

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095417.D
 Acq On : 25 May 2017 9:53
 Operator : SJ/MA
 Sample : I3248-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 13:28:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

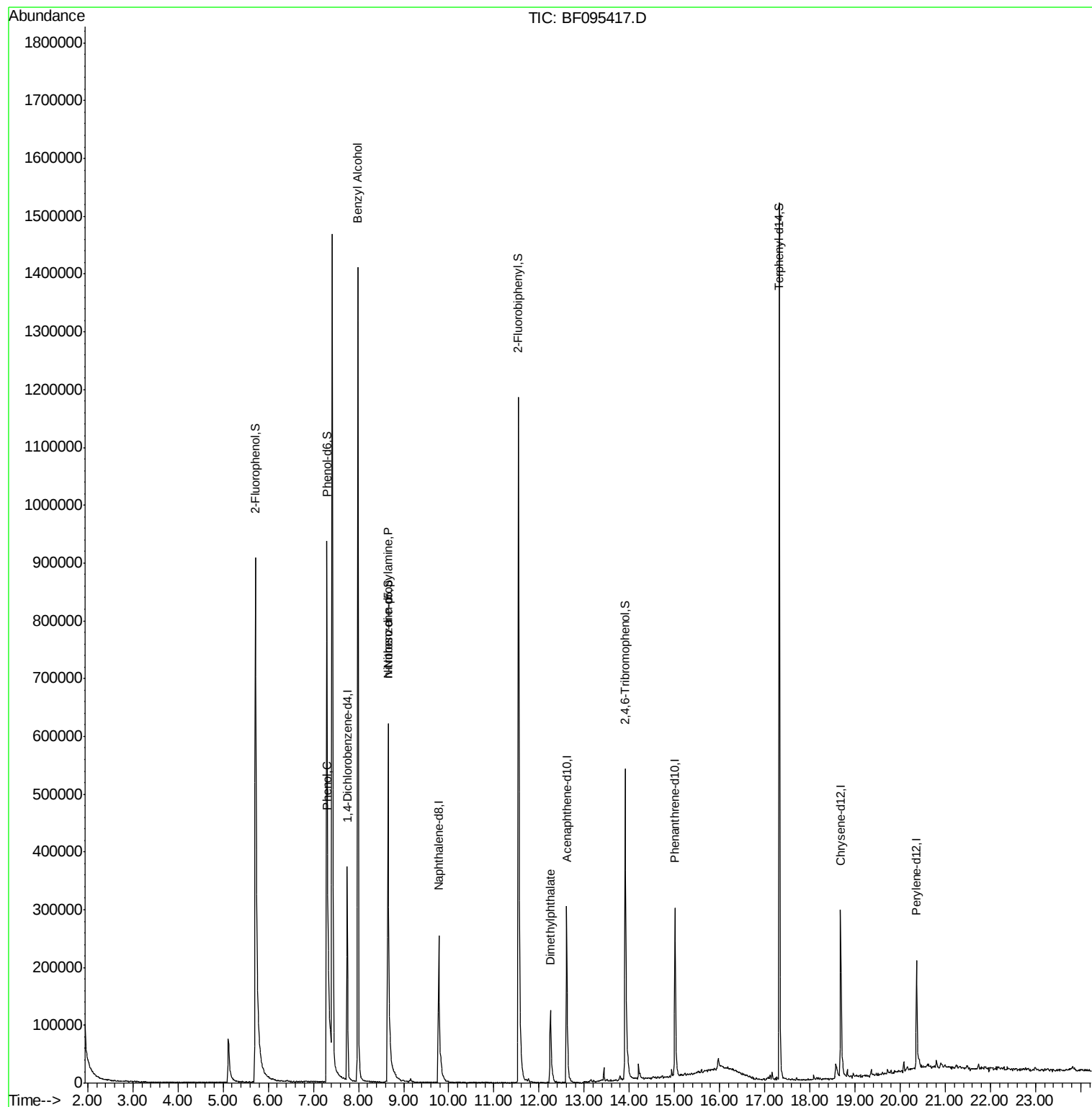
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83797	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	309699	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	120143	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	202067	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	179222	20.00	ng	-0.01
86) Perylene-d12	20.37	264	109931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	732750	145.79	ng	-0.02
7) Phenol-d6	7.30	99	843777	139.92	ng	-0.02
23) Nitrobenzene-d5	8.65	82	437269	89.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	133727	135.91	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	821426	98.41	ng	-0.02
78) Terphenyl-d14	17.32	244	610940	75.08	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	14105	2.22	ng	# 16
15) Benzyl Alcohol	7.98	79	8063	2.08	ng	# 36
19) n-Nitroso-di-n-propylamine	8.65	70	52612	12.90	ng	# 77
49) Dimethylphthalate	12.25	163	140539	14.25	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

