

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095436.D
 Acq On : 25 May 2017 22:00
 Operator : SJ/MA
 Sample : I3222-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:15:16 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

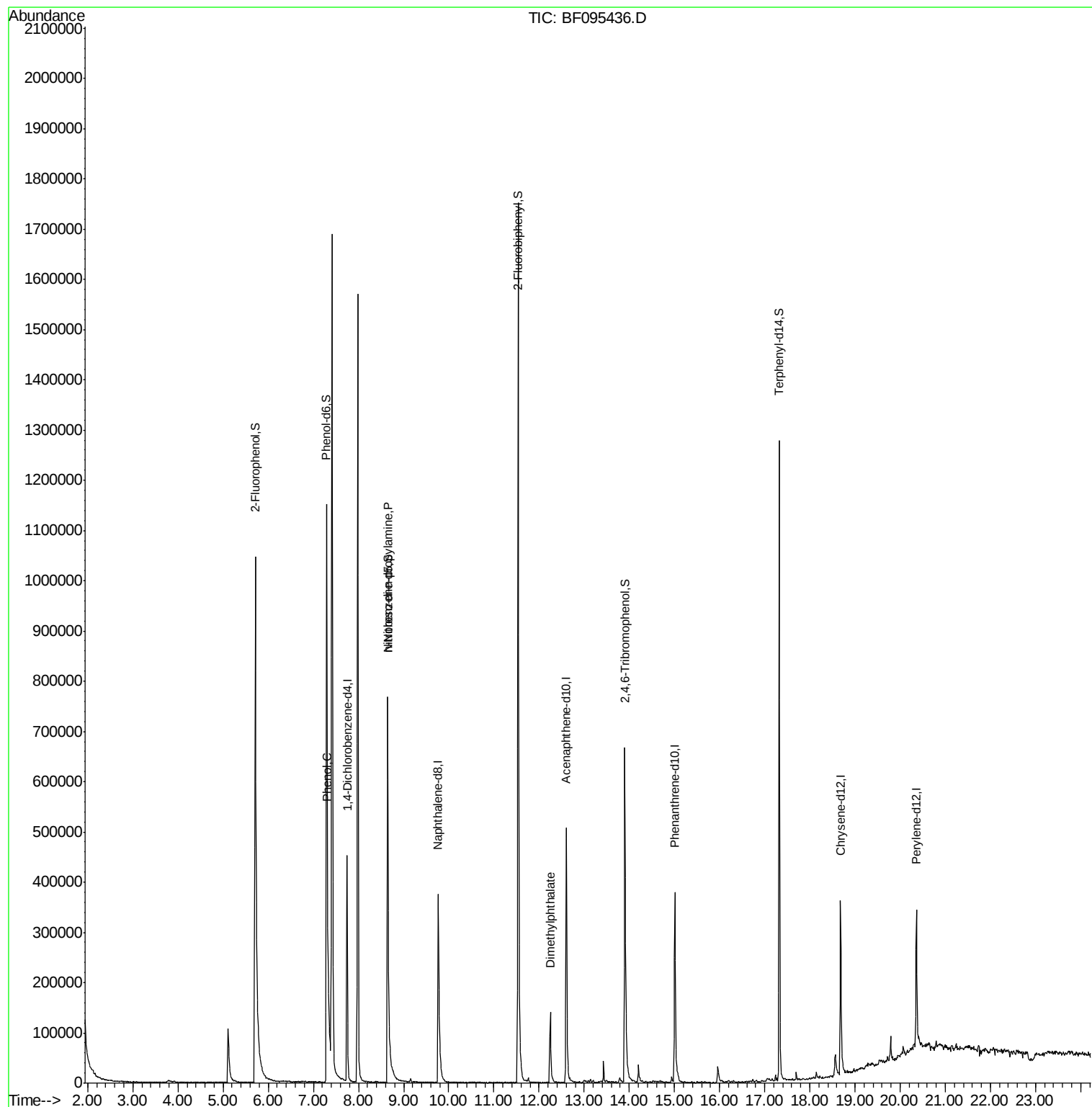
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	103771	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	416057	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	182504	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	279944	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	197523	20.00	ng	-0.01
86) Perylene-d12	20.36	264	150846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	791432	127.15	ng	-0.02
7) Phenol-d6	7.30	99	923770	123.70	ng	-0.02
23) Nitrobenzene-d5	8.65	82	512446	77.67	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	150821	100.91	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1005913	79.33	ng	-0.02
78) Terphenyl-d14	17.32	244	529971	59.10	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	18199	2.31	ng	# 31
19) n-Nitroso-di-n-propylamine	8.65	70	59728	11.83	ng	# 75
49) Dimethylphthalate	12.25	163	130747	8.73	ng	# 97

