

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095763.D
 Acq On : 8 Jun 2017 00:19
 Operator : SJ/MA
 Sample : I3487-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:10:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

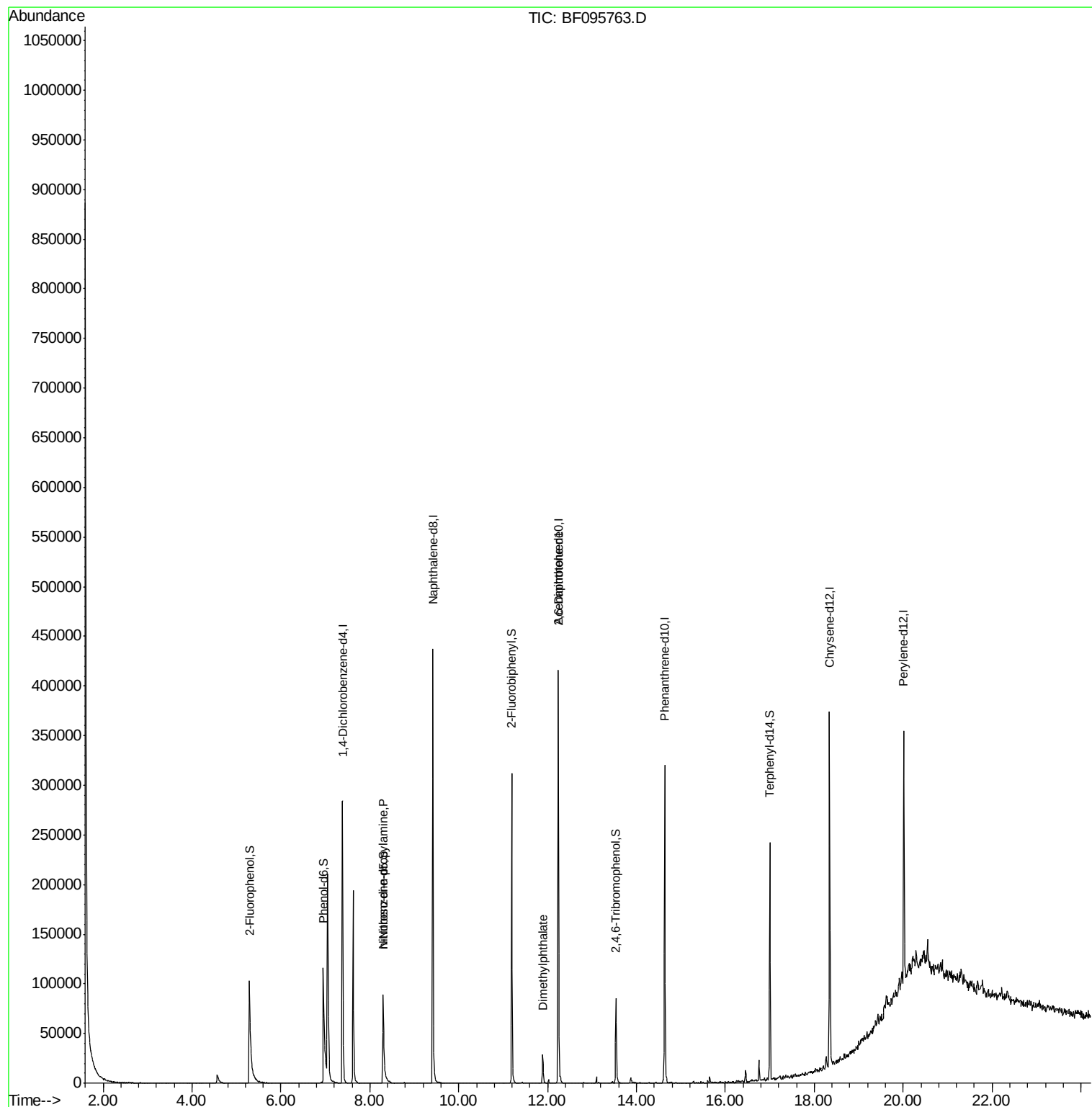
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	72023	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	283909	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	113585	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	169002	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	143155	20.00	ng	-0.01
86) Perylene-d12	20.01	264	99424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	96226	21.29	ng	0.00
7) Phenol-d6	6.95	99	121094	22.38	ng	0.00
23) Nitrobenzene-d5	8.30	82	65453	14.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	19078	18.98	ng	-0.01
44) 2-Fluorobiphenyl	11.19	172	138421	16.96	ng	-0.02
78) Terphenyl-d14	17.00	244	86237	14.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	7745	2.26	ng	# 75
49) Dimethylphthalate	11.89	163	22446	2.60	ng	96
50) 2,6-Dinitrotoluene	12.24	165	14636	7.78	ng	# 31