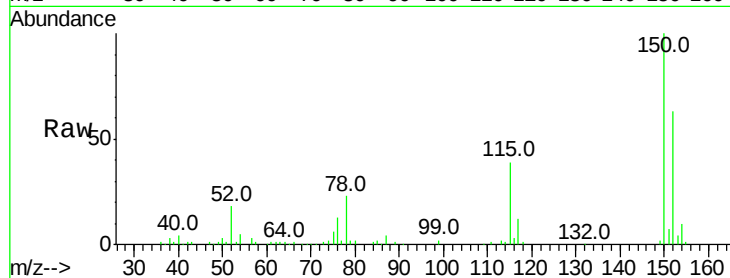
Tot Ion:152 Resp: 83797

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

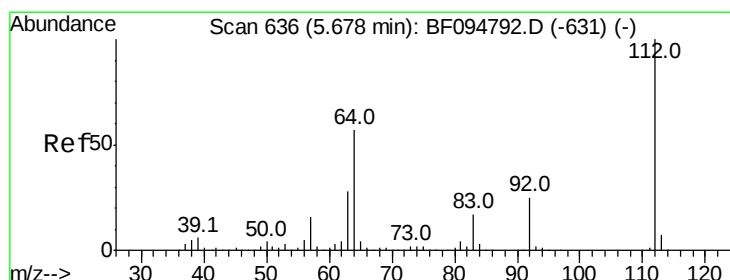
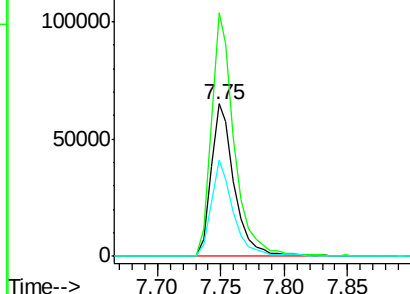
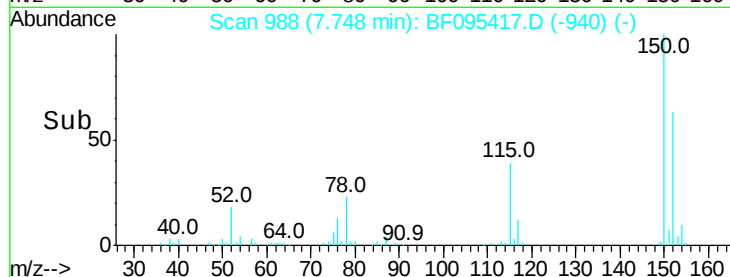
115 62.9 52.2 78.2



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: 145.79 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

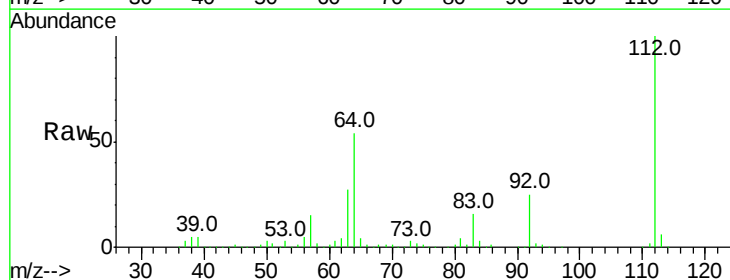
Tgt Ion:112 Resp: 732750

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

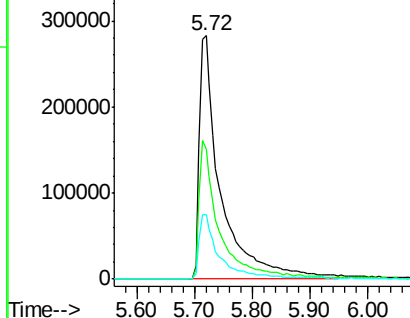
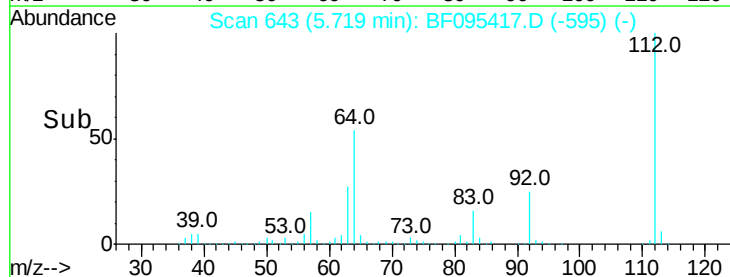
63 26.7 23.4 35.0



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: 139.92 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampled :

