

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093328.D
 Acq On : 2 Mar 2017 18:42
 Operator : SJ/MA
 Sample : I2052-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Quant Time: Mar 03 01:05:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

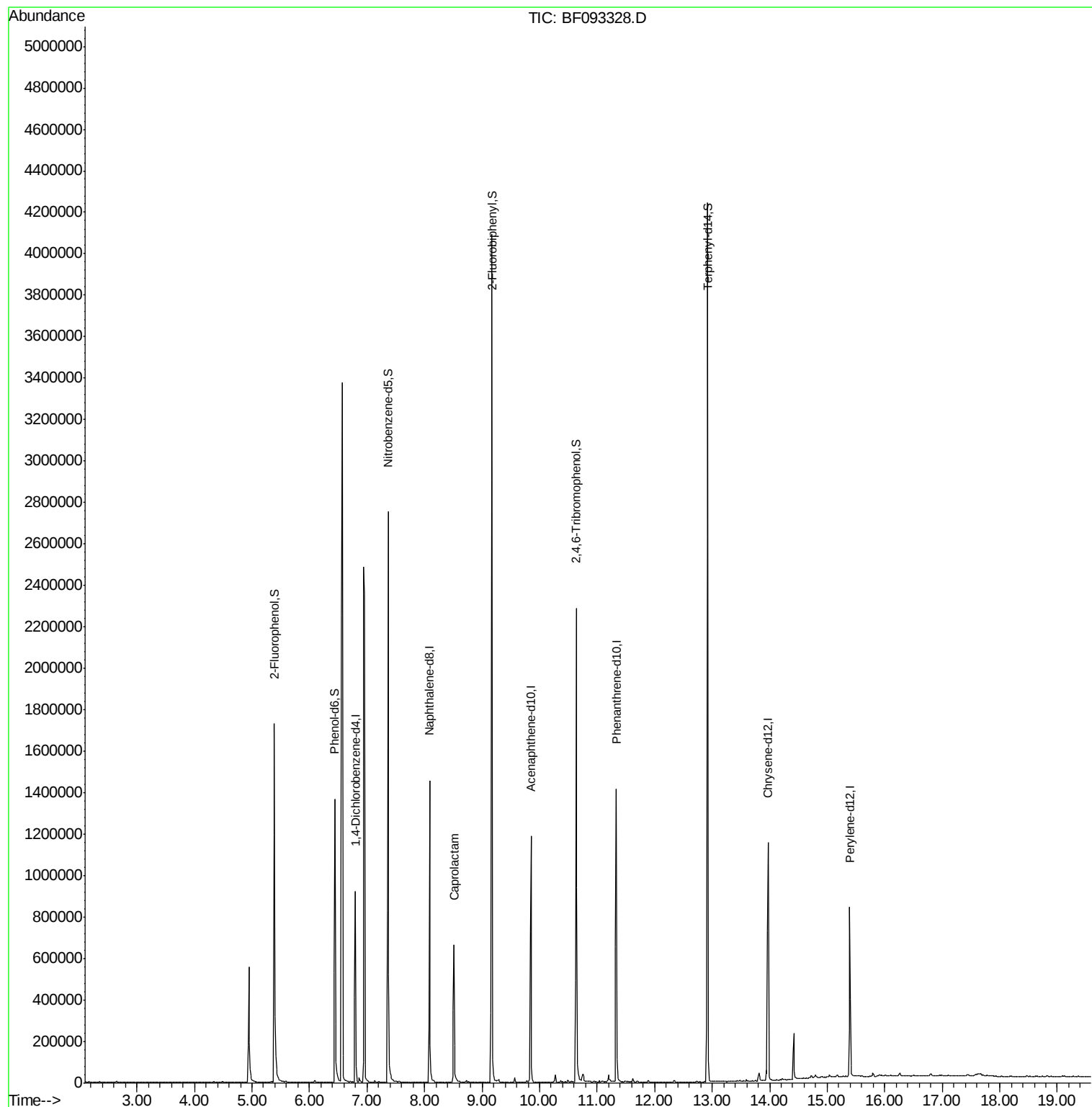
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158466	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	669427	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	297899	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	601208	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	501899	20.00	ng	-0.01
86) Perylene-d12	15.39	264	358400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	677625	73.36	ng	0.00
7) Phenol-d6	6.44	99	578154	48.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1008292	83.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	327794	152.14	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1769218	107.59	ng	0.00
78) Terphenyl-d14	12.92	244	1593496	74.60	ng	0.00
Target Compounds						
35) Caprolactam	8.51	113	80153	26.51	ng	Qvalue # 28

