

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095323.D
 Acq On : 22 May 2017 20:02
 Operator : SJ/MA
 Sample : I3236-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:19:53 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

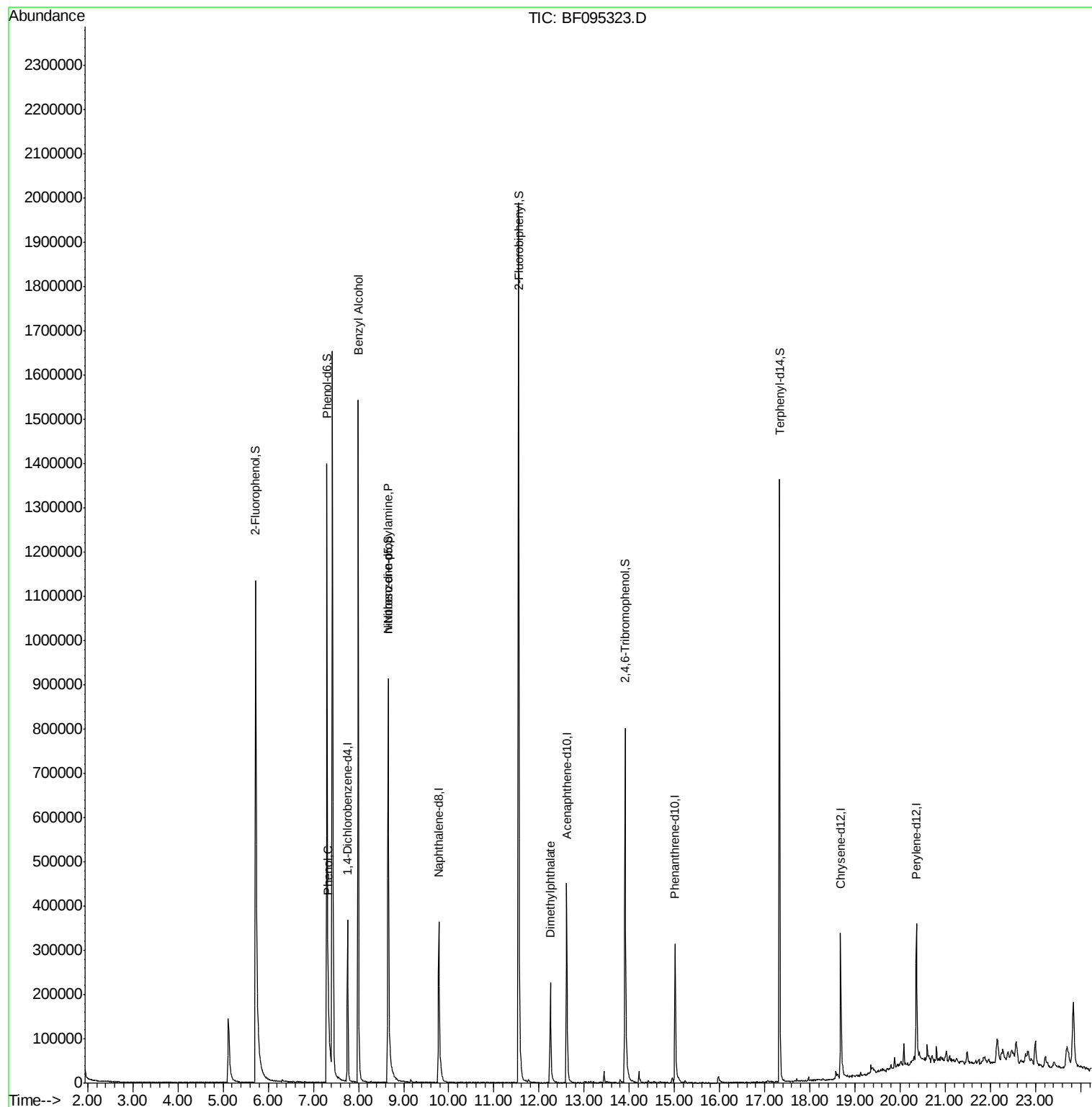
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	85223	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	361869	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	160574	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	230557	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	182778	20.00	ng	-0.01
86) Perylene-d12	20.36	264	166438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	798027	156.12	ng	-0.02
7) Phenol-d6	7.30	99	902119	147.09	ng	-0.01
23) Nitrobenzene-d5	8.66	82	546980	95.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	166640	126.72	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1031538	92.46	ng	-0.01
78) Terphenyl-d14	17.33	244	569688	68.65	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	17751	2.75	ng	# 74
15) Benzyl Alcohol	8.00	79	8347	2.12	ng	# 34
19) n-Nitroso-di-n-propylamine	8.66	70	65522	15.80	ng	# 73
49) Dimethylphthalate	12.25	163	193063	14.65	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: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampled :

