

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087059.D
 Acq On : 15 May 2016 10:09
 Operator : UM/SJ
 Sample : H3053-04
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: May 16 07:21:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

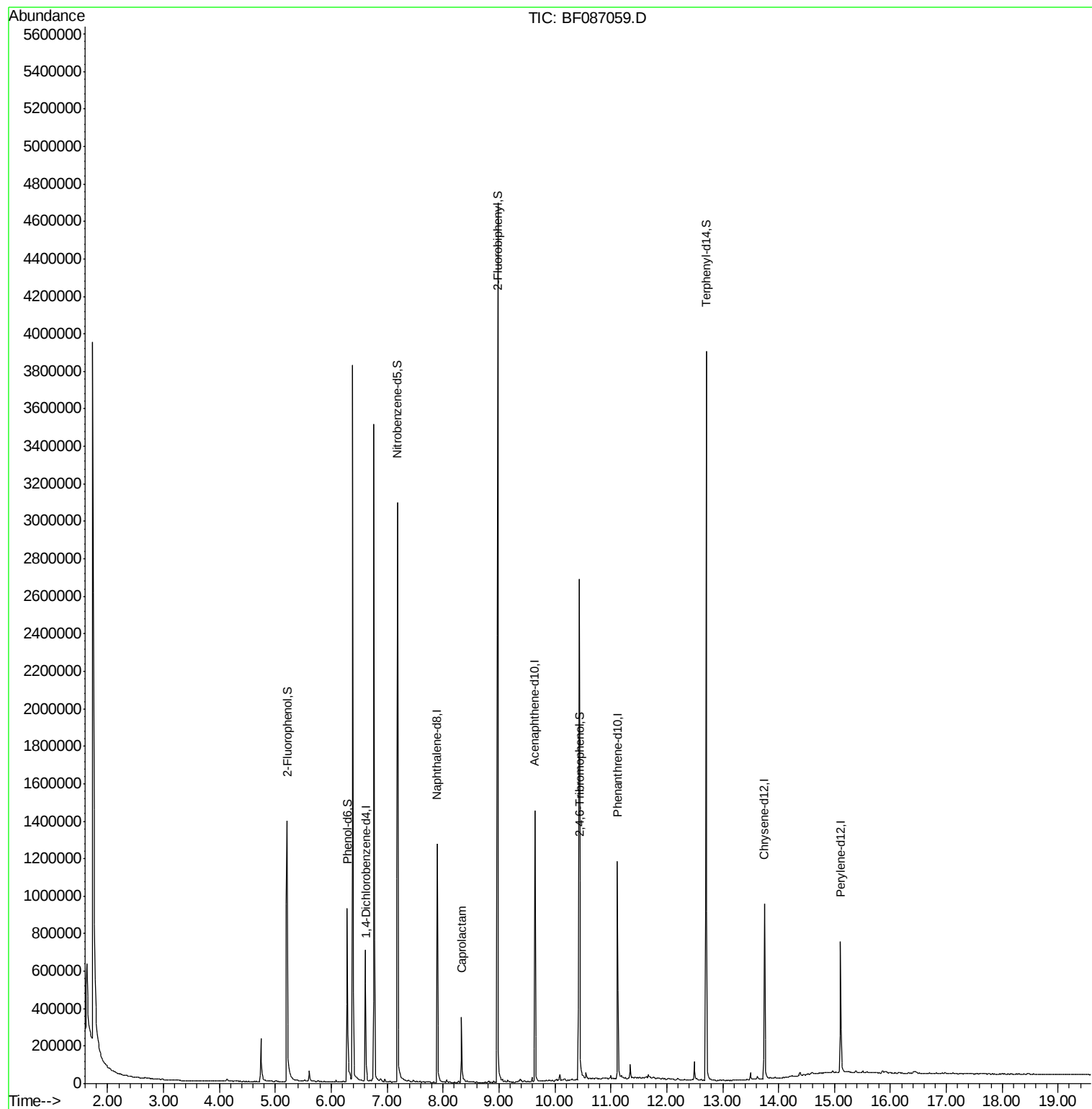
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	131576	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	547026	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	261833	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	459248	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	317458	20.00	ng	-0.01
86) Perylene-d12	15.11	264	301937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	512723	65.99	ng	0.01
7) Phenol-d6	6.28	99	404927	39.00	ng	0.00
23) Nitrobenzene-d5	7.19	82	1007360	92.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	349787	126.19	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1615228	103.68	ng	0.00
78) Terphenyl-d14	12.71	244	1217420	81.37	ng	0.00
Target Compounds						
35) Caprolactam	8.33	113	31882	12.69	ng	Qvalue # 67

