

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095231.D
 Acq On : 18 May 2017 19:54
 Operator : SJ/MA
 Sample : I3158-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:05:40 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

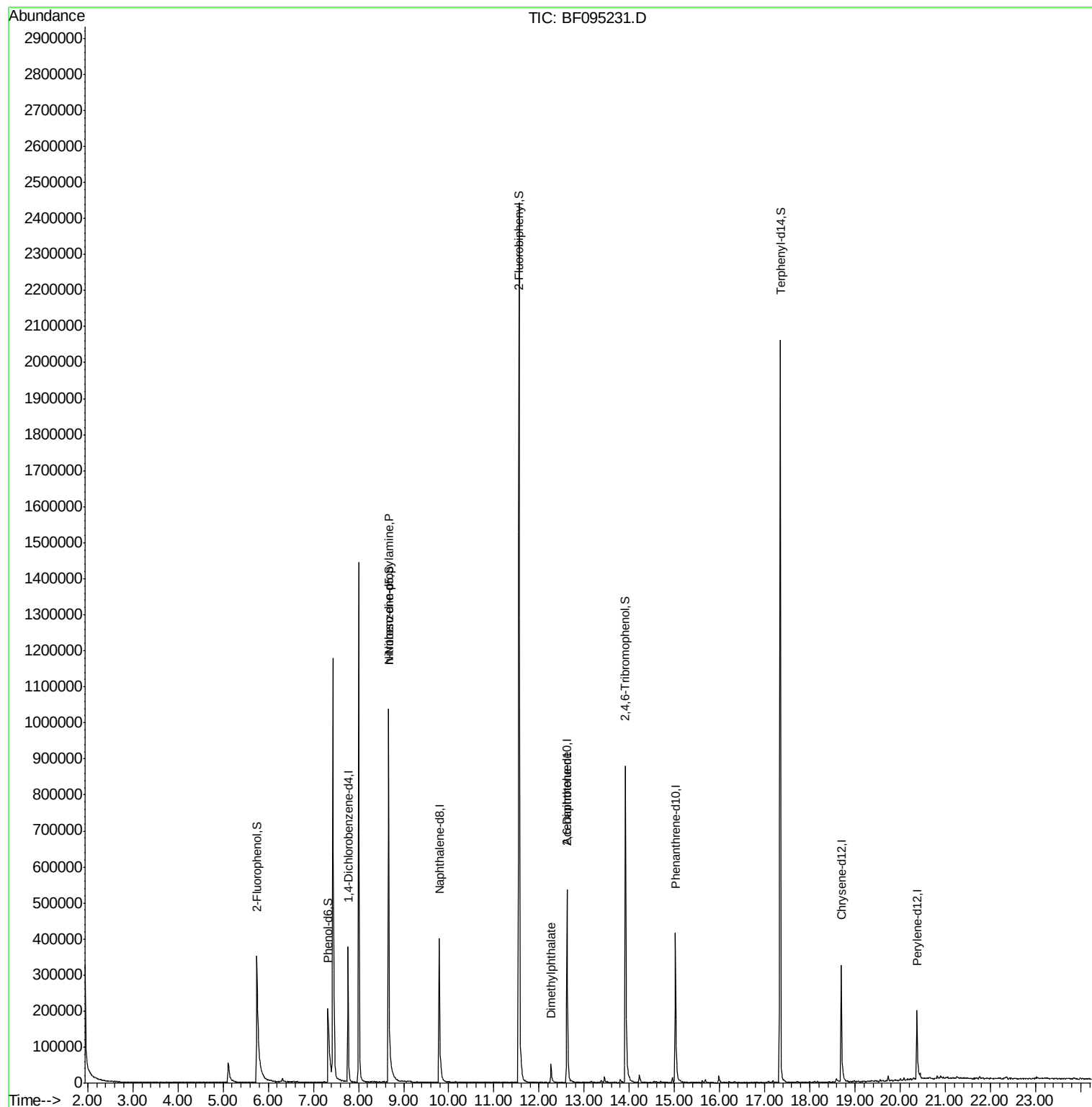
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85670	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	368759	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	187906	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	286527	20.00	ng	0.00
75) Chrysene-d12	18.69	240	190329	20.00	ng	0.00
86) Perylene-d12	20.37	264	124049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	338207	65.82	ng	0.01
7) Phenol-d6	7.32	99	244629	39.68	ng	0.01
23) Nitrobenzene-d5	8.67	82	590418	100.96	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	183056	118.95	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1223950	93.75	ng	0.00
78) Terphenyl-d14	17.35	244	880042	101.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	71649	17.18	ng	# 78
49) Dimethylphthalate	12.27	163	46519	3.02	ng	# 99
50) 2,6-Dinitrotoluene	12.62	165	20614	6.55	ng	# 31

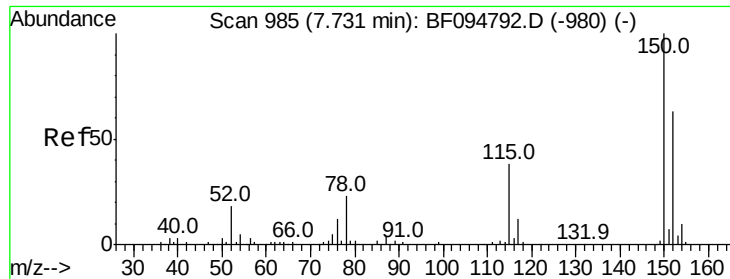
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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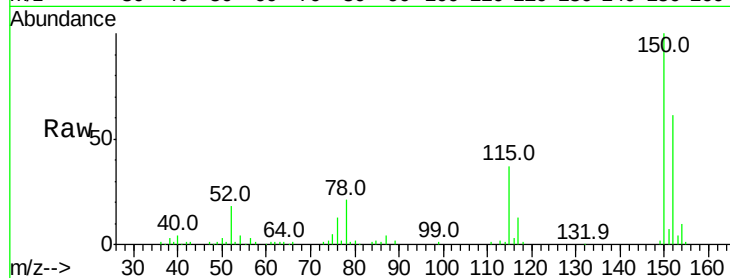