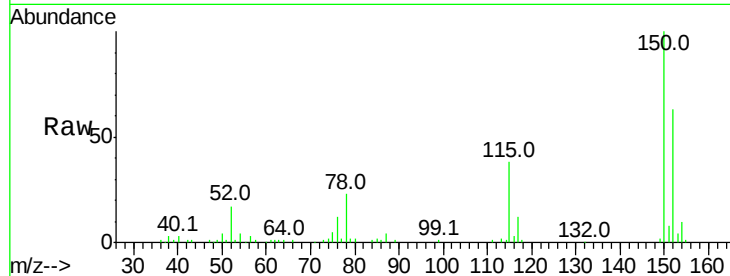
Tot Ion:152 Resp: 85223

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

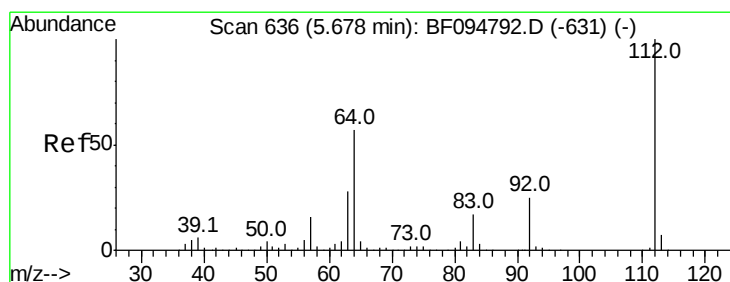
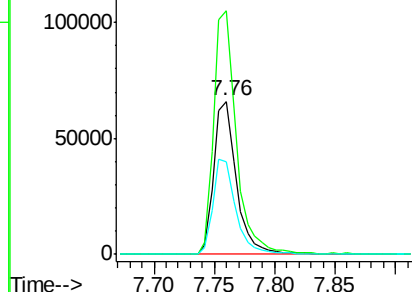
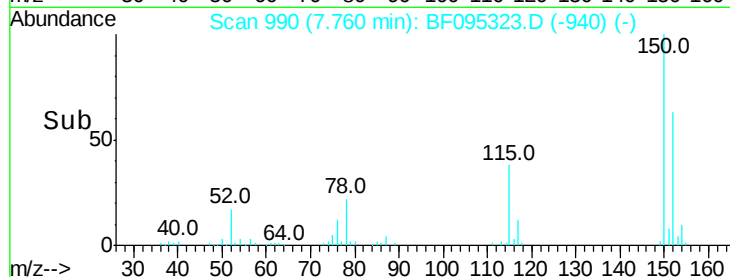
115 60.9 52.2 78.2



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: 156.12 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

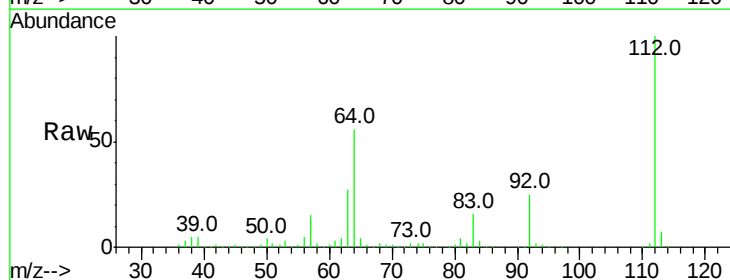
Tgt Ion:112 Resp: 798027

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

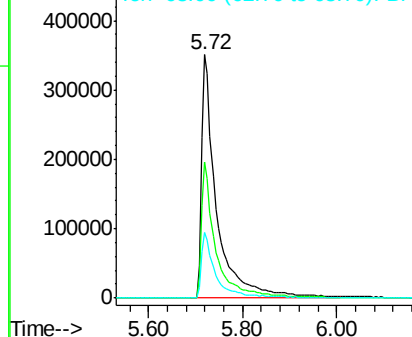
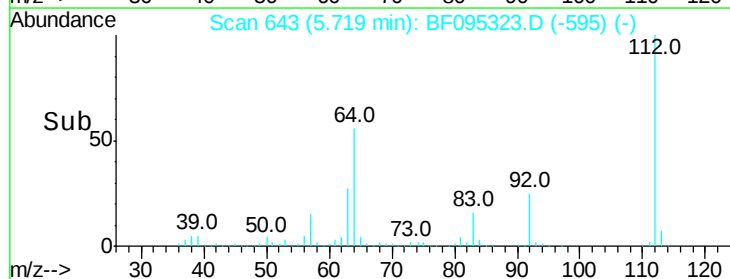
63 26.9 23.4 35.0



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: 147.09 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

