

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085169.D
 Acq On : 3 Mar 2016 21:15
 Operator : SJ/UM
 Sample : H1663-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41(12-13.5)

Quant Time: Mar 04 02:29:37 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

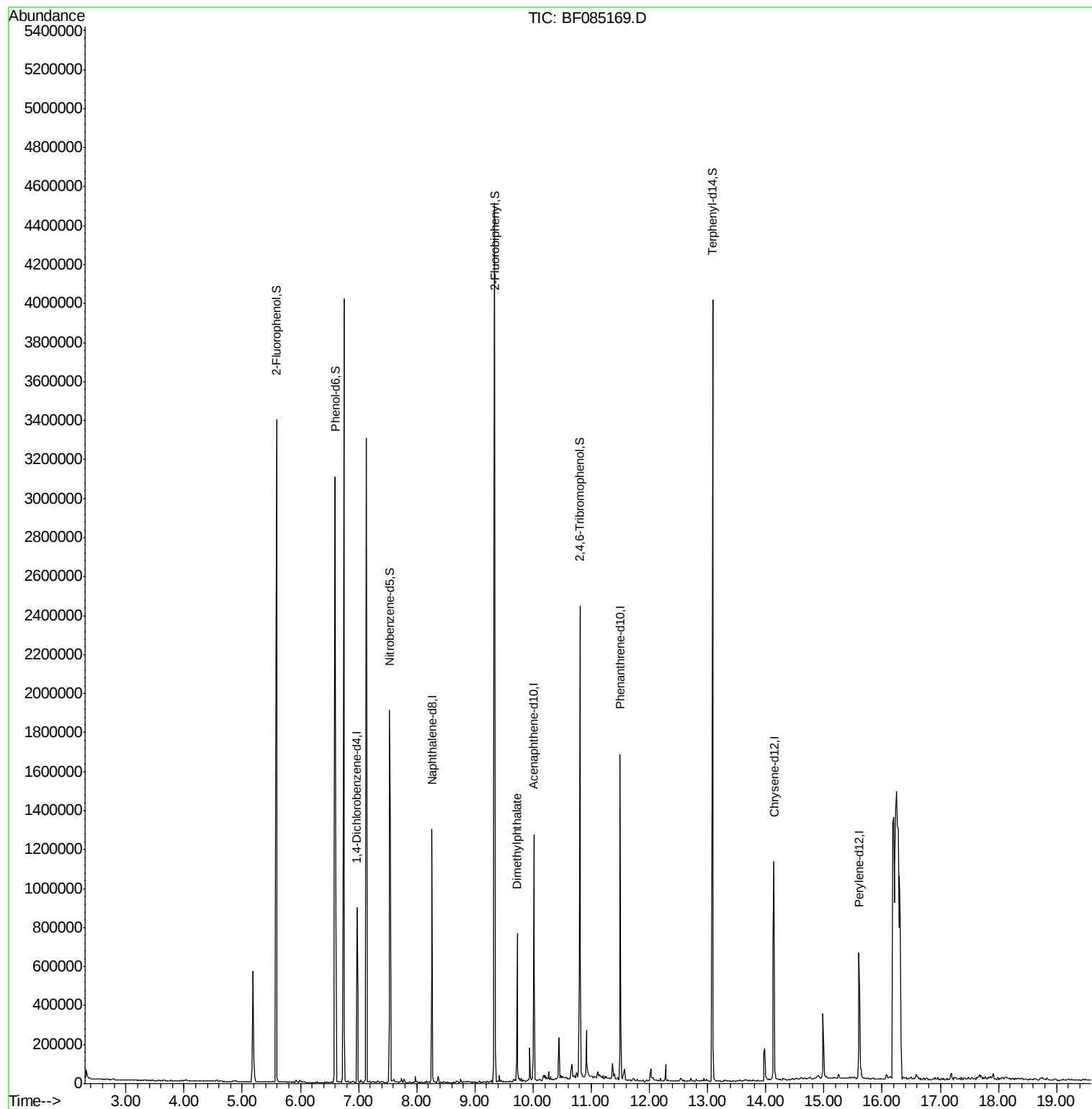
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151950	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	650837	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278249	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	559076	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	450538	20.00	ng	-0.01
86) Perylene-d12	15.60	264	307783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1197928	132.24	ng	0.01
7) Phenol-d6	6.60	99	1284921	108.26	ng	-0.01
23) Nitrobenzene-d5	7.53	82	859289	70.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	286315	120.26	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1359023	74.28	ng	-0.01
78) Terphenyl-d14	13.09	244	1215690	62.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	266967	12.50	ng	Qvalue 99

