

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087722.D
 Acq On : 5 Jun 2016 22:22
 Operator : UM/SJ
 Sample : H3379-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Jun 06 04:28:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

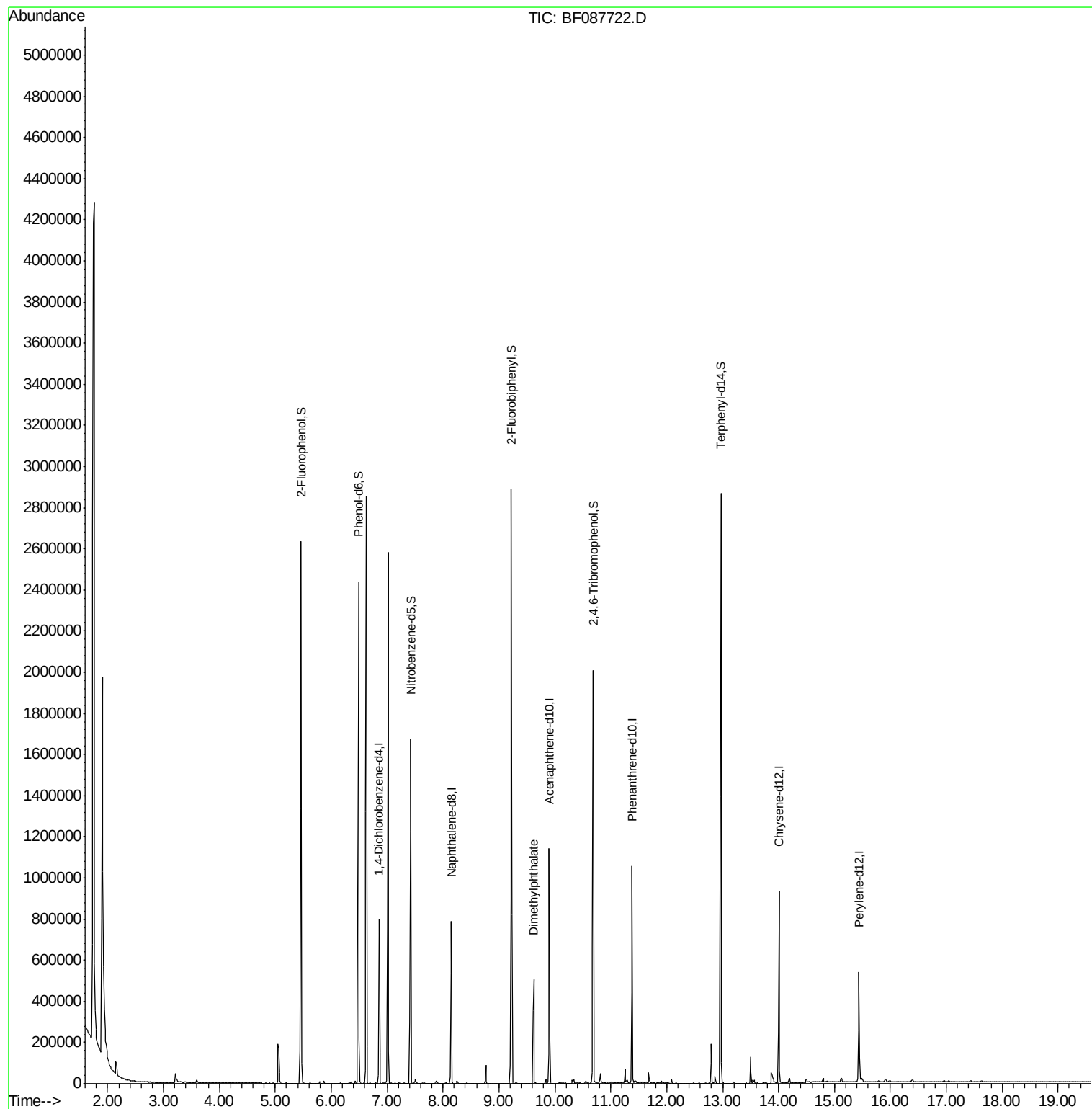
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115847	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	481695	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221695	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	420311	20.00	ng	0.00
75) Chrysene-d12	14.01	240	313255	20.00	ng	-0.01
86) Perylene-d12	15.44	264	239472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	843765	117.72	ng	0.01
7) Phenol-d6	6.49	99	1034673	115.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	764740	91.85	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	251205	112.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1118975	74.48	ng	-0.01
78) Terphenyl-d14	12.97	244	980019	76.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	298204	18.50	ng	Qvalue 98