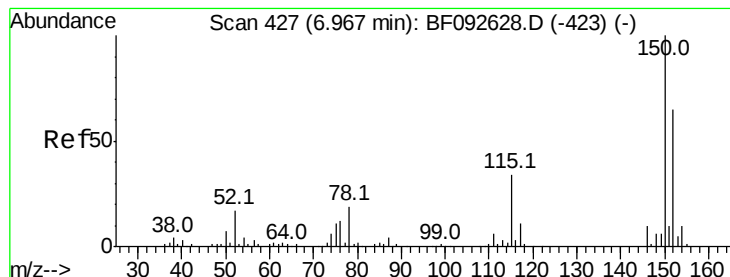
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

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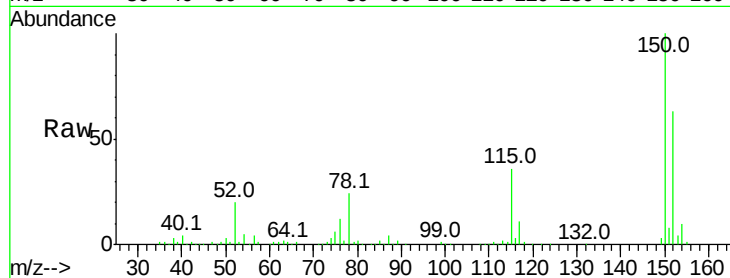
Tot Ion:152 Resp: 158466

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

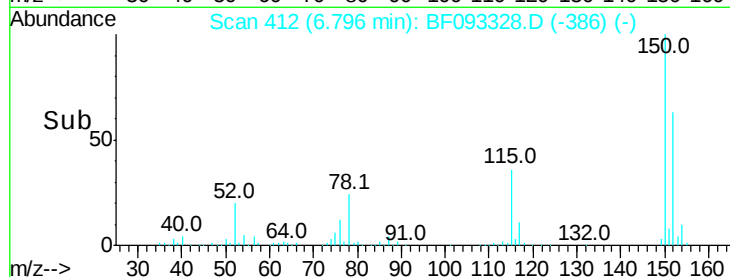
115 56.8 46.0 69.0



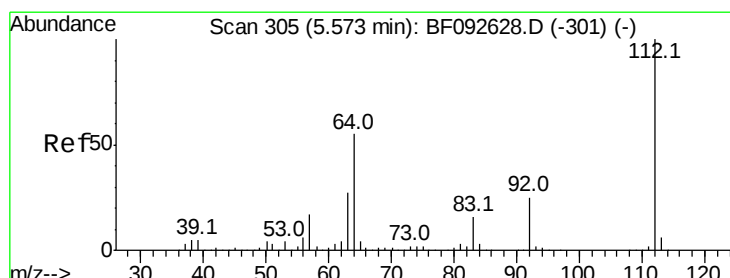
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 6.70 6.75 6.80 6.85 6.90