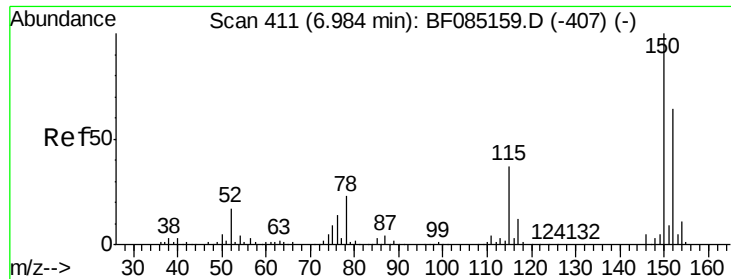
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-41(12-13.5)

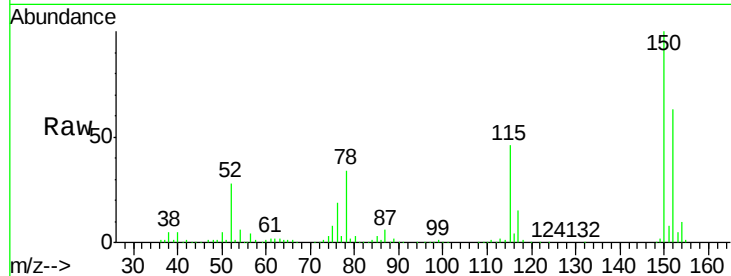
Tgt Ion:152 Resp: 151950

Ion Ratio Lower Upper

152 100

150 159.9 124.6 186.8

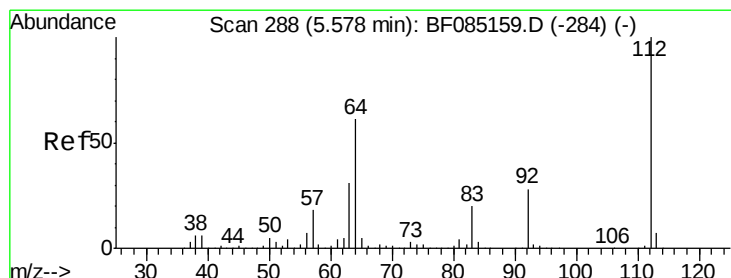
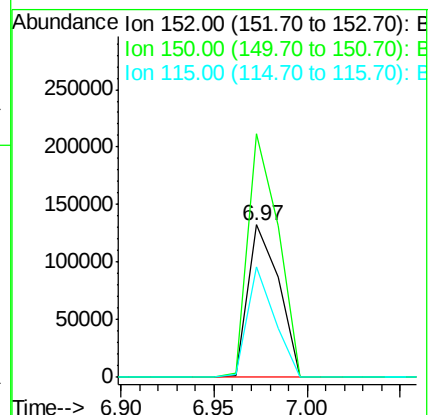
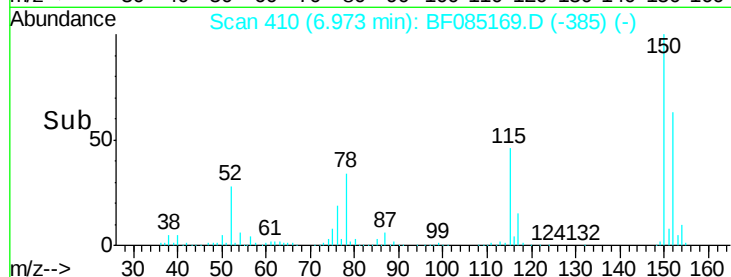
115 72.8 46.6 70.0#



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: 132.24 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

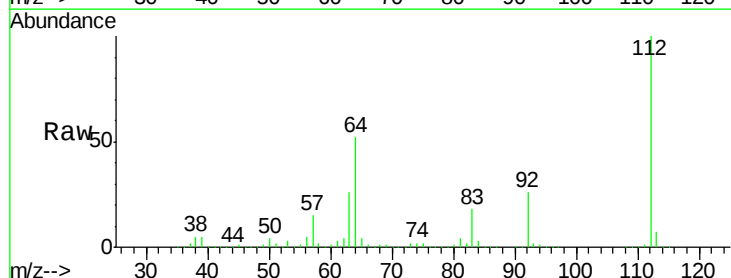
Tgt Ion:112 Resp: 1197928

Ion Ratio Lower Upper

112 100

64 51.9 49.0 73.4

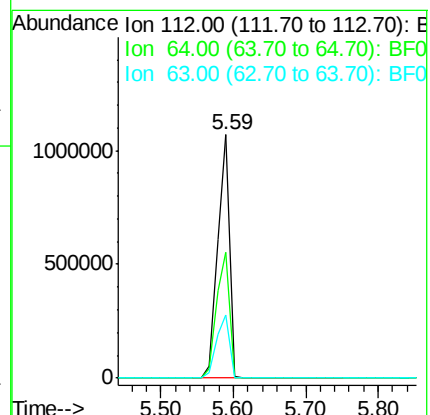
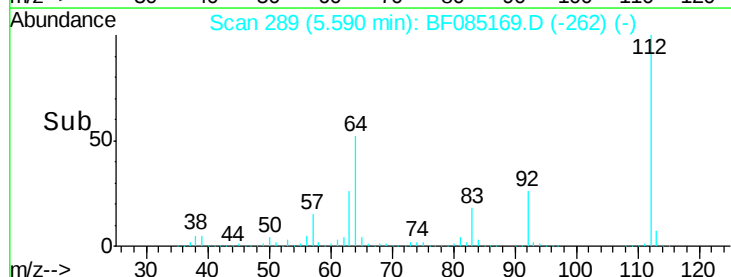
63 26.1 24.8 37.2

