

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095991.D
 Acq On : 17 Jun 2017 11:26
 Operator : SJ/MA
 Sample : I3683-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:10:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

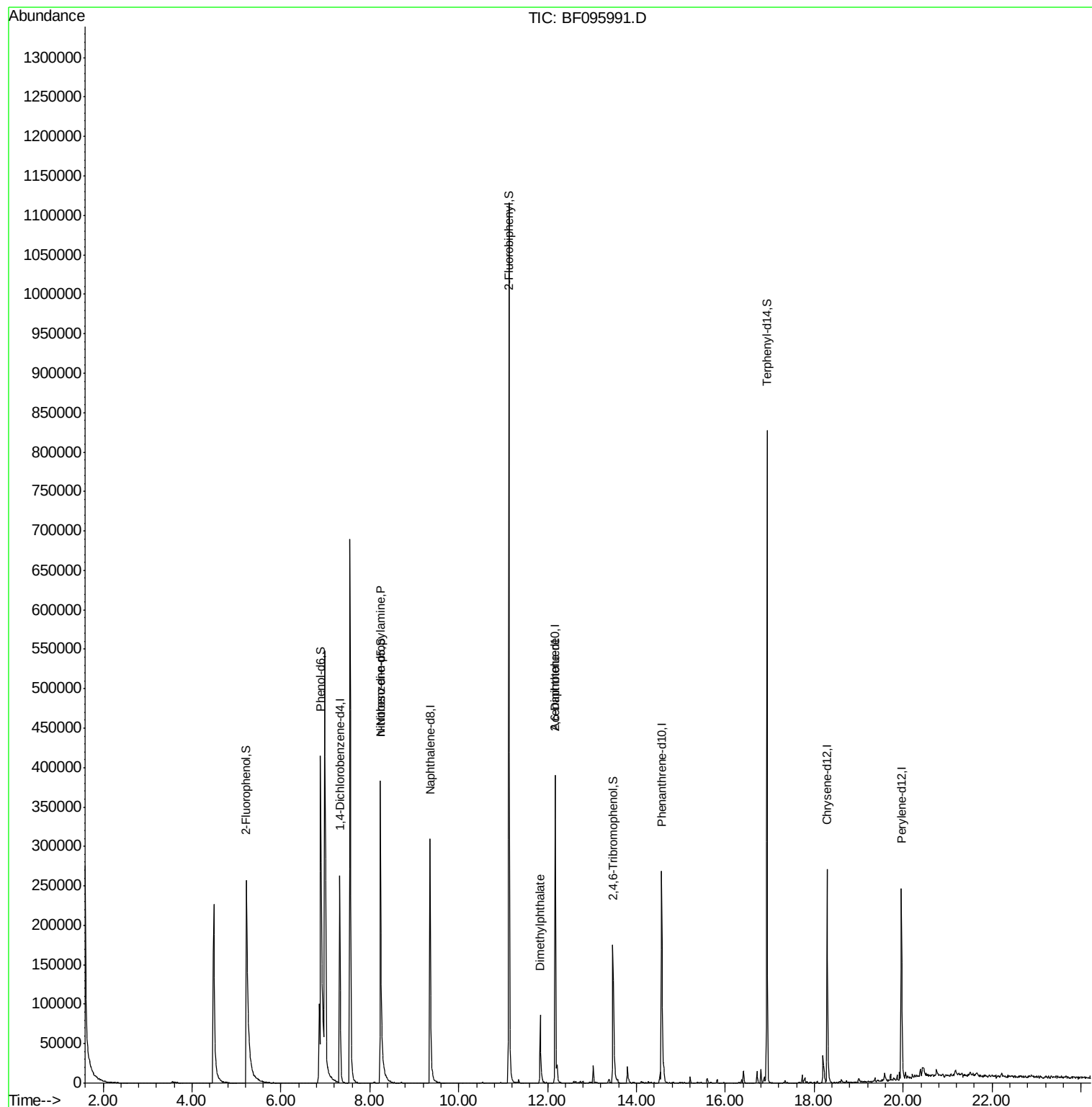
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67493	20.00	ng	0.00
21) Naphthalene-d8	9.36	136	272394	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117308	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	172429	20.00	ng	0.00
75) Chrysene-d12	18.29	240	136637	20.00	ng	-0.01
86) Perylene-d12	19.96	264	128749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	251928	59.48	ng	0.00
7) Phenol-d6	6.89	99	399377	78.76	ng	-0.02
23) Nitrobenzene-d5	8.24	82	253004	57.68	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	44456	42.83	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	516823	61.31	ng	-0.01
78) Terphenyl-d14	16.94	244	304512	55.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	30598	9.52	ng	# 77
49) Dimethylphthalate	11.83	163	73220	8.22	ng	# 98
50) 2,6-Dinitrotoluene	12.17	165	14475	7.45	ng	# 31

