

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095115.D
 Acq On : 12 May 2017 16:53
 Operator : SJ/MA
 Sample : I3098-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: May 12 18:20:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

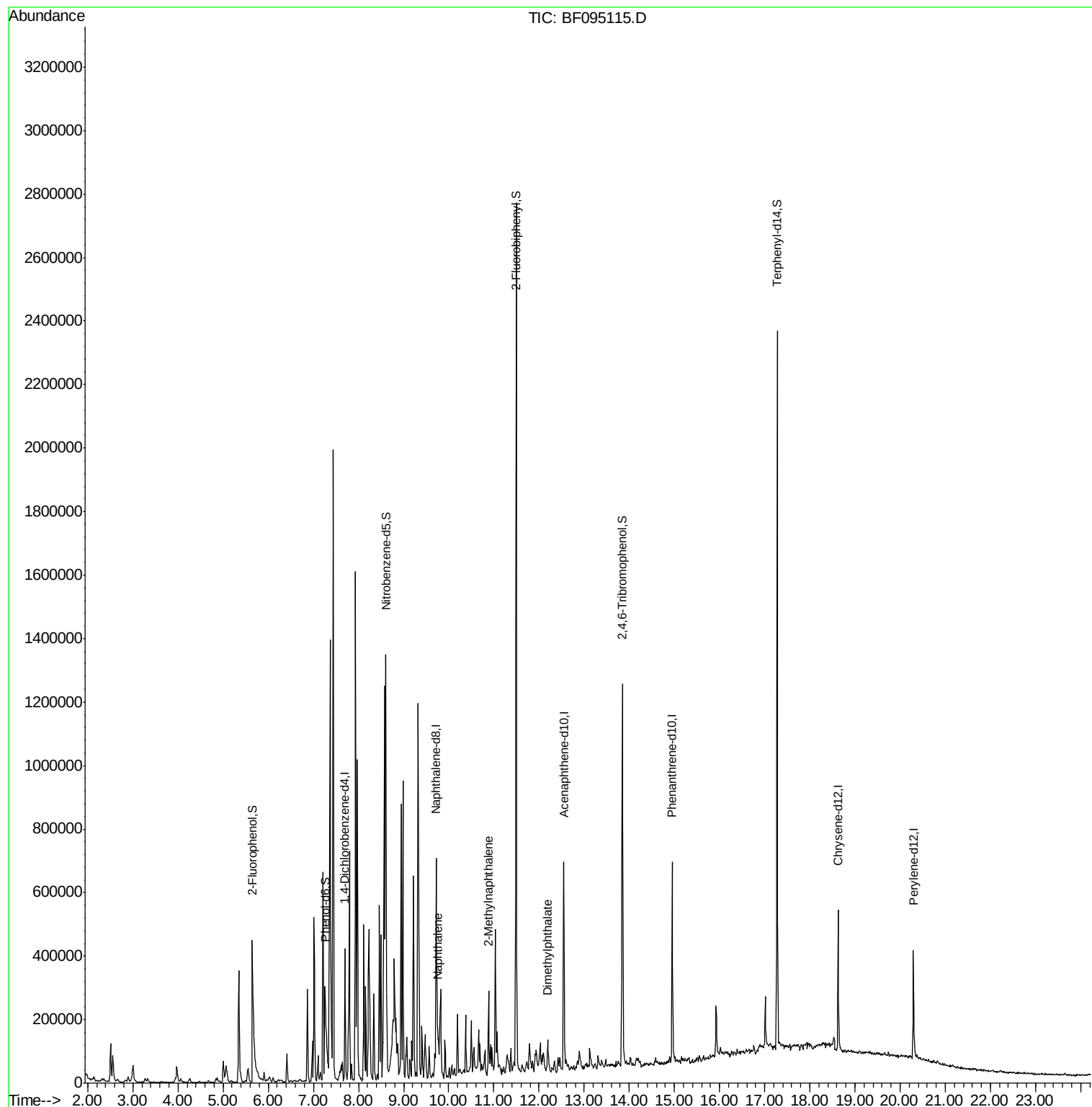
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	89480	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	369569	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	185081	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	320872	20.00	ng	0.00
75) Chrysene-d12	18.62	240	204510	20.00	ng	0.00
86) Perylene-d12	20.29	264	160916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	370516	69.04	ng	0.00
7) Phenol-d6	7.26	99	275769	42.82	ng	0.01
23) Nitrobenzene-d5	8.61	82	544996	92.99	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	195695	129.11	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1162977	90.44	ng	0.00
78) Terphenyl-d14	17.28	244	866969	93.37	ng	0.00
Target Compounds						
31) Naphthalene	9.75	128	86896	4.68	ng	# 97
37) 2-Methylnaphthalene	10.88	142	93111	7.64	ng	# 97
49) Dimethylphthalate	12.19	163	43836	2.89	ng	# 93

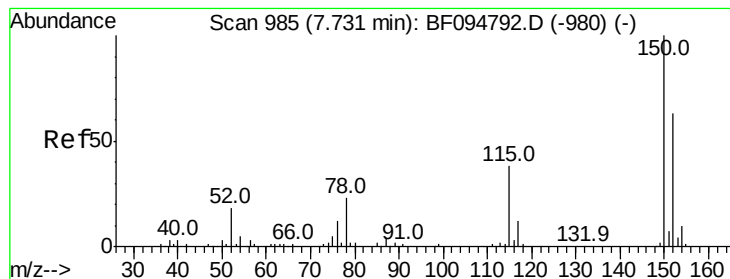
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

