

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081159.D
 Acq On : 21 Aug 2015 22:21
 Operator : UM/IZ
 Sample : G3230-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3A

Quant Time: Aug 22 00:21:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

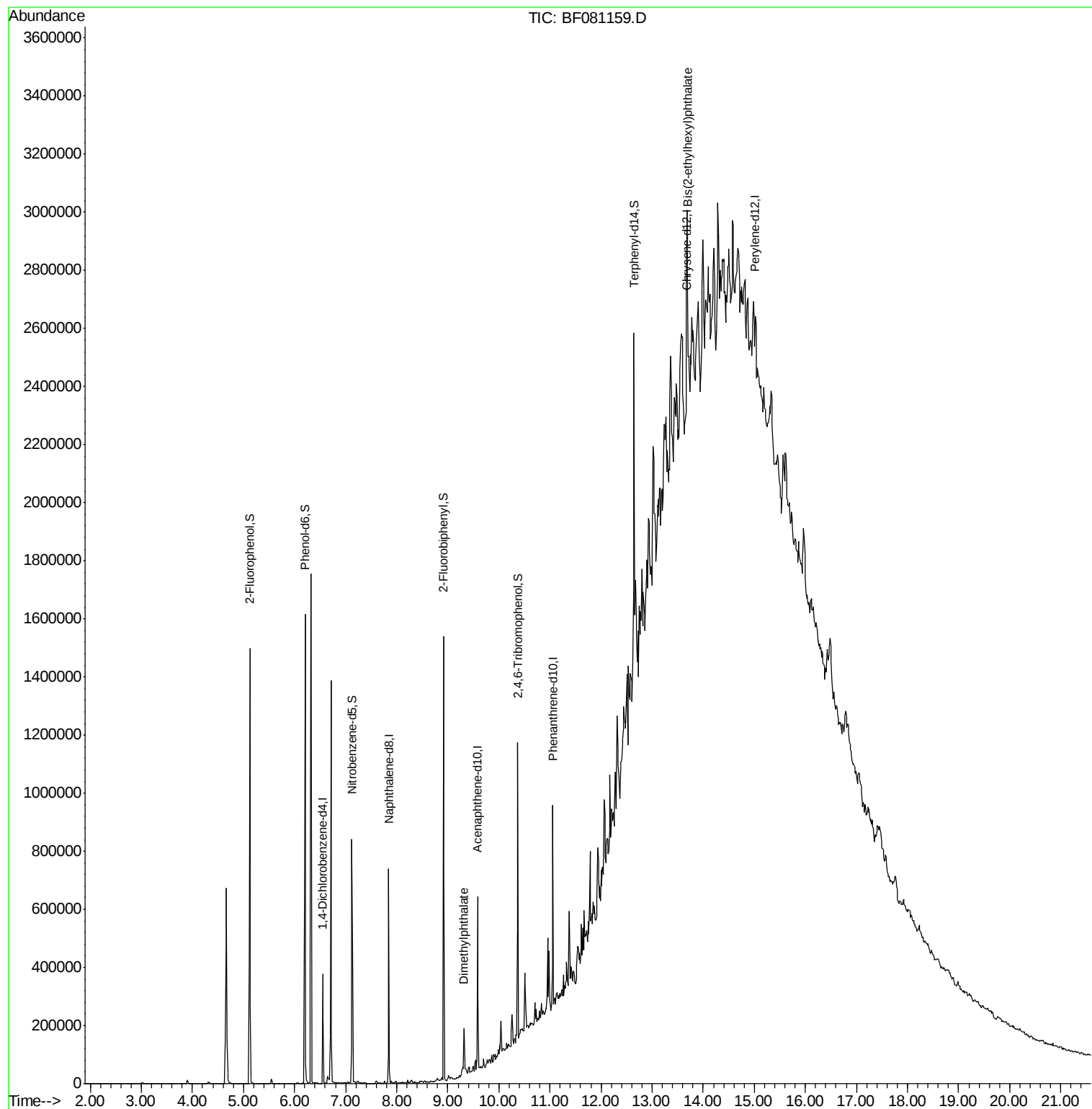
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	64885	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	281361	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	117268	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	240109	20.00	ng	0.00
75) Chrysene-d12	13.68	240	128118	20.00	ng	0.01
86) Perylene-d12	15.02	264	108849	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	378895	87.83	ng	0.01
7) Phenol-d6	6.21	99	537468	95.49	ng	0.00
23) Nitrobenzene-d5	7.12	82	334783	54.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	88654	87.21	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	542147	60.58	ng	-0.01
78) Terphenyl-d14	12.64	244	413812	69.24	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.32	163	47091	4.88	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	106716	18.61	ng	99