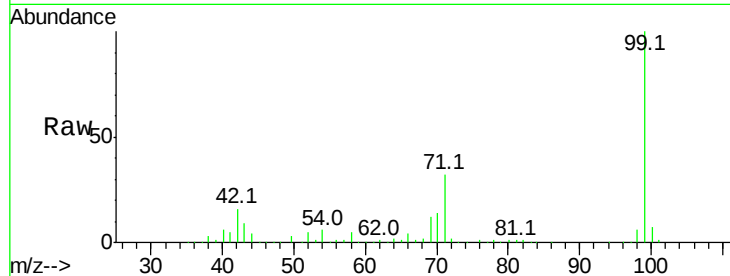
Tot Ion: 99 Resp: 902119

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

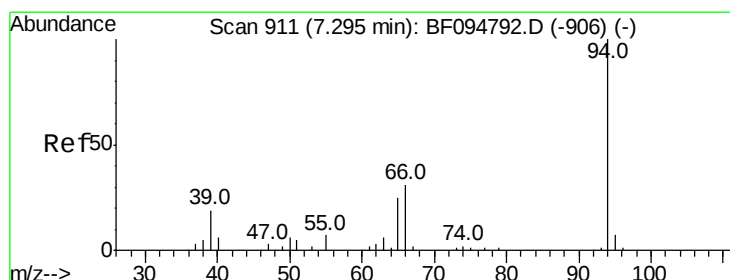
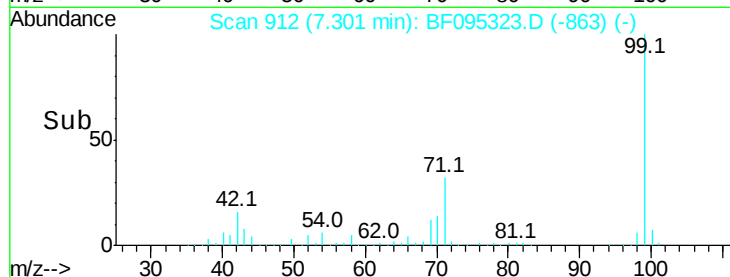
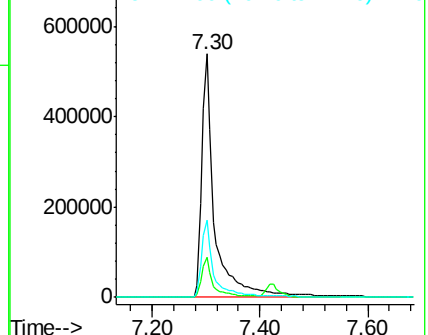
71 31.9 24.5 36.7



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: 2.75 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

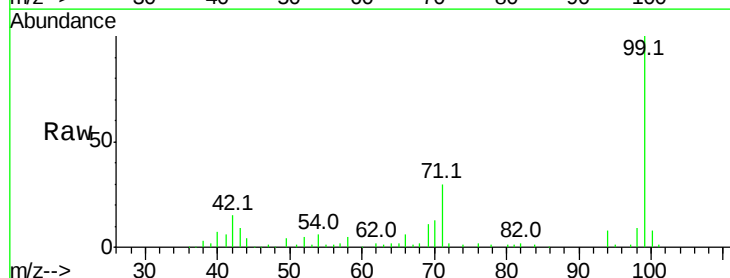
Tgt Ion: 94 Resp: 17751

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

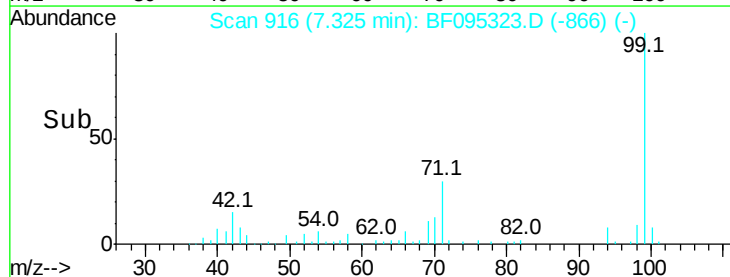
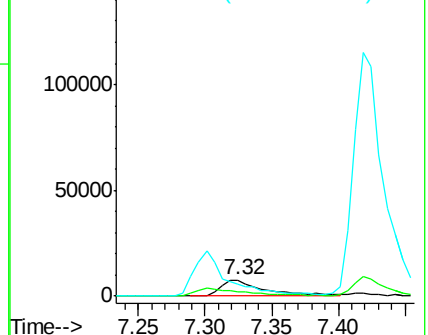
66 70.8 23.1 63.1#