MW-2

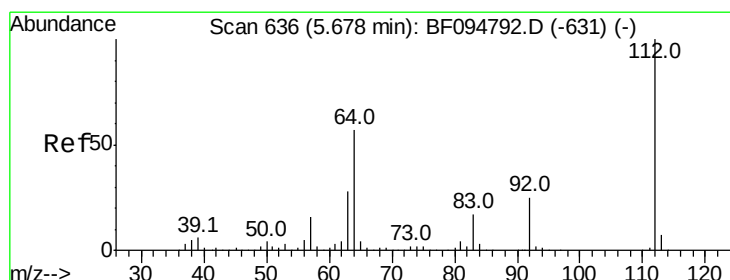
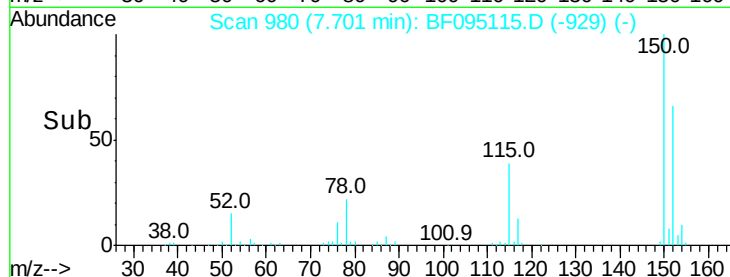
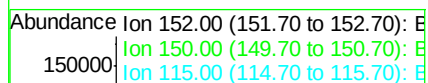
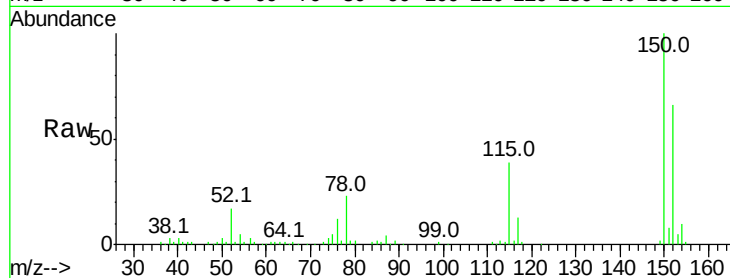
Tot Ion:152 Resp: 89480

Ion Ratio Lower Upper

152 100

150 151.9 126.2 189.2

115 59.2 52.2 78.2



#5

2-Fluorophenol

Concen: 69.04 ng

RT: 5.65 min Scan# 631

Delta R.T. 0.01 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

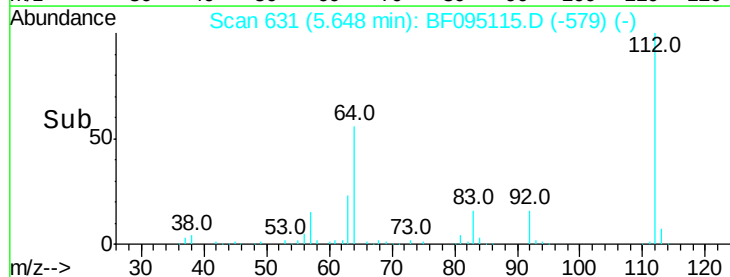
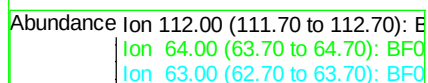
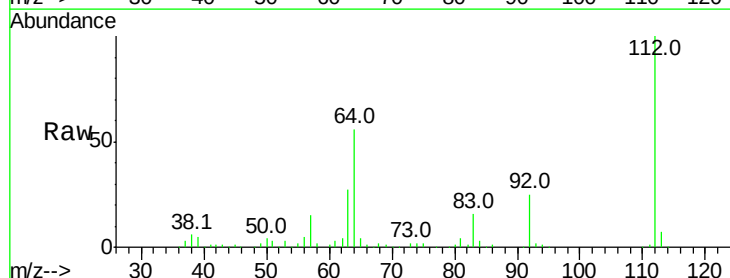
Tgt Ion:112 Resp: 370516

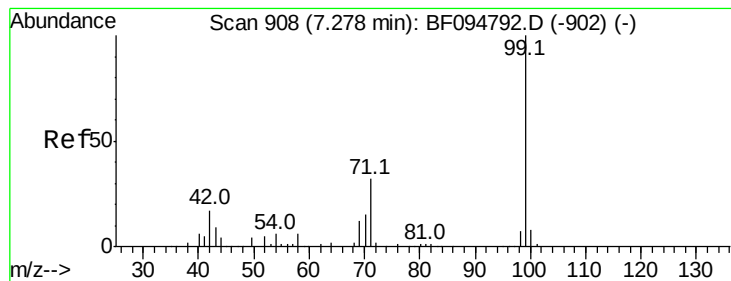
Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

63 27.2 23.4 35.0





#7

Phenol-d6

Concen: 42.82 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

Instrument :

BNA_F

ClientSampled :