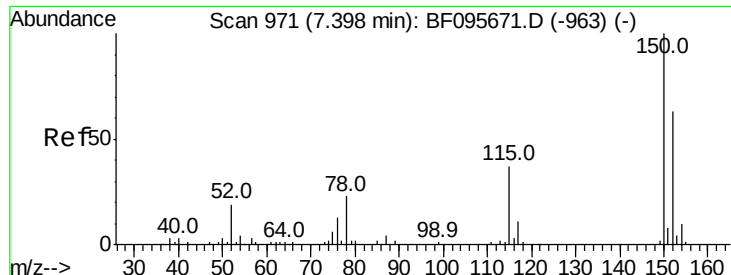
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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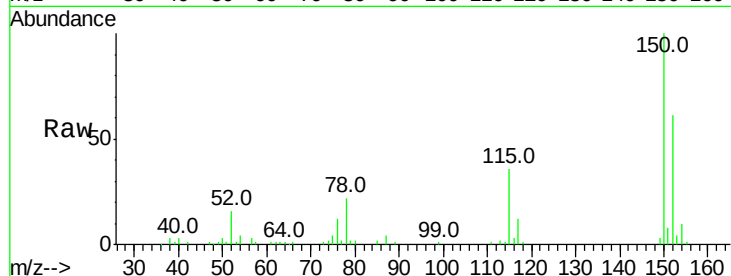


#1

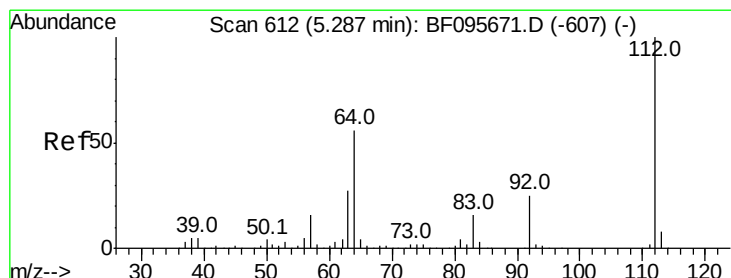
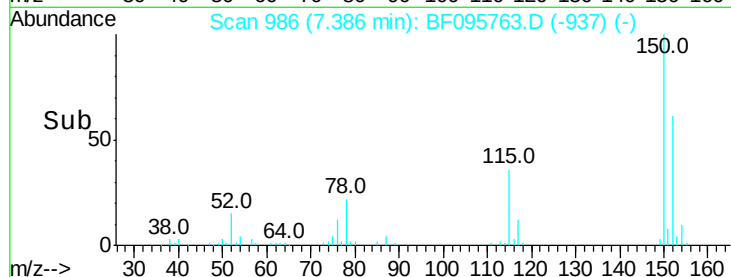
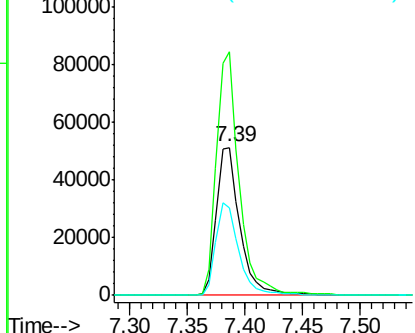
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72023
Ion Ratio Lower Upper
152 100
150 164.5 126.2 189.2
115 58.9 52.2 78.2



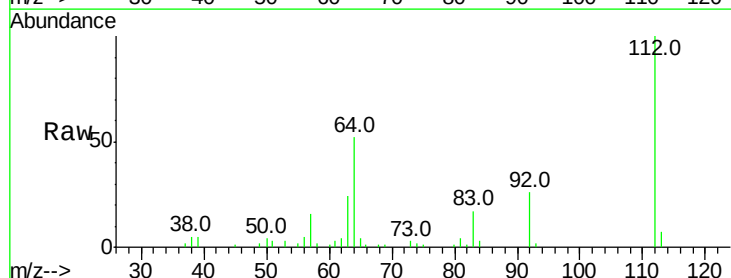
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



