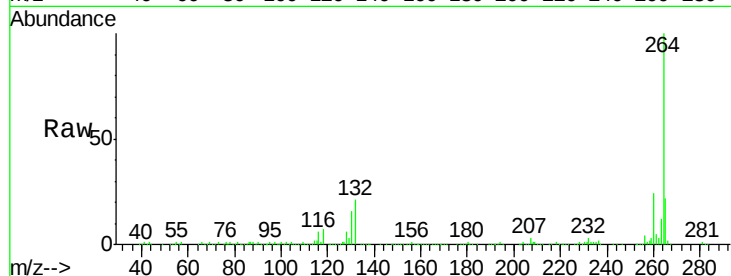




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085196.D
Acq: 4 Mar 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	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

