

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094735.D
 Acq On : 1 May 2017 1:58
 Operator : SJ/MA
 Sample : I2902-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Quant Time: May 01 05:02:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

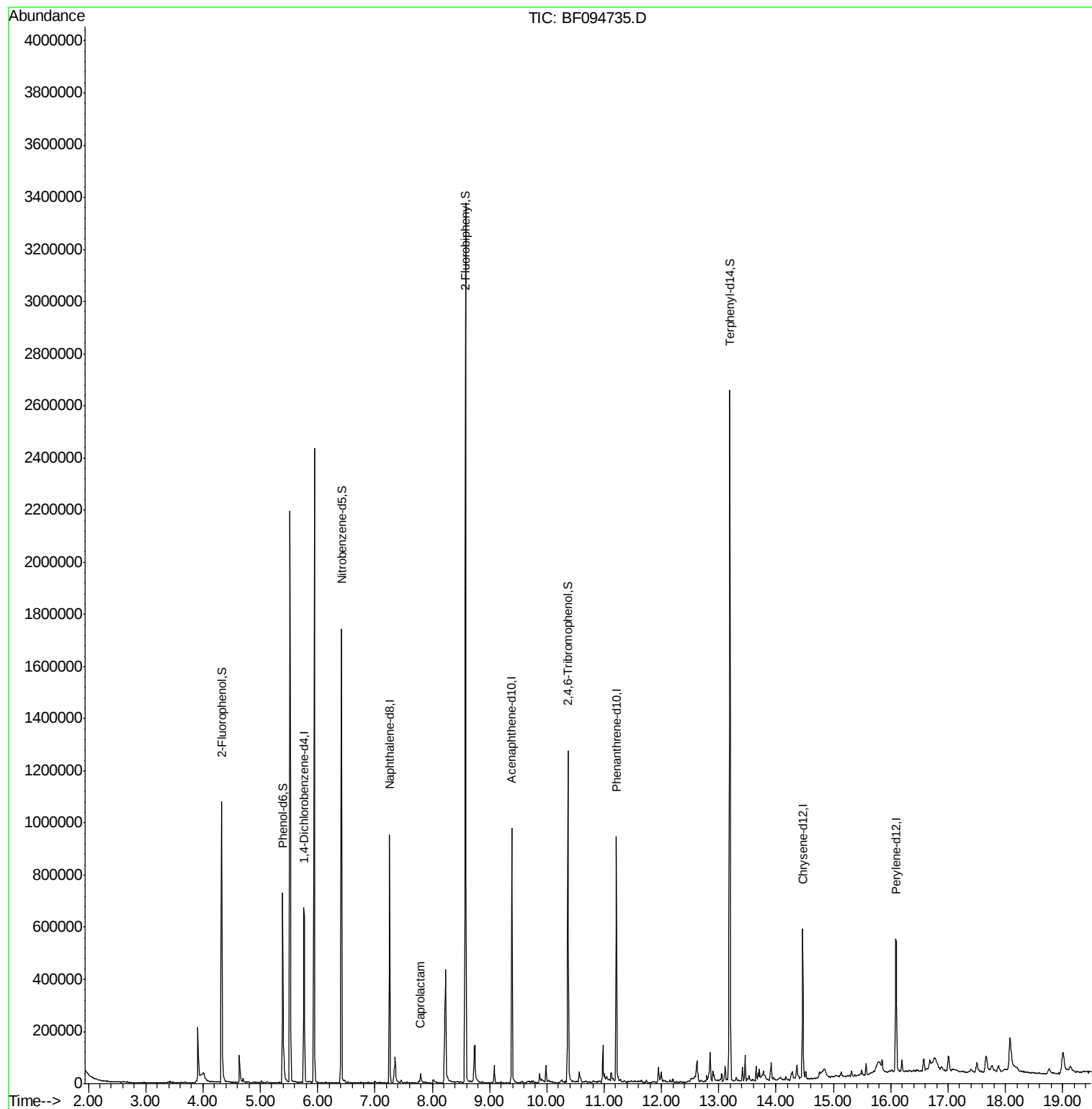
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	112986	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	457534	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	213402	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	361943	20.00	ng	0.00
75) Chrysene-d12	14.47	240	232199	20.00	ng	0.00
86) Perylene-d12	16.09	264	214012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	374376	54.97	ng	0.02
7) Phenol-d6	5.39	99	311836	38.84	ng	0.00
23) Nitrobenzene-d5	6.42	82	657788	88.77	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	162636	97.43	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1262717	87.06	ng	0.00
78) Terphenyl-d14	13.19	244	964215	110.99	ng	0.00
Target Compounds						
35) Caprolactam	7.80	113	5434	2.73	ng	Qvalue # 88

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

Instrument :

BNA_F

ClientSampleID :