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

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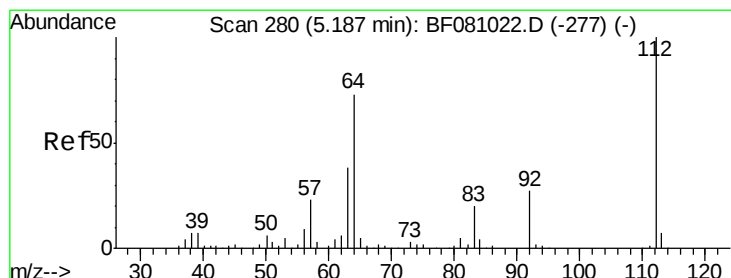
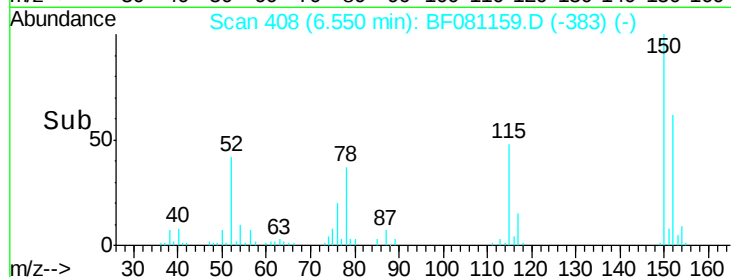
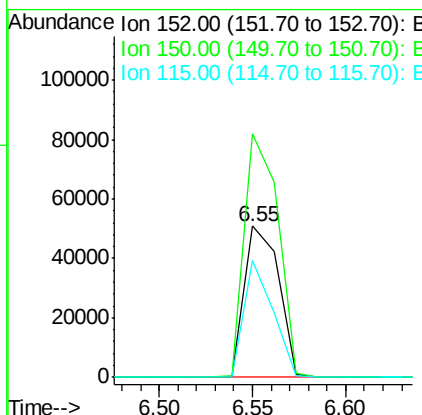
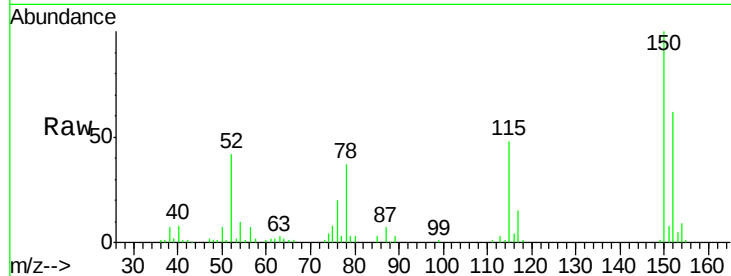




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

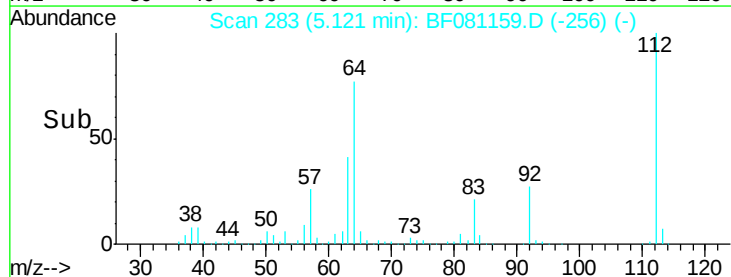
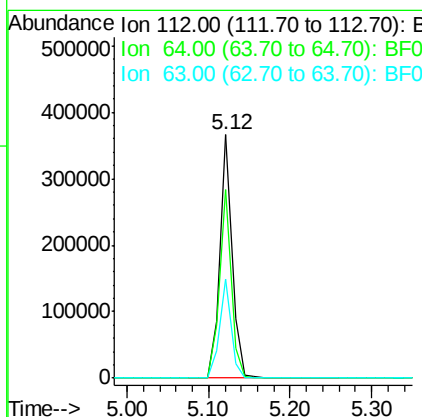
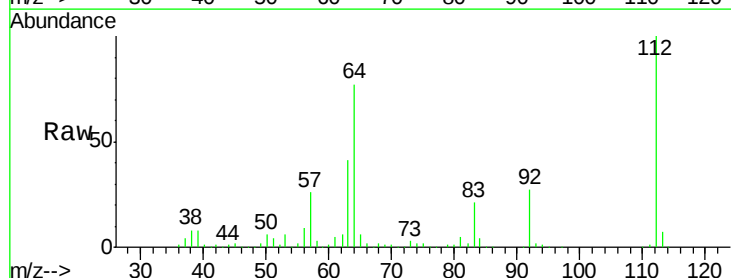
Instrument :
 BNA_F
 ClientSampleId :
 SB3A

Tgt Ion:152 Resp: 64885
 Ion Ratio Lower Upper
 152 100
 150 161.3 123.8 185.6
 115 77.5 52.1 78.1



#5
 2-Fluorophenol
 Concen: 87.83 ng
 RT: 5.12 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Tgt Ion:112 Resp: 378895
 Ion Ratio Lower Upper
 112 100
 64 77.3 66.9 100.3
 63 40.6 38.1 57.1