#1

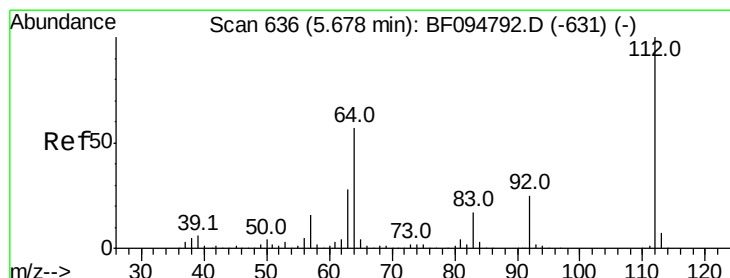
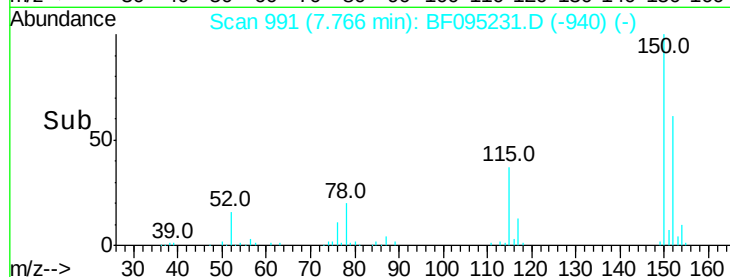
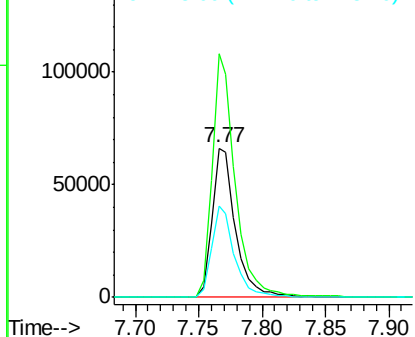
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095231.D
Acq: 18 May 2017 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85670
Ion Ratio Lower Upper
152 100
150 163.2 126.2 189.2
115 60.9 52.2 78.2



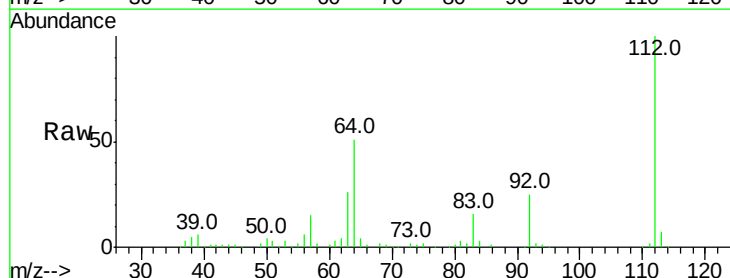
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



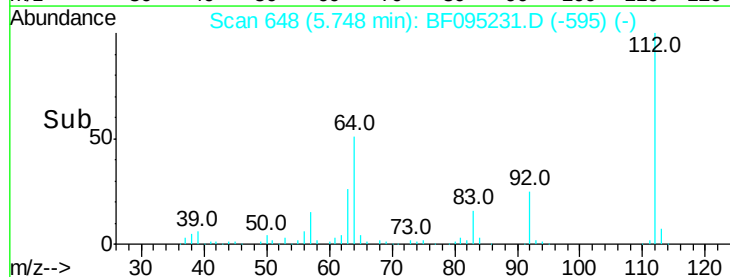
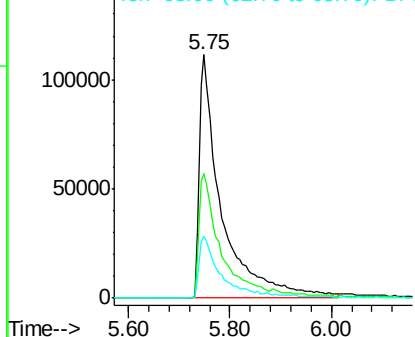
#5

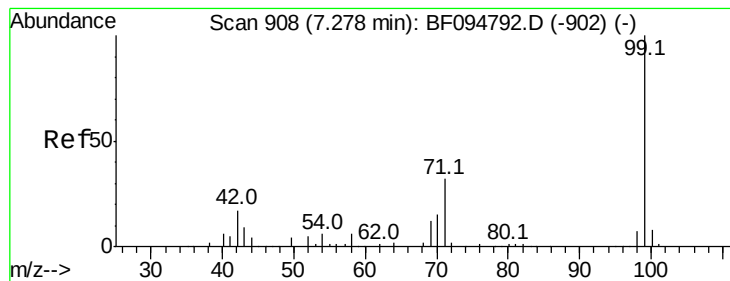
2-Fluorophenol
Concen: 65.82 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095231.D
Acq: 18 May 2017 19:54

Tgt Ion:112 Resp: 338207
Ion Ratio Lower Upper
112 100
64 51.0 46.0 69.0
63 25.5 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: 39.68 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

Instrument :

BNA_F

ClientSampleId :

