

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095211.D
 Acq On : 18 May 2017 7:02
 Operator : SJ/MA
 Sample : PB99041BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 07:38:45 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 04:48:06 2017
 Response via : Initial Calibration

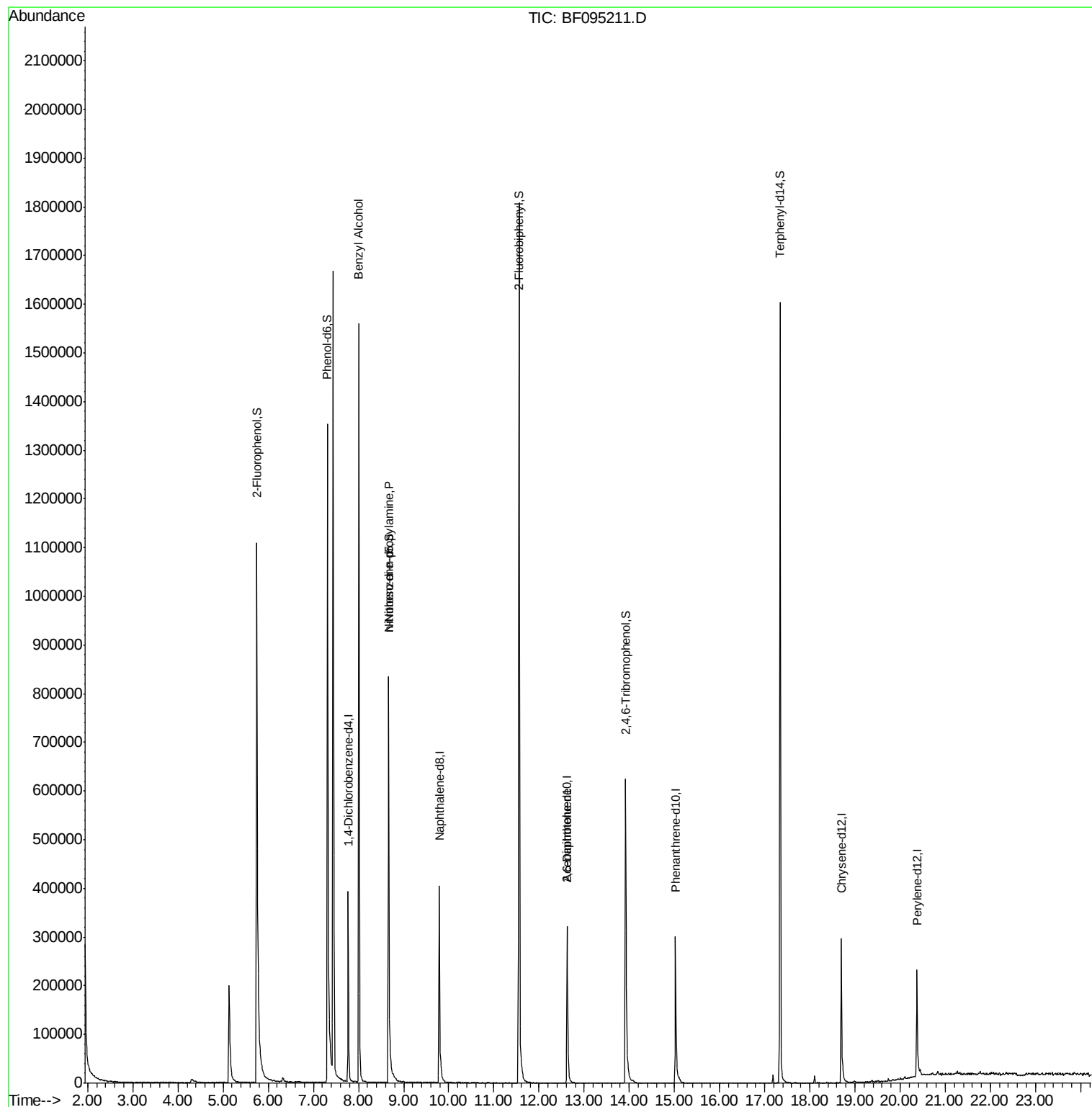
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84587	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	333118	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	126201	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	203891	20.00	ng	0.00
75) Chrysene-d12	18.69	240	175216	20.00	ng	0.00
86) Perylene-d12	20.37	264	127588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	721405	142.19	ng	0.00
7) Phenol-d6	7.31	99	866306	142.31	ng	0.00
23) Nitrobenzene-d5	8.67	82	472124	89.37	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	134085	129.73	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	877839	100.12	ng	0.00
78) Terphenyl-d14	17.34	244	626766	78.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.01	79	8261	2.11	ng	# 46
19) n-Nitroso-di-n-propylamine	8.67	70	57119	13.87	ng	# 74
50) 2,6-Dinitrotoluene	12.62	165	13073	6.19	ng	# 31

