

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094738.D
 Acq On : 1 May 2017 3:19
 Operator : SJ/MA
 Sample : I2902-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

Quant Time: May 01 17:24:48 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

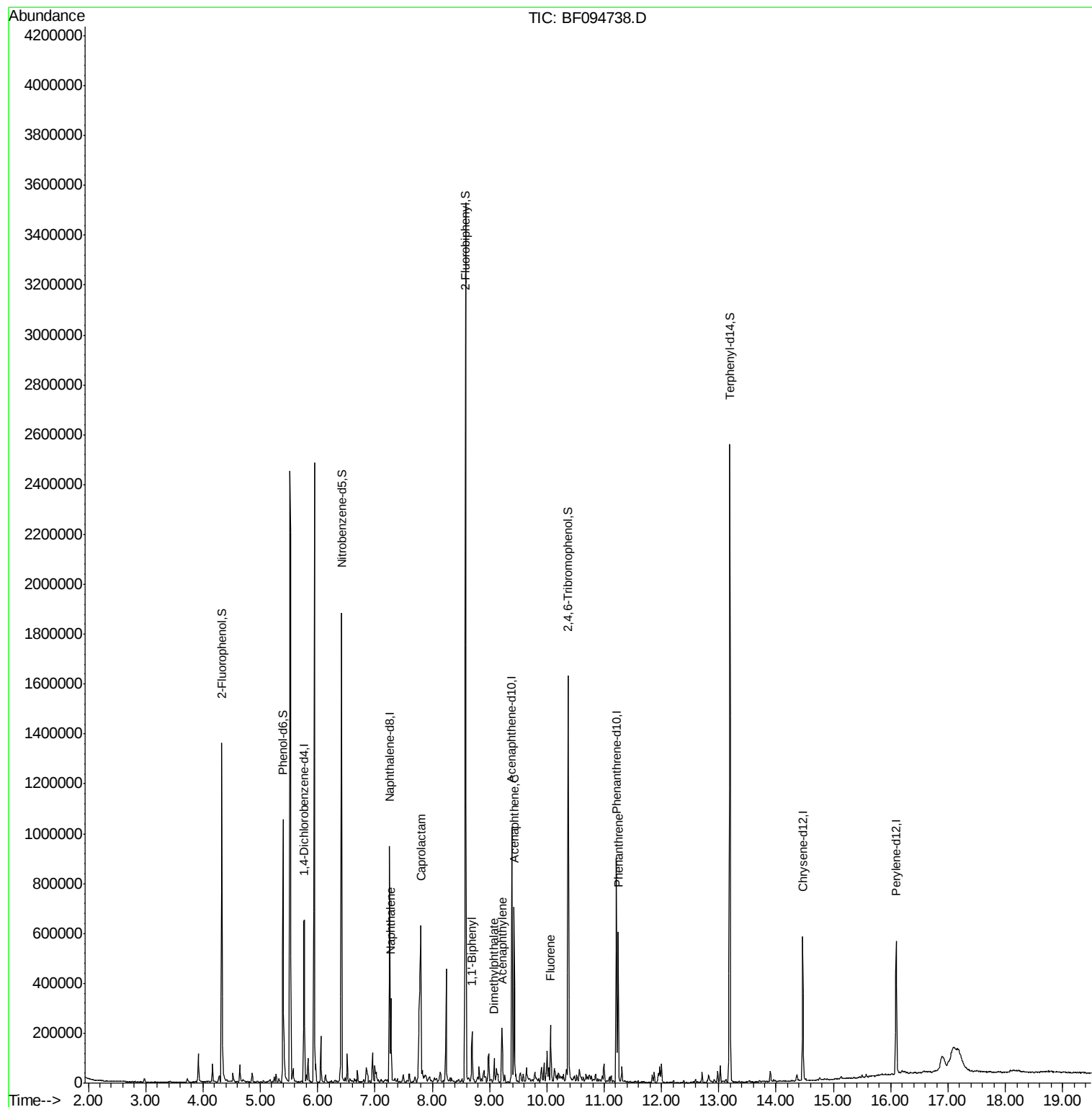
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	110766	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	456713	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	217158	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	355596	20.00	ng	0.00
75) Chrysene-d12	14.47	240	223080	20.00	ng	0.00
86) Perylene-d12	16.09	264	210039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	427717	64.06	ng	0.02
7) Phenol-d6	5.40	99	406065	51.59	ng	0.00
23) Nitrobenzene-d5	6.42	82	666975	90.18	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	214392	126.22	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1277515	86.56	ng	0.00
78) Terphenyl-d14	13.19	244	923024	110.60	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.28	128	160143	7.29	ng	100
35) Caprolactam	7.80	113	142230	71.60	ng	93
45) 1,1'-Biphenyl	8.70	154	64687	3.65	ng	96
48) Acenaphthylene	9.22	152	91429	4.16	ng	98
49) Dimethylphthalate	9.08	163	40022	2.47	ng	100
51) Acenaphthene	9.43	154	160937	12.22	ng	98
57) Fluorene	10.07	166	64846	4.35	ng	98
70) Phenanthrene	11.24	178	237273	11.85	ng	99

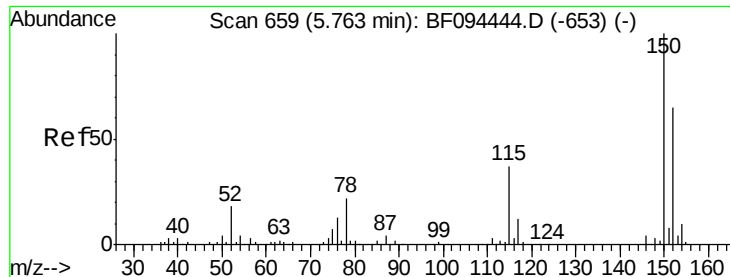
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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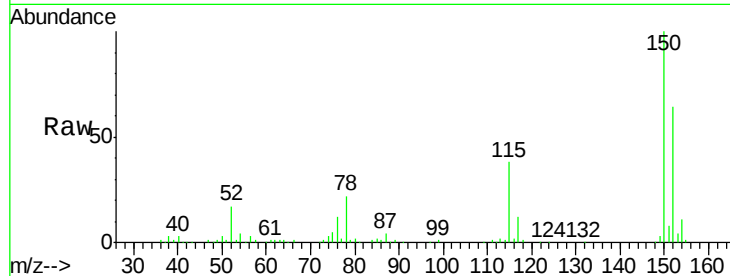