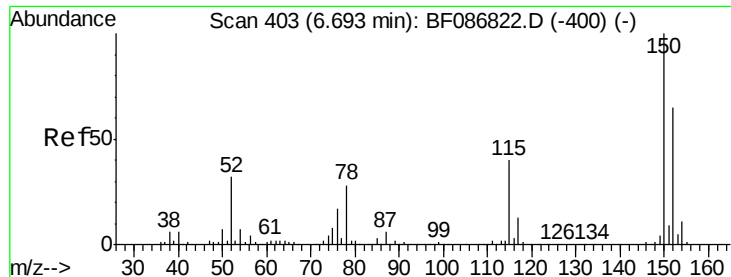
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

Instrument :

BNA_F

ClientSampled :

W-20

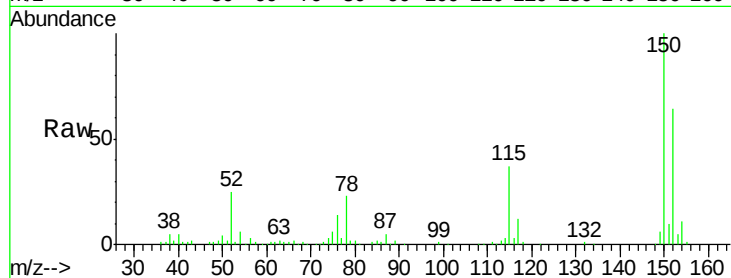
Tgt Ion:152 Resp: 131576

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

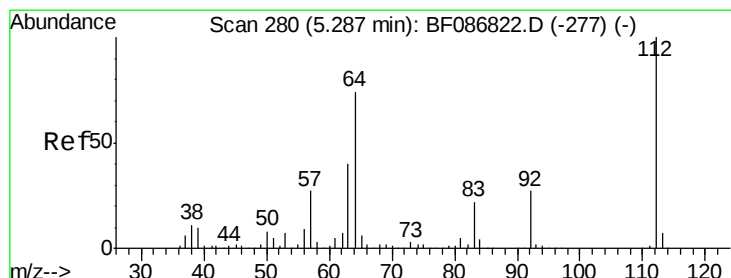
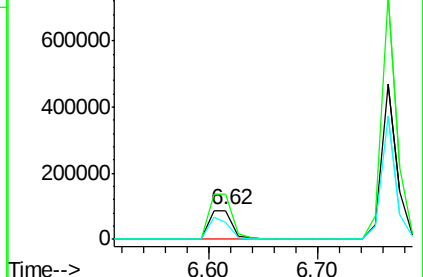
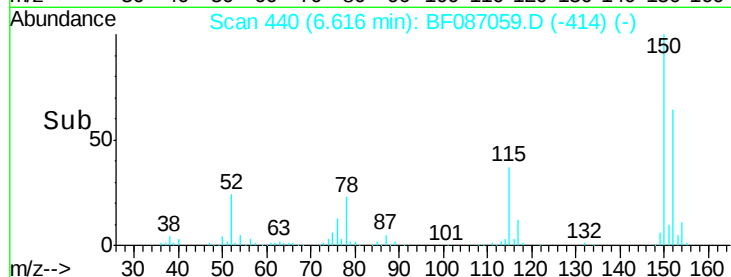
115 57.6 51.5 77.3



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: 65.99 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

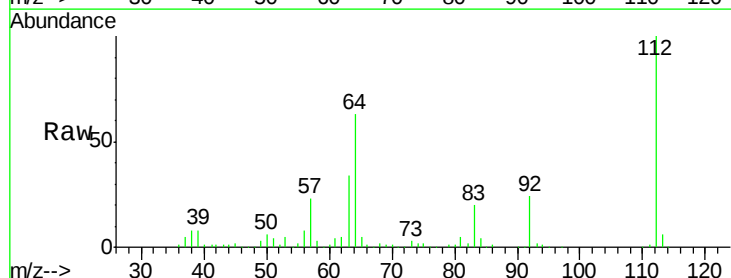
Tgt Ion:112 Resp: 512723

Ion Ratio Lower Upper

112 100

64 62.7 52.1 78.1

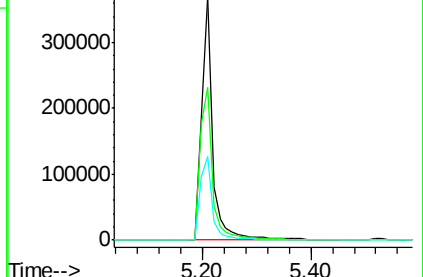
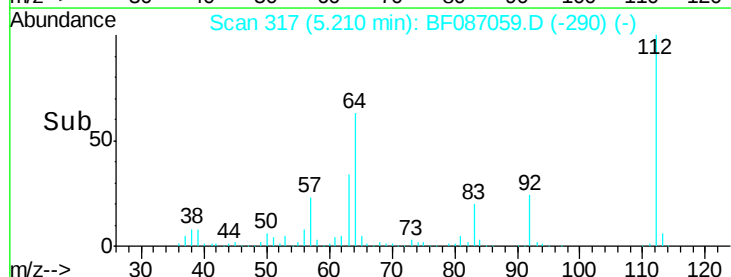
63 34.2 25.7 38.5