MW-12B

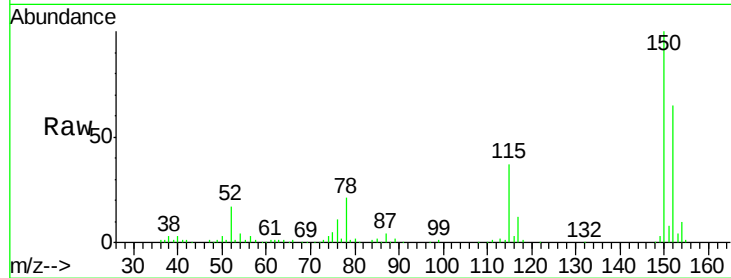
Tot Ion:152 Resp: 112986

Ion Ratio Lower Upper

152 100

150 153.8 126.2 189.2

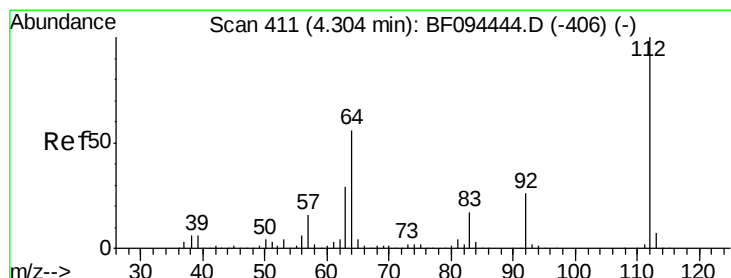
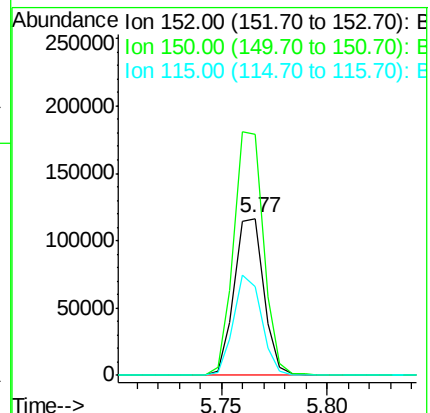
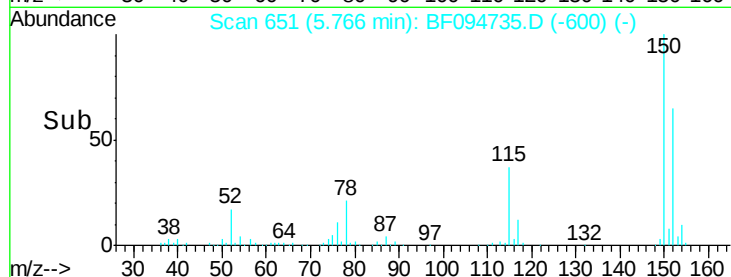
115 56.7 52.2 78.2



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: 54.97 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

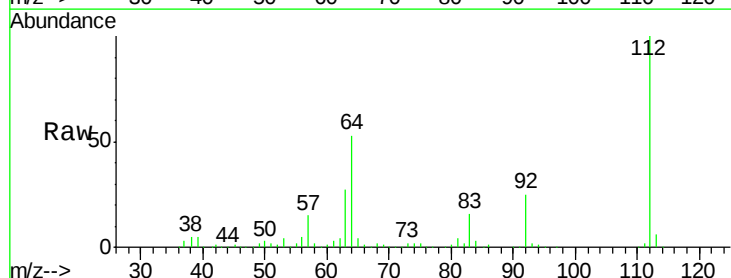
Tgt Ion:112 Resp: 374376

Ion Ratio Lower Upper

112 100

64 52.5 46.0 69.0

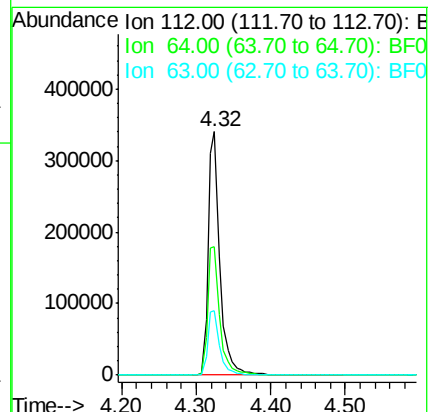
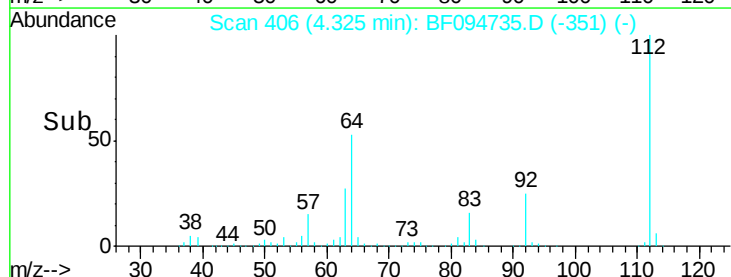
63 26.5 23.4 35.0