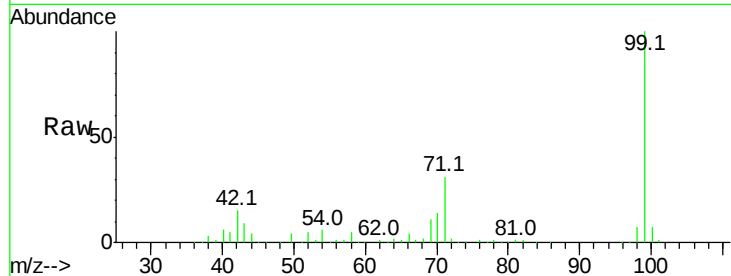
Tot Ion: 99 Resp: 843777

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

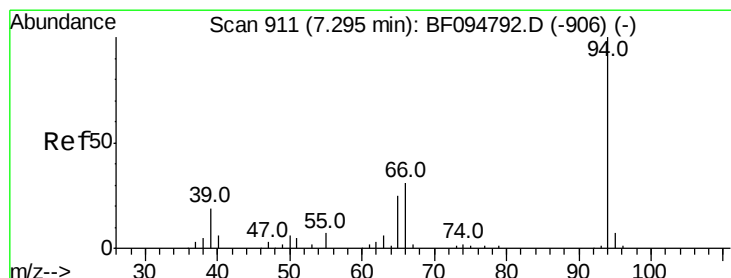
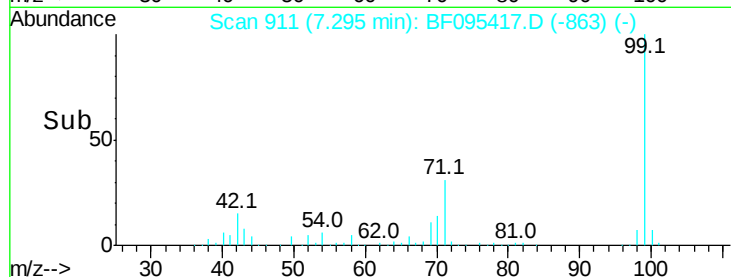
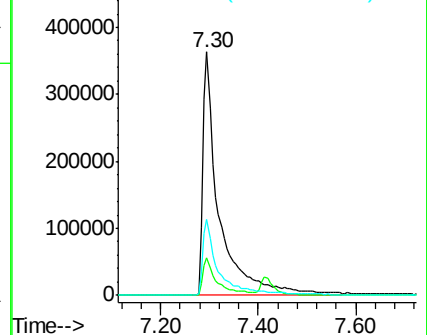
71 31.1 24.5 36.7



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



#10

Phenol

Concen: 2.22 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

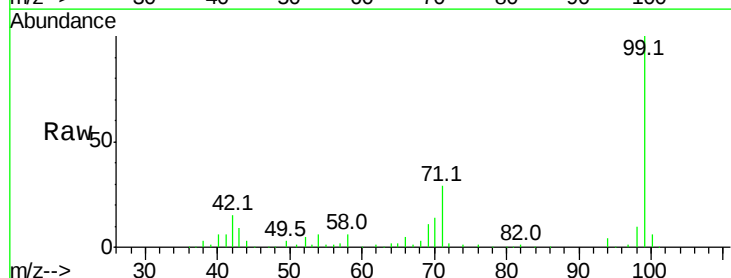
Tgt Ion: 94 Resp: 14105

Ion Ratio Lower Upper

94 100

65 40.3 9.9 49.9

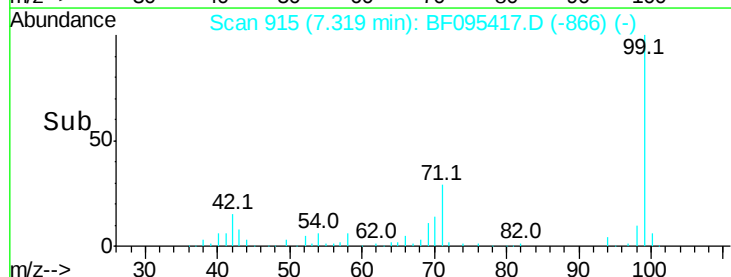
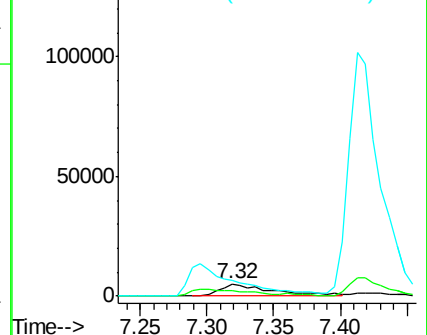
66 125.2 23.1 63.1#