#5

2-Fluorophenol

Concen: 73.36 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

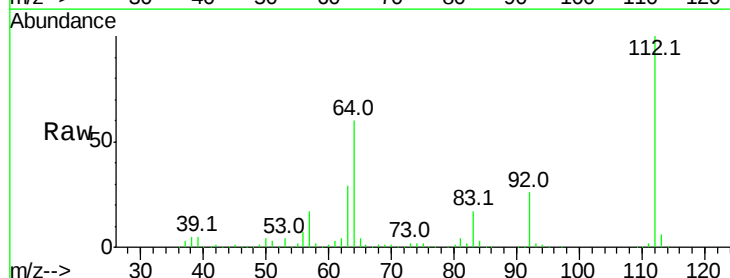
Tgt Ion:112 Resp: 677625

Ion Ratio Lower Upper

112 100

64 59.5 46.1 69.1

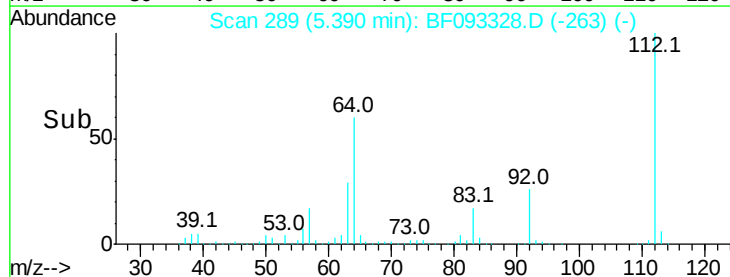
63 29.3 23.8 35.6



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



Time--> 5.40 5.60



#7

Phenol-d6

Concen: 48.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

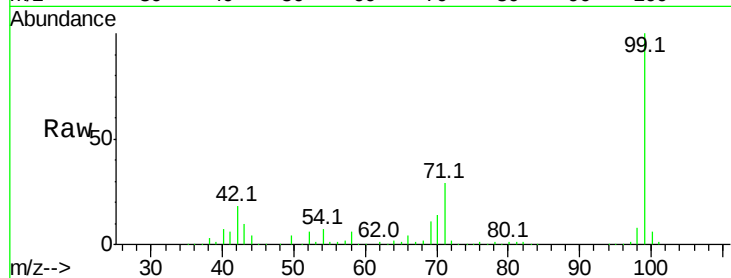
Tot Ion: 99 Resp: 578154

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

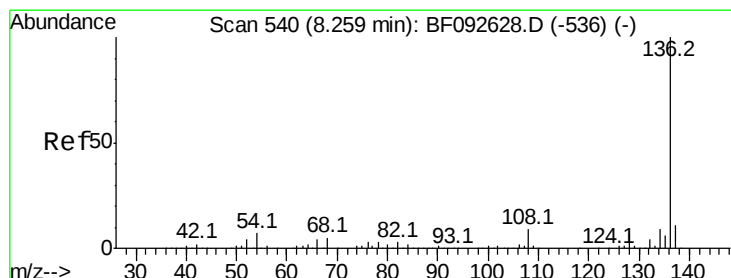
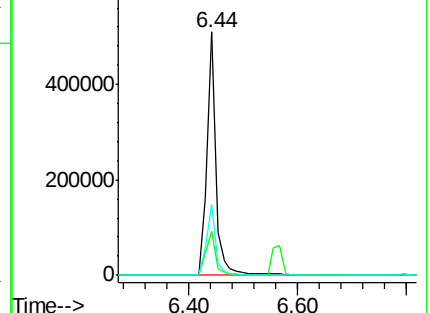
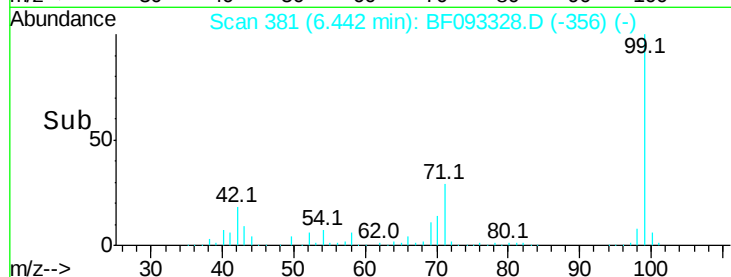
71 29.3 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Tgt Ion: 136 Resp: 669427

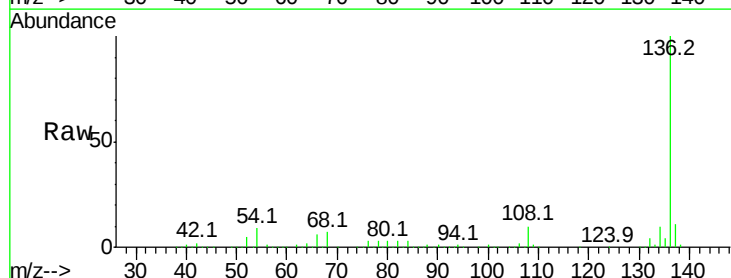
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.5 4.5 6.7#

