

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082237.D
 Acq On : 13 Oct 2015 1:58
 Operator : UM/IZ
 Sample : G3990-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)

Quant Time: Oct 13 06:35:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59557	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	238368	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	126790	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	253033	20.00	ng	0.00
75) Chrysene-d12	14.00	240	254416	20.00	ng	-0.01
86) Perylene-d12	15.44	264	194484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	220094	74.58	ng	0.00
7) Phenol-d6	6.46	99	166342	43.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	434411	122.39	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	192578	161.96	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	865361	113.19	ng	0.00
78) Terphenyl-d14	12.95	244	898858	93.62	ng	0.00

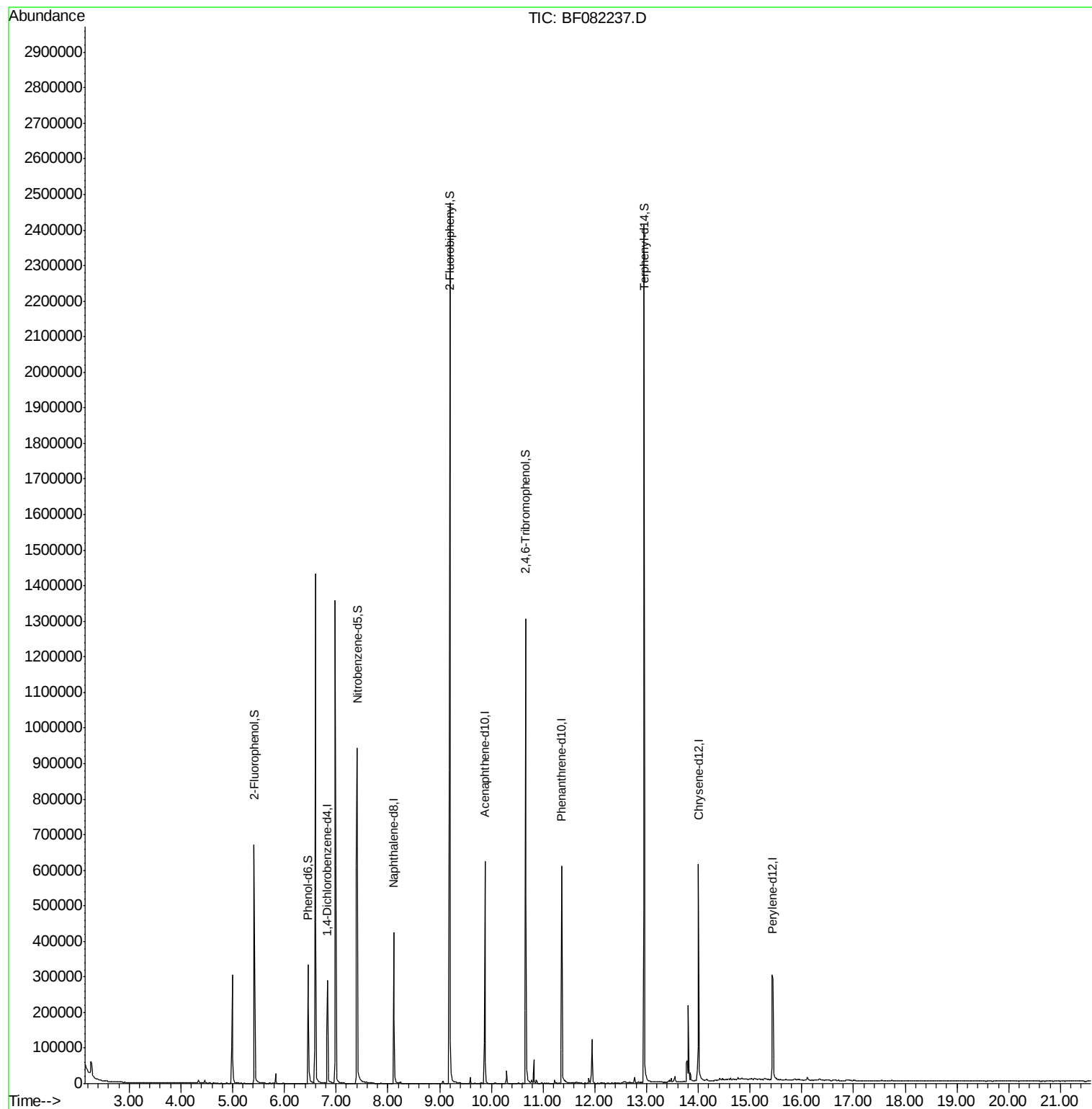
Target Compounds Qvalue

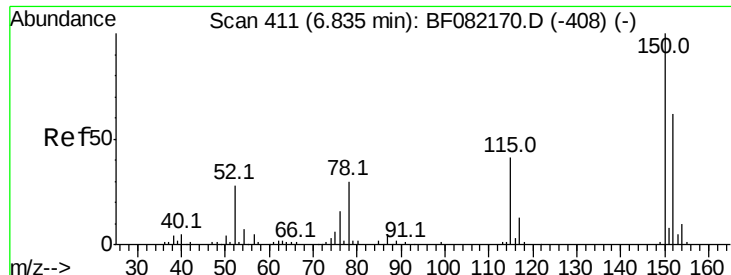
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)

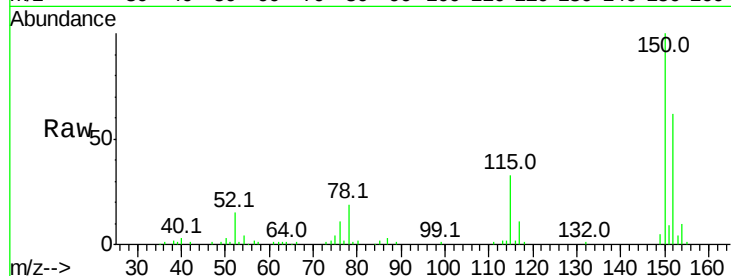
Tot Ion:152 Resp: 59557

Ion Ratio Lower Upper

152 100

150 160.9 129.0 193.4

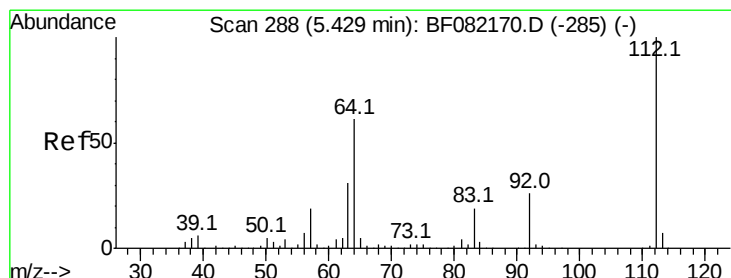
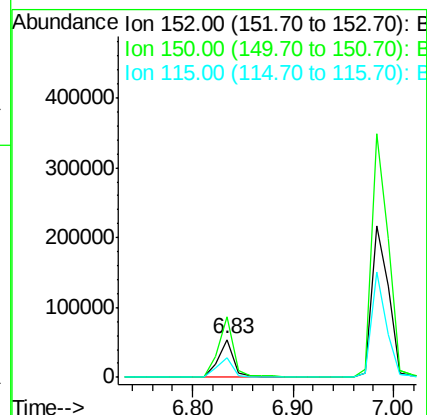
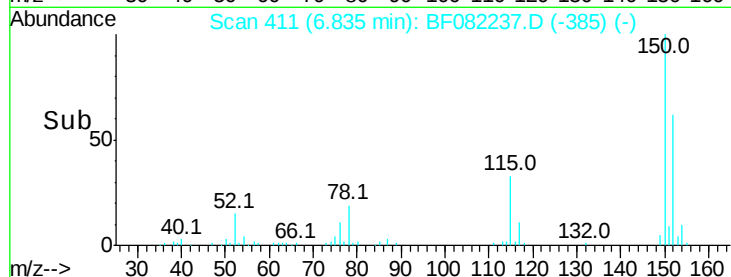
115 53.1 52.1 78.1



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: 74.58 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