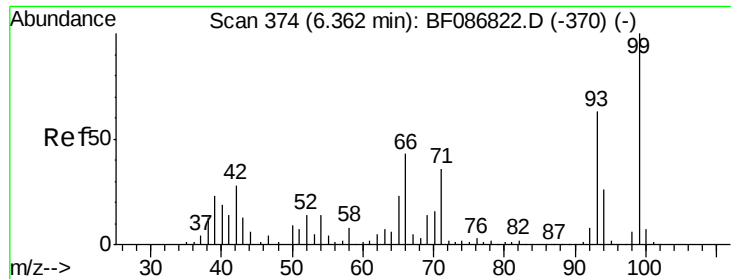


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.00 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

Instrument :

BNA_F

ClientSampleId :

W-20

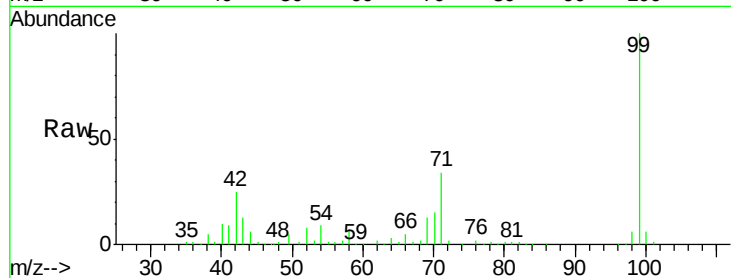
Tgt Ion: 99 Resp: 404927

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

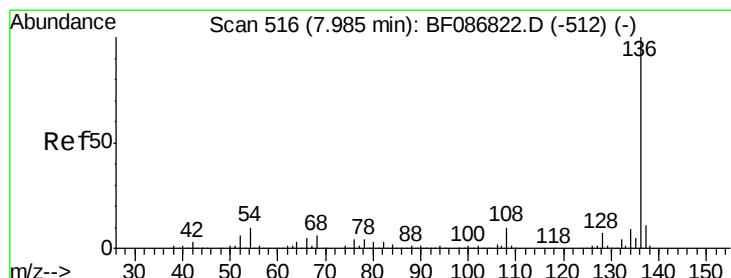
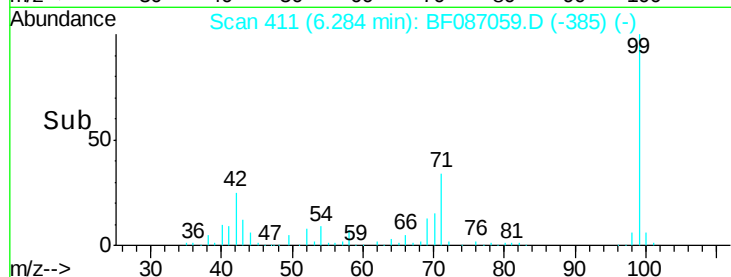
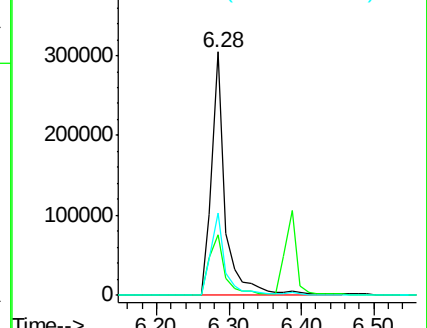
71 34.0 24.6 36.8



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

Tgt Ion: 136 Resp: 547026

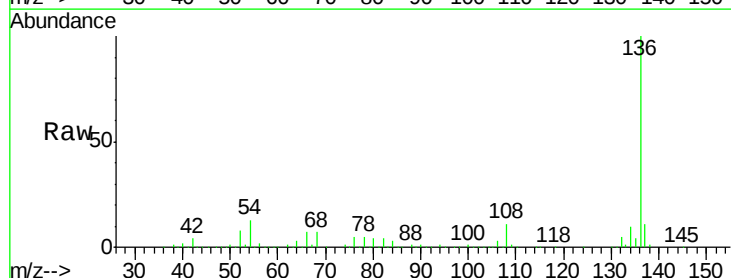
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.4 5.0 7.4#