68 6.8 3.6 5.4#

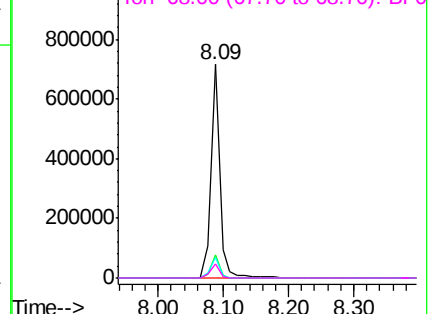
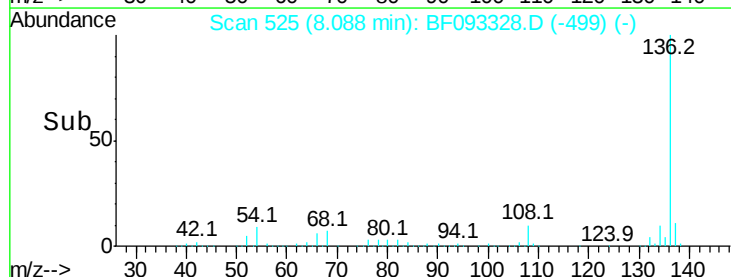


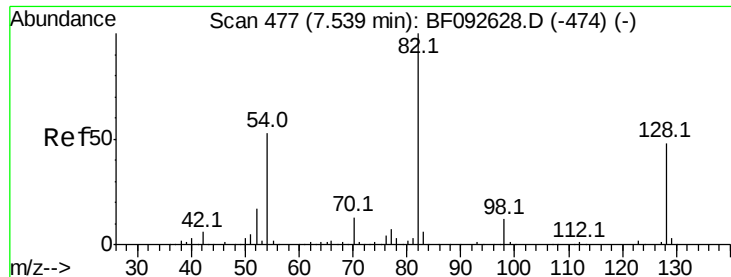
Abundance Ion 136.00 (135.70 to 136.70): E

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

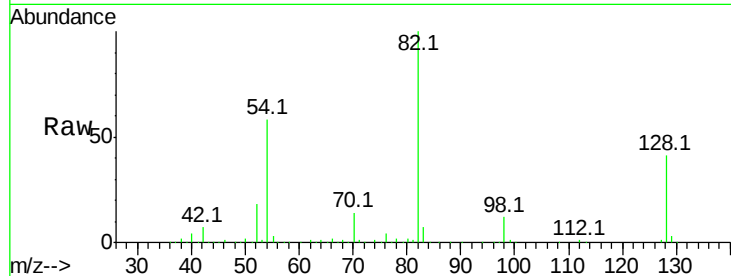




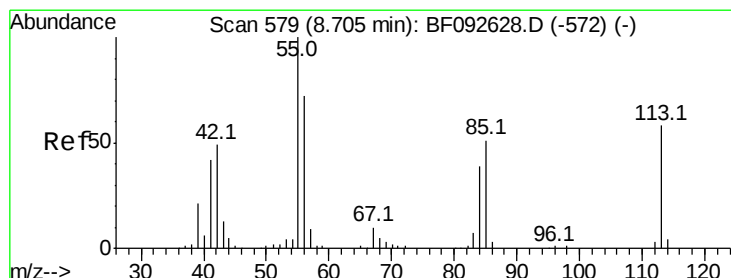
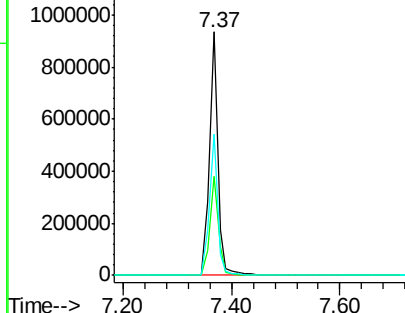
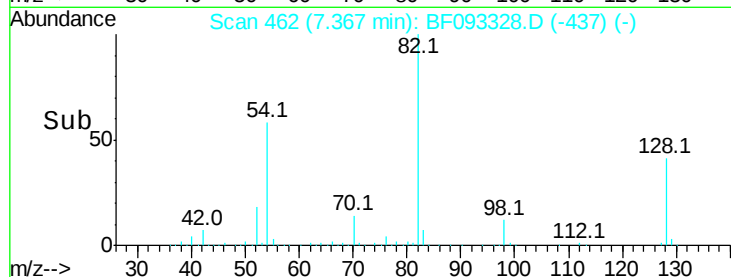
#23
Nitrobenzene-d5
Concen: 83.88 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Instrument :
BNA_F
ClientSampleId :
CPS123051

