

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094751.D
 Acq On : 1 May 2017 15:12
 Operator : SJ/MA
 Sample : I2902-03DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Quant Time: May 02 02:35:29 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

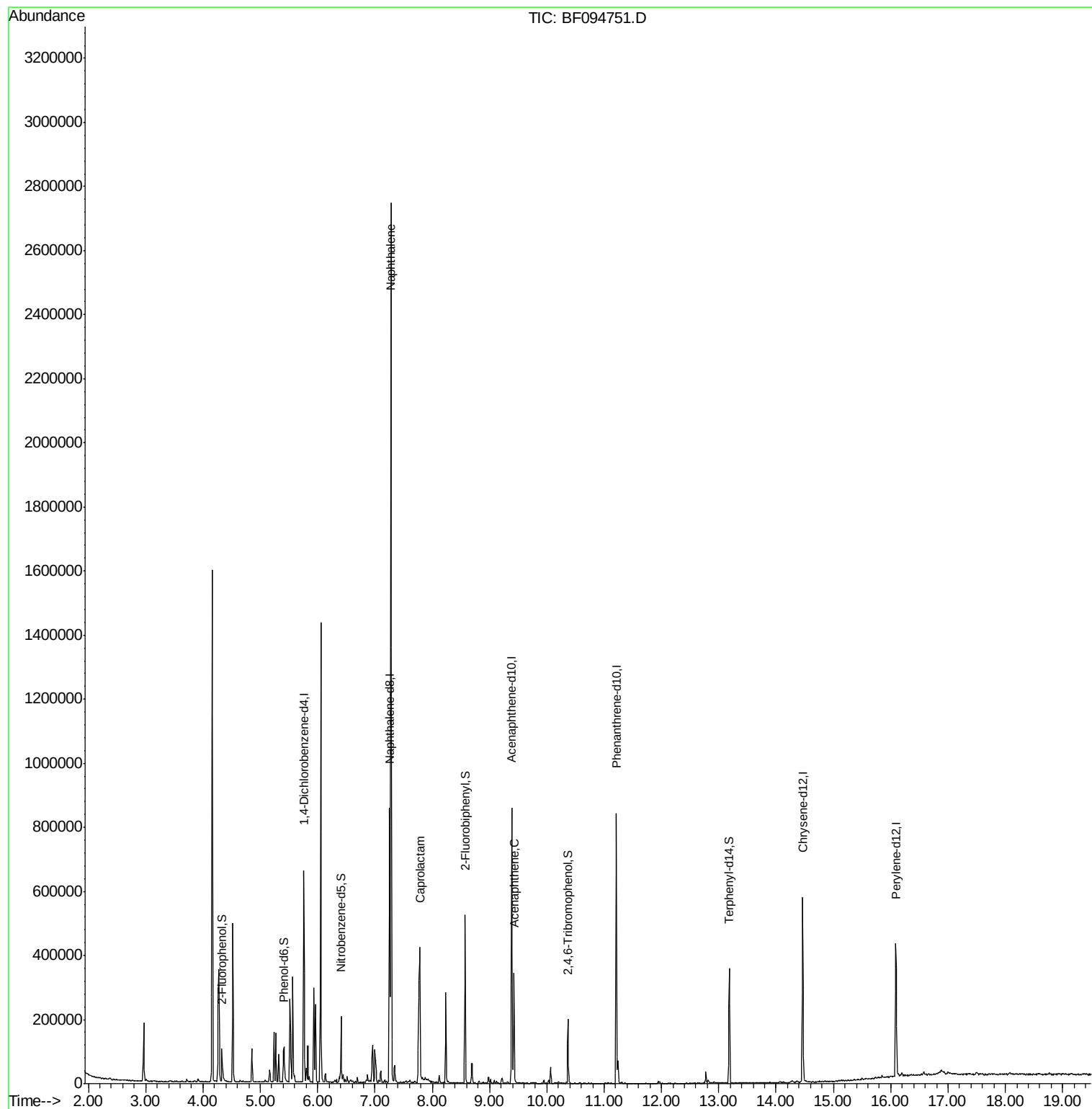
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	102495	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	410626	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	194778	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	326966	20.00	ng	0.00
75) Chrysene-d12	14.47	240	255085	20.00	ng	0.00
86) Perylene-d12	16.09	264	174660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	42238	6.84	ng	0.03
7) Phenol-d6	5.41	99	30249	4.15	ng	0.01
23) Nitrobenzene-d5	6.41	82	70242	10.56	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	24443	16.04	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	161370	12.19	ng	-0.01
78) Terphenyl-d14	13.18	244	120787	12.66	ng	-0.01
Target Compounds						
31) Naphthalene	7.28	128	1283685	65.03	ng	99
35) Caprolactam	7.78	113	74737	41.85	ng	91
51) Acenaphthene	9.42	154	76117	6.44	ng	98

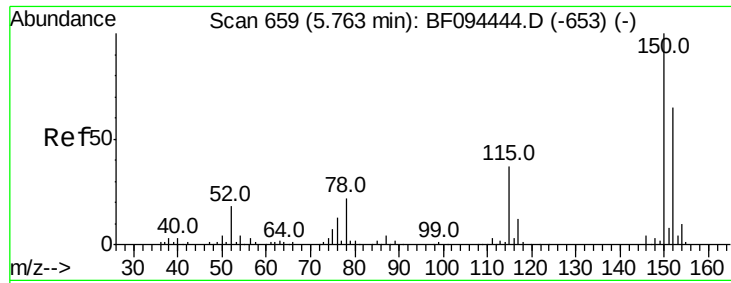
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094751.D
Acq On : 1 May 2017 15:12
Operator : SJ/MA
Sample : I2902-03DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Quant Time: May 02 02:35:29 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