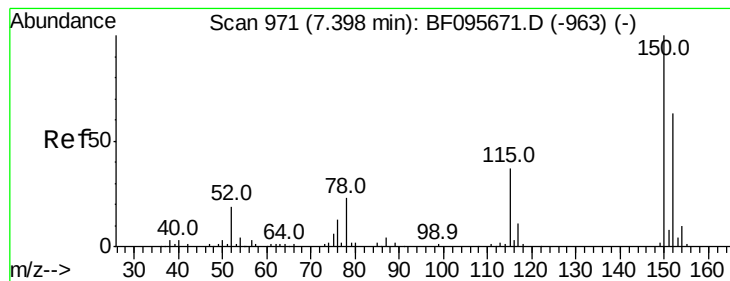
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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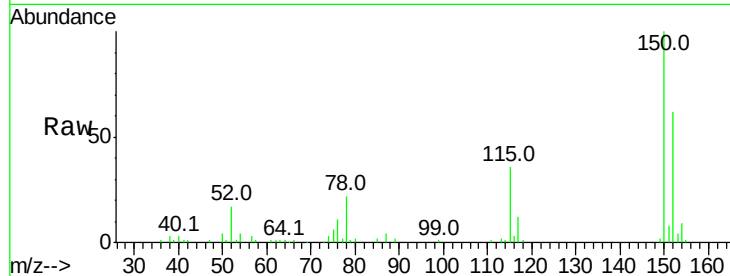


#1

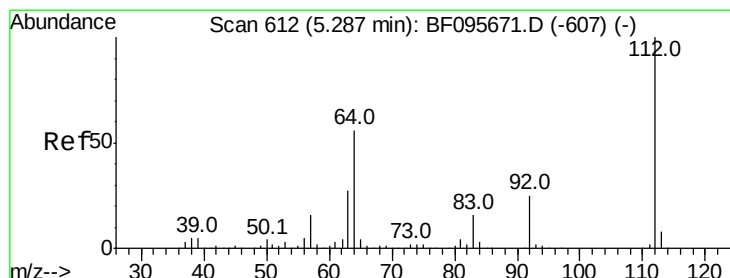
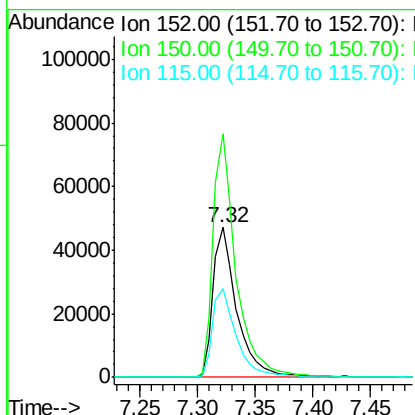
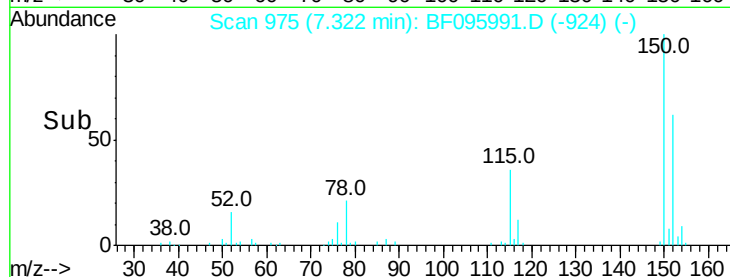
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 67493
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.2
115 59.1 52.2 78.2



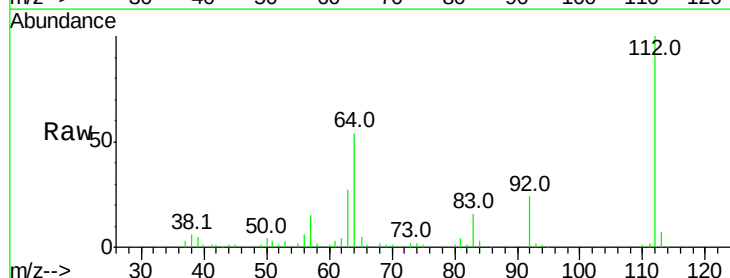
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



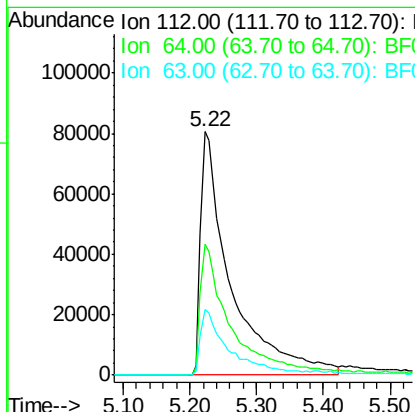
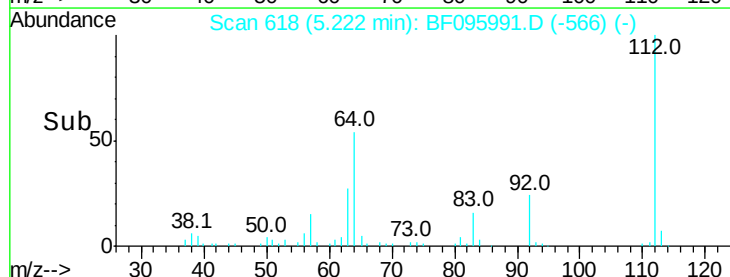
#5

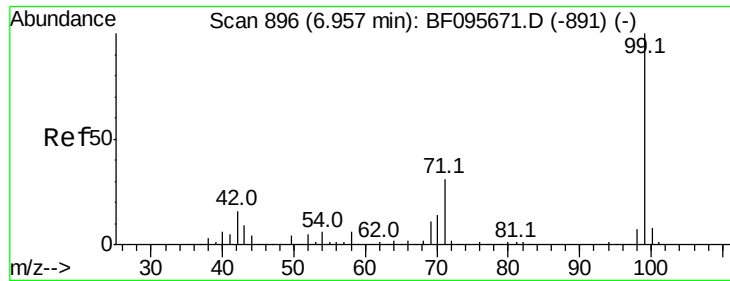
2-Fluorophenol
Concen: 59.48 ng
RT: 5.22 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