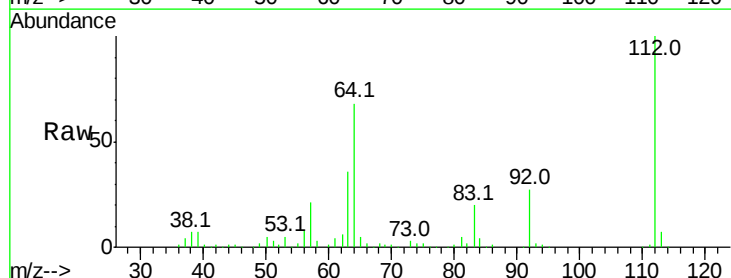
Tgt Ion:112 Resp: 220094

Ion Ratio Lower Upper

112 100

64 68.0 48.6 73.0

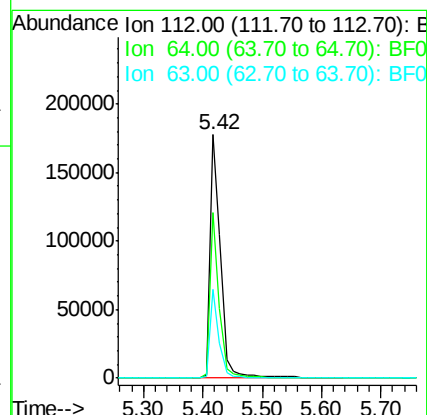
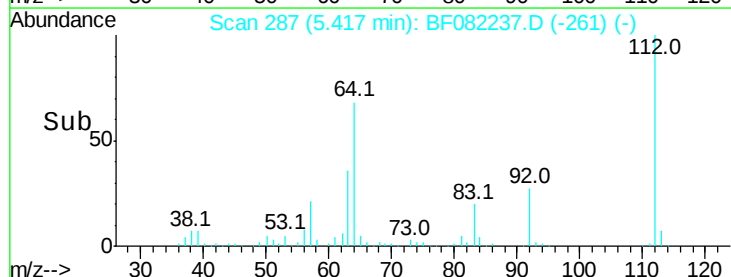
63 36.3 25.1 37.7



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: 43.32 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)

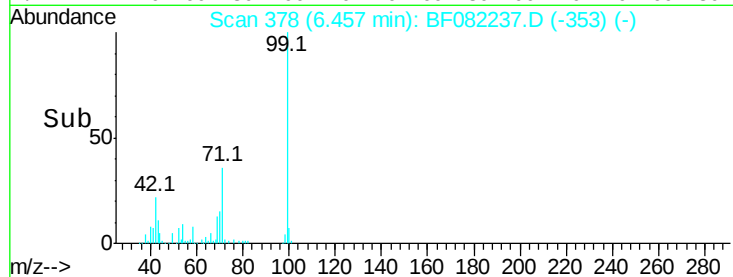
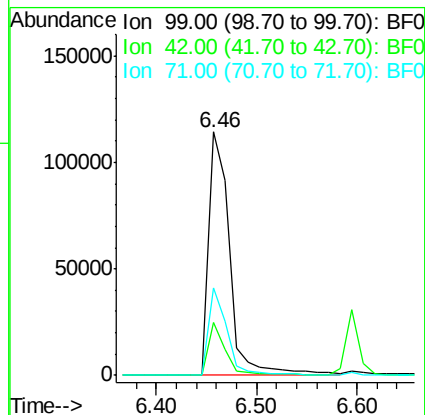
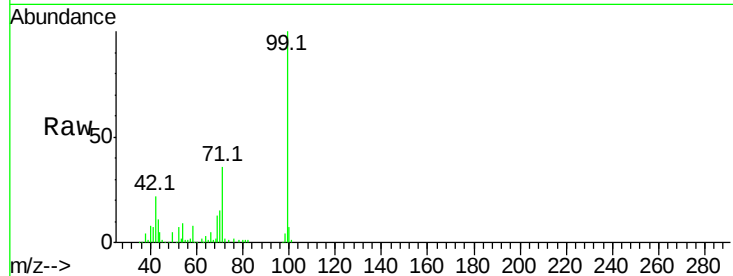
Tot Ion: 99 Resp: 166342

Ion Ratio Lower Upper

99 100

42 21.7 13.2 19.8#

71 36.1 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Tgt Ion: 136 Resp: 238368

