

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095238.D
 Acq On : 18 May 2017 23:40
 Operator : SJ/MA
 Sample : I3187-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:07:14 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

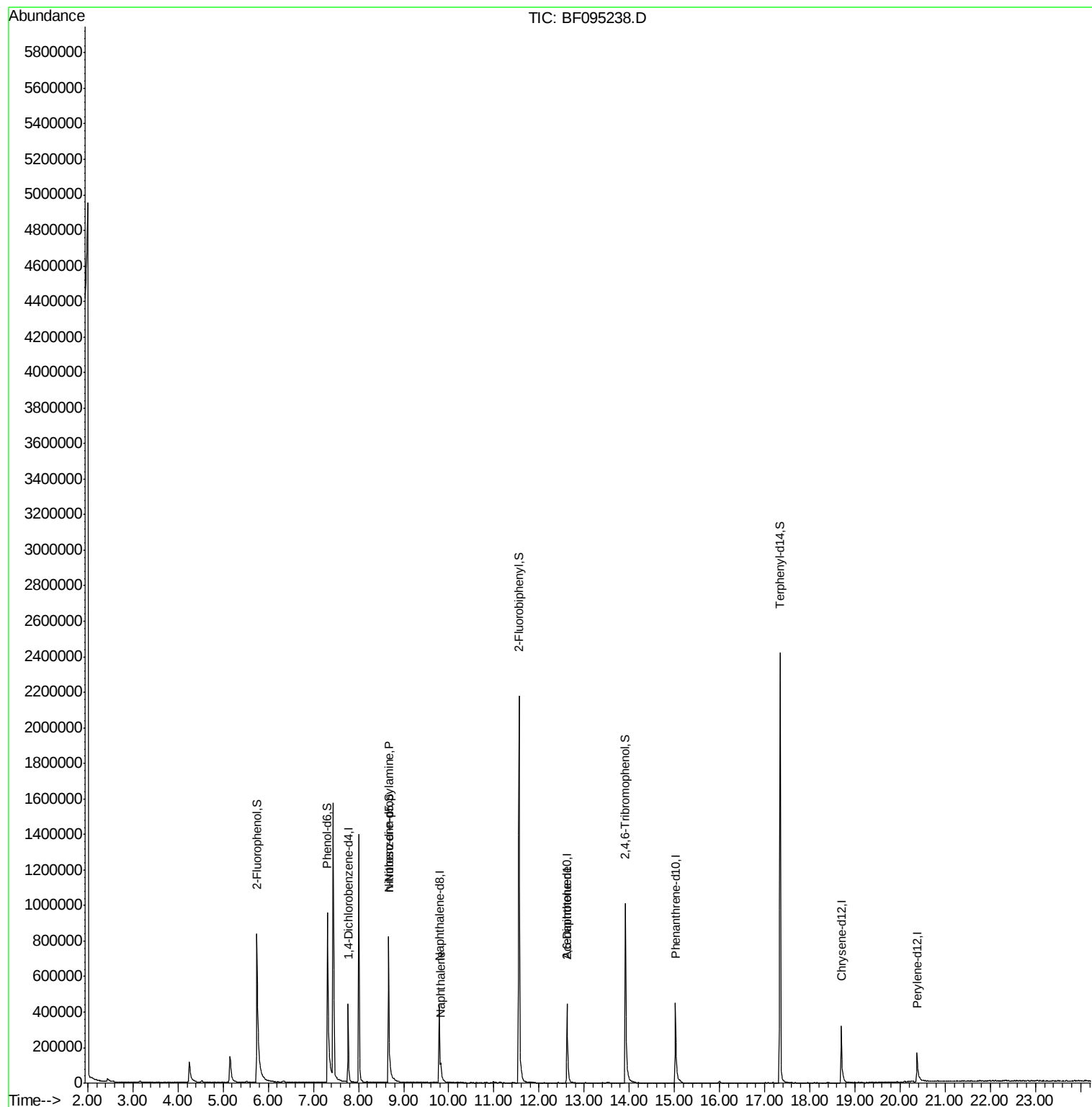
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100076	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	402352	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	172793	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	312087	20.00	ng	0.00
75) Chrysene-d12	18.69	240	224015	20.00	ng	0.00
86) Perylene-d12	20.38	264	115909	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	669220	111.49	ng	0.01
7) Phenol-d6	7.31	99	779125	108.18	ng	0.00
23) Nitrobenzene-d5	8.67	82	481179	75.41	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220841	156.06	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1172625	97.68	ng	0.00
78) Terphenyl-d14	17.34	244	1081699	106.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	60558	12.43	ng	# 77
31) Naphthalene	9.82	128	54656	2.70	ng	100
50) 2,6-Dinitrotoluene	12.62	165	18409	6.36	ng	# 31

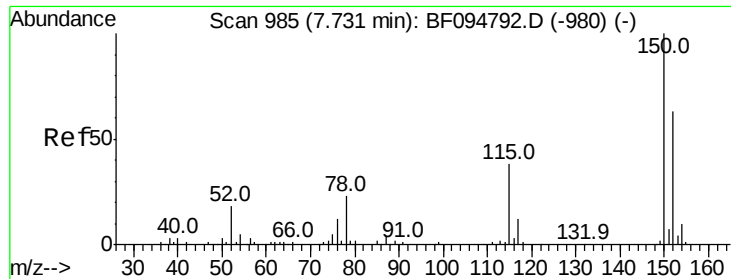
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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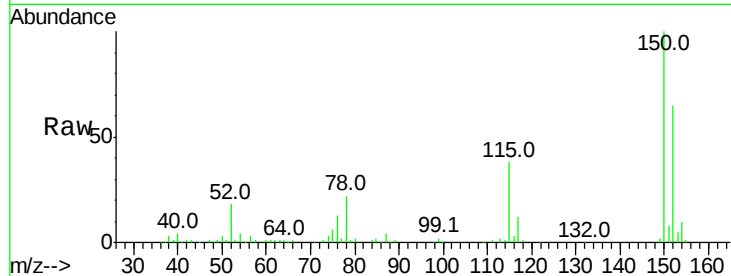