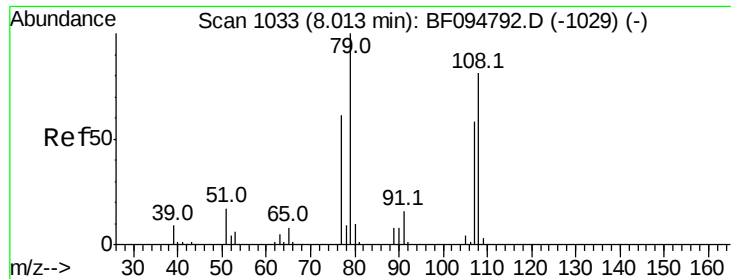


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

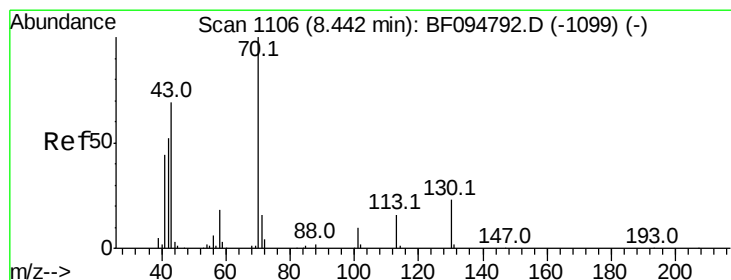
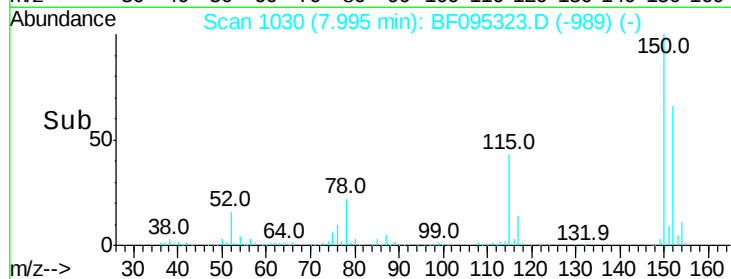
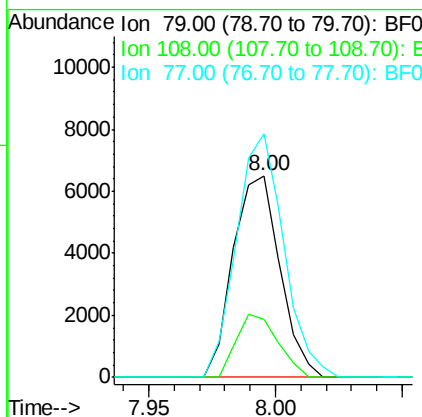
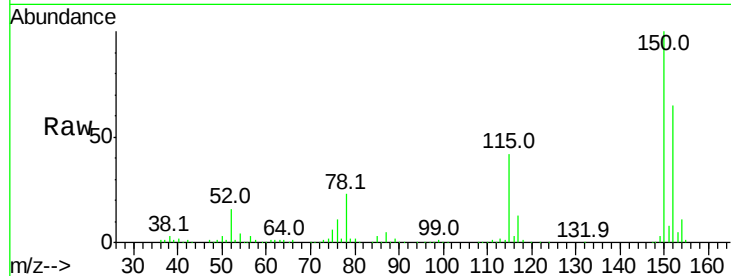




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

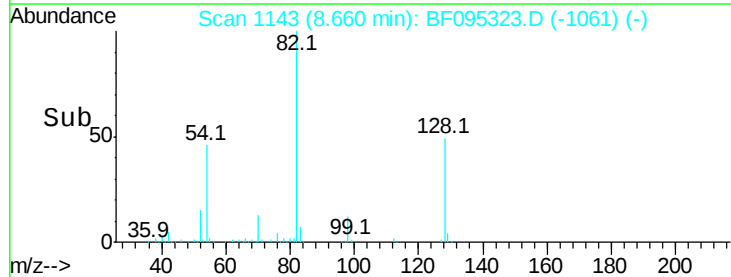
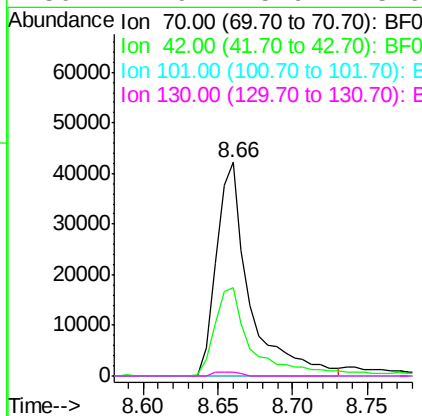
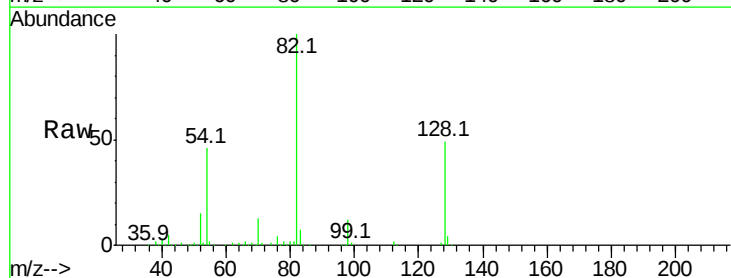
Instrument :
BNA_F
ClientSampled :

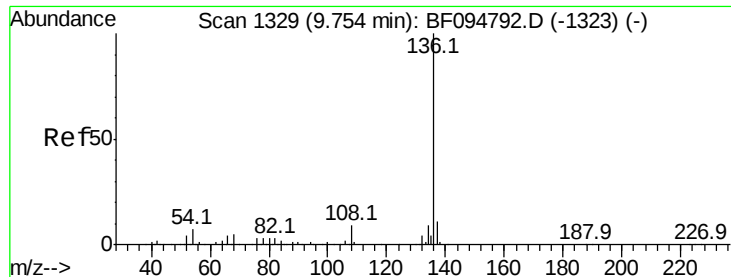
Tot Ion: 79 Resp: 8347
Ion Ratio Lower Upper
79 100
108 28.9 63.4 95.0#
77 120.7 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Tgt Ion: 70 Resp: 65522
Ion Ratio Lower Upper
70 100
42 41.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 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: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 361869

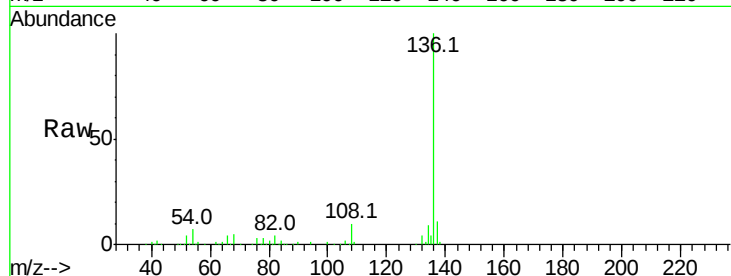
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.3 4.1 6.1