68 7.1 4.4 6.6#

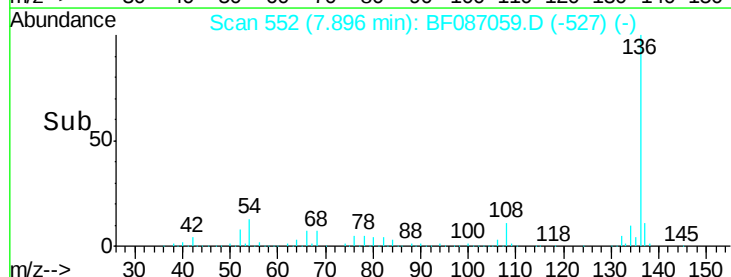
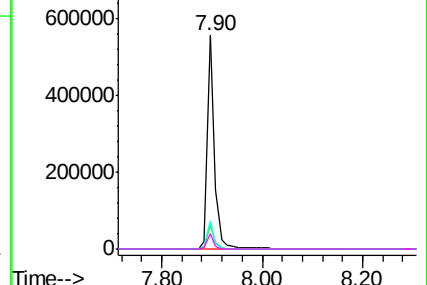


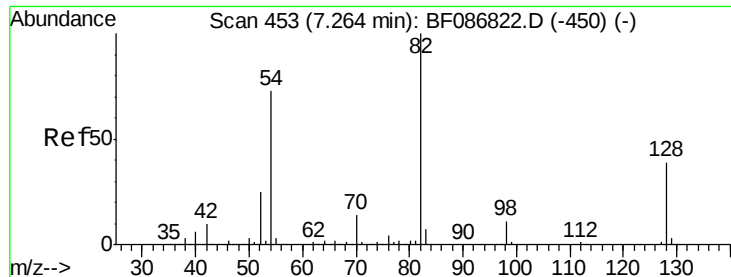
Abundance Ion 136.00 (135.70 to 136.70): E

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

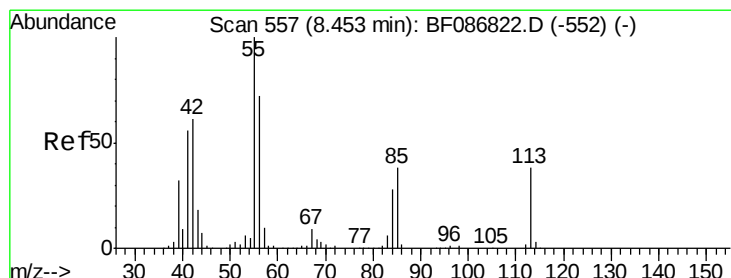
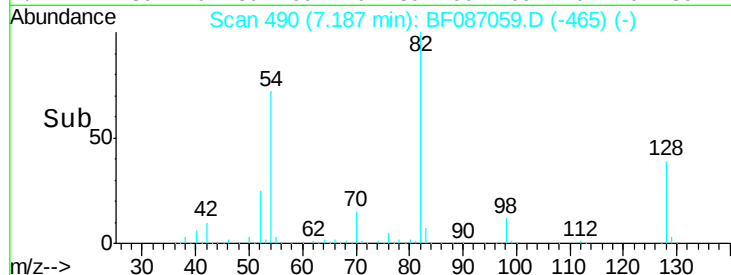
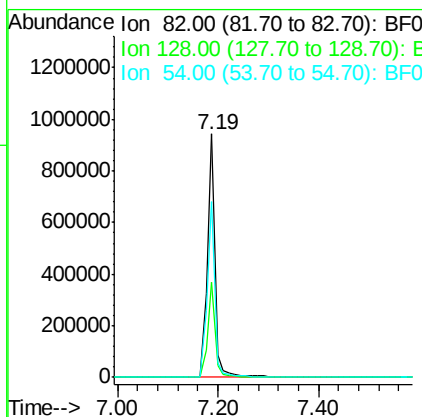
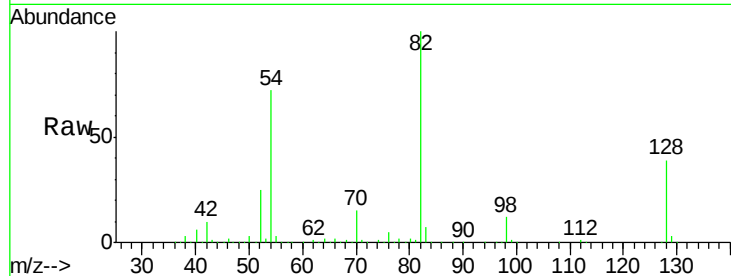




#23
 Nitrobenzene-d5
 Concen: 92.47 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087059.D
 Acq: 15 May 2016 10:09

