

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095166.D
 Acq On : 16 May 2017 20:30
 Operator : SJ/MA
 Sample : I3139-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:57:10 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

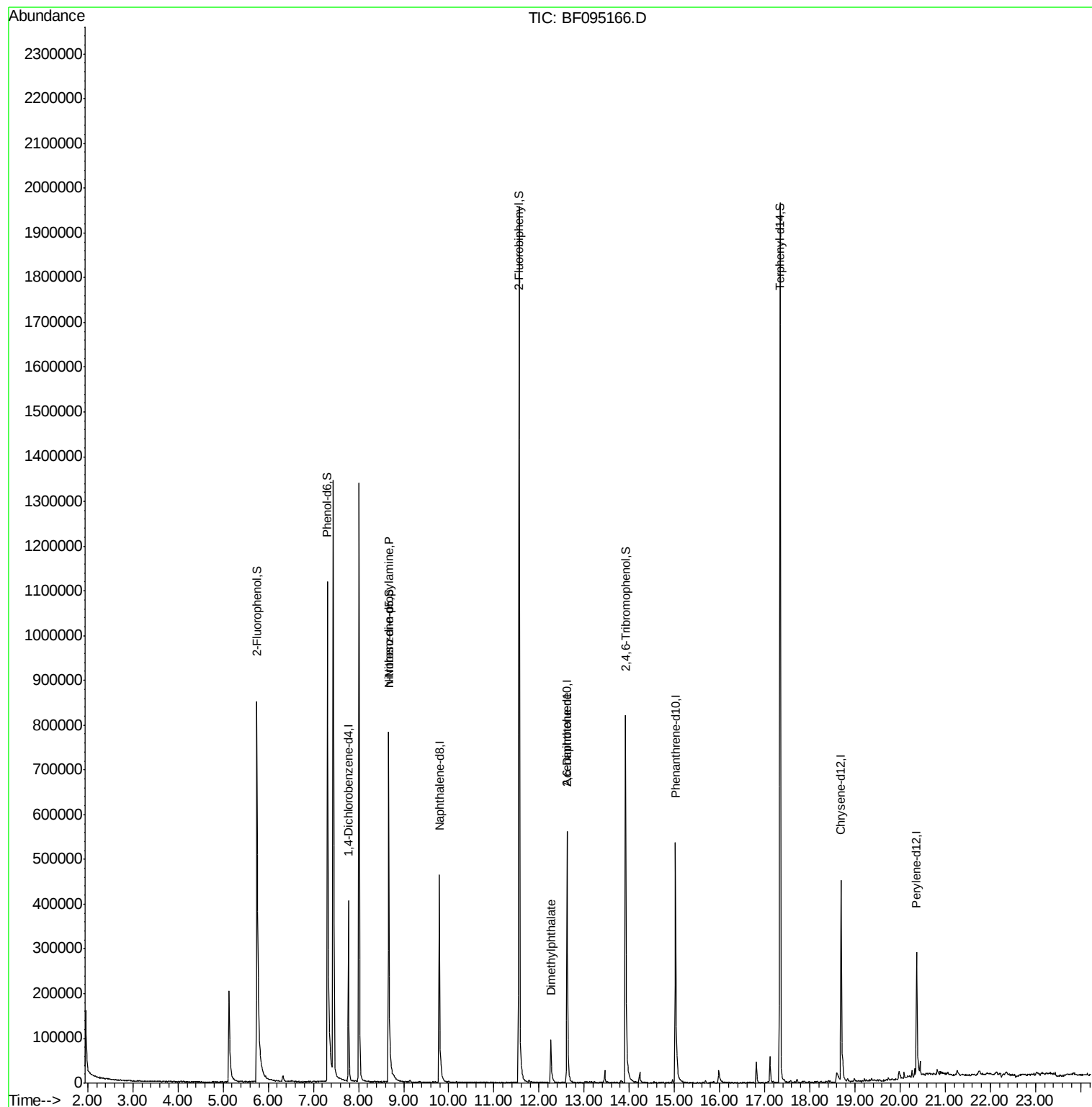
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	87793	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	369432	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	181975	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	343535	20.00	ng	0.04
75) Chrysene-d12	18.69	240	243703	20.00	ng	0.04
86) Perylene-d12	20.37	264	159351	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	588606	111.78	ng	0.07
7) Phenol-d6	7.31	99	710707	112.49	ng	0.04
23) Nitrobenzene-d5	8.67	82	423220	72.24	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	167315	112.27	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	911816	72.12	ng	0.03
78) Terphenyl-d14	17.34	244	796002	71.94	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	52023	12.17	ng	# 74
49) Dimethylphthalate	12.26	163	87036	5.83	ng	# 97
50) 2,6-Dinitrotoluene	12.62	165	16814	5.52	ng	# 31

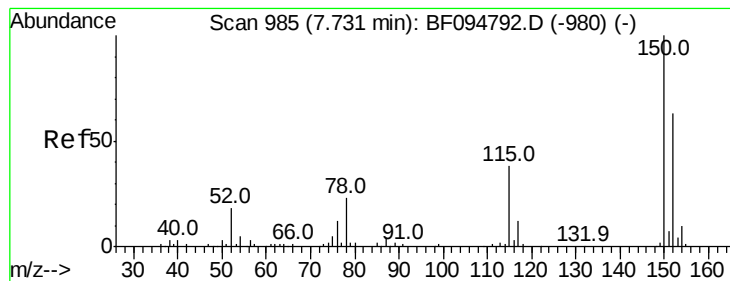
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095166.D
Acq On : 16 May 2017 20:30
Operator : SJ/MA
Sample : I3139-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 17 05:57:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