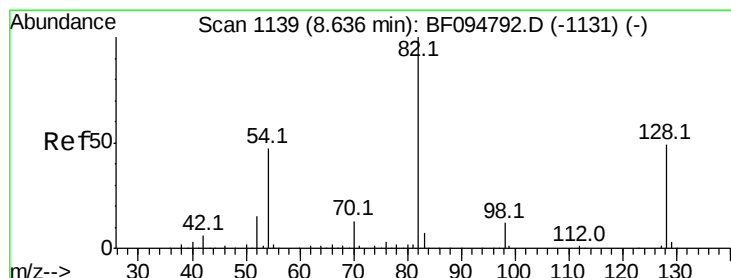
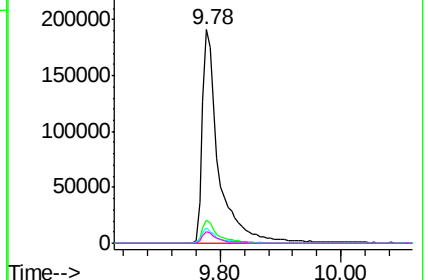
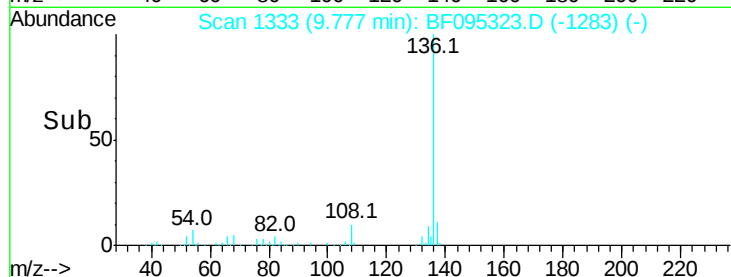


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.32 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

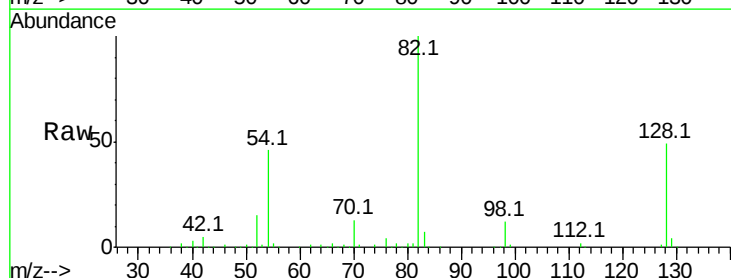
Tgt Ion: 82 Resp: 546980

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

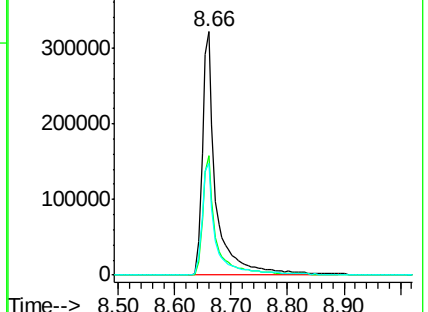
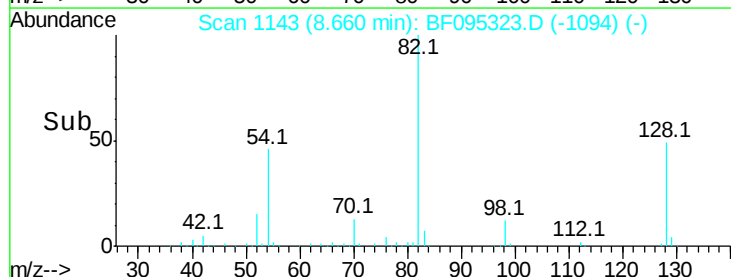
54 46.1 42.2 63.2

