

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095196.D
 Acq On : 17 May 2017 21:11
 Operator : SJ/MA
 Sample : I3157-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:10:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

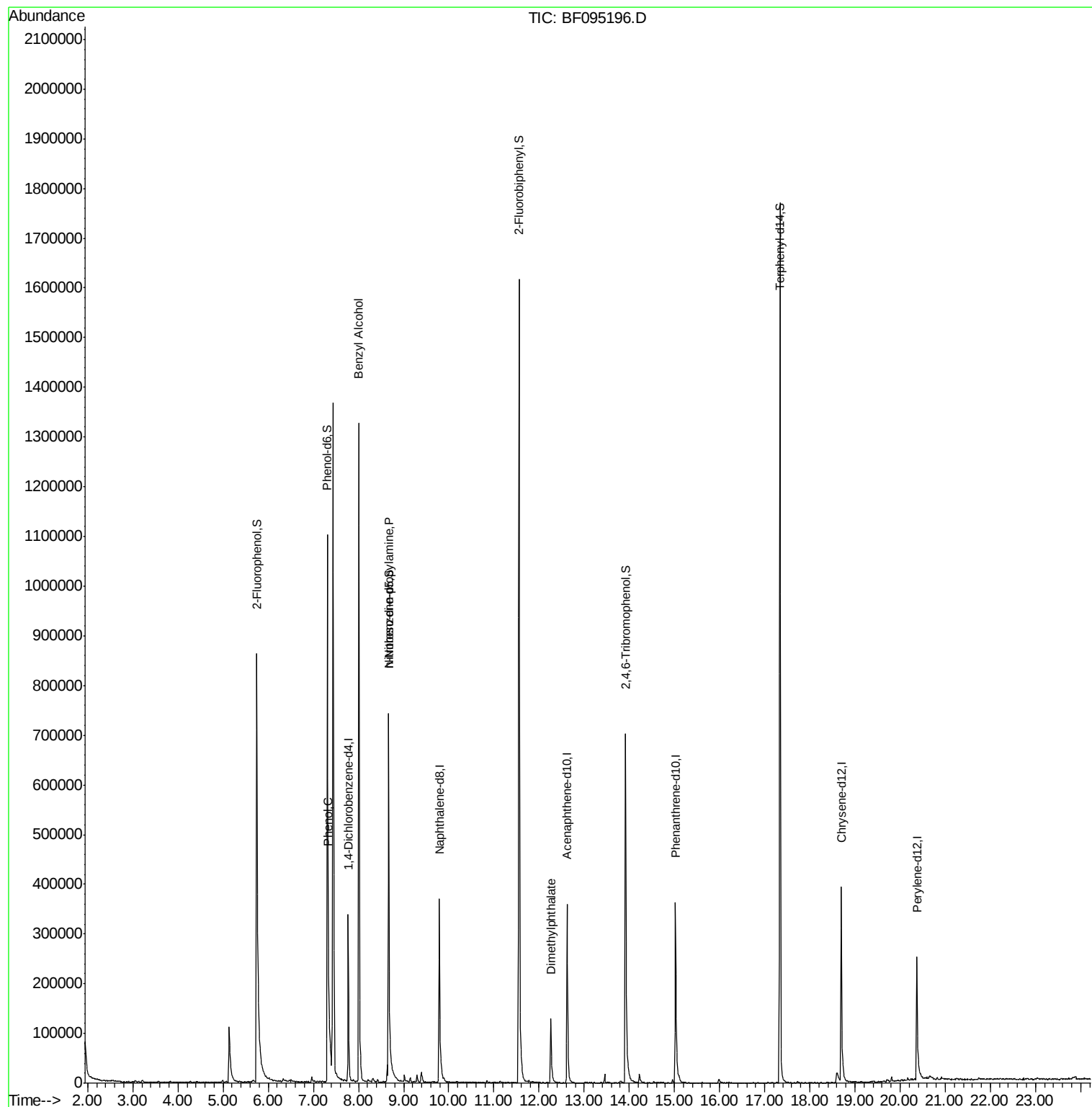
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	76234	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	322175	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	132343	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	280854	20.00	ng	0.04
75) Chrysene-d12	18.69	240	230603	20.00	ng	0.04
86) Perylene-d12	20.37	264	170435	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	612273	133.90	ng	0.06
7) Phenol-d6	7.31	99	749201	136.56	ng	0.04
23) Nitrobenzene-d5	8.67	82	431883	84.53	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	157751	145.55	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	859829	93.51	ng	0.03
78) Terphenyl-d14	17.34	244	719203	68.69	ng	0.03
Target Compounds						
10) Phenol	7.33	94	16906	2.92	ng	# 50
15) Benzyl Alcohol	8.01	79	7432	2.11	ng	# 53
19) n-Nitroso-di-n-propylamine	8.67	70	52732	14.21	ng	# 73
49) Dimethylphthalate	12.26	163	121826	11.21	ng	# 97