Instrument :

BNA_F

ClientSampleId :

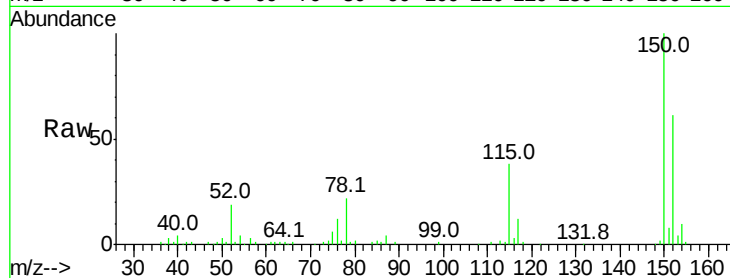
Tot Ion:152 Resp: 87793

Ion Ratio Lower Upper

152 100

150 162.7 126.2 189.2

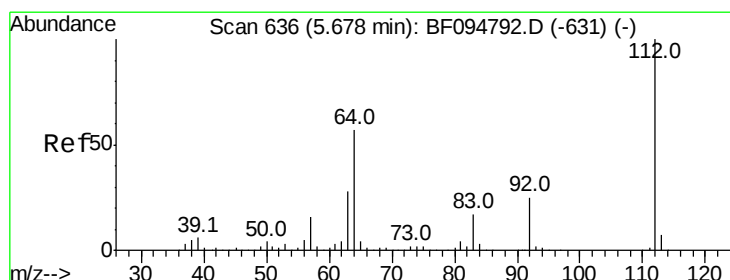
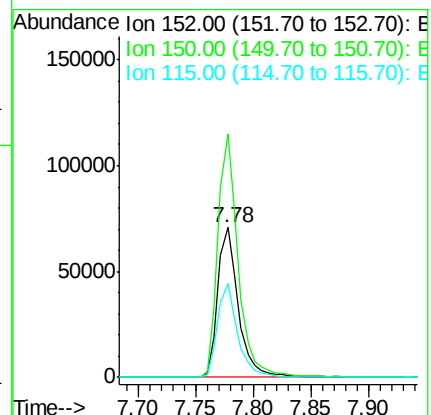
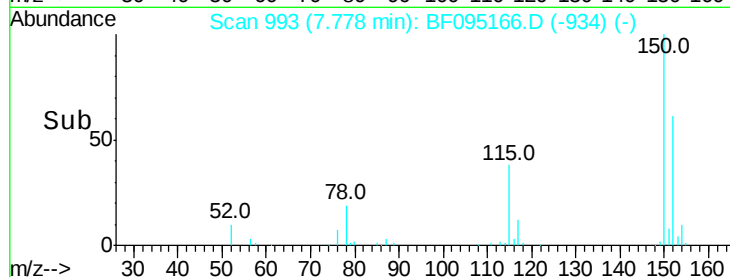
115 62.6 52.2 78.2



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: 111.78 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

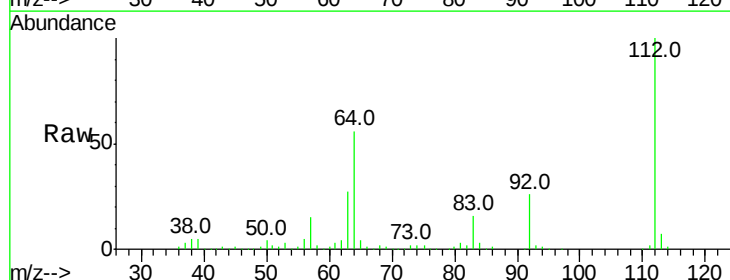
Tgt Ion:112 Resp: 588606

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

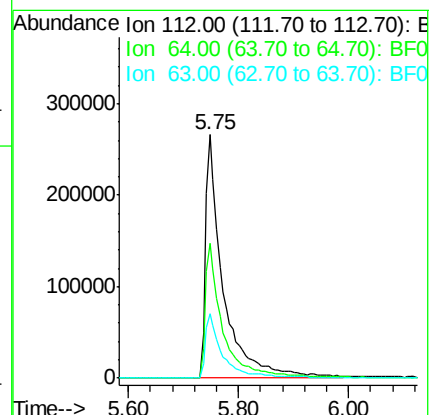
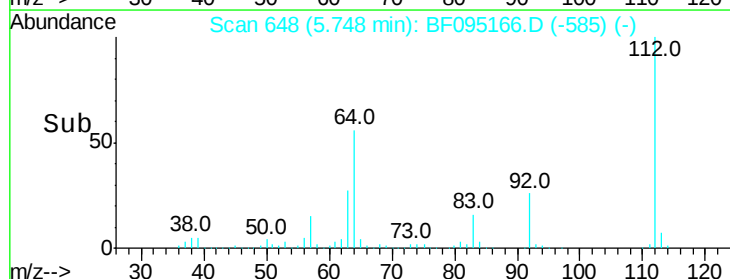
63 26.5 23.4 35.0

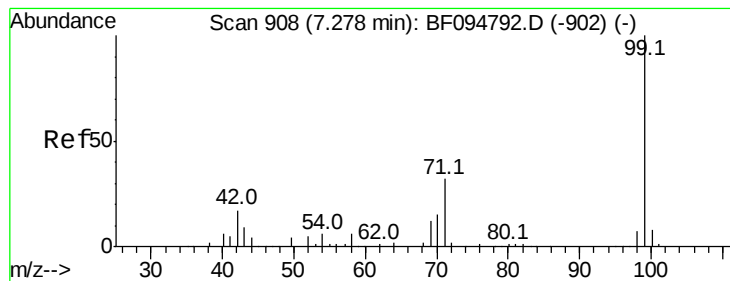


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.49 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