Tot Ion: 82 Resp: 1008292
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 57.8 39.5 59.3

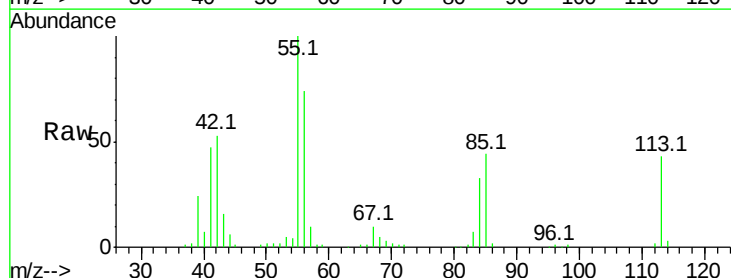


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

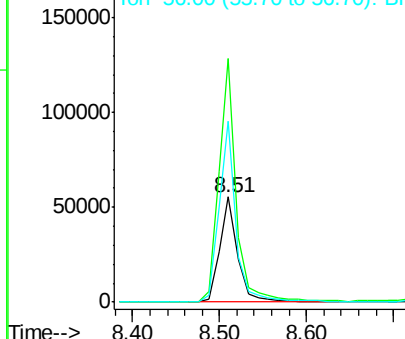
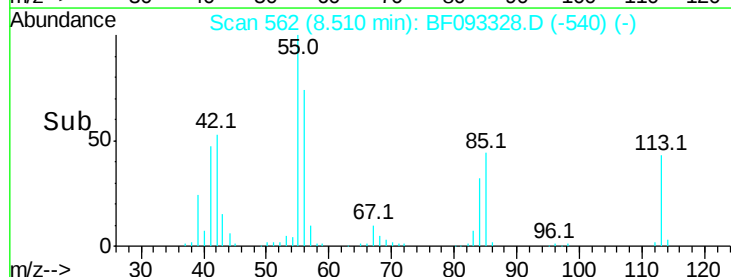


#35
Caprolactam
Concen: 26.51 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 113 Resp: 80153
Ion Ratio Lower Upper
113 100
55 231.8 119.2 159.2#
56 171.6 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): BF0
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

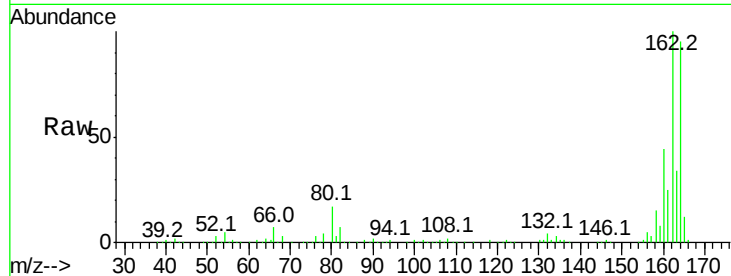




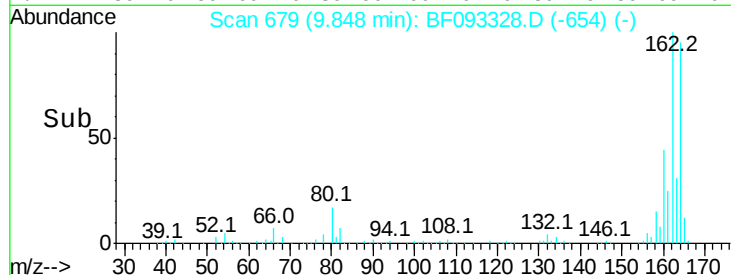
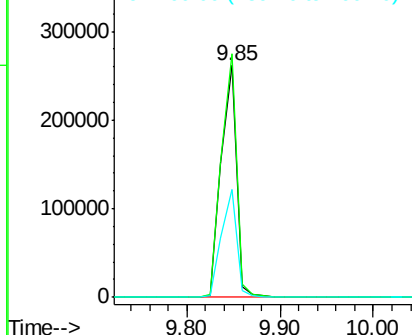
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Tot Ion:164 Resp: 297899
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 46.3 36.9 55.3

