

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085230.D
 Acq On : 5 Mar 2016 4:02
 Operator : SJ/IZ
 Sample : H1686-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(22-24)

Quant Time: Mar 05 04:38:14 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

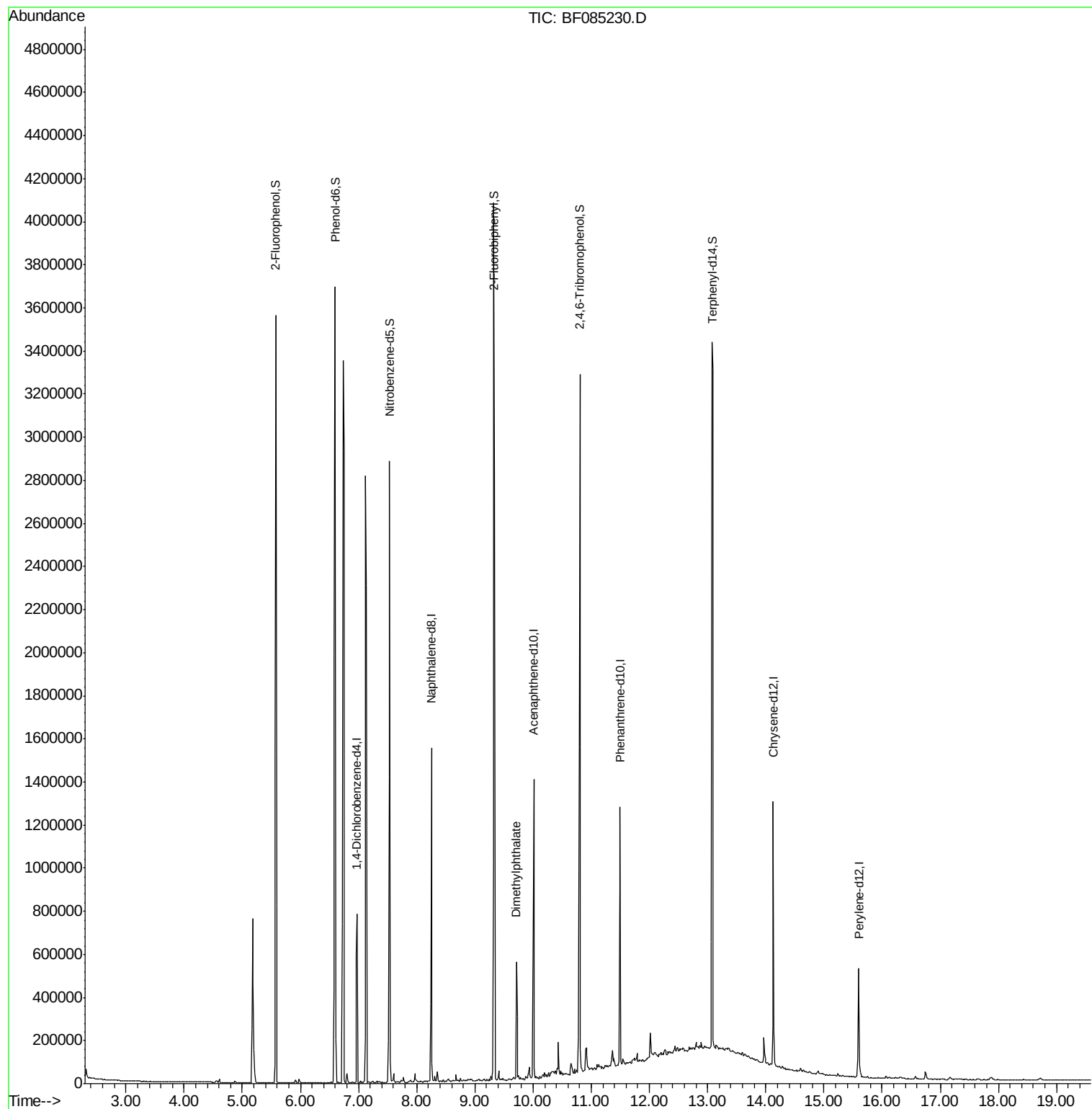
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160230	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	675989	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	311081	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	568116	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	377133	20.00	ng	-0.02
86) Perylene-d12	15.60	264	270740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1251115	130.97	ng	0.00
7) Phenol-d6	6.60	99	1617118	129.21	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1110066	87.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	437364	164.31	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1854969	90.69	ng	-0.02
78) Terphenyl-d14	13.09	244	1632457	100.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	257408	10.78	ng	Qvalue 99