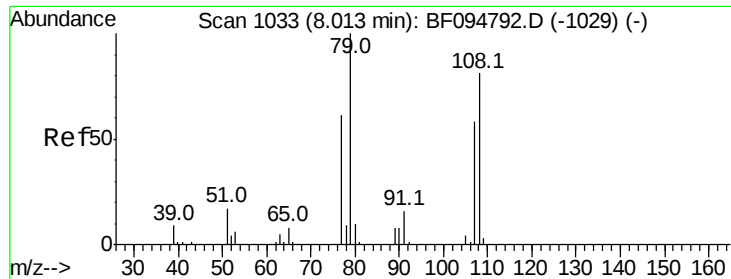


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

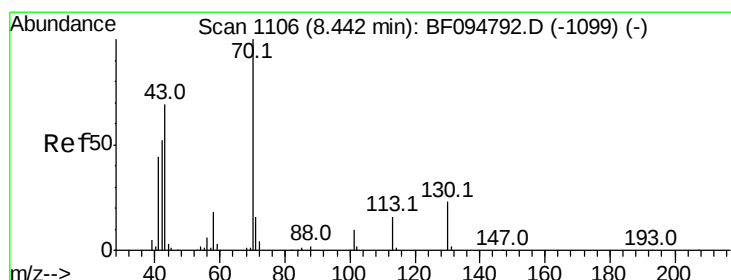
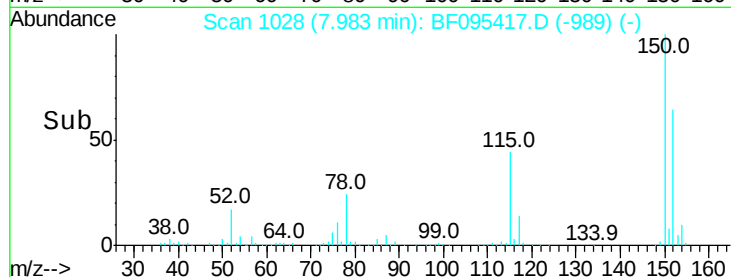
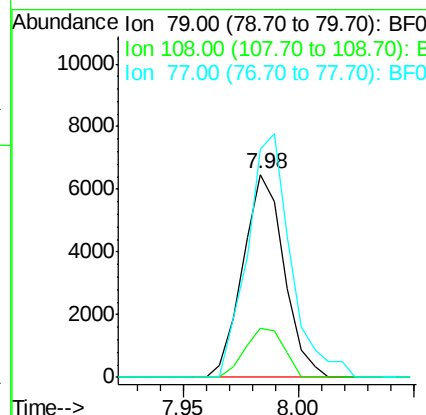
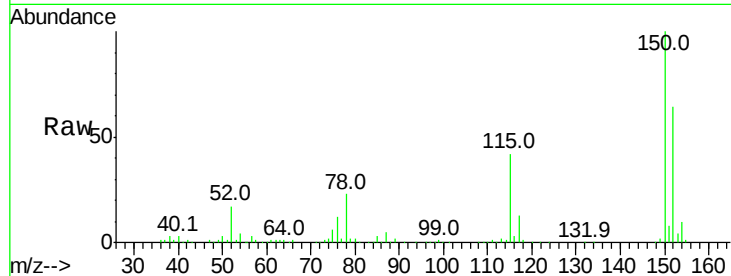




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 7.98 min Scan# 1028
Delta R.T. -0.07 min
Lab File: BF095417.D
Acq: 25 May 2017 9:53

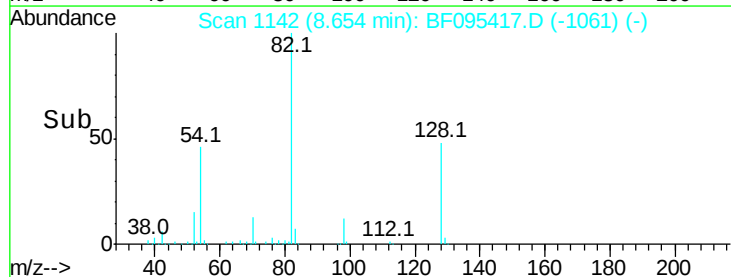
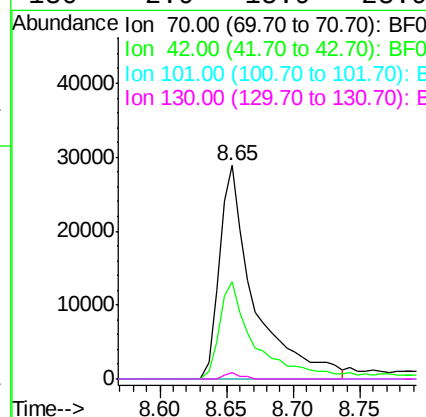
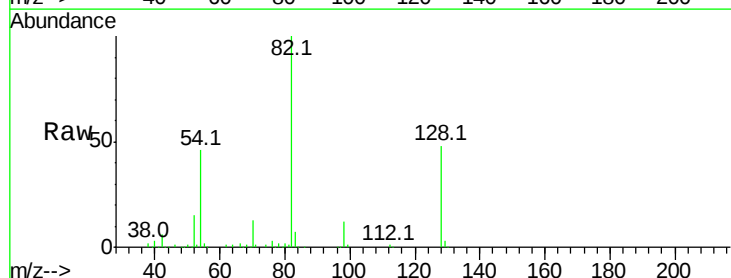
Instrument :
BNA_F
ClientSampled :

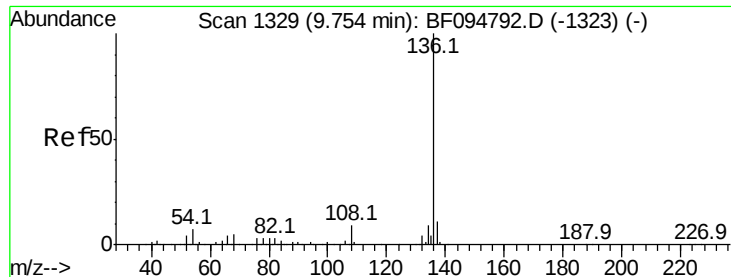
Tot Ion: 79 Resp: 8063
Ion Ratio Lower Upper
79 100
108 24.4 63.4 95.0#
77 112.8 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.90 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095417.D
Acq: 25 May 2017 9:53

Tgt Ion: 70 Resp: 52612
Ion Ratio Lower Upper
70 100
42 45.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 309699

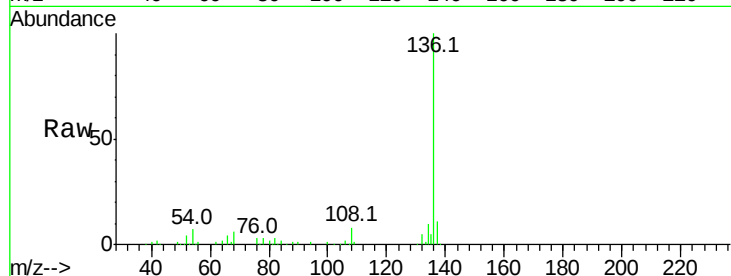
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