MW-2

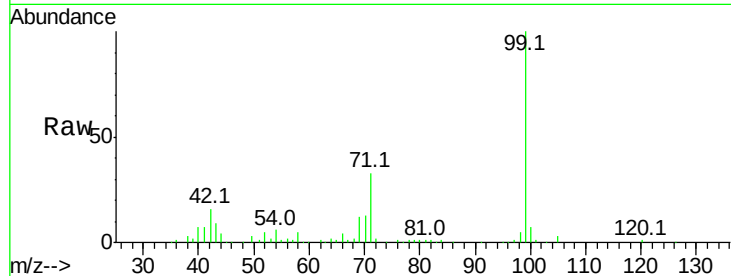
Tot Ion: 99 Resp: 275769

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

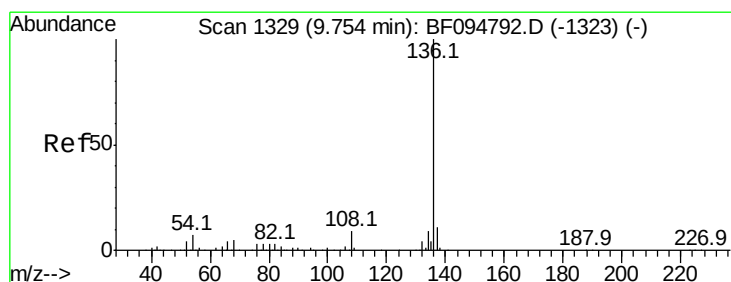
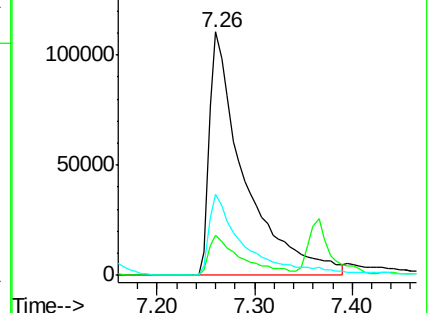
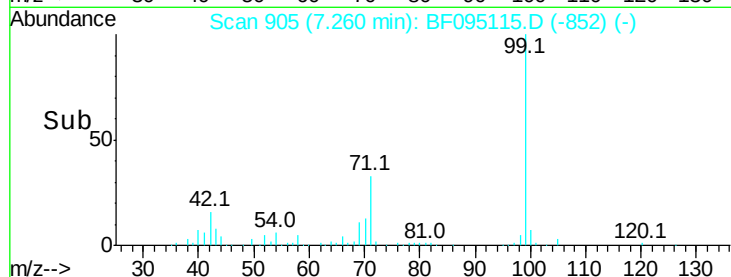
71 33.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

Tgt Ion: 136 Resp: 369569

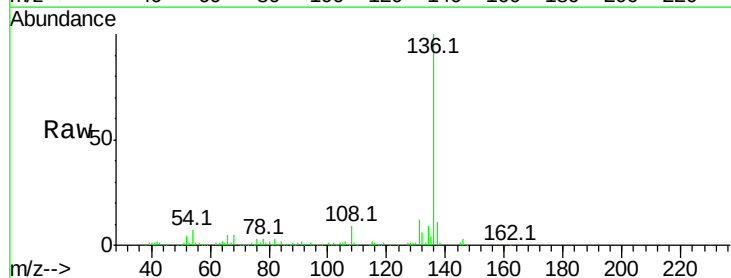
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1

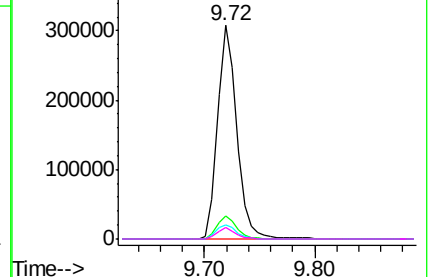
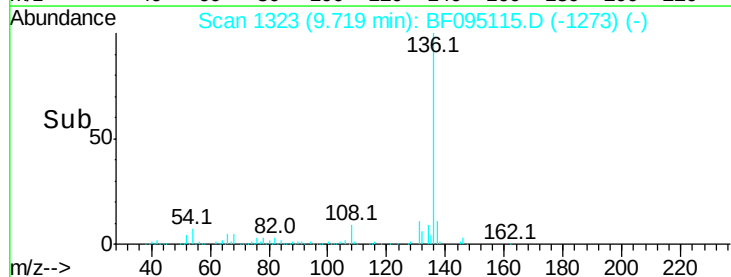


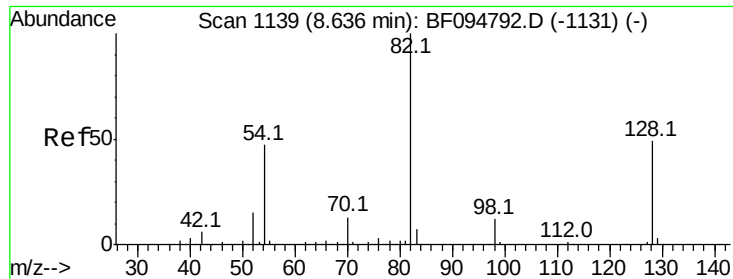
Abundance Ion 136.00 (135.70 to 136.70): E

