

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095232.D
 Acq On : 18 May 2017 20:26
 Operator : SJ/MA
 Sample : I3165-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:05:54 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

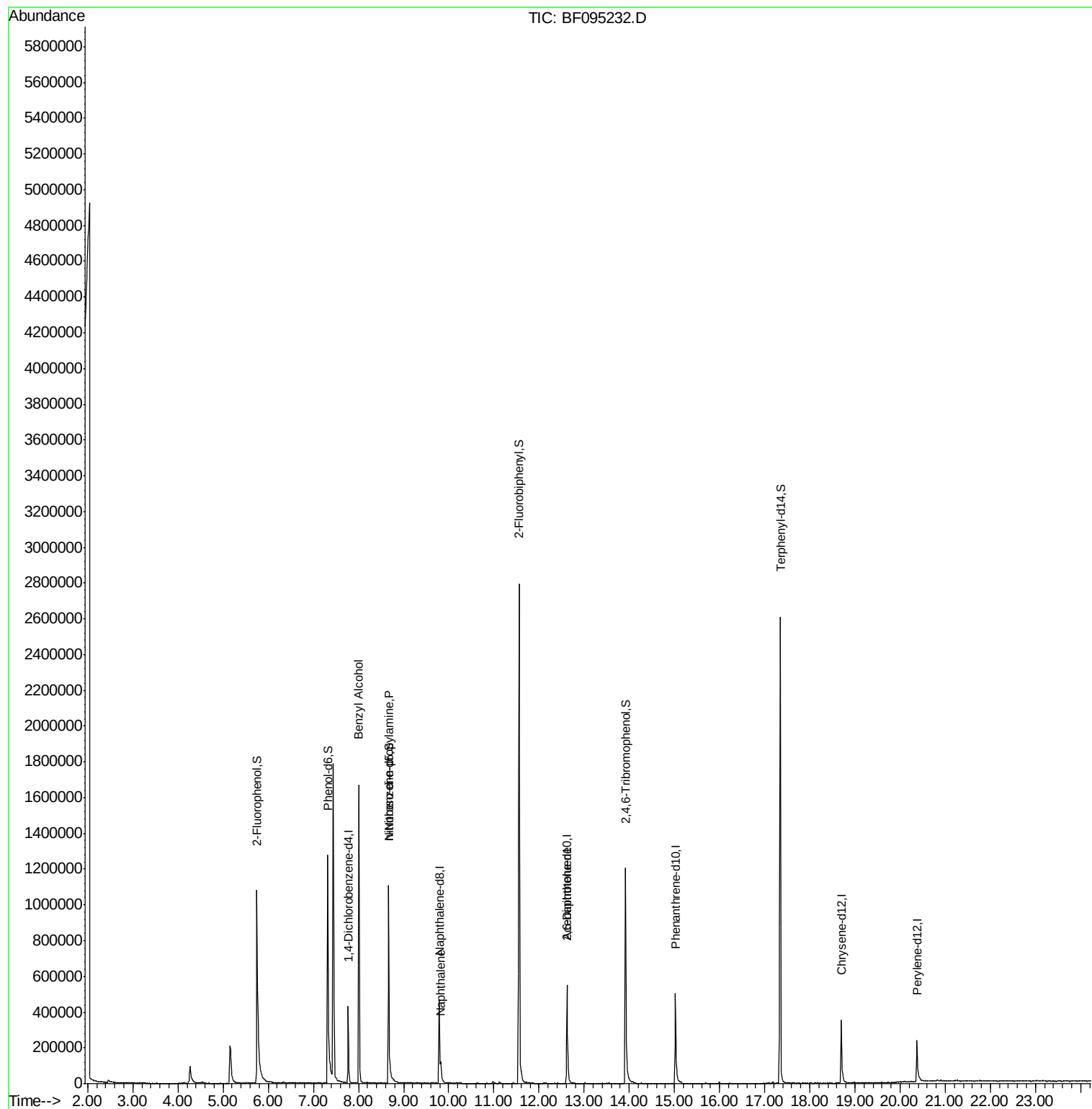
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	91861	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	408058	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	203944	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	350840	20.00	ng	0.00
75) Chrysene-d12	18.69	240	236107	20.00	ng	0.00
86) Perylene-d12	20.37	264	155331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	750301	136.17	ng	0.02
7) Phenol-d6	7.32	99	877119	132.68	ng	0.00
23) Nitrobenzene-d5	8.67	82	591199	91.36	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	246829	147.78	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1343435	94.81	ng	0.00
78) Terphenyl-d14	17.35	244	1126680	105.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.01	79	9069	2.13	ng	# 44
19) n-Nitroso-di-n-propylamine	8.67	70	71228	15.93	ng	# 75
31) Naphthalene	9.82	128	75719	3.69	ng	97
50) 2,6-Dinitrotoluene	12.62	165	22265	6.52	ng	# 31

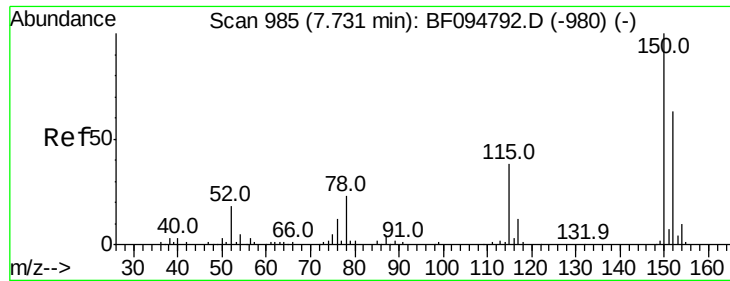
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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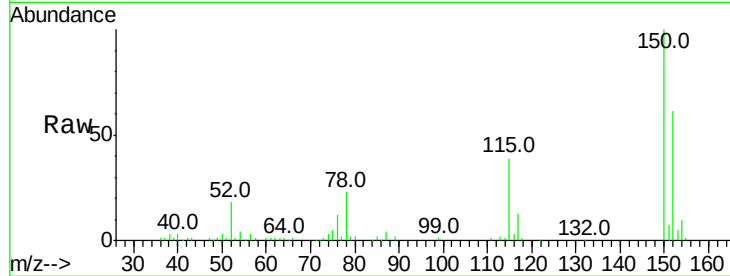