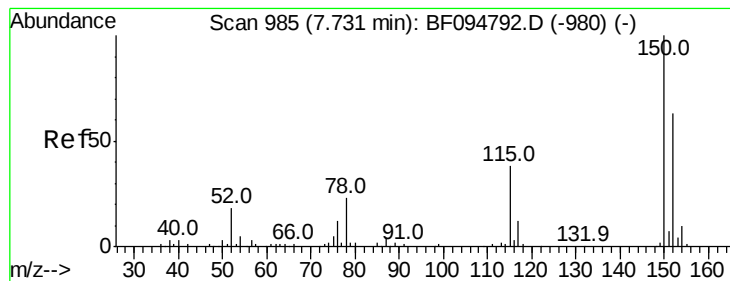
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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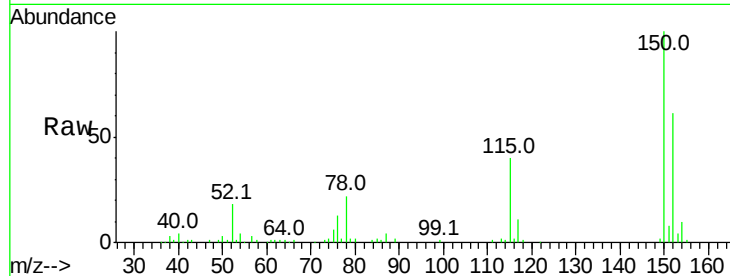


#1

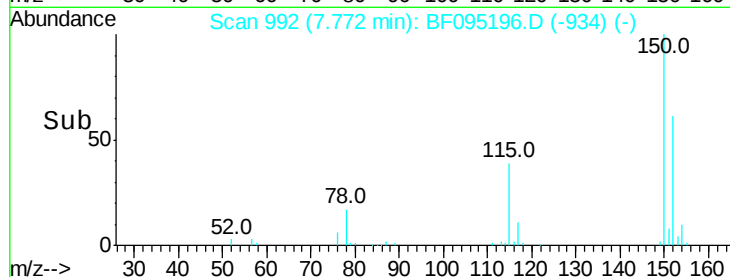
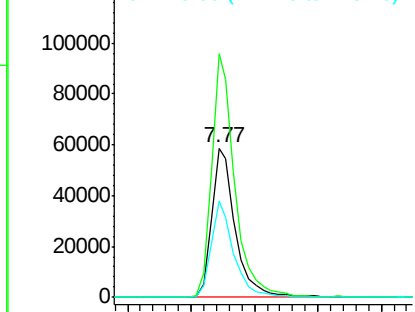
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76234
Ion Ratio Lower Upper
152 100
150 163.3 126.2 189.2
115 64.7 52.2 78.2



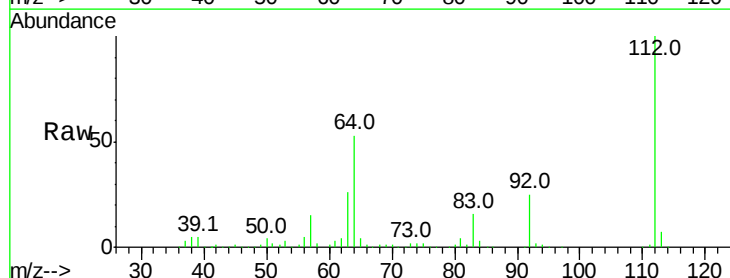
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



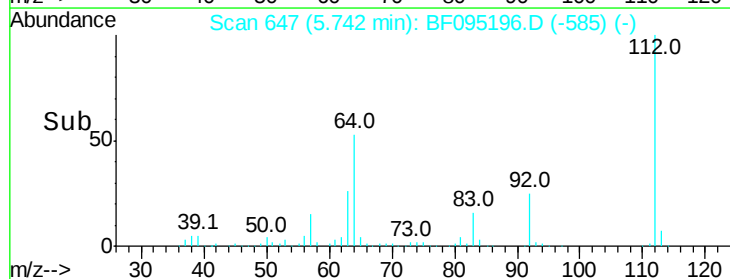
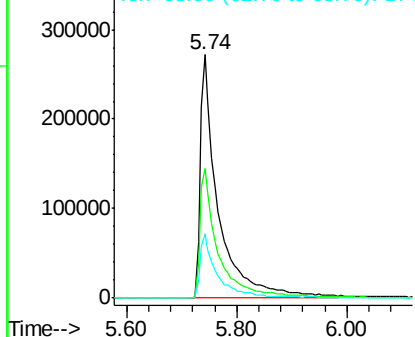
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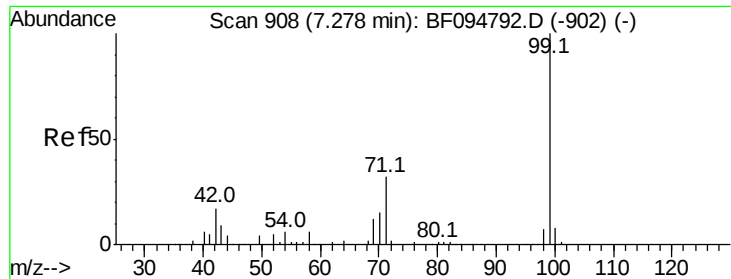
2-Fluorophenol
Concen: 133.90 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

Tgt Ion:112 Resp: 612273
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.2 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: 136.56 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

Instrument :

BNA_F

ClientSampled :