#1

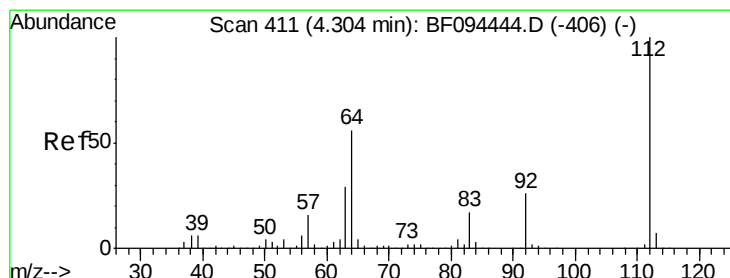
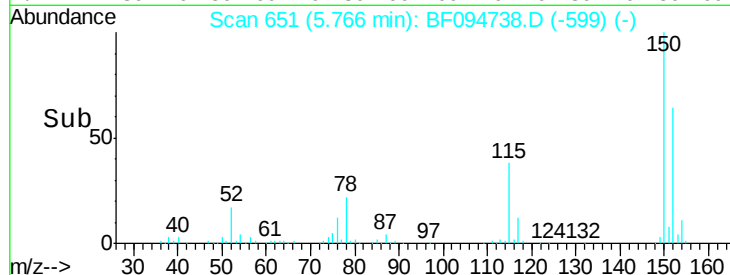
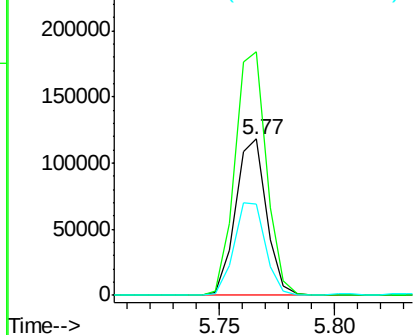
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tot Ion:152 Resp: 110766
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.8 52.2 78.2



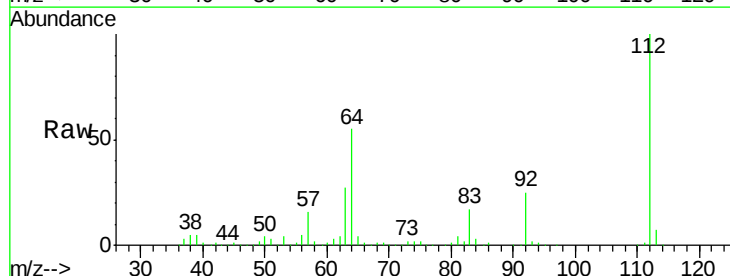
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



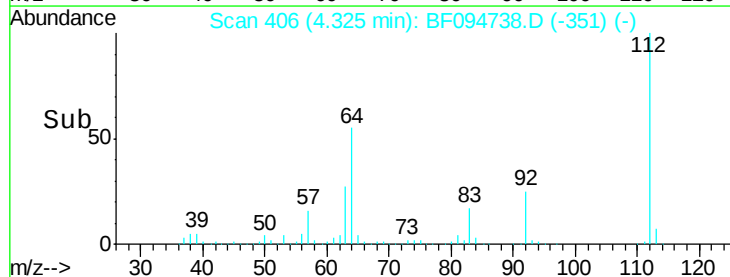
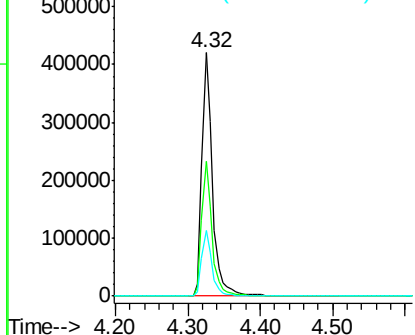
#5

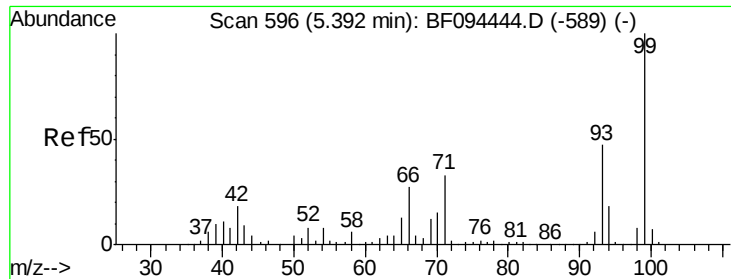
2-Fluorophenol
Concen: 64.06 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

Tgt Ion:112 Resp: 427717
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.0 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: 51.59 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094738.D

Acq: 1 May 2017 3:19

Instrument :

BNA_F

ClientSampled :

MW-7BS

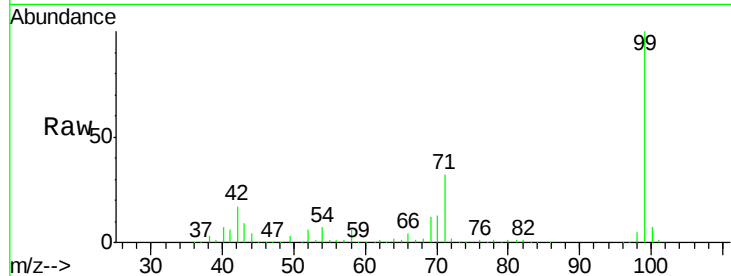
Tot Ion: 99 Resp: 406065

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

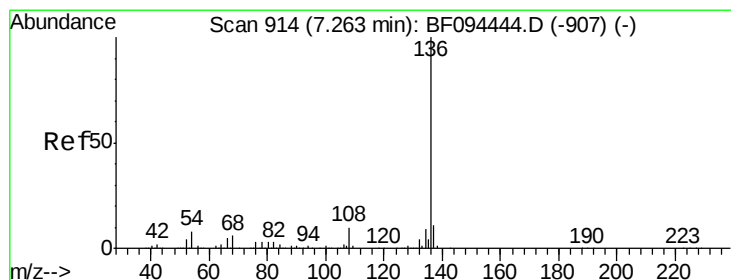
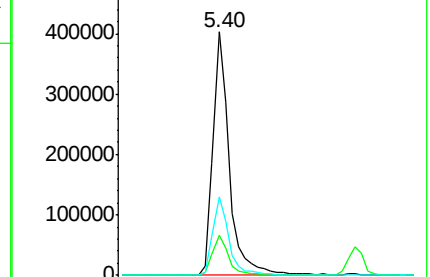
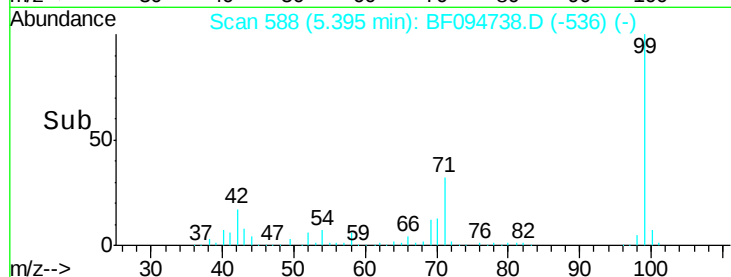
71 32.1 24.5 36.7



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: BF094738.D

Acq: 1 May 2017 3:19

Tgt Ion: 136 Resp: 456713

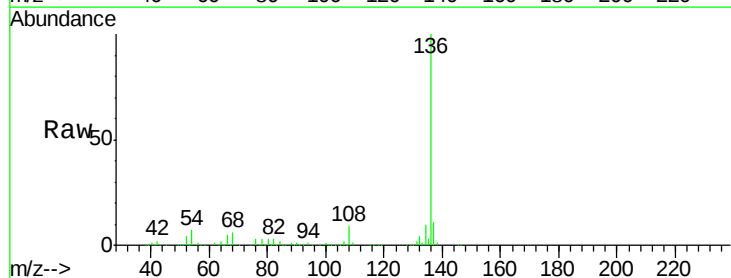
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