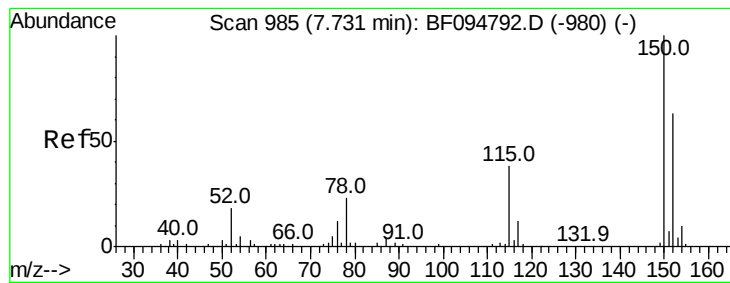
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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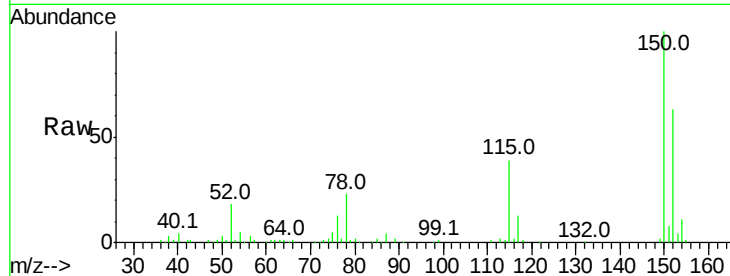


#1

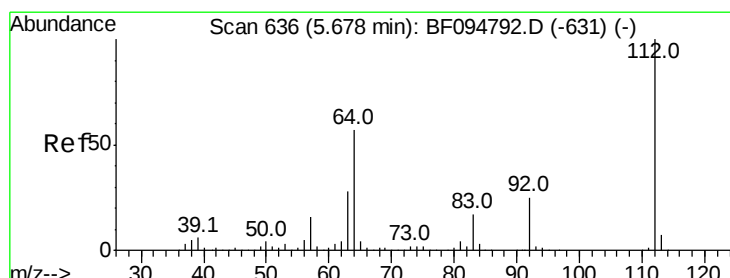
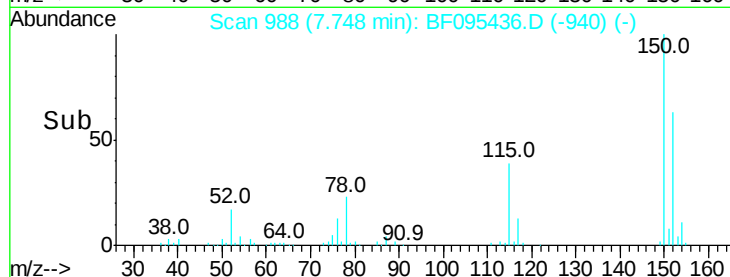
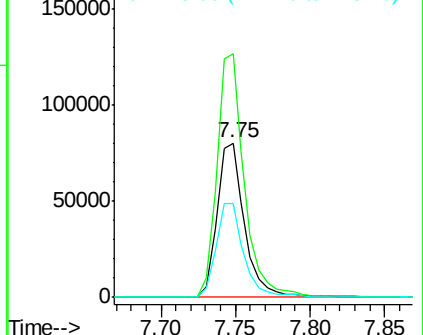
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103771
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 60.9 52.2 78.2



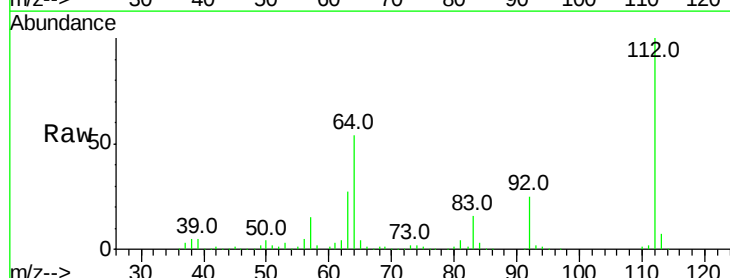
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



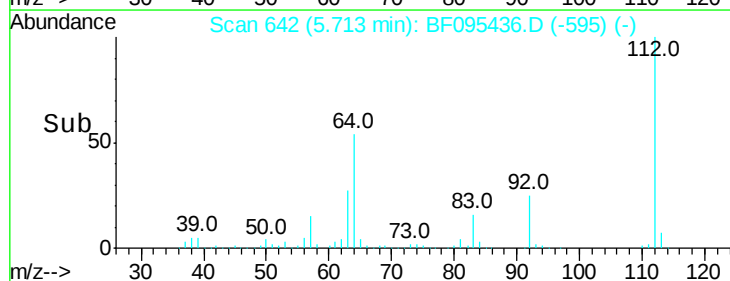
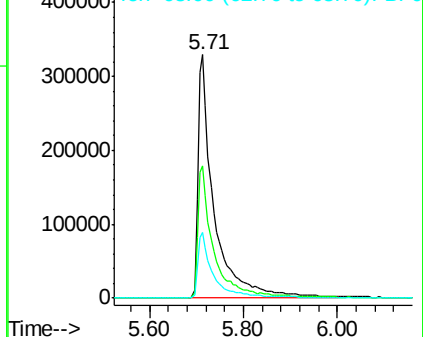
#5

2-Fluorophenol
Concen: 127.15 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Tgt Ion:112 Resp: 791432
Ion Ratio Lower Upper
112 100
64 54.2 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: 123.70 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampled :