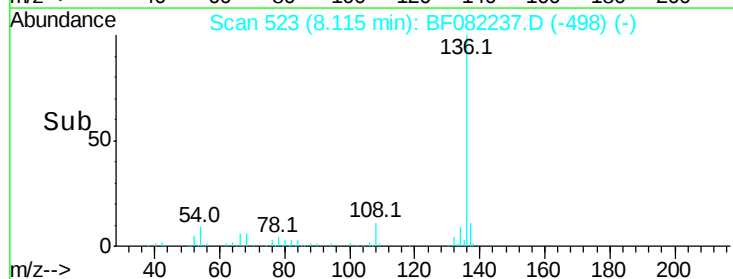
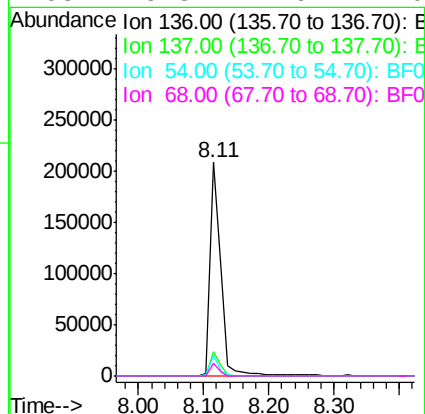
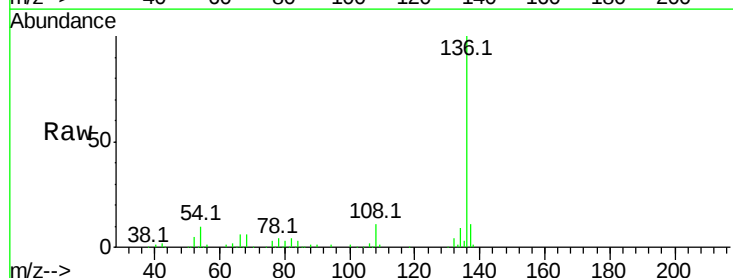
Ion Ratio Lower Upper

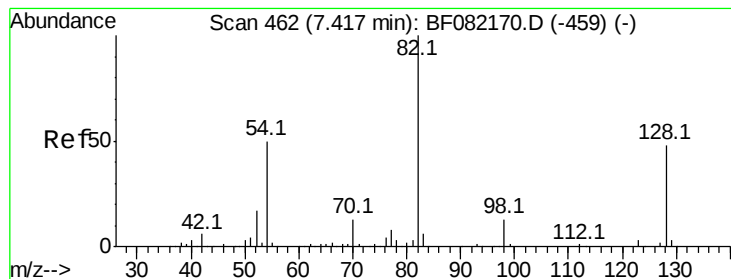
136 100

137 11.3 9.0 13.6

54 9.6 7.5 11.3

68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 122.39 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)

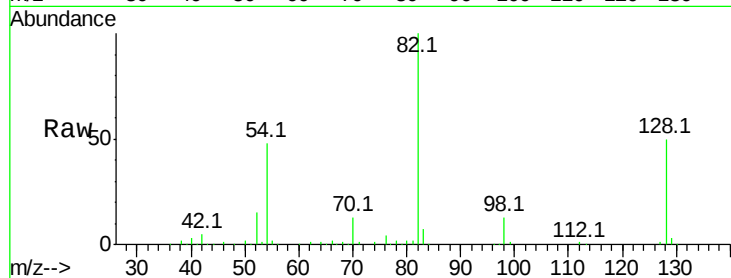
Tot Ion: 82 Resp: 434411

Ion Ratio Lower Upper

82 100

128 50.5 38.7 58.1

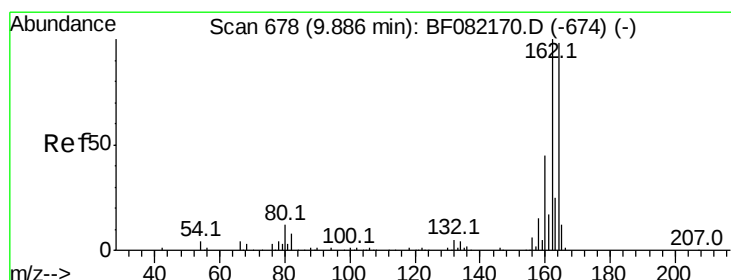
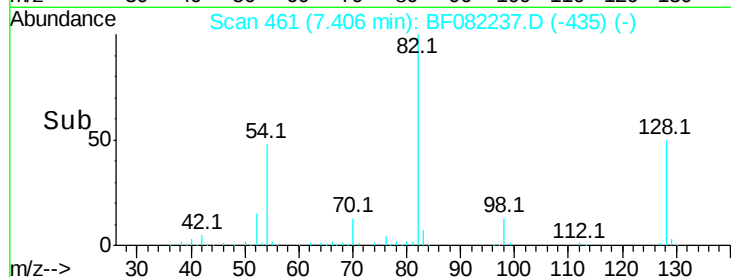
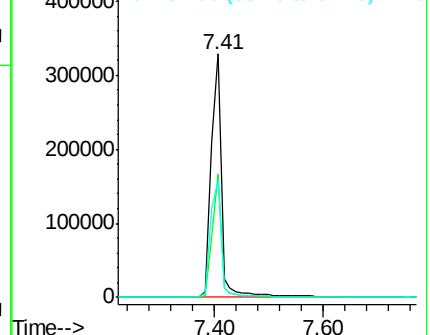
54 47.9 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