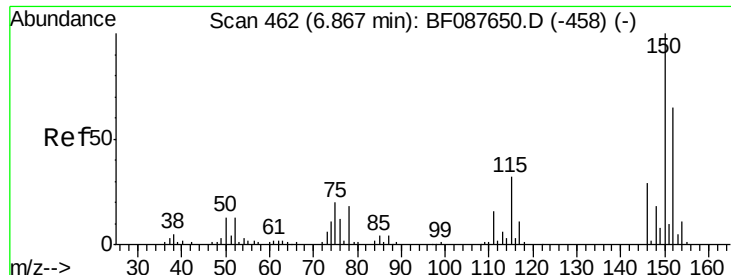
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

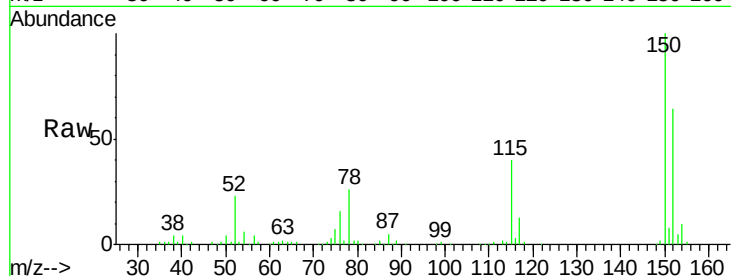
Tot Ion:152 Resp: 115847

Ion Ratio Lower Upper

152 100

150 156.6 123.8 185.6

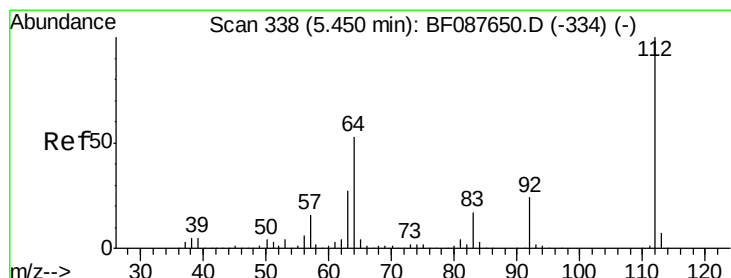
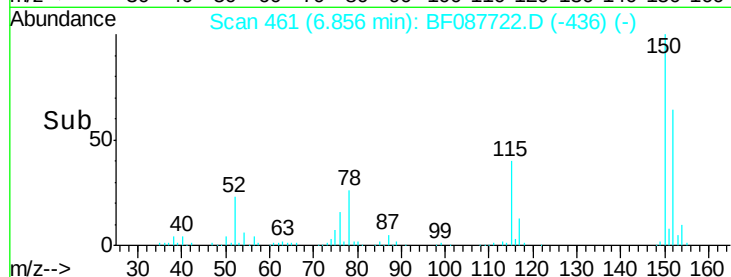
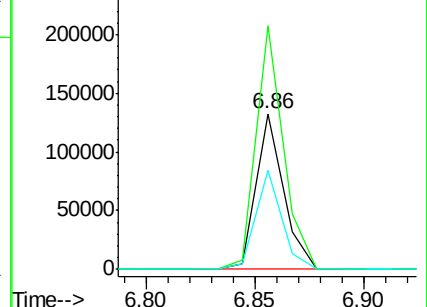
115 63.3 39.6 59.4#



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: 117.72 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

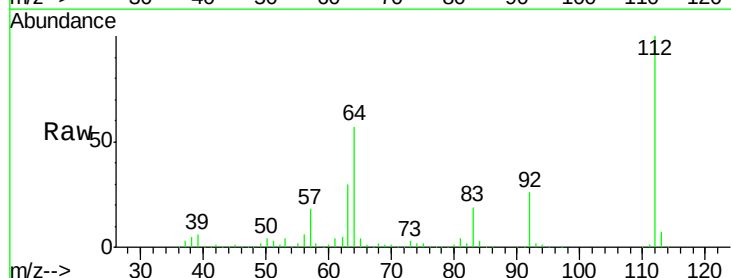
Tgt Ion:112 Resp: 843765

Ion Ratio Lower Upper

112 100

64 57.3 42.2 63.2

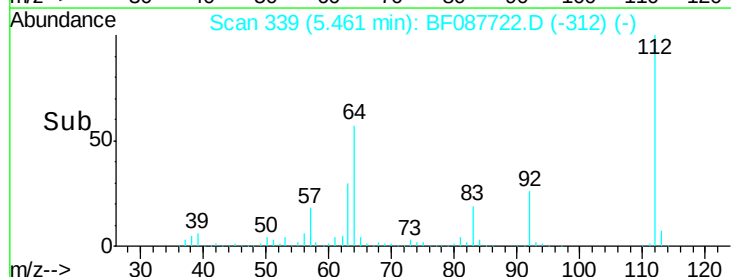
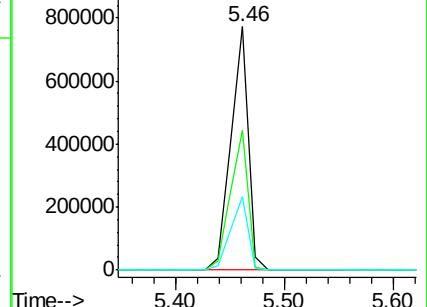
63 29.9 21.8 32.8