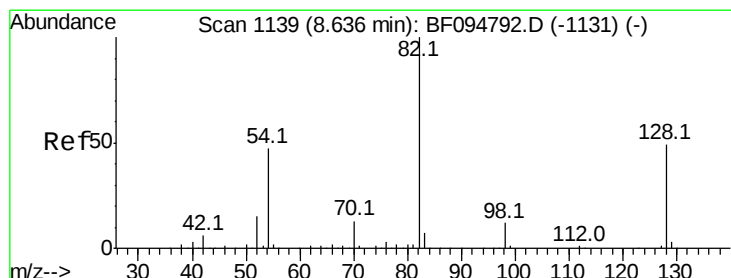
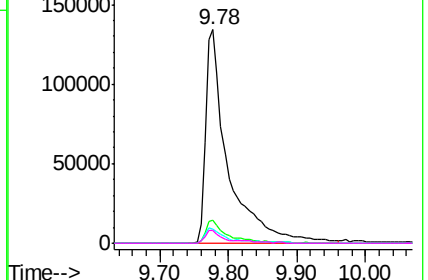
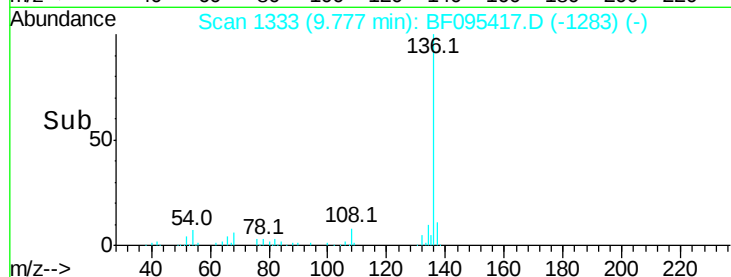


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.03 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

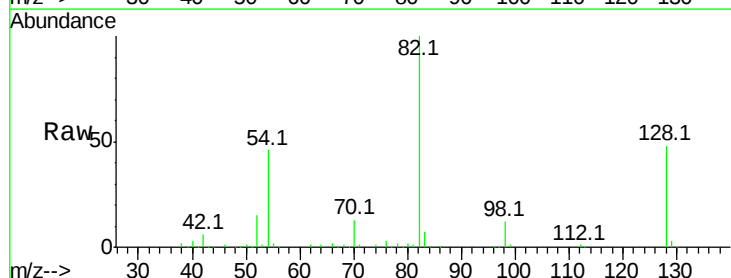
Tgt Ion: 82 Resp: 437269

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

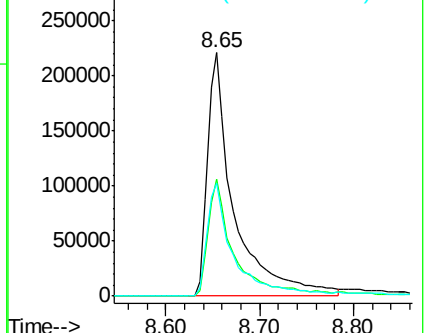
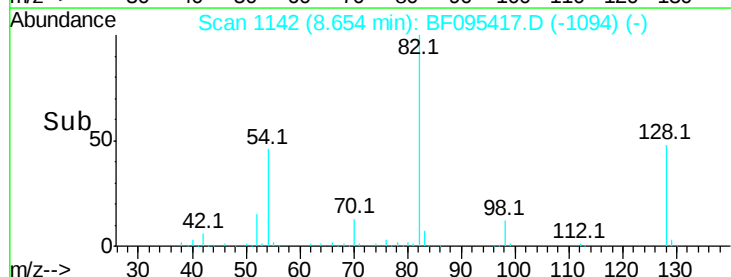
54 46.3 42.2 63.2