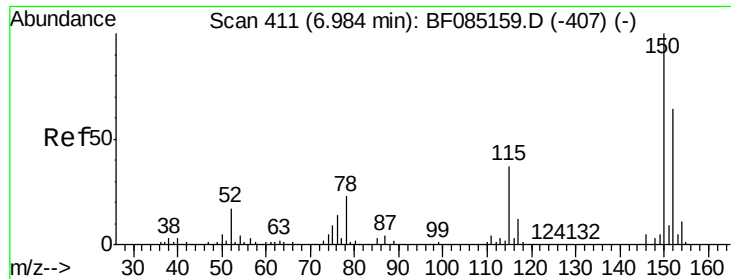
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085230.D

Acq: 5 Mar 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-43(22-24)

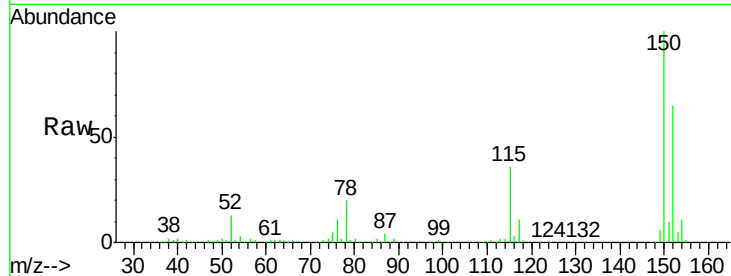
Tot Ion:152 Resp: 160230

Ion Ratio Lower Upper

152 100

150 152.8 124.6 186.8

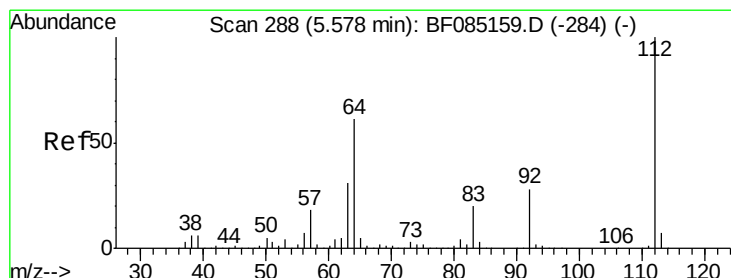
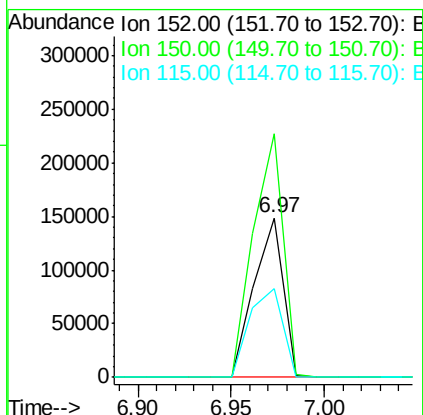
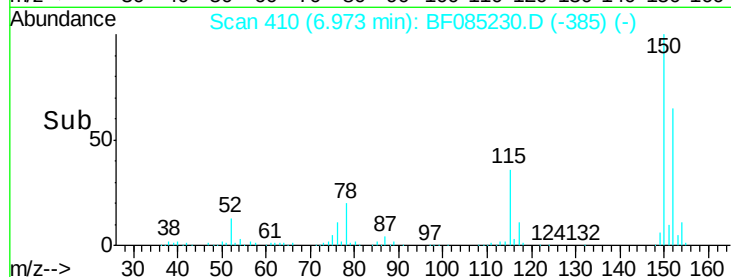
115 55.6 46.6 70.0



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: 130.97 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

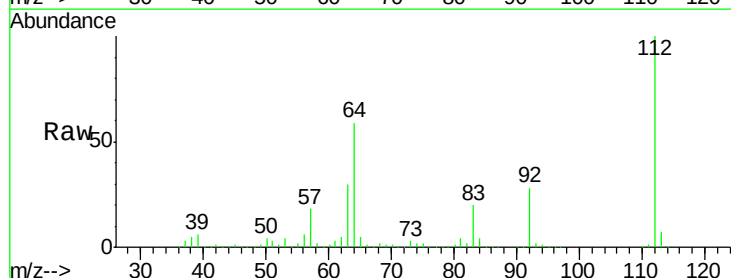
Tgt Ion:112 Resp: 1251115

Ion Ratio Lower Upper

112 100

64 59.3 49.0 73.4

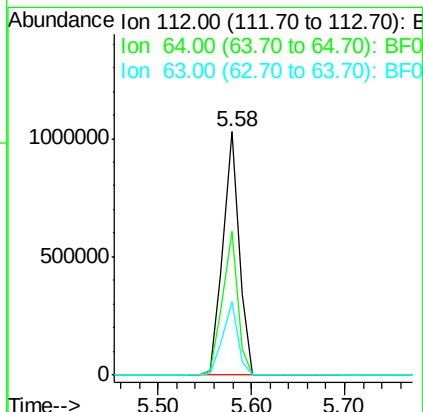
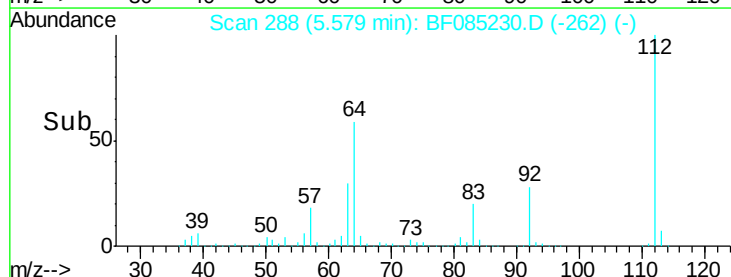
63 30.0 24.8 37.2