#1

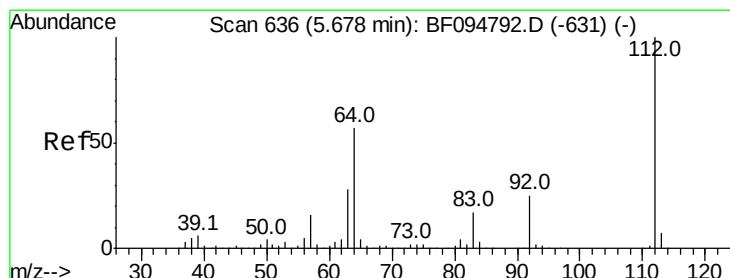
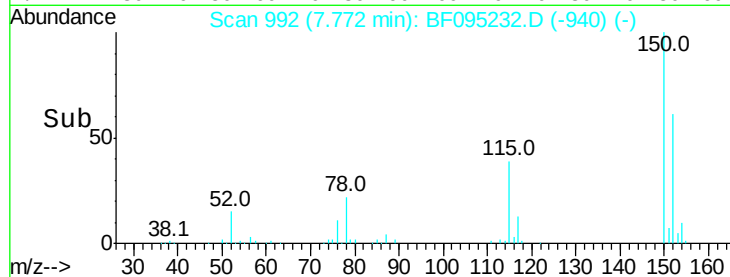
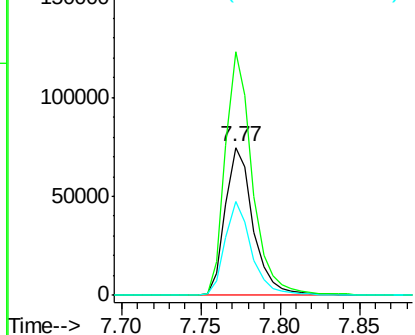
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91861
 Ion Ratio Lower Upper
 152 100
 150 164.2 126.2 189.2
 115 63.2 52.2 78.2



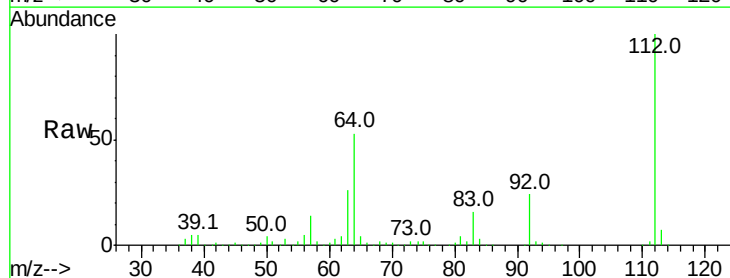
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



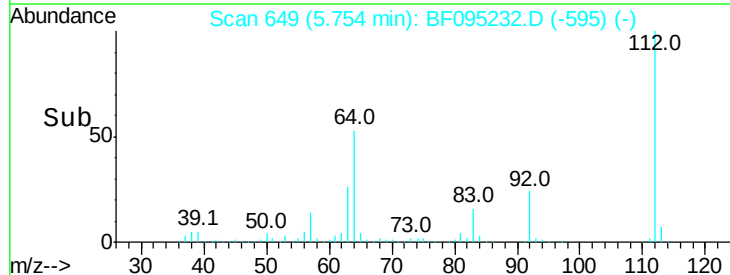
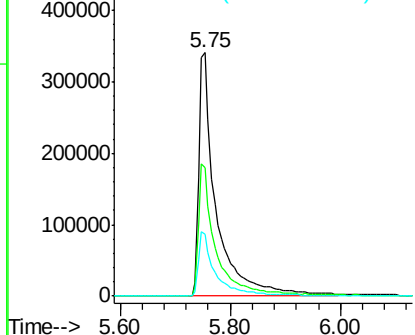
#5

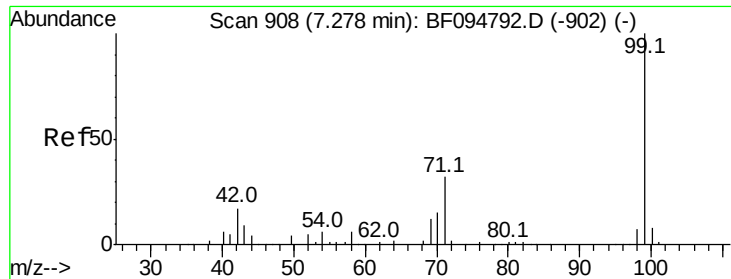
2-Fluorophenol
 Concen: 136.17 ng
 RT: 5.75 min Scan# 649
 Delta R.T. 0.02 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Tgt Ion:112 Resp: 750301
 Ion Ratio Lower Upper
 112 100
 64 52.5 46.0 69.0
 63 25.5 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: 132.68 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

Instrument :

BNA_F

ClientSampleId :