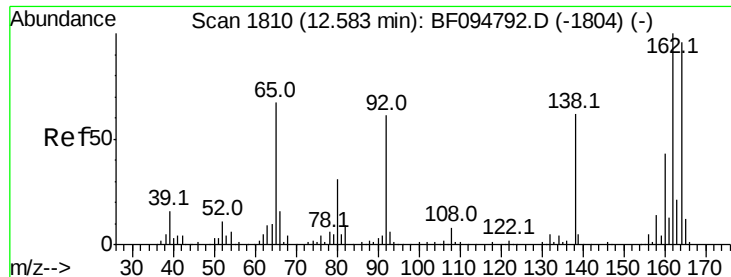


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

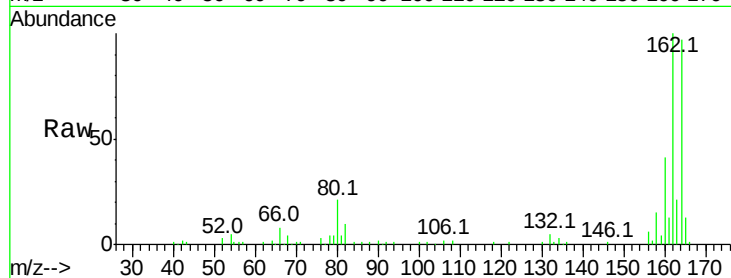
Tot Ion:164 Resp: 120143

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

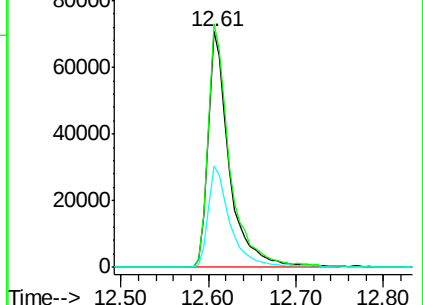
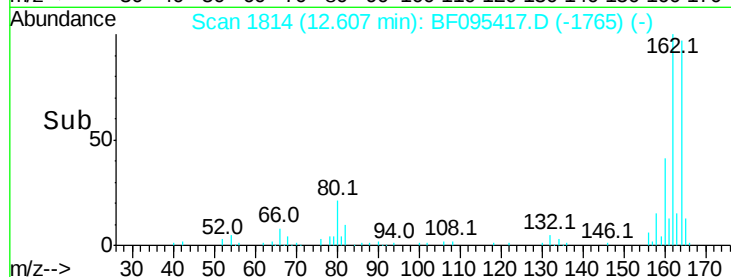
160 42.9 36.2 54.2



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: 135.91 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

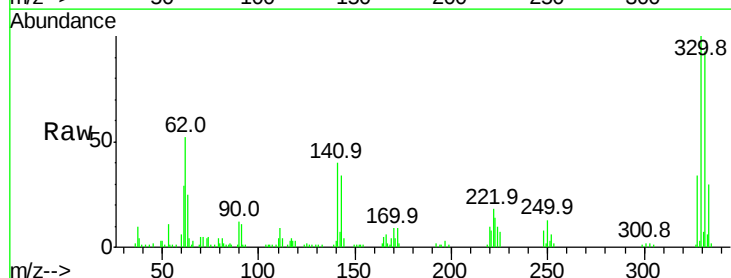
Tgt Ion:330 Resp: 133727

Ion Ratio Lower Upper

330 100

332 94.2 76.6 115.0

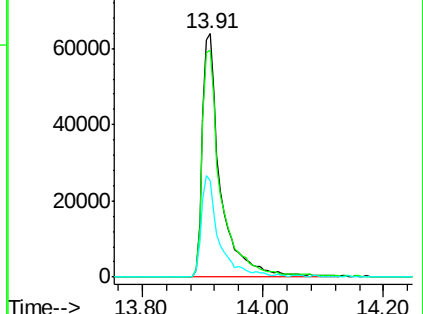
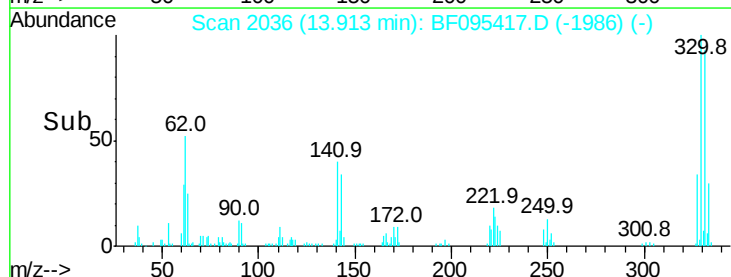
141 40.1 31.4 47.2



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

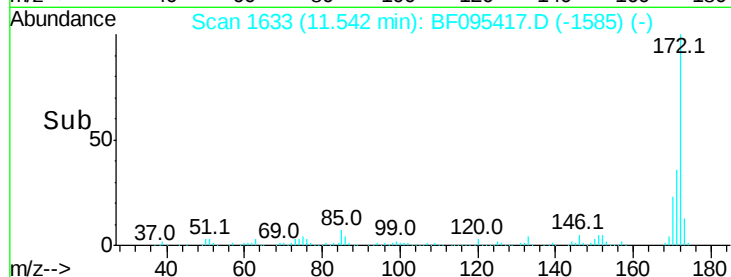
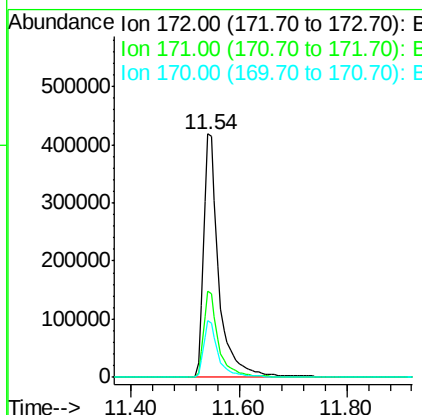
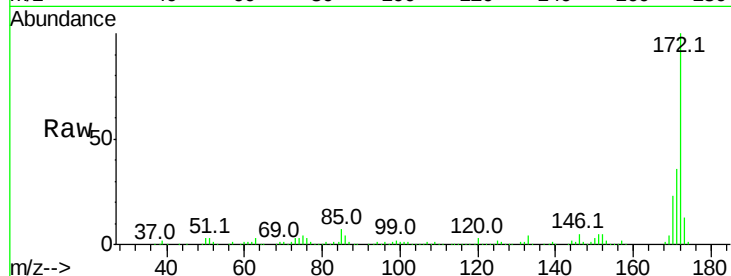




#44
 2-Fluorobiphenyl
 Concen: 98.41 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