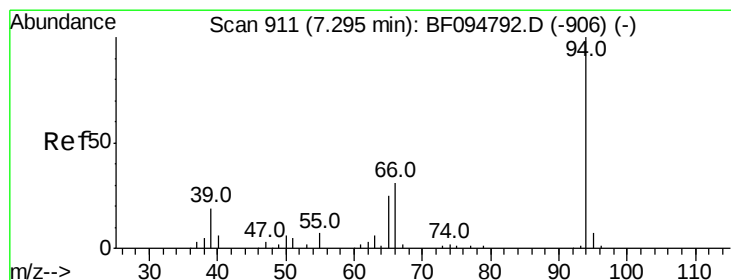
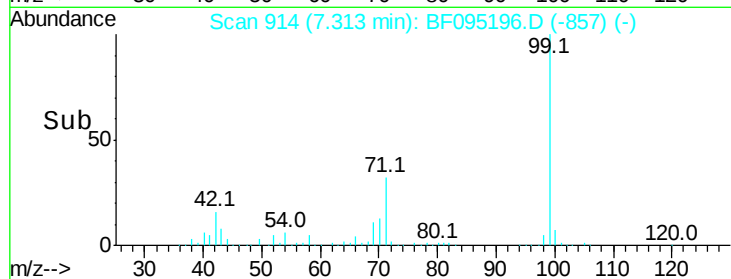
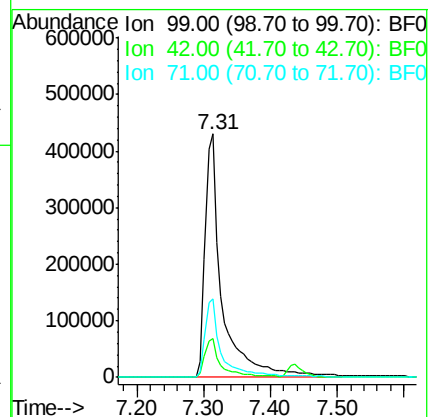
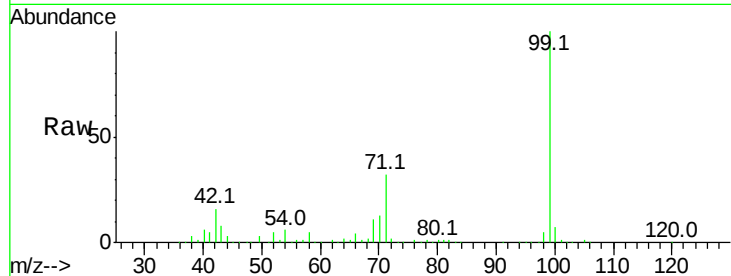
Tot Ion: 99 Resp: 749201

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 32.0 24.5 36.7



#10

Phenol

Concen: 2.92 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

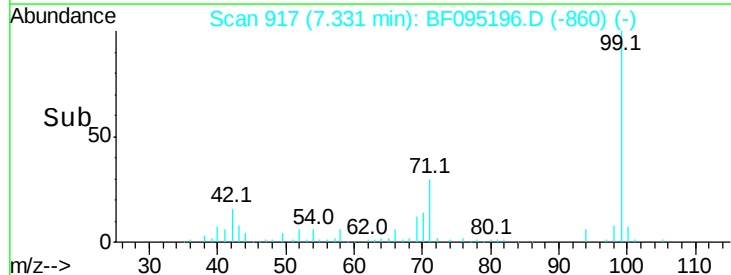
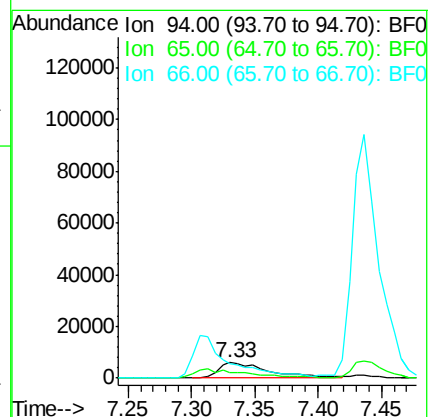
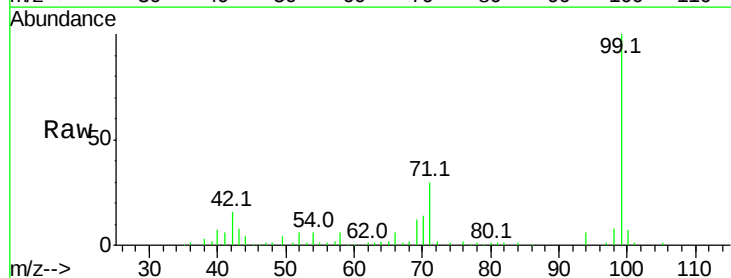
Tgt Ion: 94 Resp: 16906