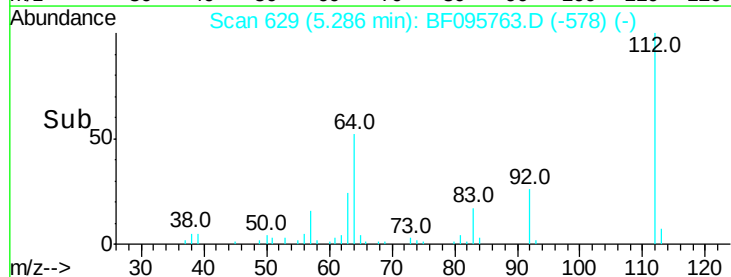
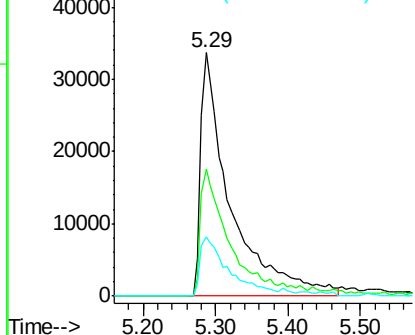
#5

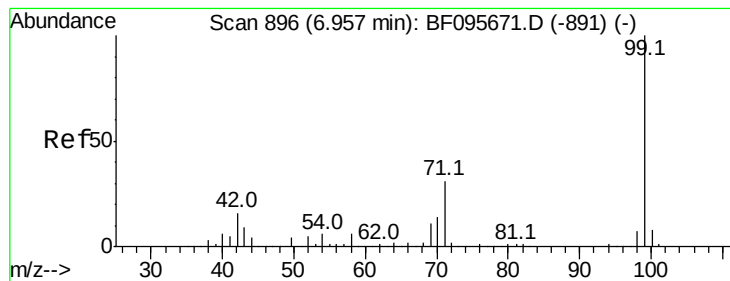
2-Fluorophenol
Concen: 21.29 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

Tgt Ion:112 Resp: 96226
Ion Ratio Lower Upper
112 100
64 52.3 46.0 69.0
63 24.4 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: 22.38 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

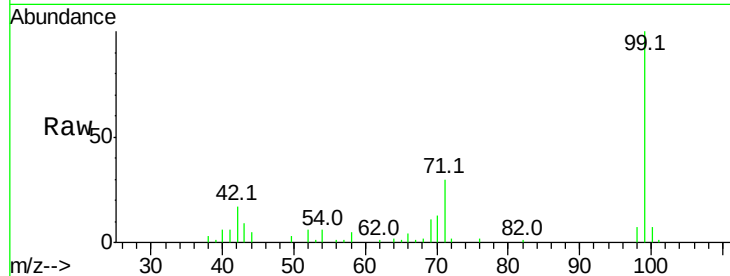
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 121094

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	30.3	24.5	36.7

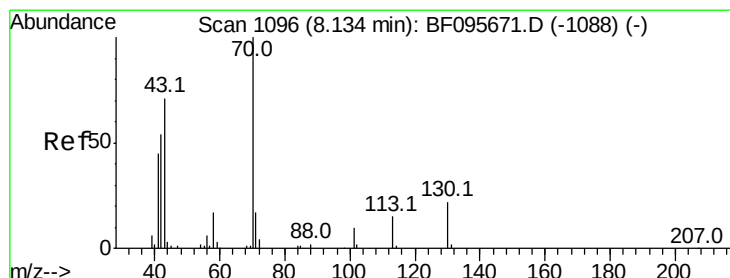
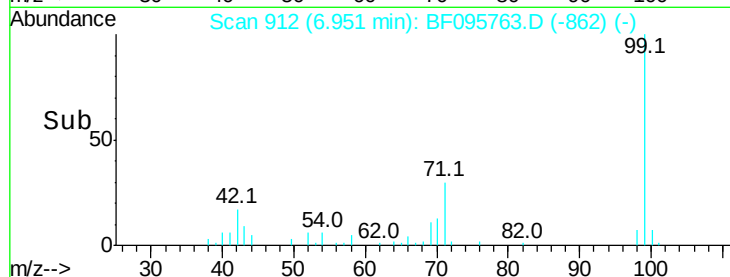