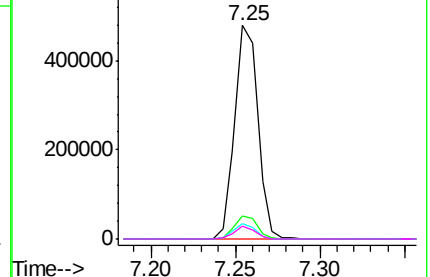
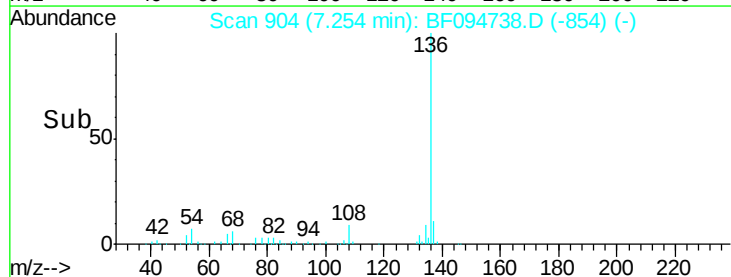


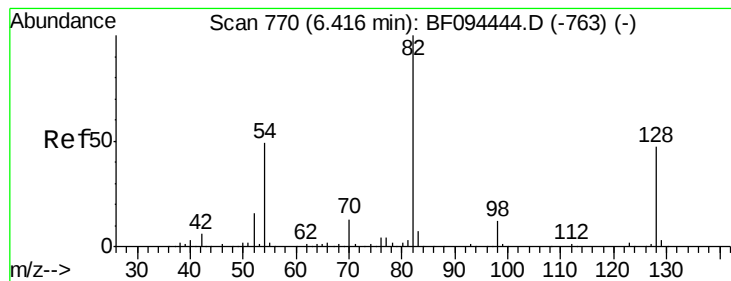
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.18 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094738.D

Acq: 1 May 2017 3:19

Instrument :

BNA_F

ClientSampleId :

MW-7BS

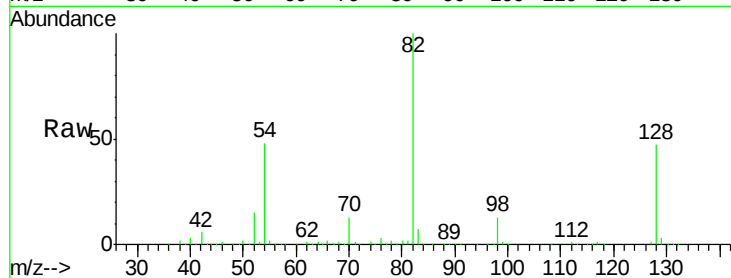
Tot Ion: 82 Resp: 666975

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

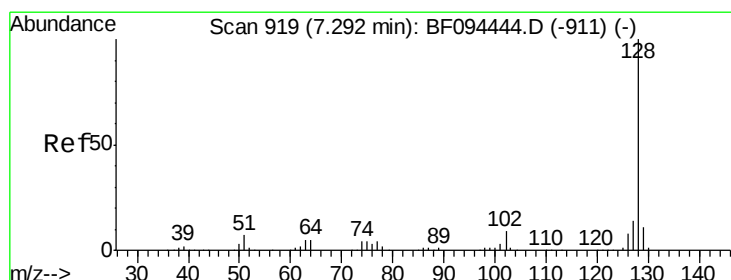
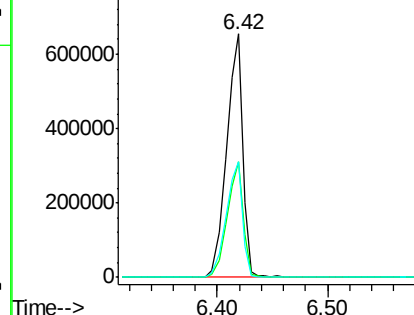
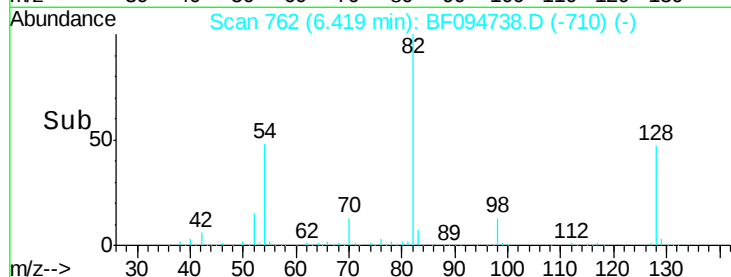
54 47.6 42.2 63.2



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



#31

Naphthalene

Concen: 7.29 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094738.D

Acq: 1 May 2017 3:19

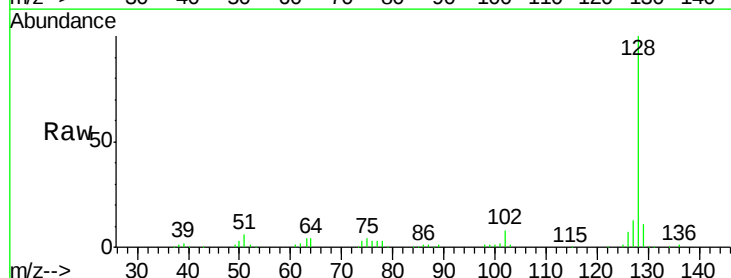
Tgt Ion:128 Resp: 160143

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

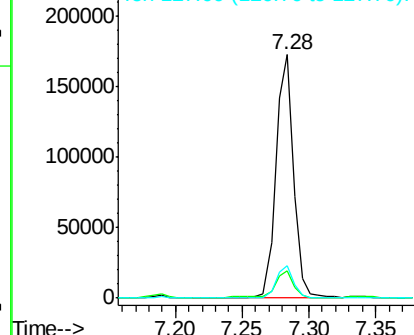
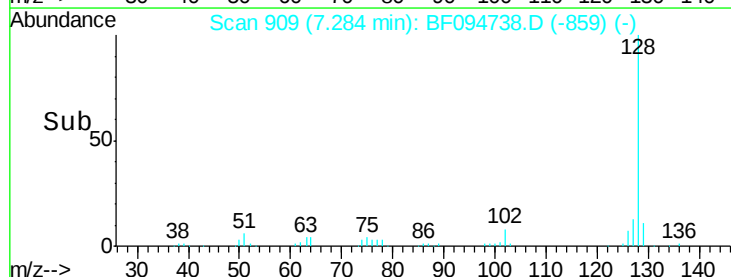
127 13.5 10.8 16.2