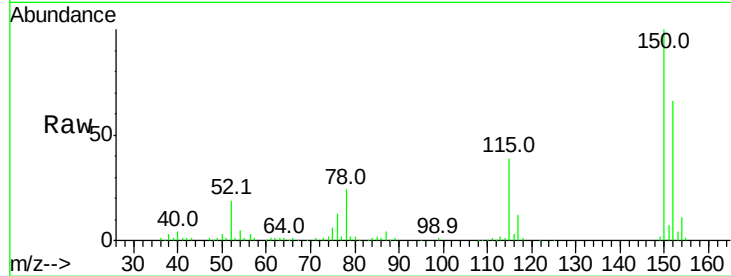
Tot Ion:152 Resp: 102495

Ion Ratio Lower Upper

152 100

150 152.1 126.2 189.2

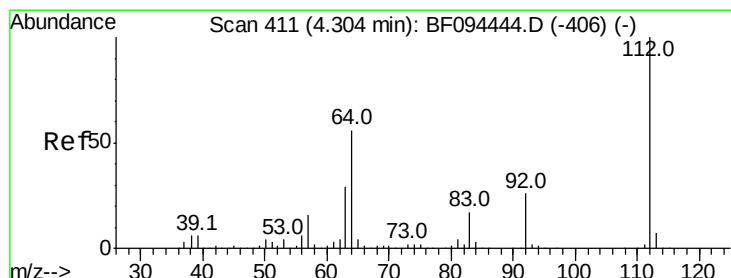
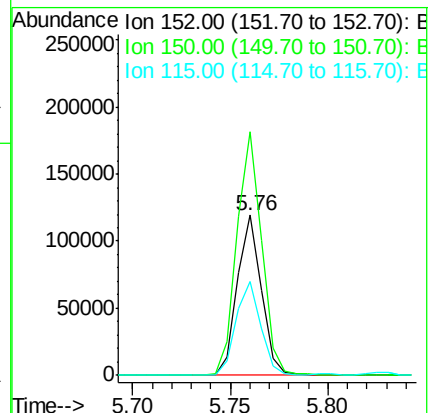
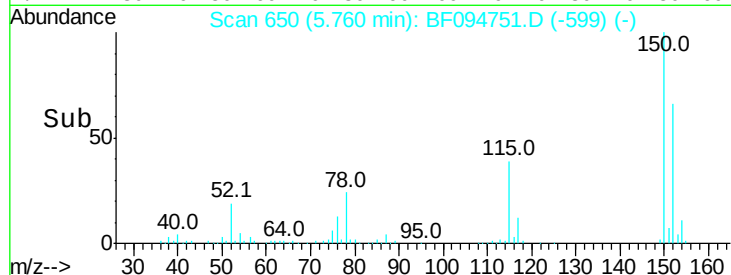
115 58.9 52.2 78.2



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: 6.84 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

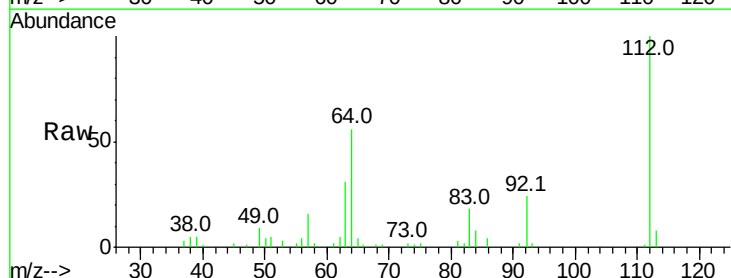
Tgt Ion:112 Resp: 42238

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

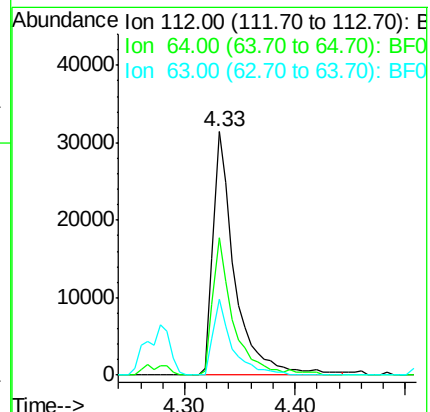
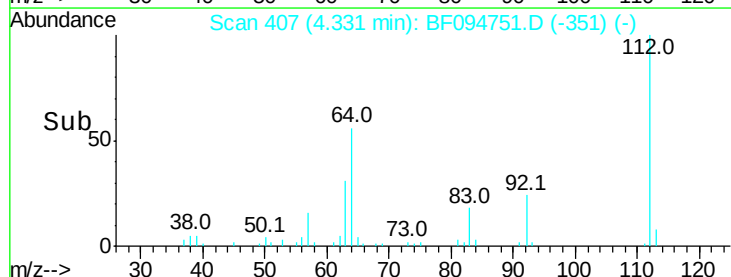
63 31.0 23.4 35.0

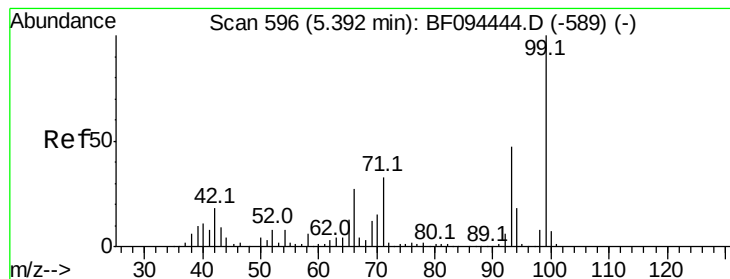


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.15 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