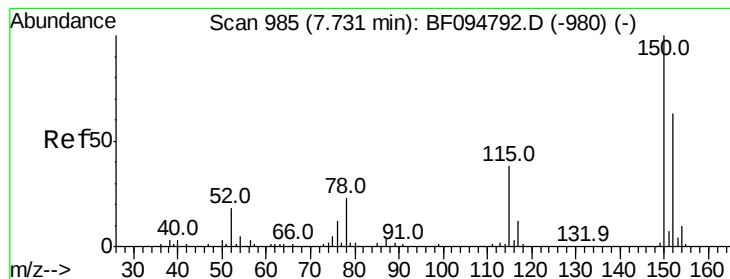
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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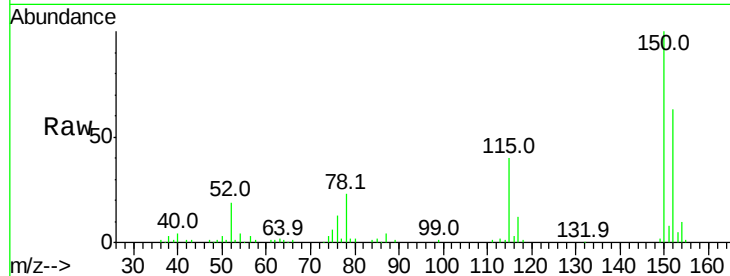


#1

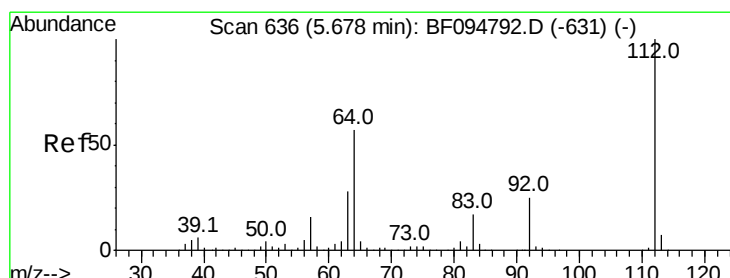
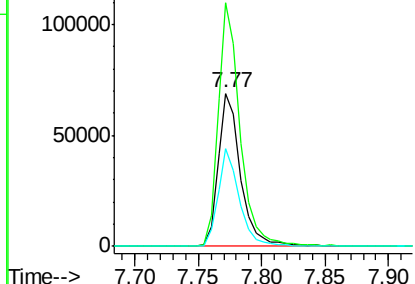
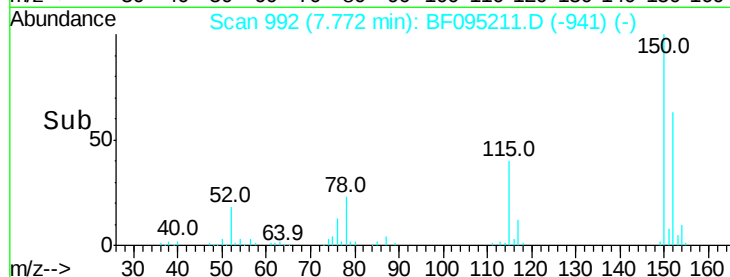
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF095211.D
Acq: 18 May 2017 7:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 84587
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 63.4 52.2 78.2



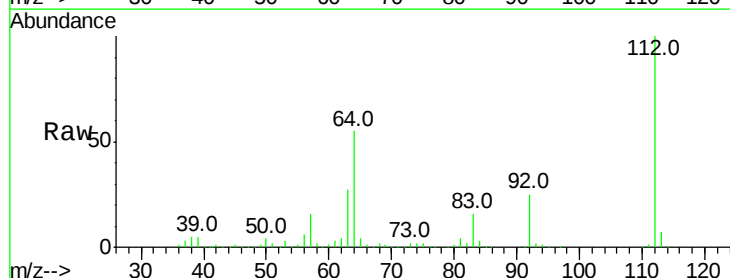
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



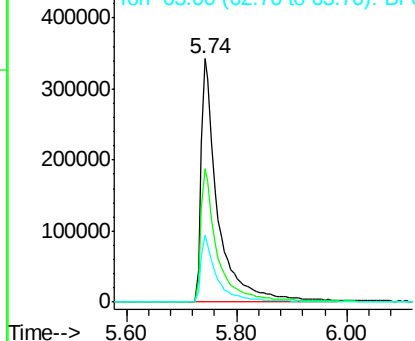
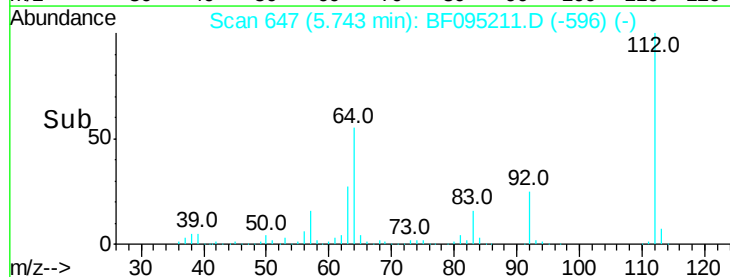
#5

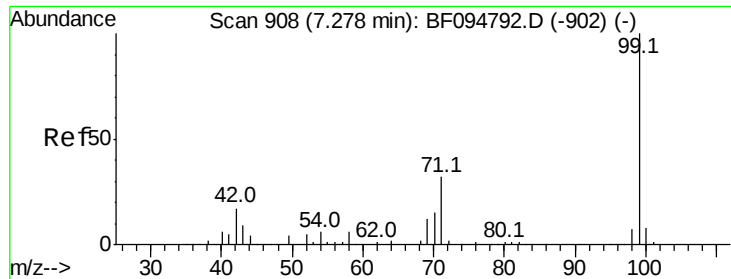
2-Fluorophenol
Concen: 142.19 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF095211.D
Acq: 18 May 2017 7:02

Tgt Ion:112 Resp: 721405
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.5 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: 142.31 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

Instrument :

BNA_F

ClientSampleId :