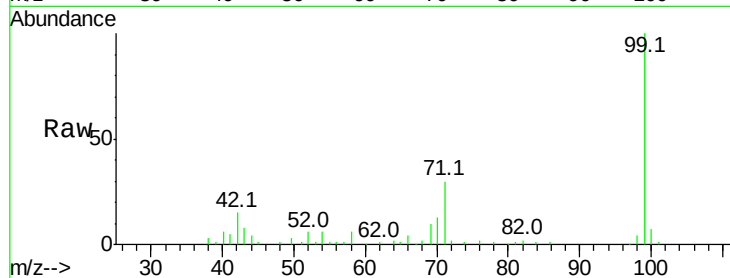
Tot Ion: 99 Resp: 244629

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

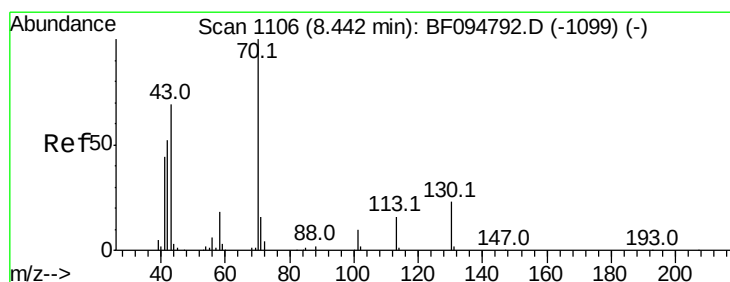
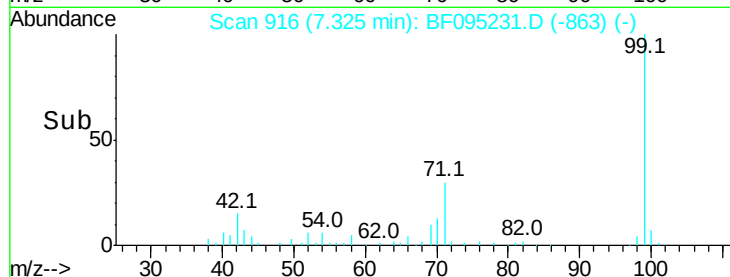
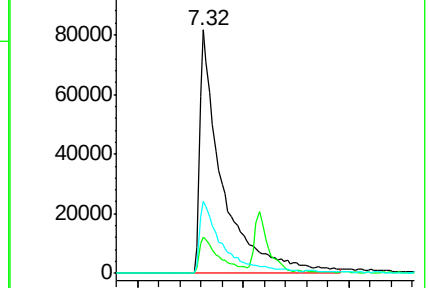
71 29.8 24.5 36.7



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: 17.18 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

Tgt Ion: 70 Resp: 71649

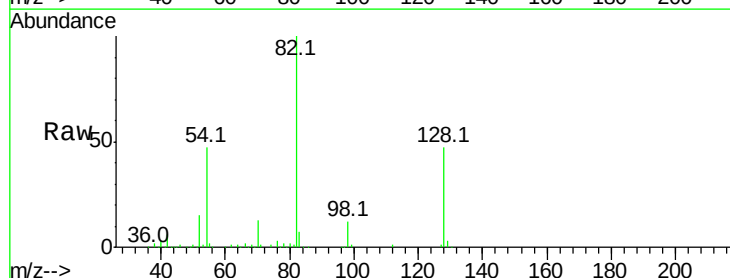
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

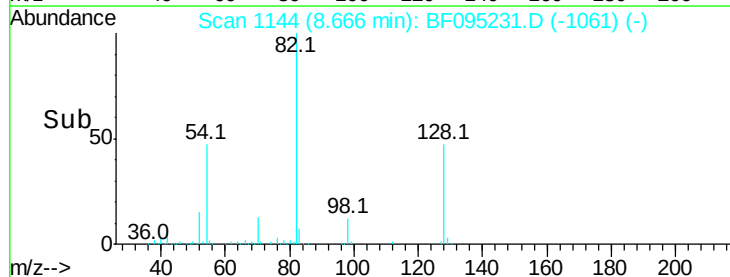
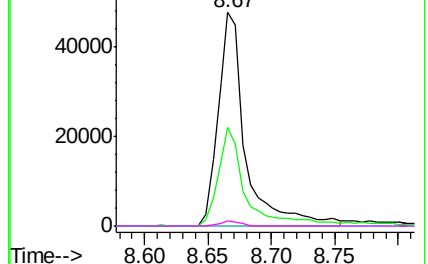


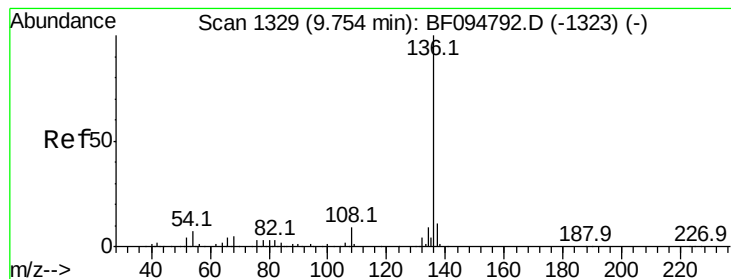
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095231.D