#1

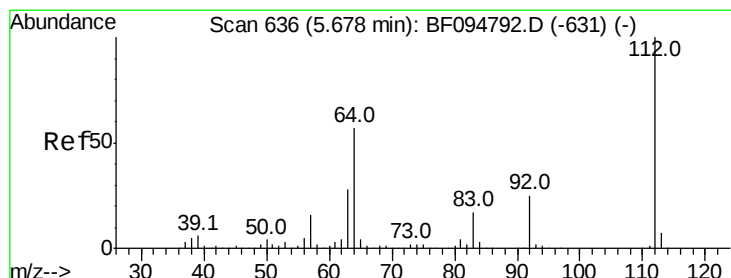
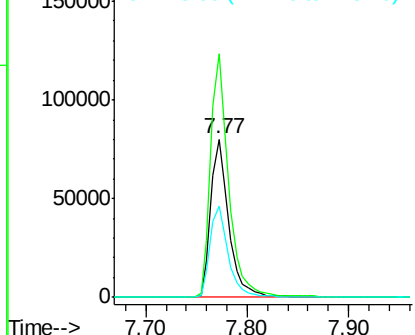
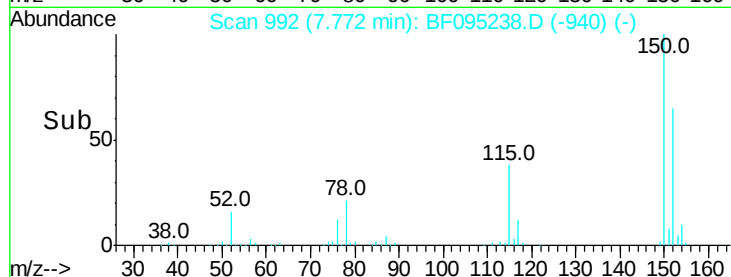
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095238.D
Acq: 18 May 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100076
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 58.0 52.2 78.2



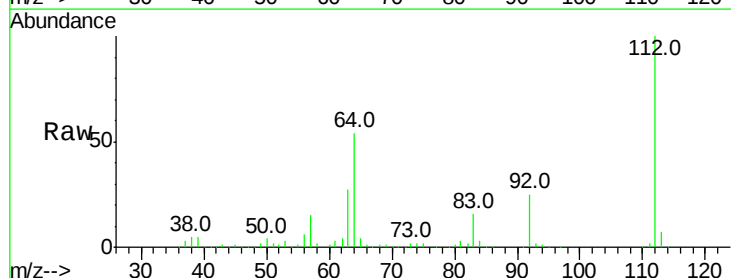
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



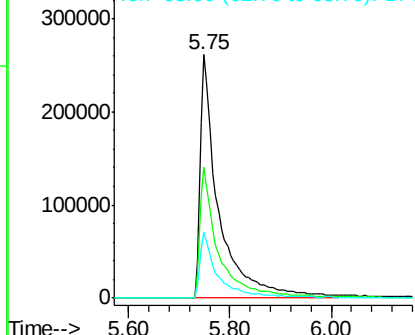
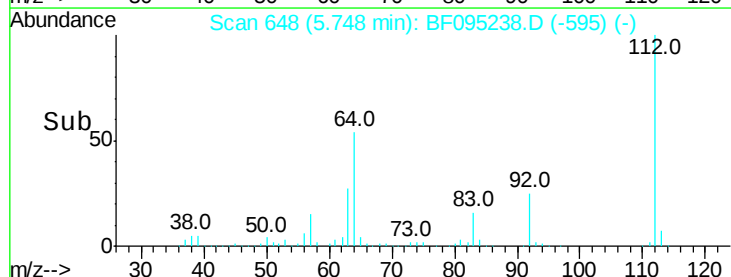
#5

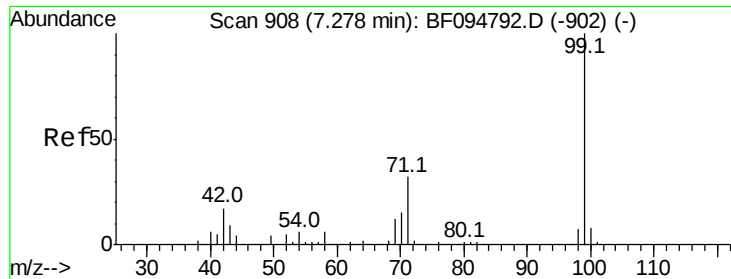
2-Fluorophenol
Concen: 111.49 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095238.D
Acq: 18 May 2017 23:40

Tgt Ion:112 Resp: 669220
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 27.0 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: 108.18 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095238.D

Acq: 18 May 2017 23:40

Instrument :

BNA_F

ClientSampled :