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

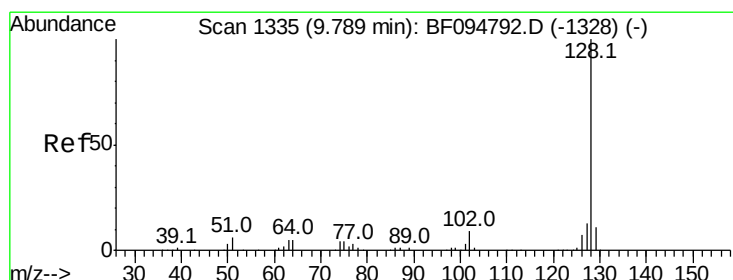
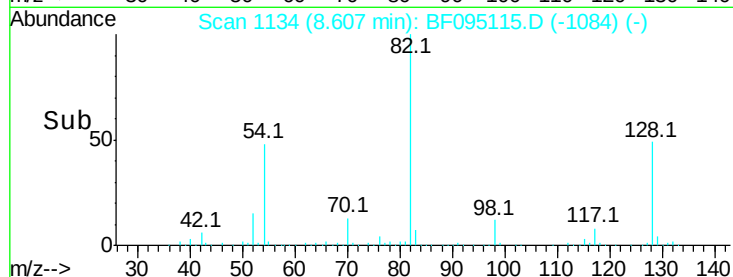
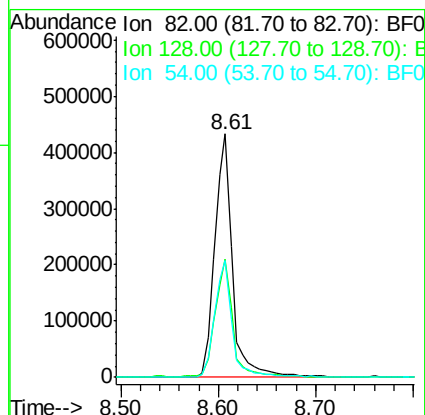
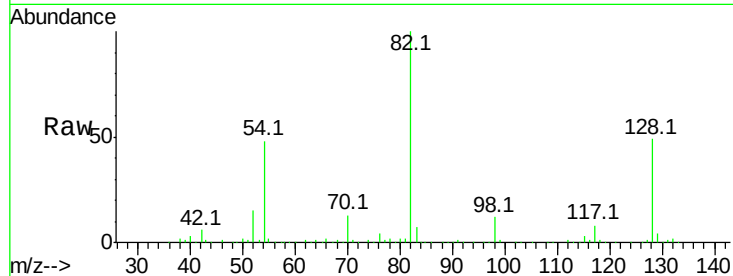




#23
Nitrobenzene-d5
Concen: 92.99 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

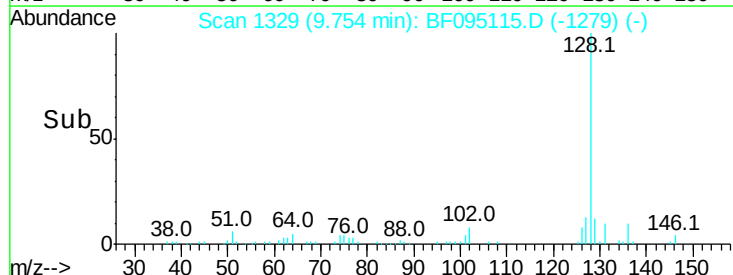
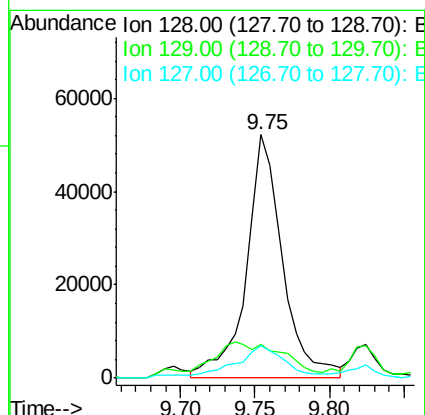
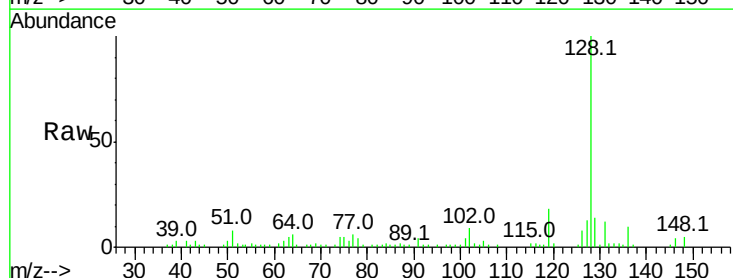
Instrument :
BNA_F
ClientSampled :
MW-2

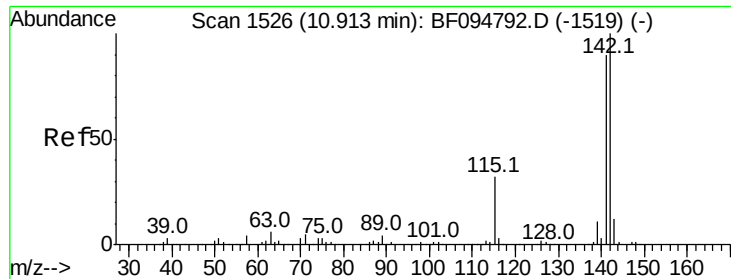
Tot Ion: 82 Resp: 544996
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 47.9 42.2 63.2



#31
Naphthalene
Concen: 4.68 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

Tgt Ion: 128 Resp: 86896
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.6#
127 13.1 10.8 16.2