#7

Phenol-d6

Concen: 95.49 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

SB3A

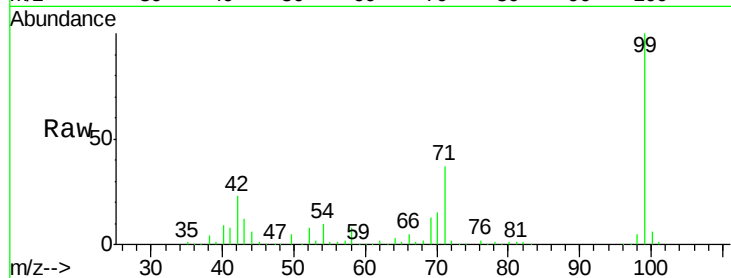
Tgt Ion: 99 Resp: 537468

Ion Ratio Lower Upper

99 100

42 22.8 19.6 29.4

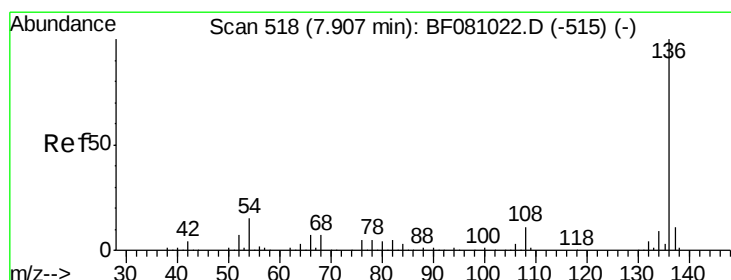
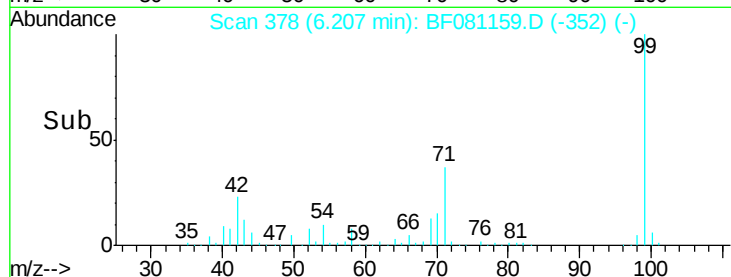
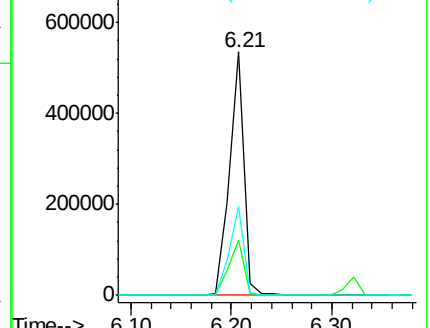
71 36.6 31.2 46.8



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: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Tgt Ion: 136 Resp: 281361

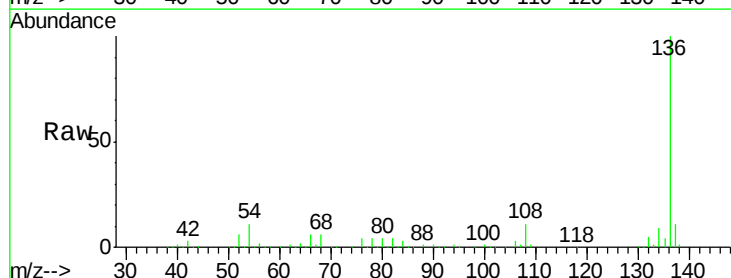
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 11.2 7.7 11.5

68 6.0 3.4 5.2#

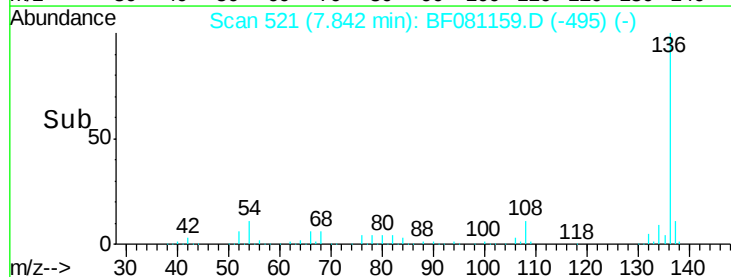
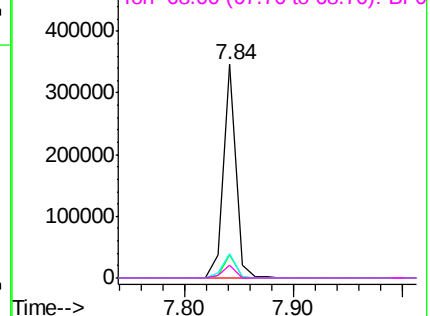


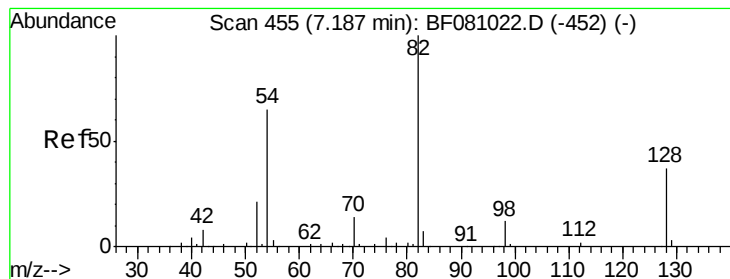
Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.35 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