Abundance

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: 2.26 ng

RT: 8.30 min Scan# 1141

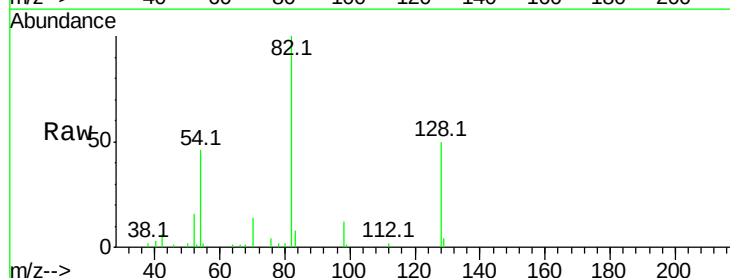
Delta R.T. 0.16 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

Tgt Ion: 70 Resp: 7745

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



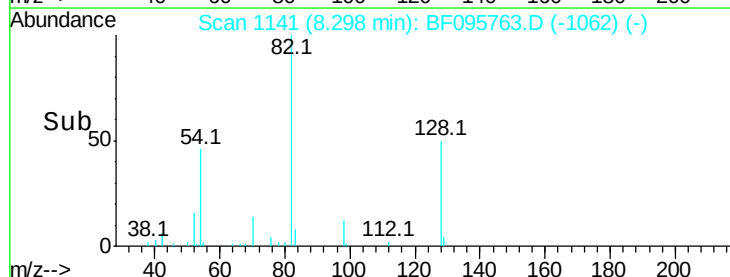
Abundance

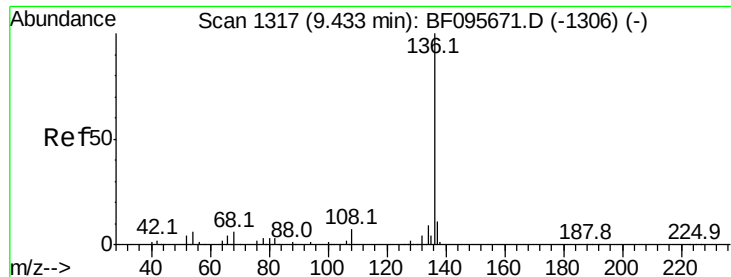
Ion 70.00 (69.70 to 70.70): BF0

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

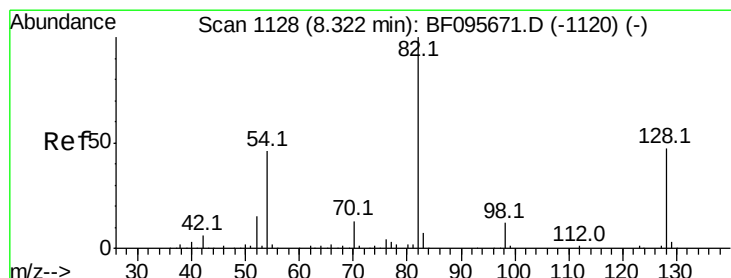
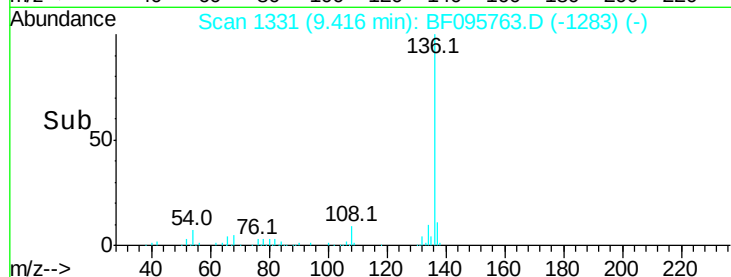
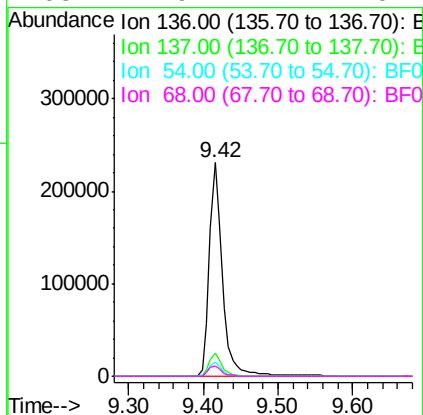
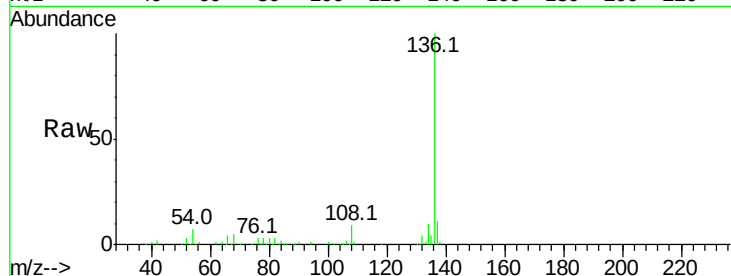