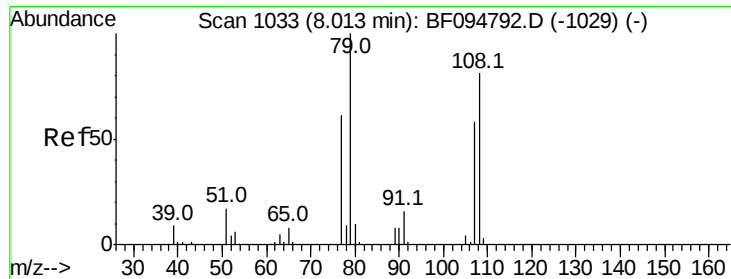
Ion Ratio Lower Upper

94 100

65 36.6 9.9 49.9

66 91.6 23.1 63.1#

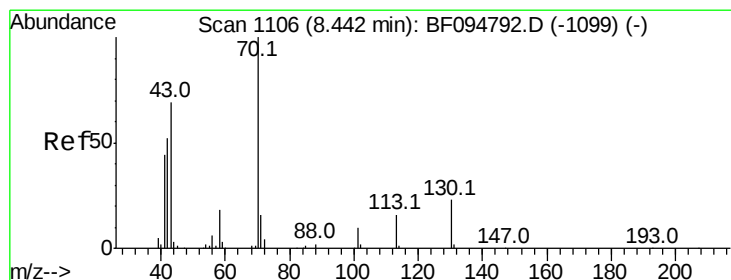
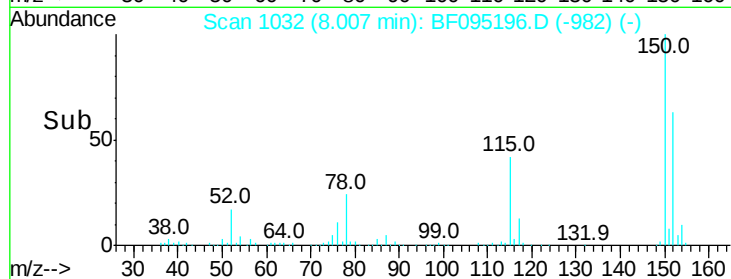
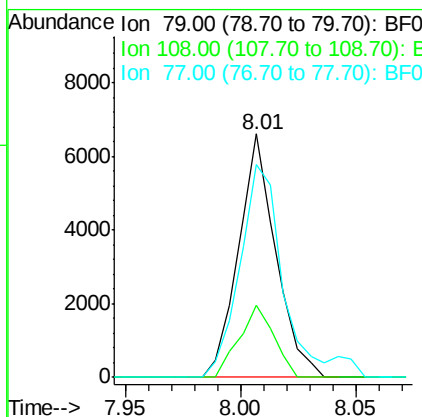
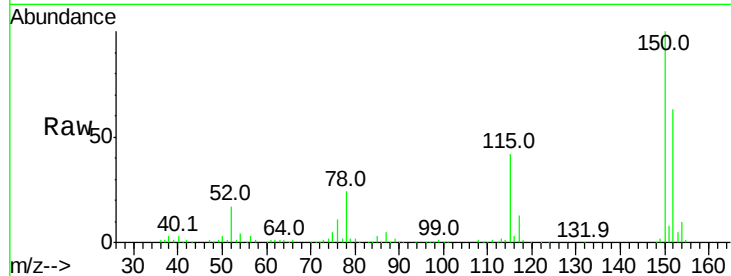




#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

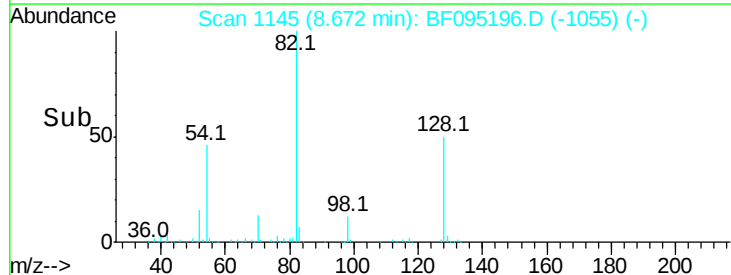
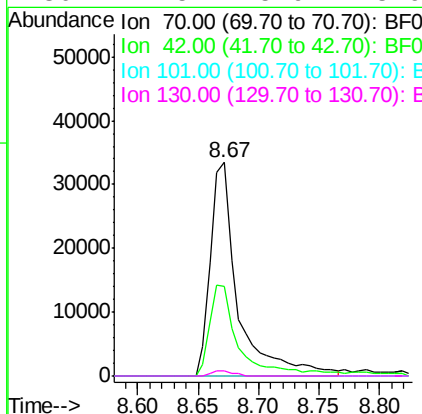
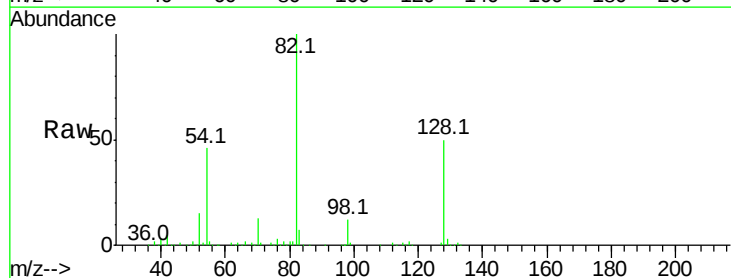
Instrument :
BNA_F
ClientSampleId :

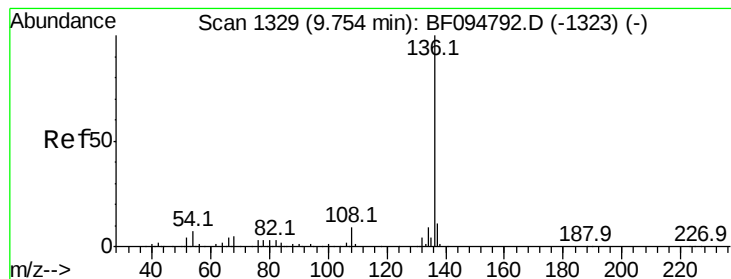
Tot Ion: 79 Resp: 7432
Ion Ratio Lower Upper
79 100
108 29.5 63.4 95.0#
77 87.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

Tgt Ion: 70 Resp: 52732
Ion Ratio Lower Upper
70 100
42 41.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 322175