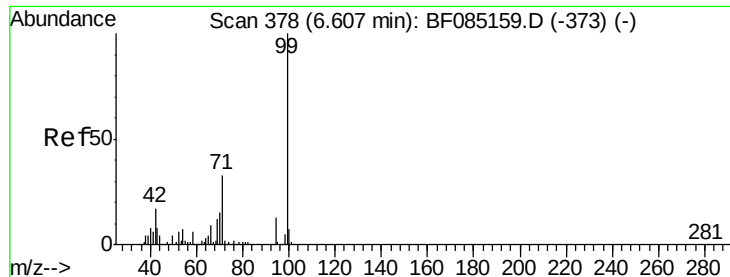


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.21 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-43(22-24)

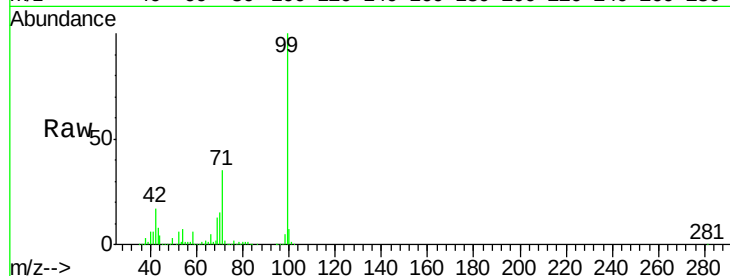
Tot Ion: 99 Resp: 1617118

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

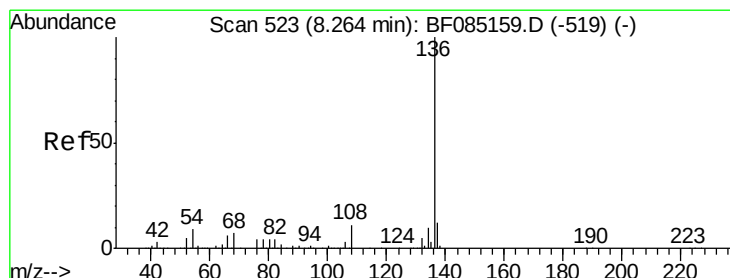
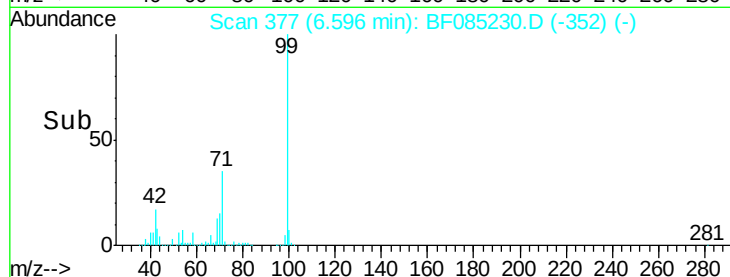
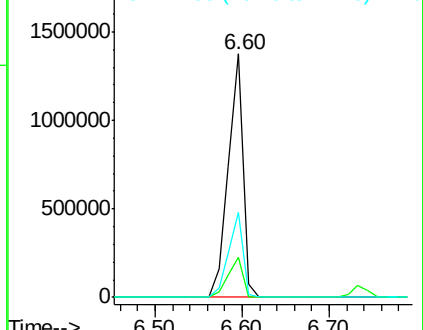
71 34.7 26.7 40.1



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: BF085230.D

Acq: 5 Mar 2016 4:02

Tgt Ion: 136 Resp: 675989

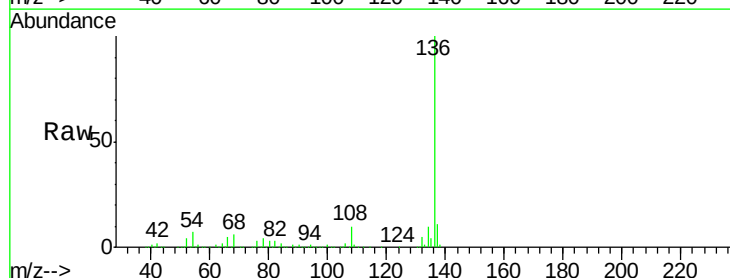
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.2 7.4 11.2#