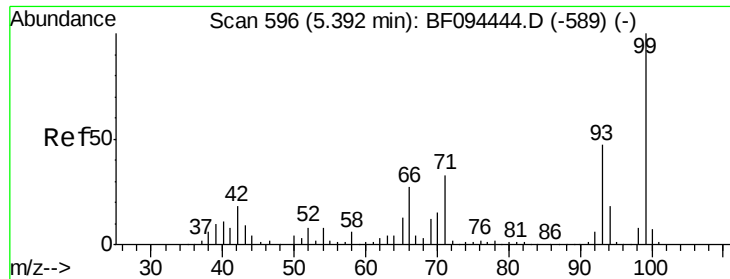


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.84 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

MW-12B

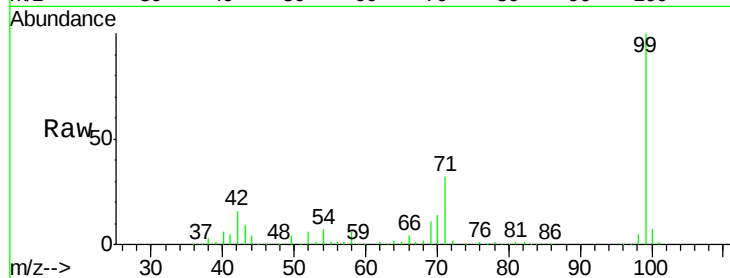
Tot Ion: 99 Resp: 311836

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

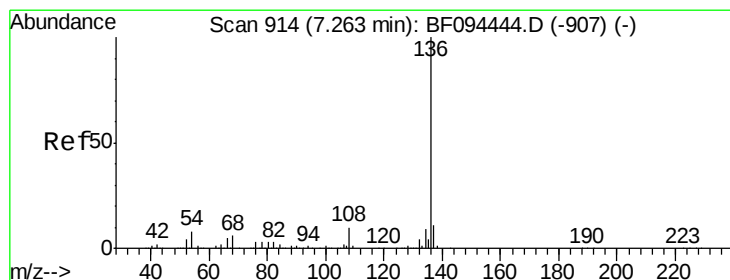
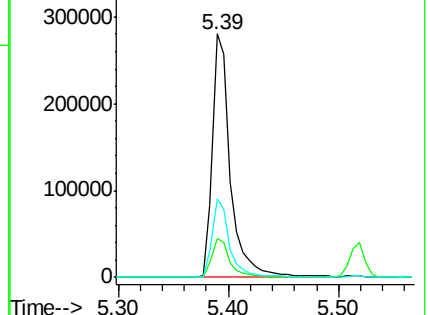
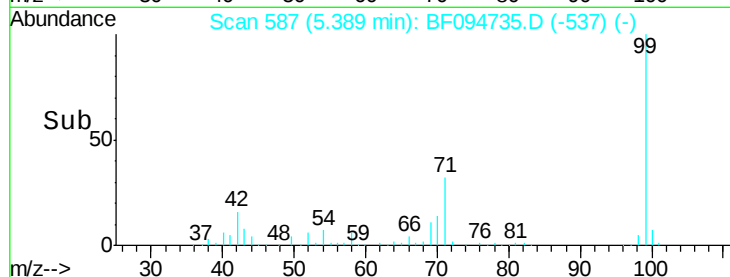
71 32.2 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

Tgt Ion: 136 Resp: 457534

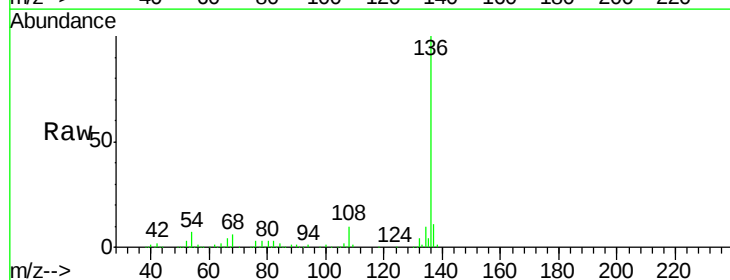
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.4 4.9 7.3#