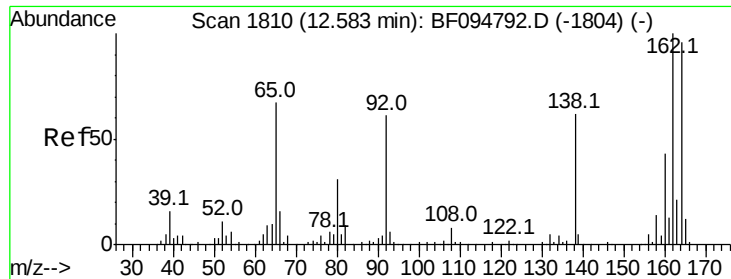


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

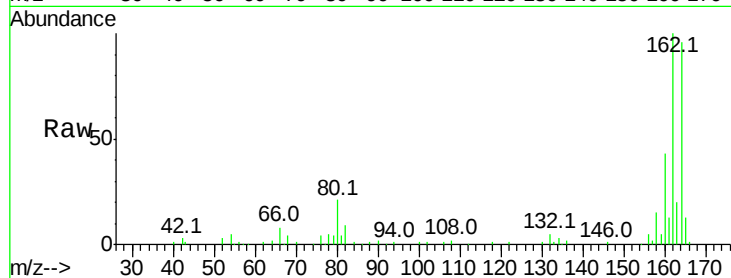
Tot Ion:164 Resp: 160574

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

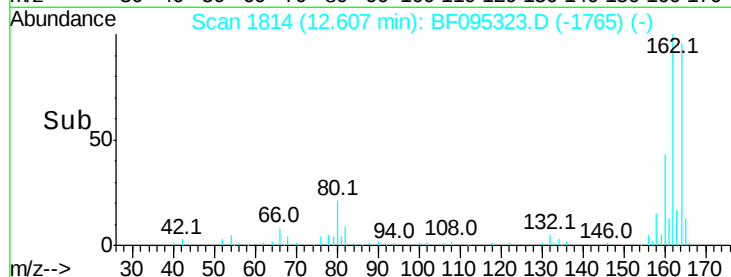
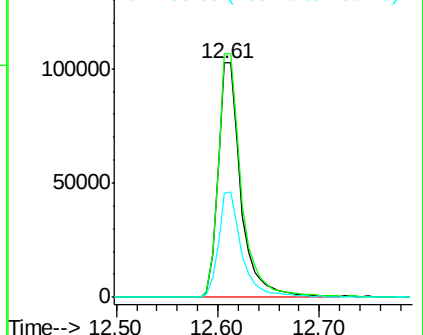
160 44.3 36.2 54.2



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: 126.72 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

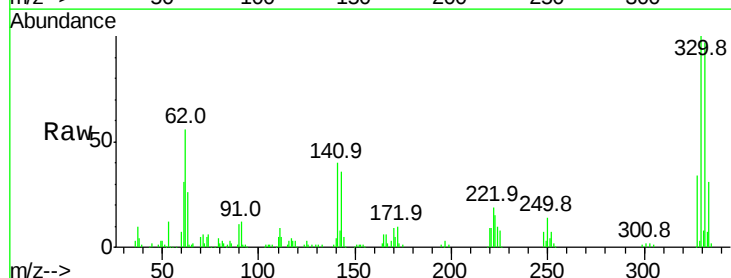
Tgt Ion:330 Resp: 166640

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

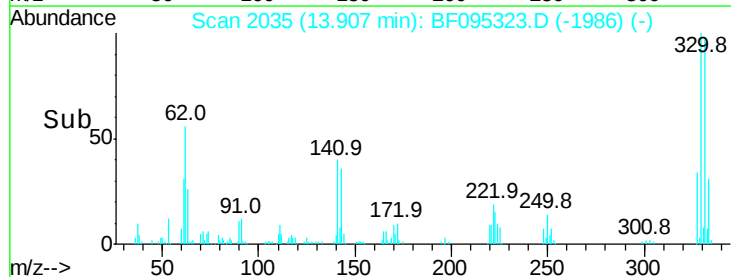
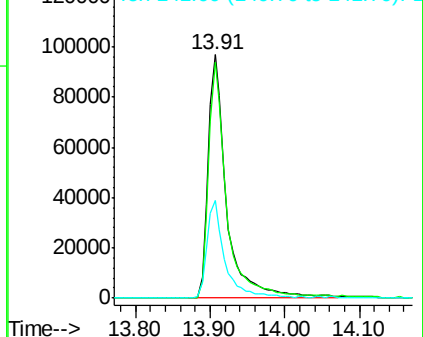
141 39.0 31.4 47.2



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

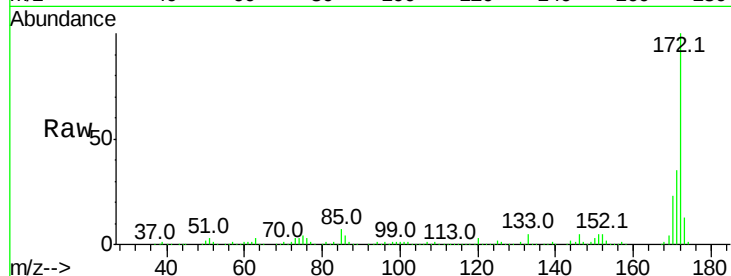




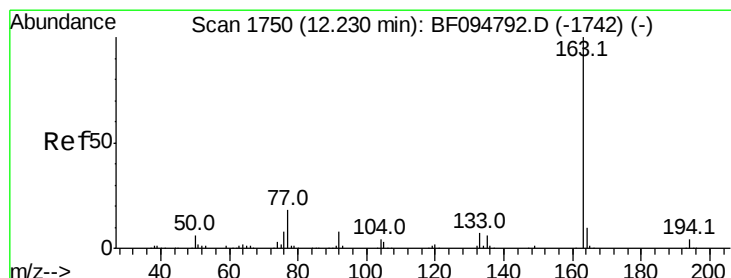
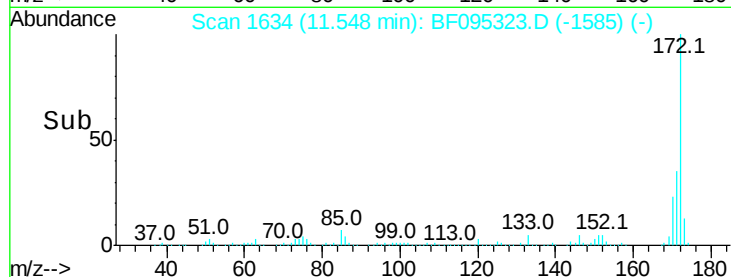
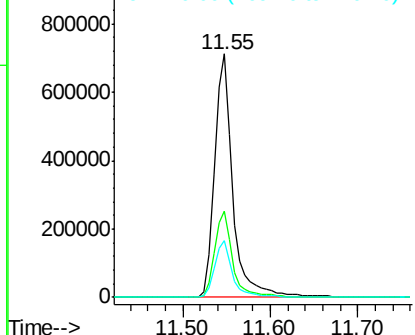
#44
2-Fluorobiphenyl
Concen: 92.46 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1031538
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.1 19.8 29.8