68 6.2 6.0 9.0

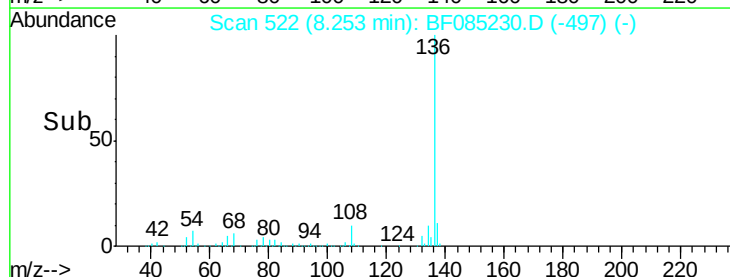
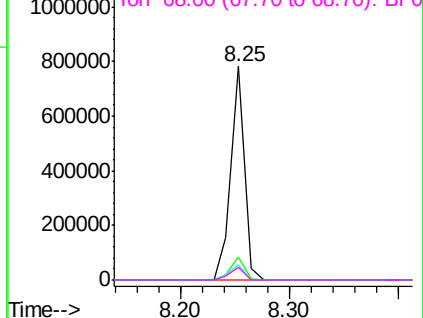


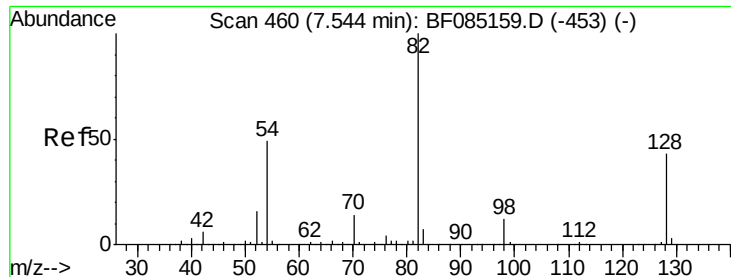
Abundance Ion 136.00 (135.70 to 136.70): E

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

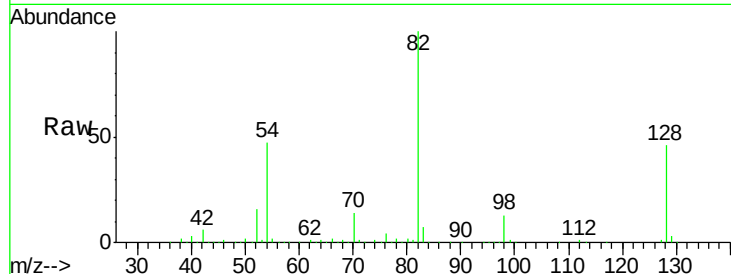




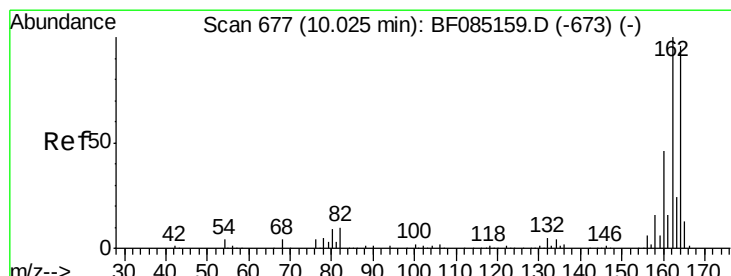
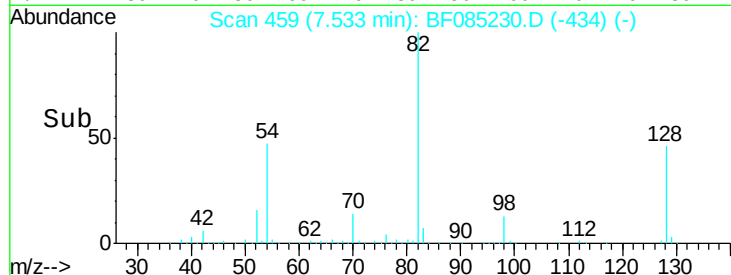
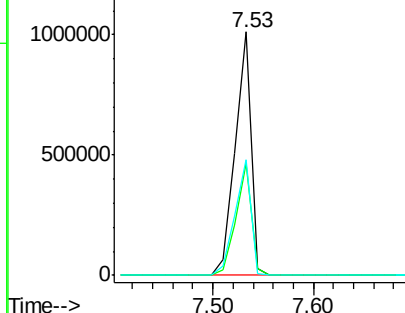
#23
 Nitrobenzene-d5
 Concen: 87.87 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085230.D
 Acq: 5 Mar 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(22-24)

Tot Ion: 82 Resp: 1110066
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.5 51.7
 54 47.4 39.3 58.9