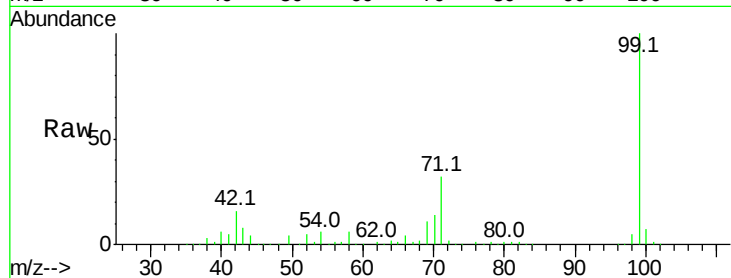
Tot Ion: 99 Resp: 866306

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

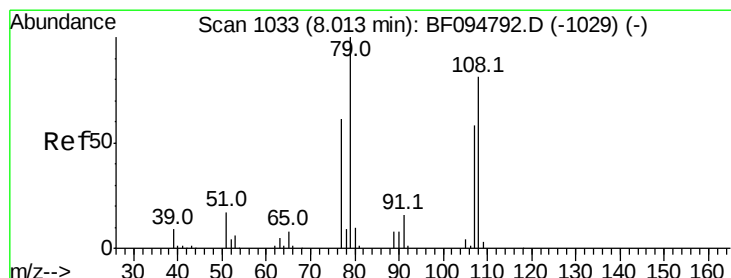
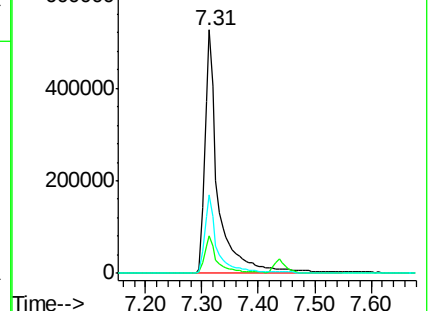
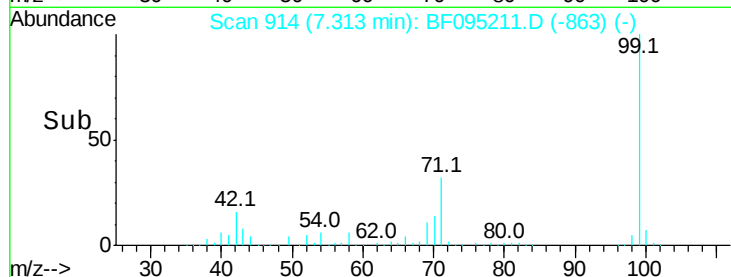
71 32.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

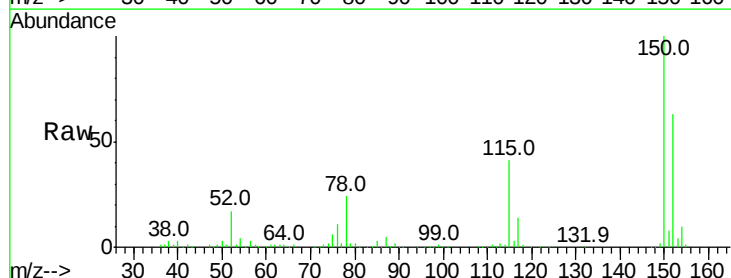
Tgt Ion: 79 Resp: 8261

Ion Ratio Lower Upper

79 100

108 25.0 63.4 95.0#

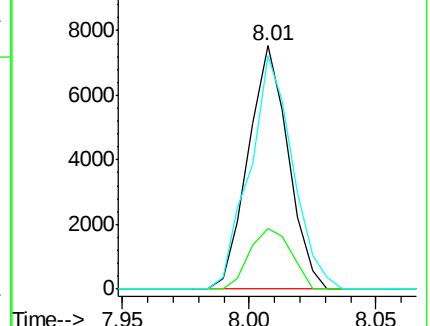
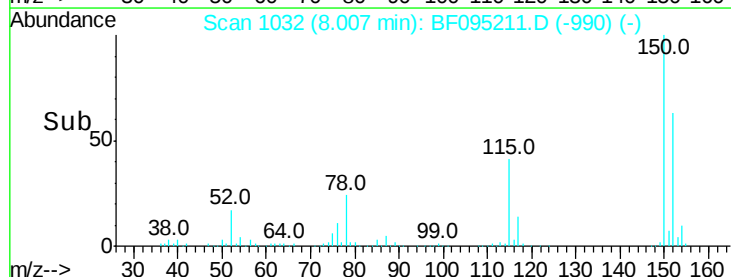
77 95.6 49.2 73.8#

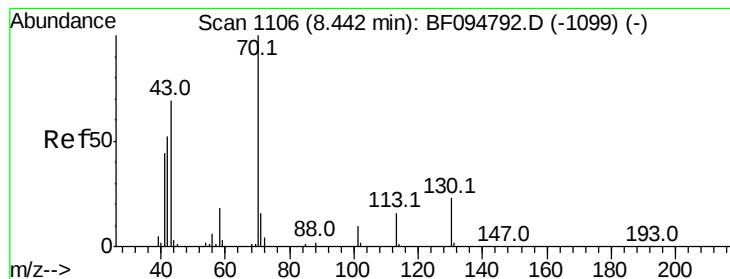


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 13.87 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 57119