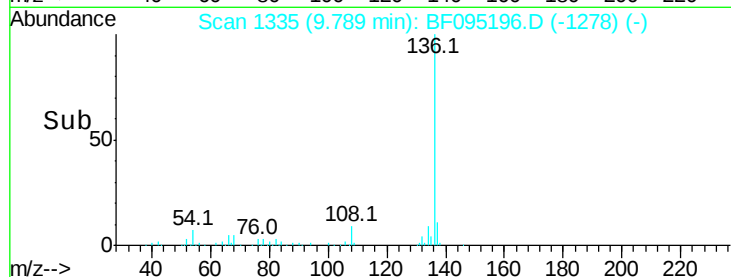
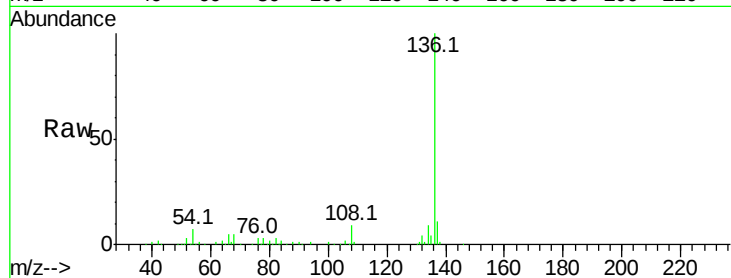
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1

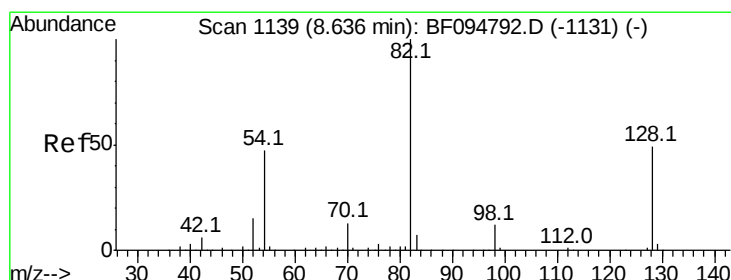
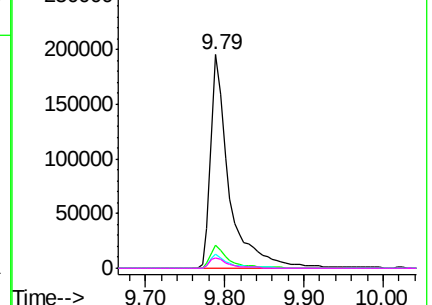


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.53 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

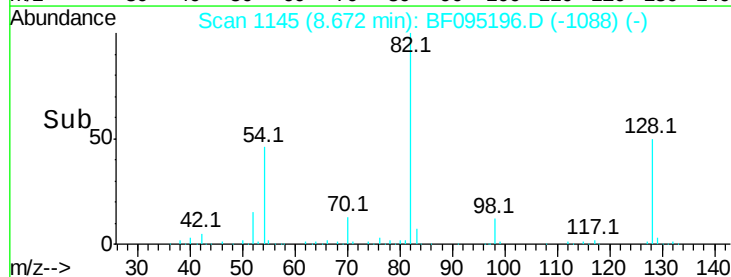
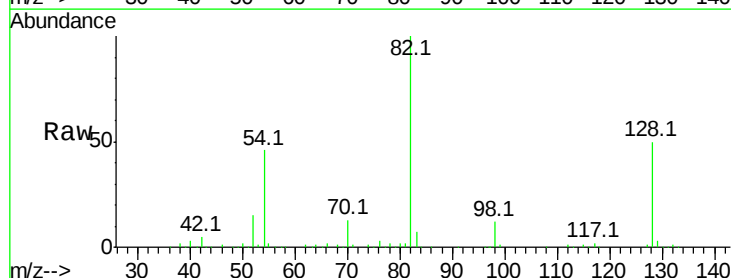
Tgt Ion: 82 Resp: 431883

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

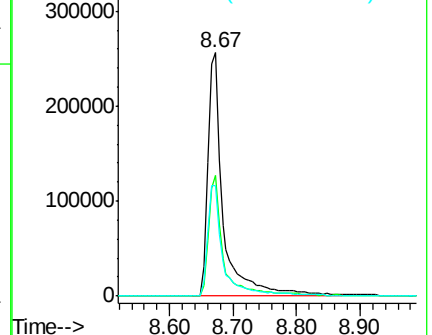
54 45.6 42.2 63.2

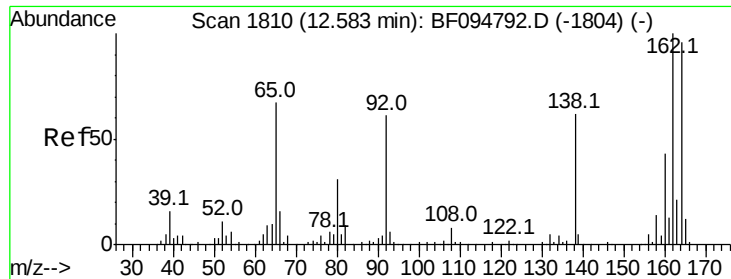


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

Instrument :

BNA_F

ClientSampled :