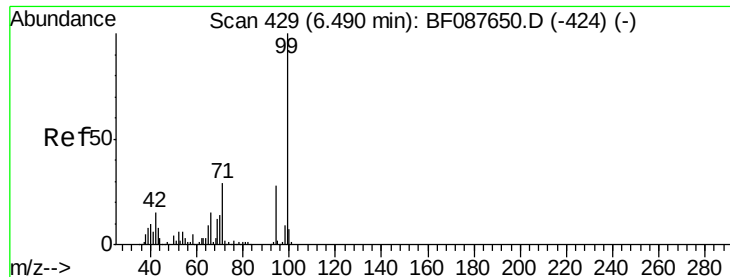


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.11 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

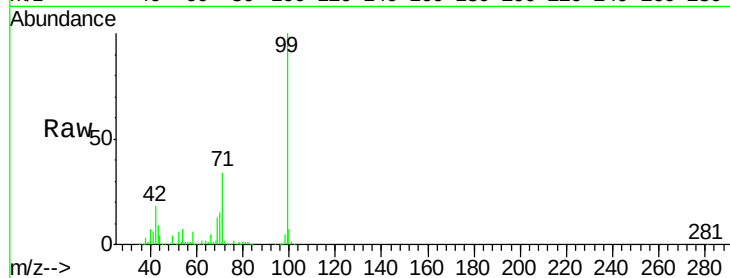
Tot Ion: 99 Resp: 1034673

Ion Ratio Lower Upper

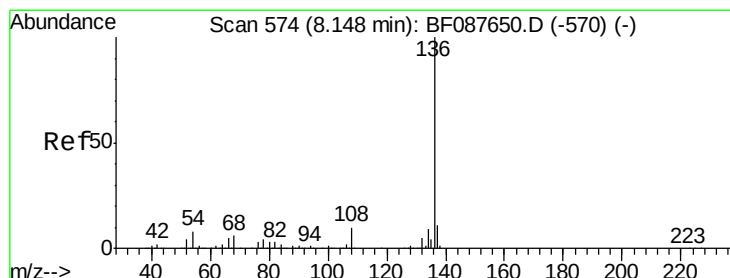
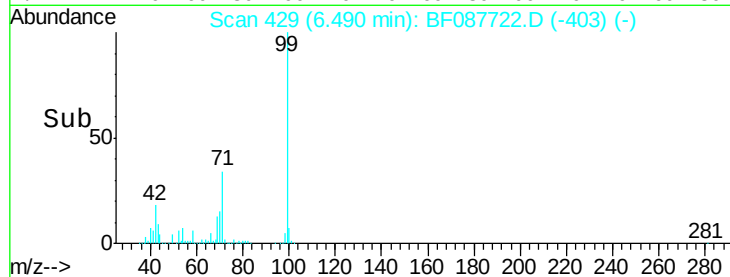
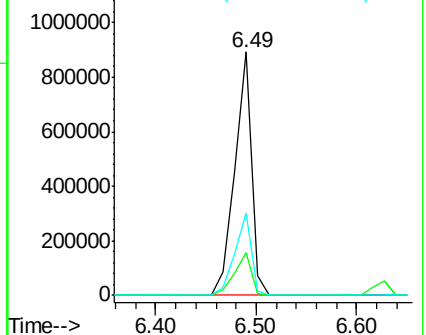
99 100

42 17.7 12.2 18.2

71 33.7 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Tgt Ion: 136 Resp: 481695