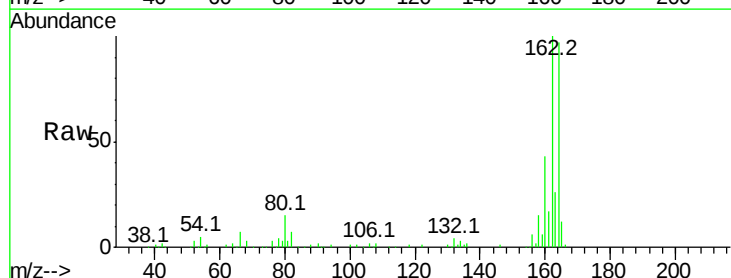
Tgt Ion:164 Resp: 126790

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

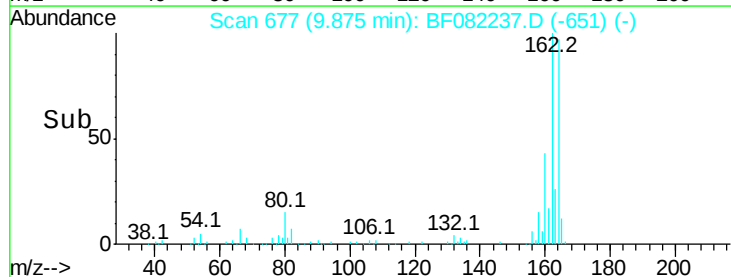
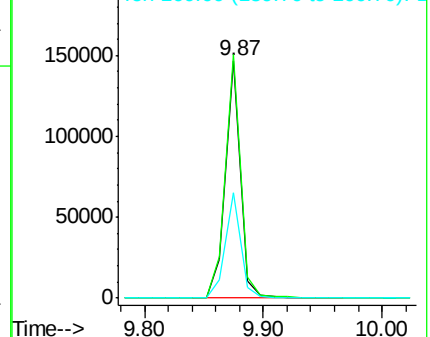
160 44.4 36.4 54.6