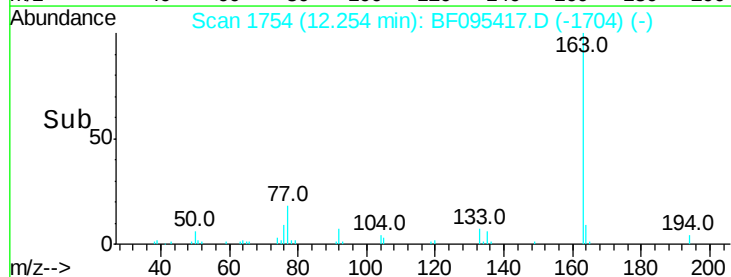
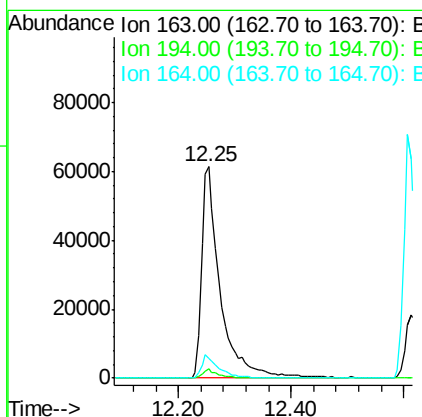
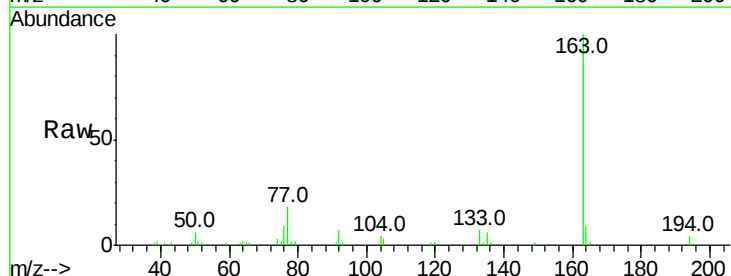
Instrument :
 BNA_F
 ClientSampled :

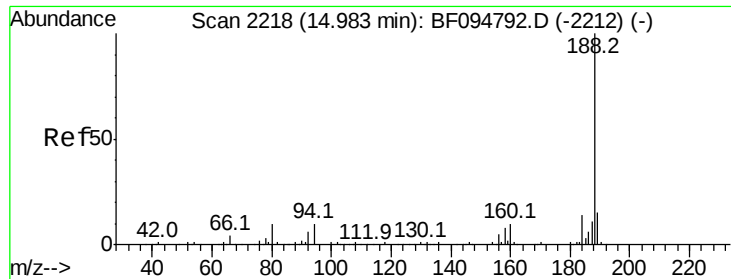
Tot Ion:172 Resp: 821426
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 14.25 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Tgt Ion:163 Resp: 140539
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.6 4.0#
 164 9.4 8.4 12.6

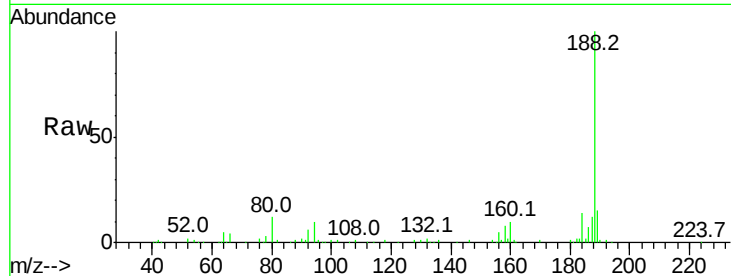




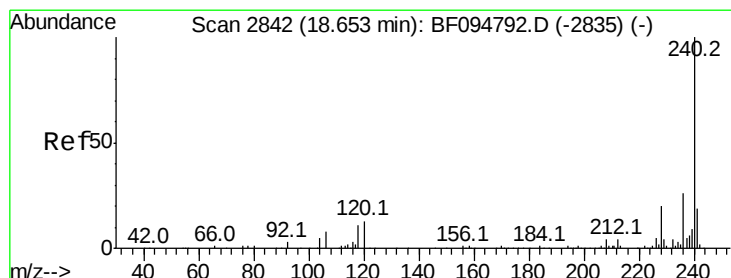
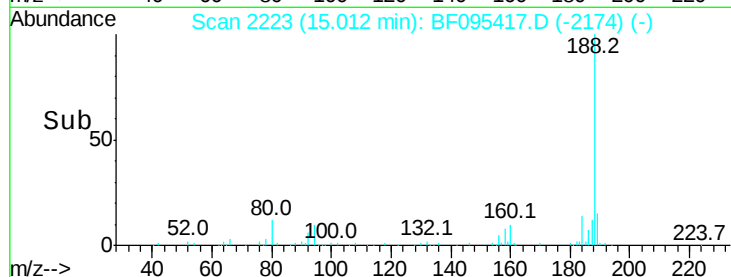
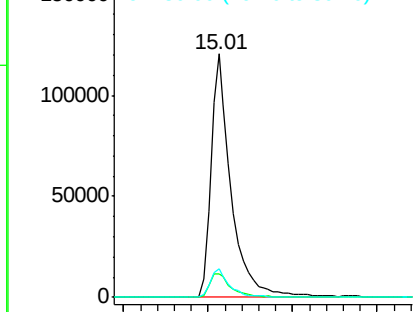
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095417.D
Acq: 25 May 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 202067
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 11.5 10.2 15.2