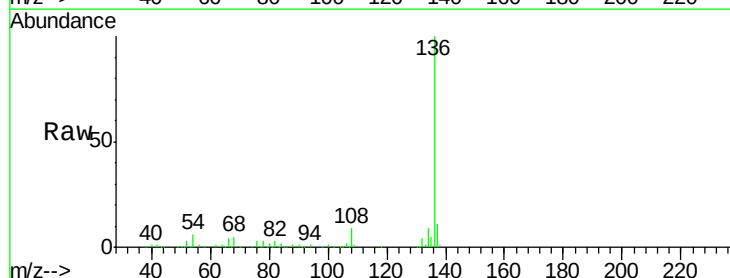
Ion Ratio Lower Upper

136 100

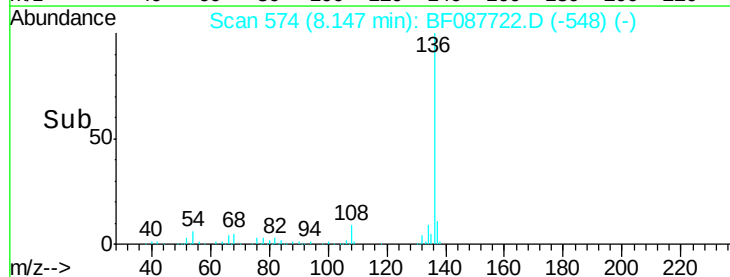
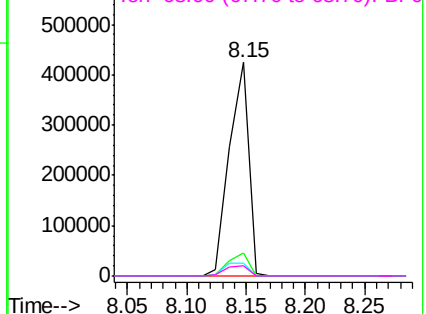
137 10.9 9.1 13.7

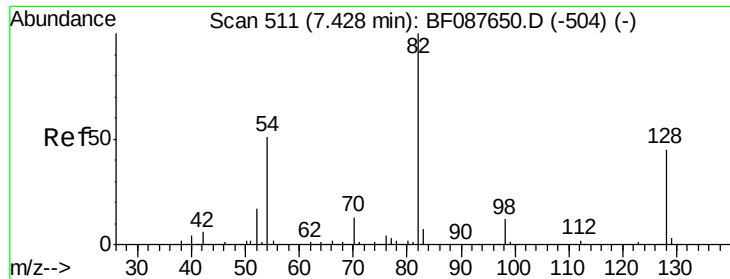
54 5.8 6.6 10.0#

68 4.8 5.1 7.7#



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

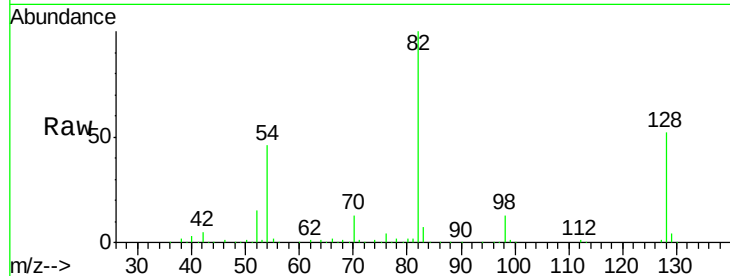




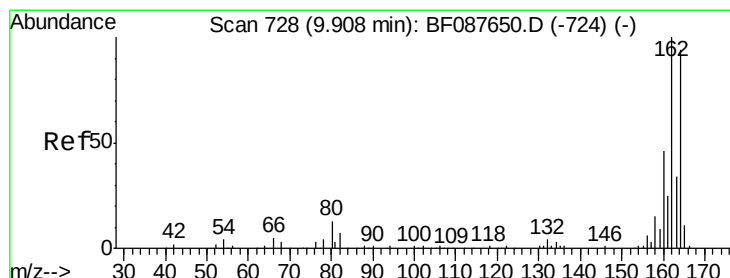
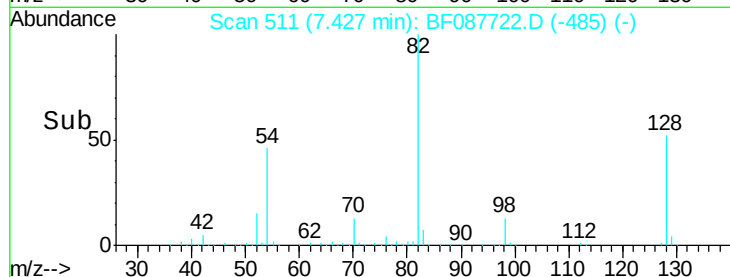
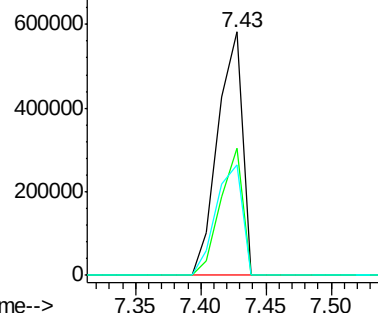
#23
 Nitrobenzene-d5
 Concen: 91.85 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tot Ion	82	Resp	764740
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
54	45.6		61.3