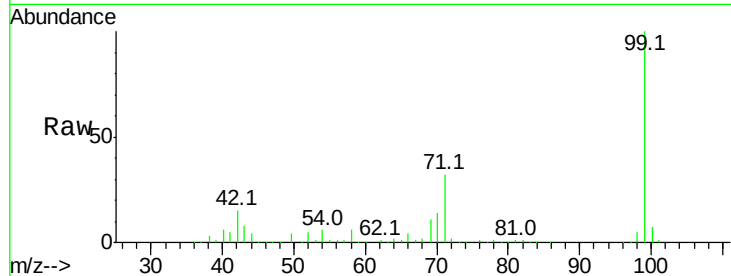
Tot Ion: 99 Resp: 877119

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

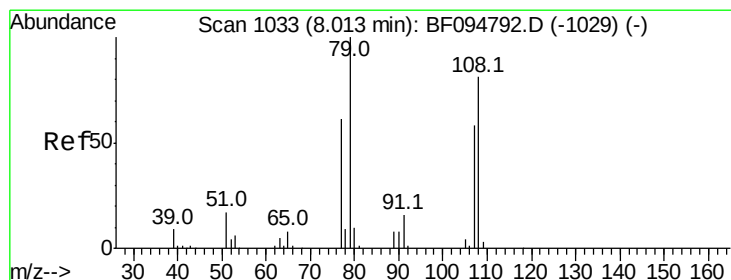
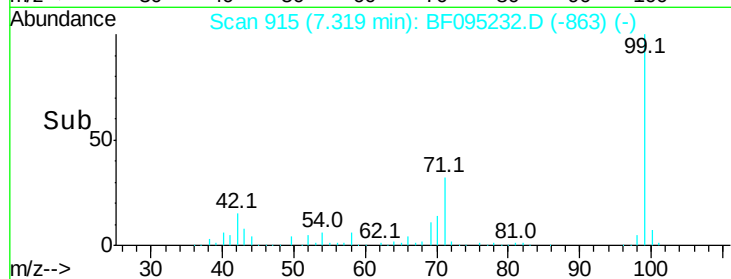
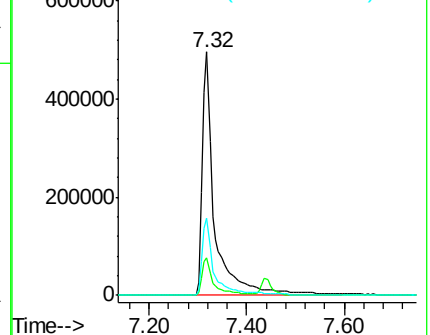
71 31.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

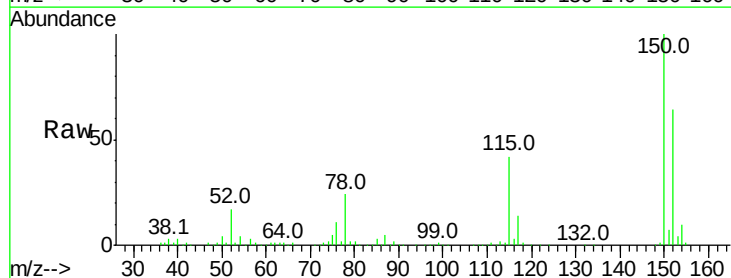
Tgt Ion: 79 Resp: 9069

Ion Ratio Lower Upper

79 100

108 29.8 63.4 95.0#

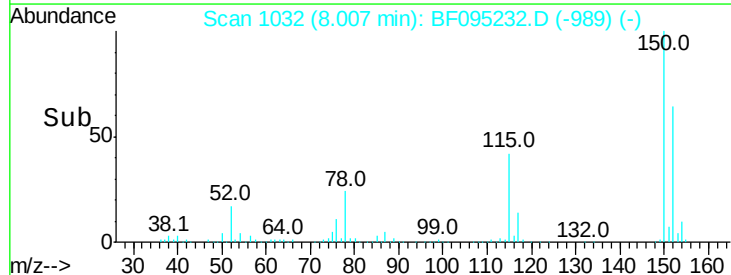
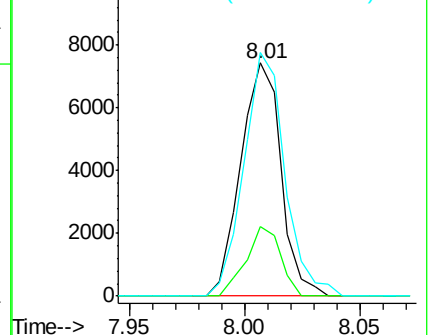
77 104.6 49.2 73.8#