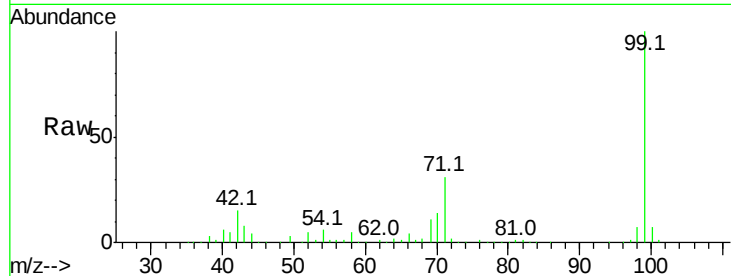
Tot Ion: 99 Resp: 923770

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

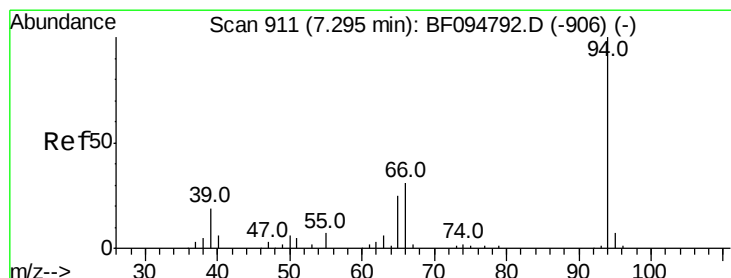
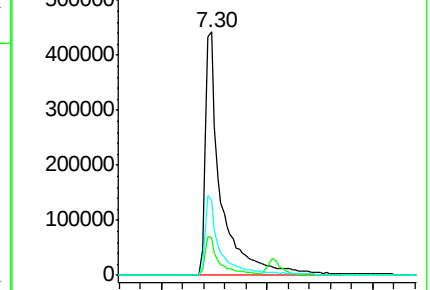
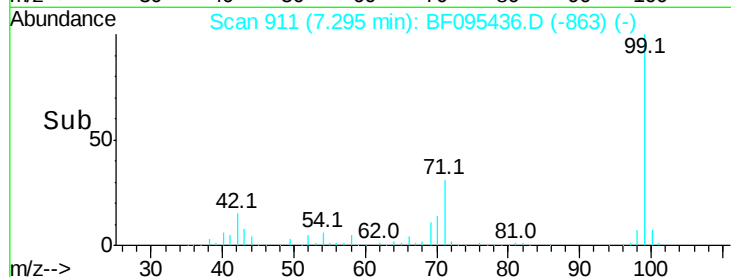
71 30.7 24.5 36.7



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



#10

Phenol

Concen: 2.31 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

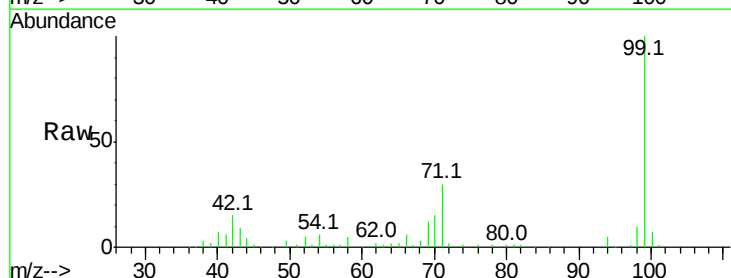
Tgt Ion: 94 Resp: 18199

Ion Ratio Lower Upper

94 100

65 37.2 9.9 49.9

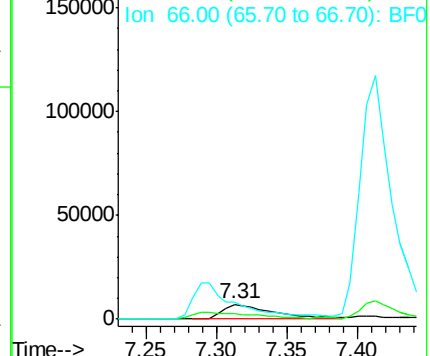
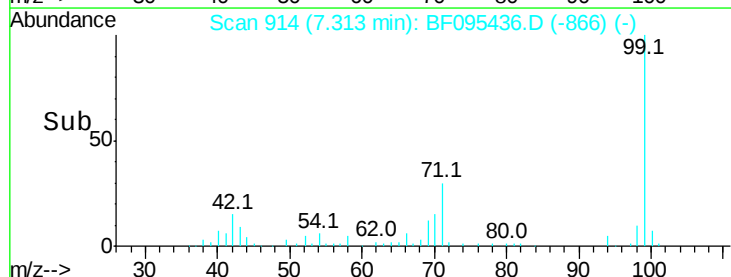
66 112.2 23.1 63.1#

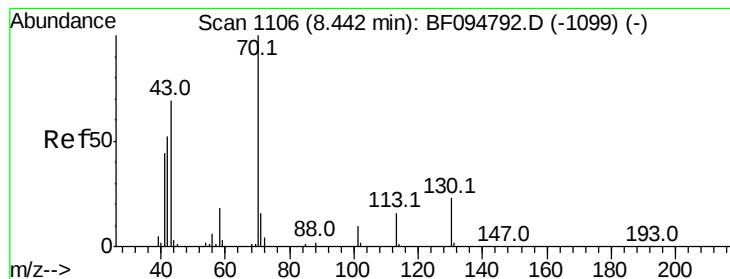


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.83 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59728