Acq: 18 May 2017 19:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 368759

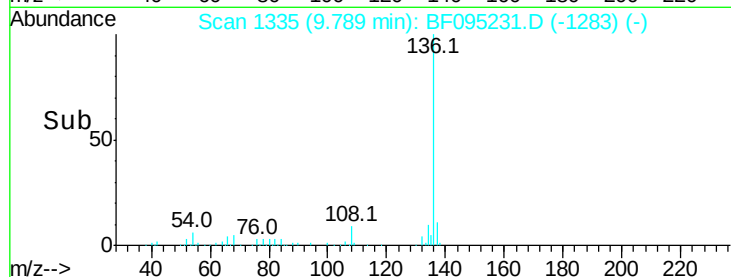
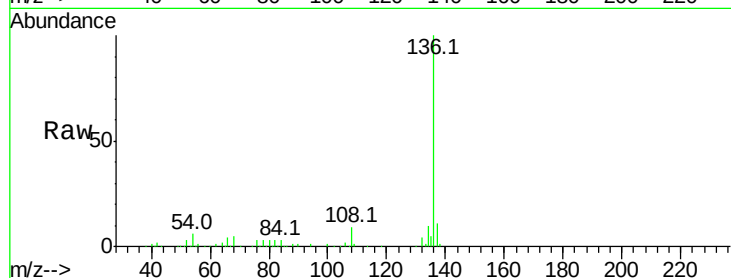
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 4.9 4.1 6.1

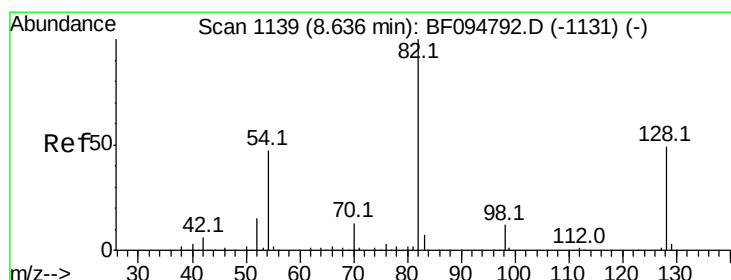
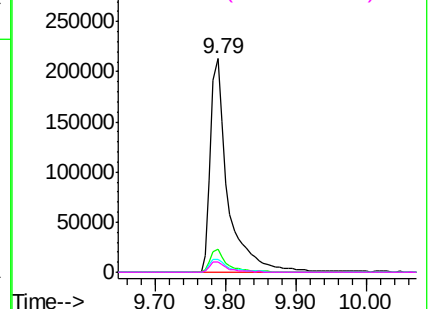


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.96 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

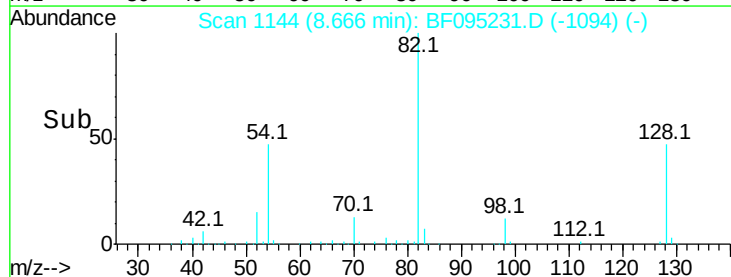
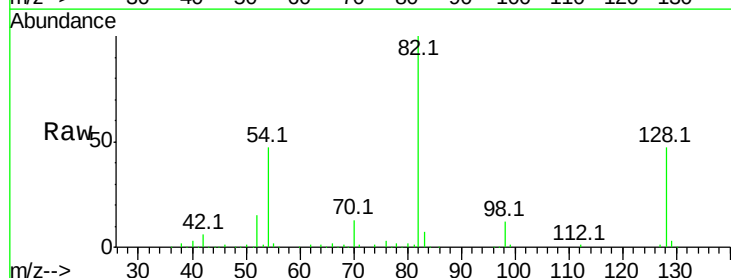
Tgt Ion: 82 Resp: 590418

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

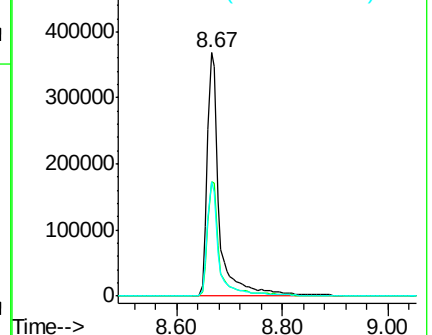
54 46.9 42.2 63.2

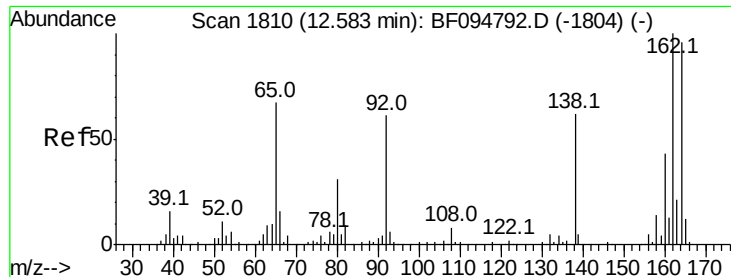


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095231.D

Acq: 18 May 2017 19:54

Instrument :

BNA_F

ClientSampleId :