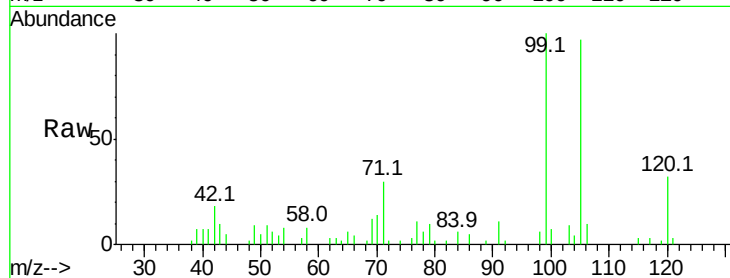
Tot Ion: 99 Resp: 30249

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

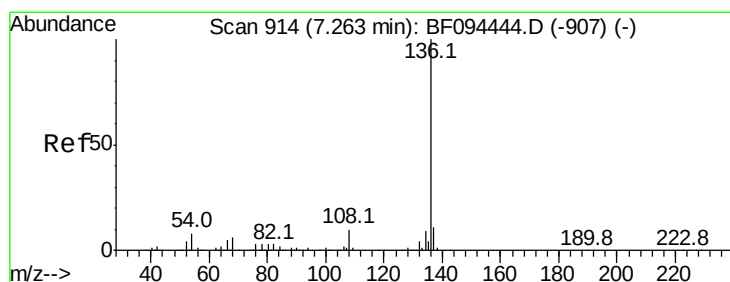
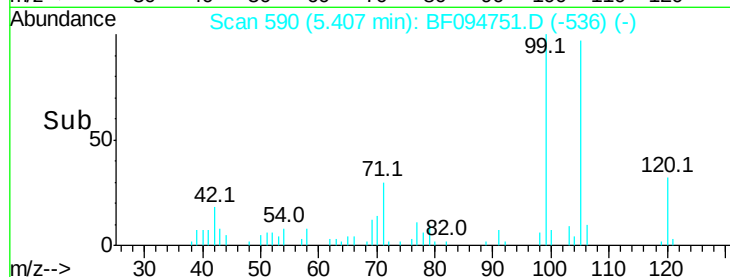
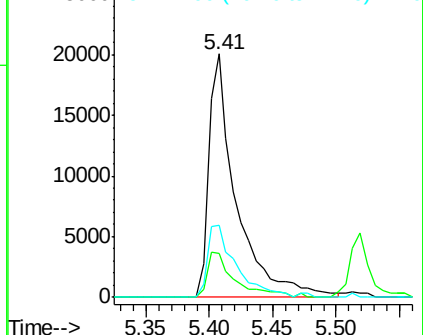
71 29.5 24.5 36.7



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: BF094751.D

Acq: 1 May 2017 15:12

Tgt Ion: 136 Resp: 410626

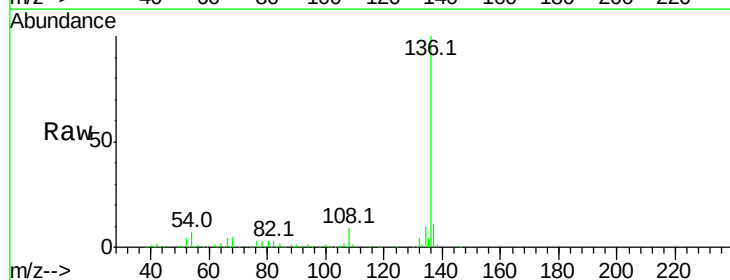
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1

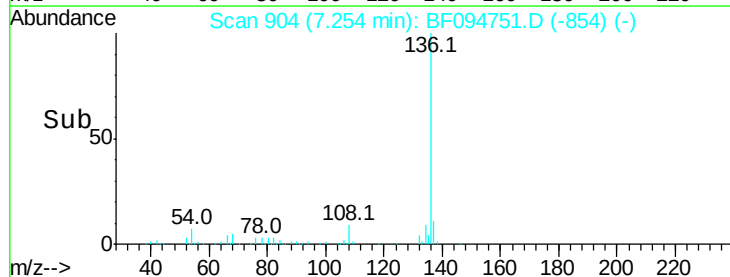
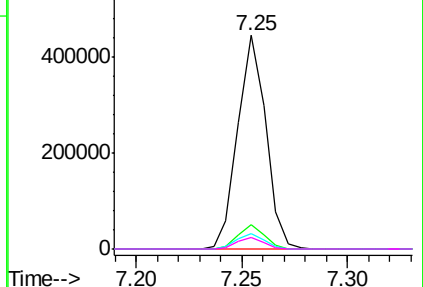


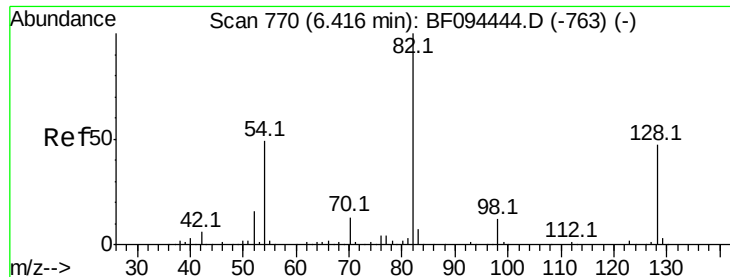
Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.56 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