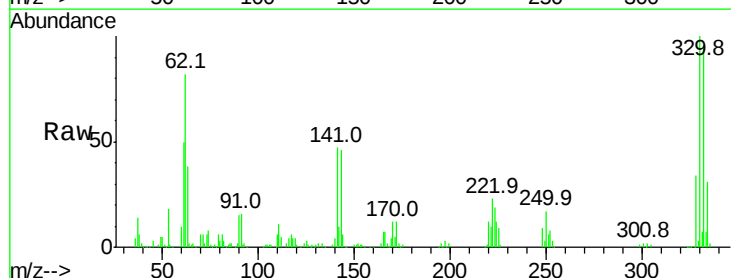


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

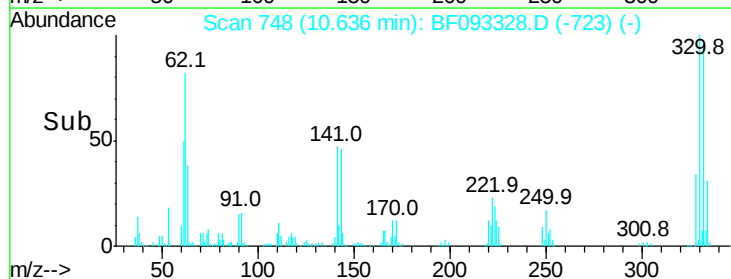
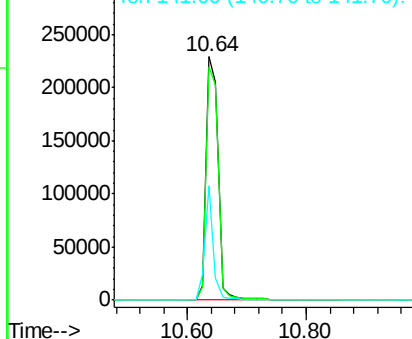


#41
 2,4,6-Tribromophenol
 Concen: 152.14 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Tgt Ion:330 Resp: 327794
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.4 34.1 51.1



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

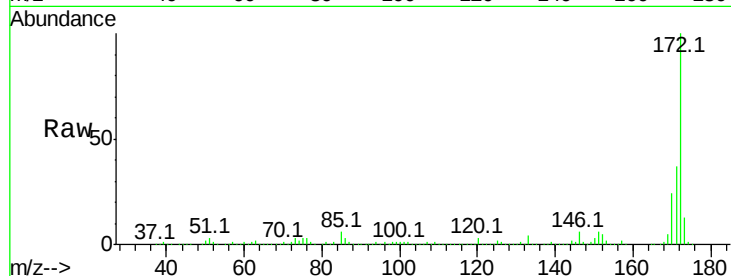




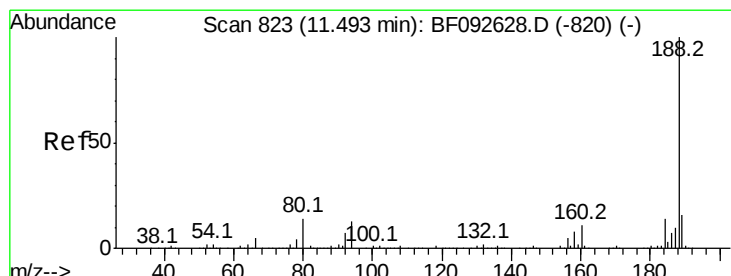
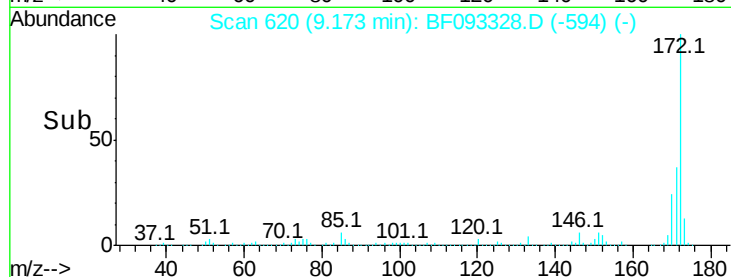
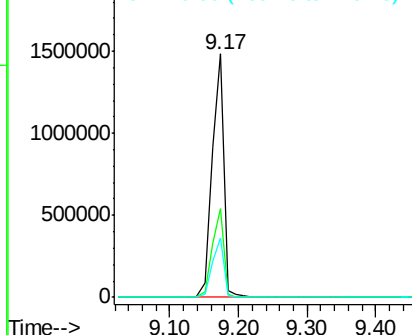
#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Tot Ion:172 Resp: 1769218
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4