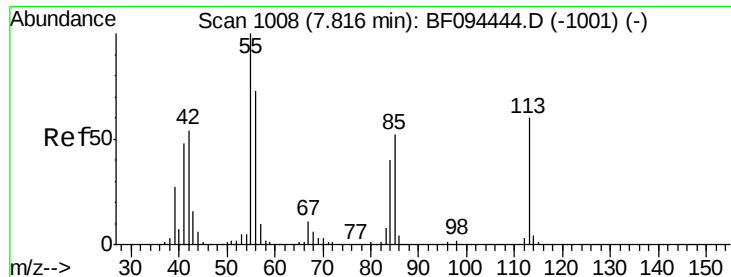


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

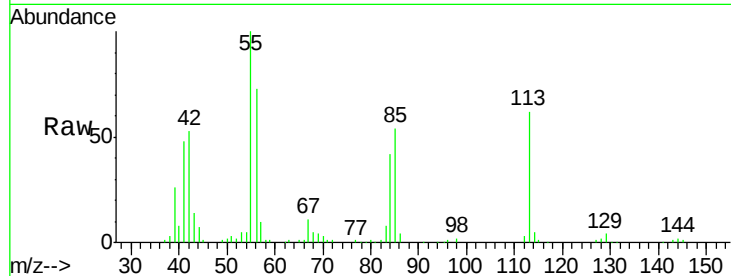




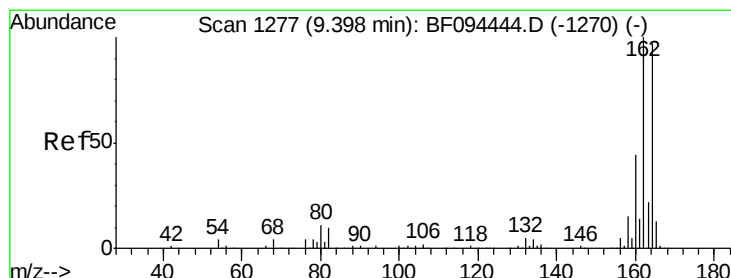
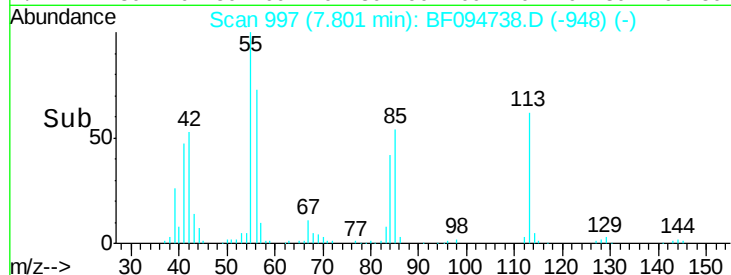
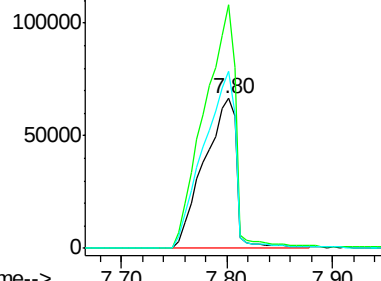
#35
 Caprolactam
 Concen: 71.60 ng
 RT: 7.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

Tot Ion:113 Resp: 142230
 Ion Ratio Lower Upper
 113 100
 55 162.5 150.2 190.2
 56 117.9 107.8 147.8

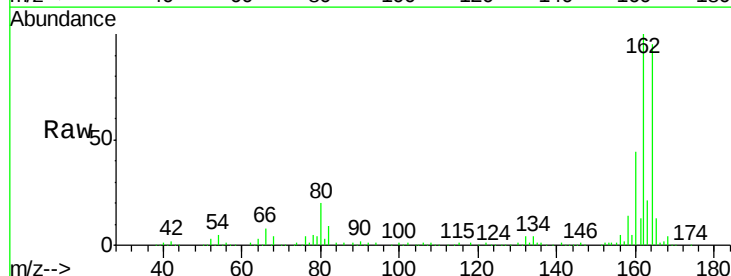


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

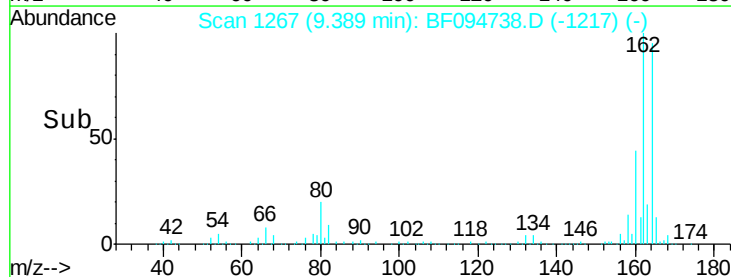
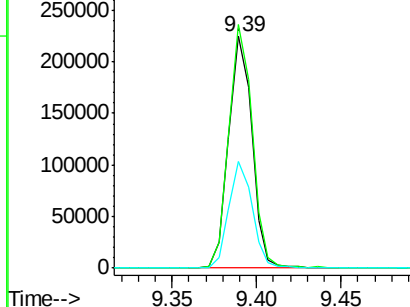


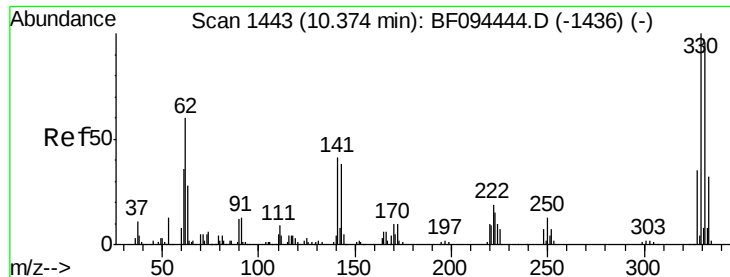
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Tgt Ion:164 Resp: 217158
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 45.9 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

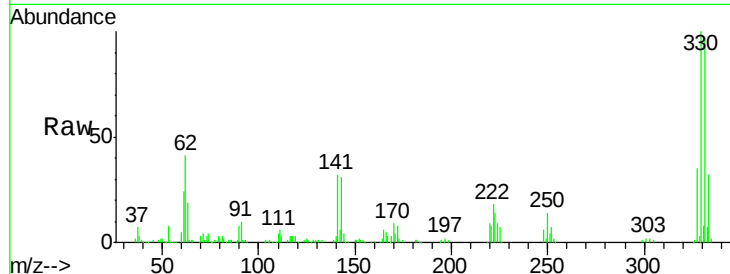




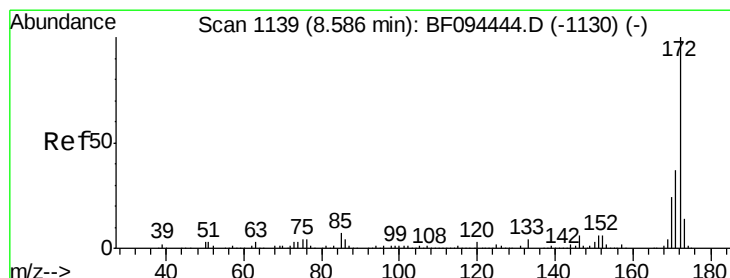
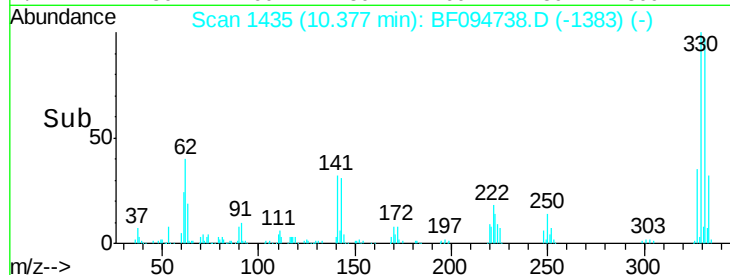
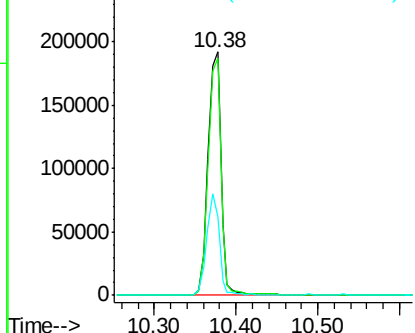
#41
 2,4,6-Tribromophenol
 Concen: 126.22 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