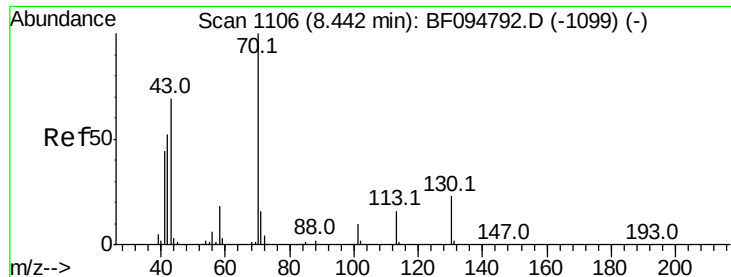


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

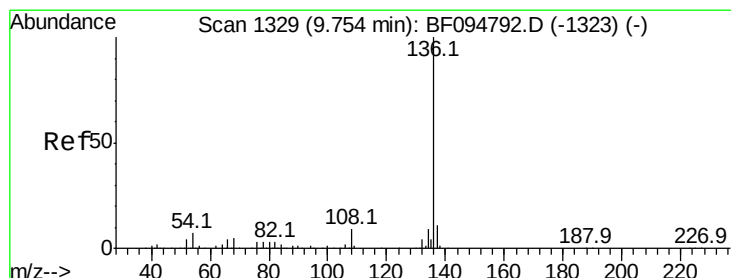
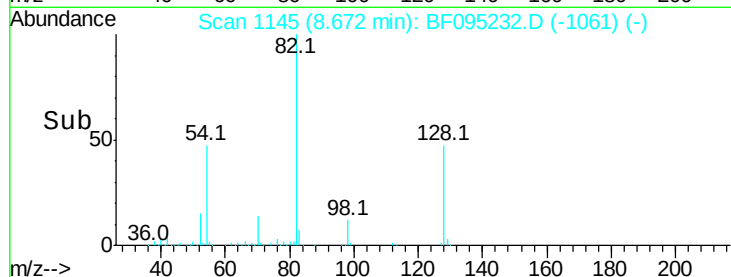
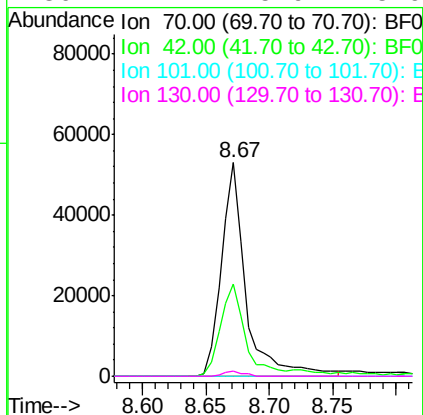
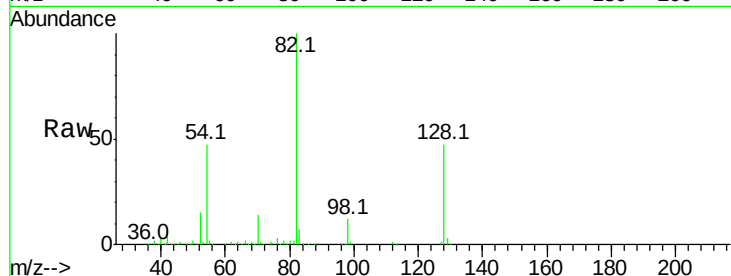




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF095232.D
Acq: 18 May 2017 20:26

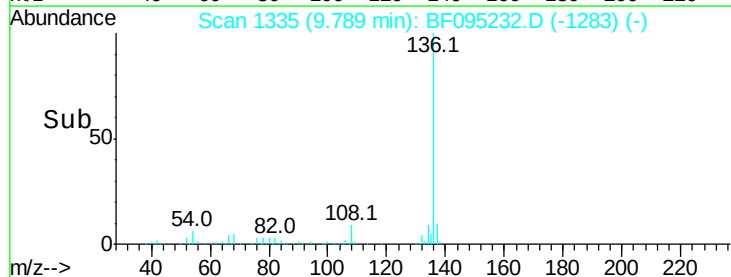
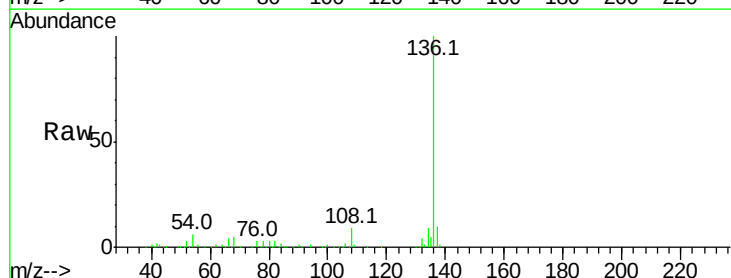
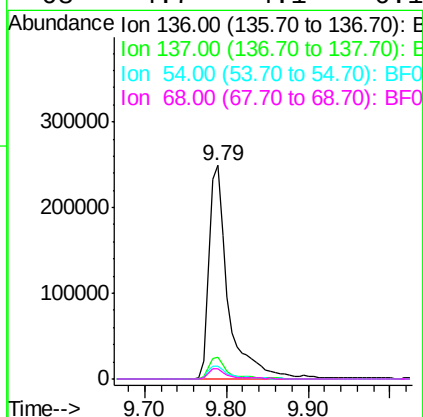
Instrument :
BNA_F
ClientSampleId :

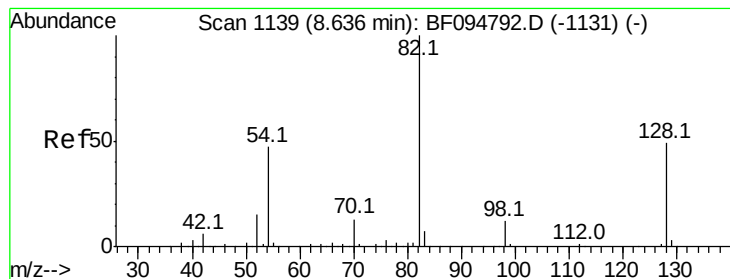
Tot Ion: 70 Resp: 71228
Ion Ratio Lower Upper
70 100
42 43.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095232.D
Acq: 18 May 2017 20:26

Tgt Ion: 136 Resp: 408058
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.3 4.9 7.3
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.36 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

Instrument :

BNA_F

ClientSampleId :