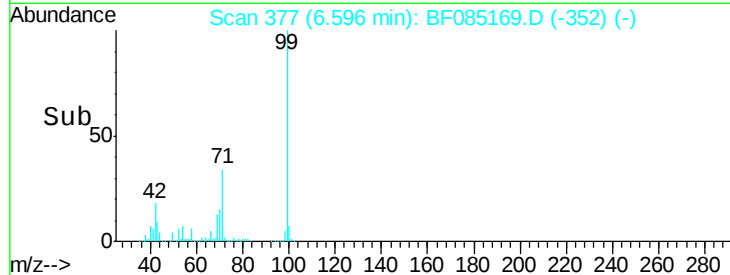
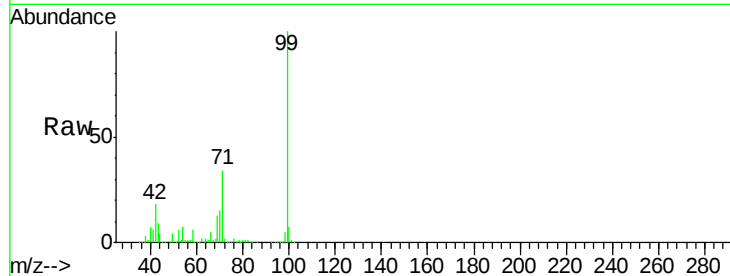
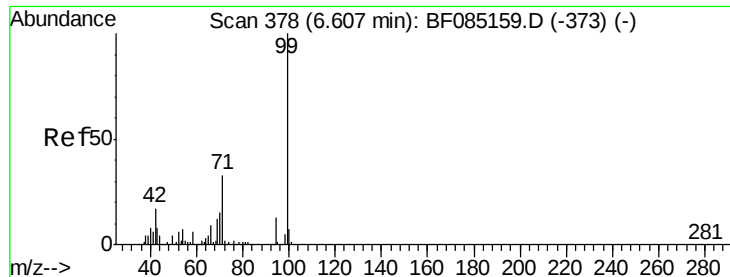


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.26 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-41(12-13.5)

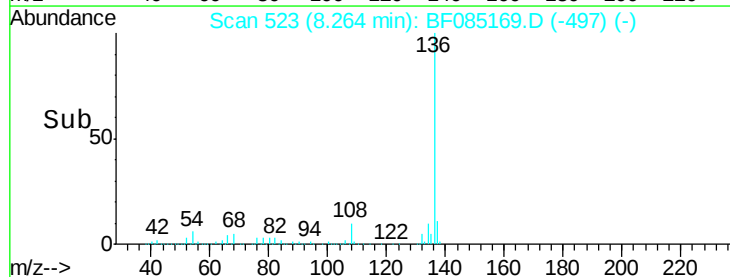
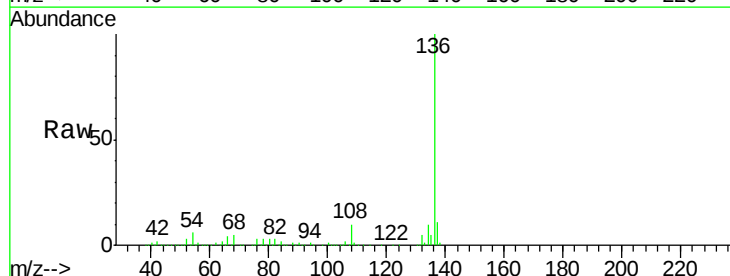
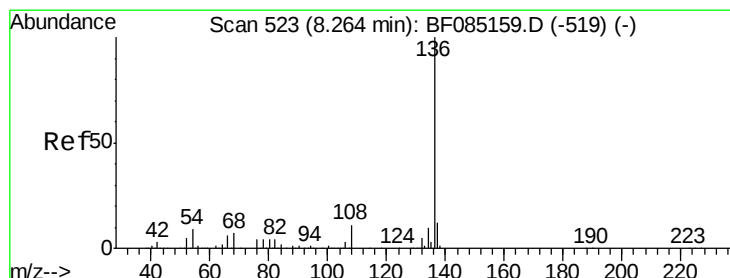
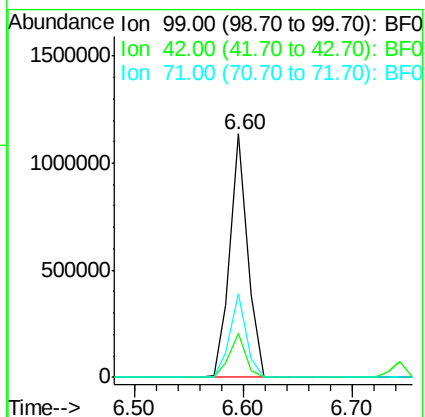
Tgt Ion: 99 Resp: 1284921