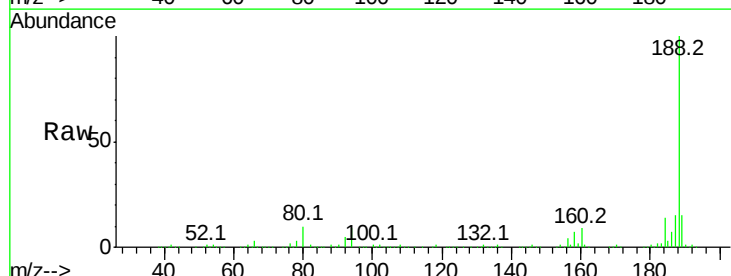


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

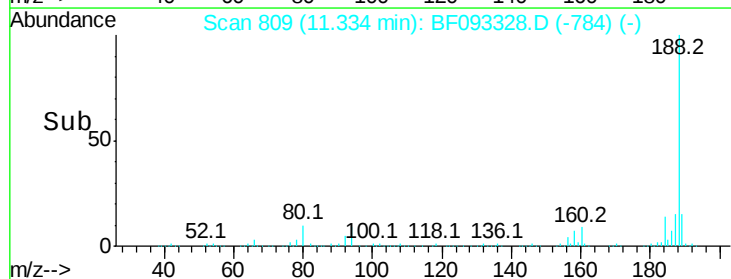
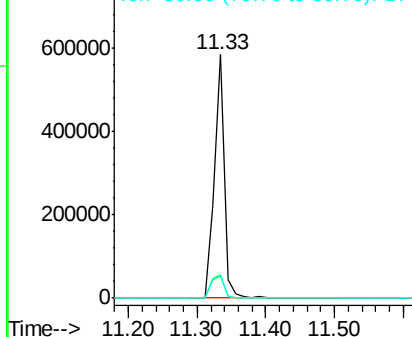


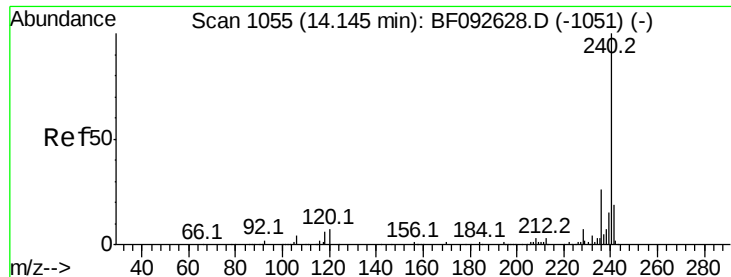
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Tgt Ion:188 Resp: 601208
 Ion Ratio Lower Upper
 188 100
 94 9.1 10.0 15.0#
 80 9.8 11.2 16.8#



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: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