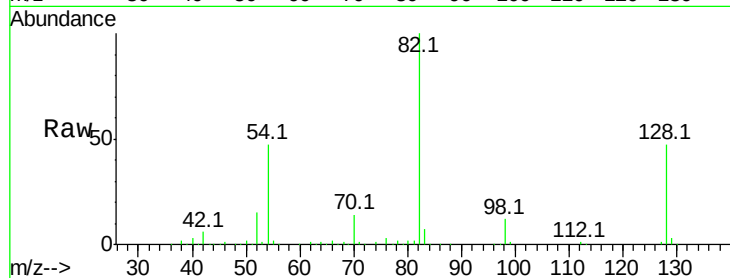
Tot Ion: 82 Resp: 591199

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

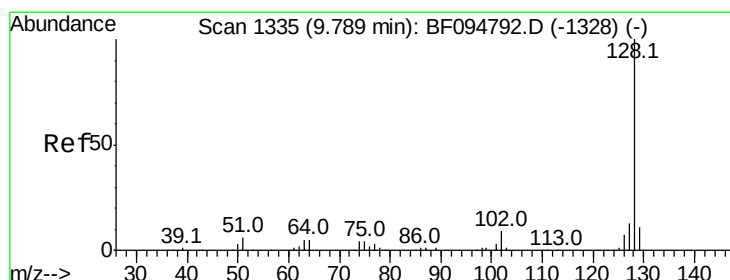
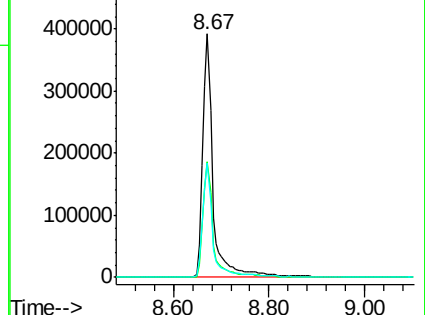
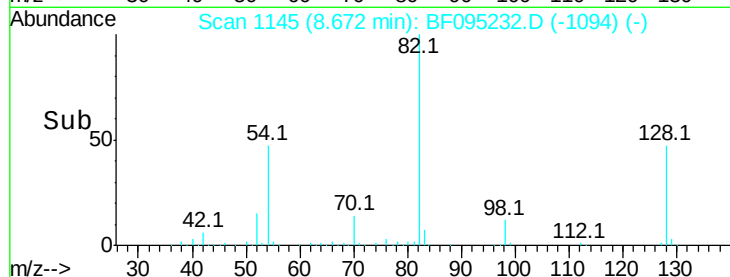
54 46.8 42.2 63.2



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: 3.69 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

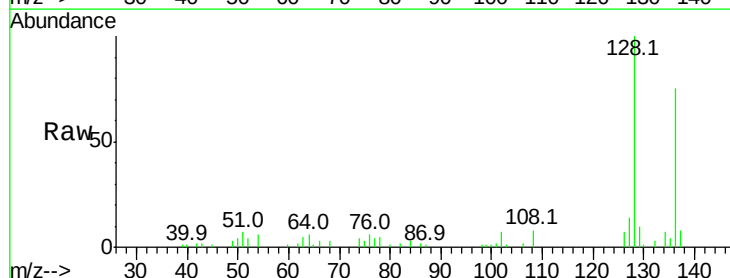
Tgt Ion:128 Resp: 75719

Ion Ratio Lower Upper

128 100

129 9.8 9.0 13.6

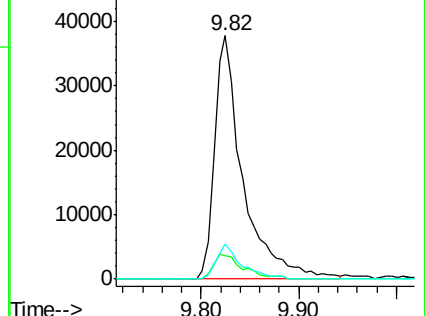
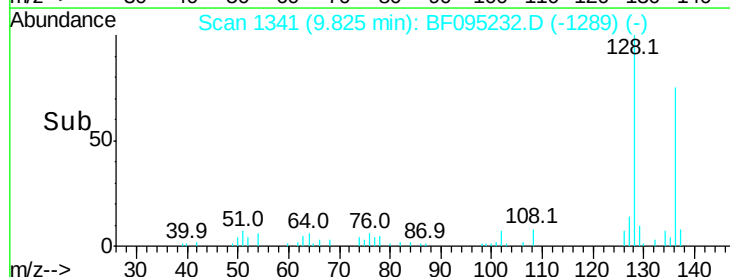
127 14.2 10.8 16.2

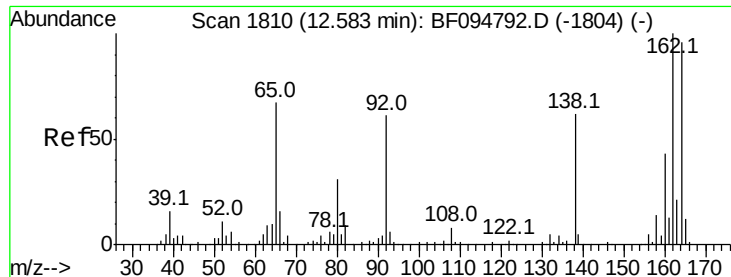


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

Instrument :

BNA_F

ClientSampleId :

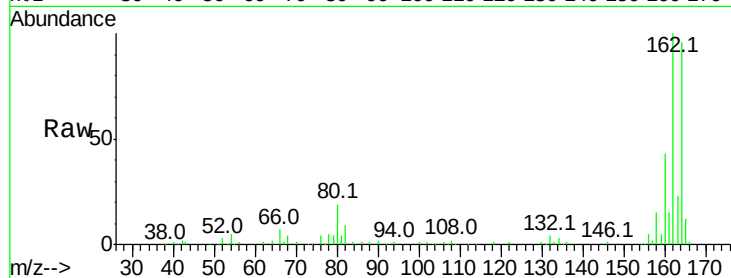
Tot Ion:164 Resp: 203944

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

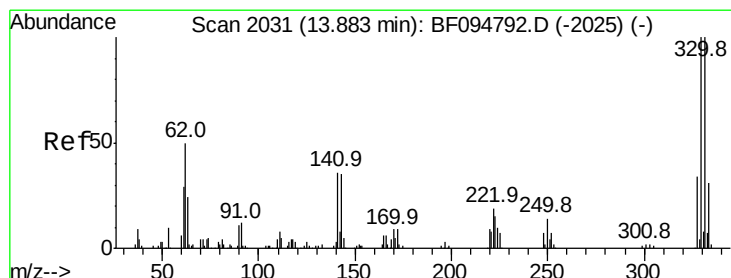
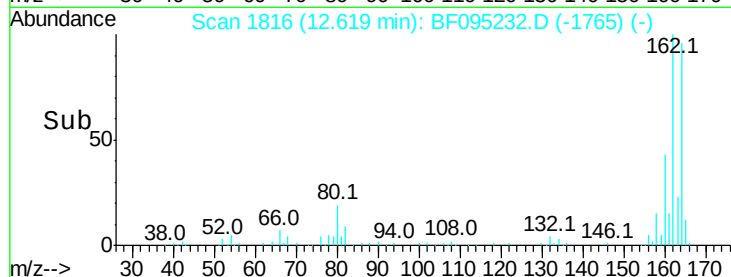
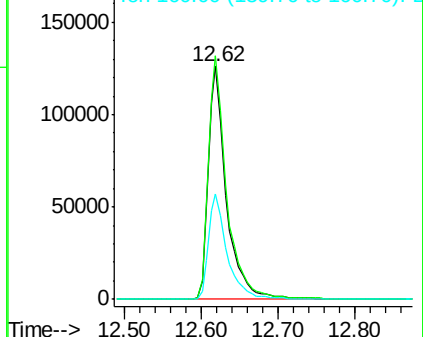
160 45.2 36.2 54.2