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

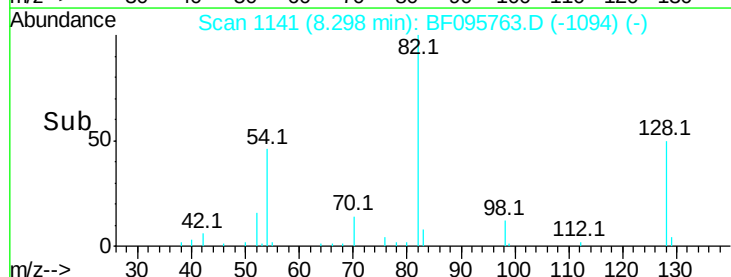
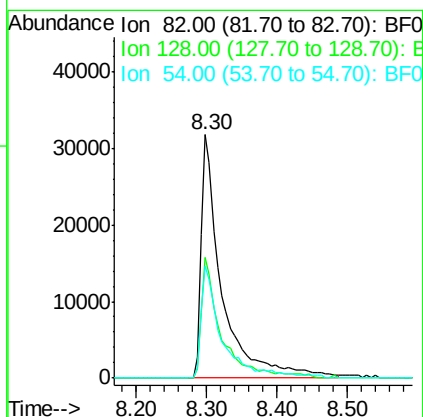
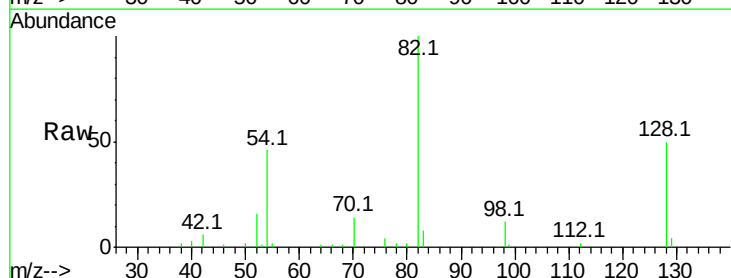
Instrument :
BNA_F
ClientSampleId :

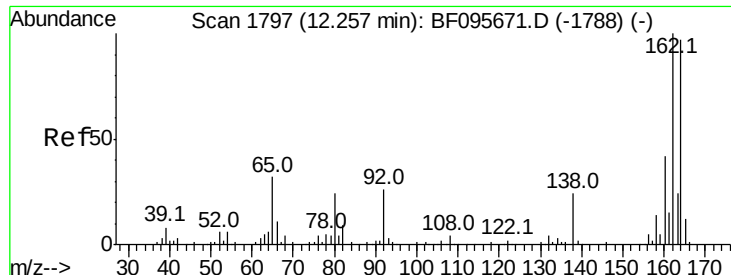
Tot Ion:136	Resp:	283909
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.5	12.7
54 6.9	4.9	7.3
68 4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 14.32 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

Tgt	Ion: 82	Resp:	65453
Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.0	51.0
54	45.7	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

Instrument :

BNA_F

ClientSampleId :