Tgt Ion:112 Resp: 251928
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 26.8 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: 78.76 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

Instrument :

BNA_F

ClientSampleId :

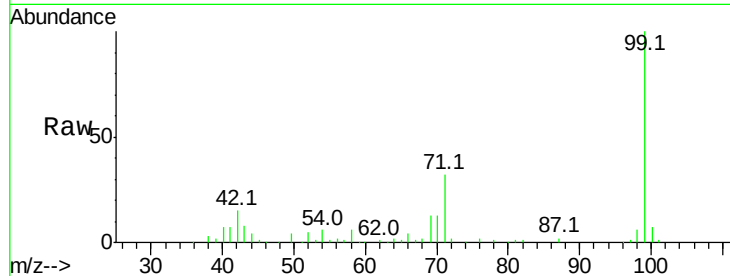
Tot Ion: 99 Resp: 399377

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

71 31.6 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

6.89

150000

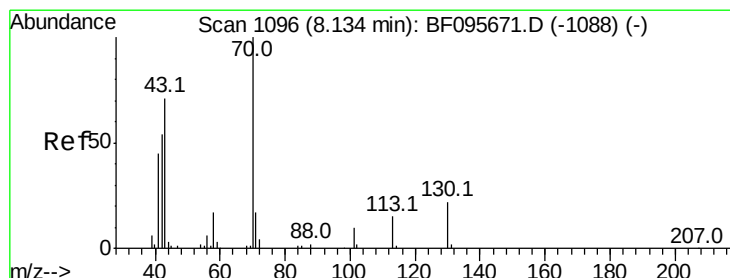
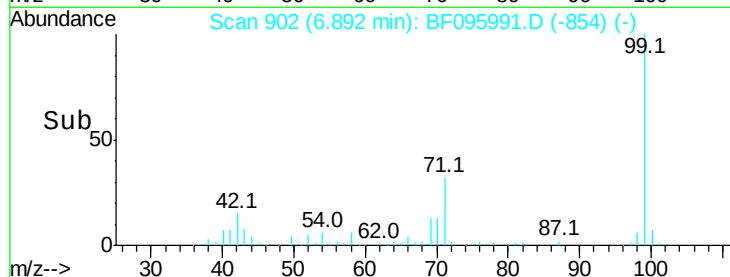
100000

50000

0

6.80 7.00 7.20

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 9.52 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

Tgt Ion: 70 Resp: 30598

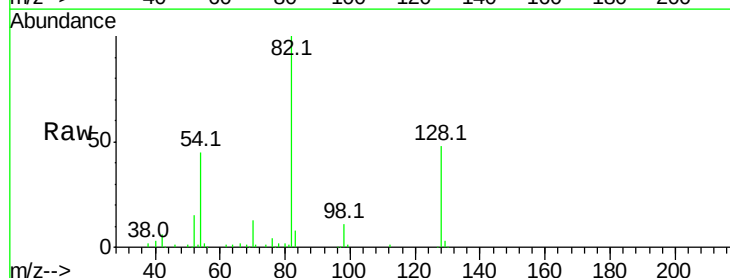
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 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

8.24

25000

20000

15000

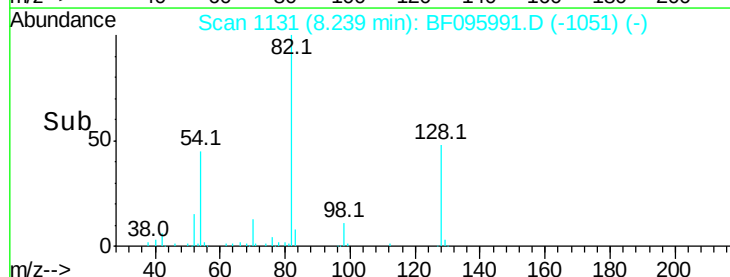
10000

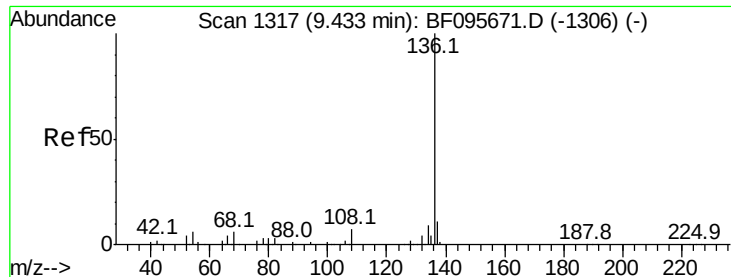
5000

0

8.20 8.25 8.30 8.35

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.36 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 272394

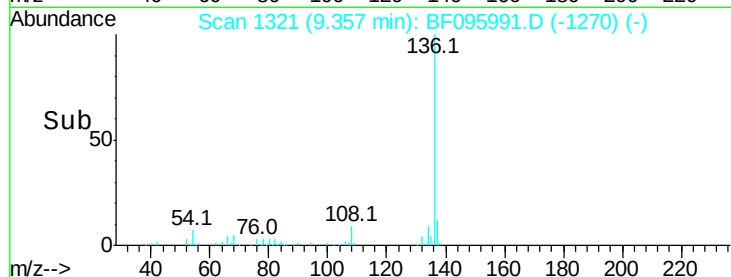
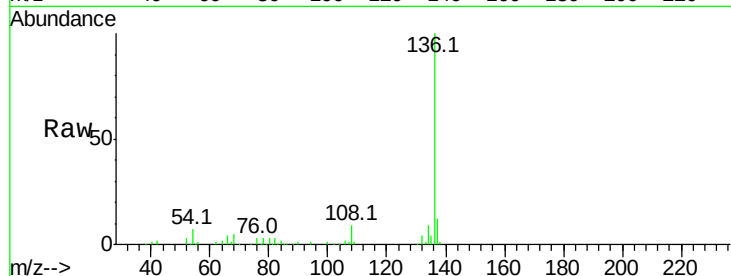
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.8 4.9 7.3