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: 147.78 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095232.D

Acq: 18 May 2017 20:26

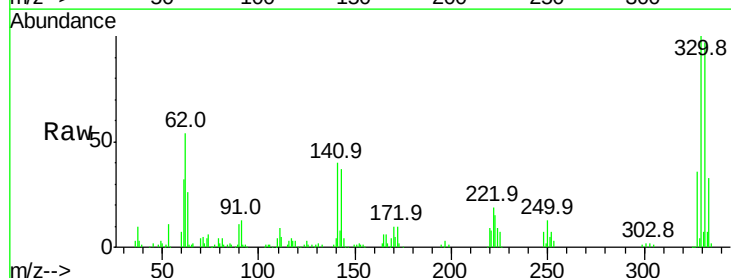
Tgt Ion:330 Resp: 246829

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

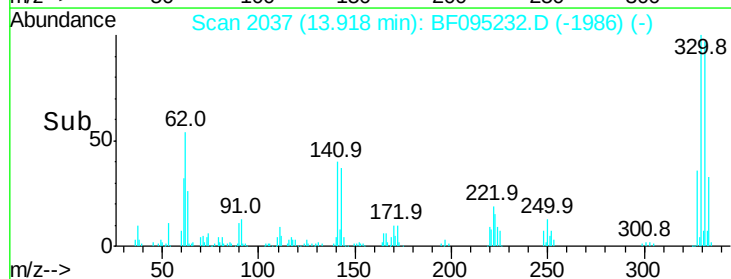
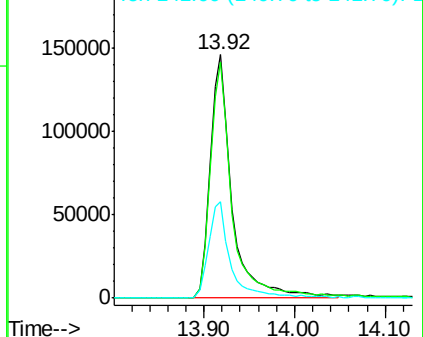
141 40.3 31.4 47.2

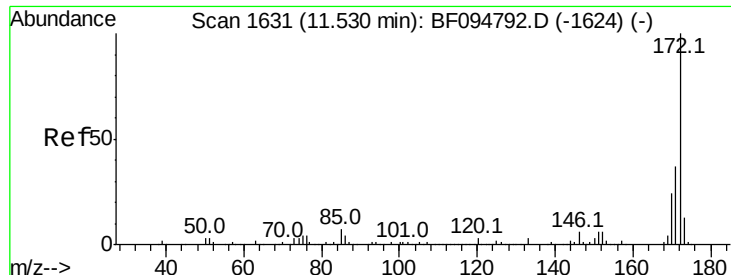


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

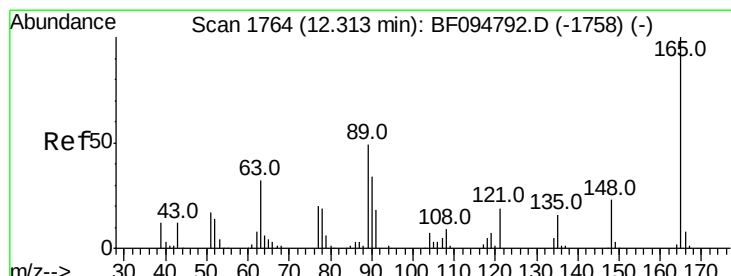
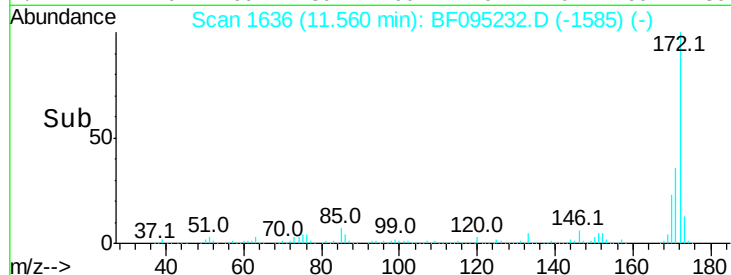
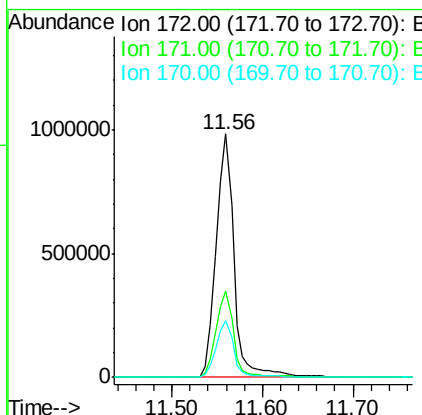
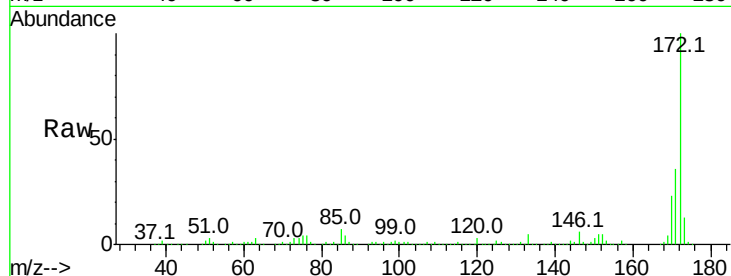