SB3A

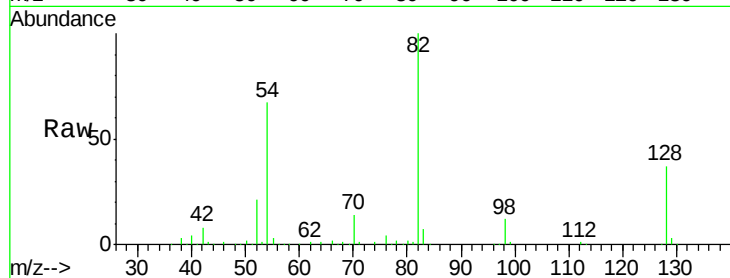
Tgt Ion: 82 Resp: 334783

Ion Ratio Lower Upper

82 100

128 36.6 28.6 42.8

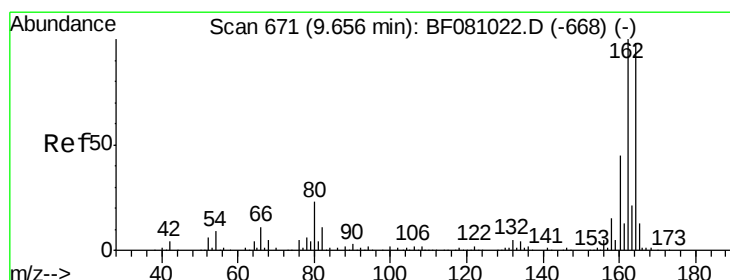
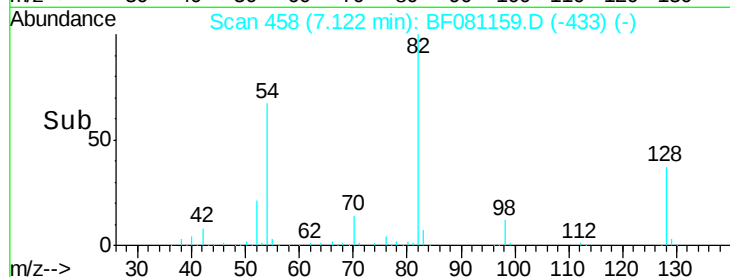
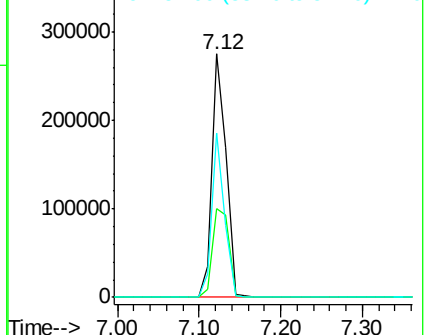
54 67.2 55.1 82.7



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: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

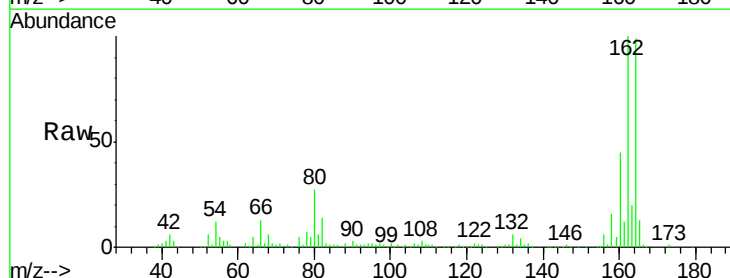
Tgt Ion: 164 Resp: 117268

Ion Ratio Lower Upper

164 100

162 100.9 83.8 125.8

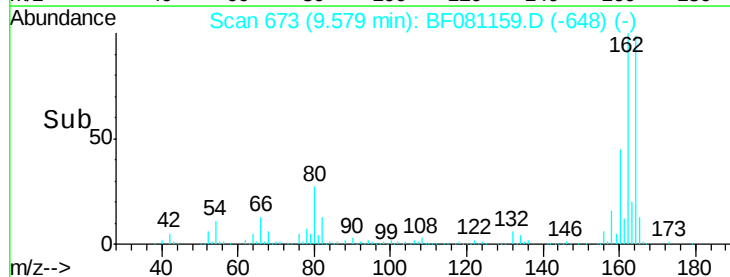
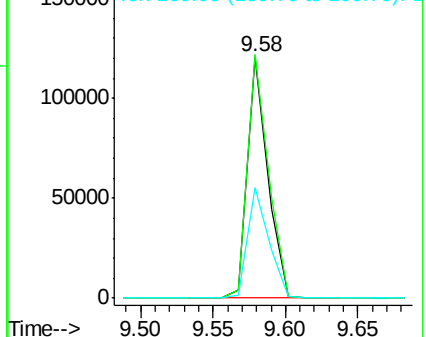
160 45.9 39.8 59.8