68 5.3 4.1 6.1

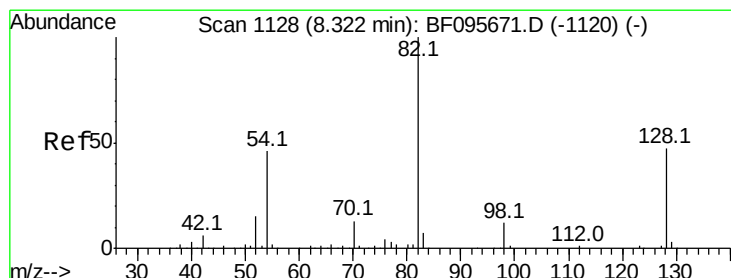
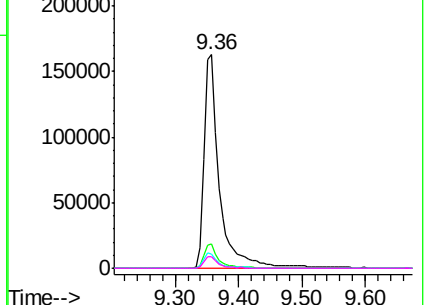


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.68 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

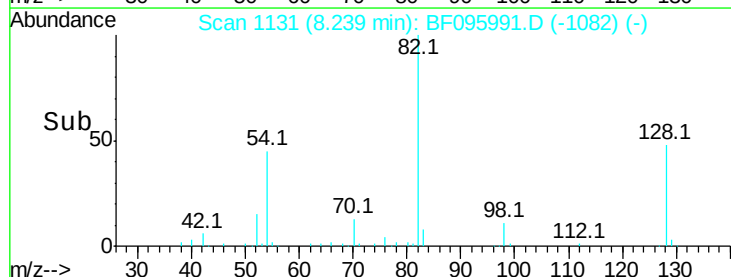
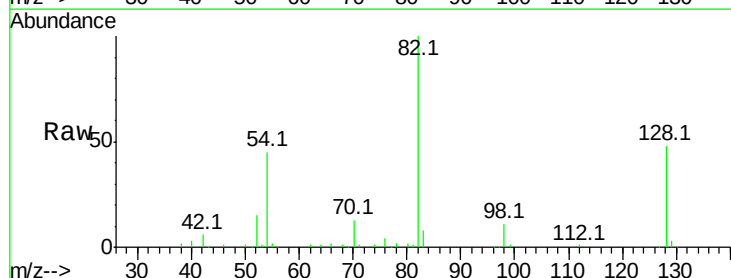
Tgt Ion: 82 Resp: 253004