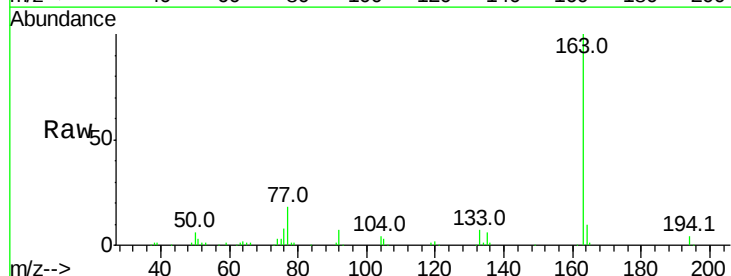


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

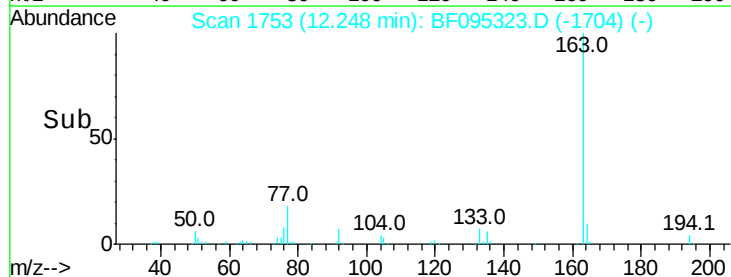
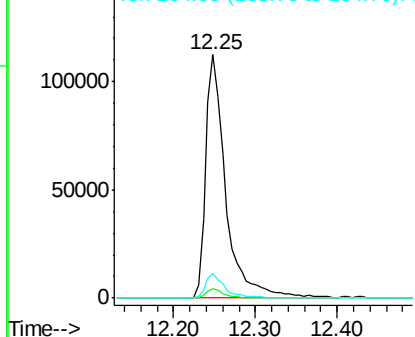


#49
Dimethylphthalate
Concen: 14.65 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Tgt Ion:163 Resp: 193063
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 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

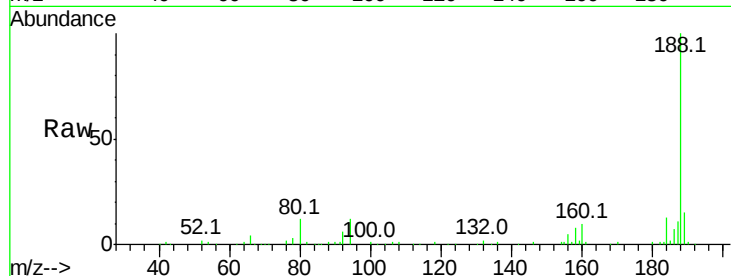




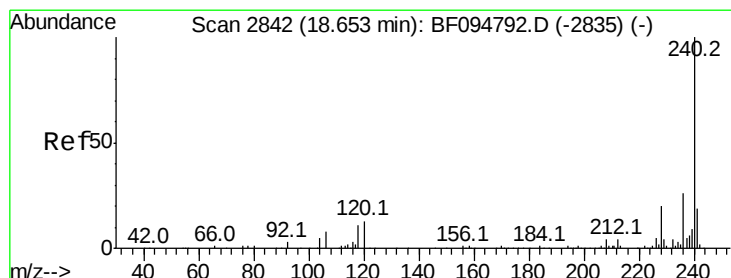
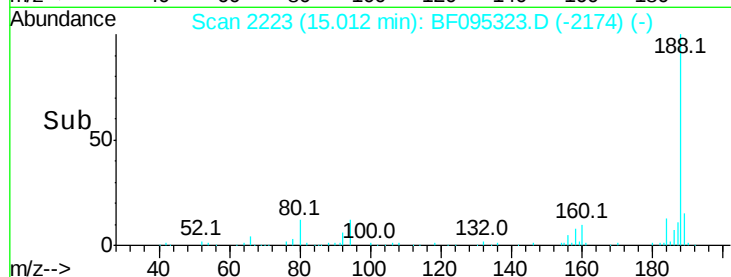
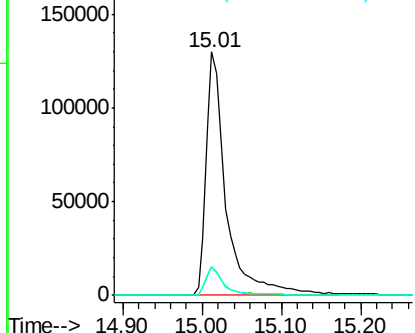
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 230557
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.6 10.2 15.2