Instrument :

BNA_F

ClientSampled :

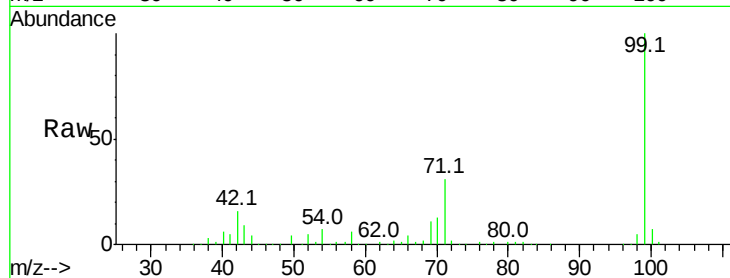
Tot Ion: 99 Resp: 710707

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

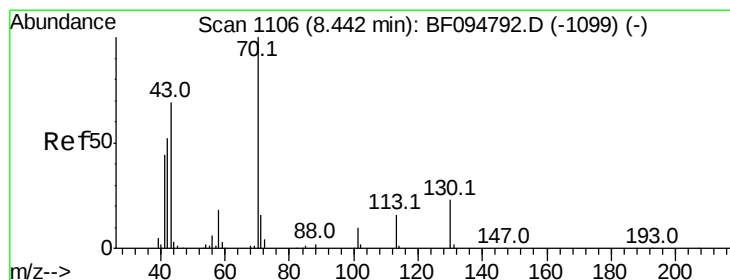
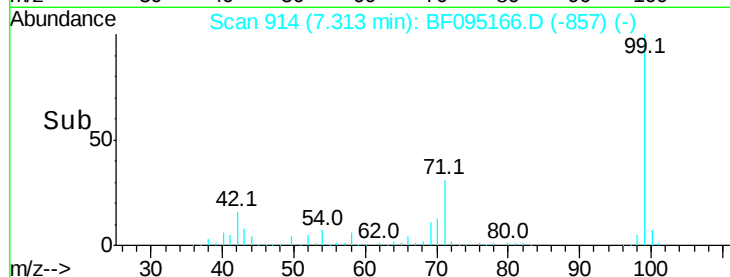
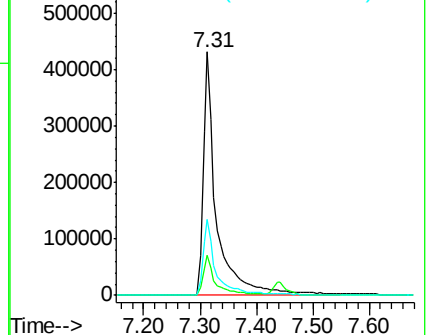
71 31.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.17 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.23 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

Tgt Ion: 70 Resp: 52023

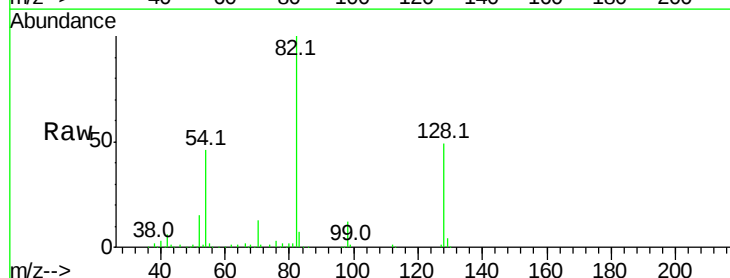
Ion Ratio Lower Upper

70 100

42 42.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

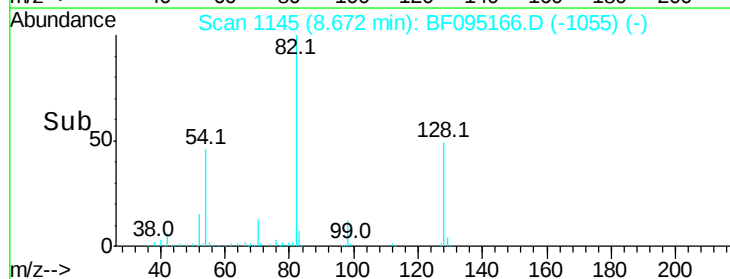
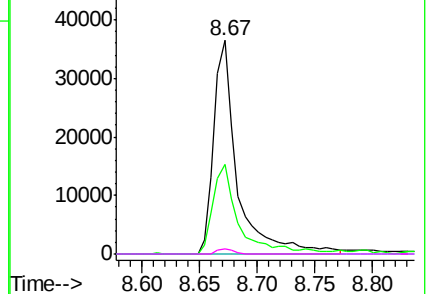


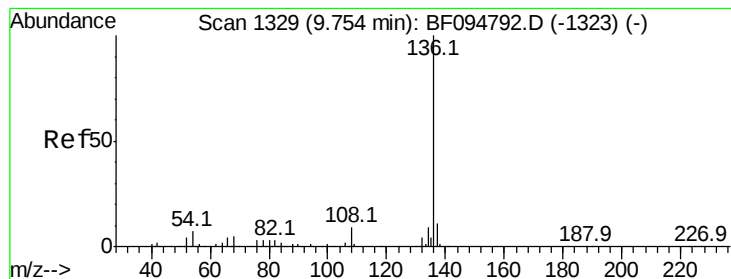
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 369432