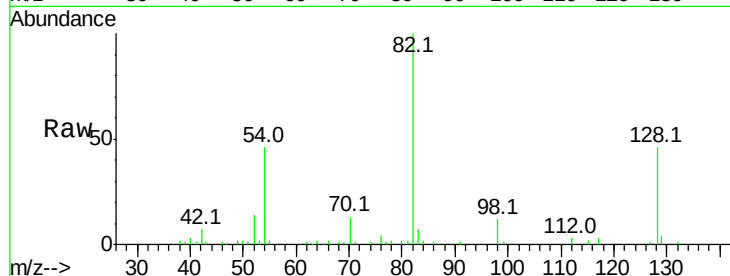
Tot Ion: 82 Resp: 70242

Ion Ratio Lower Upper

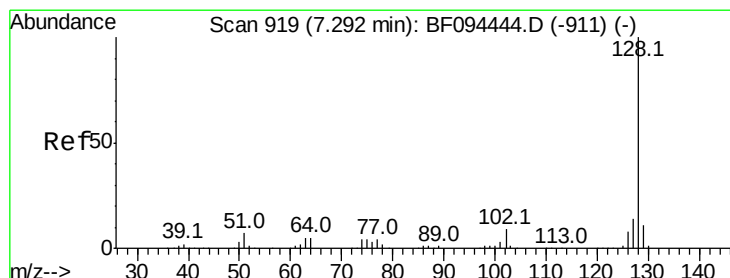
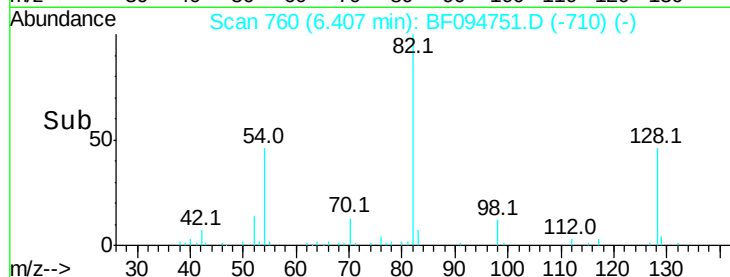
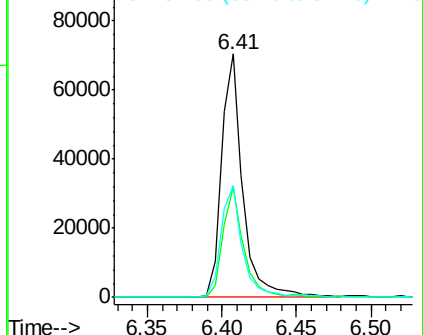
82 100

128 45.6 34.0 51.0

54 45.8 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: 65.03 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

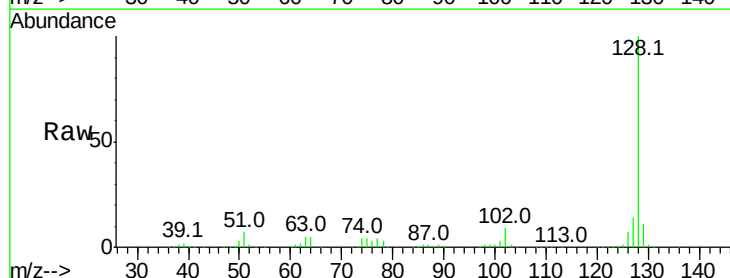
Tgt Ion:128 Resp: 1283685

Ion Ratio Lower Upper

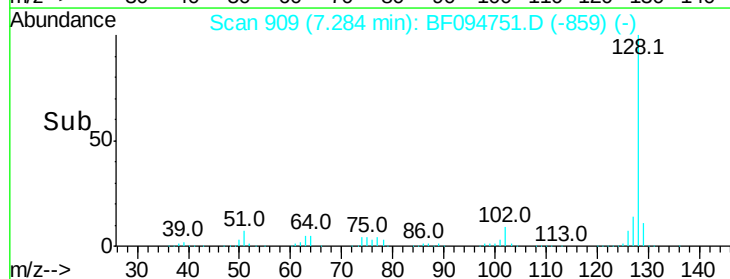
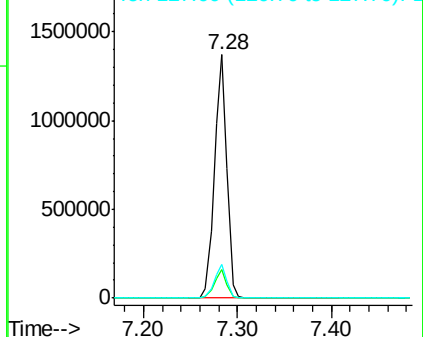
128 100