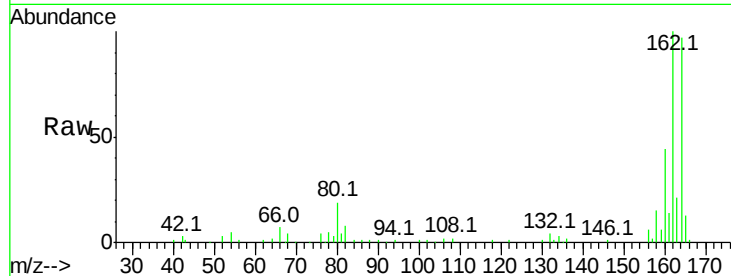
Tot Ion:164 Resp: 132343

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

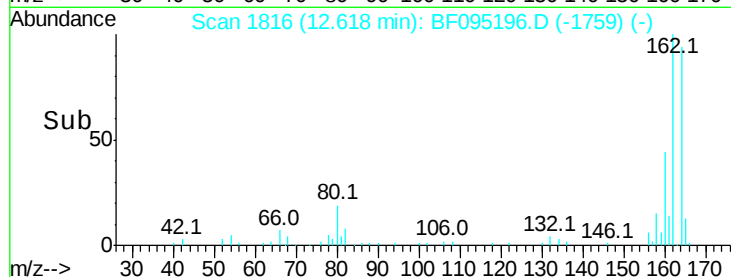
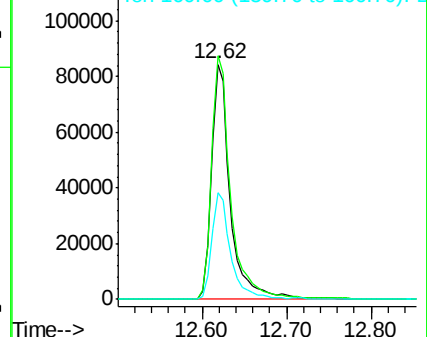
160 45.2 36.2 54.2



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: 145.55 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095196.D

Acq: 17 May 2017 21:11

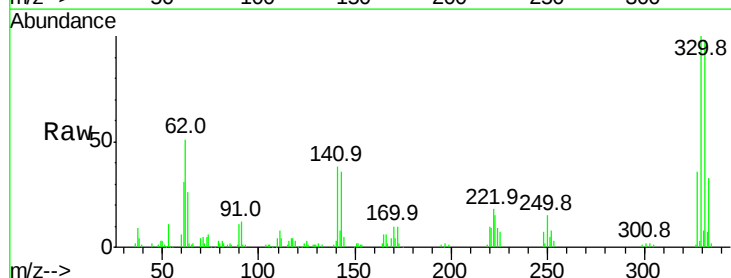
Tgt Ion:330 Resp: 157751

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

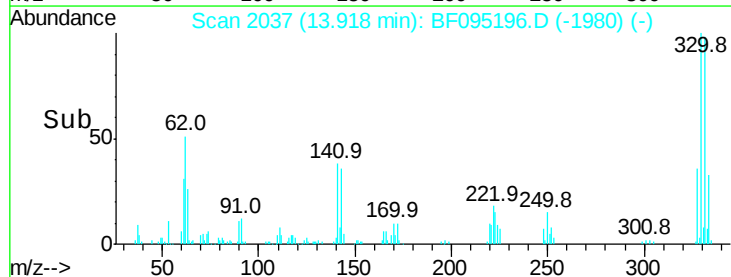
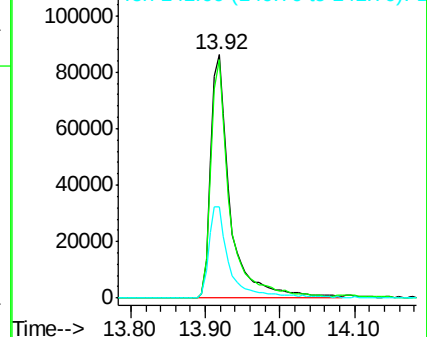
141 38.8 31.4 47.2



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

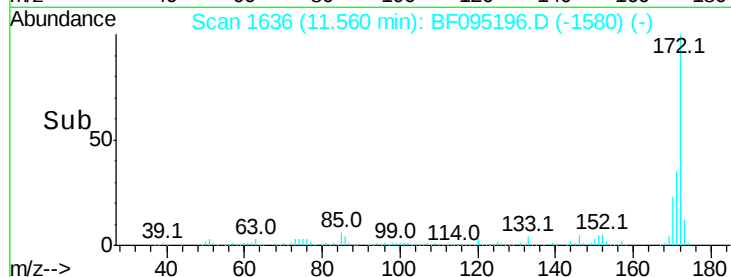
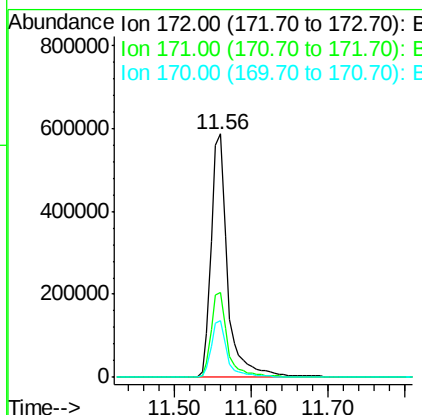
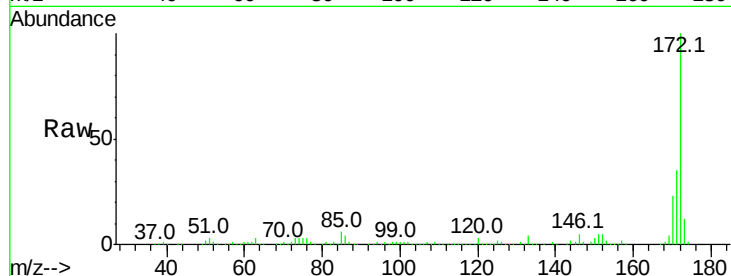