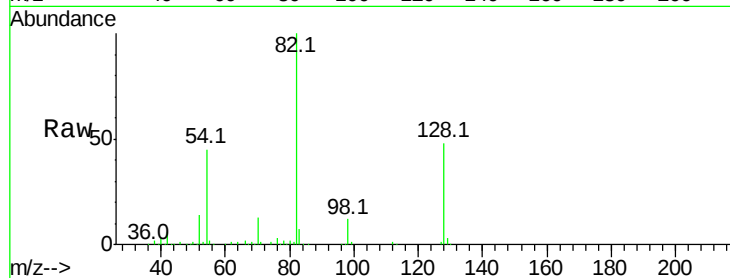
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#



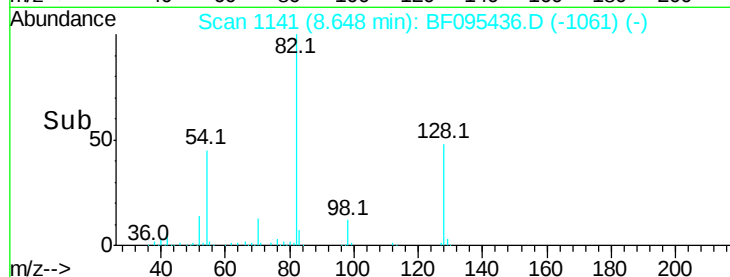
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

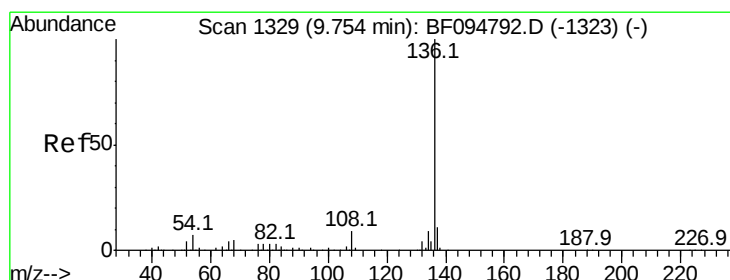
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Tgt Ion: 136 Resp: 416057

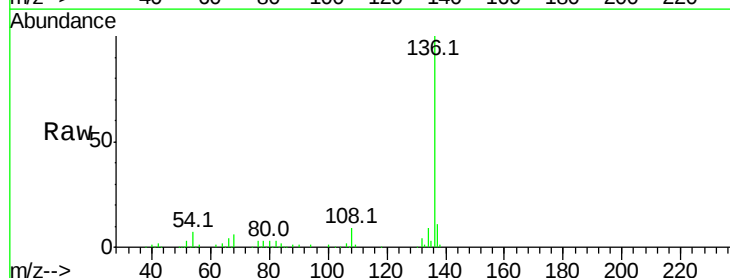
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.9 4.9 7.3

68 6.0 4.1 6.1



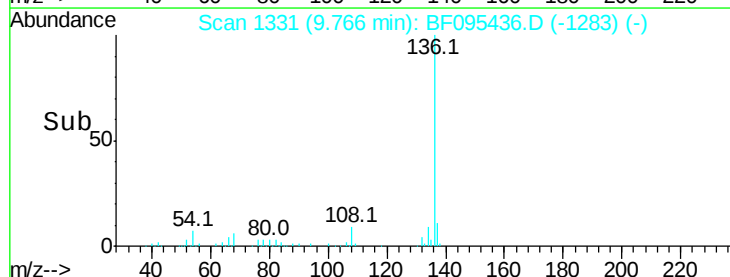
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

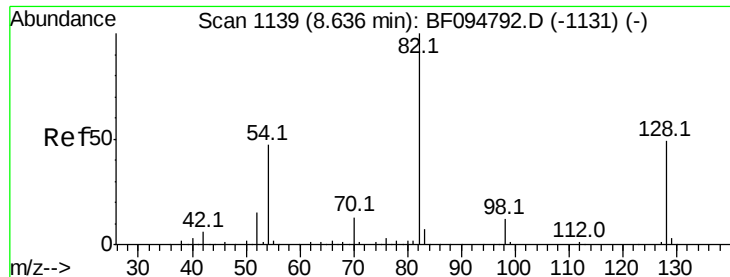
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