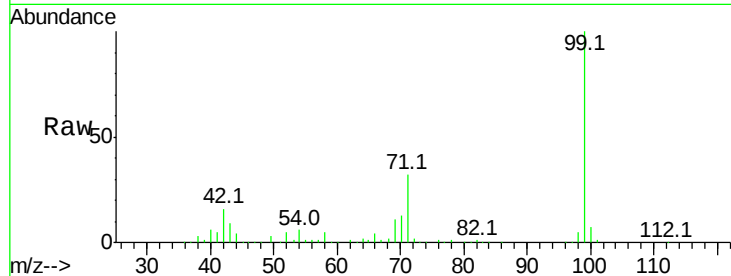
Tot Ion: 99 Resp: 779125

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

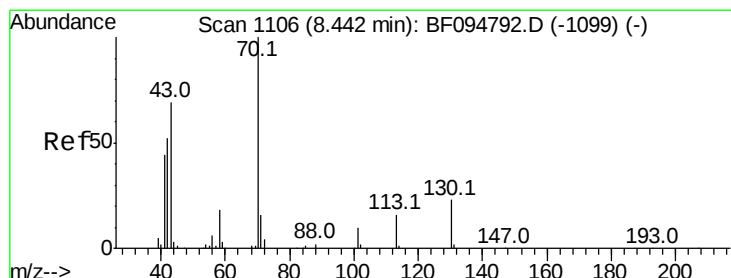
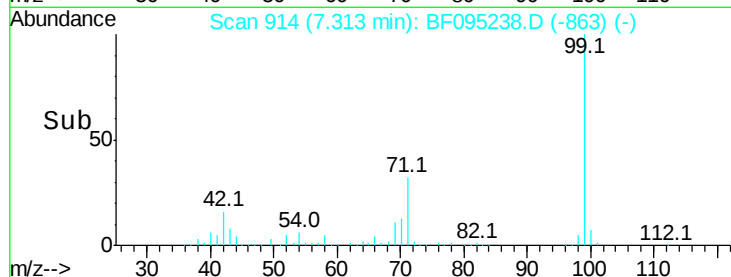
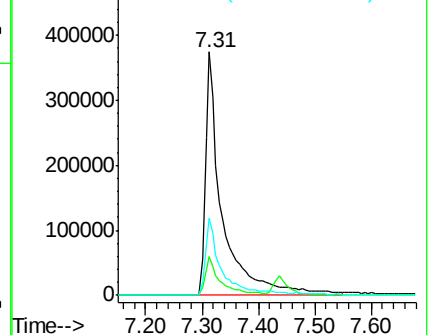
71 31.8 24.5 36.7



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: 12.43 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095238.D

Acq: 18 May 2017 23:40

Tgt Ion: 70 Resp: 60558

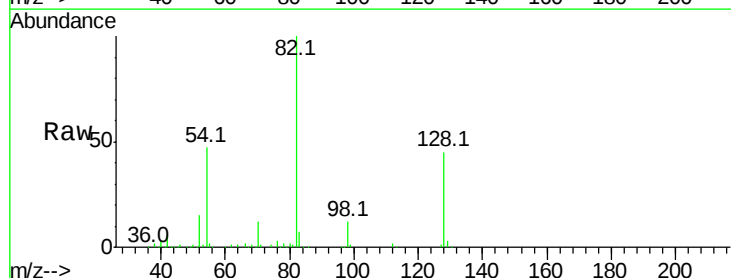
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 3.4 15.9 23.9#

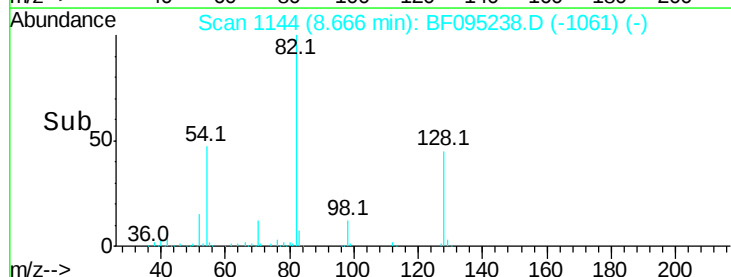
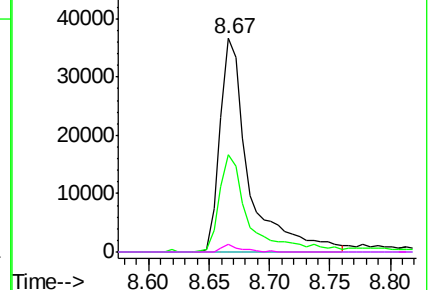


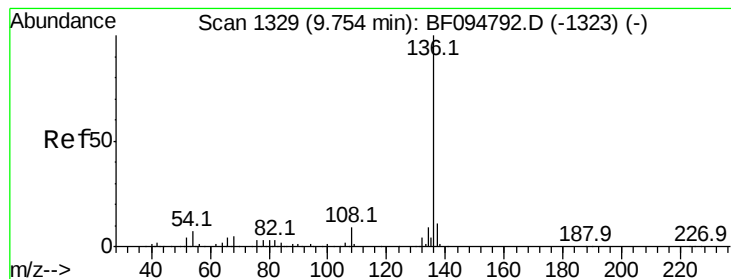
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. 0.01 min