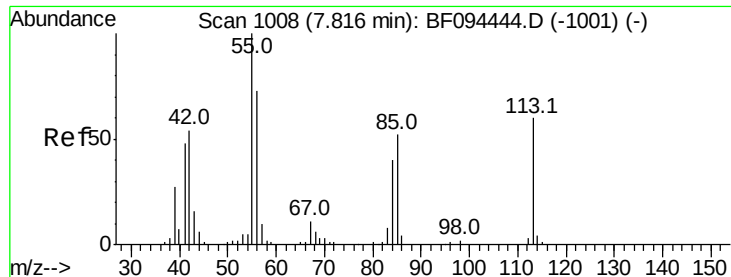
129 11.5 9.0 13.6

127 13.7 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

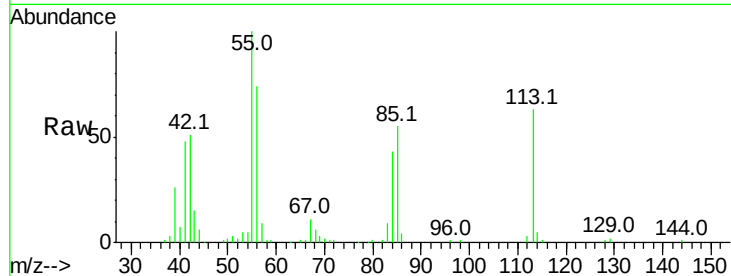




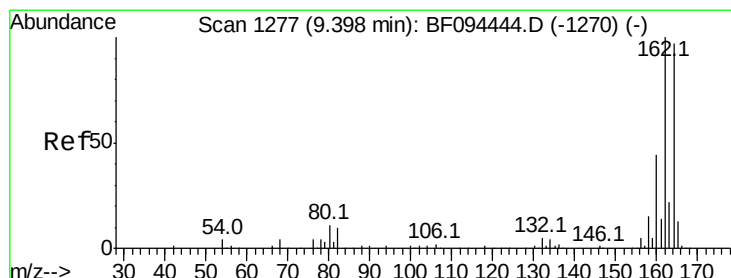
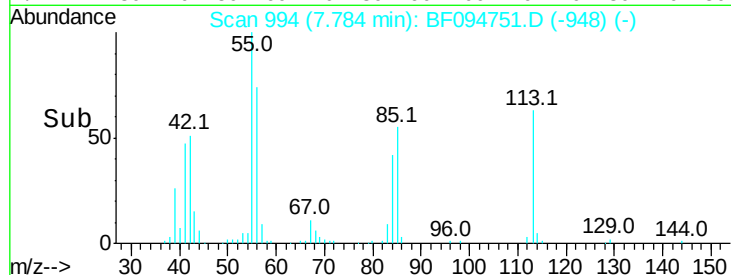
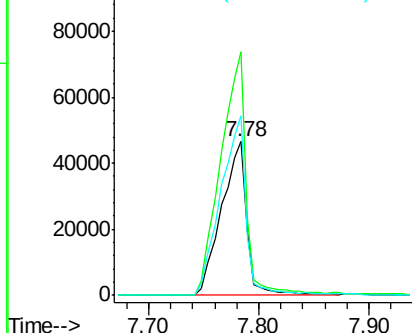
#35
 Caprolactam
 Concen: 41.85 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.03 min
 Lab File: BF094751.D
 Acq: 1 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot Ion:113 Resp: 74737
 Ion Ratio Lower Upper
 113 100
 55 158.4 150.2 190.2
 56 116.5 107.8 147.8

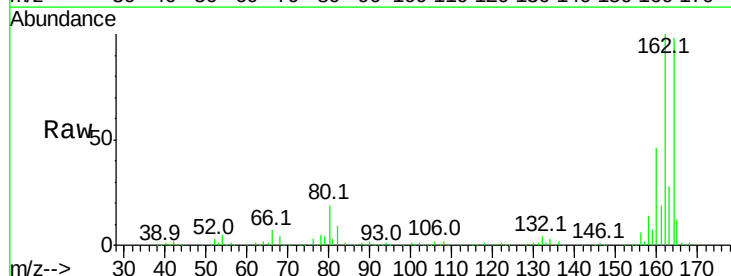


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

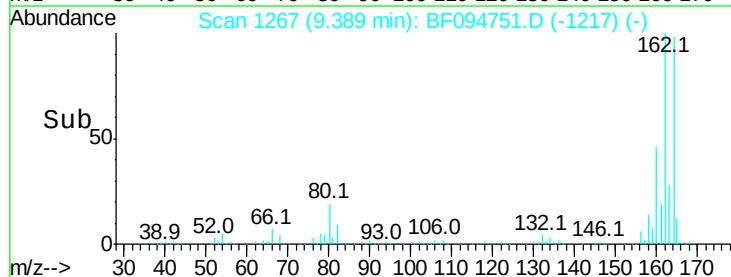
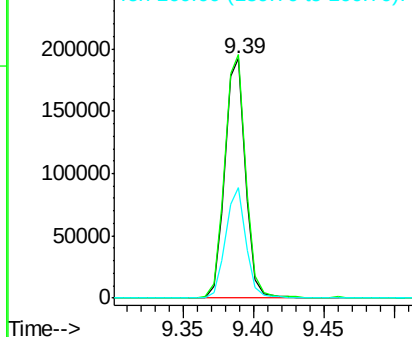


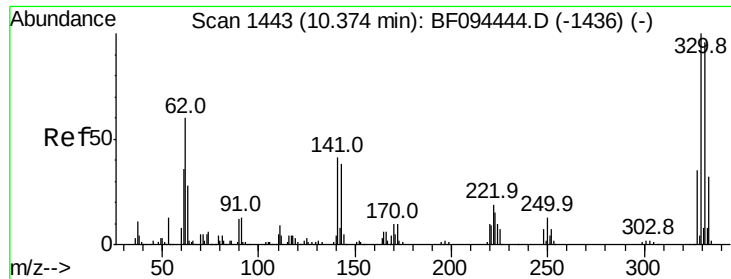
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094751.D
 Acq: 1 May 2017 15:12

Tgt Ion:164 Resp: 194778
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 46.3 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