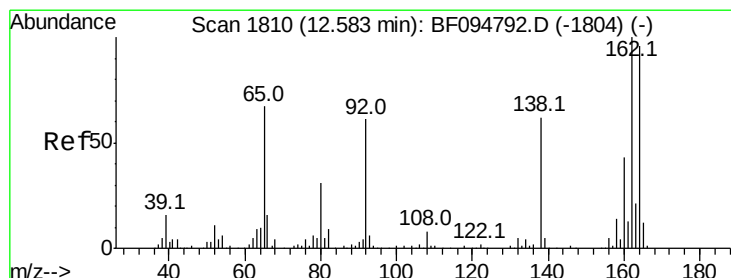
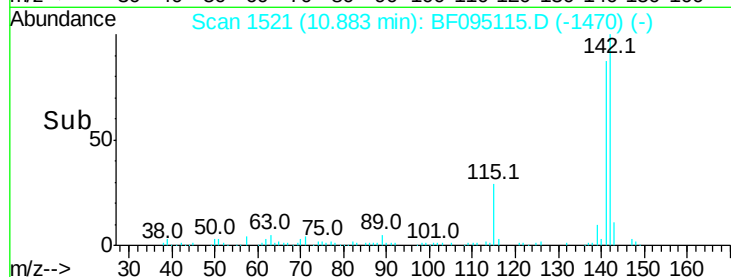
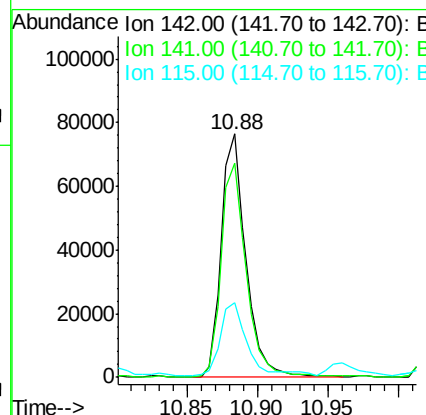
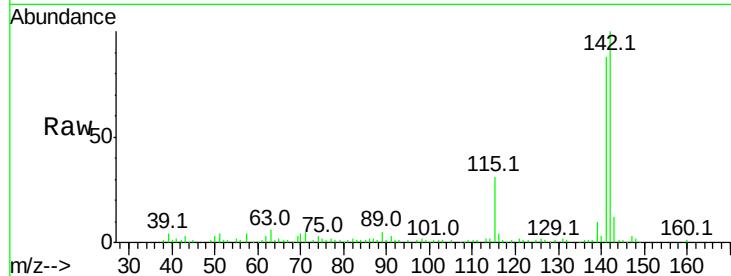




#37
2-Methylnaphthalene
Concen: 7.64 ng
RT: 10.88 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

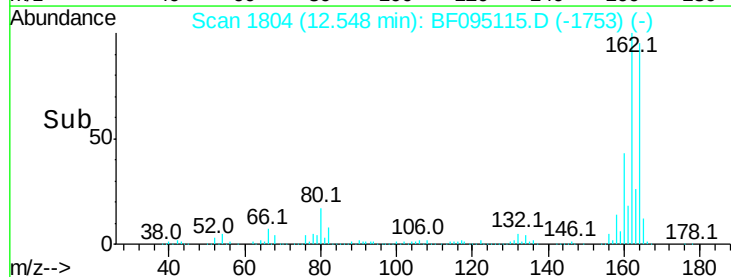
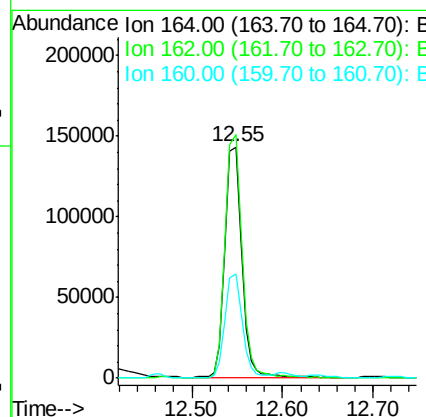
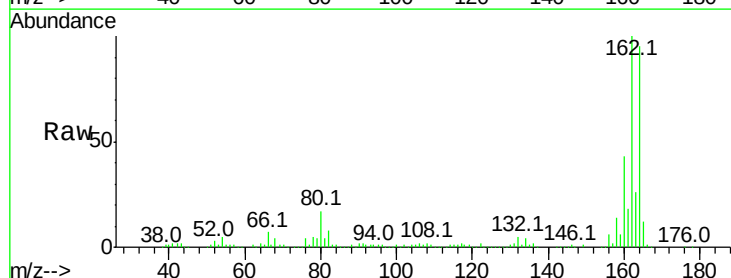
Instrument :
BNA_F
ClientSampled :
MW-2

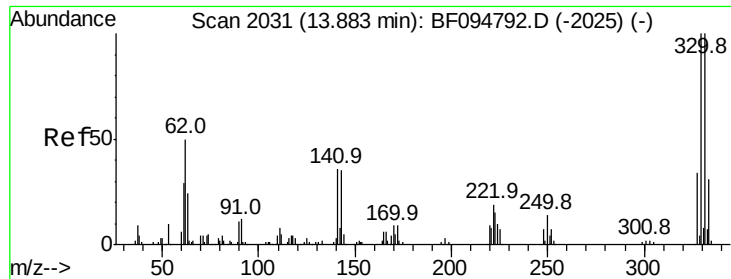
Tot Ion:142 Resp: 93111
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9
115 30.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

Tgt Ion:164 Resp: 185081
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.9 36.2 54.2