#44
 2-Fluorobiphenyl
 Concen: 94.81 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

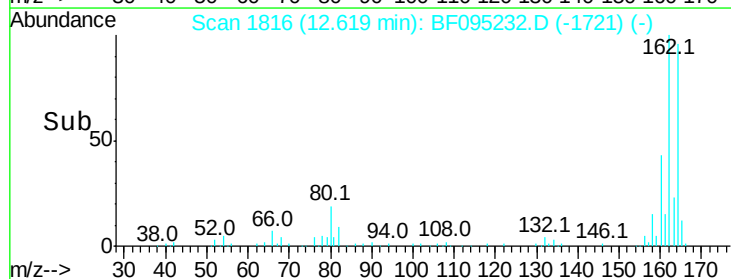
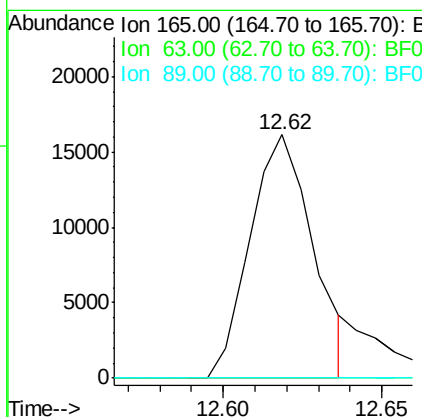
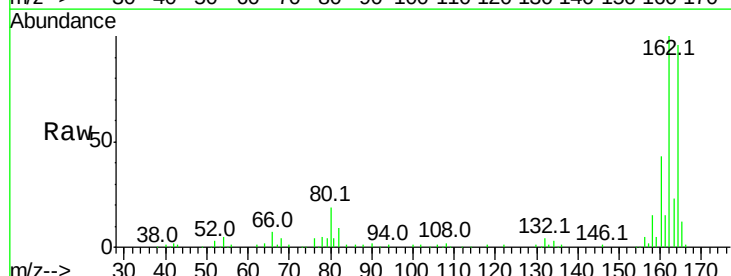
Instrument :
 BNA_F
 ClientSampled :

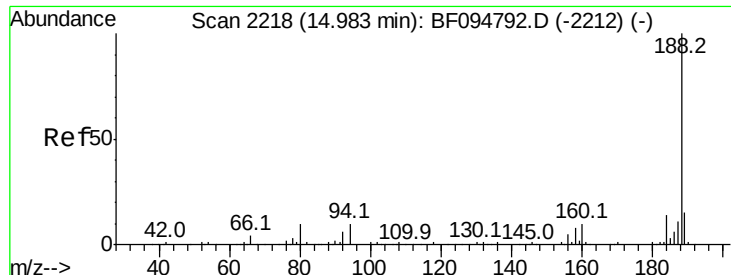
Tot Ion:172 Resp: 1343435
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.52 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Tgt Ion:165 Resp: 22265
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

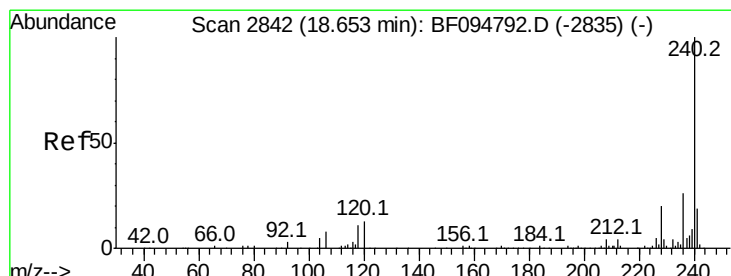
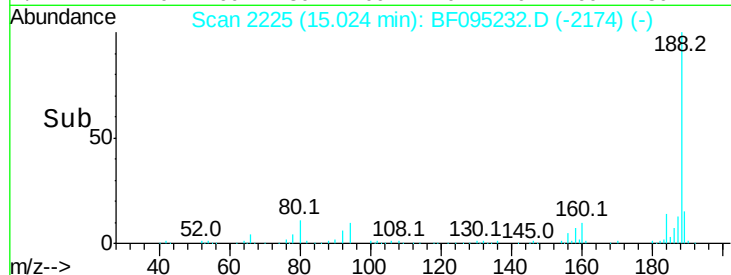
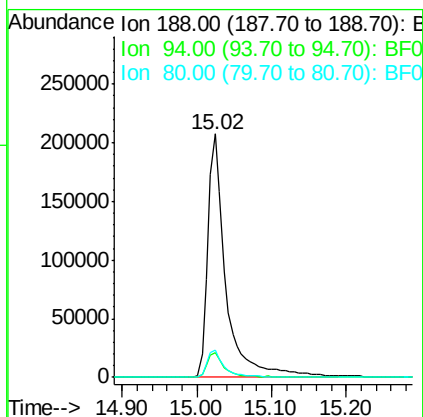
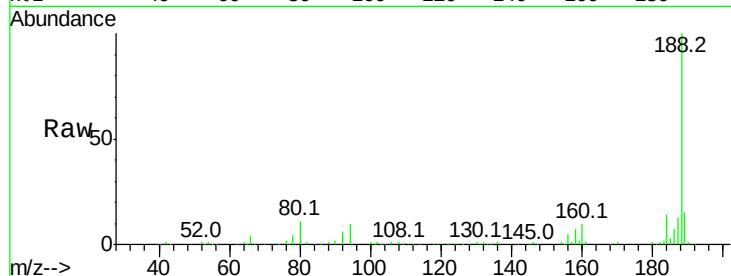