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

71 34.2 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: BF085169.D

Acq: 3 Mar 2016 21:15

Tgt Ion: 136 Resp: 650837

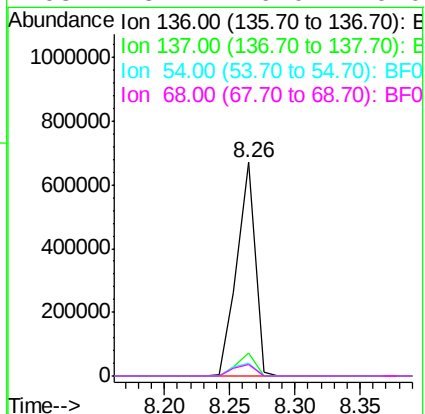
Ion Ratio Lower Upper

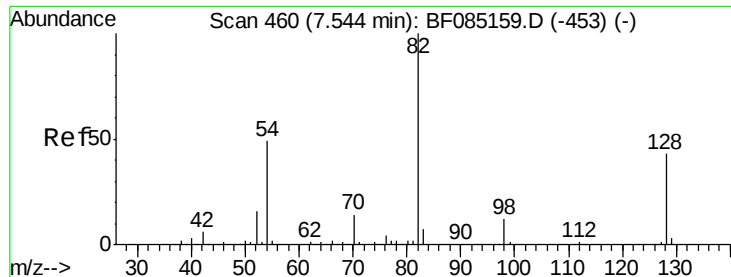
136 100

137 10.8 9.3 13.9

54 6.3 7.4 11.2#

68 5.4 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 70.65 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-41(12-13.5)

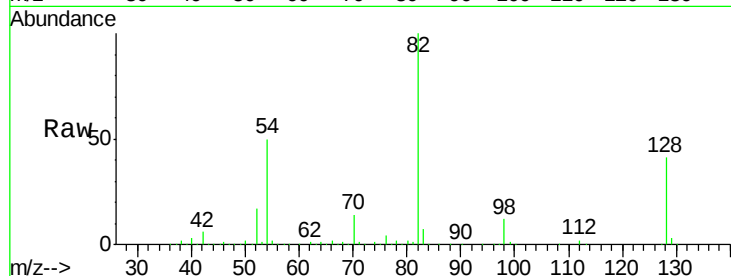
Tgt Ion: 82 Resp: 859289

Ion Ratio Lower Upper

82 100

128 40.8 34.5 51.7

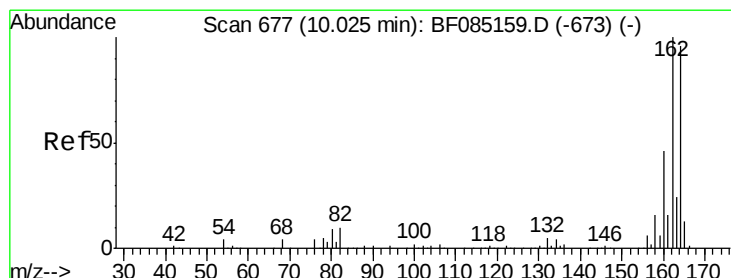
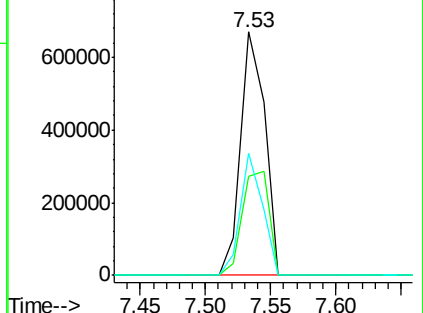
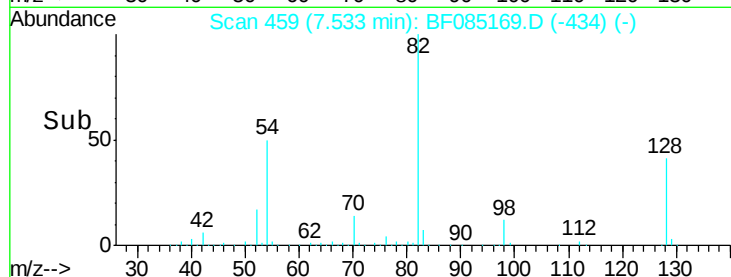
54 49.9 39.3 58.9