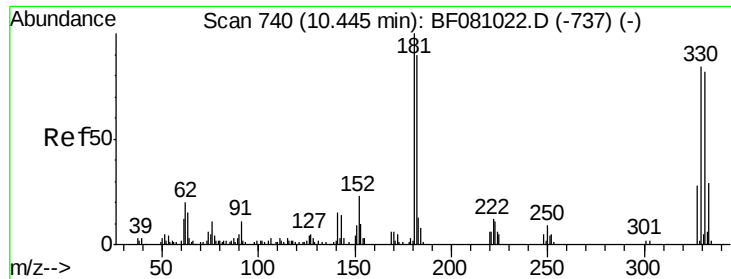


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

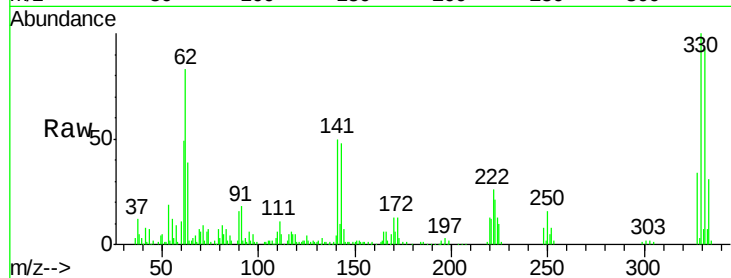




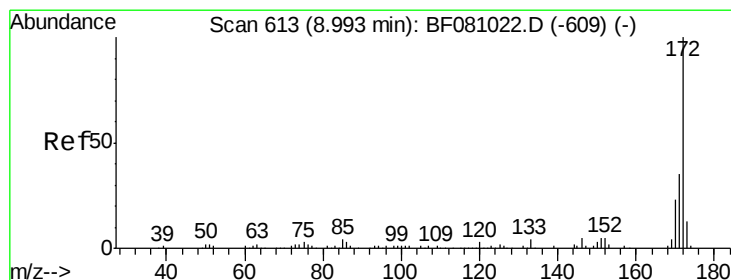
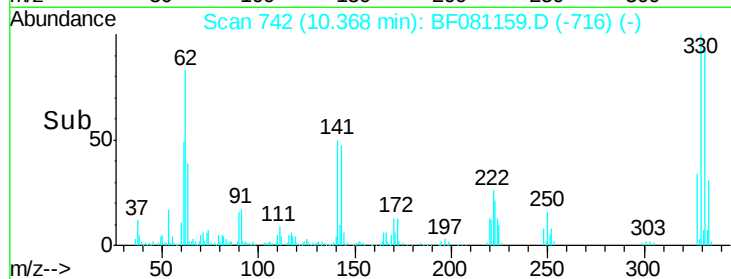
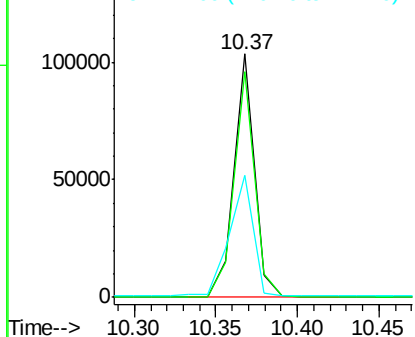
#41
 2,4,6-Tribromophenol
 Concen: 87.21 ng
 RT: 10.37 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SB3A

Tgt Ion:330 Resp: 88654
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.3 115.9
 141 57.9 44.9 67.3

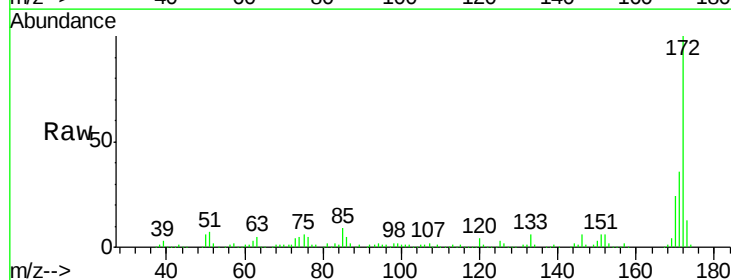


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

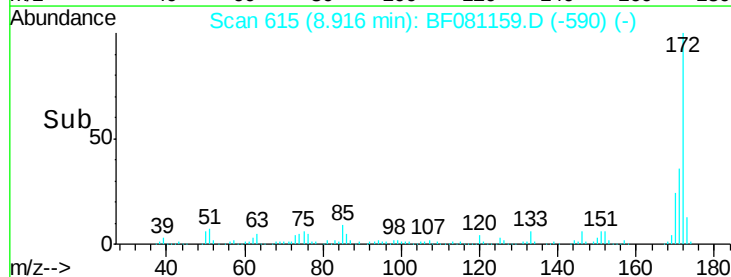
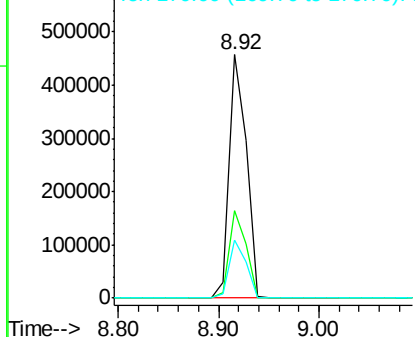