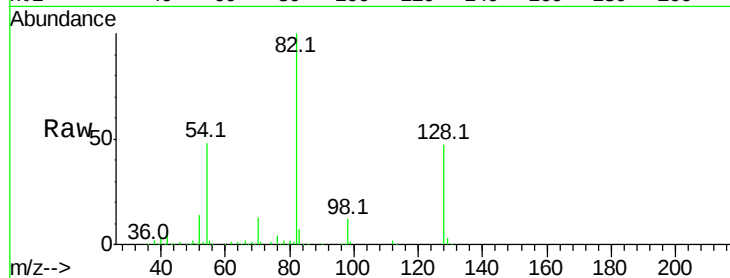
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

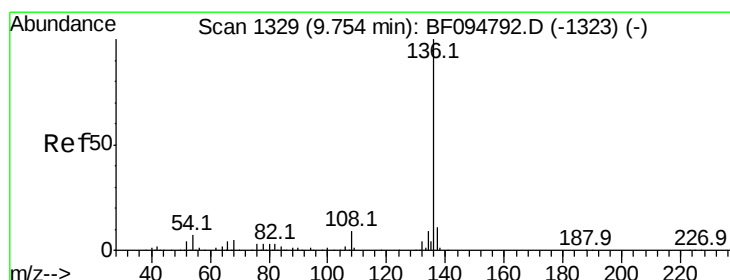
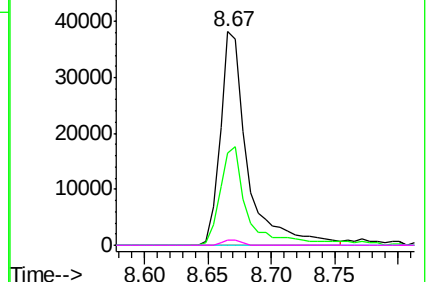
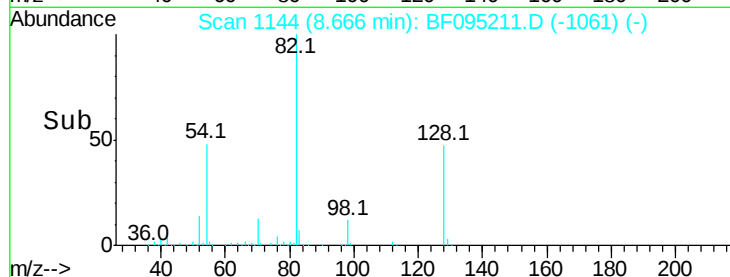


Abundance Ion 70.00 (69.70 to 70.70): BF0

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. 0.00 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

Tgt Ion:136 Resp: 333118

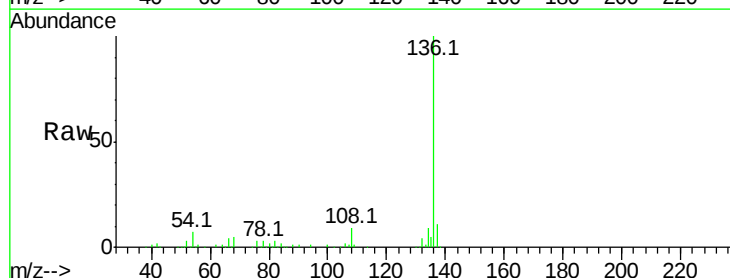
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

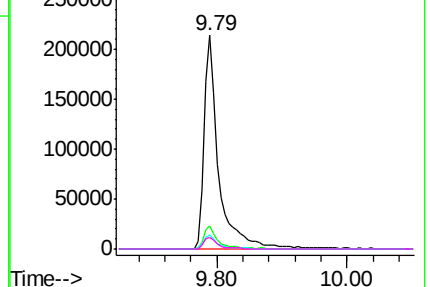
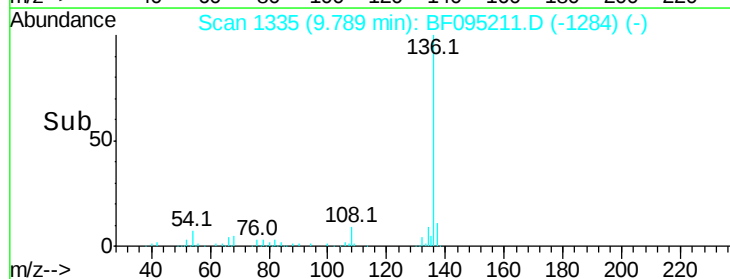


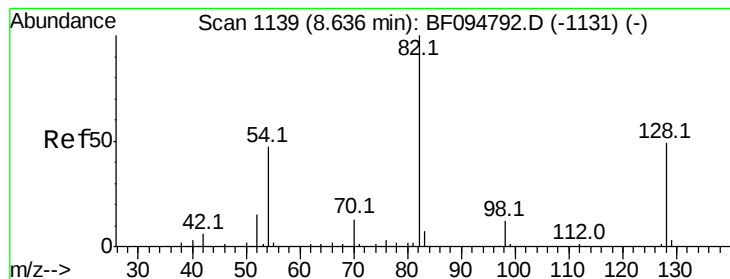
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 89.37 ng

RT: 8.67 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

Instrument :

BNA_F

ClientSampleId :