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

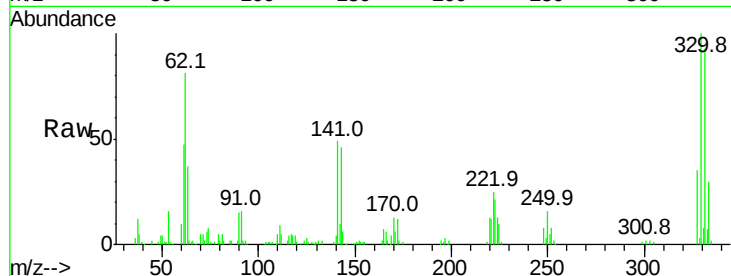




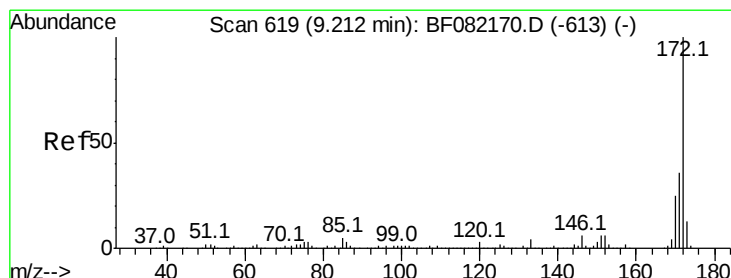
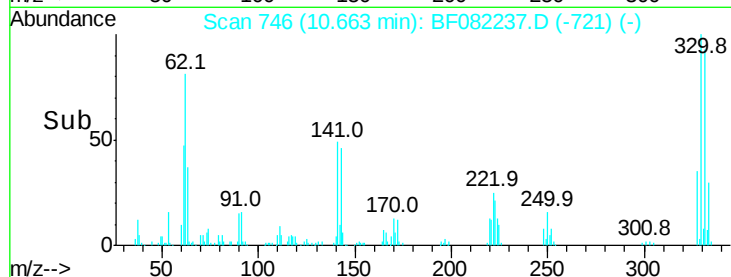
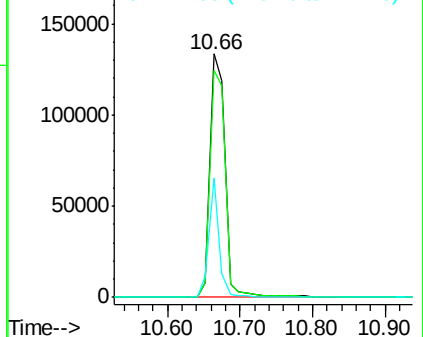
#41
 2,4,6-Tribromophenol
 Concen: 161.96 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082237.D
 Acq: 13 Oct 2015 1:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)

Tot Ion:330 Resp: 192578
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 33.8 29.8 44.8

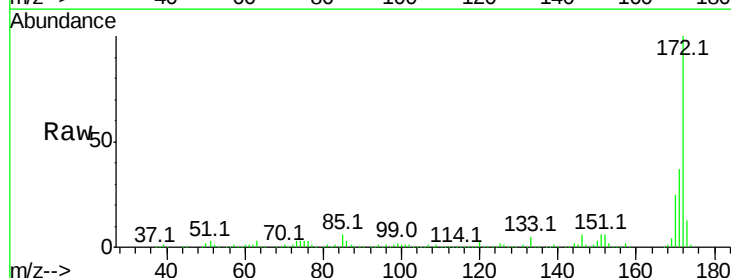


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

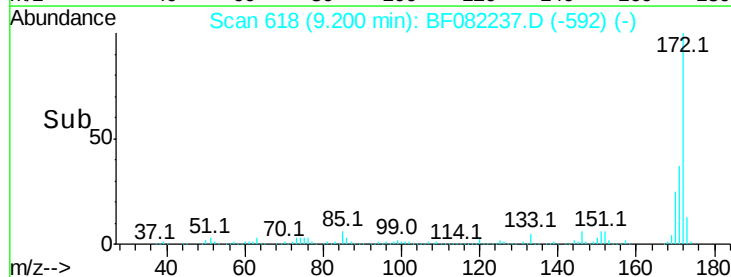
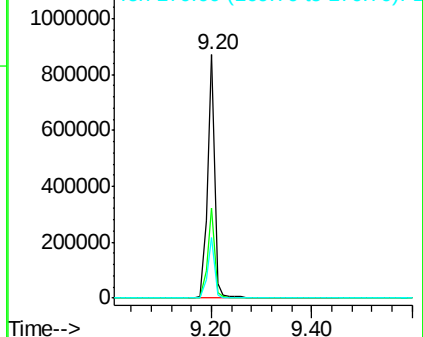


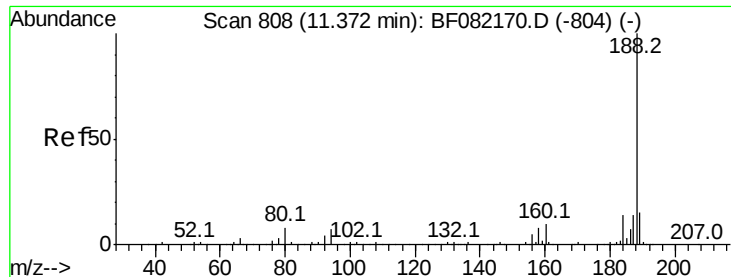
#44
 2-Fluorobiphenyl
 Concen: 113.19 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082237.D
 Acq: 13 Oct 2015 1:58

Tgt Ion:172 Resp: 865361
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.8 19.7 29.5



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)