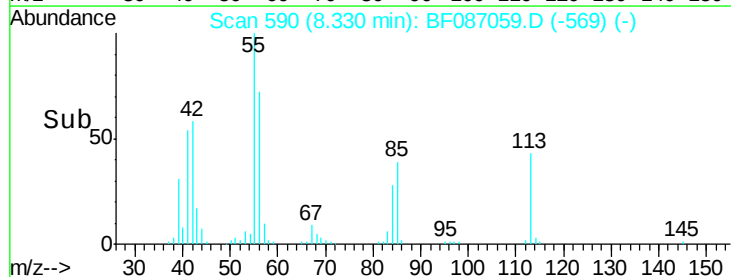
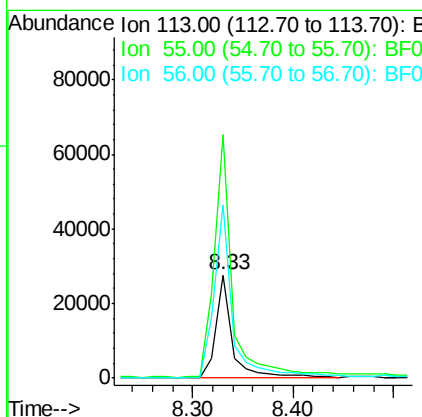
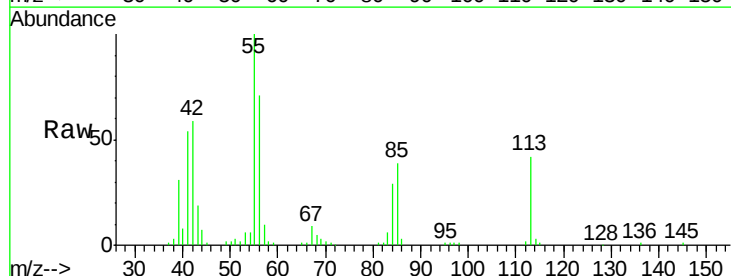
Instrument :
 BNA_F
 ClientSampleId :
 W-20

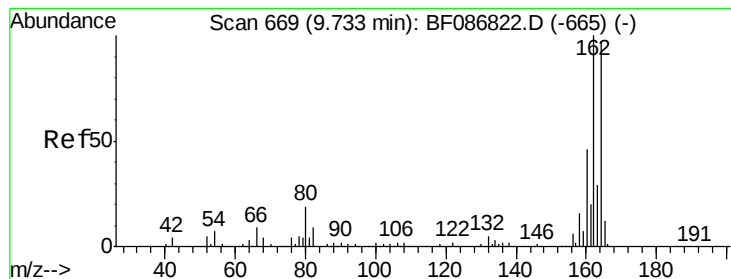
Tgt Ion: 82 Resp: 1007360
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 72.0 38.1 57.1#



#35
 Caprolactam
 Concen: 12.69 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF087059.D
 Acq: 15 May 2016 10:09

Tgt Ion: 113 Resp: 31882
 Ion Ratio Lower Upper
 113 100
 55 235.7 162.0 202.0#
 56 168.3 115.3 155.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

Instrument :

BNA_F

ClientSampleId :

W-20

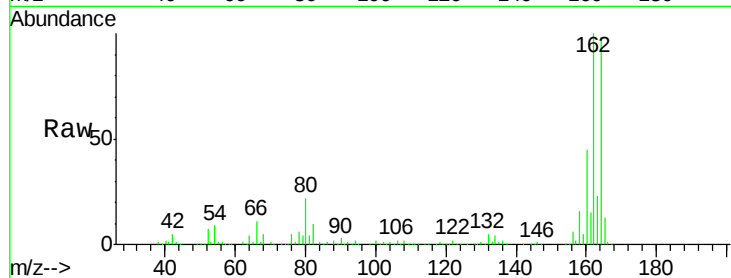
Tgt Ion:164 Resp: 261833

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

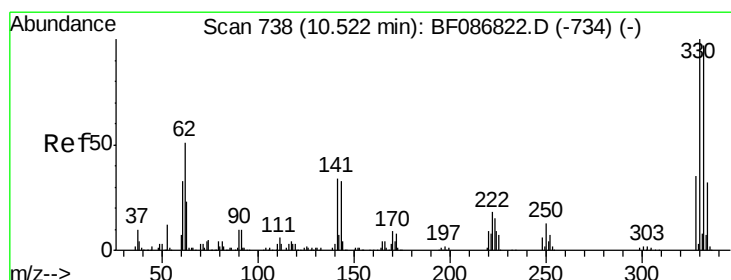
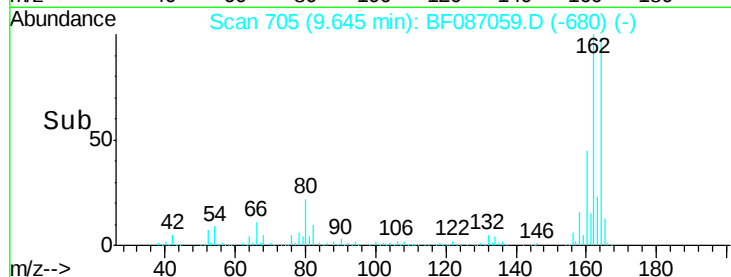
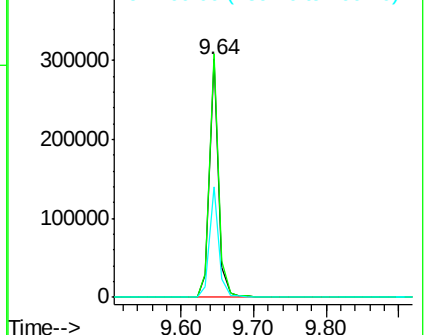
160 46.5 36.9 55.3