68 6.1 4.1 6.1

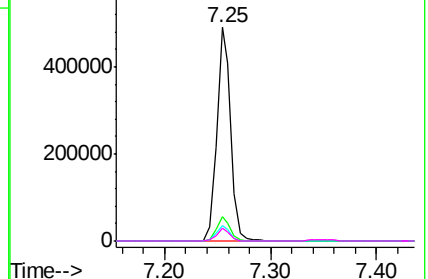
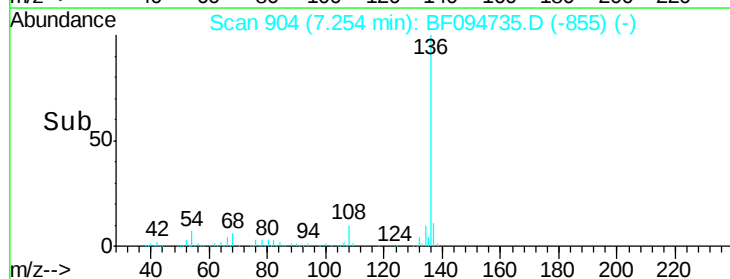


Abundance Ion 136.00 (135.70 to 136.70): E

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

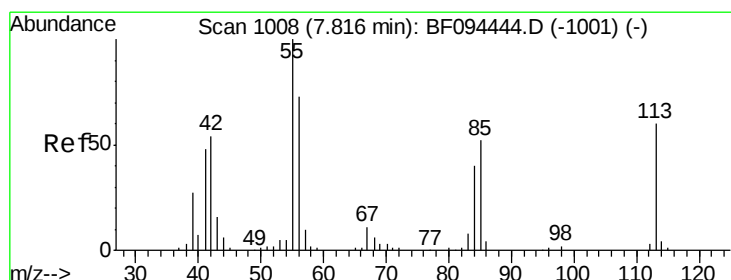
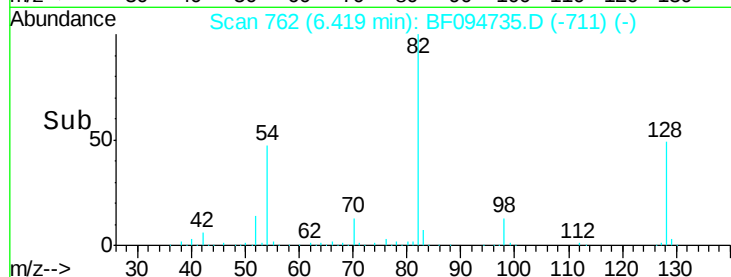
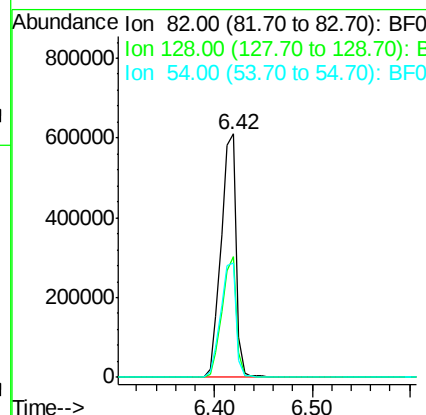
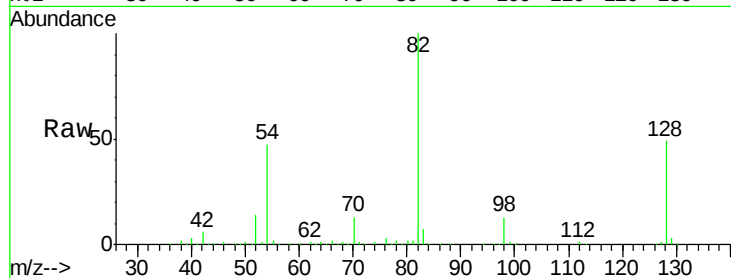




#23
 Nitrobenzene-d5
 Concen: 88.77 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094735.D
 Acq: 1 May 2017 1:58

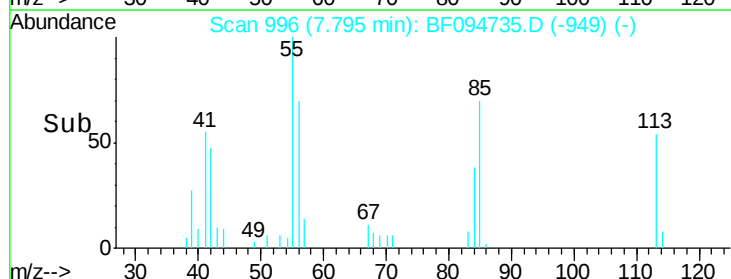
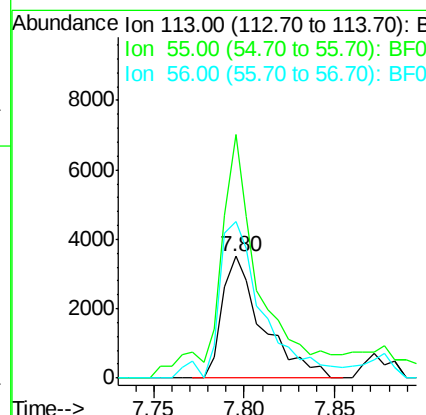
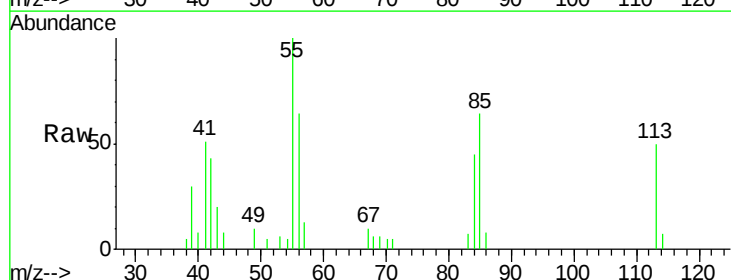
Instrument :
 BNA_F
 ClientSampled :
 MW-12B