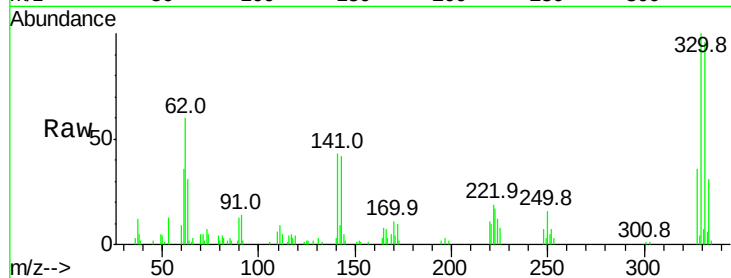




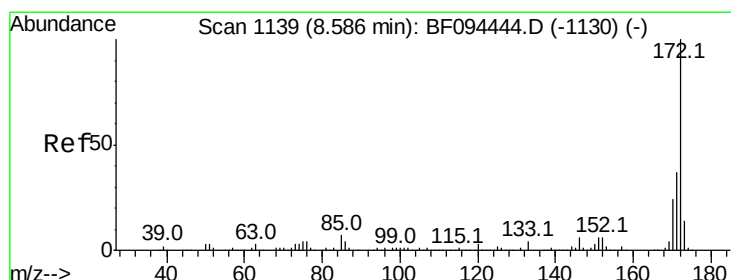
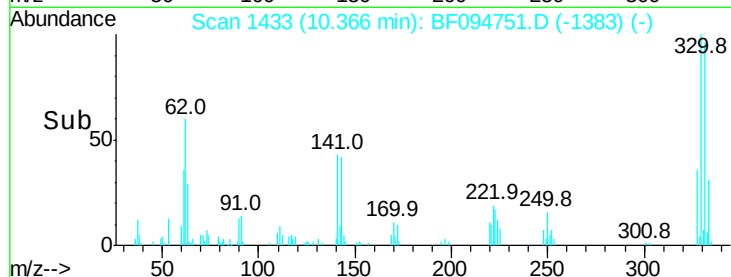
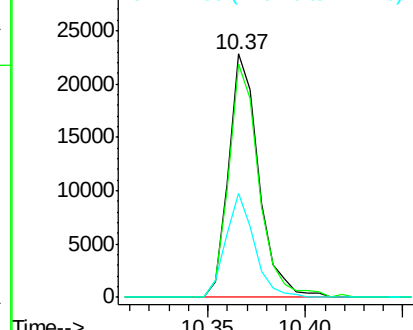
#41
 2,4,6-Tribromophenol
 Concen: 16.04 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094751.D
 Acq: 1 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot Ion:330 Resp: 24443
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 40.4 31.4 47.2

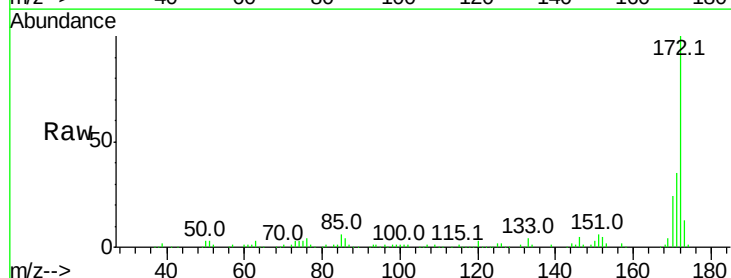


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

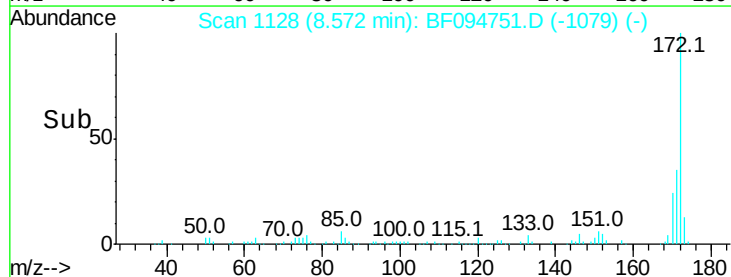
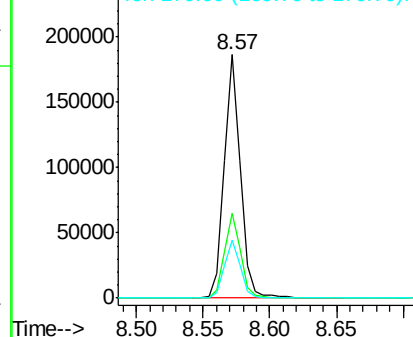


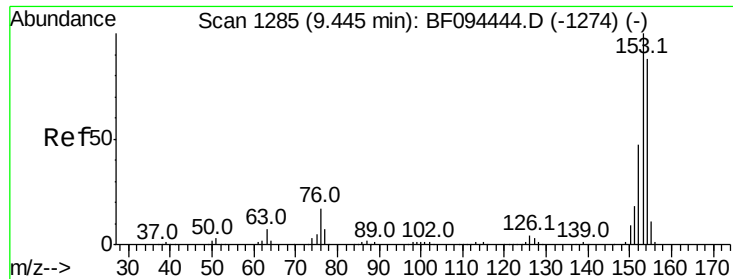
#44
 2-Fluorobiphenyl
 Concen: 12.19 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094751.D
 Acq: 1 May 2017 15:12

Tgt Ion:172 Resp: 161370
 Ion Ratio Lower Upper
 172 100
 171 34.6 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