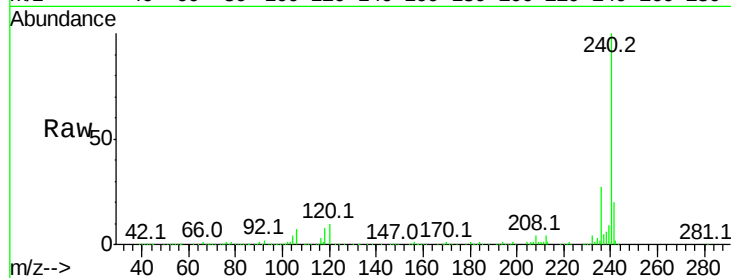
Tot Ion:240 Resp: 501899

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

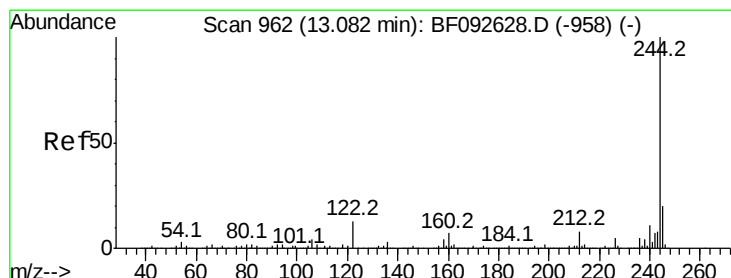
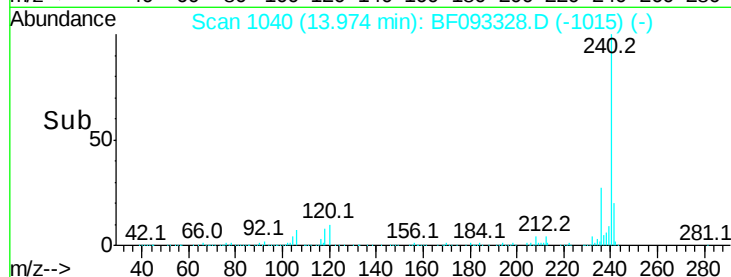
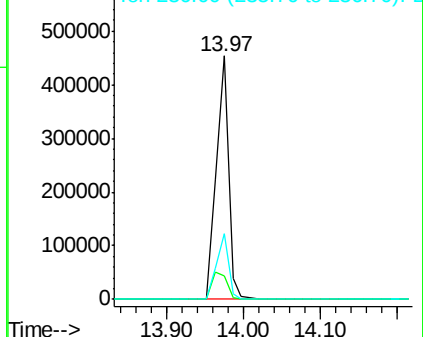
236 26.7 20.9 31.3



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: 74.60 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

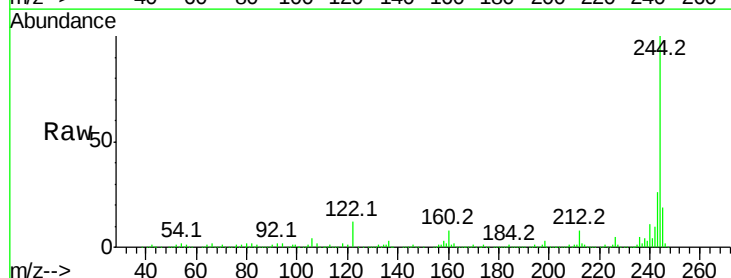
Tgt Ion:244 Resp: 1593496

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

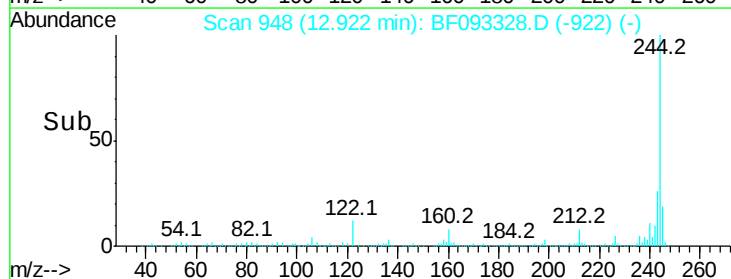
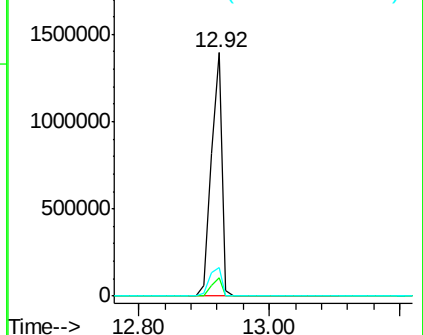
122 11.5 11.4 17.2

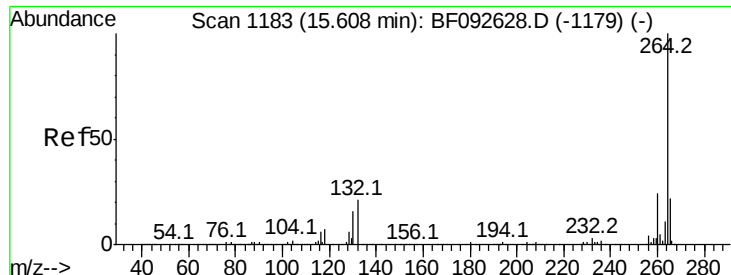


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Instrument :
BNA_F
ClientSampleId :
CPS123051

Tot Ion:	264	Resp:	358400
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.4	26.0