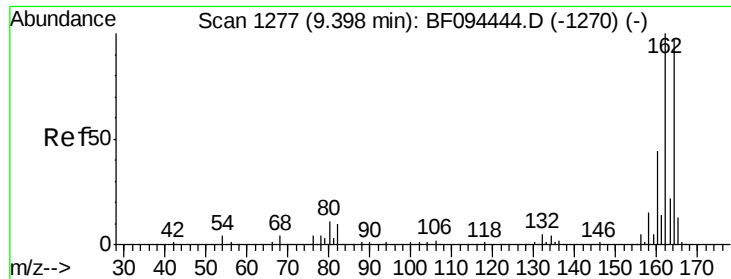
Tot Ion	82	Resp	657788
Ion Ratio	100	Lower	Upper
128	49.4	34.0	51.0
54	46.9	42.2	63.2



#35
 Caprolactam
 Concen: 2.73 ng
 RT: 7.80 min Scan# 996
 Delta R.T. -0.02 min
 Lab File: BF094735.D
 Acq: 1 May 2017 1:58

Tgt Ion	113	Resp	5434
Ion Ratio	100	Lower	Upper
55	199.7	150.2	190.2#
56	127.9	107.8	147.8

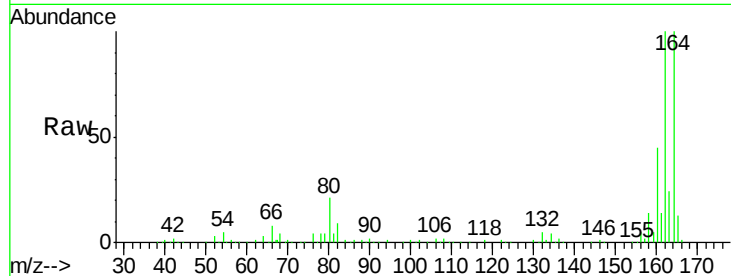




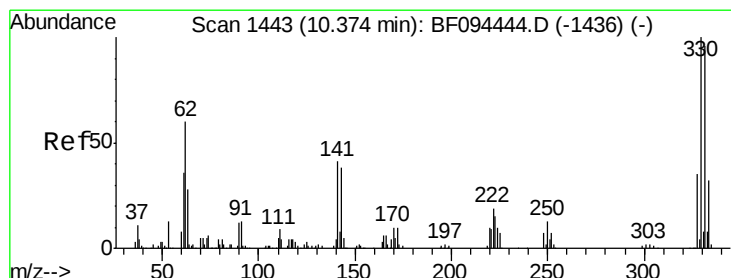
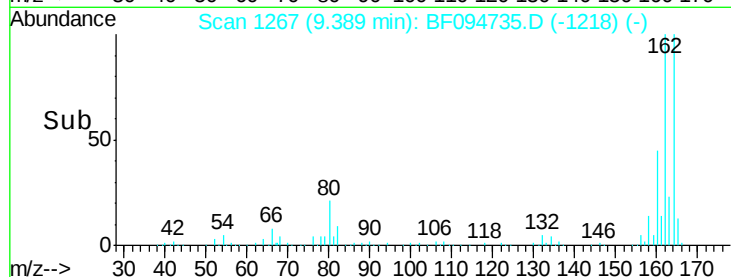
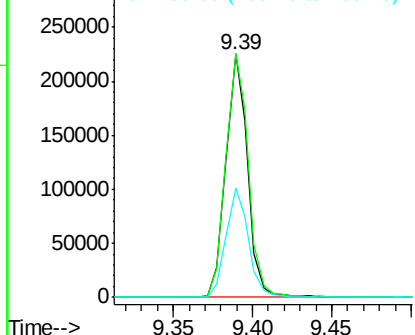
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094735.D
Acq: 1 May 2017 1:58

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tot Ion:164 Resp: 213402
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 44.7 36.2 54.2