Tot Ion:330 Resp: 214392
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 40.8 31.4 47.2

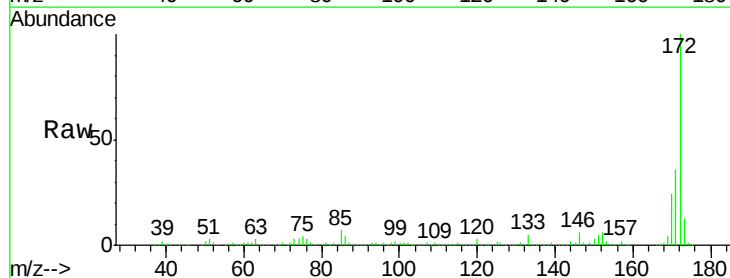


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

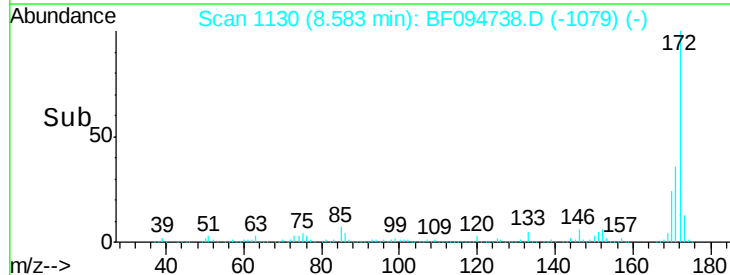
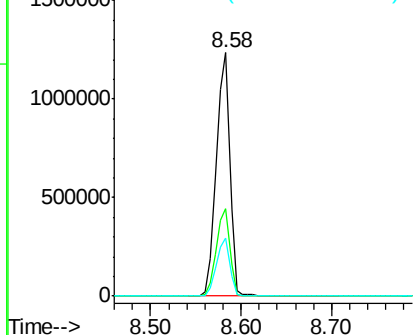


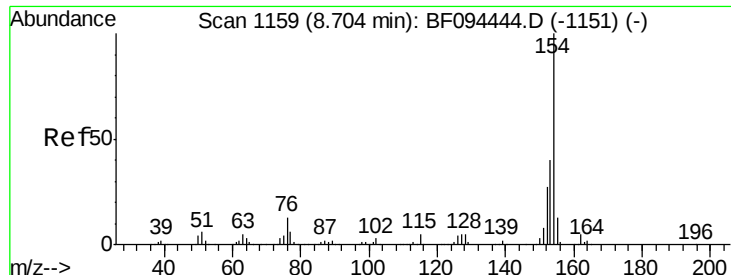
#44
 2-Fluorobiphenyl
 Concen: 86.56 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Tgt Ion:172 Resp: 1277515
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 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





#45

1,1'-Biphenyl

Concen: 3.65 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094738.D

Acq: 1 May 2017 3:19

Instrument :

BNA_F

ClientSampleId :

MW-7BS

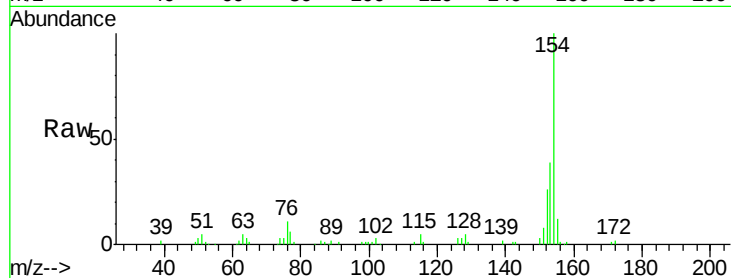
Tot Ion:154 Resp: 64687

Ion Ratio Lower Upper

154 100

153 38.6 21.2 61.2

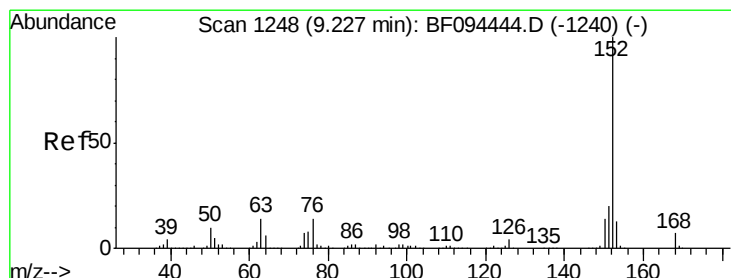
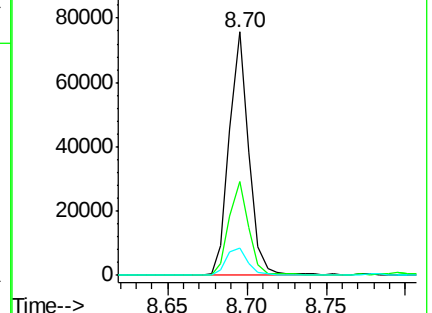
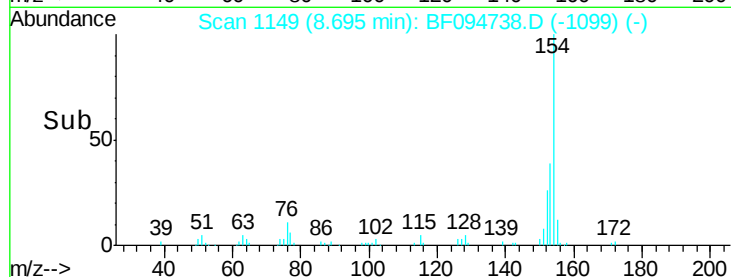
76 11.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 4.16 ng