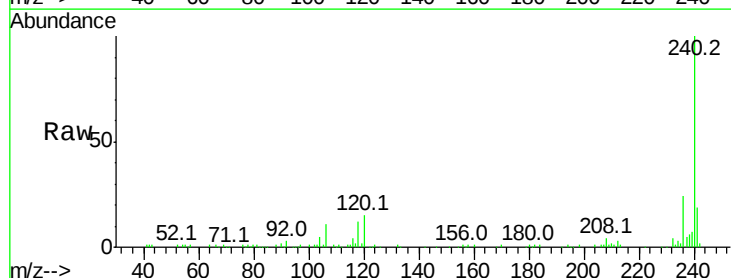


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

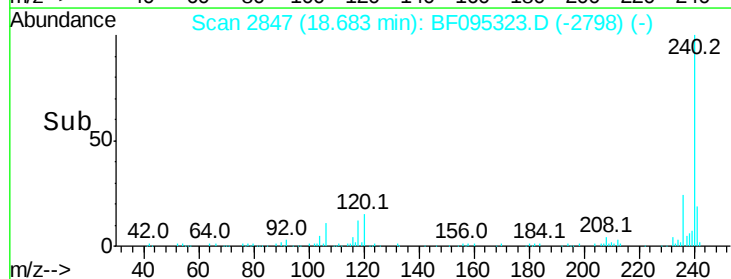
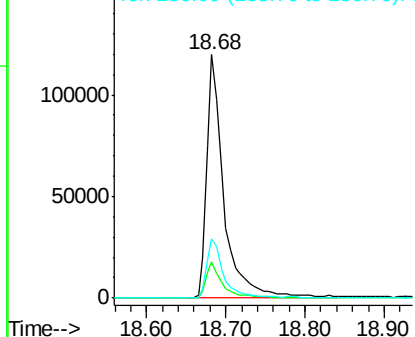


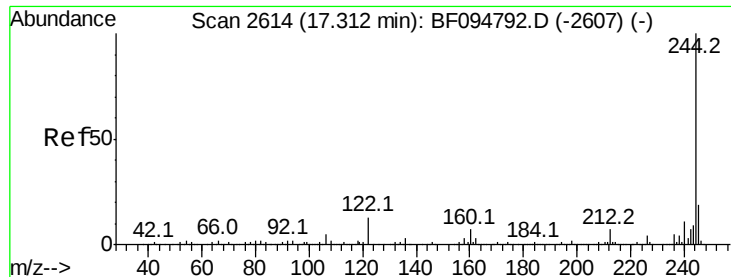
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Tgt Ion:240 Resp: 182778
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.3 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

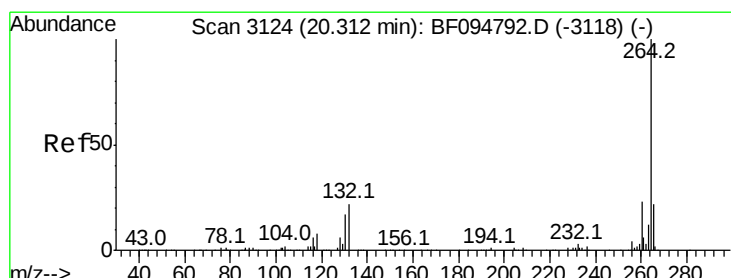
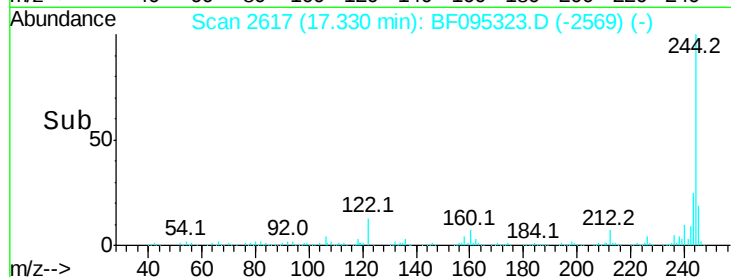
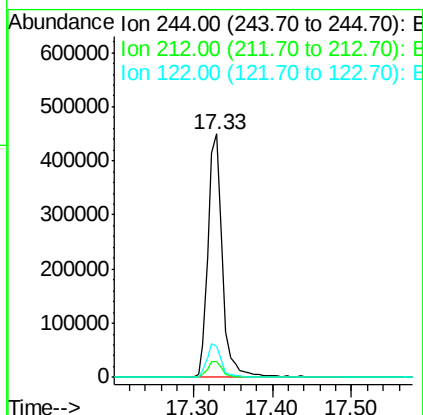
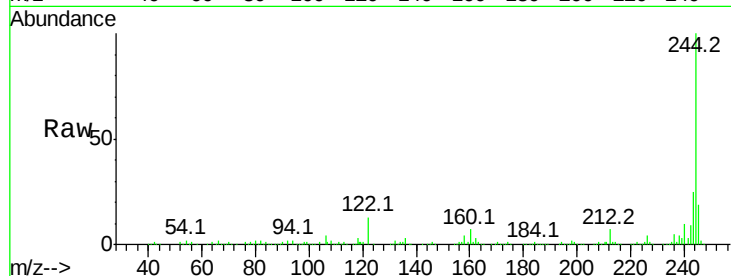




#78
 Terphenyl-d14
 Concen: 68.65 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 569688
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

Tgt Ion:264 Resp: 166438
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.6 17.2 25.8