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

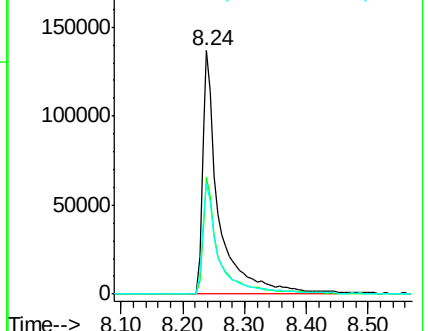
54 45.5 42.2 63.2

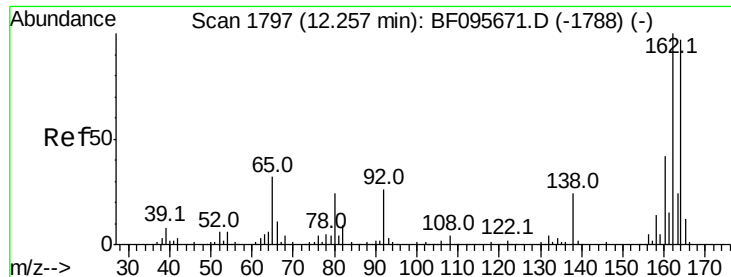


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

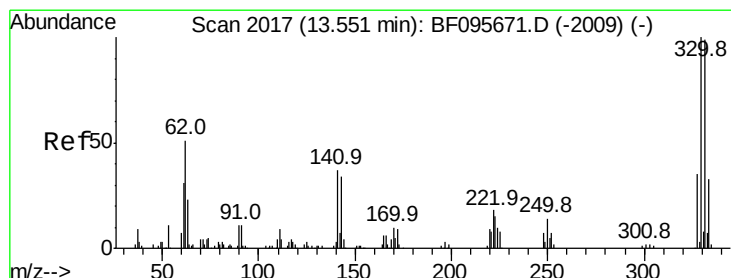
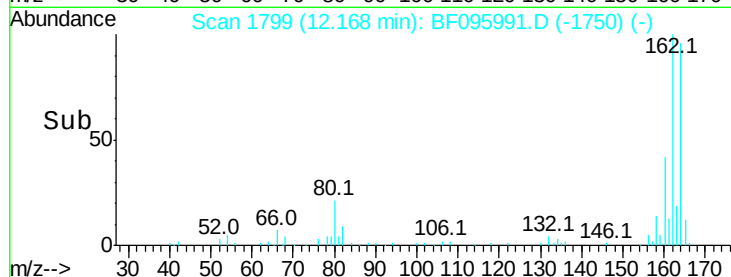
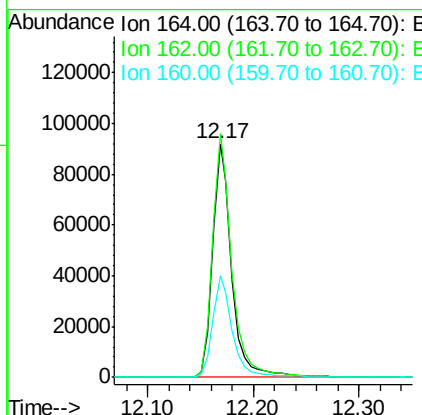
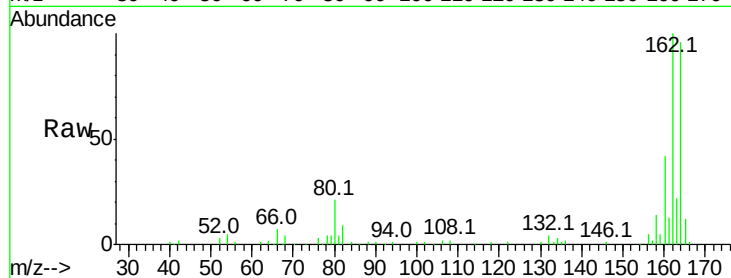




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

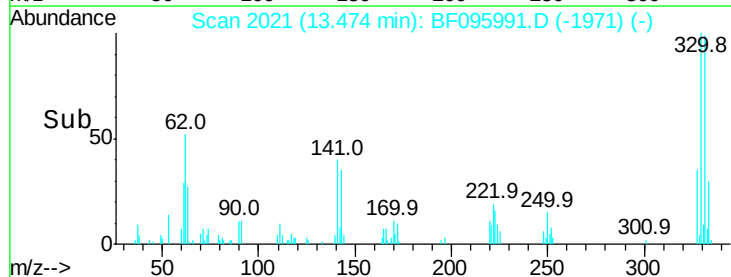
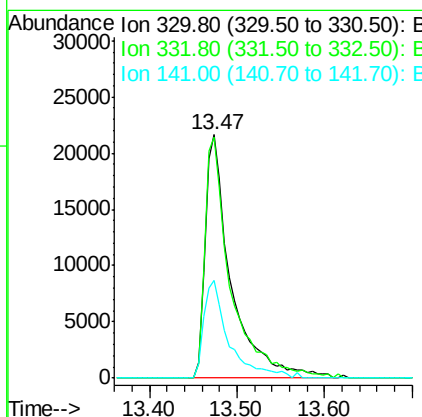
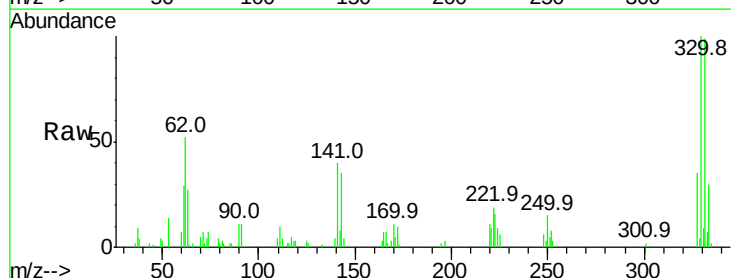
Instrument :
BNA_F
ClientSampleId :

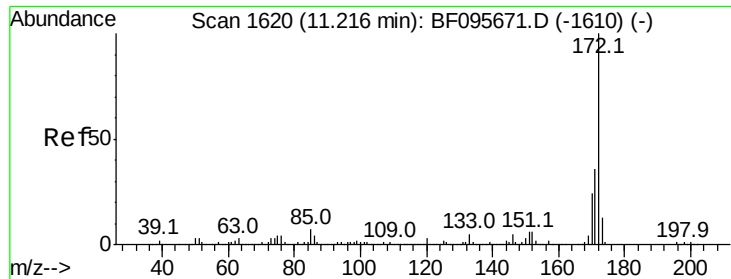
Tot Ion:164 Resp: 117308
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 43.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 42.83 ng
RT: 13.47 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

Tgt Ion:330 Resp: 44456
Ion Ratio Lower Upper
330 100
332 98.4 76.6 115.0
141 38.4 31.4 47.2