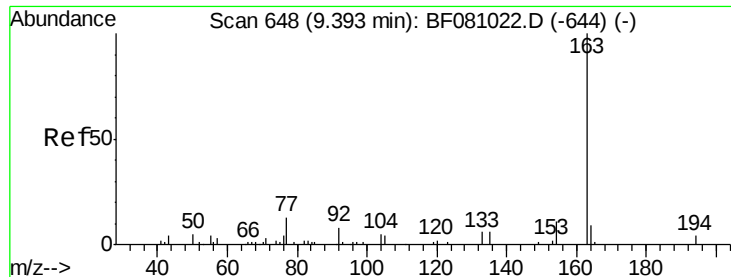
#44
 2-Fluorobiphenyl
 Concen: 60.58 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Tgt Ion:172 Resp: 542147
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.9 19.4 29.2



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: 4.88 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

SB3A

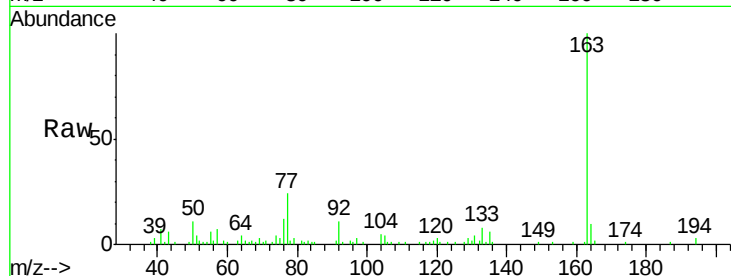
Tgt Ion:163 Resp: 47091

Ion Ratio Lower Upper

163 100

194 2.8 2.5 3.7

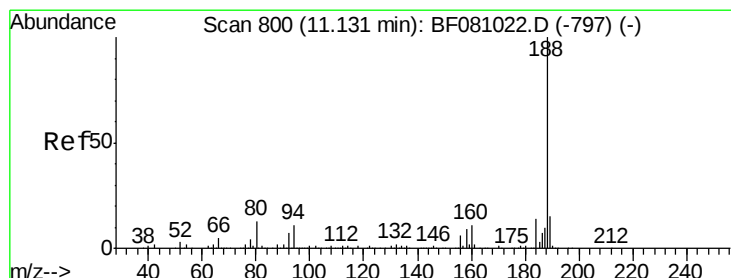
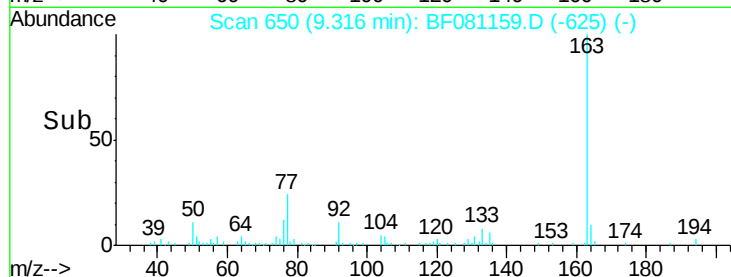
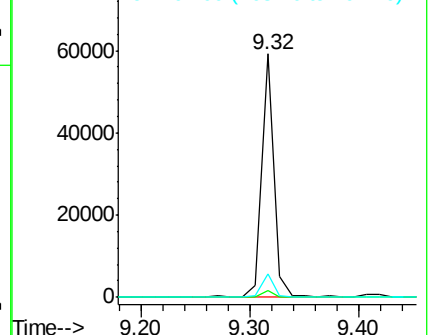
164 9.9 8.1 12.1



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: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