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: 126.19 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

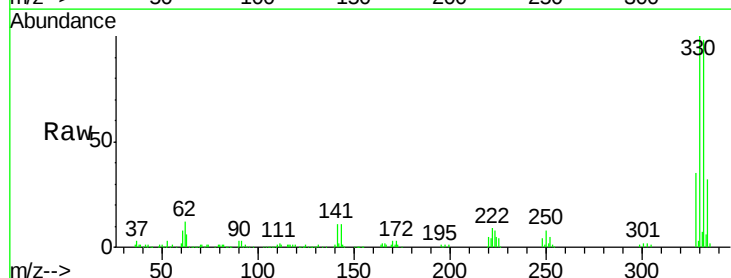
Tgt Ion:330 Resp: 349787

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

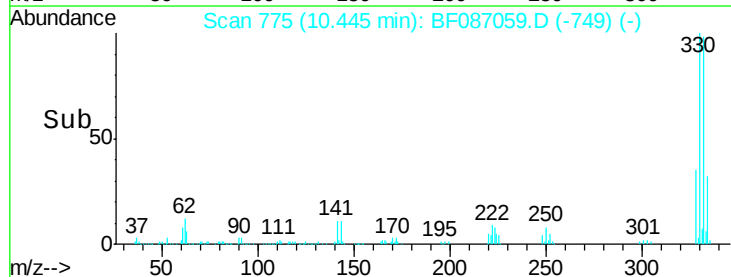
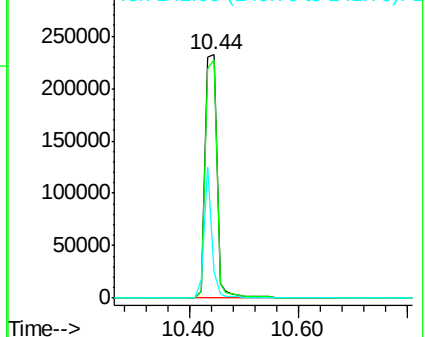
141 35.4 31.2 46.8