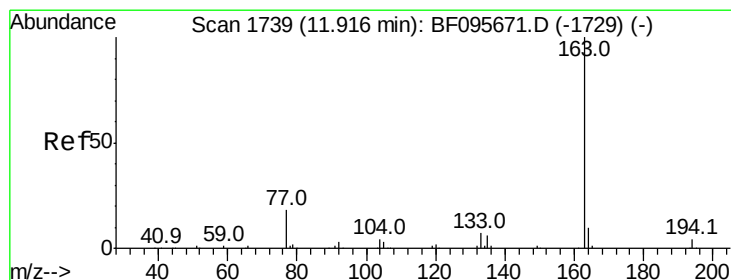
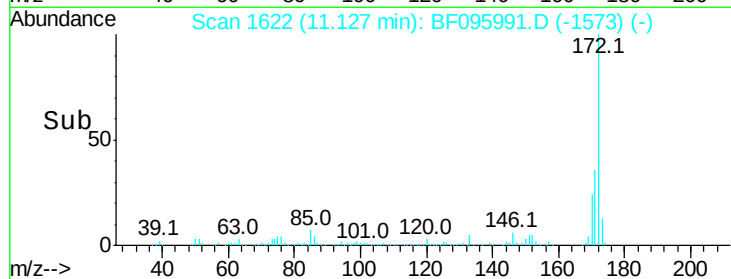
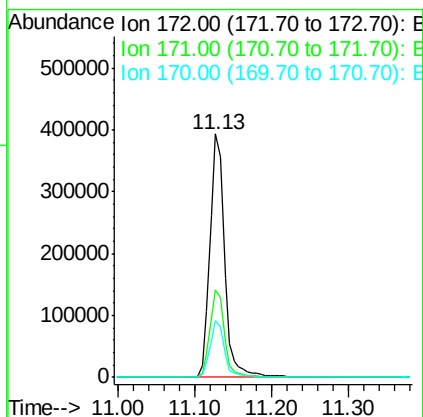
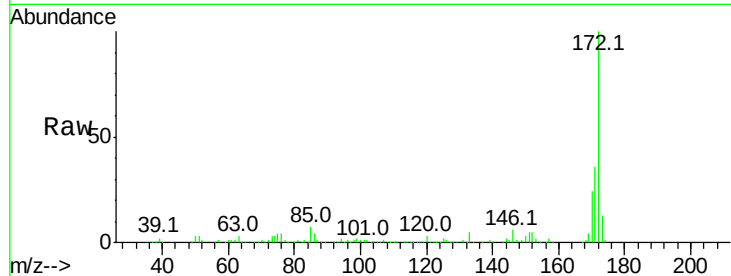




#44
2-Fluorobiphenyl
Concen: 61.31 ng
RT: 11.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

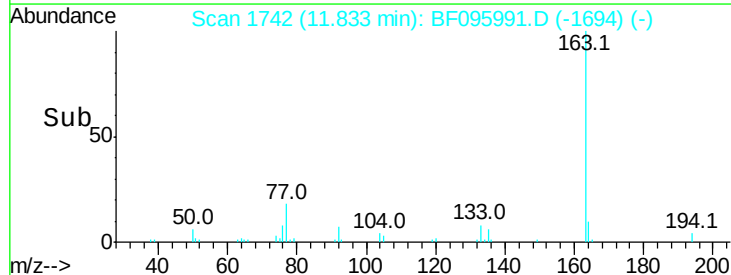
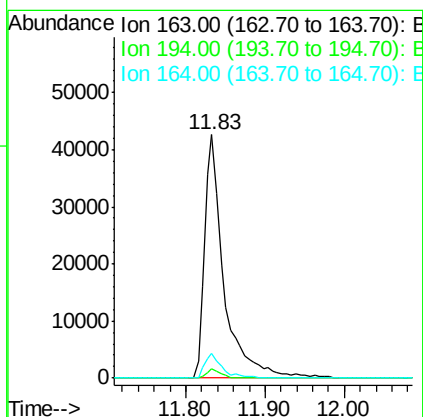
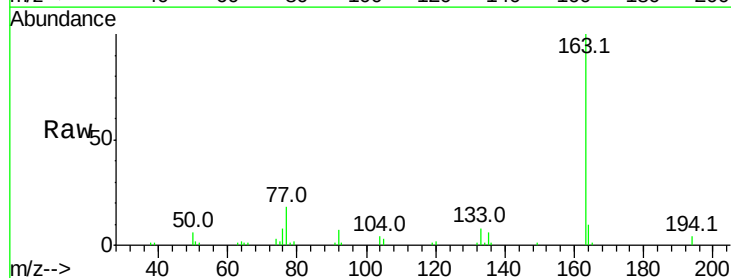
Instrument :
BNA_F
ClientSampleId :

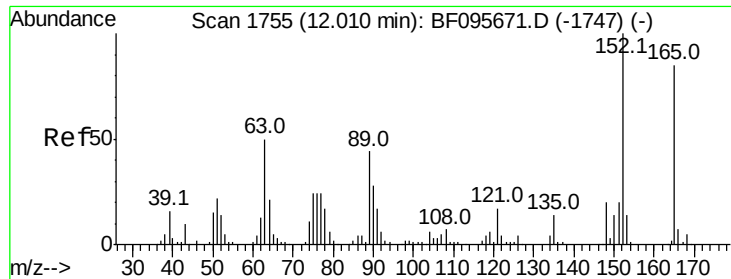
Tot Ion:172 Resp: 516823
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 8.22 ng
RT: 11.83 min Scan# 1742
Delta R.T. -0.02 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

Tgt Ion:163 Resp: 73220
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.9 8.4 12.6

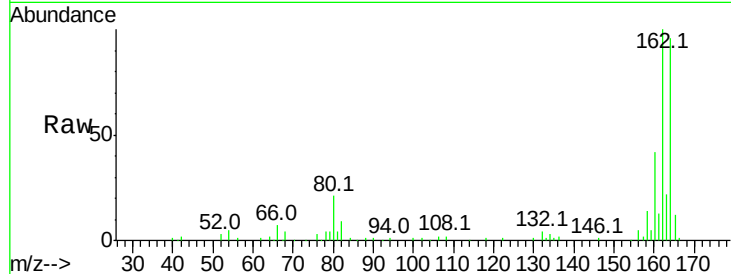




#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095991.D
 Acq: 17 Jun 2017 11:26

Instrument :
 BNA_F
 ClientSampled :