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: BF085169.D

Acq: 3 Mar 2016 21:15

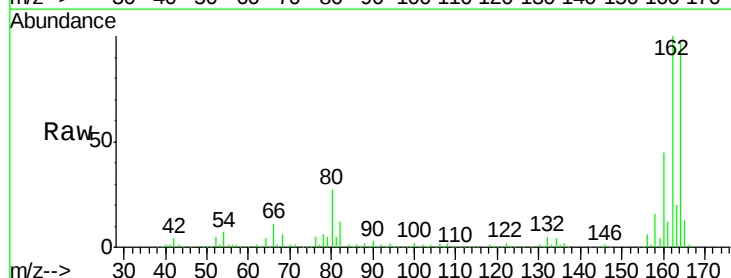
Tgt Ion: 164 Resp: 278249

Ion Ratio Lower Upper

164 100

162 102.7 83.3 124.9

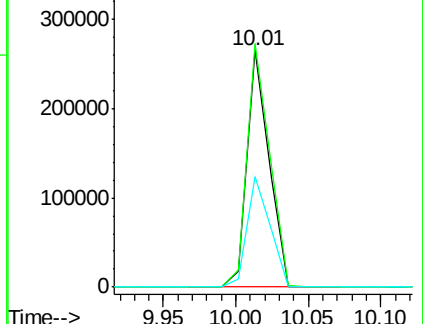
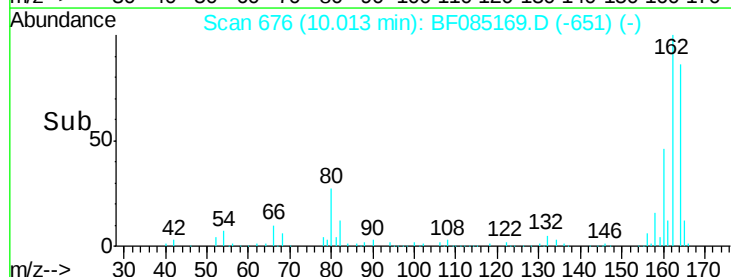
160 46.5 37.9 56.9

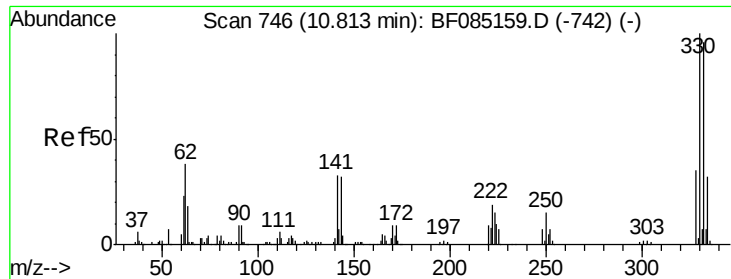


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

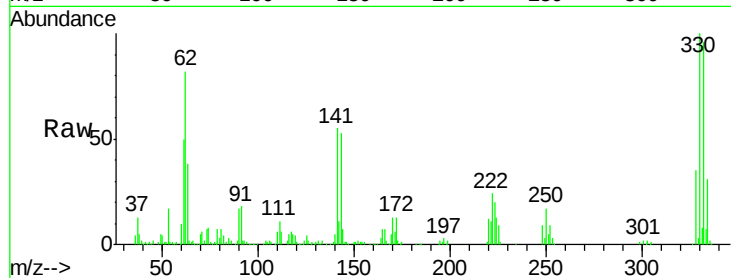




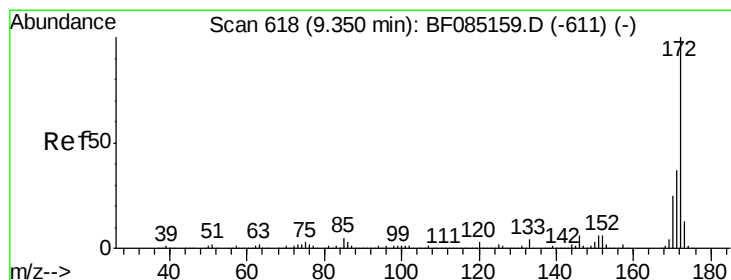
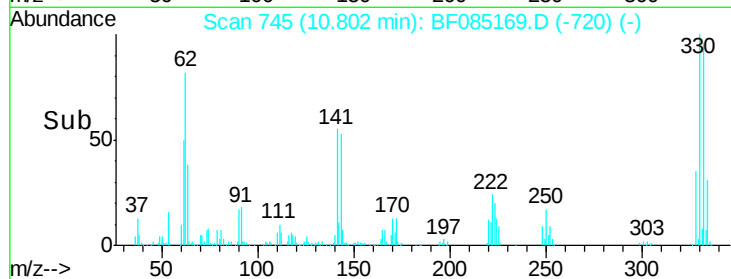
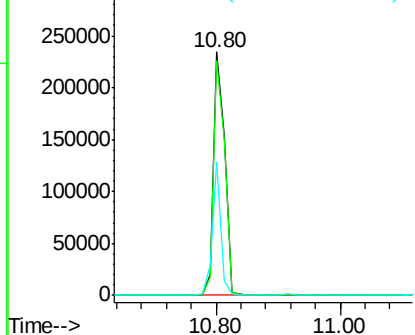
#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085169.D
 Acq: 3 Mar 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-41(12-13.5)