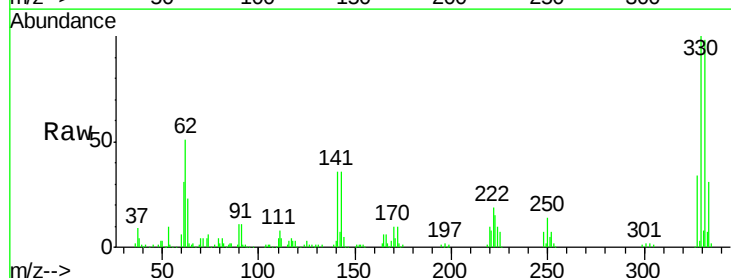


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

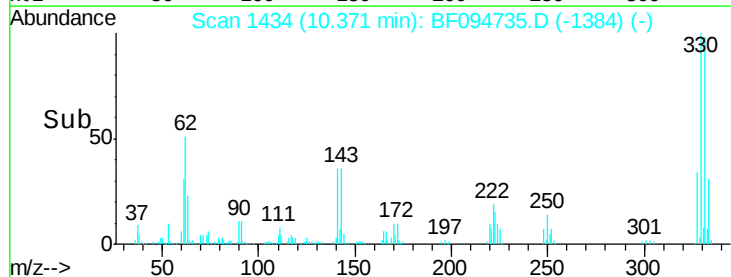
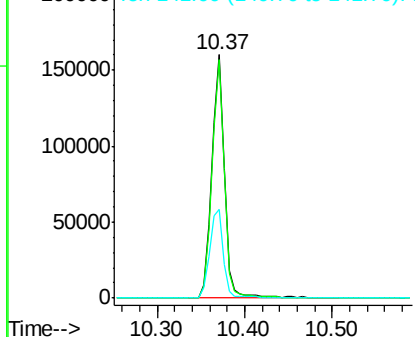


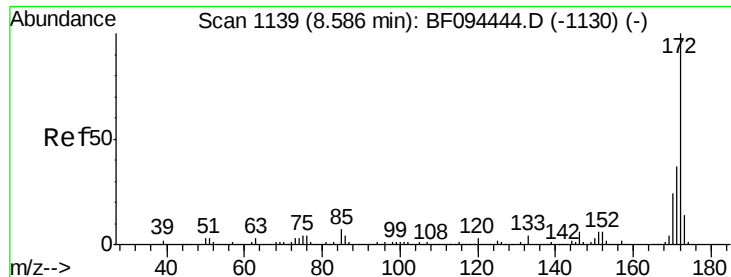
#41
2,4,6-Tribromophenol
Concen: 97.43 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094735.D
Acq: 1 May 2017 1:58

Tgt Ion:330 Resp: 162636
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 39.2 31.4 47.2



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



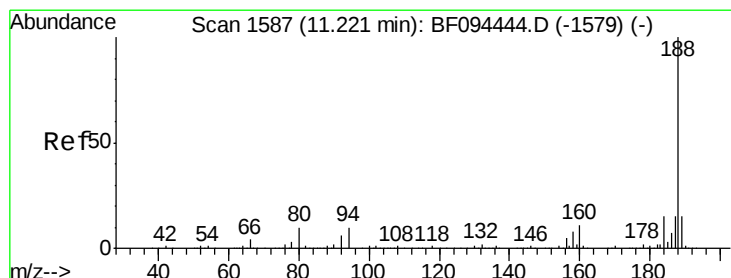
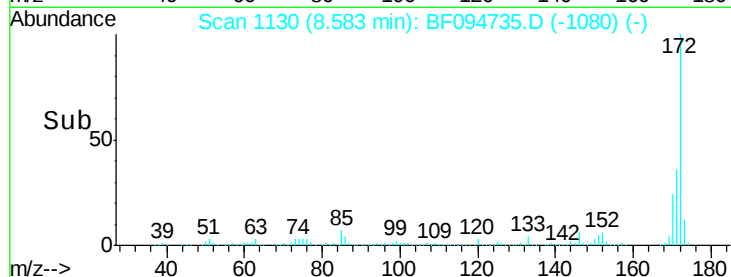
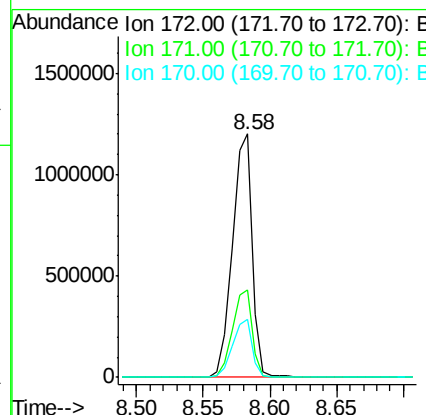
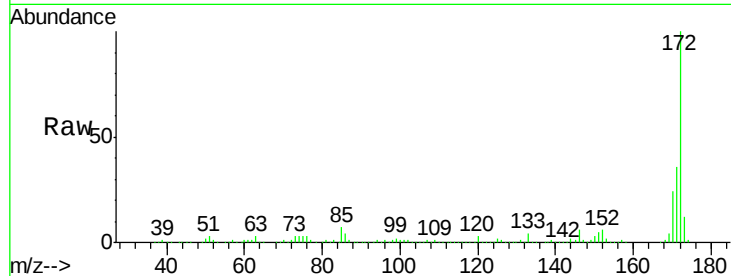