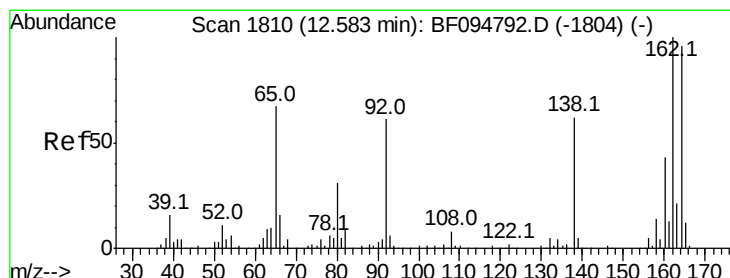
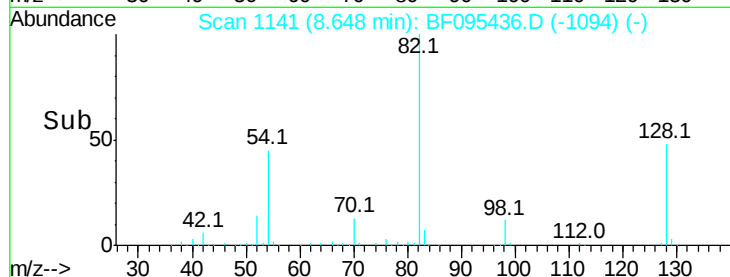
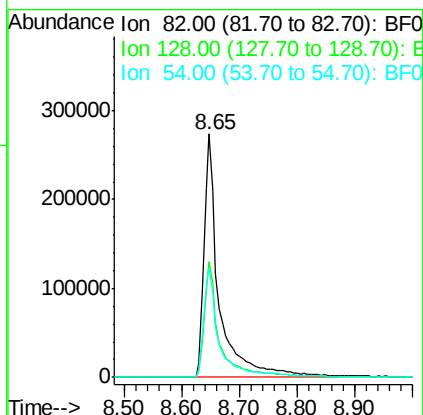
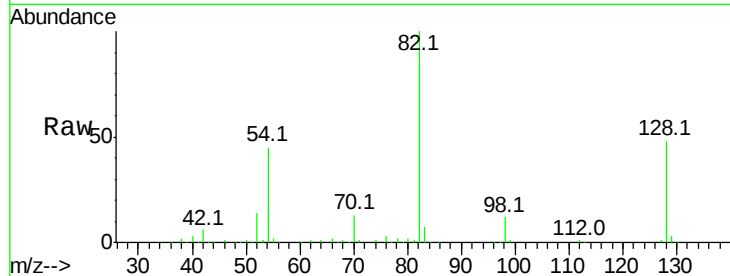
Time-->



#23
Nitrobenzene-d5
Concen: 77.67 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

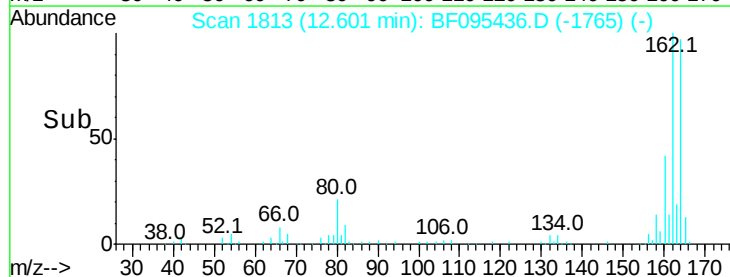
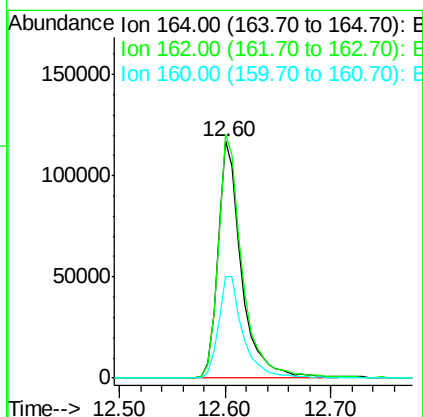
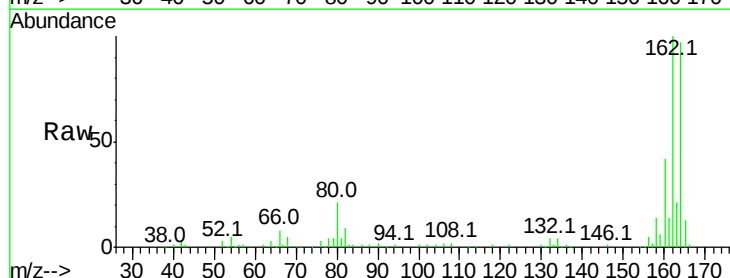
Instrument :
BNA_F
ClientSampleId :

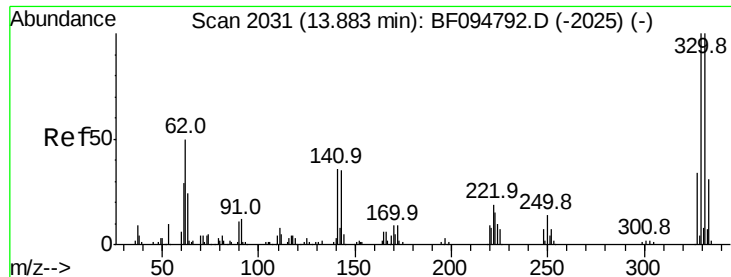
Tot Ion: 82 Resp: 512446
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 45.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Tgt Ion:164 Resp: 182504
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 42.7 36.2 54.2