Tgt Ion:330 Resp: 286315
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 42.3 35.0 52.6

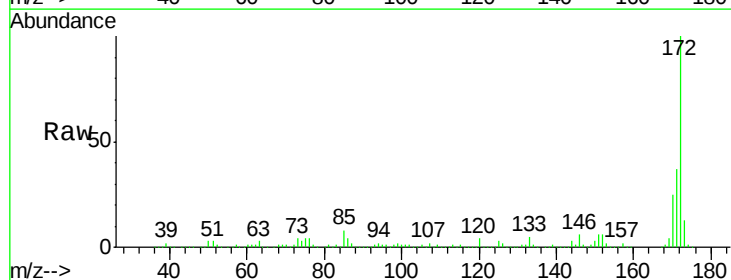


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

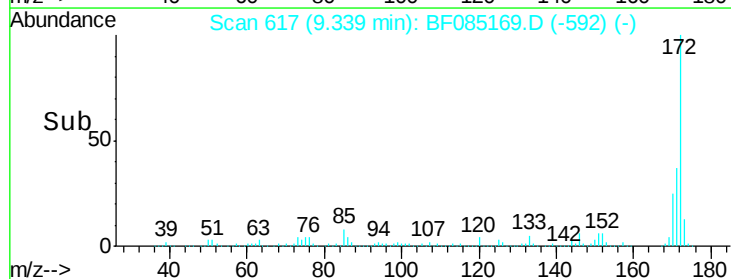
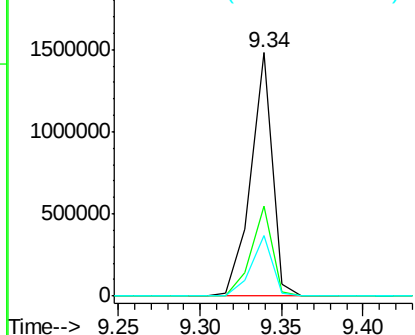


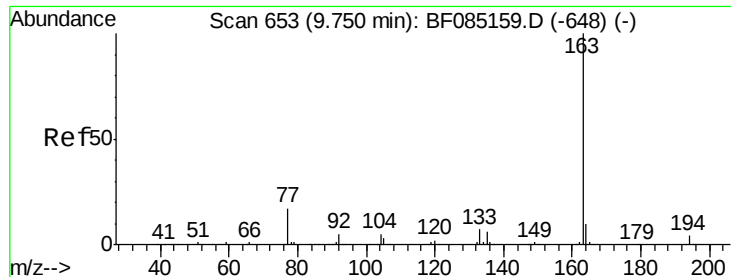
#44
 2-Fluorobiphenyl
 Concen: 74.28 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085169.D
 Acq: 3 Mar 2016 21:15

Tgt Ion:172 Resp: 1359023
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.3 43.9
 170 24.6 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





#49

Dimethylphthalate

Concen: 12.50 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-41(12-13.5)