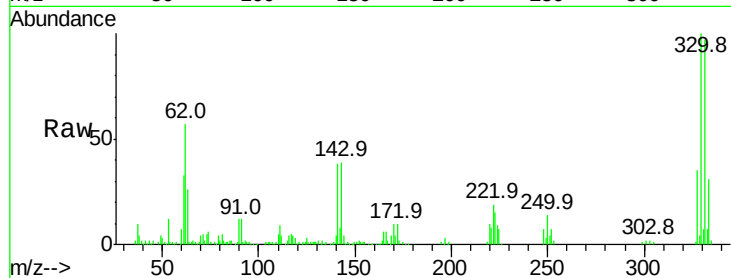




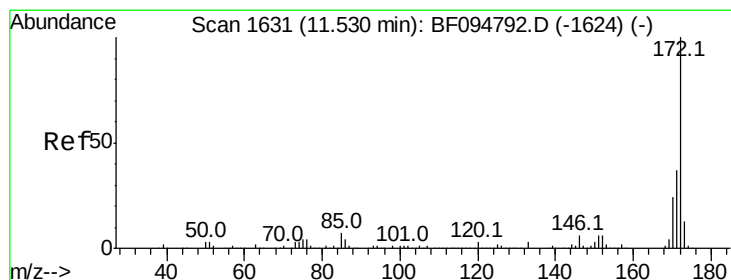
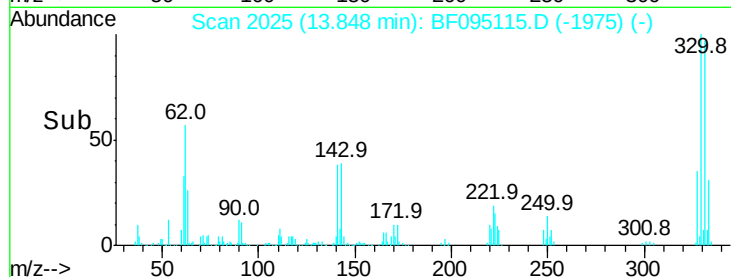
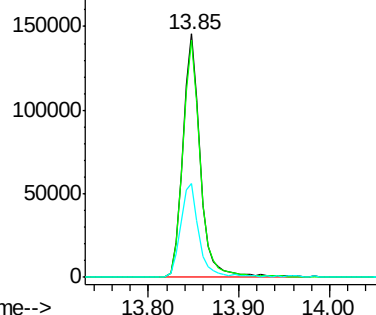
#41
 2,4,6-Tribromophenol
 Concen: 129.11 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095115.D
 Acq: 12 May 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:330 Resp: 195695
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.9 31.4 47.2

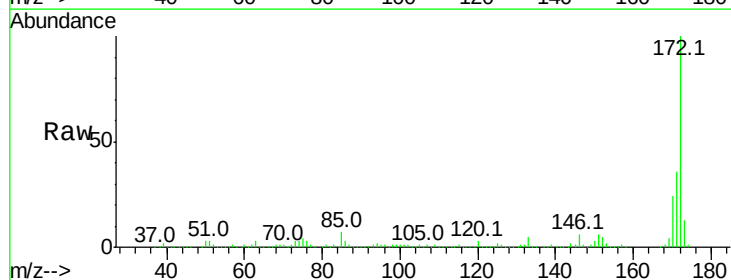


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

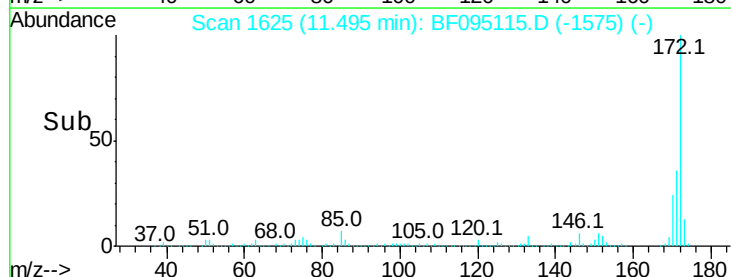
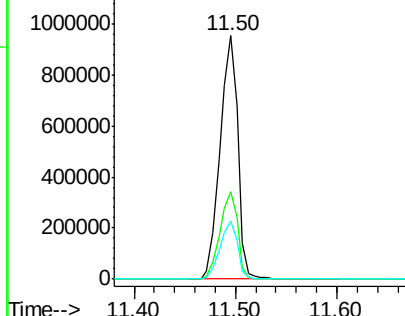


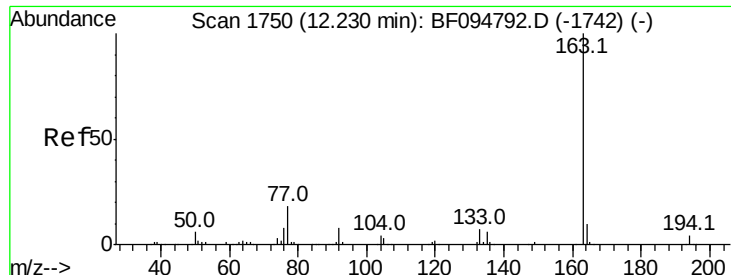
#44
 2-Fluorobiphenyl
 Concen: 90.44 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095115.D
 Acq: 12 May 2017 16:53

Tgt Ion:172 Resp: 1162977
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.6 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