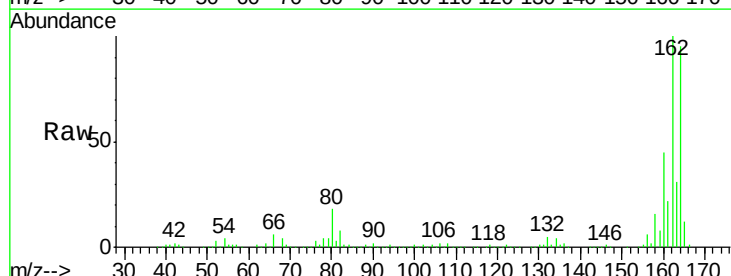


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

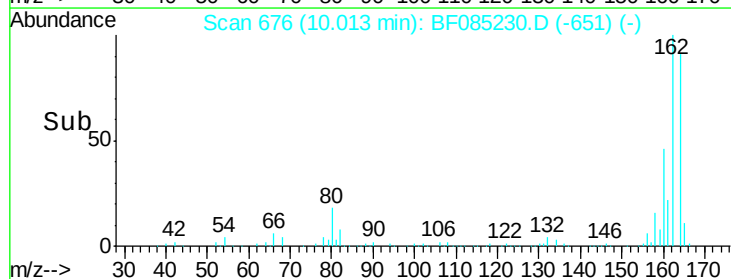
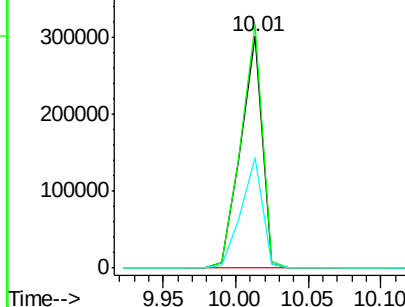


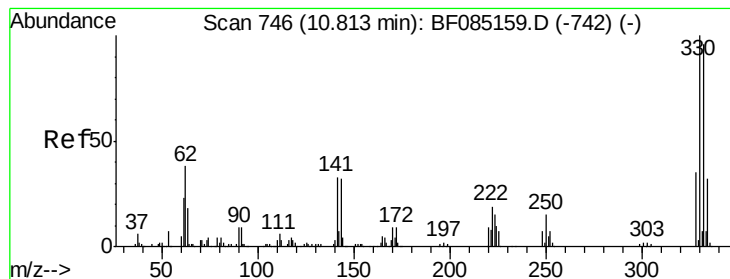
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085230.D
 Acq: 5 Mar 2016 4:02

Tgt Ion: 164 Resp: 311081
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.3 124.9
 160 47.6 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: 164.31 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-43(22-24)

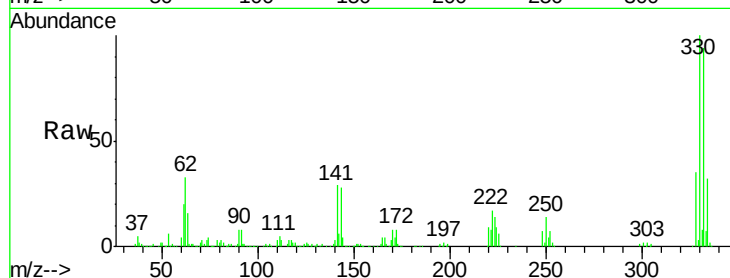
Tot Ion:330 Resp: 437364

Ion Ratio Lower Upper

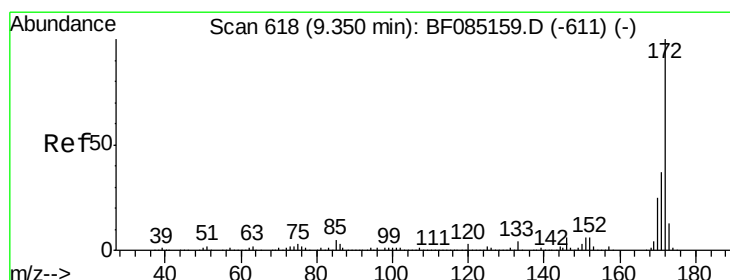
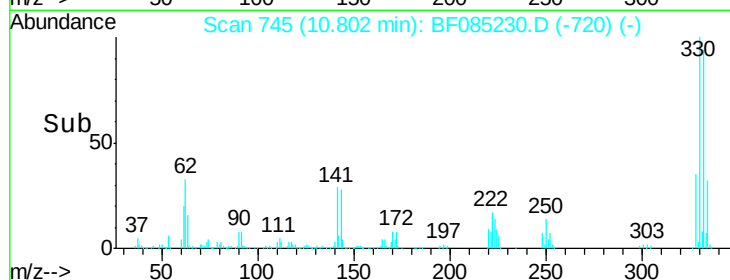
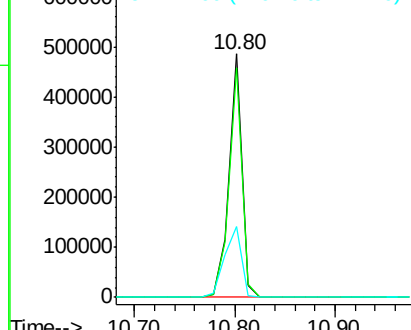
330 100