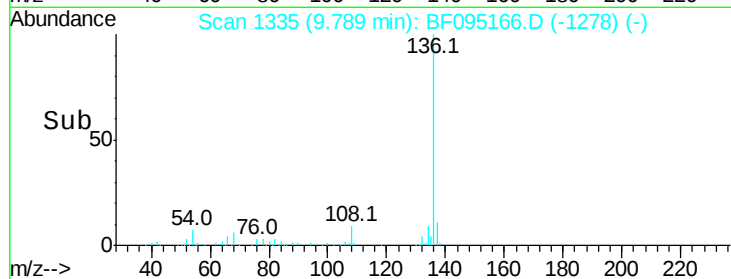
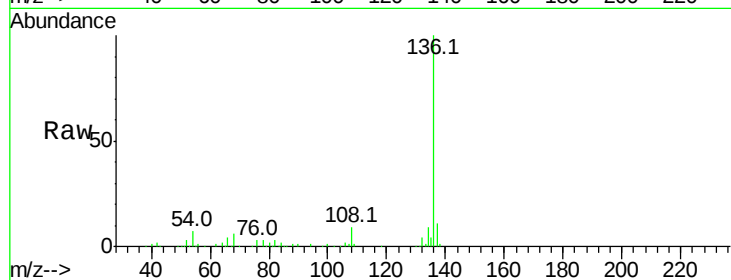
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

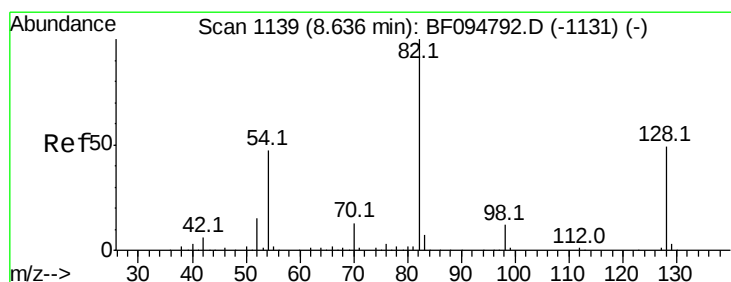
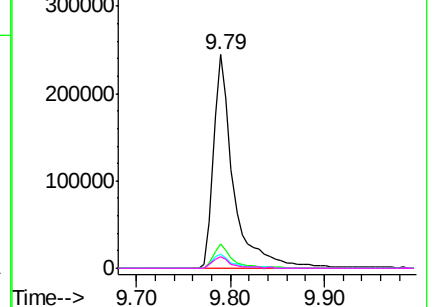


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.24 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.04 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

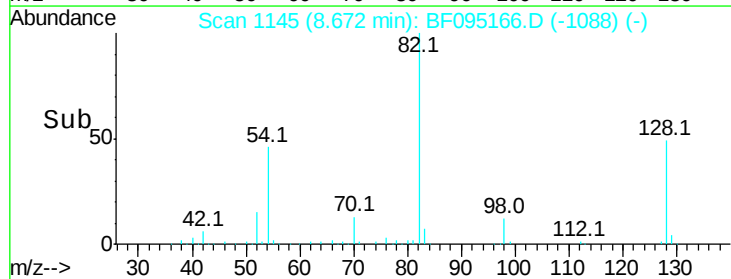
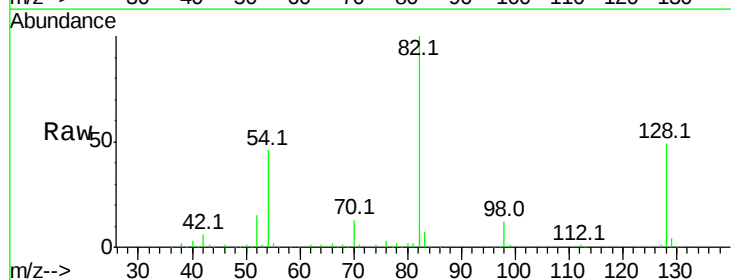
Tgt Ion: 82 Resp: 423220

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

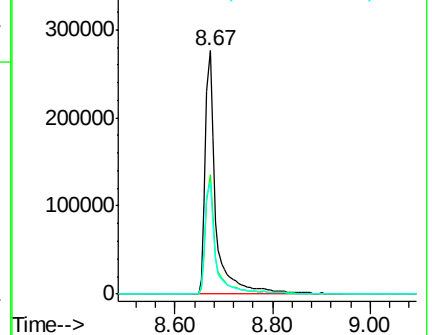
54 46.0 42.2 63.2

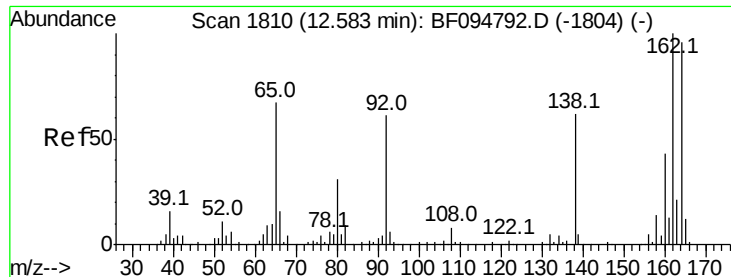


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095166.D

Acq: 16 May 2017 20:30

Instrument :

BNA_F

ClientSampleId :