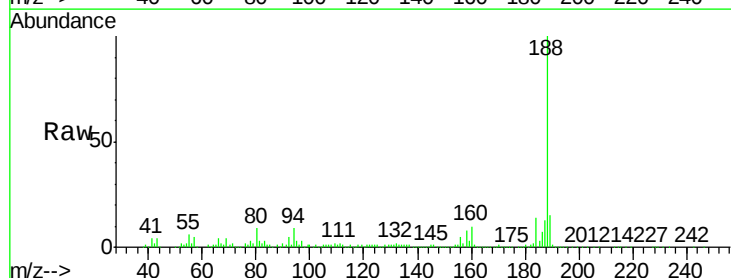
Tgt Ion:188 Resp: 240109

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

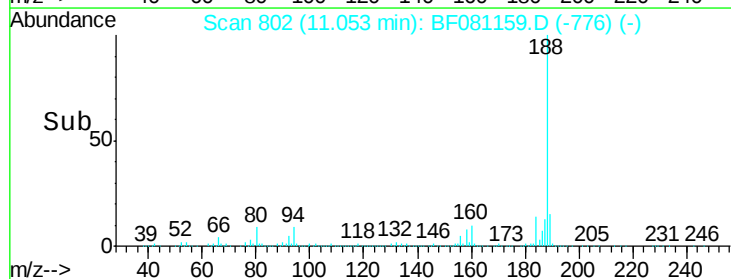
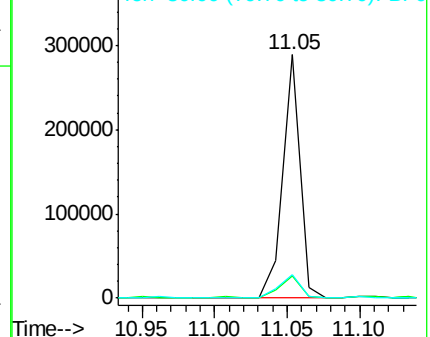
80 9.4 9.5 14.3#

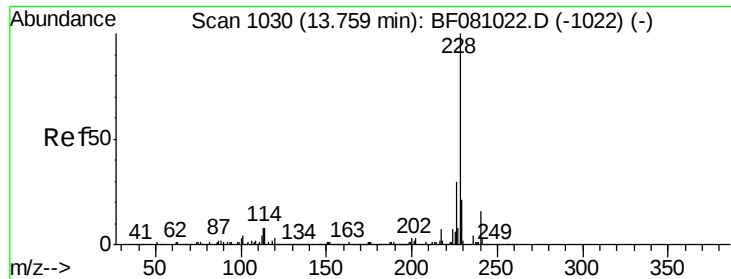


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.68 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampled :

SB3A

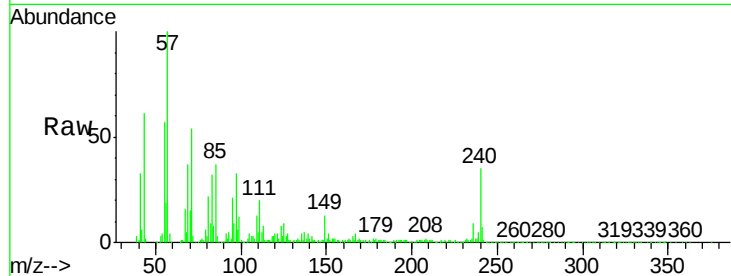
Tgt Ion:240 Resp: 128118

Ion Ratio Lower Upper

240 100

120 10.1 5.6 8.4#

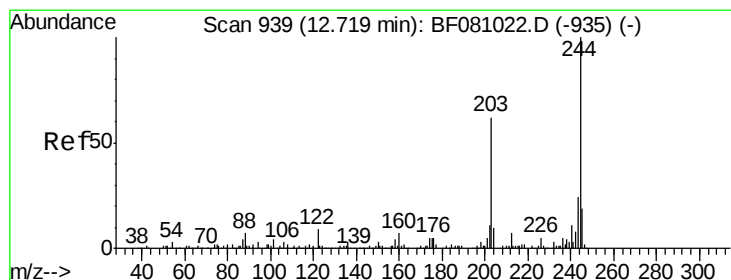
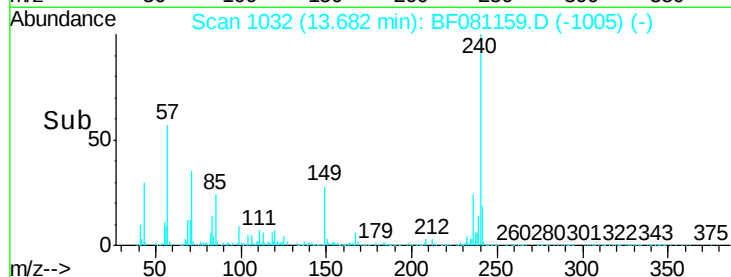
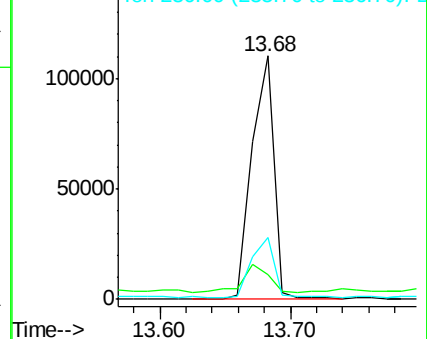
236 25.3 20.6 30.8