Lab File: BF095238.D

Acq: 18 May 2017 23:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402352

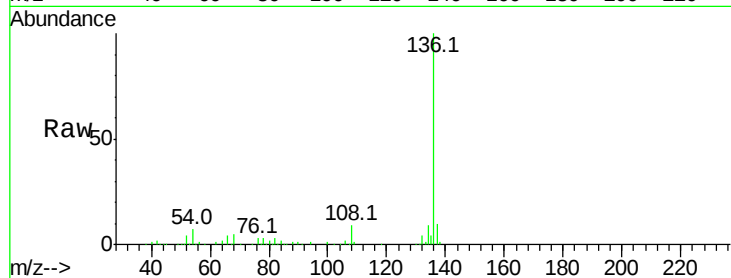
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

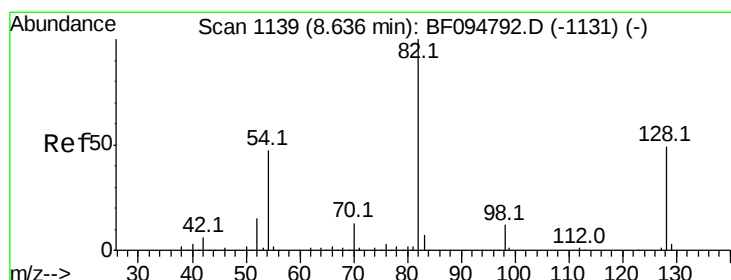
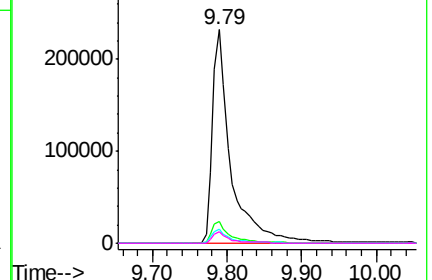
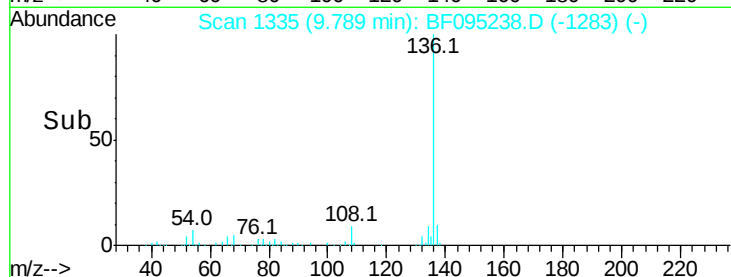


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.41 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095238.D

Acq: 18 May 2017 23:40

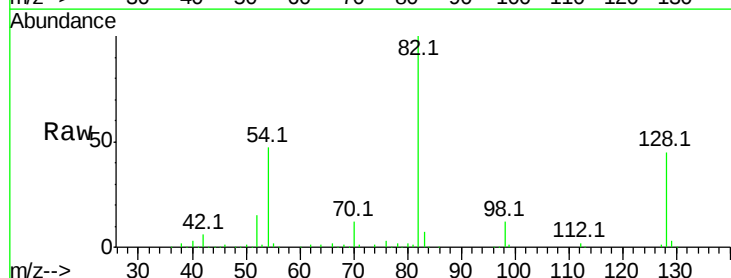
Tgt Ion: 82 Resp: 481179

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

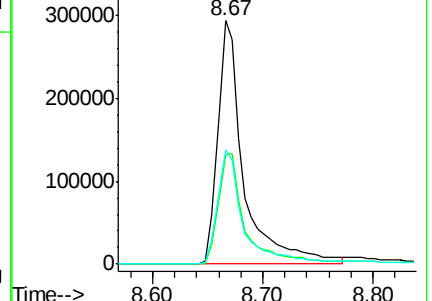
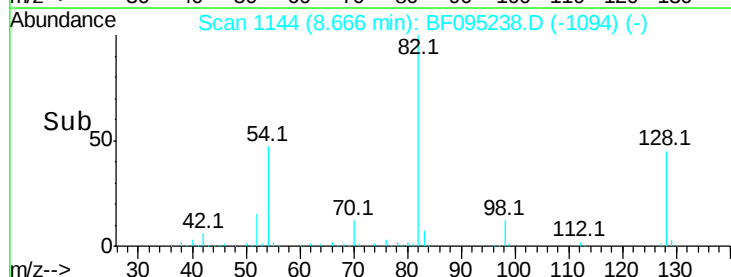
54 46.7 42.2 63.2