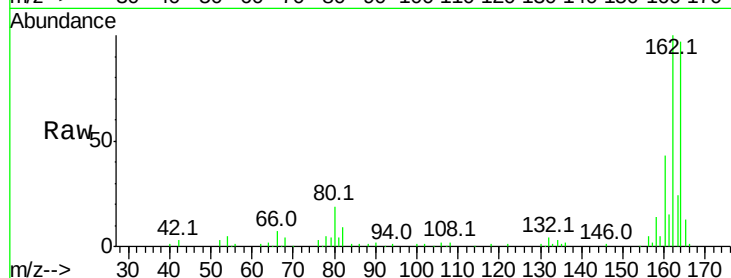
Tot Ion:164 Resp: 113585

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

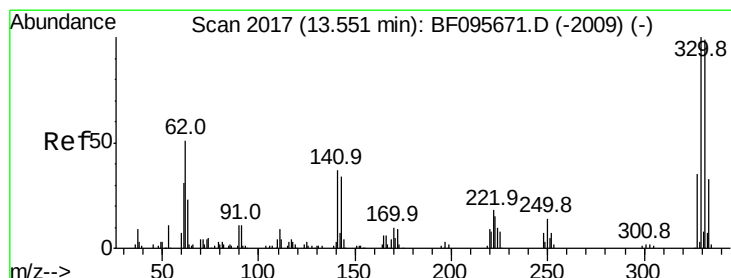
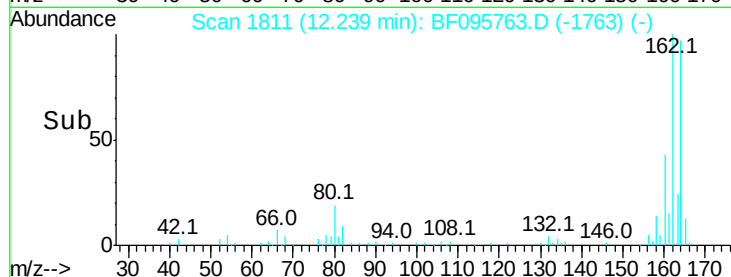
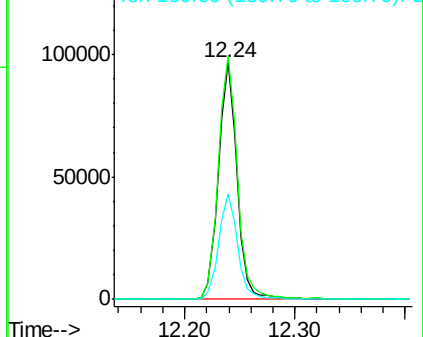
160 44.3 36.2 54.2



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: 18.98 ng

RT: 13.54 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

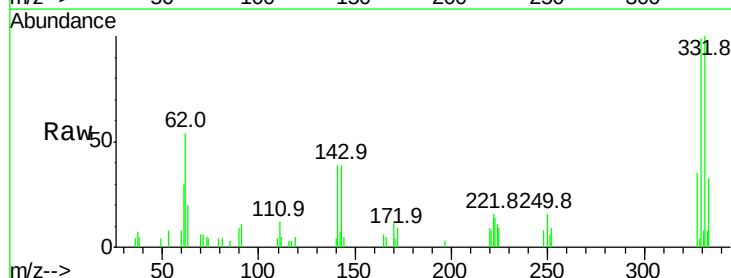
Tgt Ion:330 Resp: 19078

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

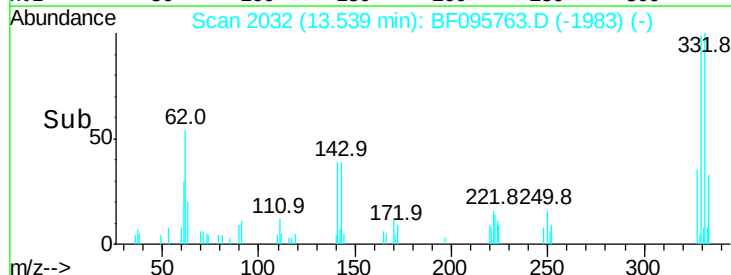
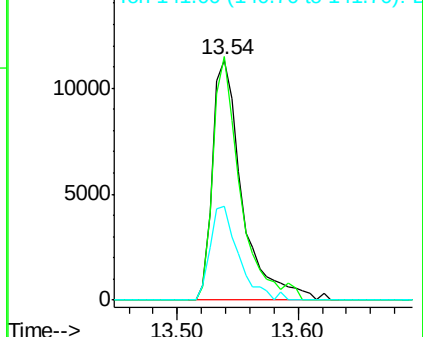
141 37.5 31.4 47.2