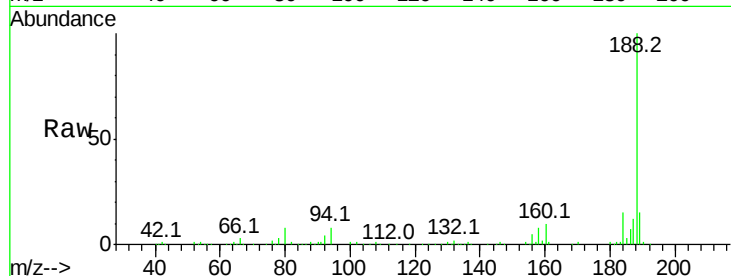
Tot Ion:188 Resp: 253033

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

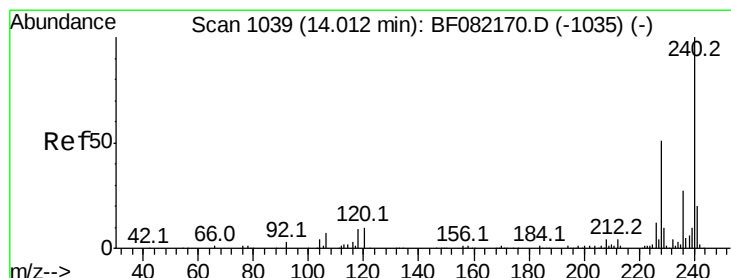
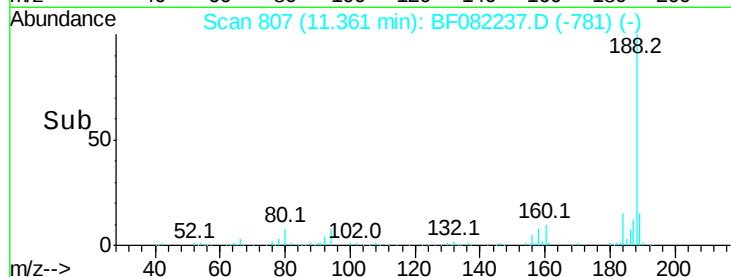
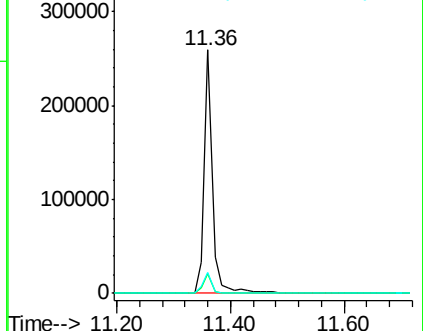
80 8.5 6.4 9.6



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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

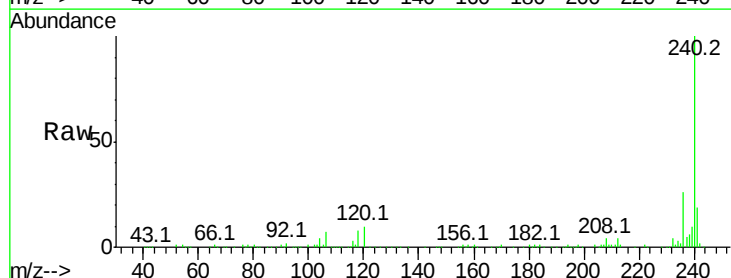
Tgt Ion:240 Resp: 254416

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

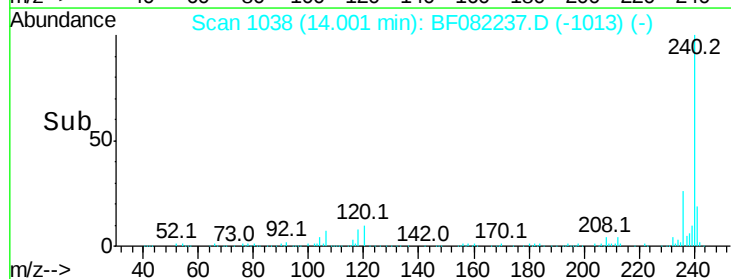
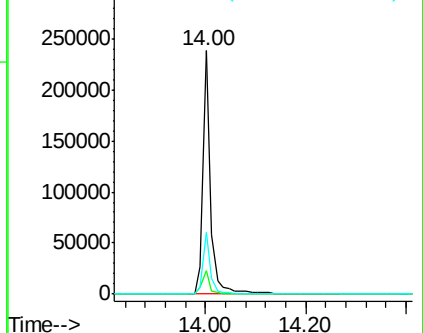
236 25.6 21.3 31.9