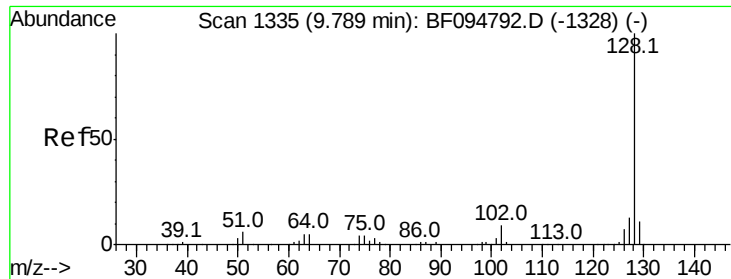


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

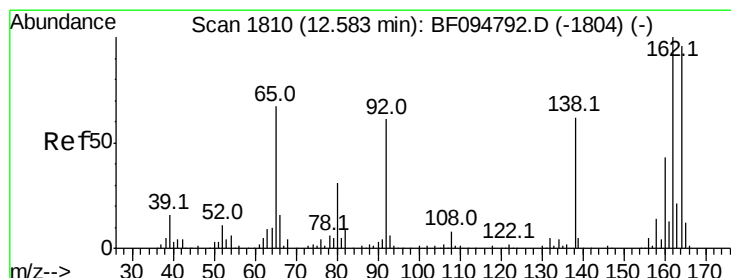
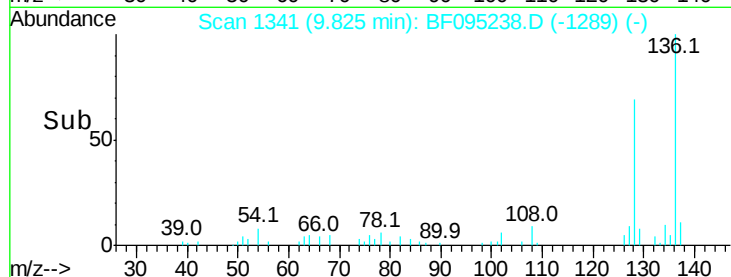
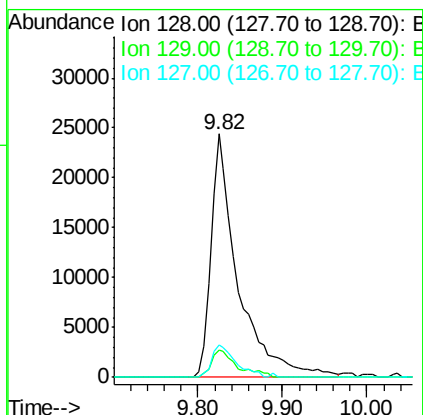
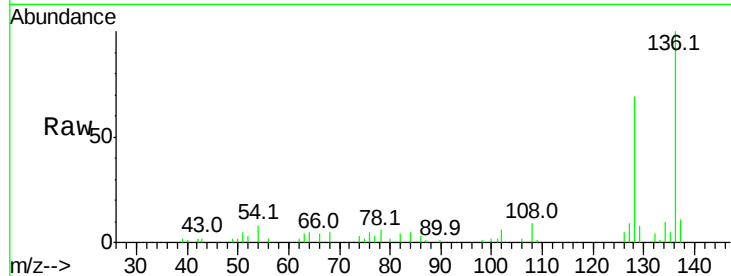




#31
Naphthalene
Concen: 2.70 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF095238.D
Acq: 18 May 2017 23:40

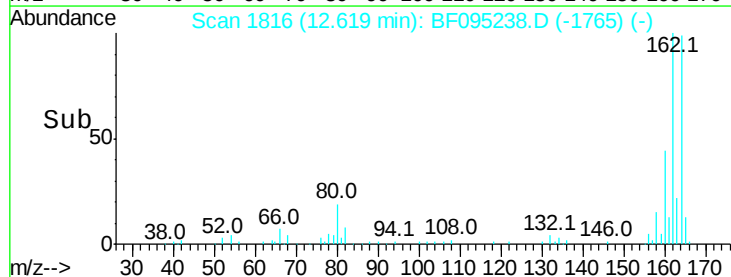
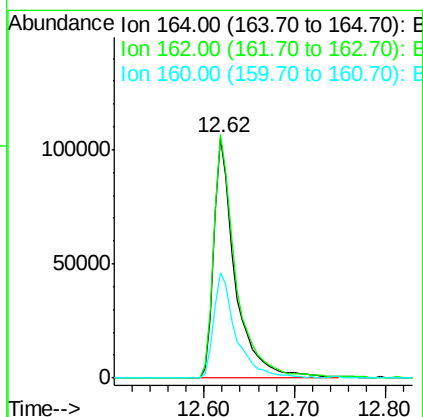
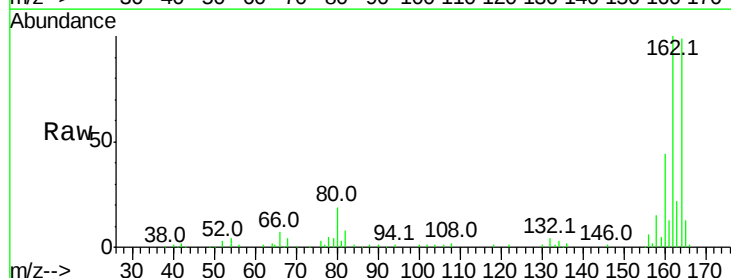
Instrument :
BNA_F
ClientSampleId :

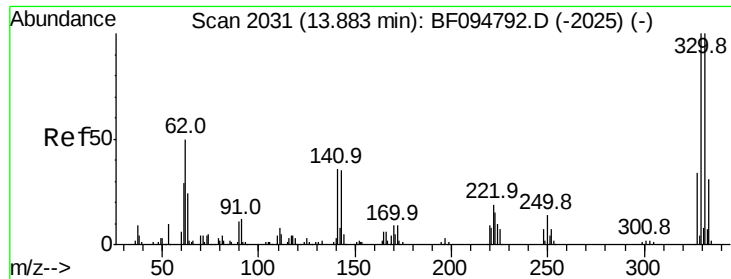
Tot Ion:128 Resp: 54656
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095238.D
Acq: 18 May 2017 23:40

Tgt Ion:164 Resp: 172793
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 44.1 36.2 54.2