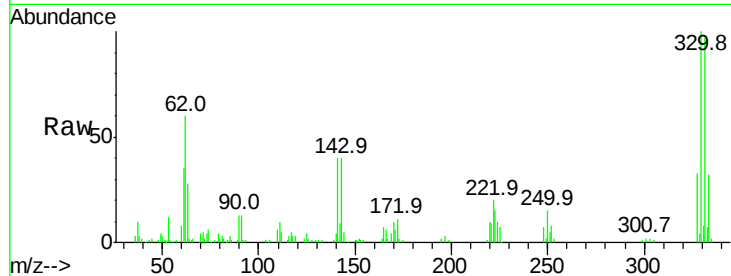




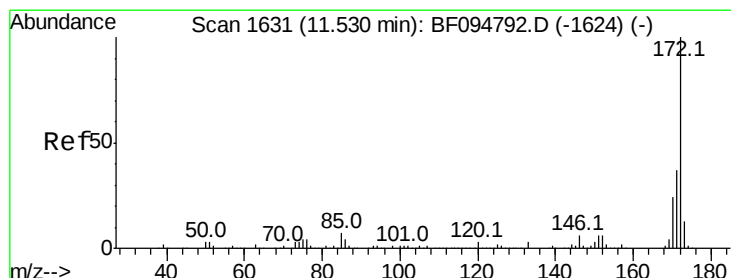
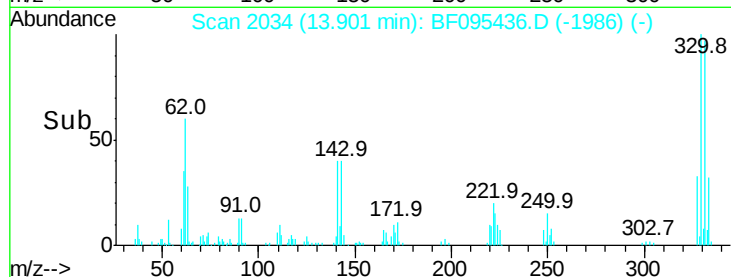
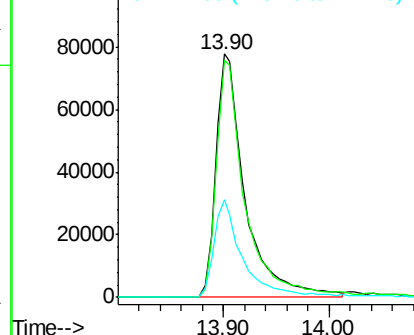
#41
 2,4,6-Tribromophenol
 Concen: 100.91 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095436.D
 Acq: 25 May 2017 22:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150821
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.4 31.4 47.2

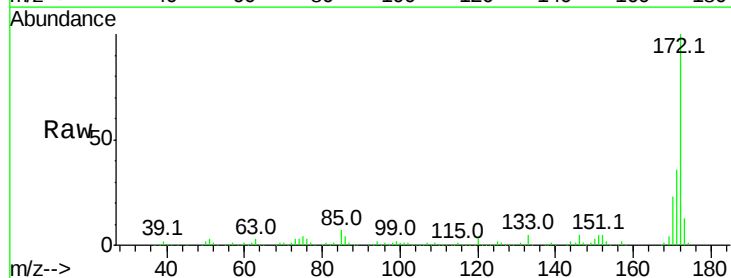


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

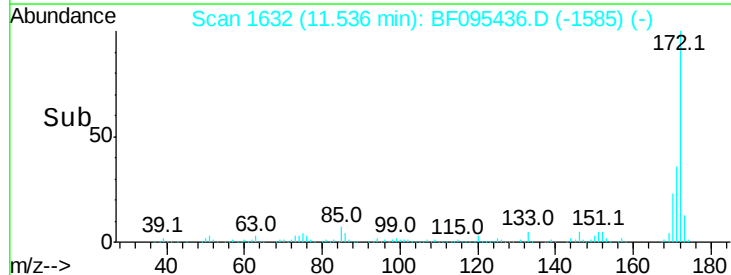
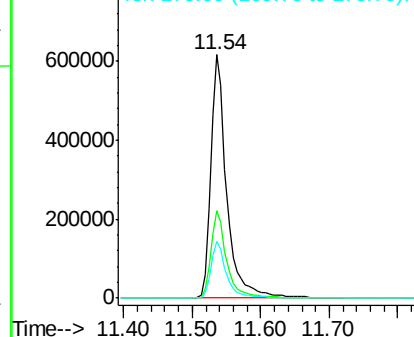


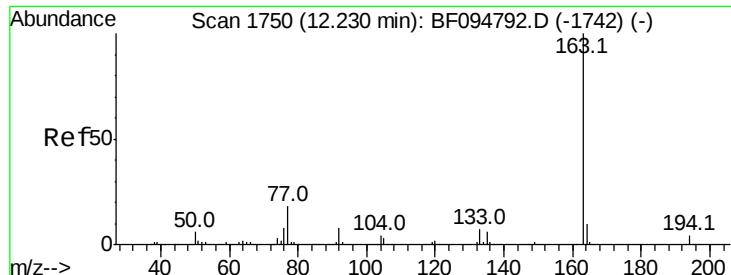
#44
 2-Fluorobiphenyl
 Concen: 79.33 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095436.D
 Acq: 25 May 2017 22:00

Tgt Ion:172 Resp: 1005913
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#49

Dimethylphthalate

Concen: 8.73 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampleId :