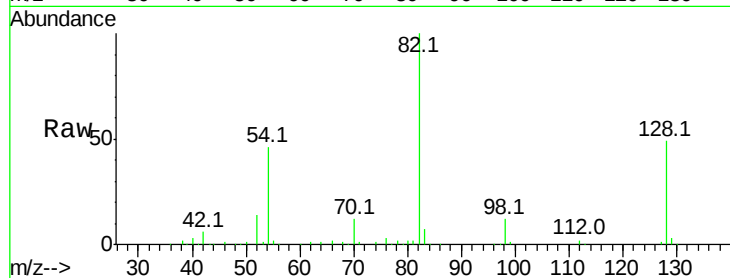
Tot Ion: 82 Resp: 472124

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

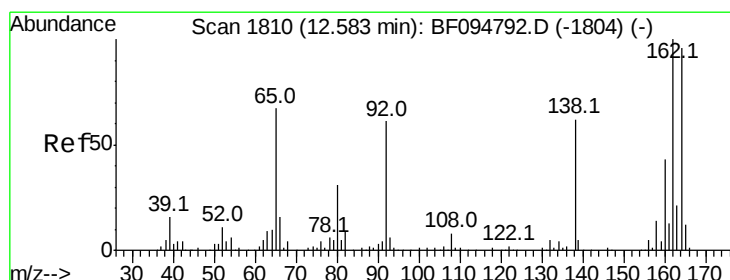
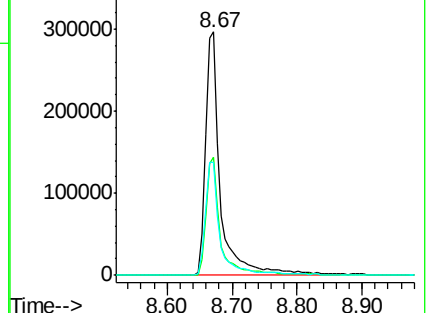
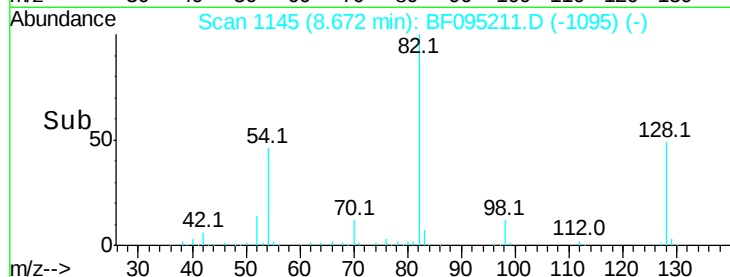
54 46.3 42.2 63.2



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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

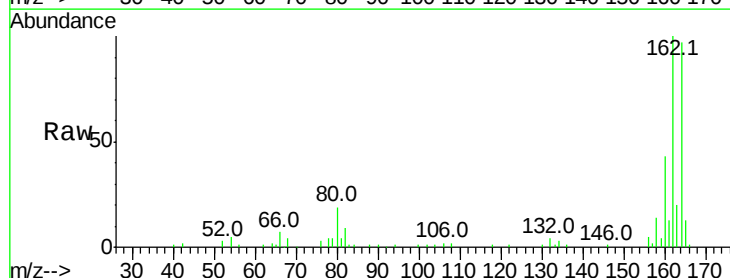
Tgt Ion: 164 Resp: 126201

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

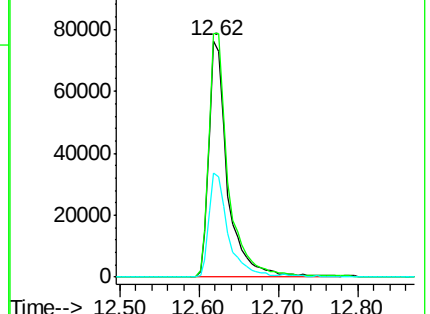
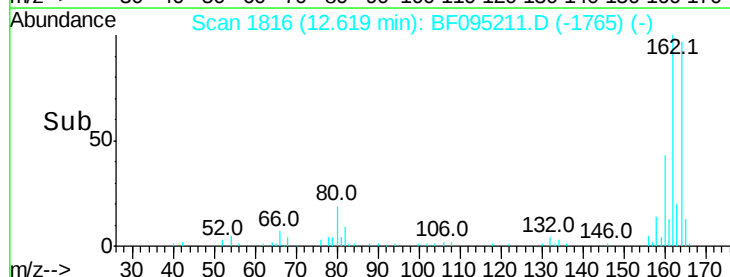
160 43.9 36.2 54.2