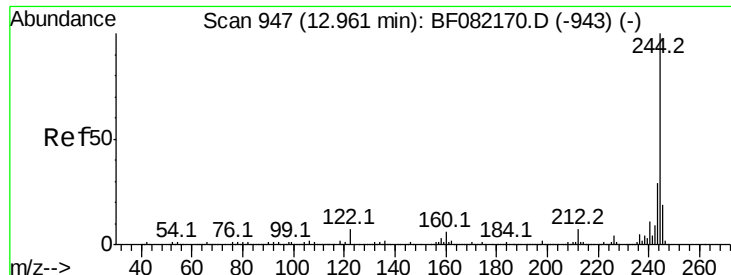


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.62 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)

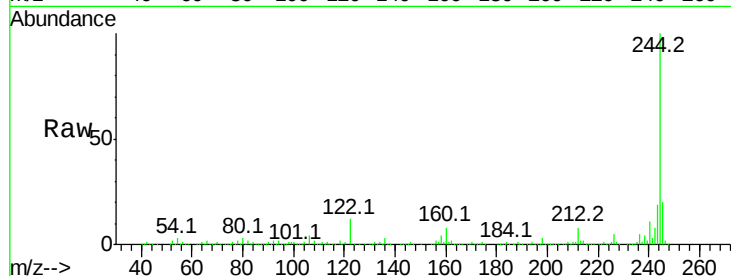
Tot Ion:244 Resp: 898858

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

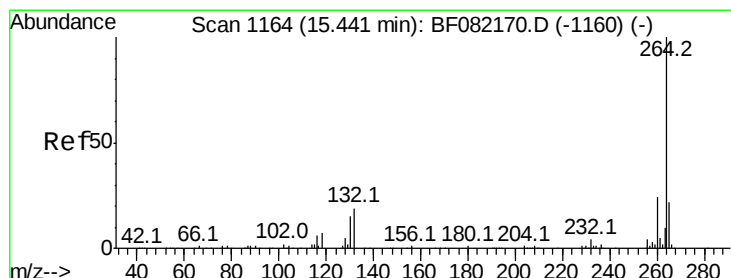
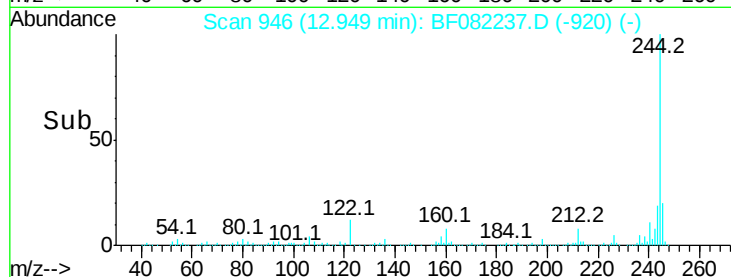
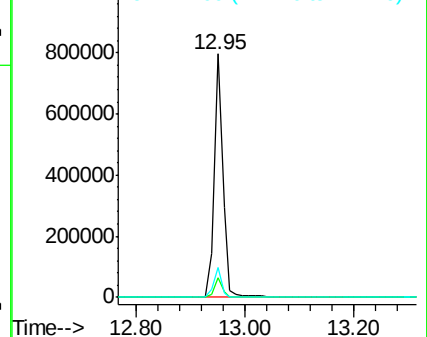
122 12.1 5.9 8.9#



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: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082237.D

Acq: 13 Oct 2015 1:58

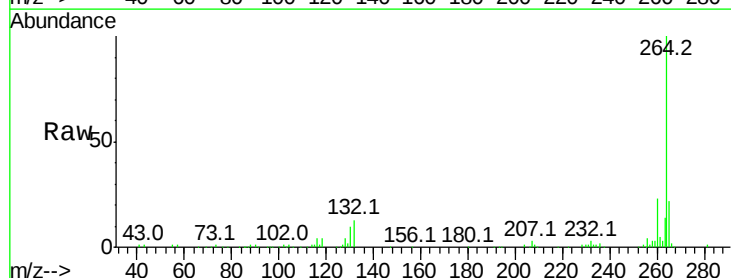
Tgt Ion:264 Resp: 194484

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.0 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