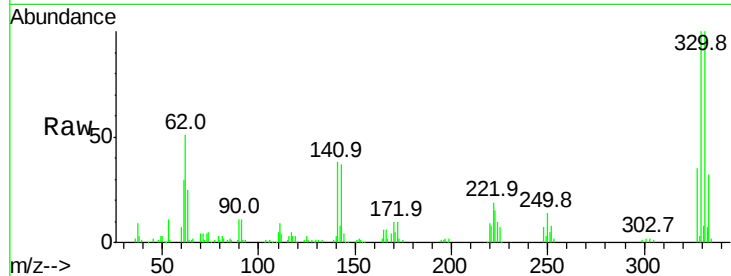




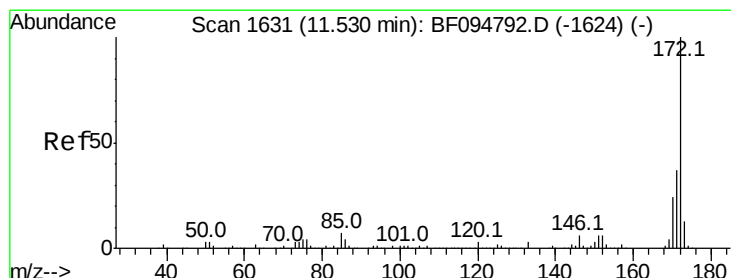
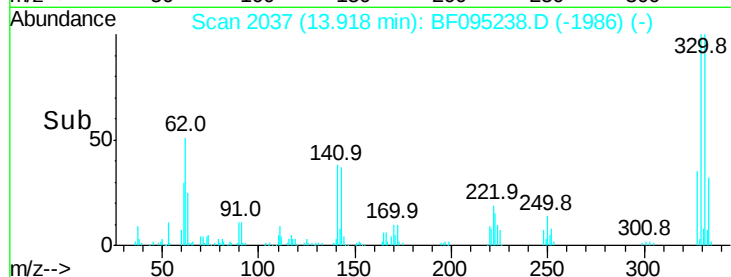
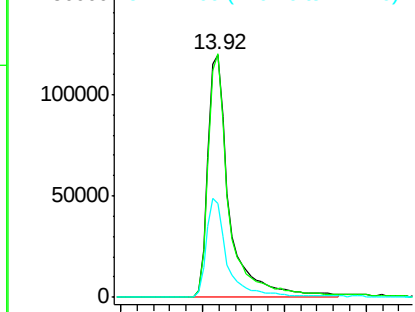
#41
 2,4,6-Tribromophenol
 Concen: 156.06 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095238.D
 Acq: 18 May 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 220841
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.3 31.4 47.2

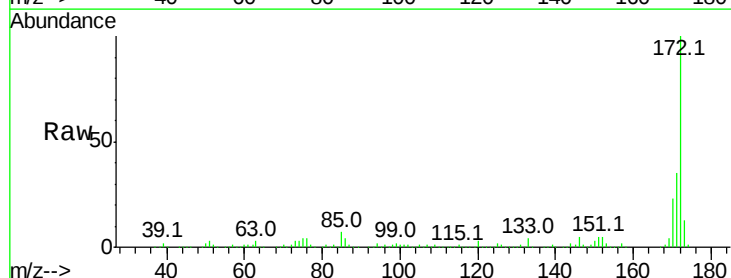


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

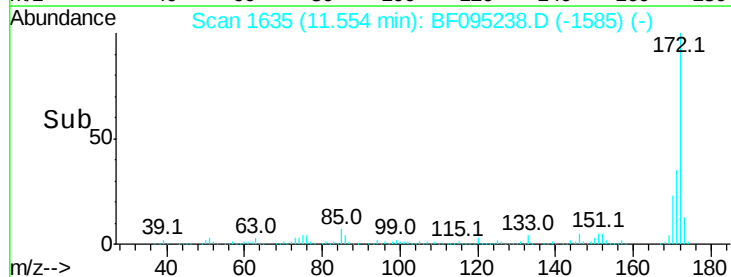
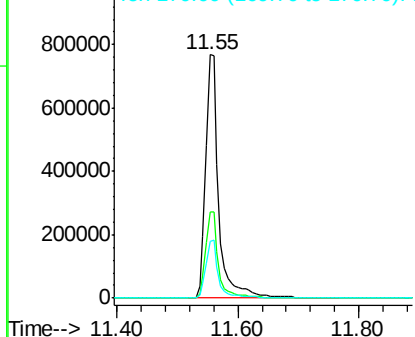


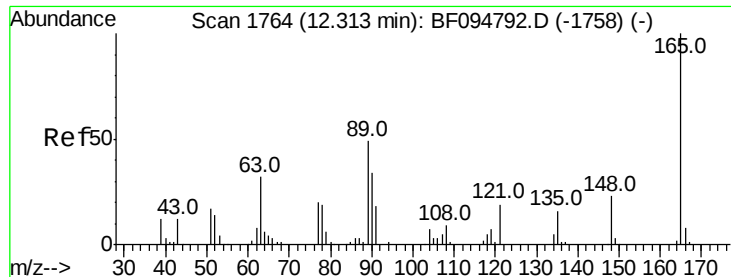
#44
 2-Fluorobiphenyl
 Concen: 97.68 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095238.D
 Acq: 18 May 2017 23:40