#44
 2-Fluorobiphenyl
 Concen: 87.06 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094735.D
 Acq: 1 May 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tot Ion:172 Resp: 1262717

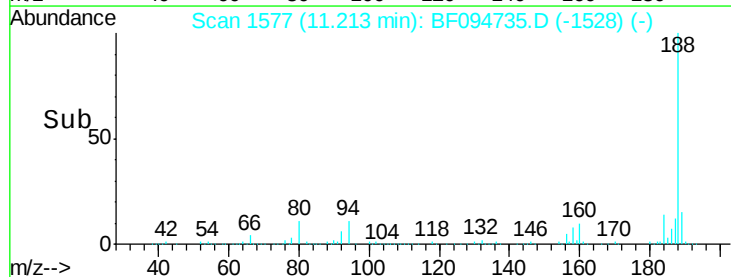
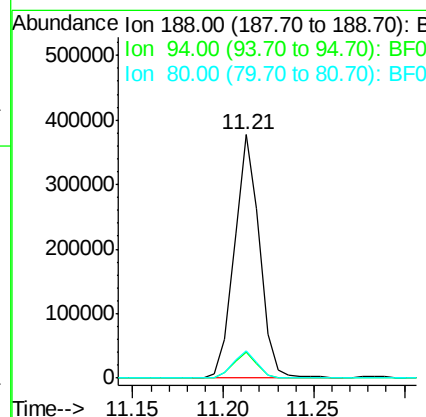
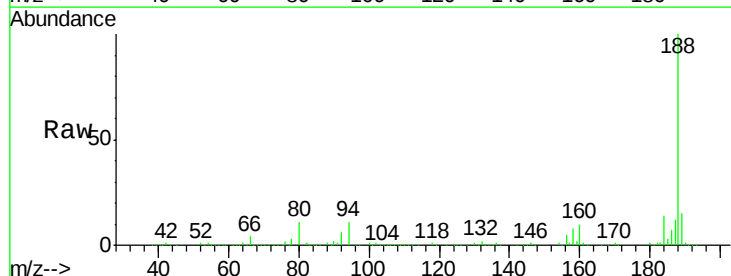
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8

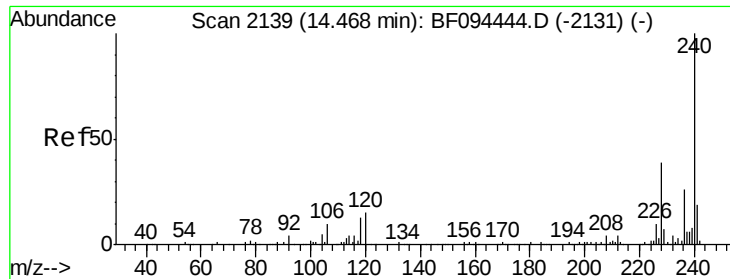


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094735.D
 Acq: 1 May 2017 1:58

Tgt Ion:188 Resp: 361943

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

Instrument :

BNA_F

ClientSampled :