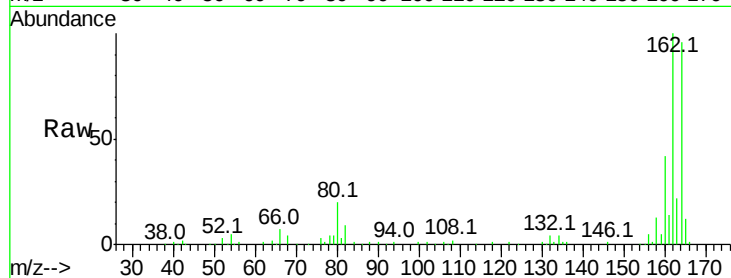
Tot Ion:164 Resp: 181975

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

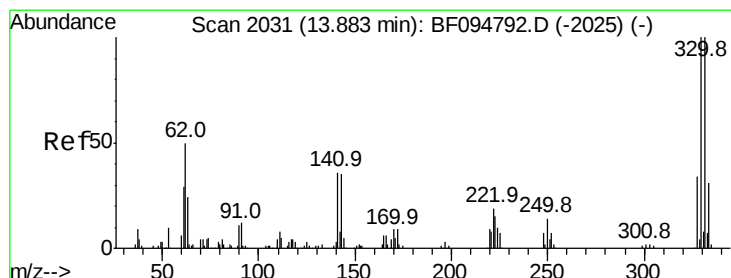
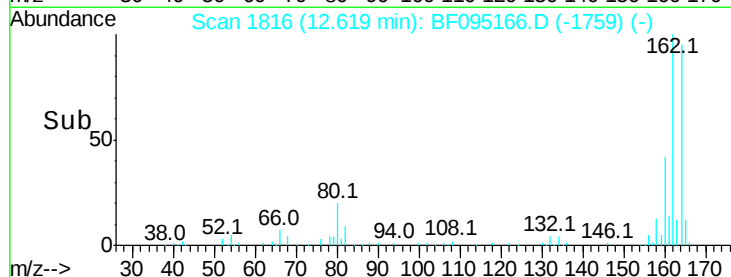
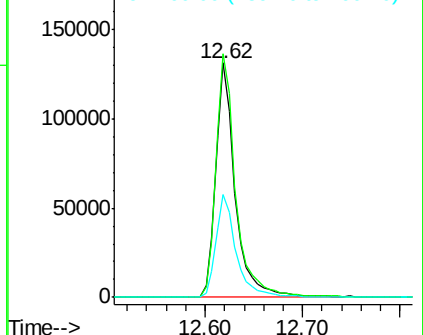
160 43.9 36.2 54.2



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: 112.27 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

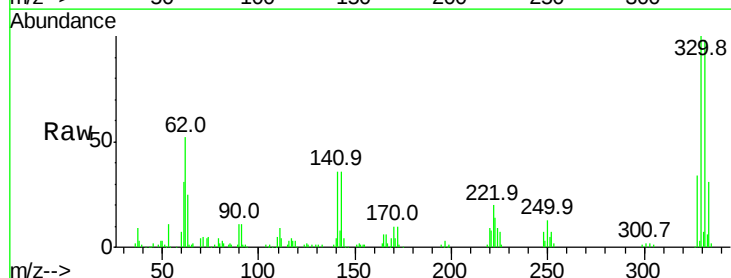
Tgt Ion:330 Resp: 167315

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

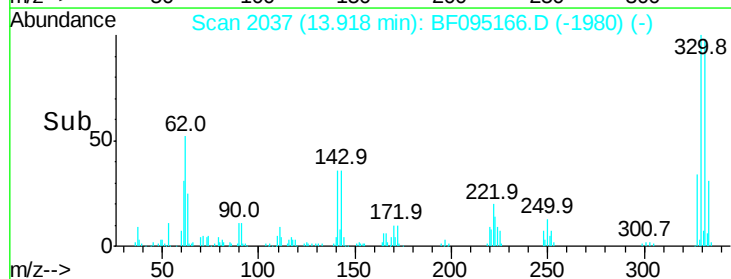
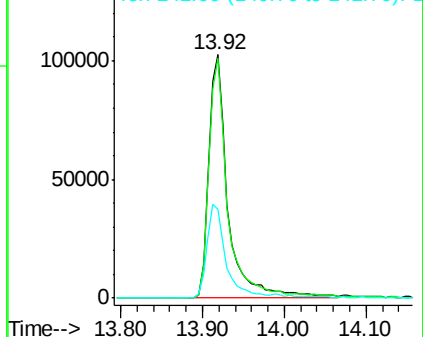
141 39.3 31.4 47.2