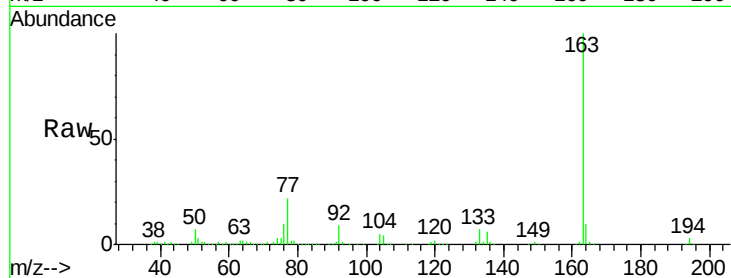
Tgt Ion:163 Resp: 266967

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

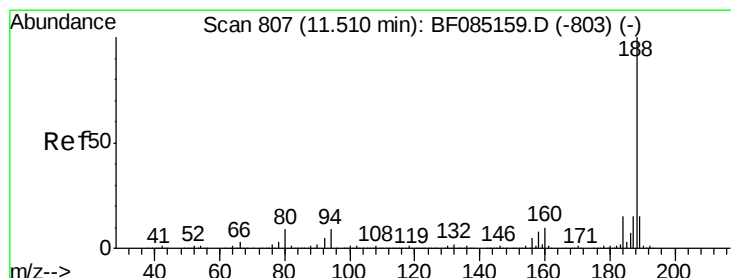
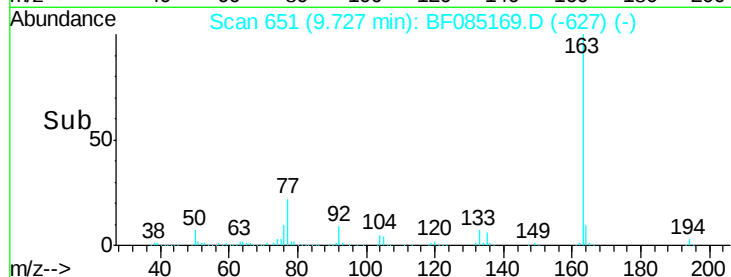
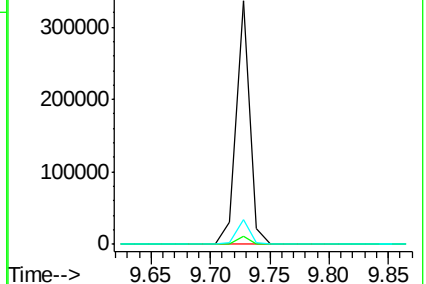
164 10.1 8.2 12.4



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: BF085169.D

Acq: 3 Mar 2016 21:15

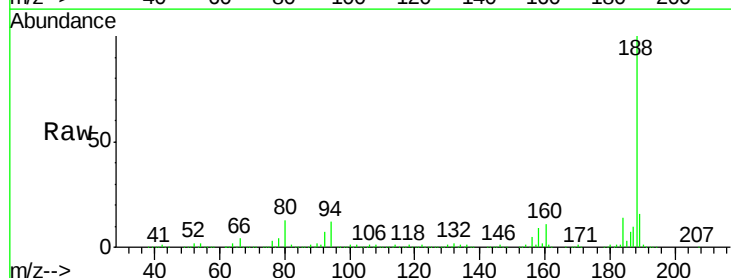
Tgt Ion:188 Resp: 559076

Ion Ratio Lower Upper

188 100

94 12.2 7.0 10.6#

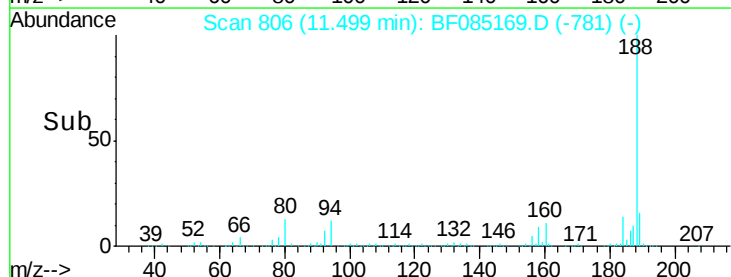
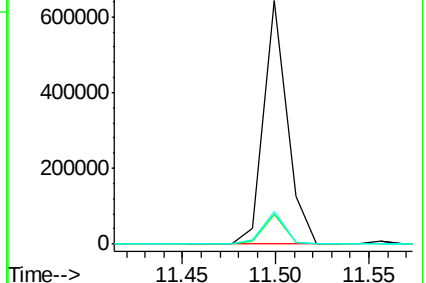
80 13.1 7.4 11.0#

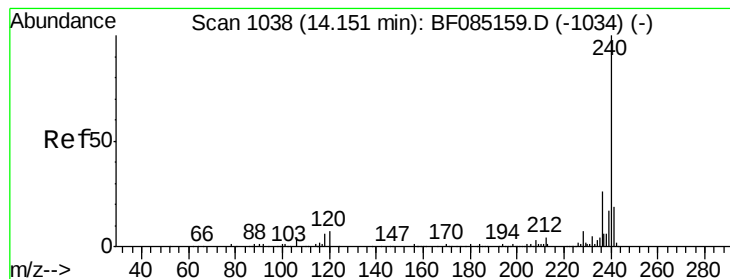


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-41(12-13.5)