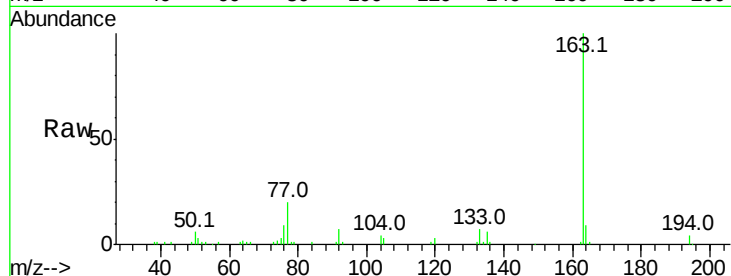
Tot Ion:163 Resp: 130747

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

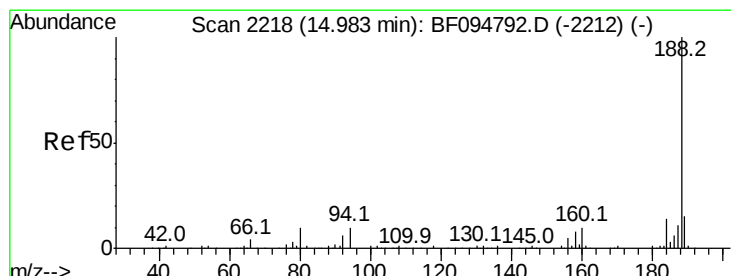
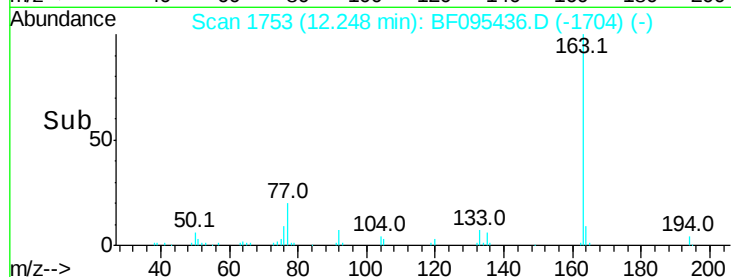
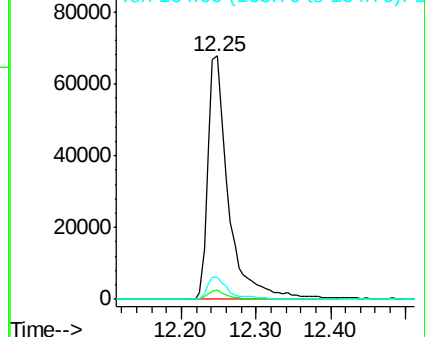
164 9.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

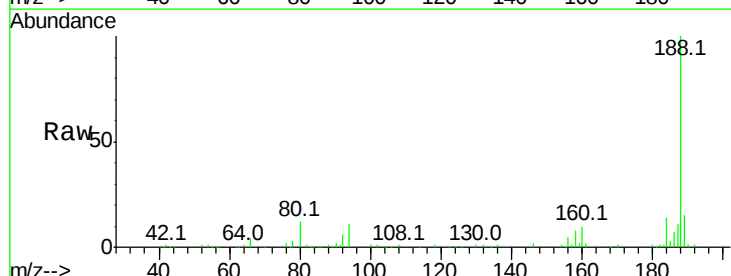
Tgt Ion:188 Resp: 279944

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

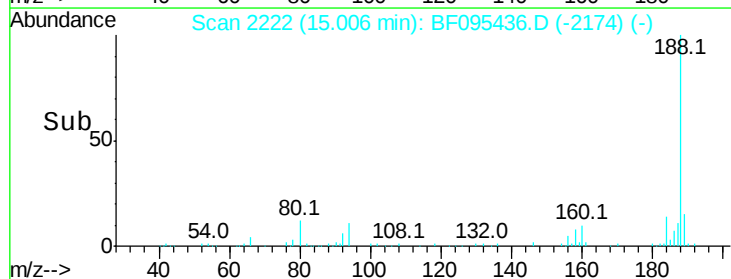
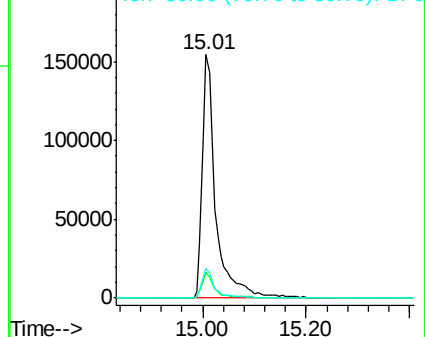
80 12.2 10.2 15.2

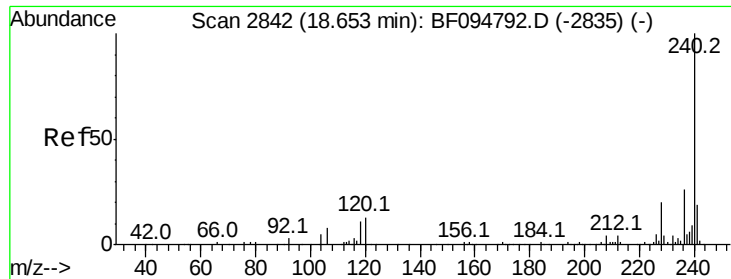


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

Instrument :

BNA_F

ClientSampleId :