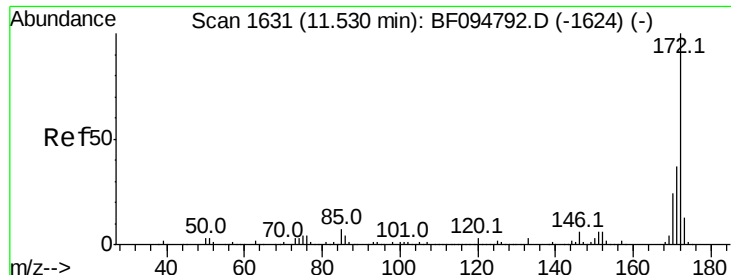


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

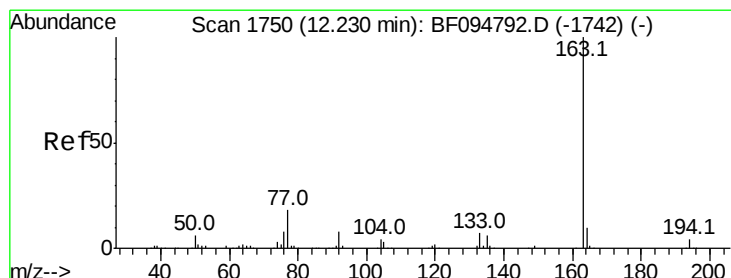
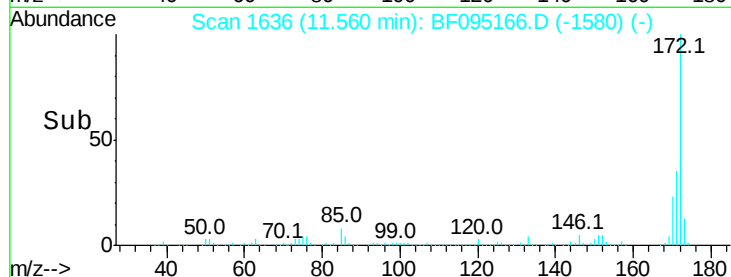
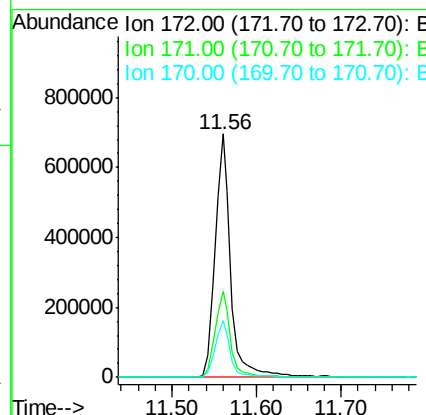
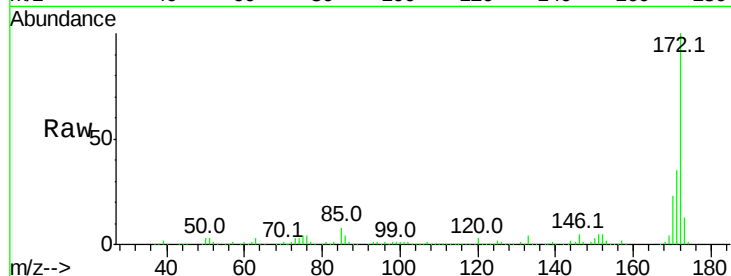




#44
2-Fluorobiphenyl
Concen: 72.12 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095166.D
Acq: 16 May 2017 20:30

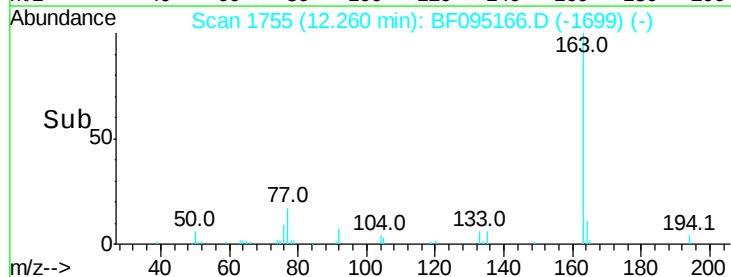
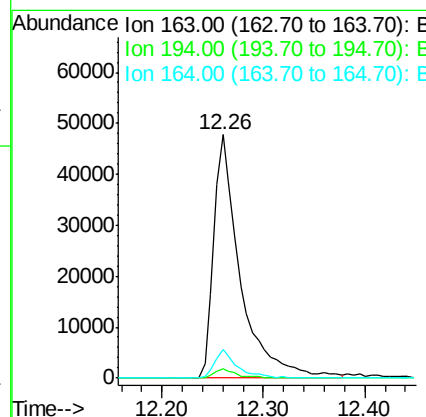
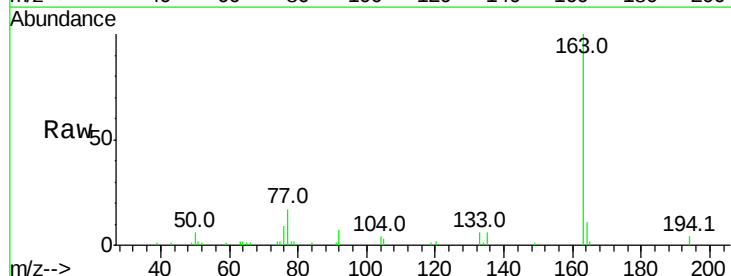
Instrument :
BNA_F
ClientSampleId :

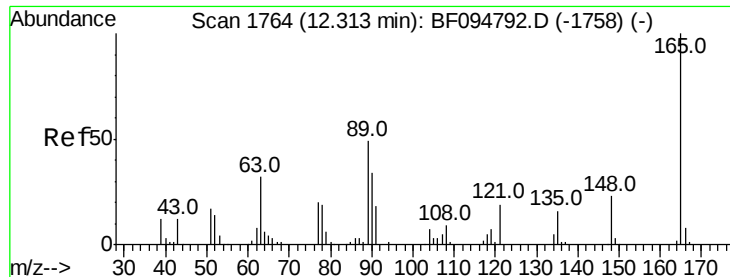
Tot Ion:172 Resp: 911816
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 5.83 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095166.D
Acq: 16 May 2017 20:30

Tgt Ion:163 Resp: 87036
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 11.5 8.4 12.6