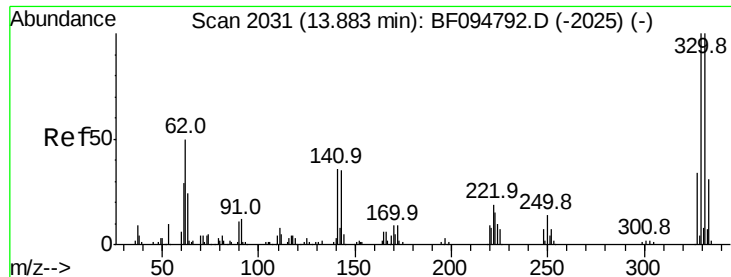


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

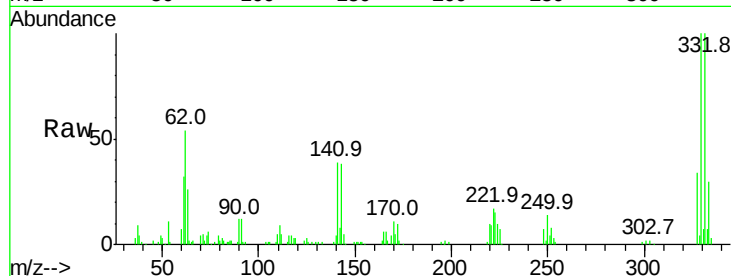




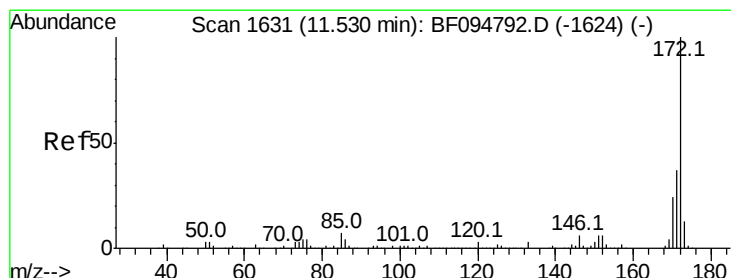
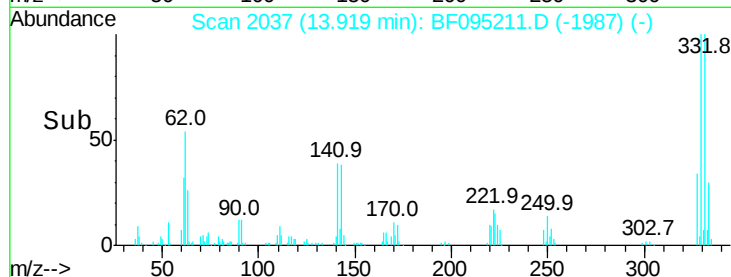
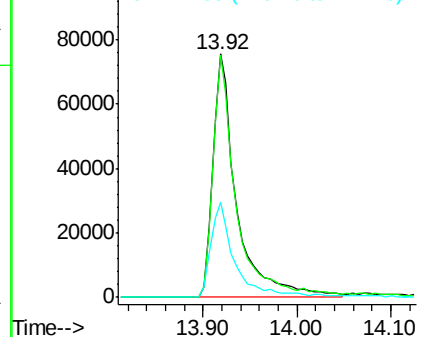
#41
 2,4,6-Tribromophenol
 Concen: 129.73 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF095211.D
 Acq: 18 May 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 134085
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 38.7 31.4 47.2

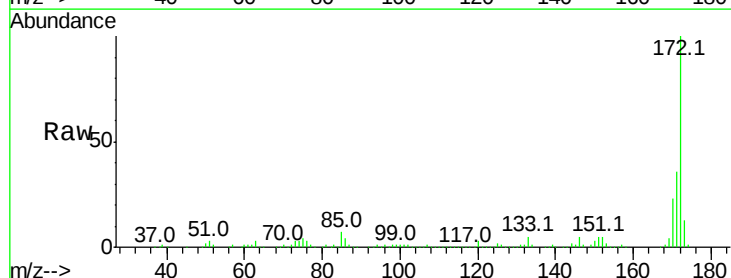


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

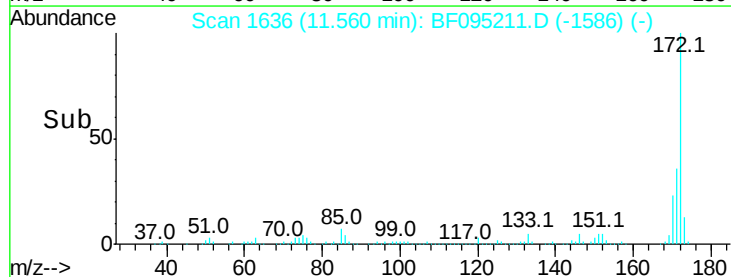
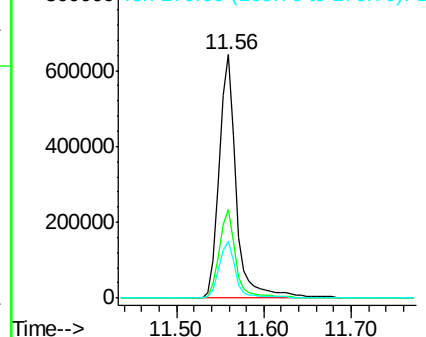


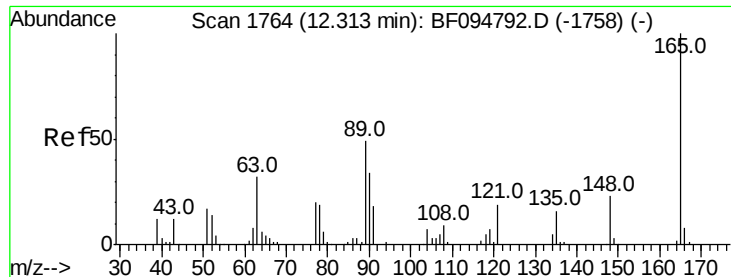
#44
 2-Fluorobiphenyl
 Concen: 100.12 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095211.D
 Acq: 18 May 2017 7:02

Tgt Ion:172 Resp: 877839
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.2 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

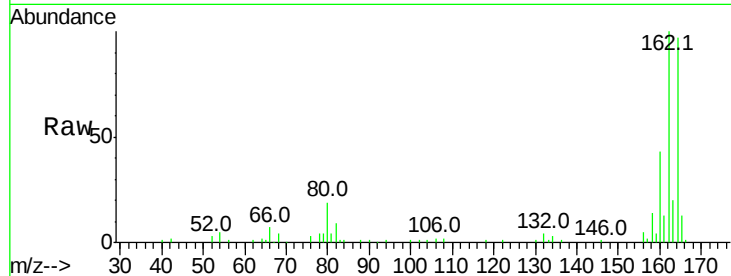




#50
 2,6-Dinitrotoluene
 Concen: 6.19 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095211.D
 Acq: 18 May 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