Tgt Ion:172 Resp: 1172625
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

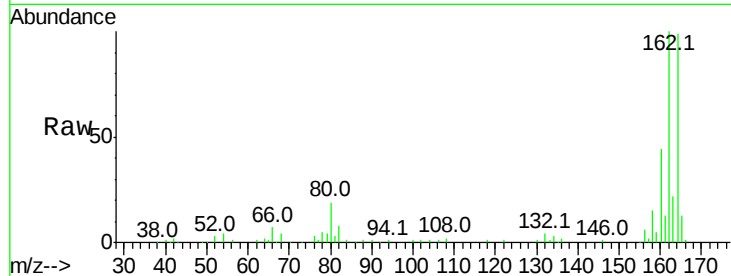




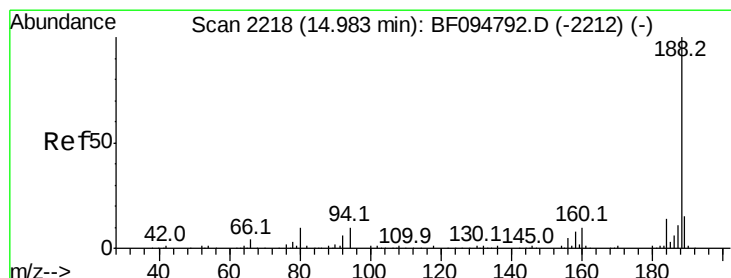
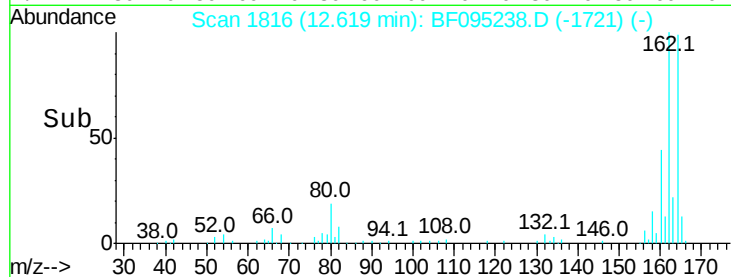
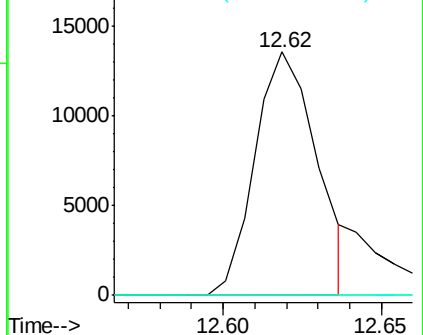
#50
 2,6-Dinitrotoluene
 Concen: 6.36 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095238.D
 Acq: 18 May 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18409
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

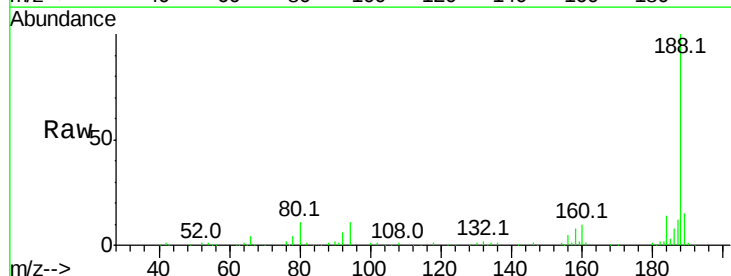


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

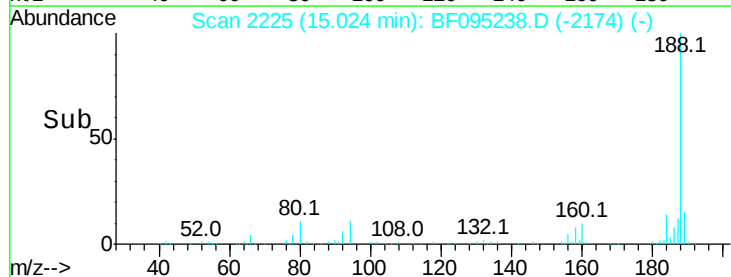
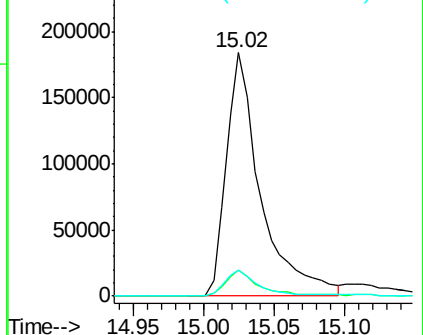


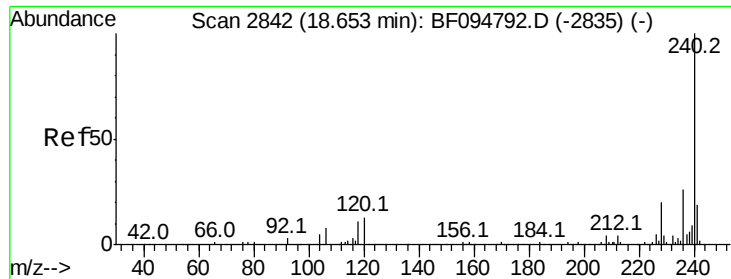
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095238.D
 Acq: 18 May 2017 23:40

Tgt Ion:188 Resp: 312087
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 10.9 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: BF095238.D

Acq: 18 May 2017 23:40

Instrument :

BNA_F

ClientSampleId :