#51

Acenaphthene

Concen: 6.44 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

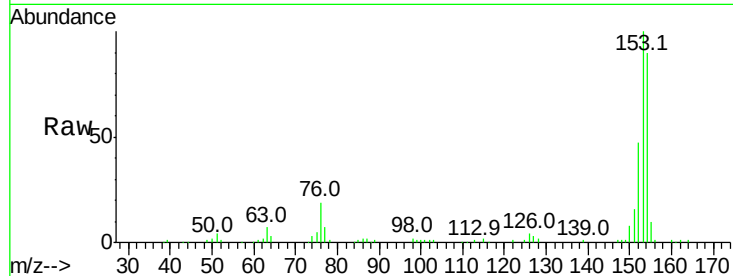
Tot Ion:154 Resp: 76117

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

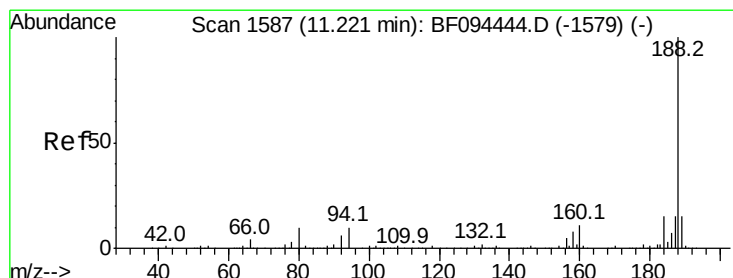
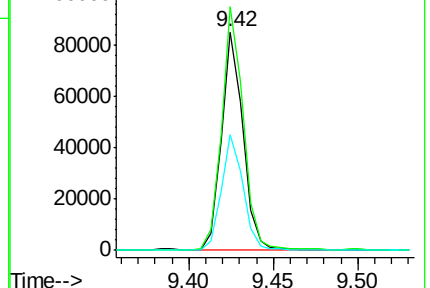
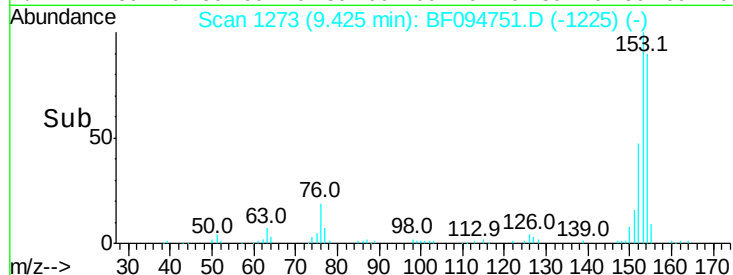
152 52.9 43.6 65.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

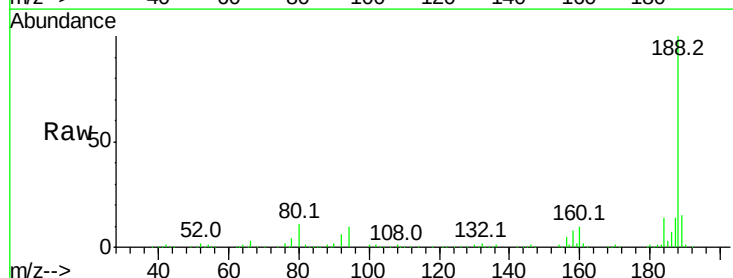
Tgt Ion:188 Resp: 326966

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

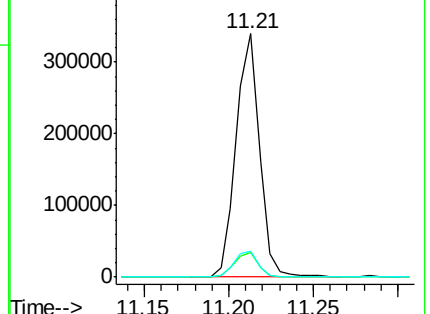
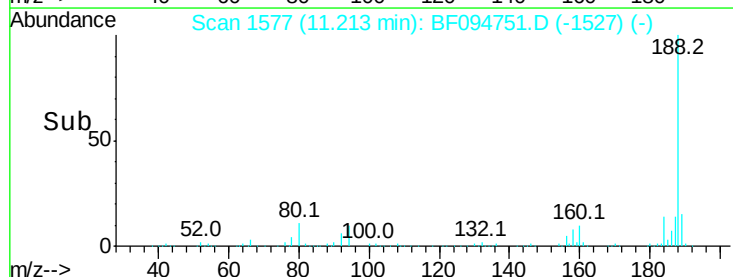
80 10.7 10.2 15.2

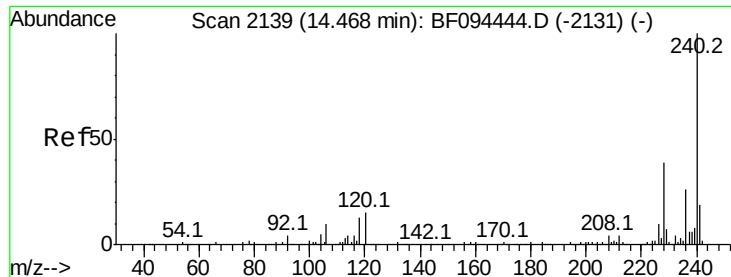


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

Instrument :

BNA_F

ClientSampleID :