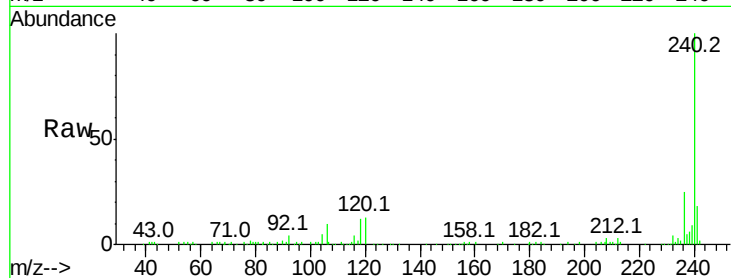
Tot Ion:240 Resp: 197523

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

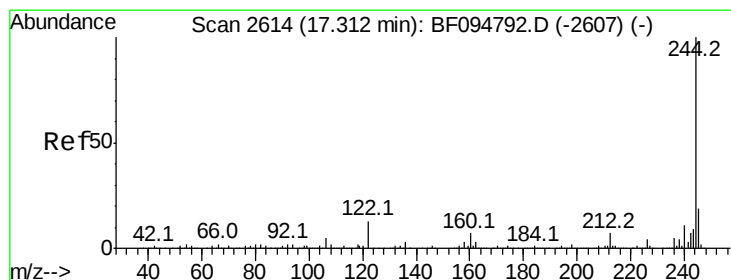
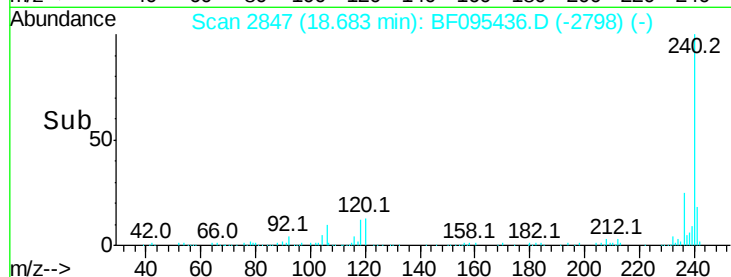
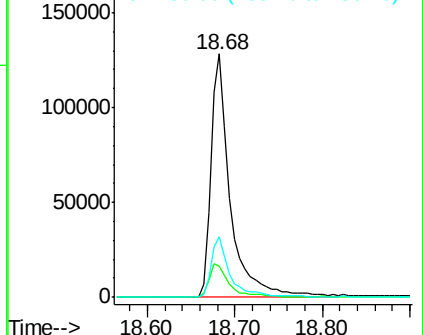
236 24.8 20.5 30.7



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: 59.10 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095436.D

Acq: 25 May 2017 22:00

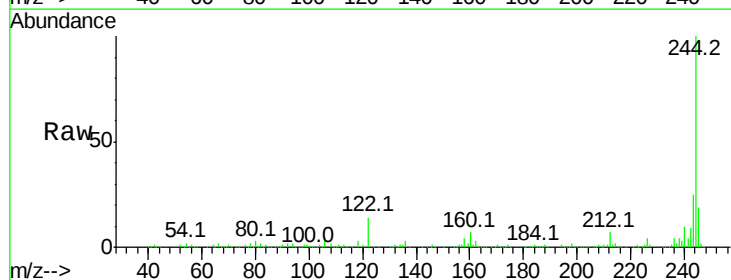
Tgt Ion:244 Resp: 529971

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

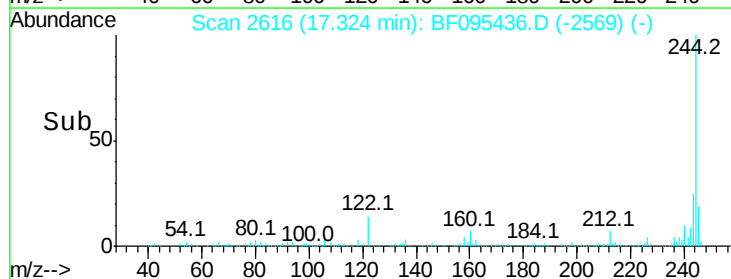
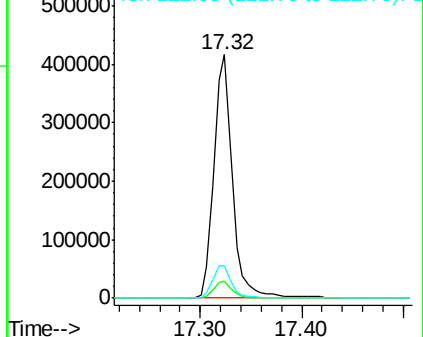
122 13.5 10.3 15.5

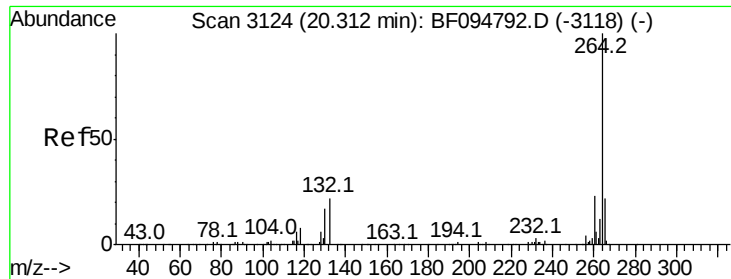


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095436.D
Acq: 25 May 2017 22:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	17.2	25.8