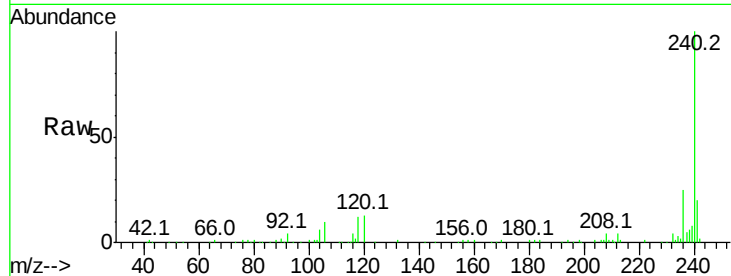
Tot Ion:240 Resp: 224015

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

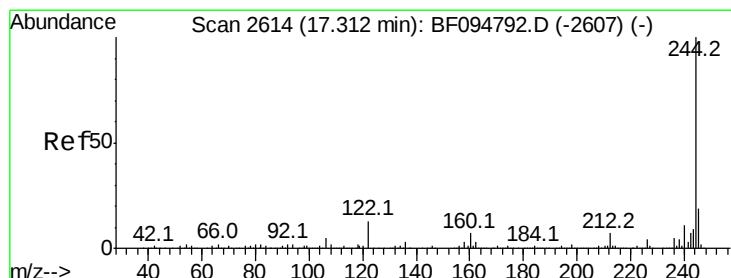
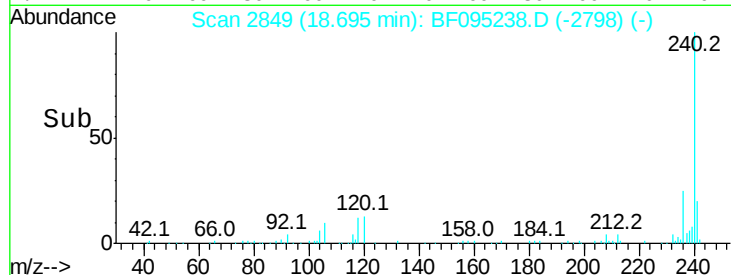
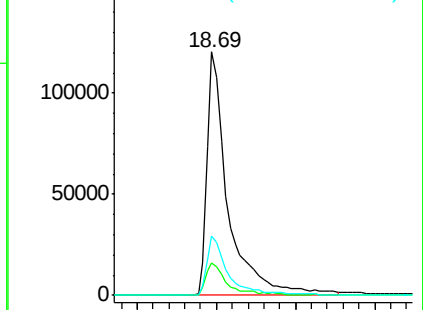
236 24.5 20.5 30.7



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: 106.35 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095238.D

Acq: 18 May 2017 23:40

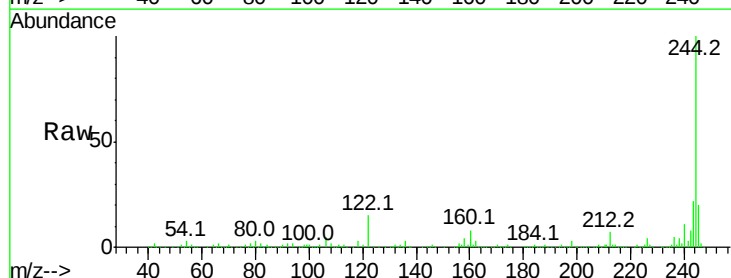
Tgt Ion:244 Resp: 1081699

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

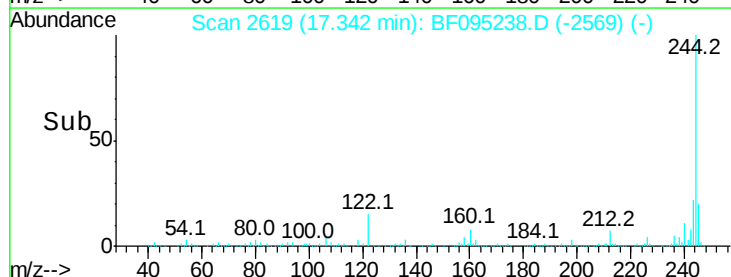
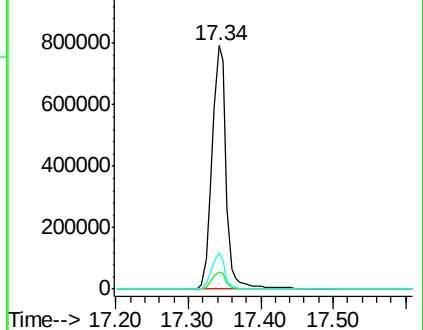
122 14.7 10.3 15.5

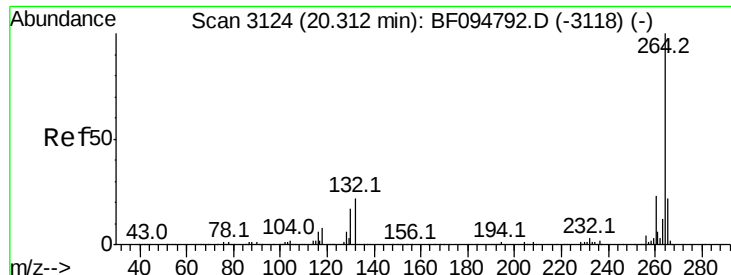


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

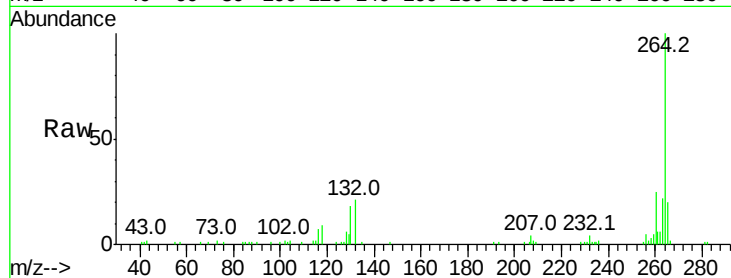




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095238.D
 Acq: 18 May 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	20.5	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