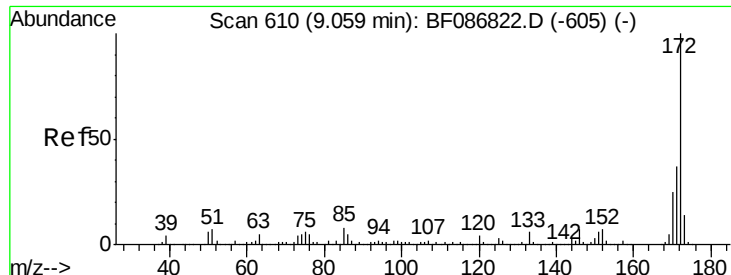


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

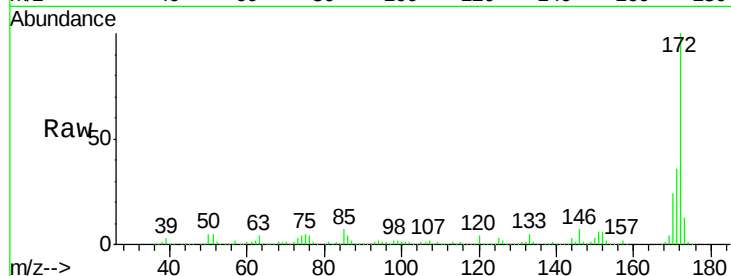




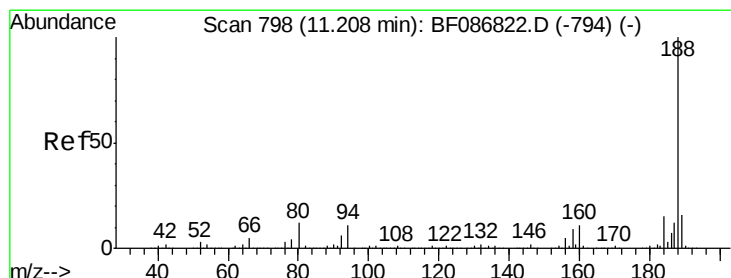
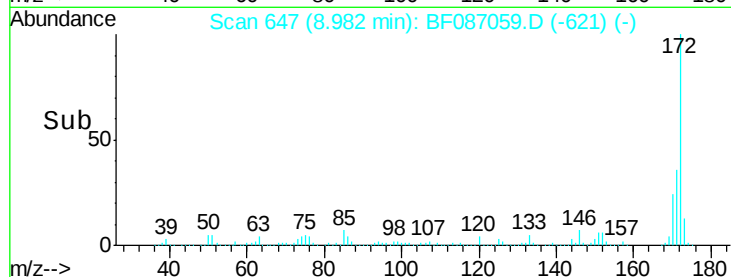
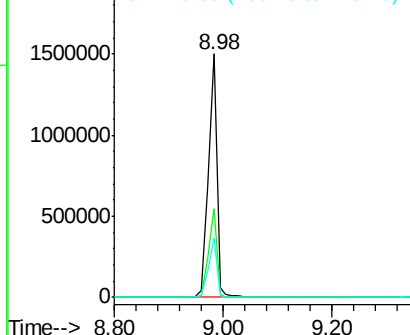
#44
 2-Fluorobiphenyl
 Concen: 103.68 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087059.D
 Acq: 15 May 2016 10:09

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Tgt Ion:172 Resp: 1615228
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.5 19.8 29.8

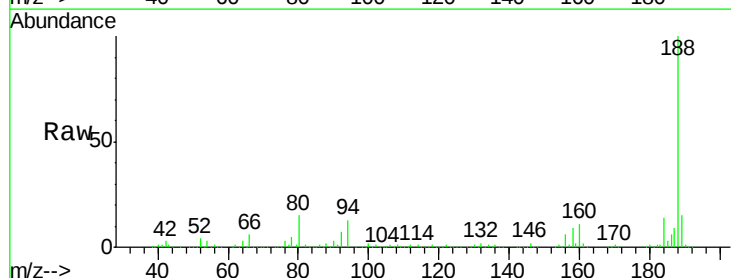


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

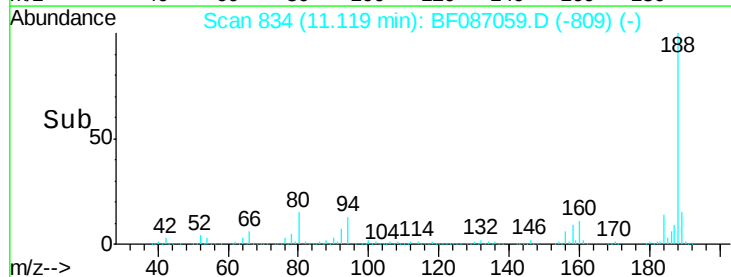
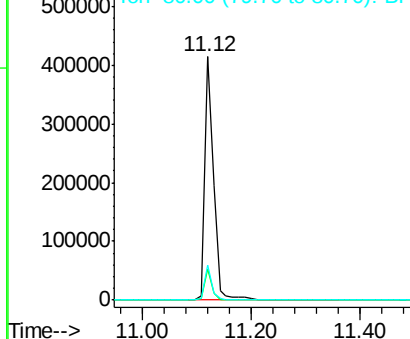


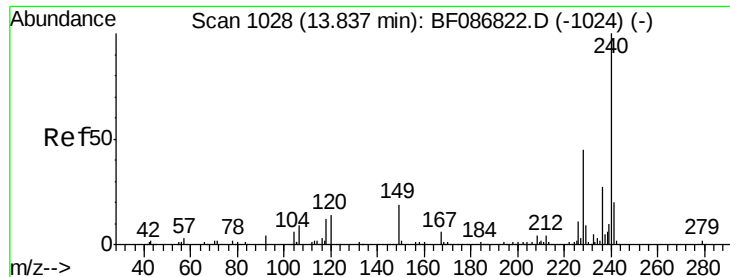
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF087059.D
 Acq: 15 May 2016 10:09

Tgt Ion:188 Resp: 459248
 Ion Ratio Lower Upper
 188 100
 94 13.1 6.8 10.2#
 80 14.6 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

Instrument :

BNA_F

ClientSampleId :