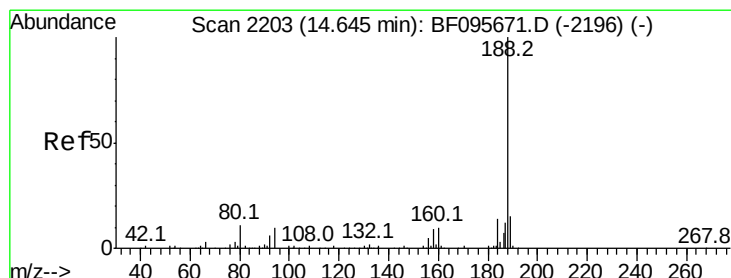
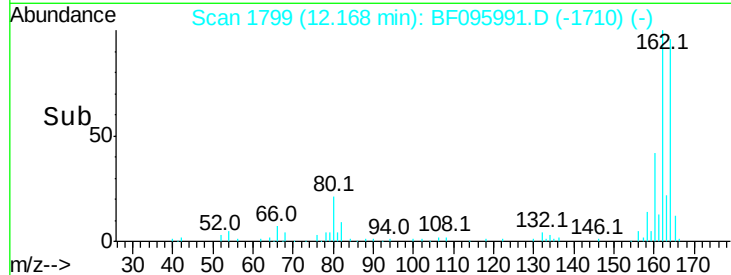
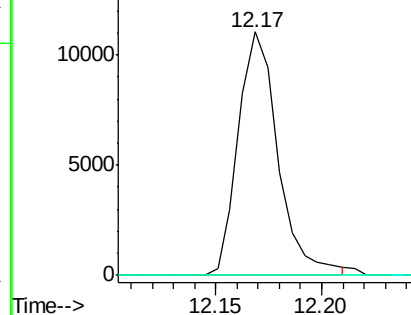
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

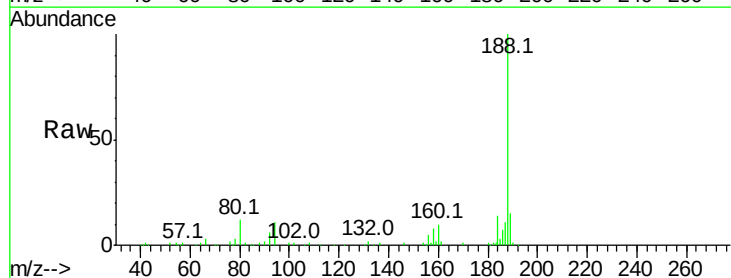
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF095991.D
 Acq: 17 Jun 2017 11:26

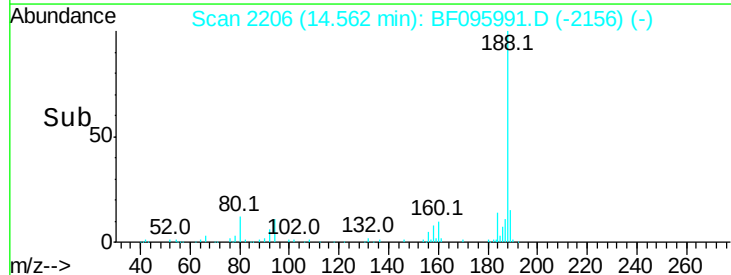
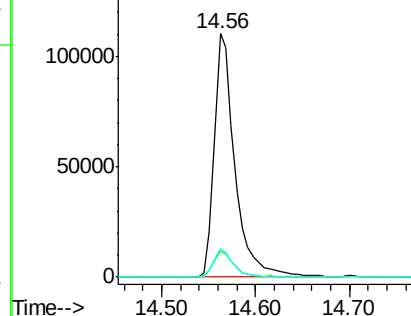
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.6	10.2	15.2

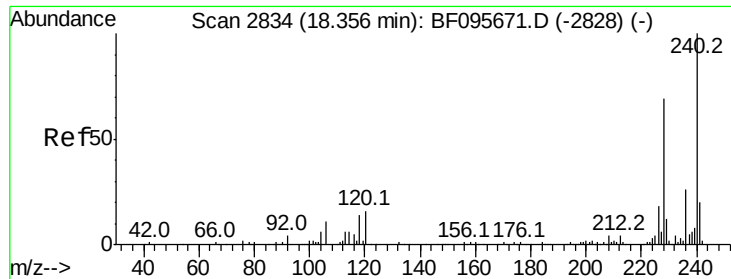


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

Instrument :

BNA_F

ClientSampled :