#44
2-Fluorobiphenyl
Concen: 93.51 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

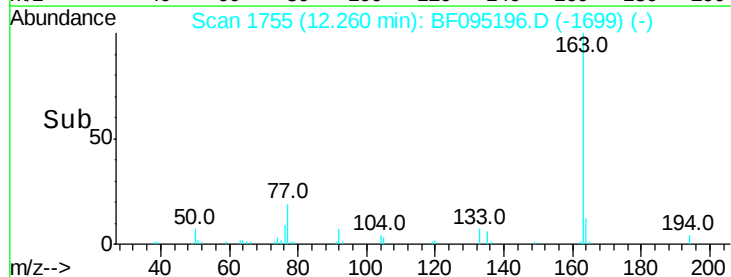
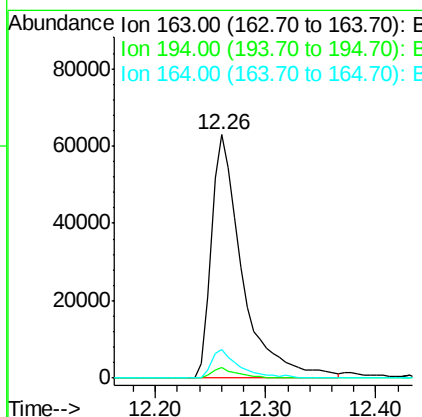
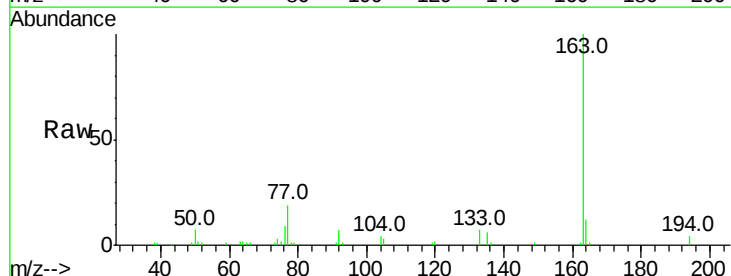
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 859829
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 11.21 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095196.D
Acq: 17 May 2017 21:11

Tgt Ion:163 Resp: 121826
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 11.6 8.4 12.6

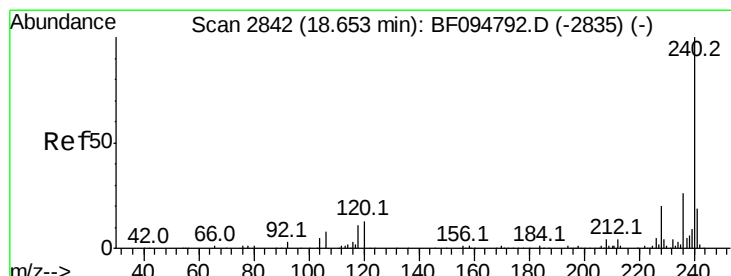
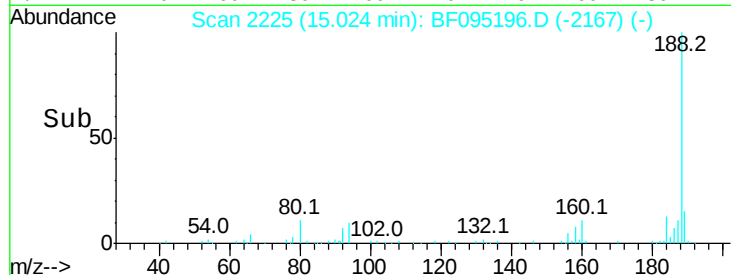
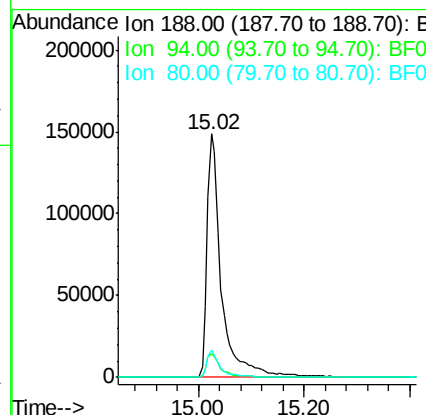
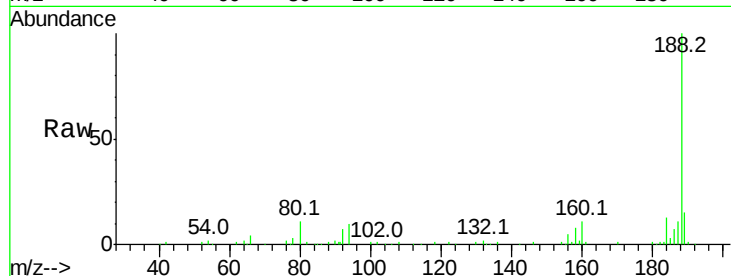




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095196.D
 Acq: 17 May 2017 21:11