332 95.1 77.1 115.7

141 37.5 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: 90.69 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

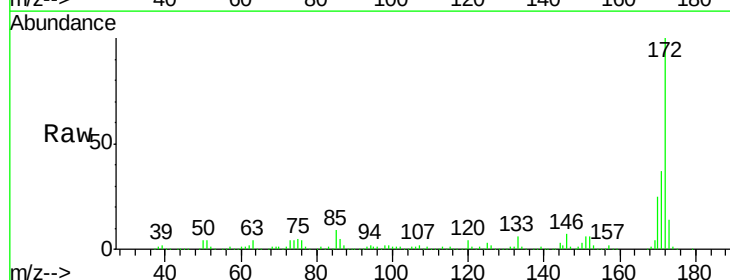
Tgt Ion:172 Resp: 1854969

Ion Ratio Lower Upper

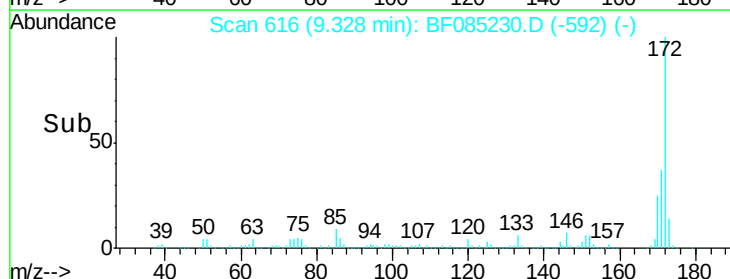
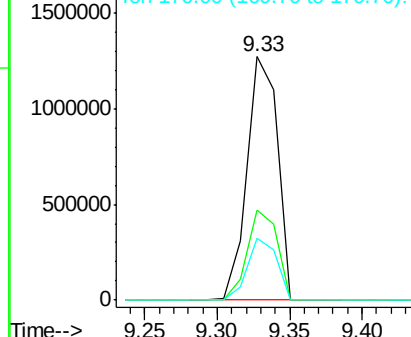
172 100

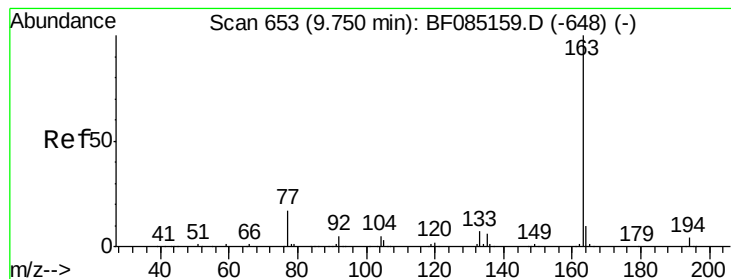
171 37.1 29.3 43.9

170 25.2 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: 10.78 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-43(22-24)

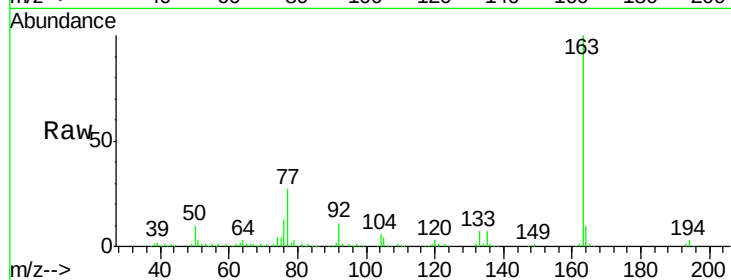
Tot Ion:163 Resp: 257408

Ion Ratio Lower Upper

163 100

194 3.3 3.1 4.7

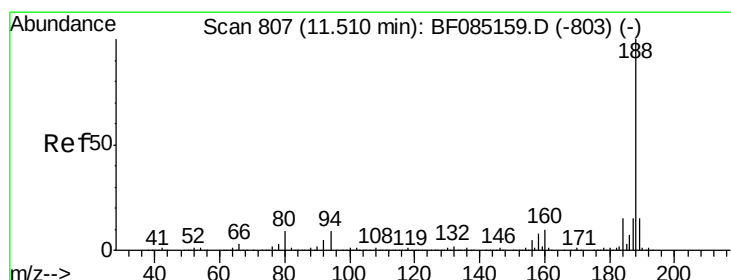
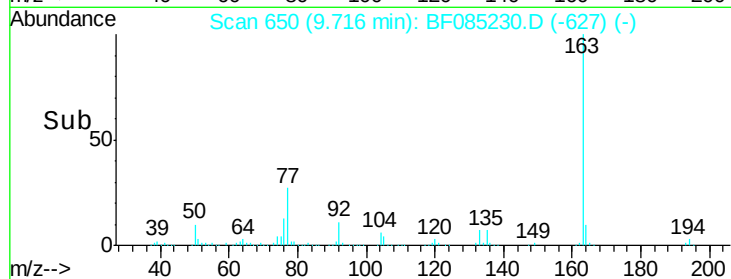
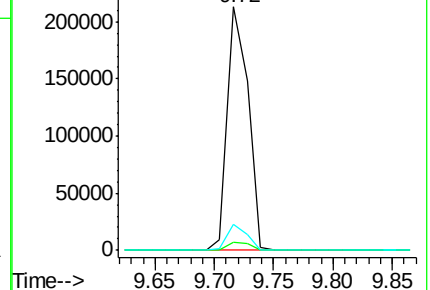
164 10.5 8.2 12.4