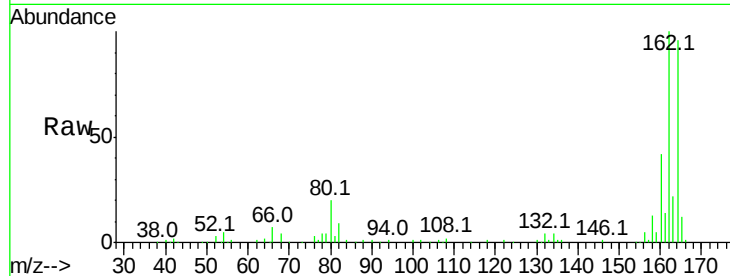




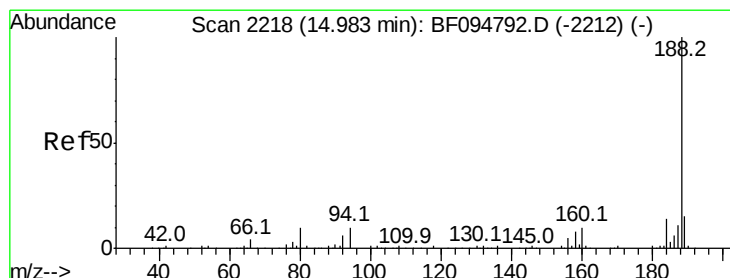
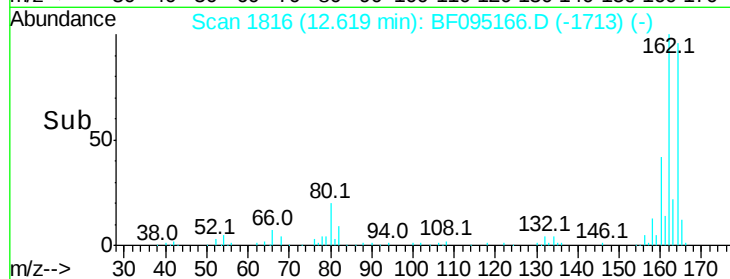
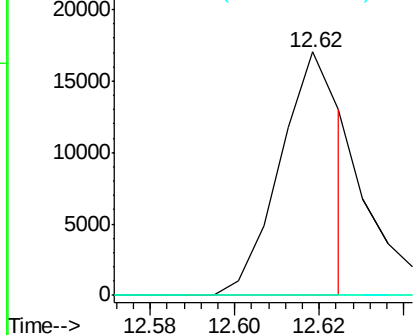
#50
 2,6-Dinitrotoluene
 Concen: 5.52 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.31 min
 Lab File: BF095166.D
 Acq: 16 May 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16814
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

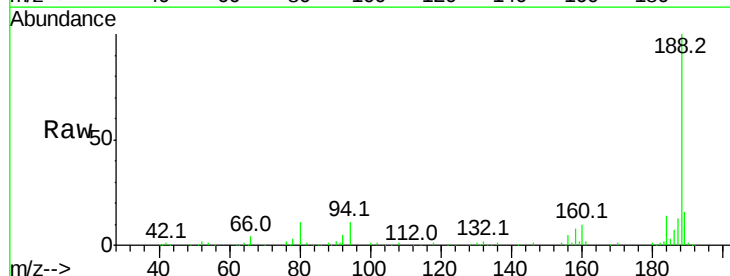


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

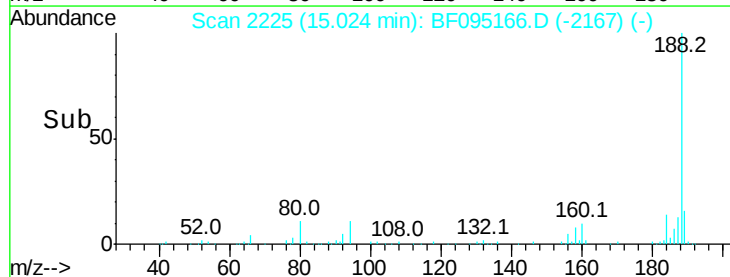
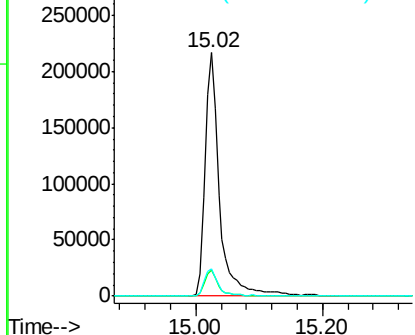


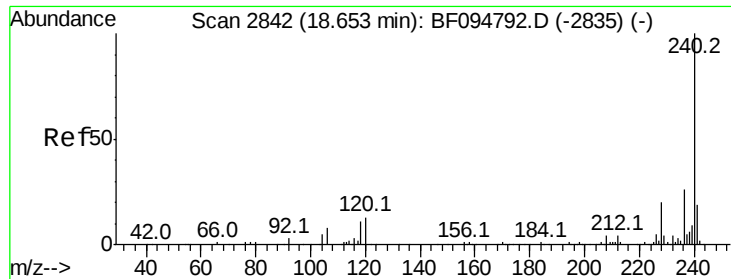
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095166.D
 Acq: 16 May 2017 20:30

Tgt Ion:188 Resp: 343535
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.2 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: 18.69 min Scan# 2848

Delta R.T. 0.04 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

Instrument :

BNA_F

ClientSampleId :