RT: 9.22 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF094738.D

Acq: 1 May 2017 3:19

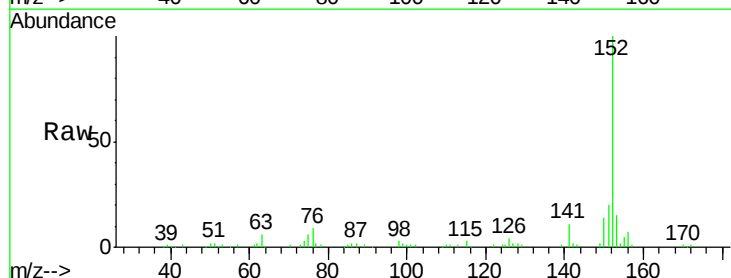
Tgt Ion:152 Resp: 91429

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

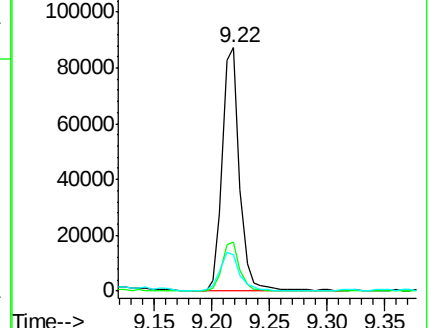
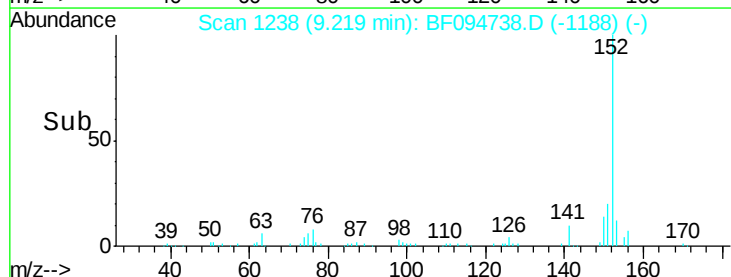
153 14.9 10.8 16.2

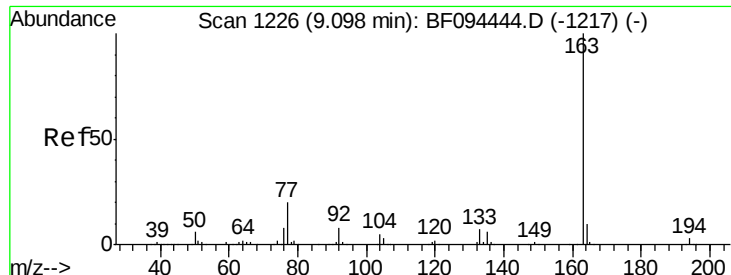


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

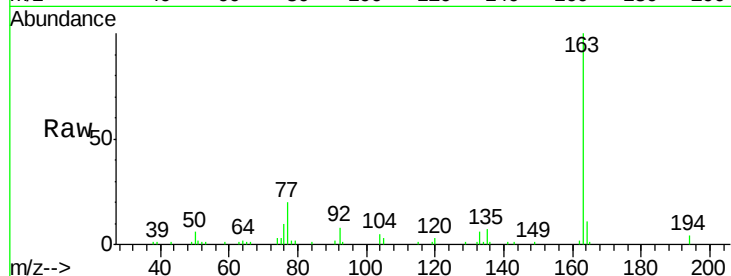




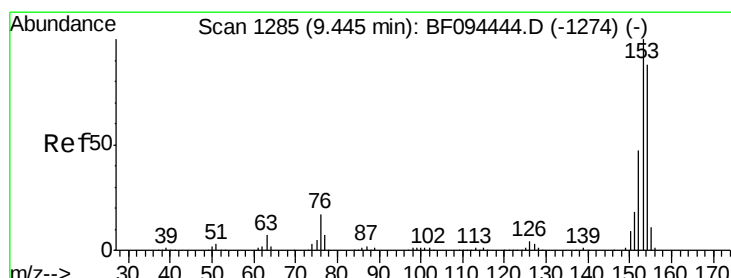
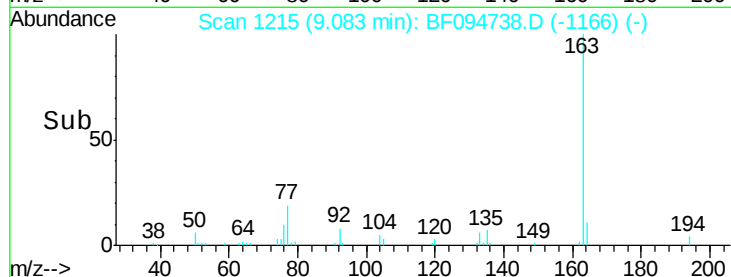
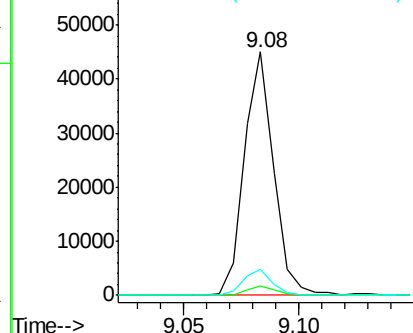
#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tot Ion:163 Resp: 40022
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.5 8.4 12.6

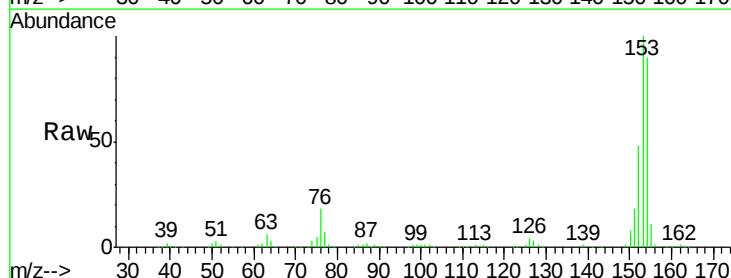


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

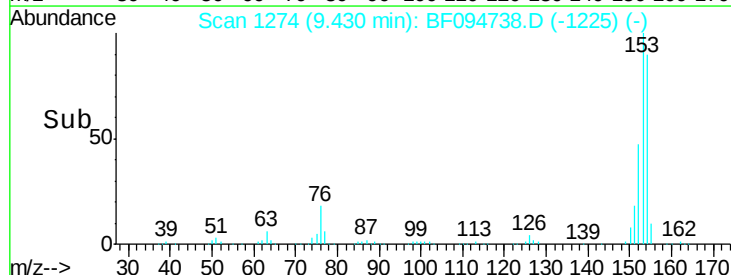
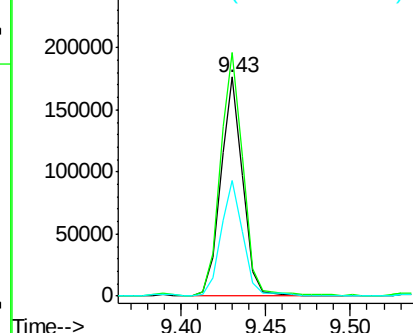


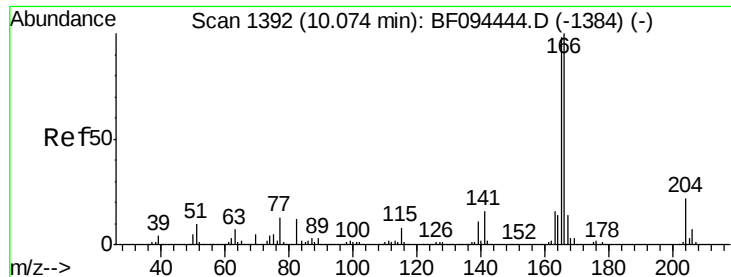
#51
Acenaphthene
Concen: 12.22 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