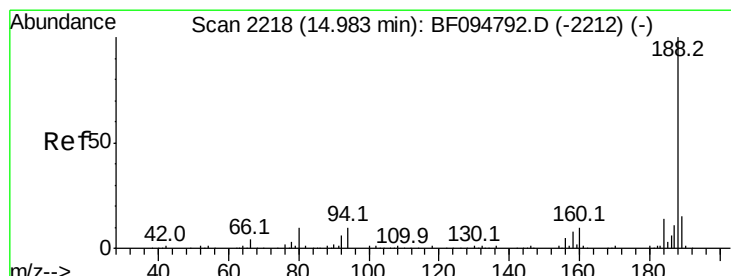
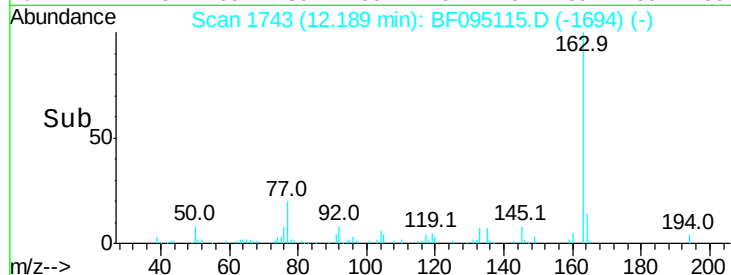
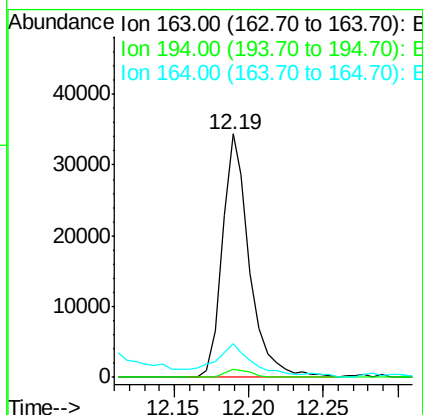
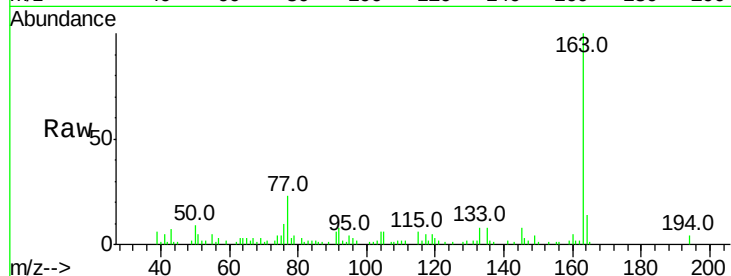




#49
Dimethylphthalate
Concen: 2.89 ng
RT: 12.19 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

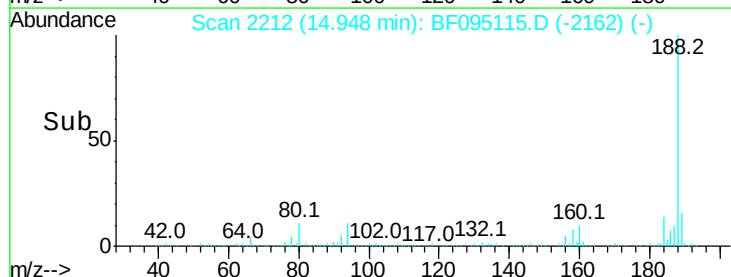
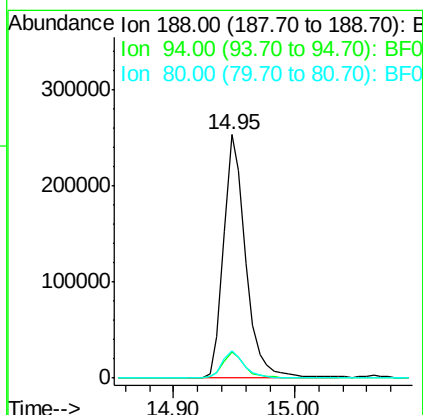
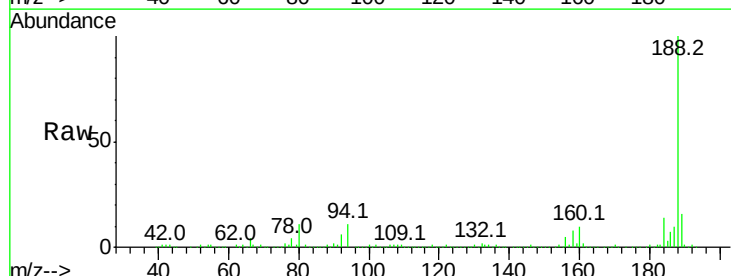
Instrument :
BNA_F
ClientSampleId :
MW-2

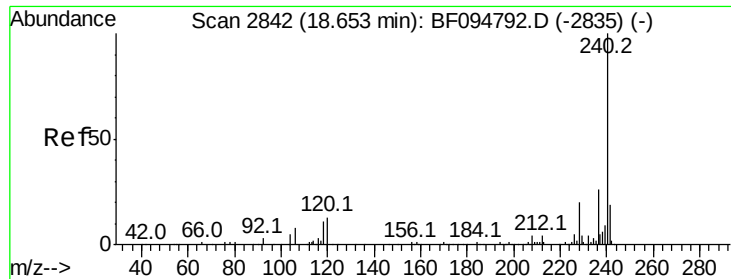
Tot Ion:163 Resp: 43836
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 13.8 8.4 12.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

Tgt Ion:188 Resp: 320872
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

Instrument :

BNA_F

ClientSampleId :