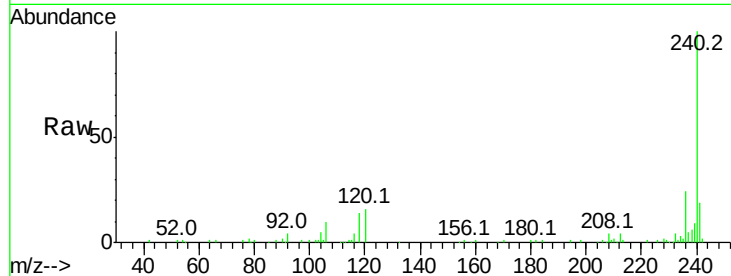
Tot Ion:240 Resp: 136637

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

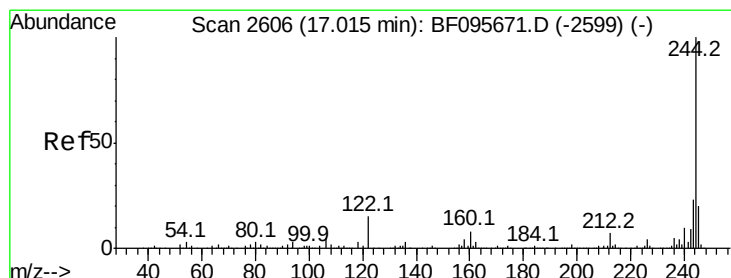
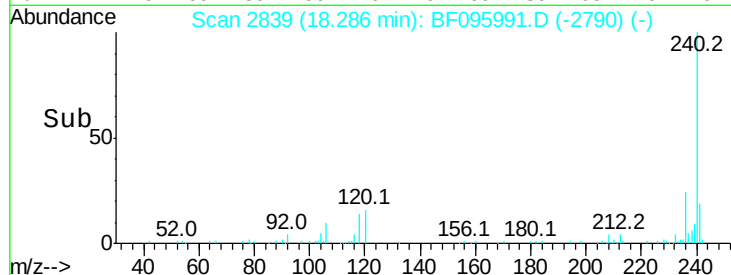
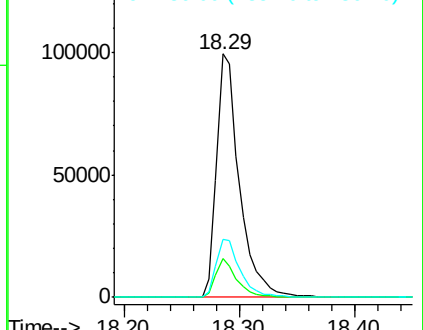
236 23.6 20.5 30.7



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: 55.31 ng

RT: 16.94 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF095991.D

Acq: 17 Jun 2017 11:26

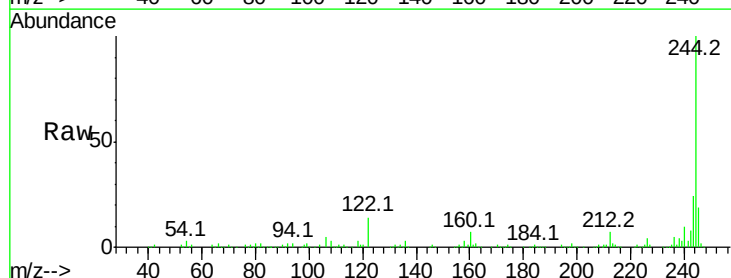
Tgt Ion:244 Resp: 304512

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

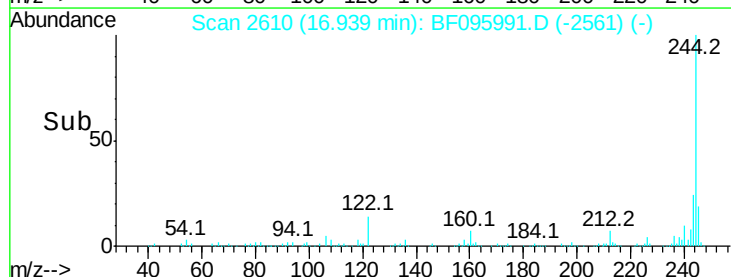
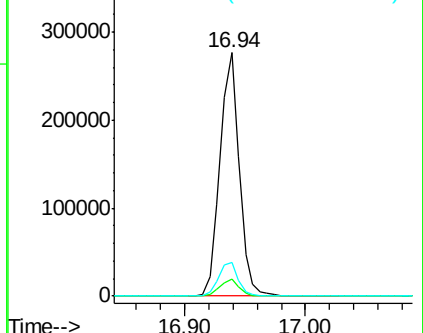
122 13.7 10.3 15.5

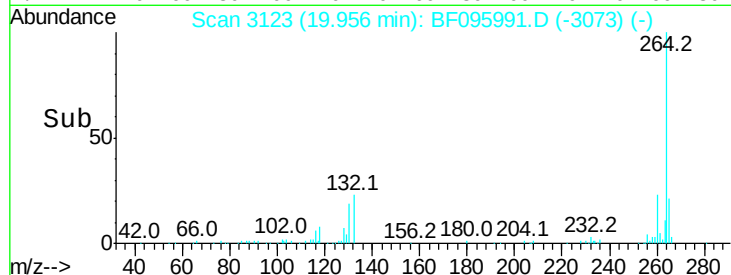
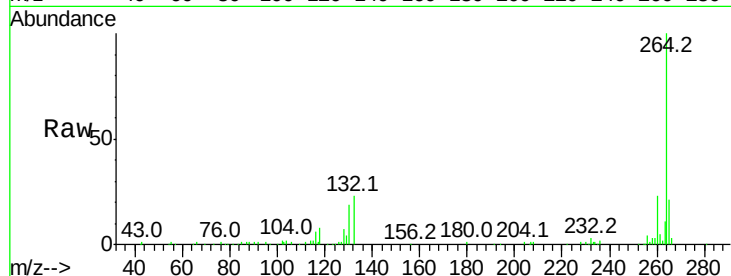
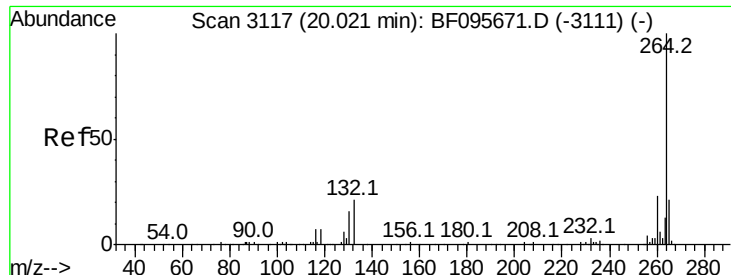


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095991.D
Acq: 17 Jun 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	128749
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.6	17.2	25.8