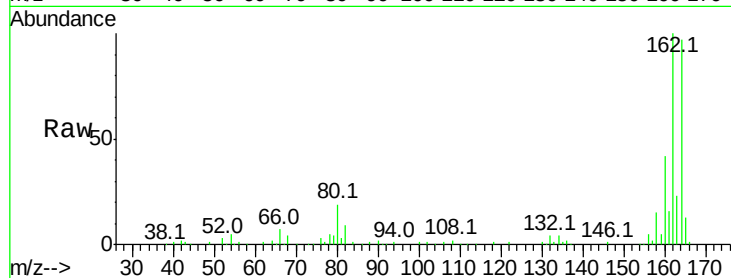
Tot Ion:164 Resp: 187906

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

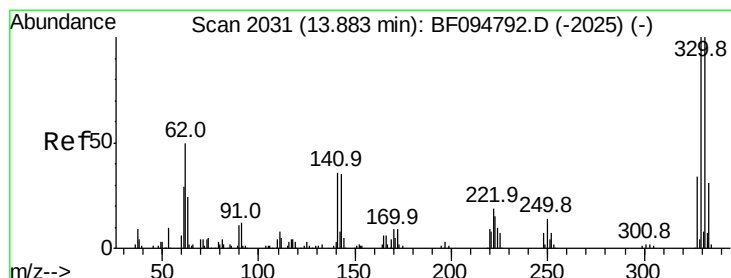
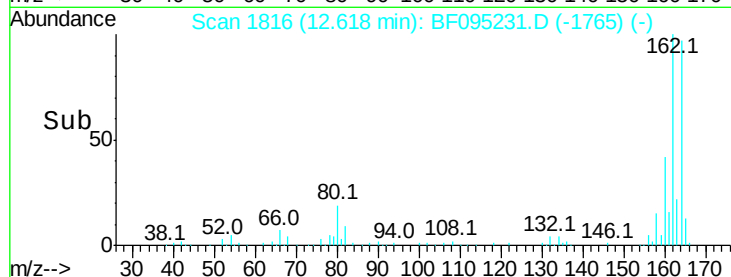
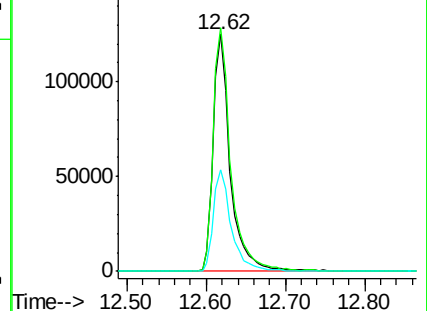
160 42.8 36.2 54.2



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: 118.95 ng

RT: 13.92 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

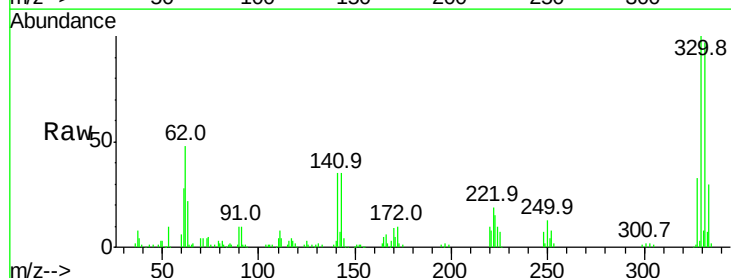
Tgt Ion:330 Resp: 183056

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

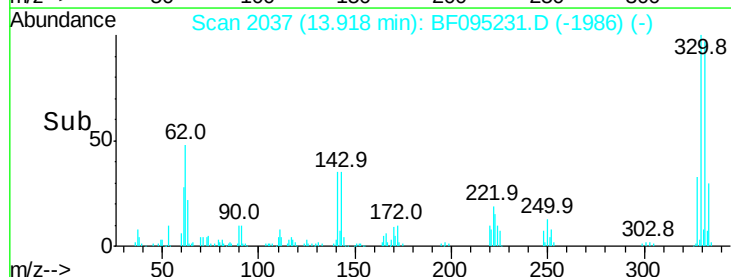
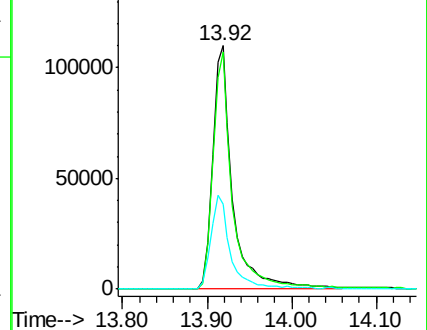
141 38.3 31.4 47.2