MW-2

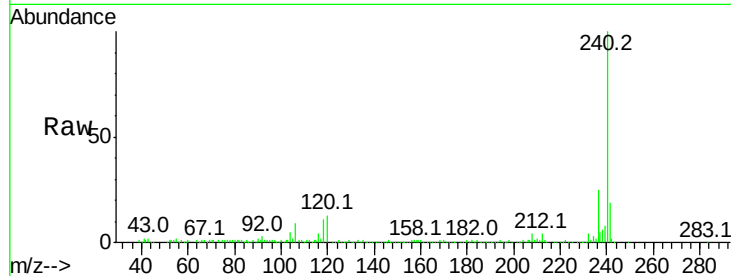
Tot Ion:240 Resp: 204510

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

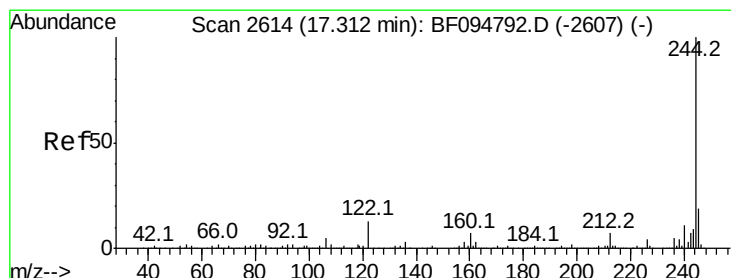
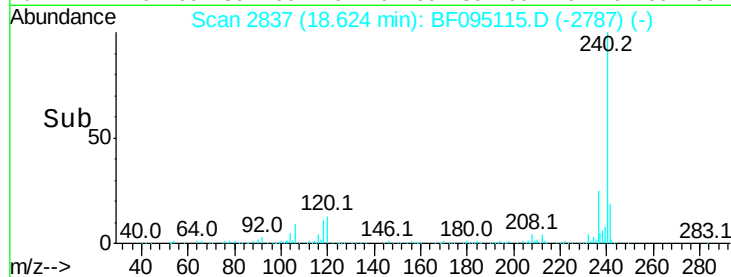
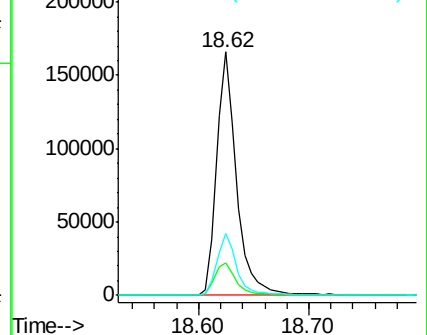
236 25.3 20.5 30.7



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: 93.37 ng

RT: 17.28 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BF095115.D

Acq: 12 May 2017 16:53

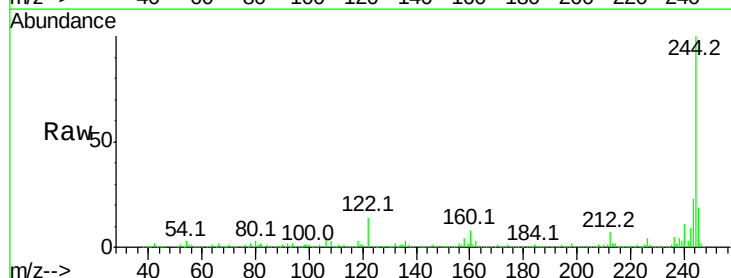
Tgt Ion:244 Resp: 866969

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

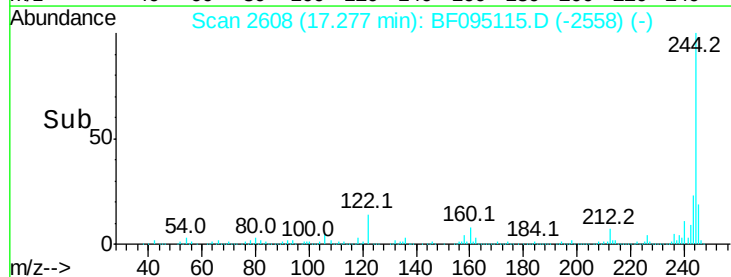
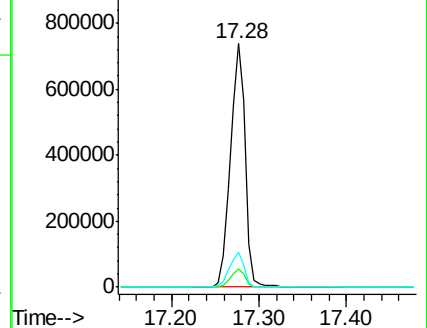
122 14.3 10.3 15.5

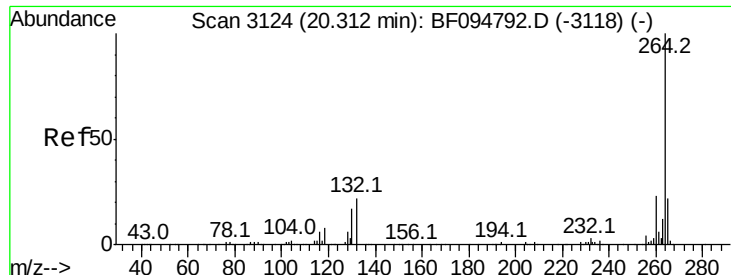


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

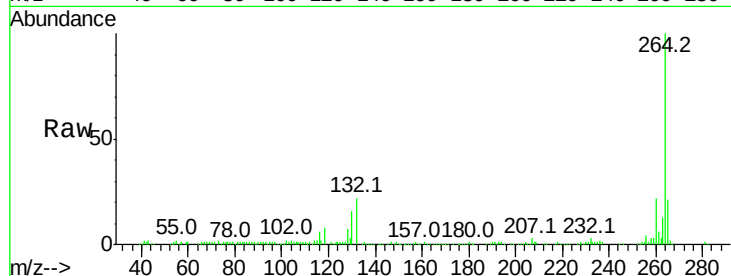




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BF095115.D
Acq: 12 May 2017 16:53

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	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