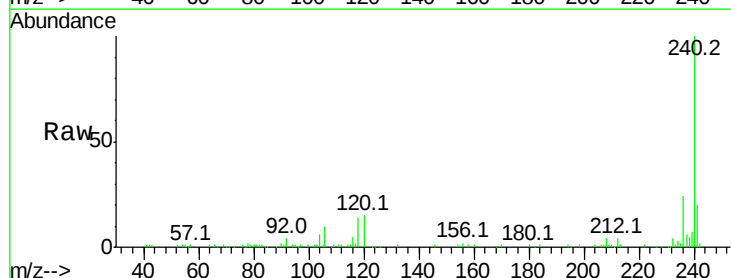


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

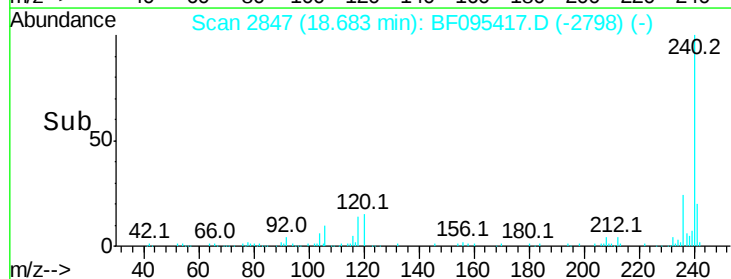
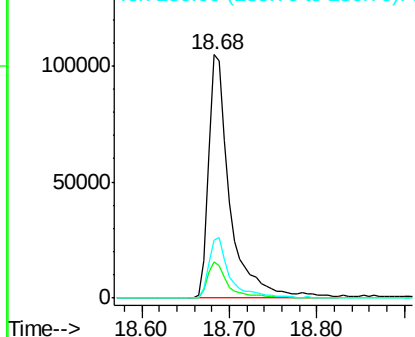


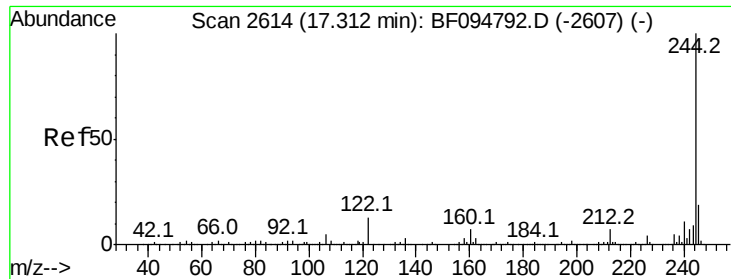
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095417.D
Acq: 25 May 2017 9:53

Tgt Ion:240 Resp: 179222
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 24.0 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

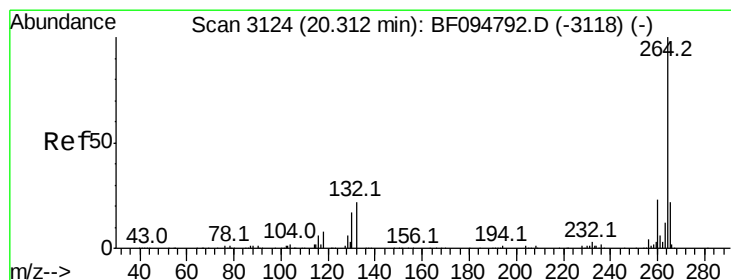
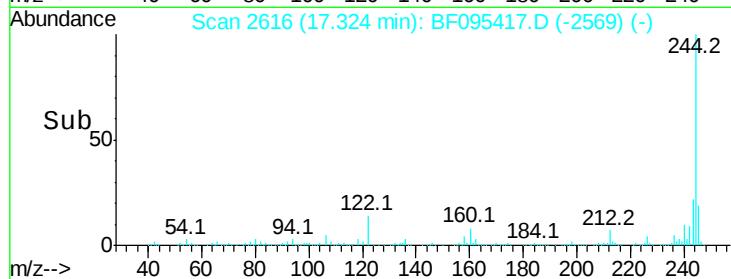
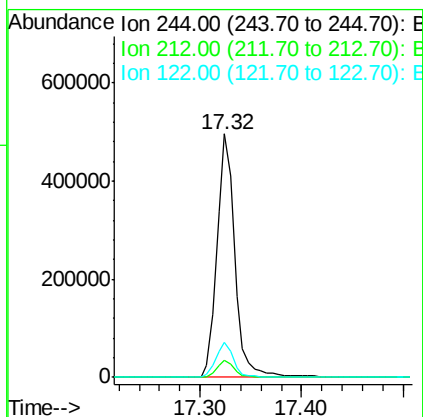
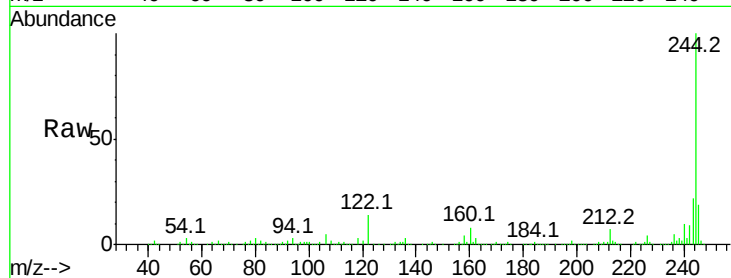




#78
 Terphenyl-d14
 Concen: 75.08 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 610940
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Tgt Ion:264 Resp: 109931
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.5 29.3
 265 23.9 17.2 25.8