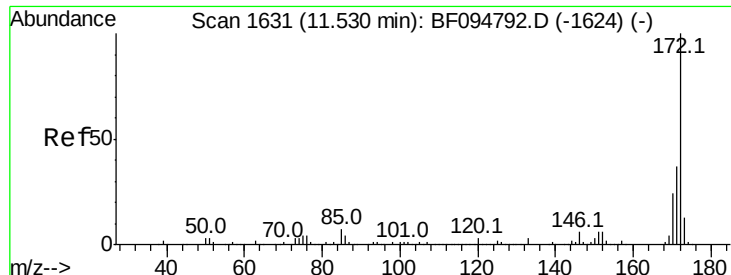


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

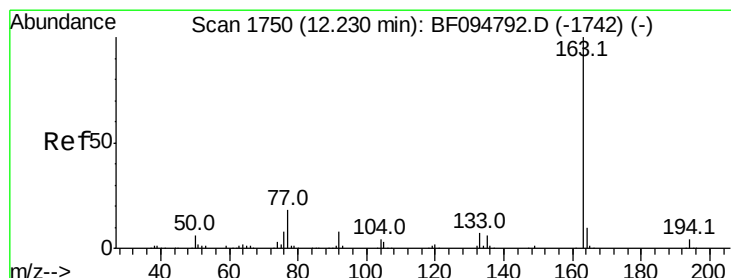
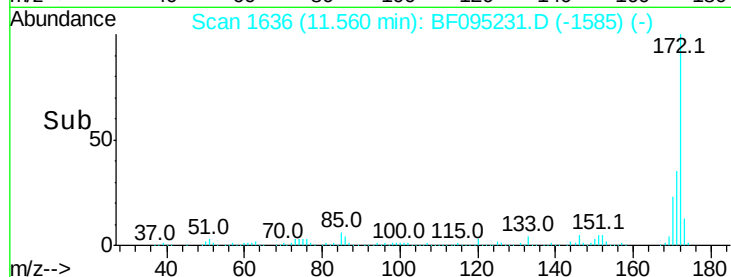
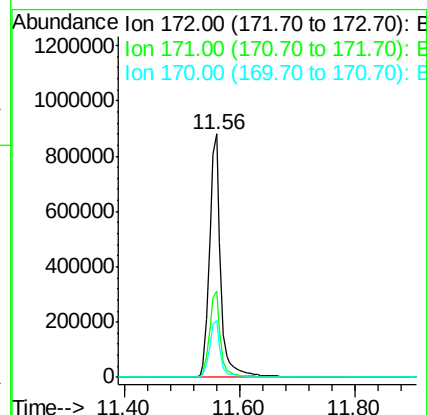
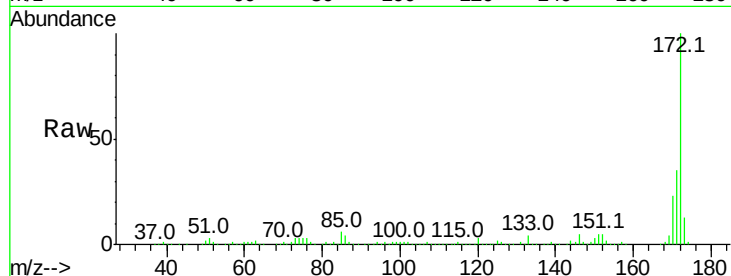




#44
2-Fluorobiphenyl
Concen: 93.75 ng
RT: 11.56 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BF095231.D
Acq: 18 May 2017 19:54

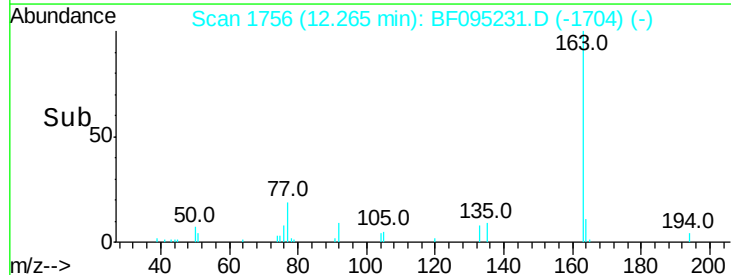
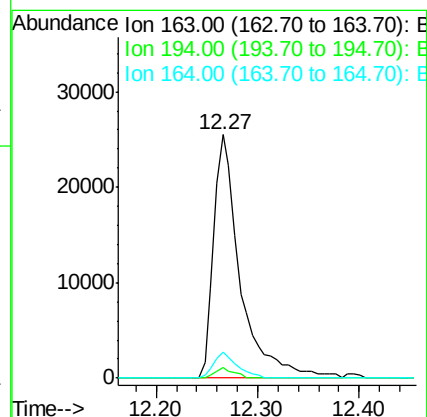
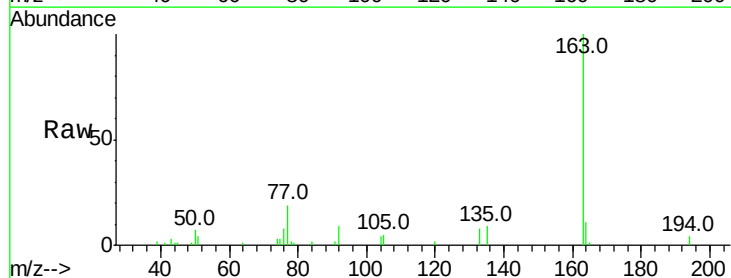
Instrument :
BNA_F
ClientSampled :

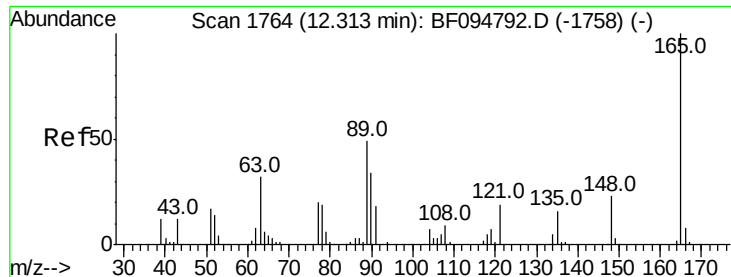
Tot Ion:172 Resp: 1223950
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 3.02 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF095231.D
Acq: 18 May 2017 19:54

Tgt Ion:163 Resp: 46519
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 10.9 8.4 12.6