MW-3BDL

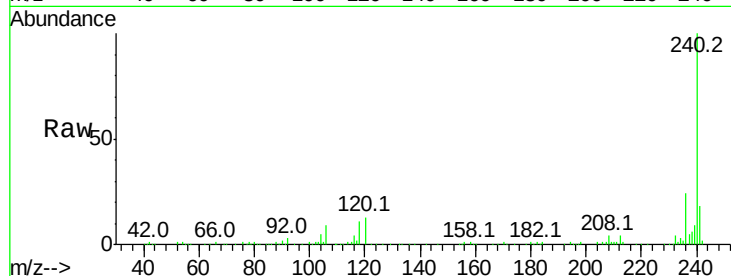
Tot Ion:240 Resp: 255085

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

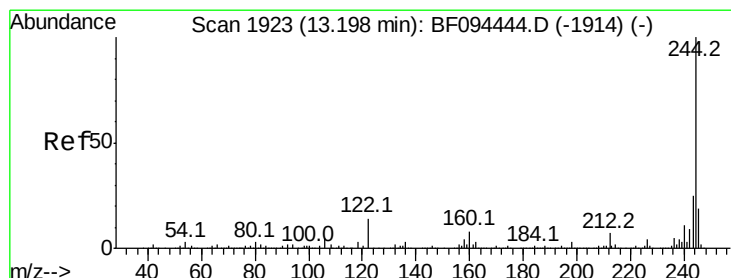
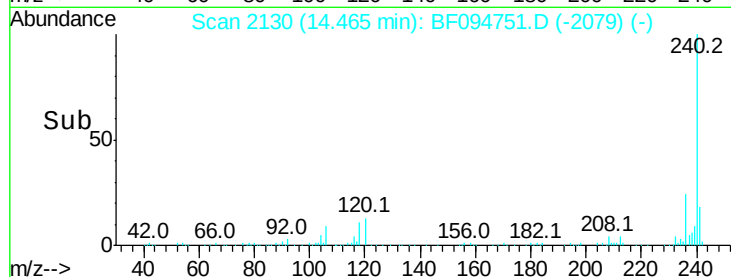
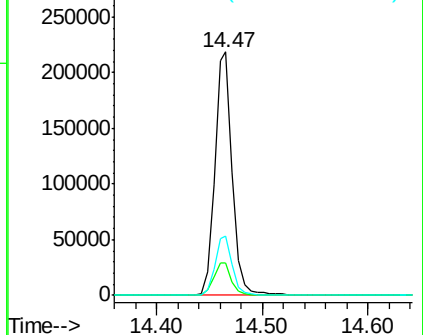
236 24.1 20.5 30.7



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: 12.66 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094751.D

Acq: 1 May 2017 15:12

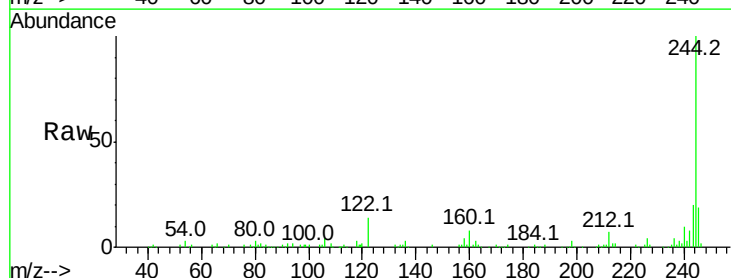
Tgt Ion:244 Resp: 120787

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

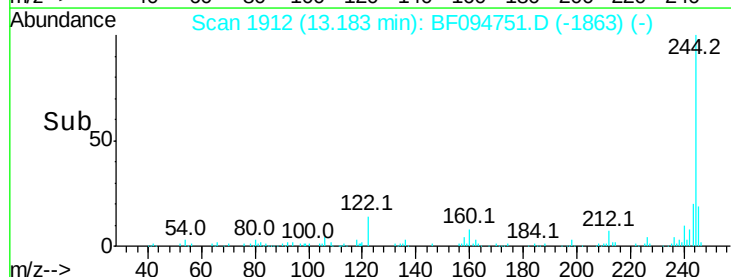
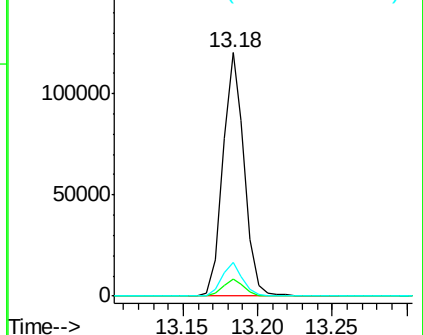
122 14.0 10.3 15.5

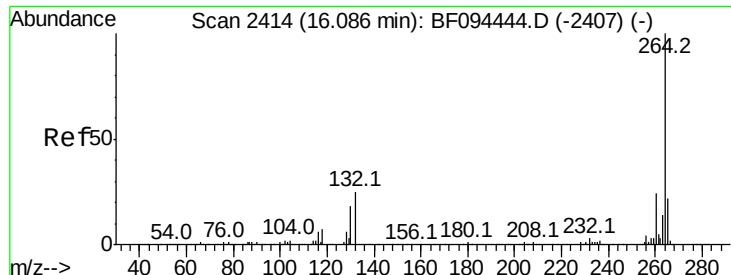


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

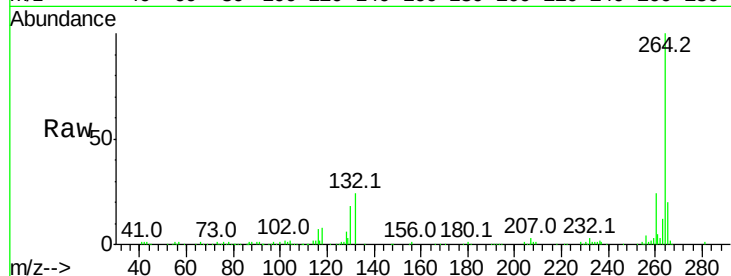




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094751.D
 Acq: 1 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	19.8	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