MW-12B

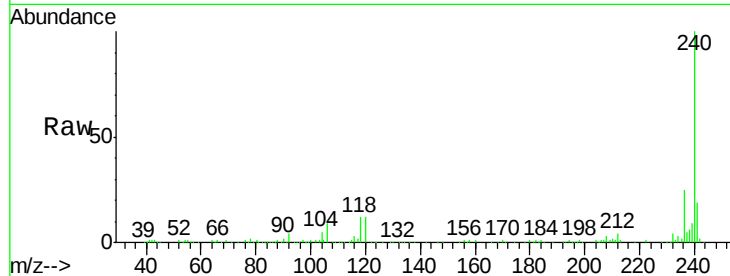
Tot Ion:240 Resp: 232199

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

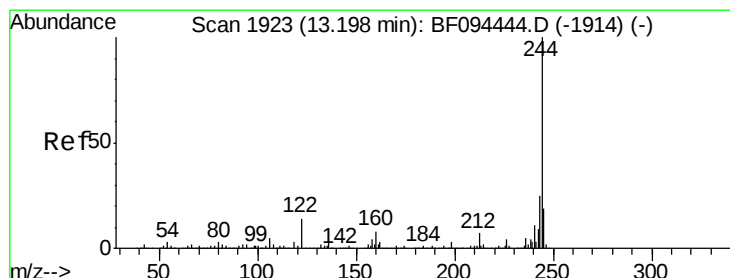
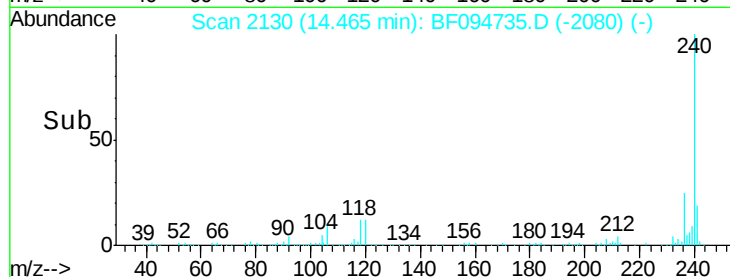
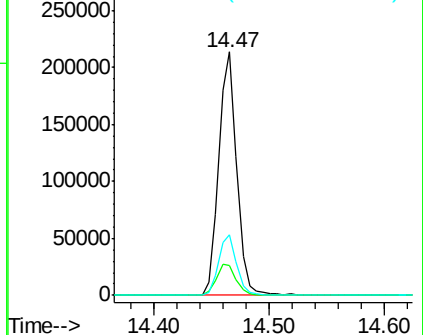
236 24.8 20.5 30.7



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: 110.99 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094735.D

Acq: 1 May 2017 1:58

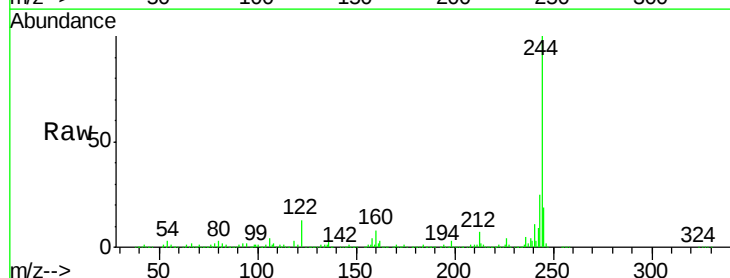
Tgt Ion:244 Resp: 964215

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

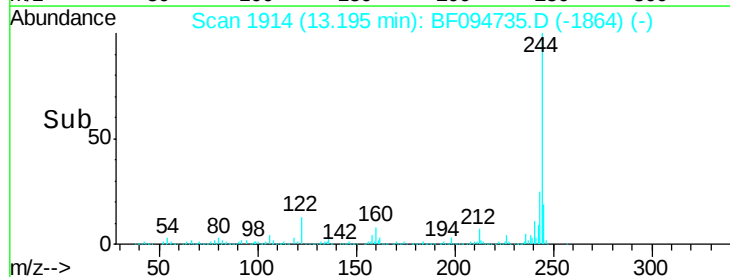
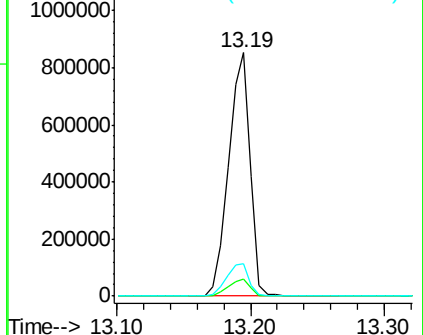
122 13.2 10.3 15.5

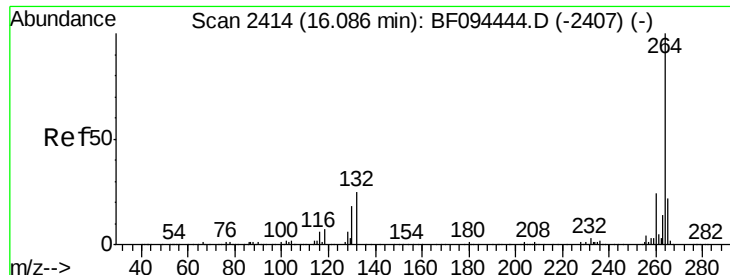


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

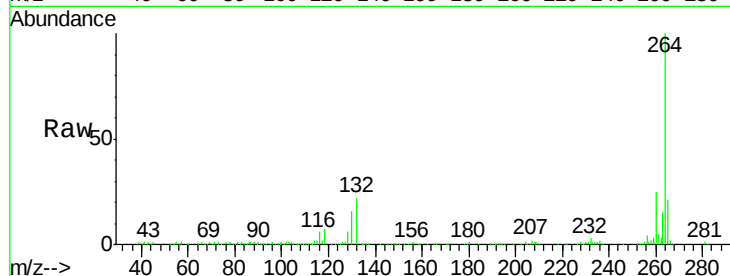




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094735.D
Acq: 1 May 2017 1:58

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.2	17.2	25.8



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