Tgt Ion:154 Resp: 160937
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 52.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

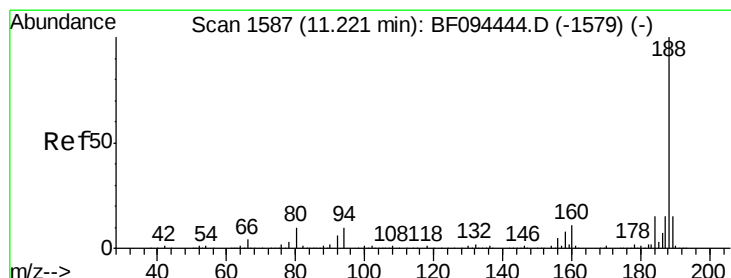
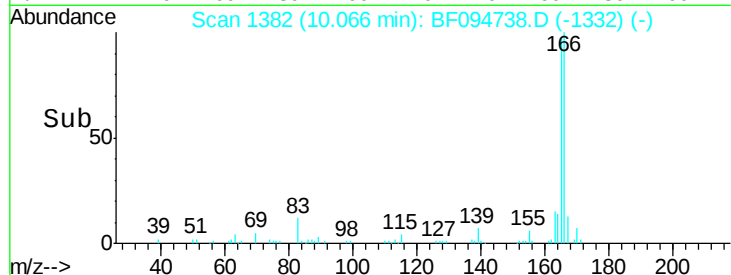
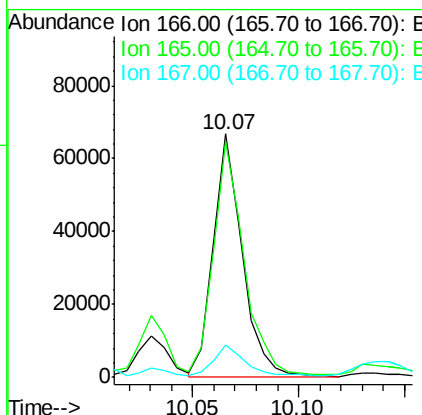
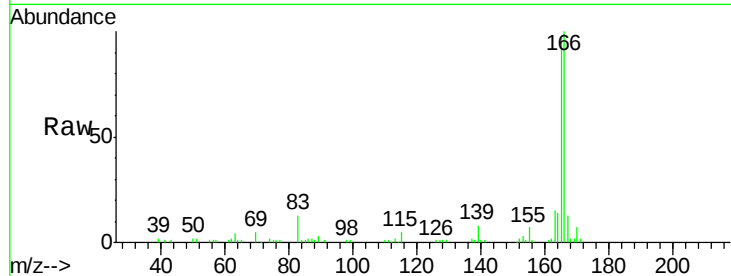




#57
Fluorene
 Concen: 4.35 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

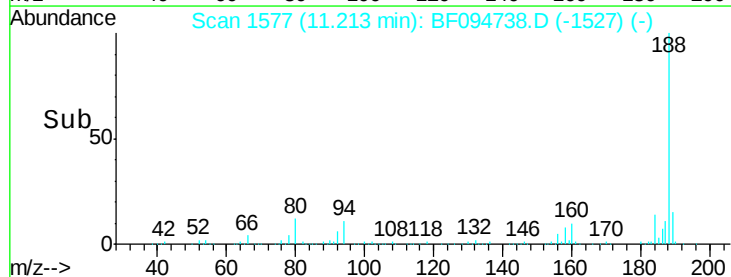
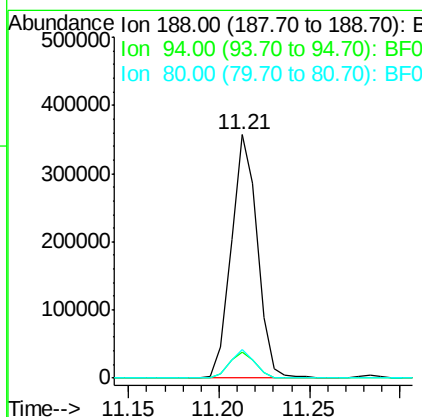
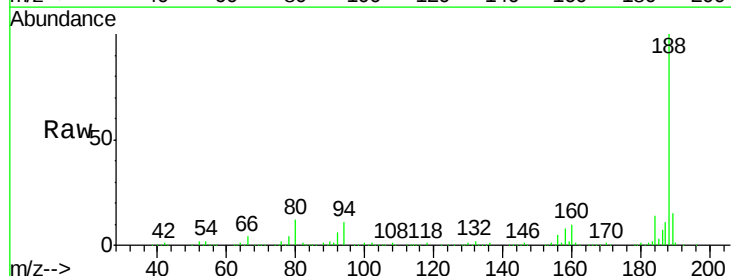
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

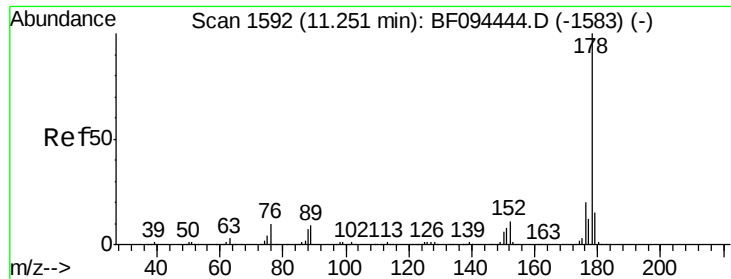
Tot Ion:166 Resp: 64846
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 13.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Tgt Ion:188 Resp: 355596
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.8 10.2 15.2

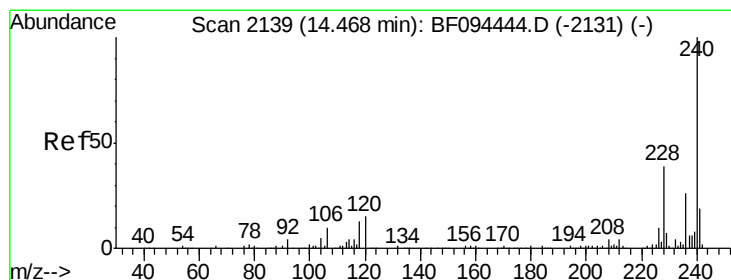
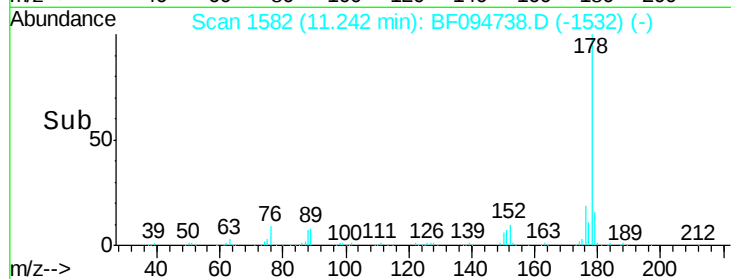
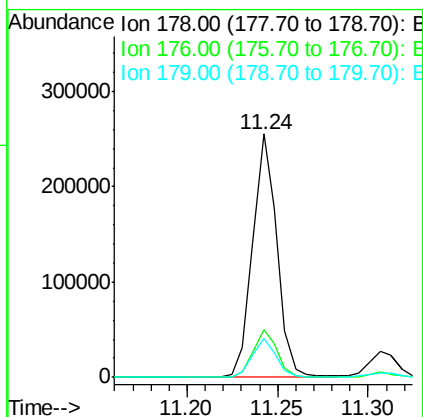
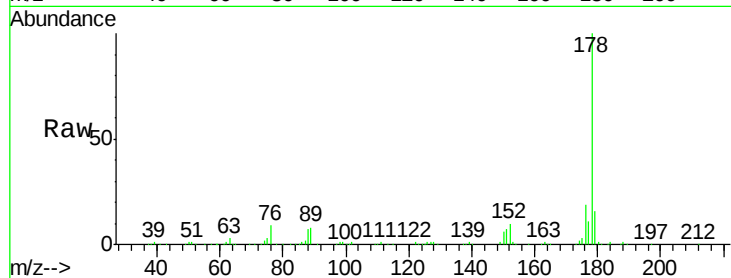