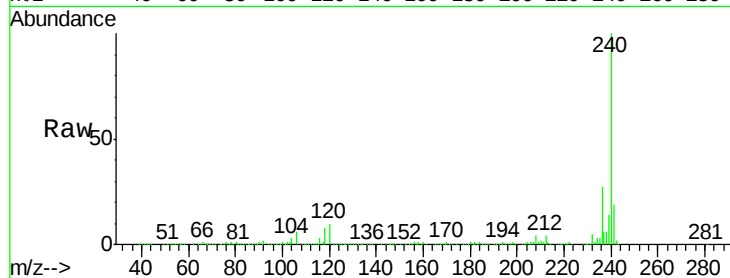
Tgt Ion:240 Resp: 450538

Ion Ratio Lower Upper

240 100

120 9.5 5.3 7.9#

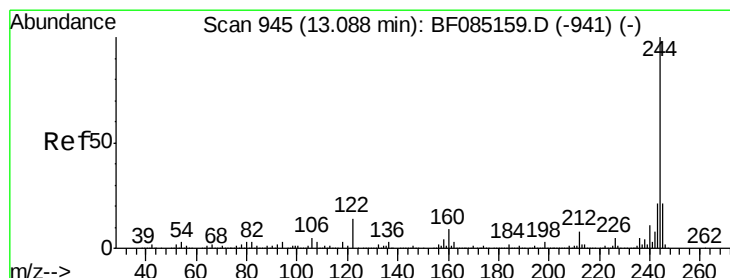
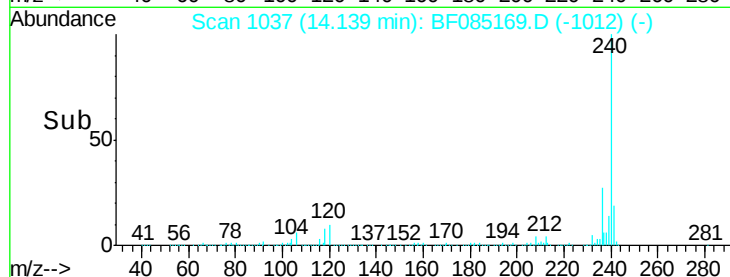
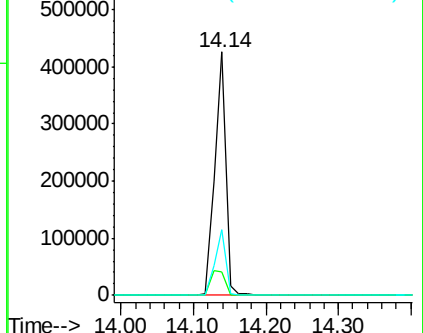
236 26.7 20.7 31.1



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: 62.64 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085169.D

Acq: 3 Mar 2016 21:15

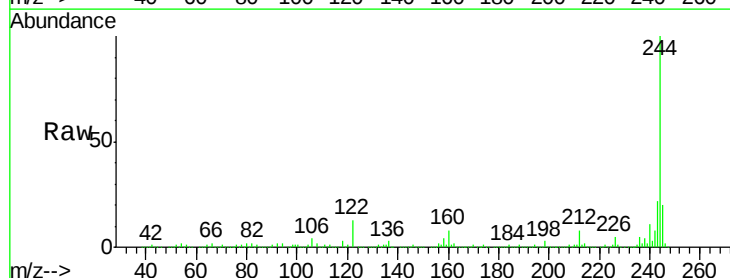
Tgt Ion:244 Resp: 1215690

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

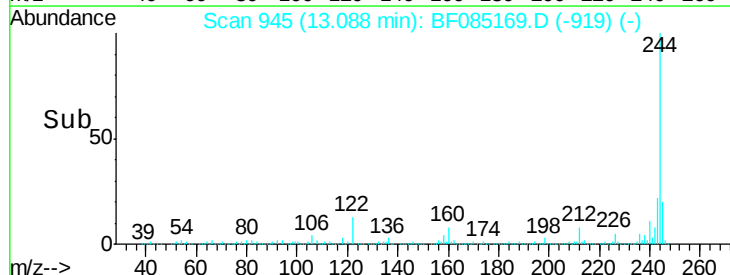
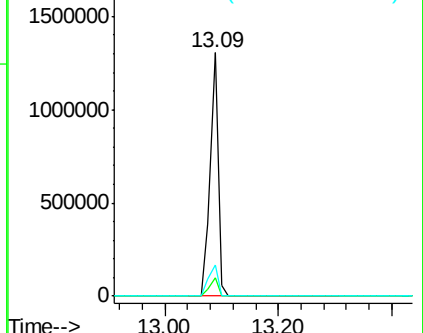
122 12.8 11.4 17.2

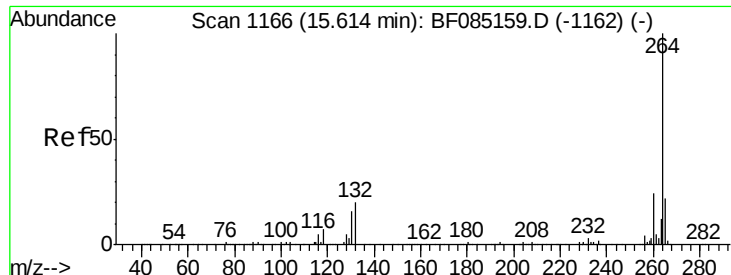


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085169.D
Acq: 3 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :
SB-41(12-13.5)

Tgt Ion: 264 Resp: 307783
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.1 17.3 25.9