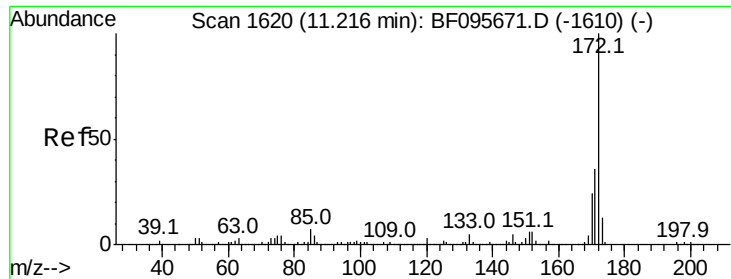


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

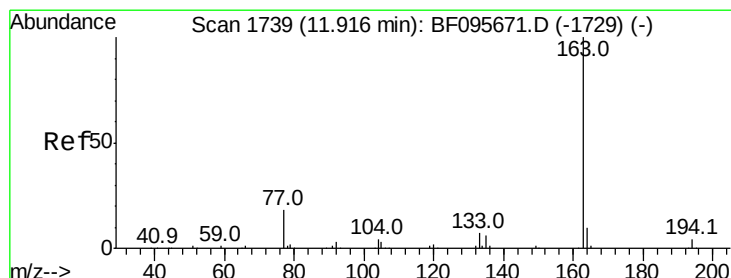
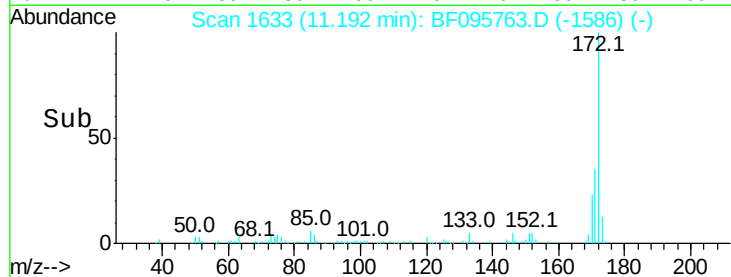
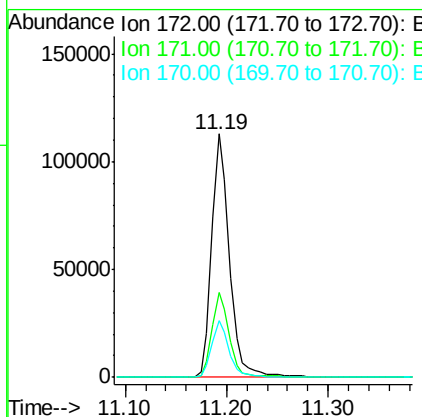
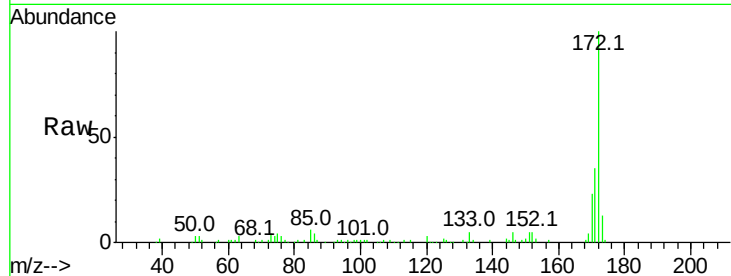




#44
2-Fluorobiphenyl
Concen: 16.96 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