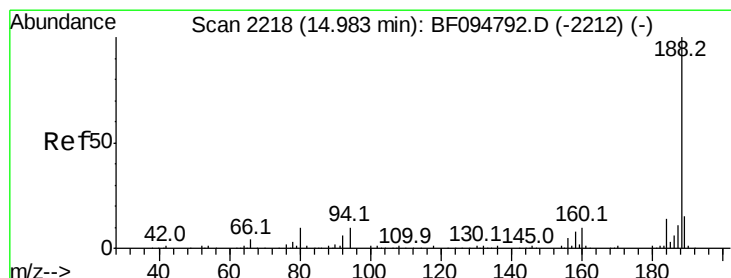
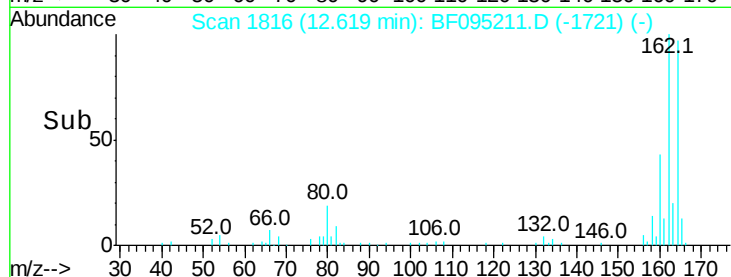
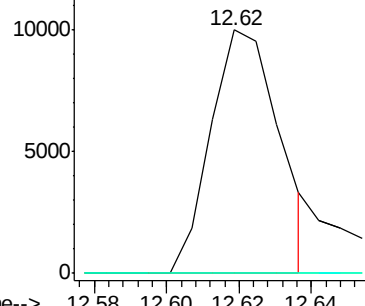
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

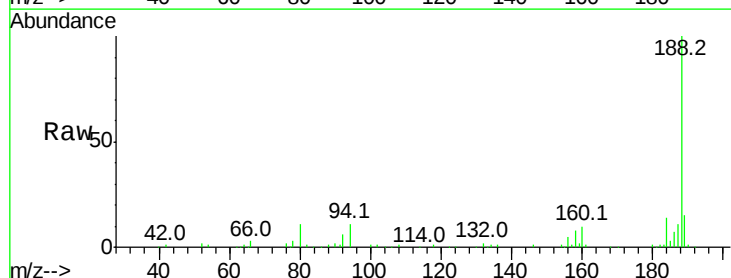
Ion 63.00 (62.70 to 63.70): BF0

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. 0.00 min
 Lab File: BF095211.D
 Acq: 18 May 2017 7:02

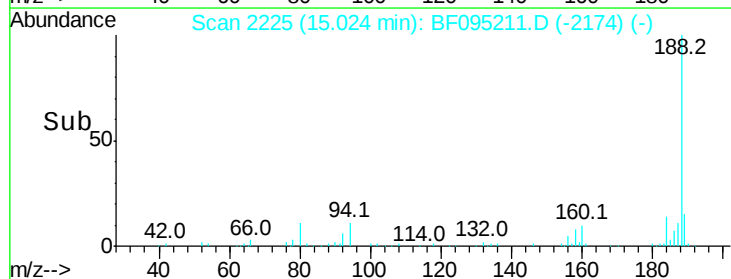
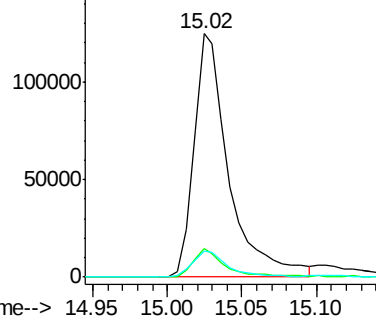
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	10.8	10.2	15.2

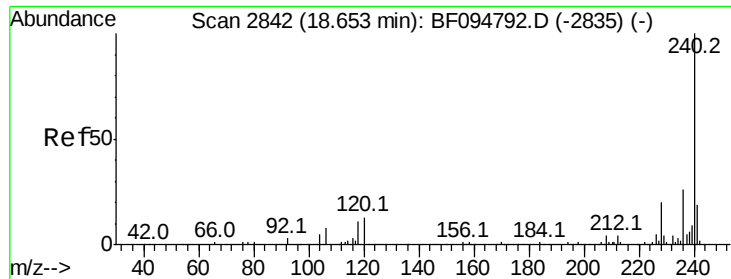


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2849

Delta R.T. 0.00 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

Instrument :

BNA_F

ClientSampled :