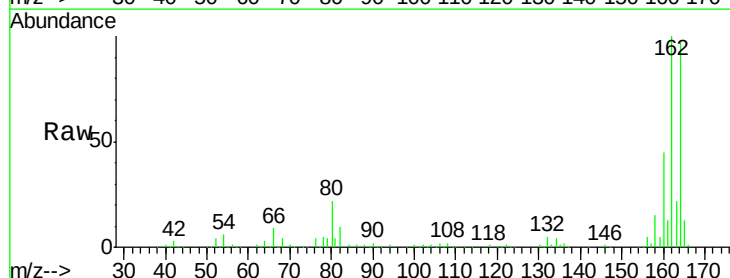


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

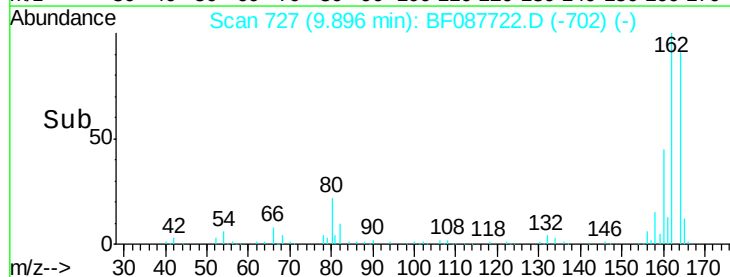
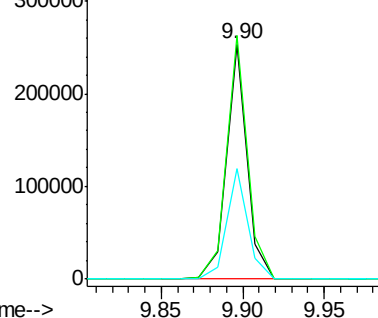


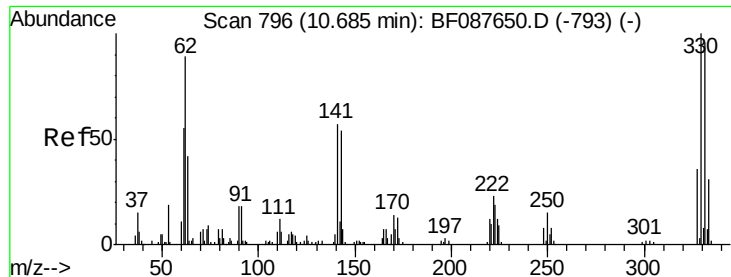
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

Tgt Ion	164	Resp	221695
Ion Ratio	100		
Lower	85.4		
Upper	128.2		
162	103.6		59.3
160	46.8		



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: 112.88 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

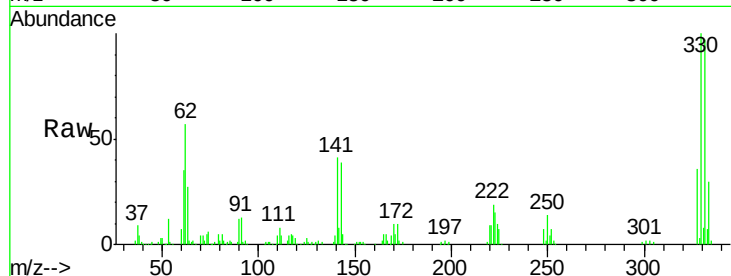
Tot Ion:330 Resp: 251205

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

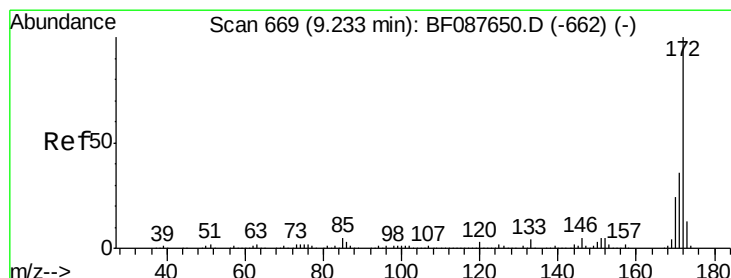
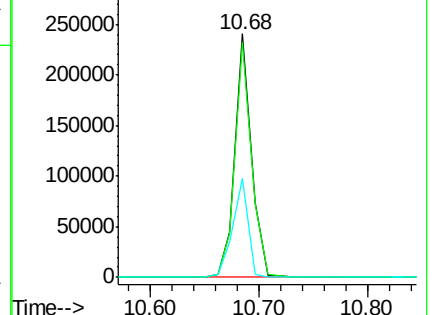
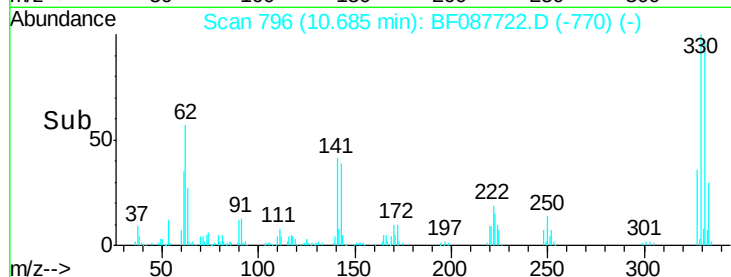
141 38.0 0.0 0.0#