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: BF085230.D

Acq: 5 Mar 2016 4:02

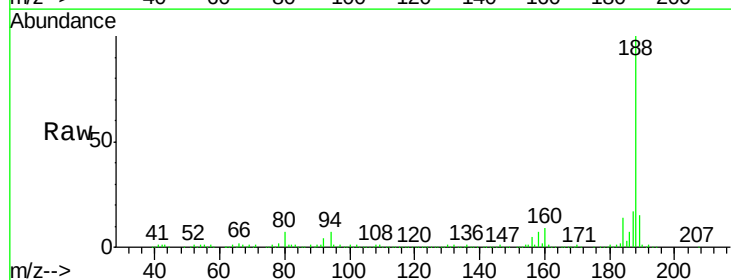
Tgt Ion:188 Resp: 568116

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

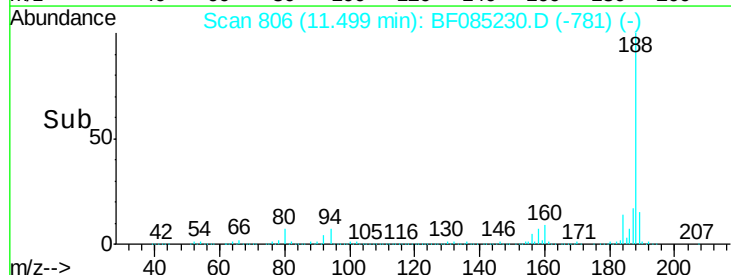
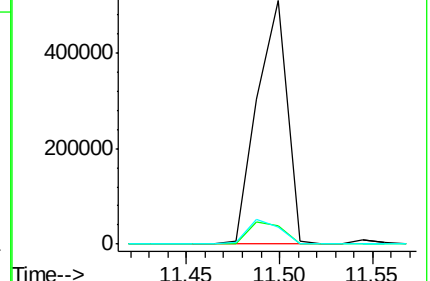
80 7.3 7.4 11.0#

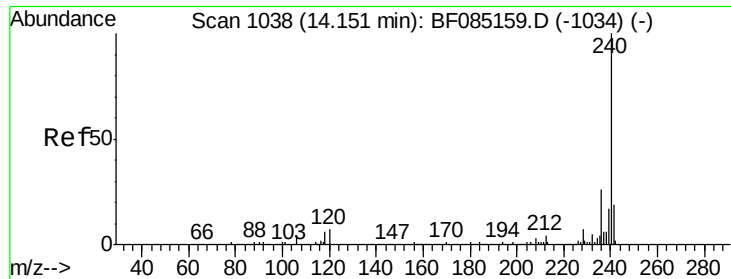


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085230.D

Acq: 5 Mar 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-43(22-24)