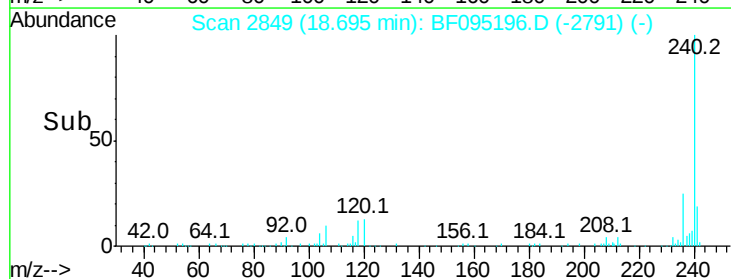
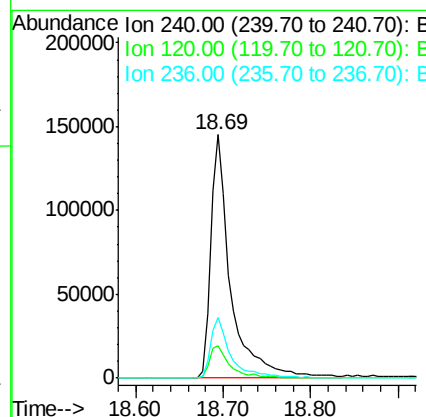
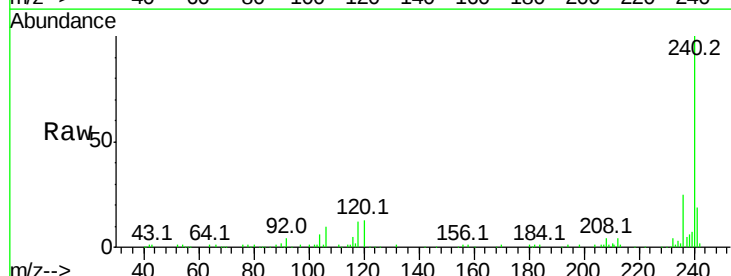
Instrument :
 BNA_F
 ClientSampleId :

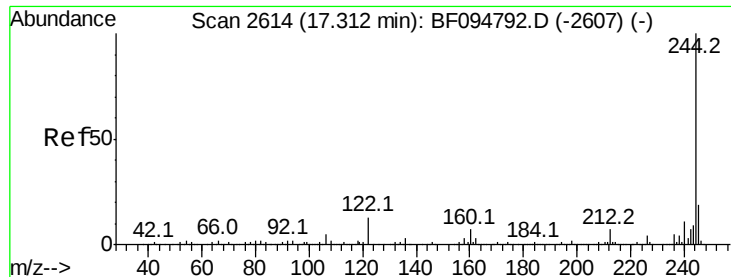
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.0	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095196.D
 Acq: 17 May 2017 21:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	24.9	20.5	30.7

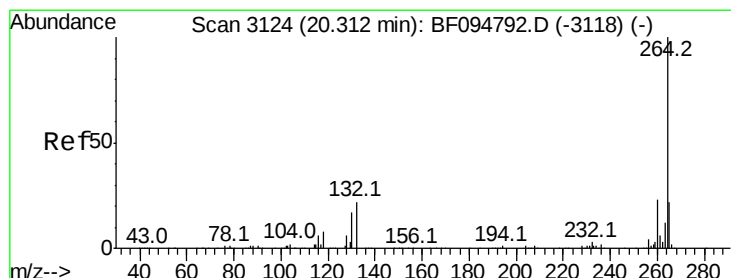
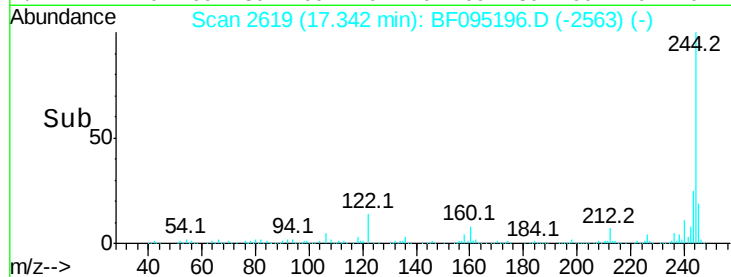
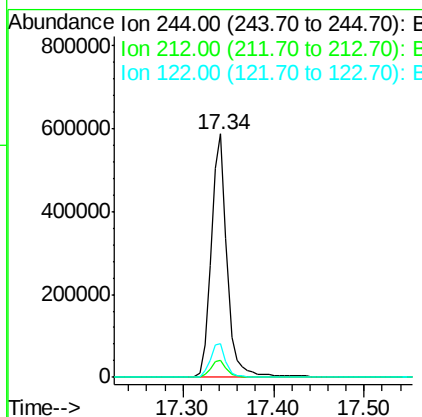
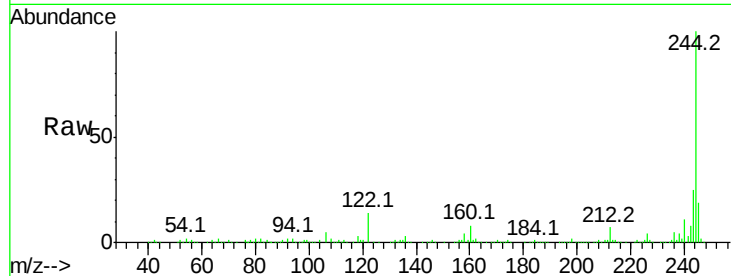




#78
 Terphenyl-d14
 Concen: 68.69 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. 0.03 min
 Lab File: BF095196.D
 Acq: 17 May 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 719203
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095196.D
 Acq: 17 May 2017 21:11

Tgt Ion:264 Resp: 170435
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.5 17.2 25.8