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: 74.48 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

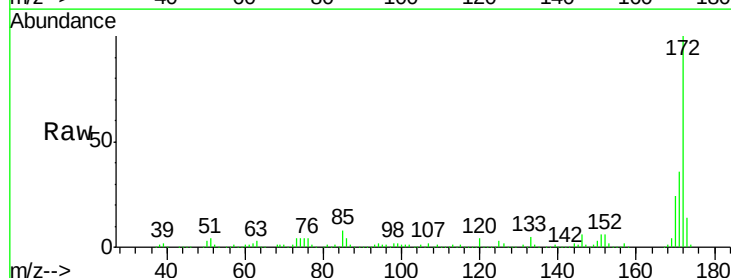
Tgt Ion:172 Resp: 1118975

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

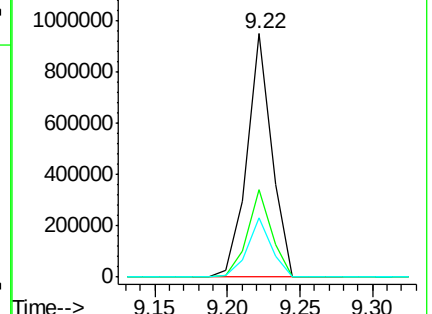
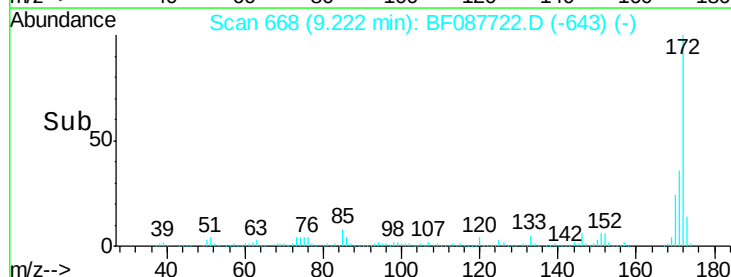
170 24.4 19.2 28.8

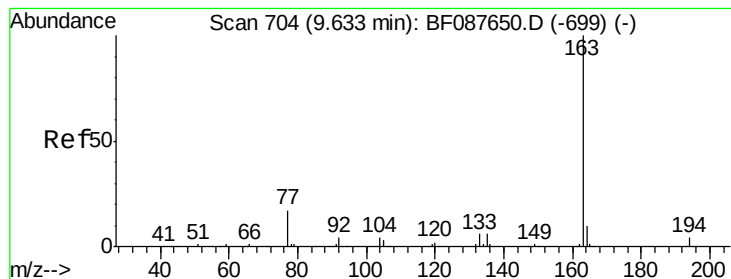


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 18.50 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

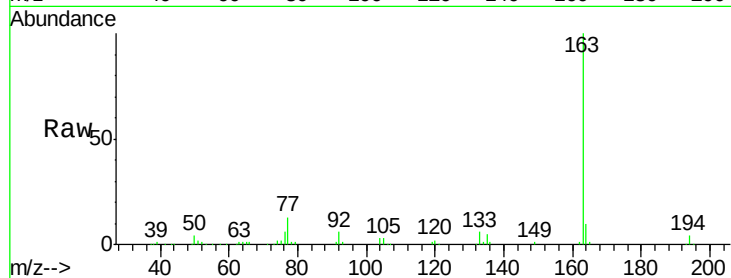
Tot Ion:163 Resp: 298204

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

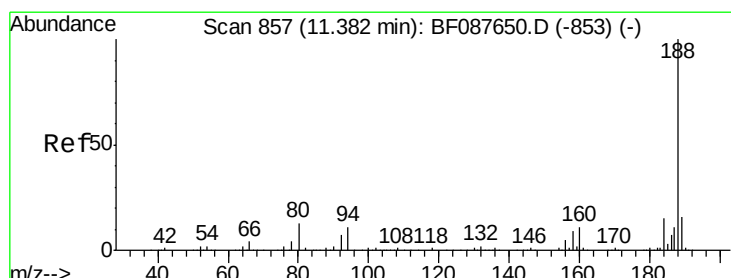
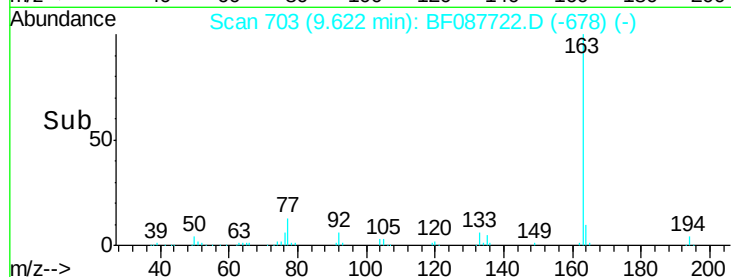
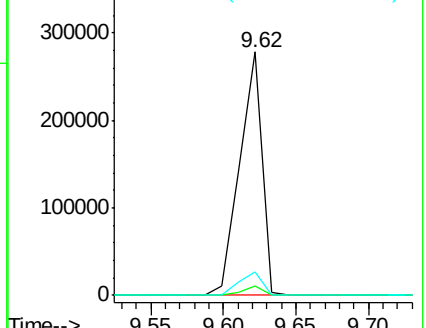
164 9.7 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