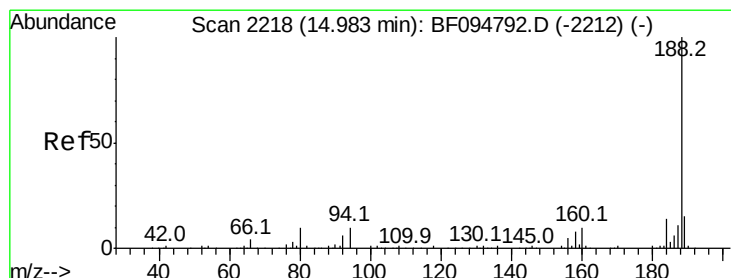
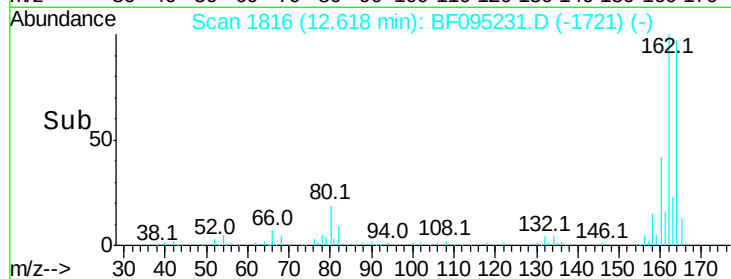
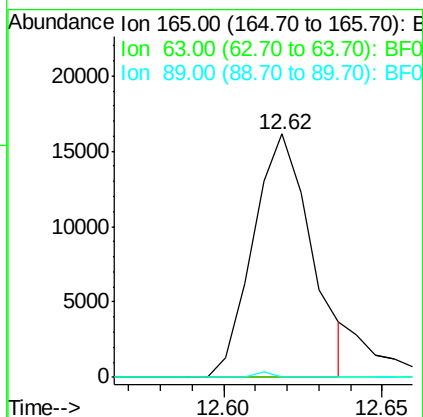
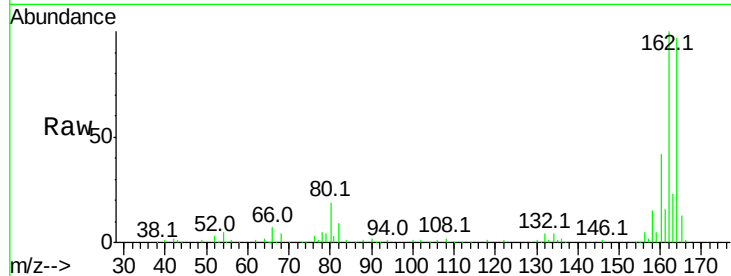




#50
 2,6-Dinitrotoluene
 Concen: 6.55 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095231.D
 Acq: 18 May 2017 19:54

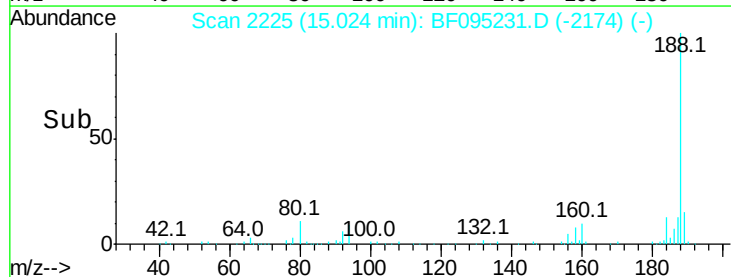
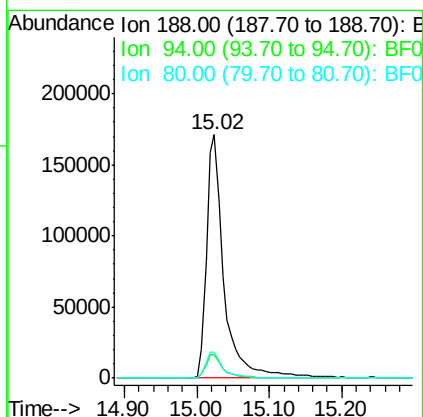
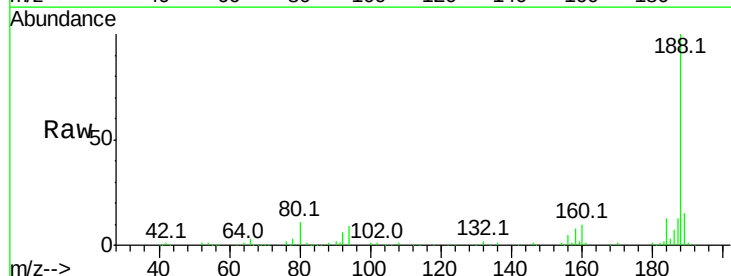
Instrument :
 BNA_F
 ClientSampleId :

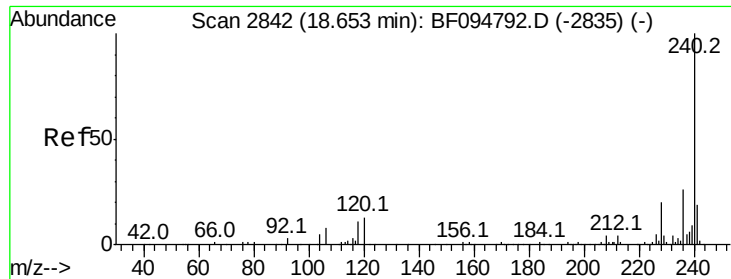
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF095231.D
 Acq: 18 May 2017 19:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

Instrument :

BNA_F

ClientSampleId :