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

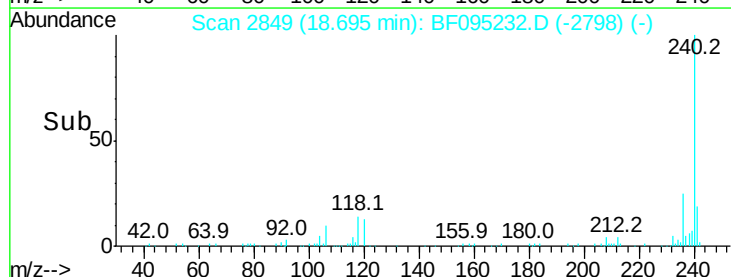
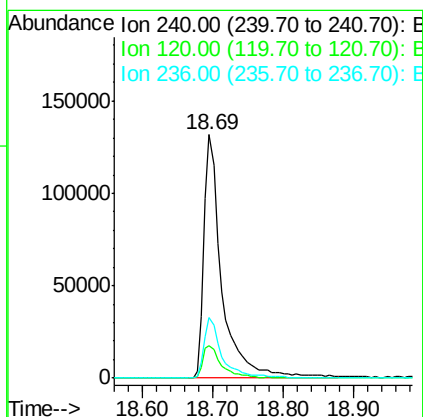
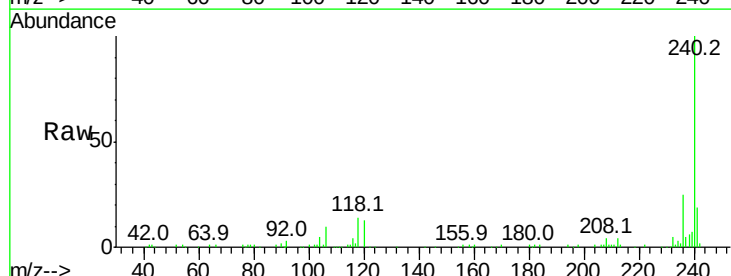
Instrument :
 BNA_F
 ClientSampled :

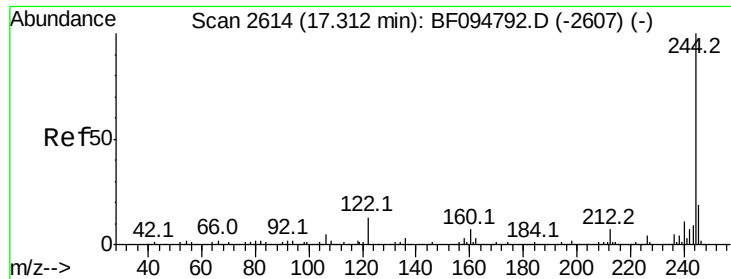
Tot Ion:188 Resp: 350840
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Tgt Ion:240 Resp: 236107
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.8 20.5 30.7

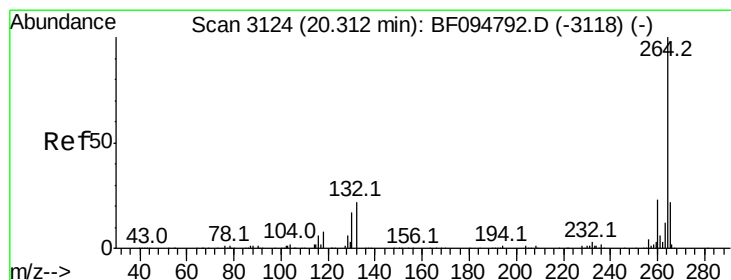
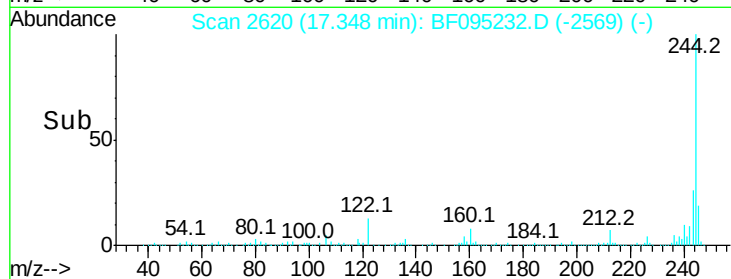
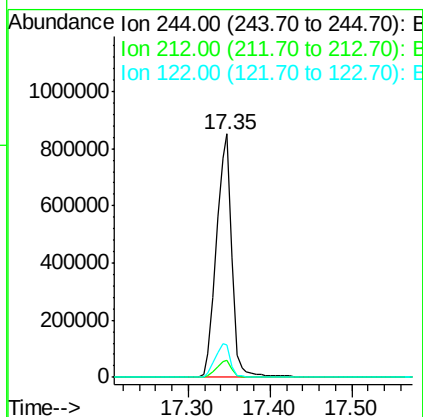
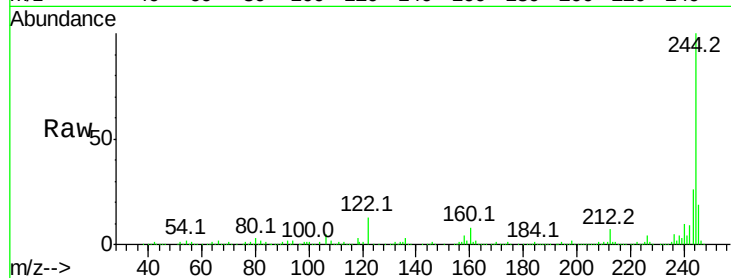




#78
 Terphenyl-d14
 Concen: 105.10 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1126680
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095232.D
 Acq: 18 May 2017 20:26

Tgt Ion:264 Resp: 155331
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.6 17.2 25.8