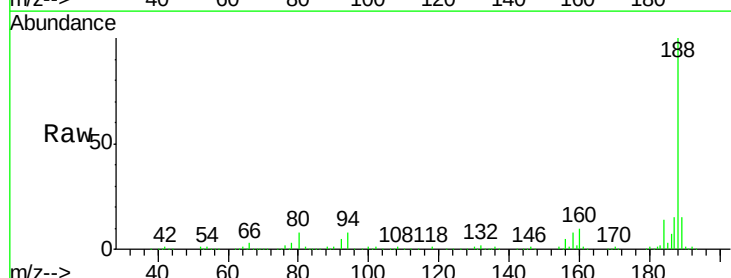
Tgt Ion:188 Resp: 420311

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

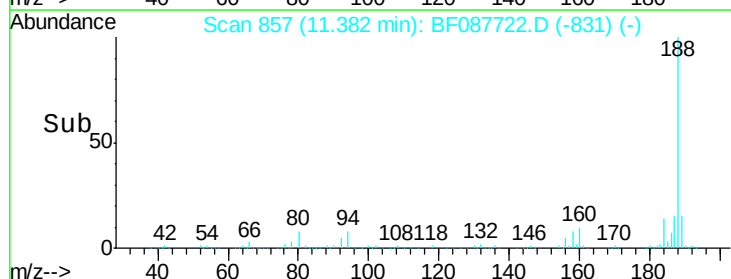
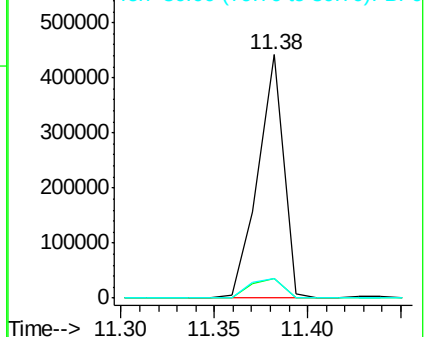
80 8.0 10.0 15.0#