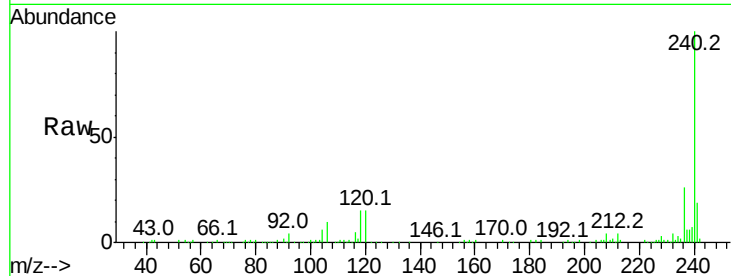
Tot Ion:240 Resp: 243703

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

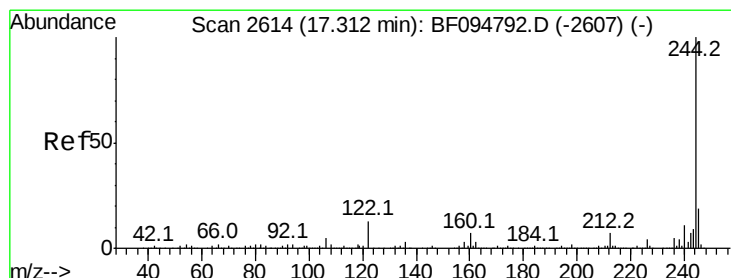
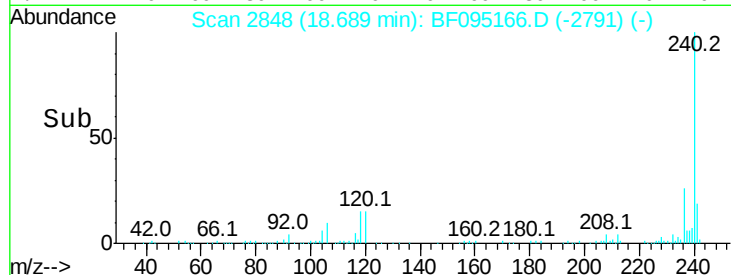
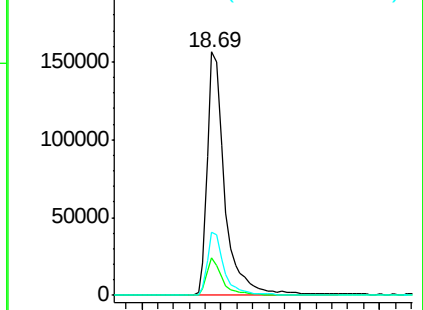
236 25.7 20.5 30.7



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: 71.94 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095166.D

Acq: 16 May 2017 20:30

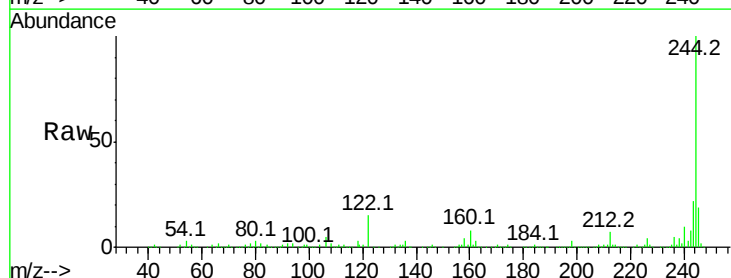
Tgt Ion:244 Resp: 796002

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

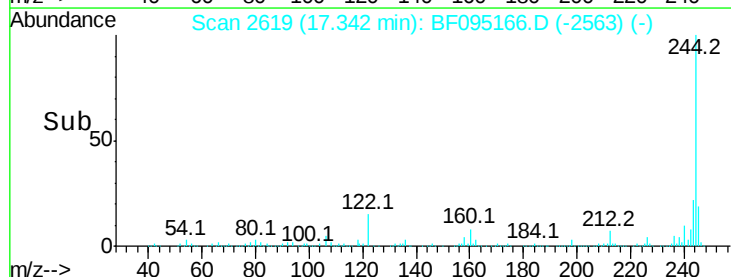
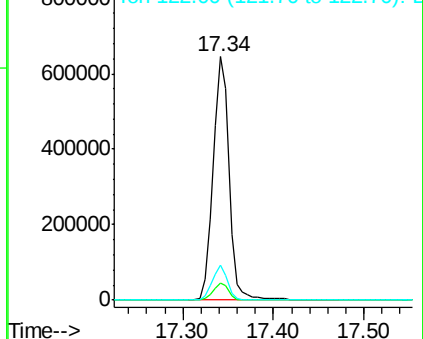
122 14.5 10.3 15.5

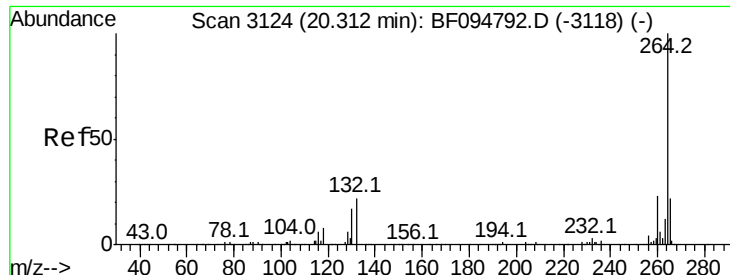


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

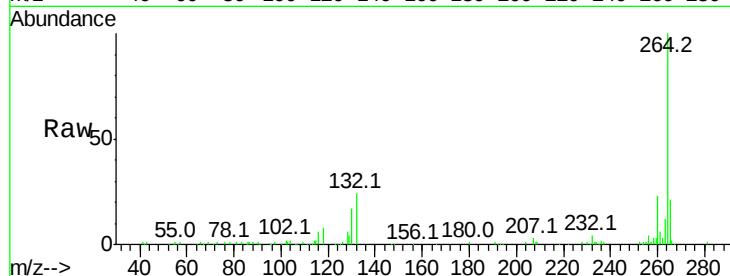




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095166.D
Acq: 16 May 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	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