W-20

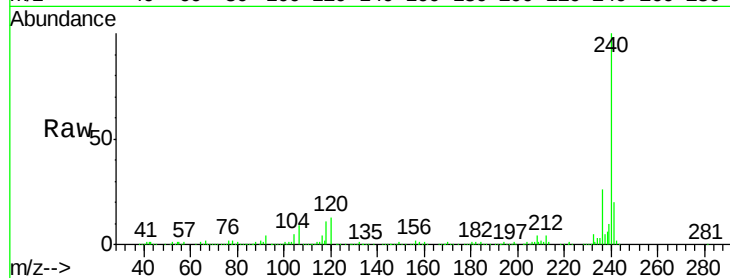
Tgt Ion:240 Resp: 317458

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

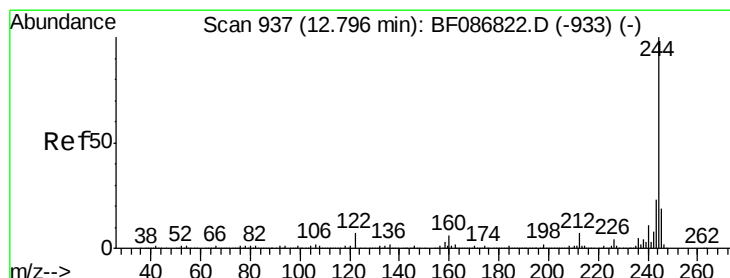
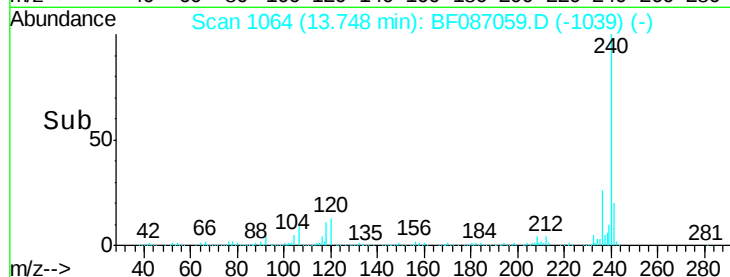
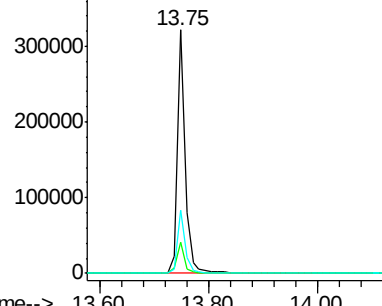
236 26.1 21.2 31.8



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: 81.37 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087059.D

Acq: 15 May 2016 10:09

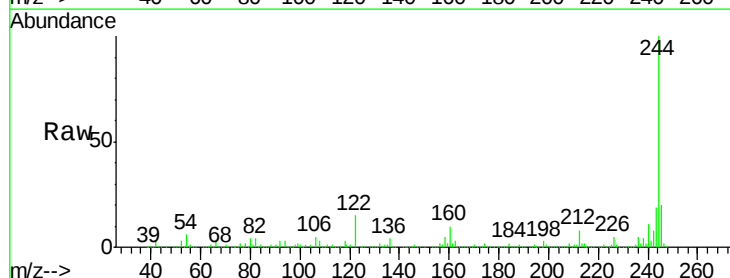
Tgt Ion:244 Resp: 1217420

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

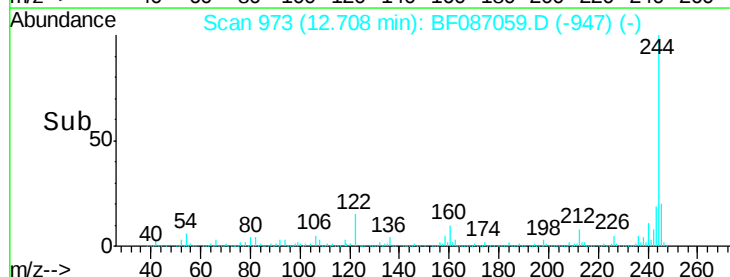
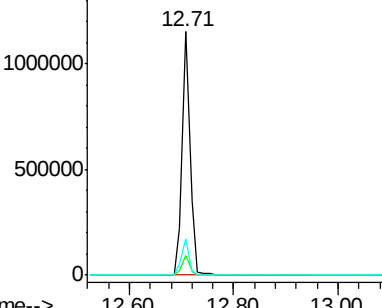
122 14.7 12.0 18.0

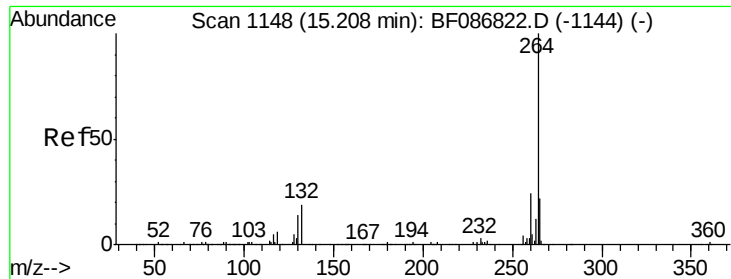


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 301937
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.9 17.3 25.9