#70
Phenanthrene
Concen: 11.85 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

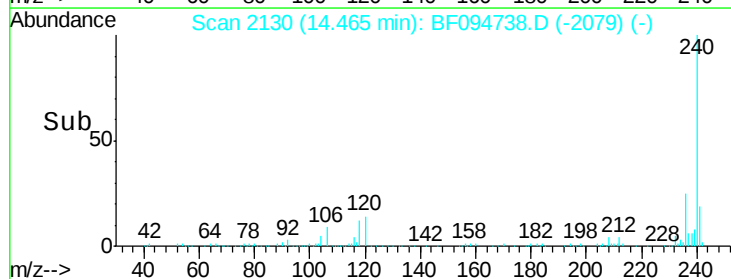
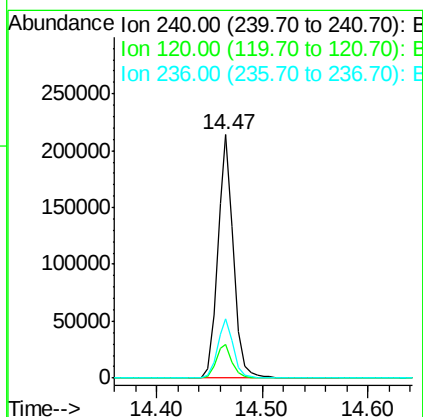
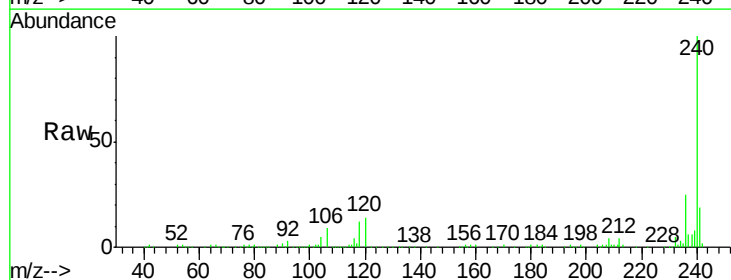
Instrument :
BNA_F
ClientSampleId :
MW-7BS

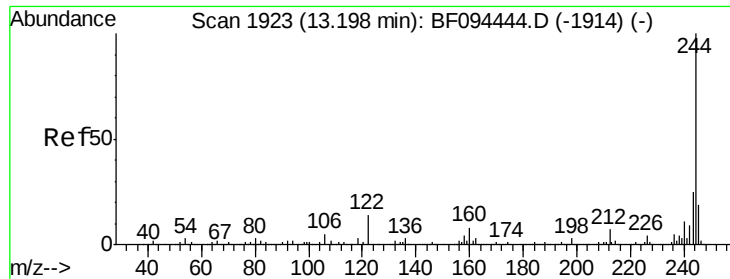
Tot Ion:178 Resp: 237273
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.7 12.6 19.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094738.D
Acq: 1 May 2017 3:19

Tgt Ion:240 Resp: 223080
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 24.6 20.5 30.7

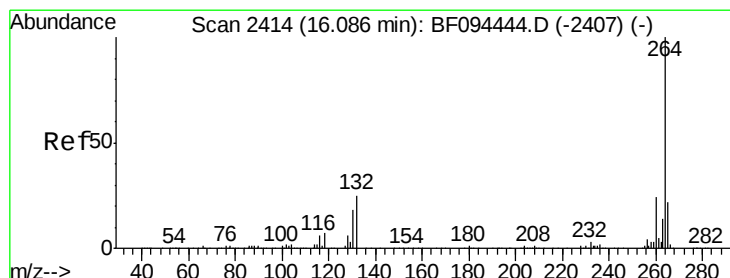
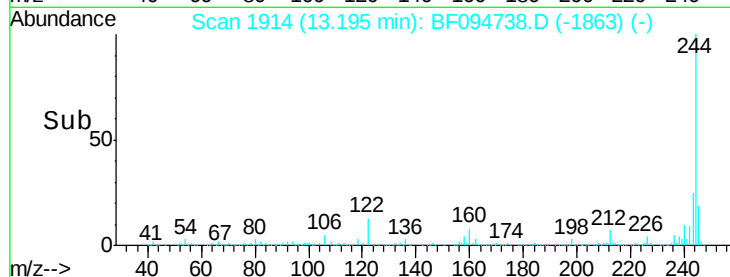
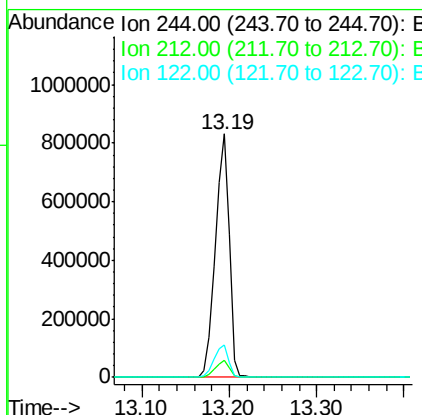
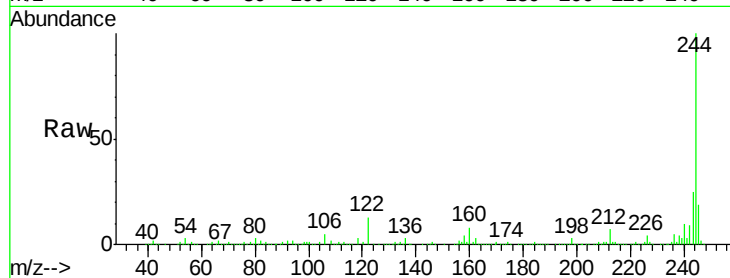




#78
 Terphenyl-d14
 Concen: 110.60 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

Tot Ion:244 Resp: 923024
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094738.D
 Acq: 1 May 2017 3:19

Tgt Ion:264 Resp: 210039
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.0 17.2 25.8