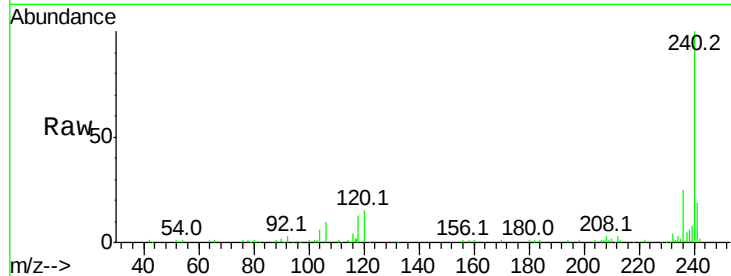
Tot Ion:240 Resp: 175216

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

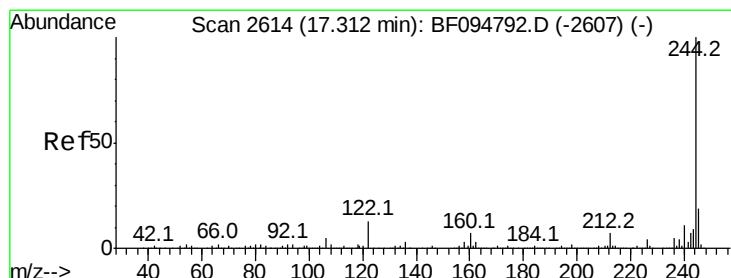
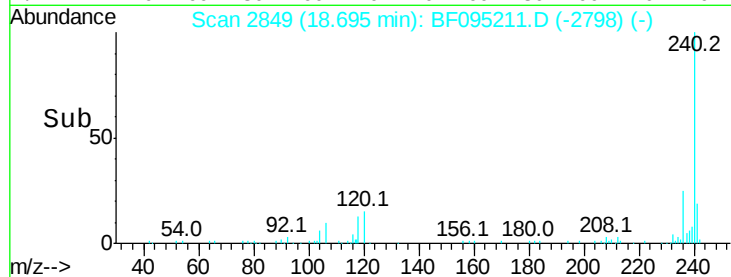
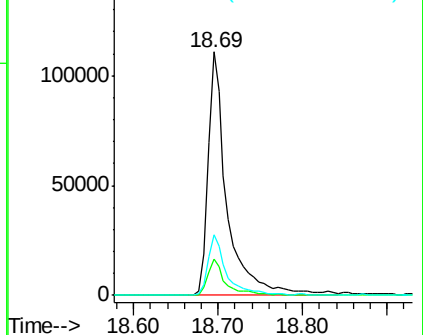
236 25.1 20.5 30.7



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: 78.79 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095211.D

Acq: 18 May 2017 7:02

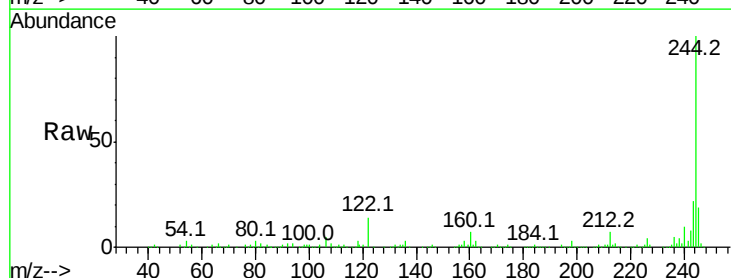
Tgt Ion:244 Resp: 626766

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

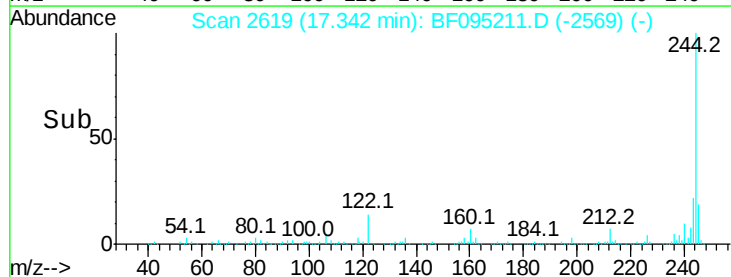
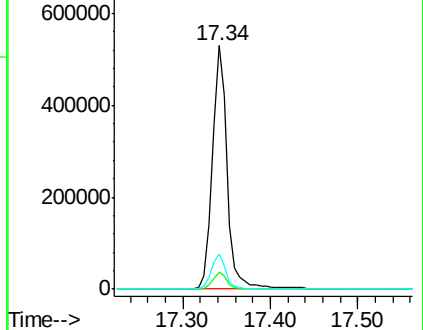
122 14.4 10.3 15.5

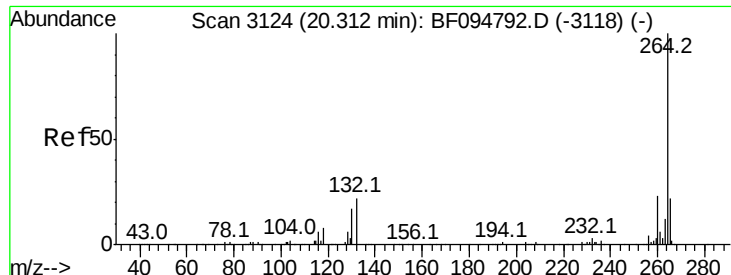


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

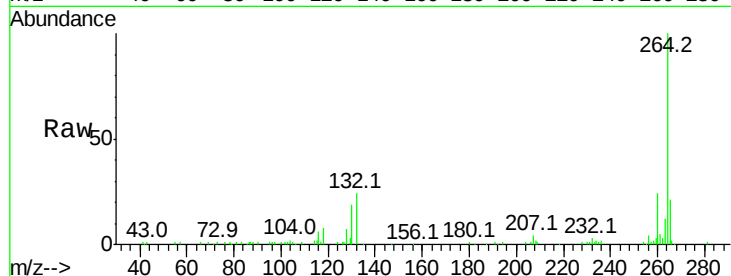




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BF095211.D
 Acq: 18 May 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	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