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: 69.24 ng

RT: 12.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

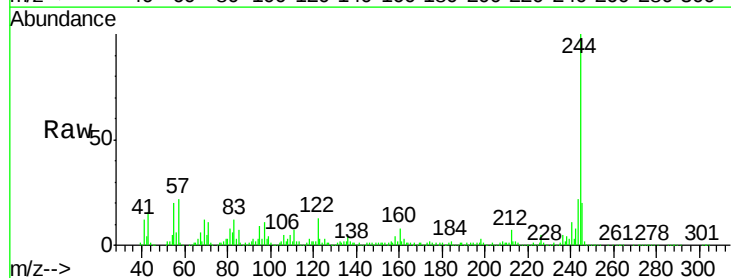
Tgt Ion:244 Resp: 413812

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

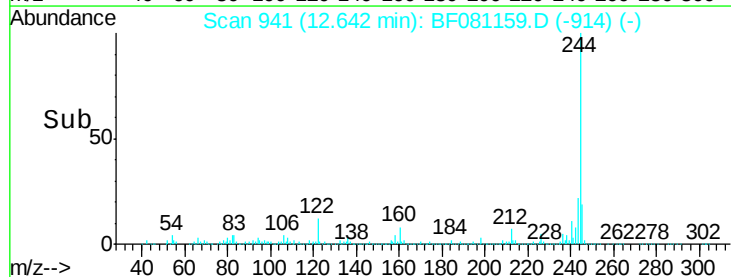
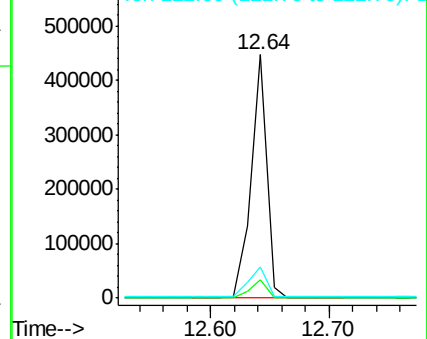
122 12.7 8.2 12.4#

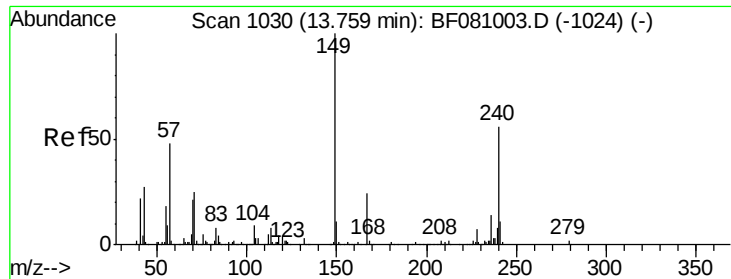


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

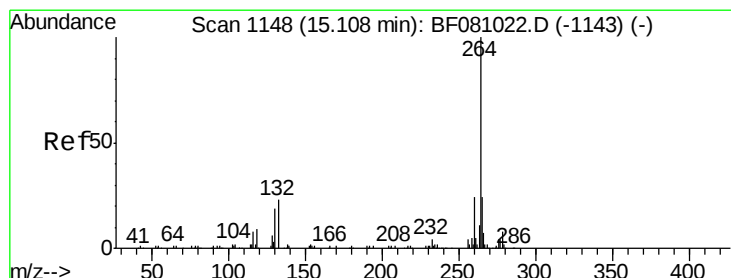
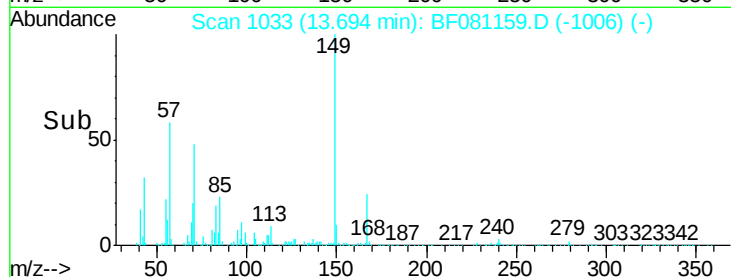
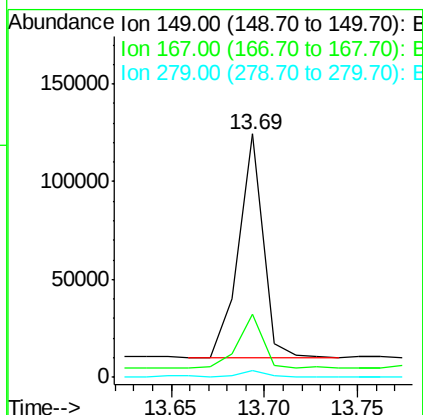
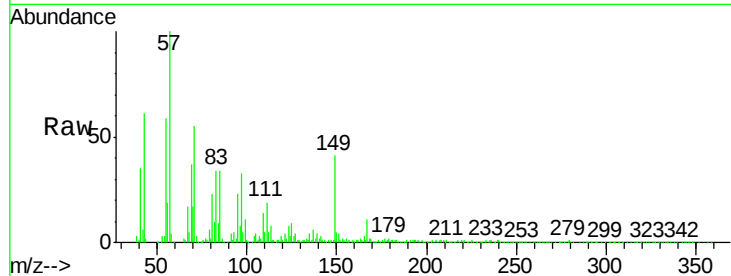




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.61 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SB3A

Tgt Ion:149 Resp: 106716
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.7 31.1
 279 2.6 2.2 3.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1149
 Delta R.T. 0.02 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Tgt Ion:264 Resp: 108849
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.9 17.5 26.3