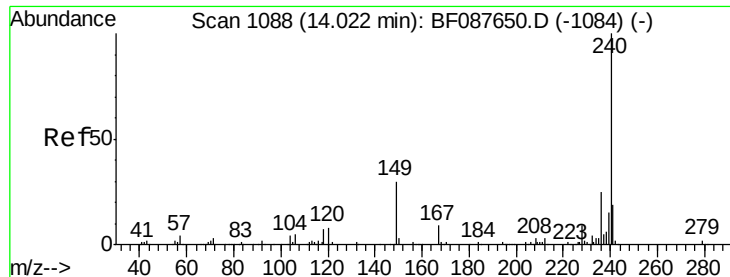


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

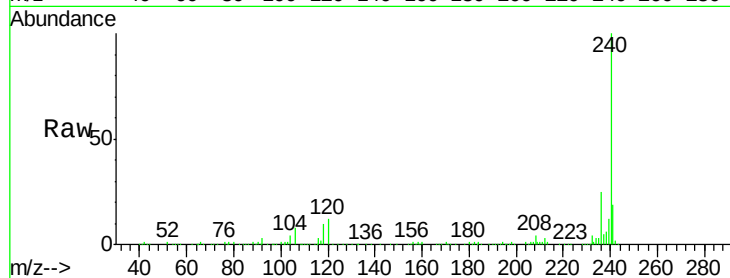
Tot Ion:240 Resp: 313255

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

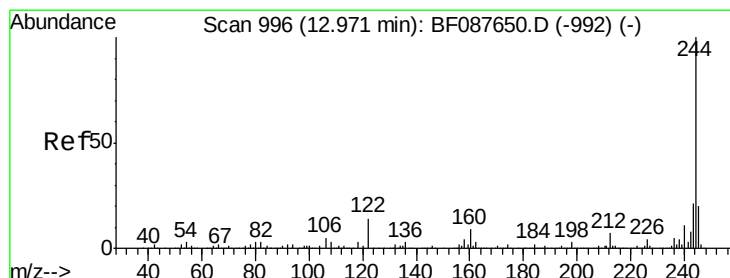
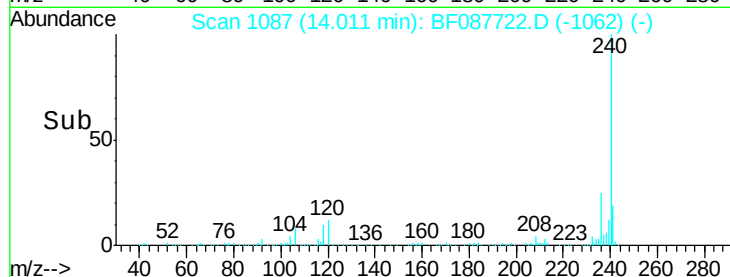
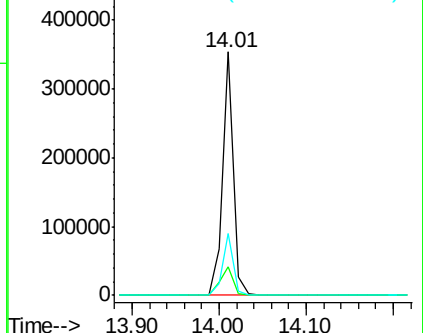
236 25.4 20.2 30.2



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: 76.34 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

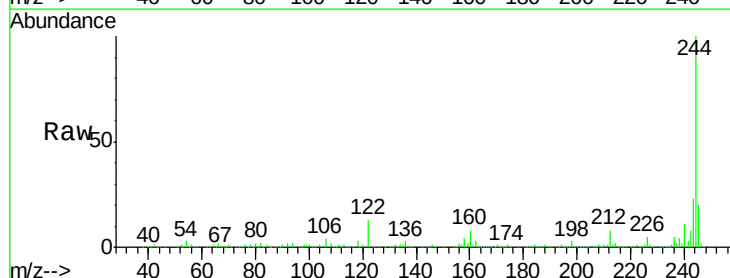
Tgt Ion:244 Resp: 980019

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

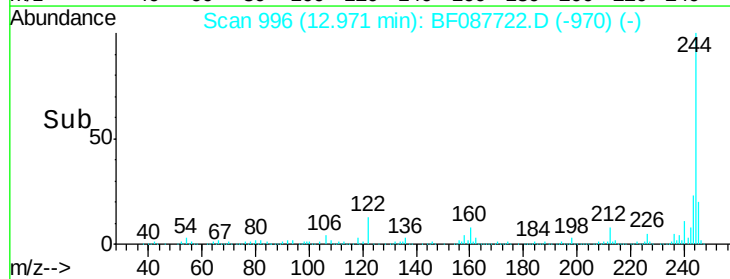
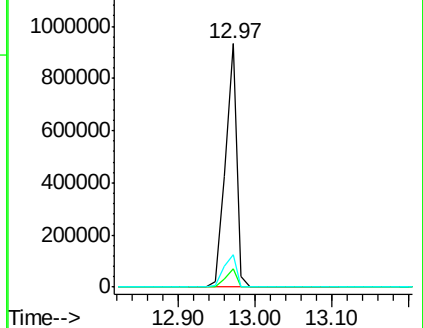
122 13.1 11.2 16.8

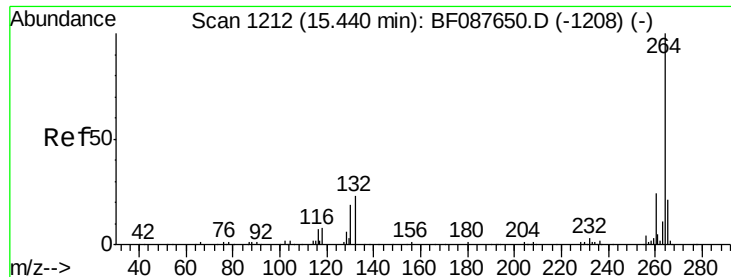


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



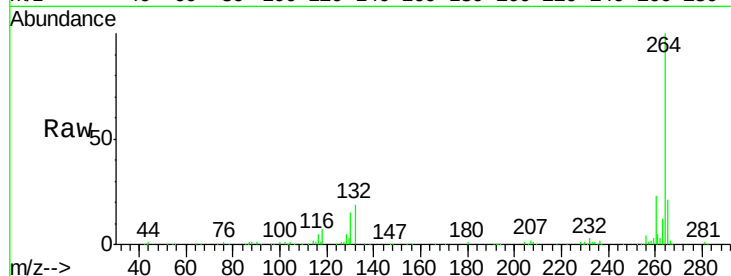


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087722.D
Acq: 5 Jun 2016 22:22

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:264 Resp: 239472

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	16.9	25.3



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