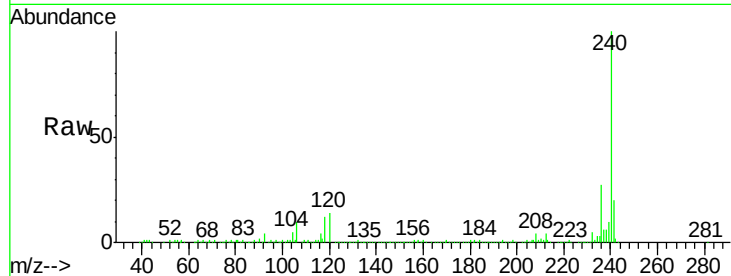
Tot Ion:240 Resp: 377133

Ion Ratio Lower Upper

240 100

120 14.3 5.3 7.9#

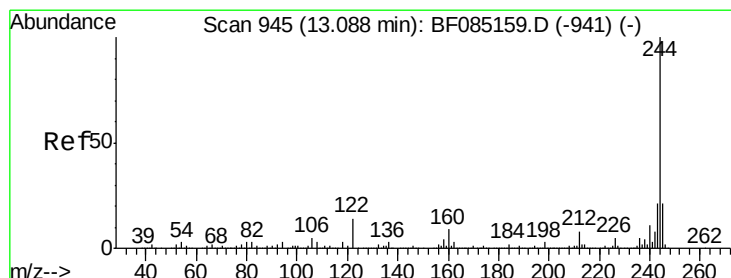
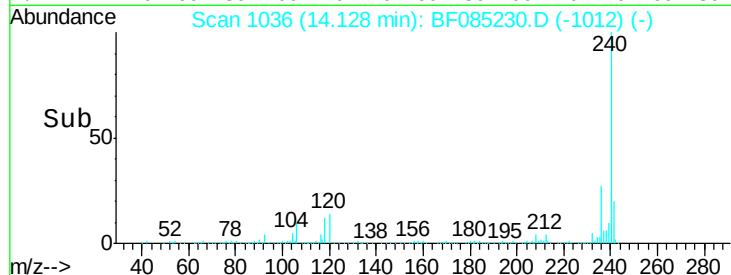
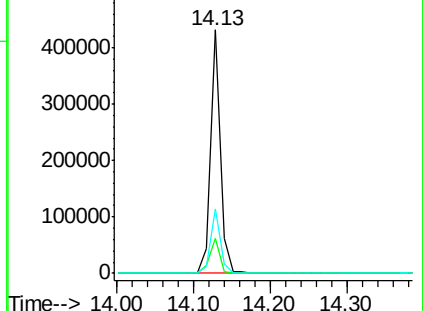
236 26.6 20.7 31.1



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: 100.48 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085230.D

Acq: 5 Mar 2016 4:02

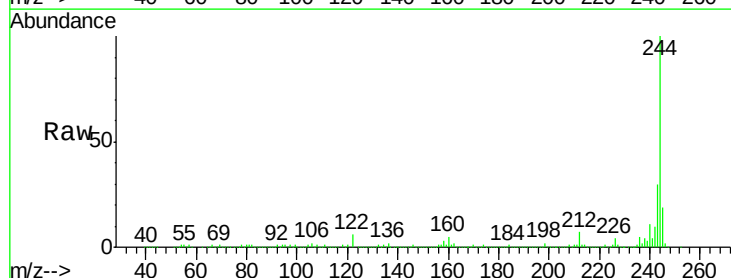
Tgt Ion:244 Resp: 1632457

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

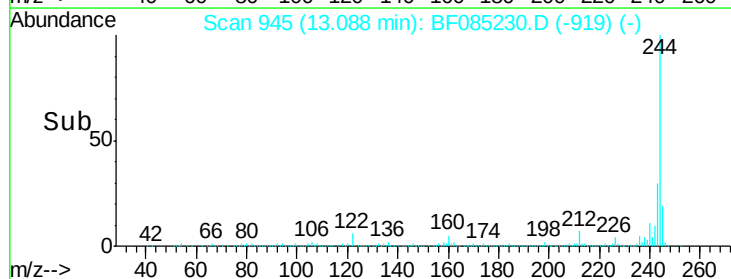
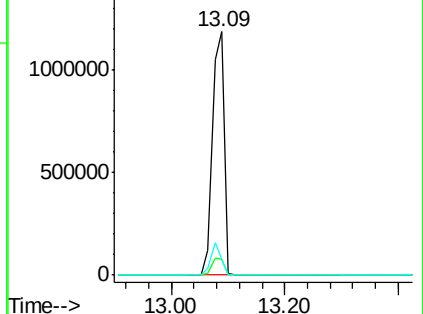
122 6.4 11.4 17.2#

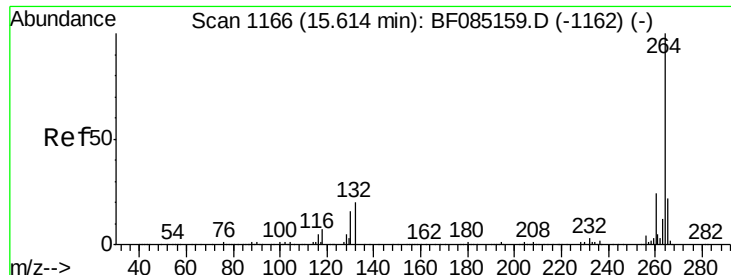


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

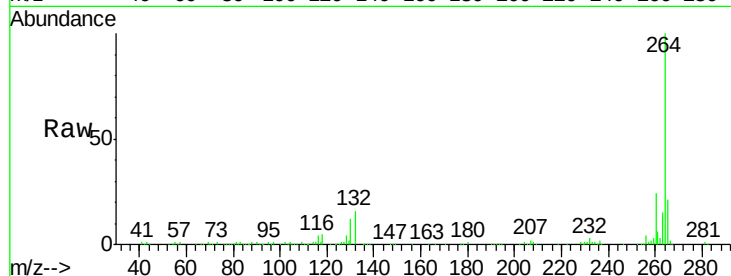




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085230.D
 Acq: 5 Mar 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(22-24)

Tot Ion: 264 Resp: 270740
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.5 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