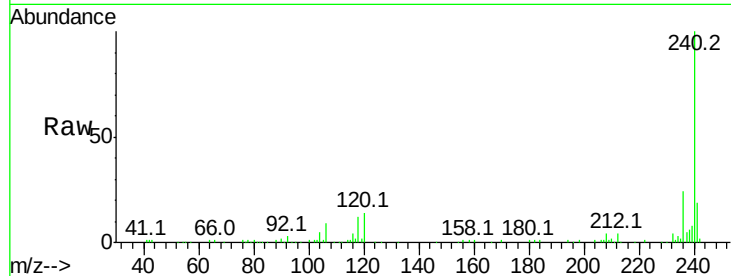
Tot Ion:240 Resp: 190329

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

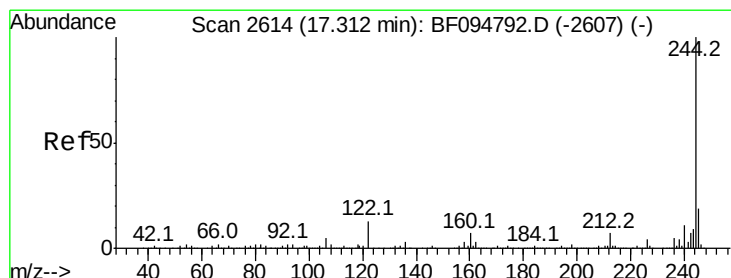
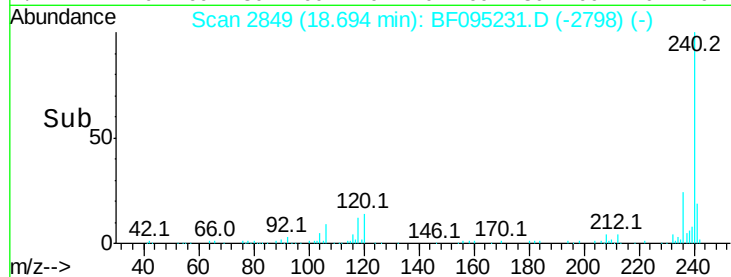
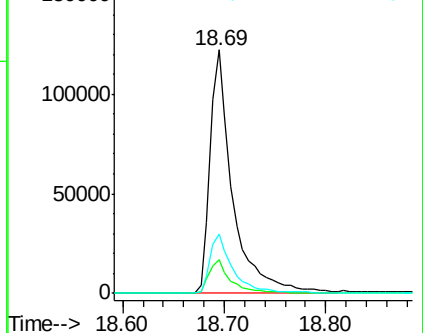
236 24.1 20.5 30.7



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: 101.84 ng

RT: 17.35 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BF095231.D

Acq: 18 May 2017 19:54

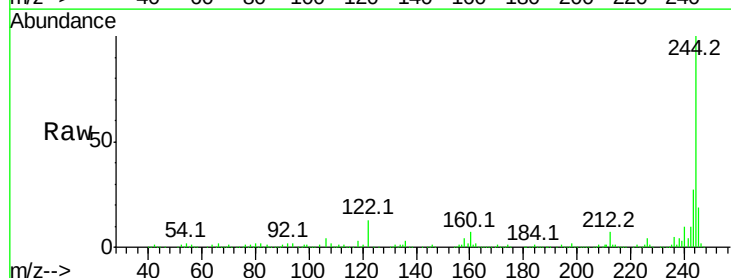
Tgt Ion:244 Resp: 880042

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

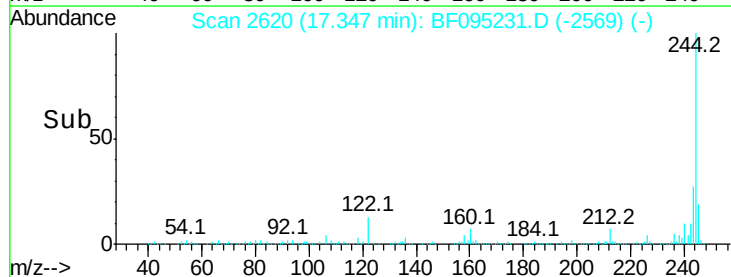
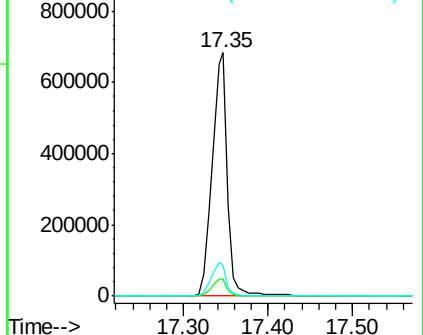
122 13.0 10.3 15.5

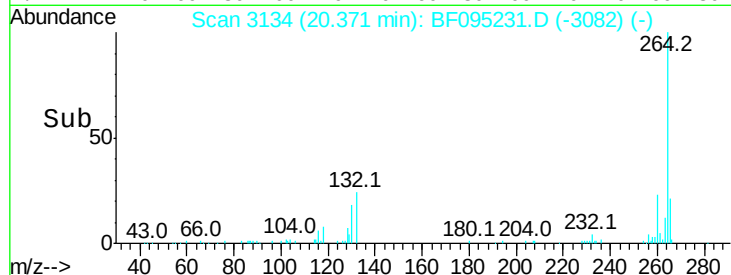
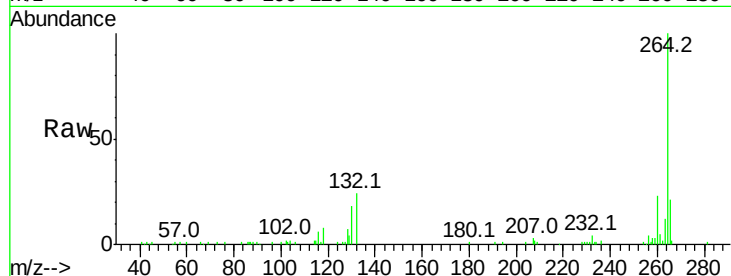
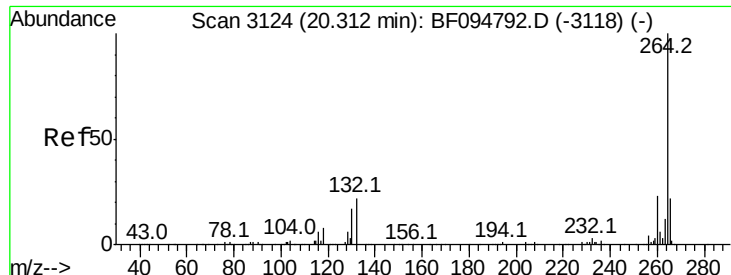


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
 Lab File: BF095231.D
 Acq: 18 May 2017 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	124049
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8