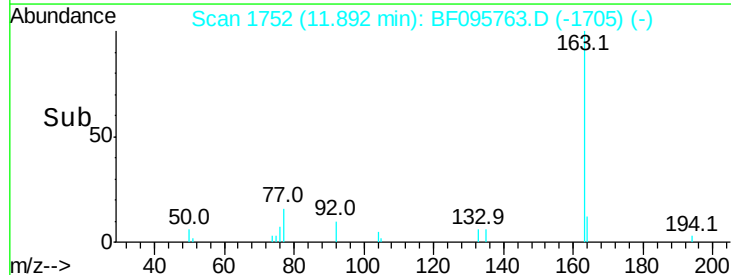
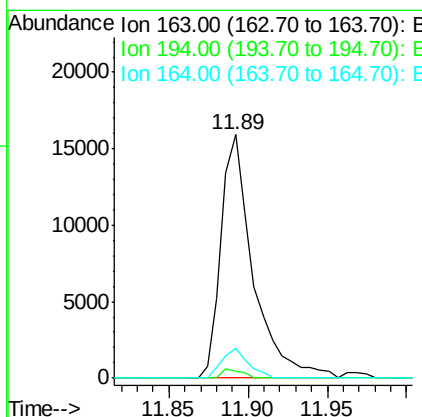
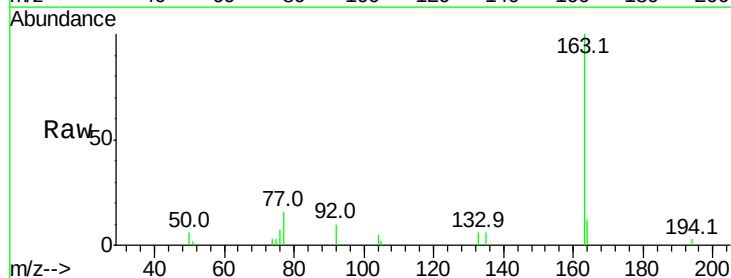
Instrument :
BNA_F
ClientSampled :

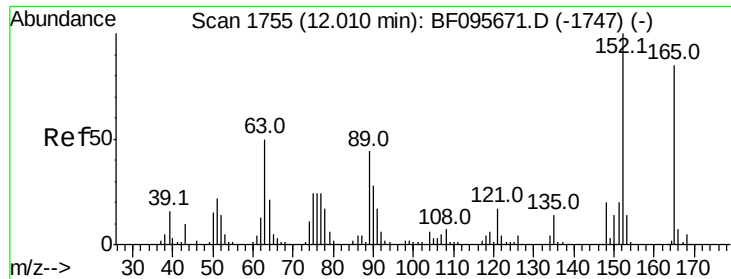
Tot Ion:172 Resp: 138421
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 2.60 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095763.D
Acq: 8 Jun 2017 00:19

Tgt Ion:163 Resp: 22446
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 12.2 8.4 12.6

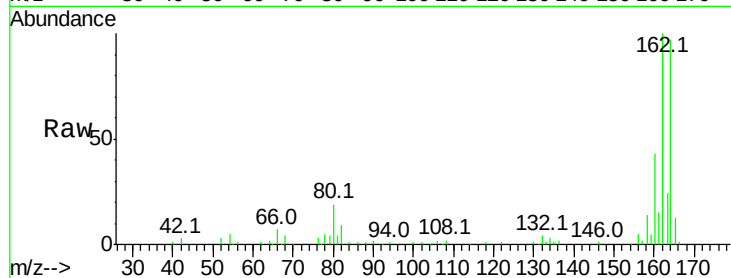




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. 0.23 min
 Lab File: BF095763.D
 Acq: 8 Jun 2017 00:19

Instrument :
 BNA_F
 ClientSampleId :

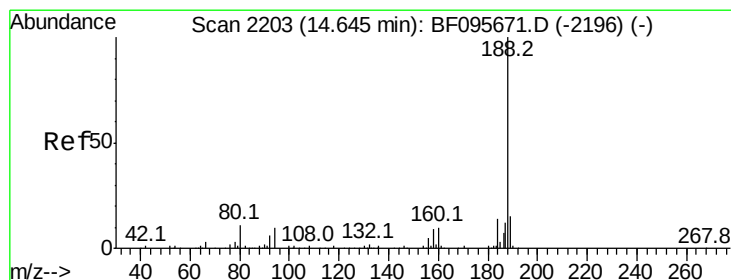
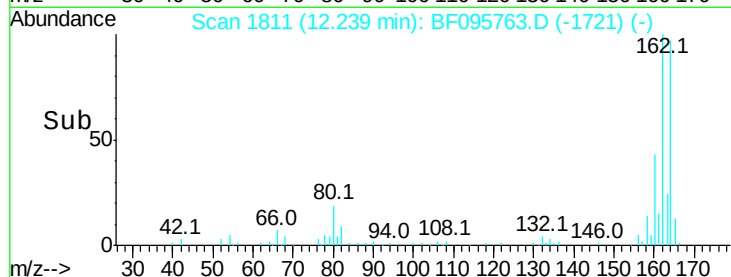
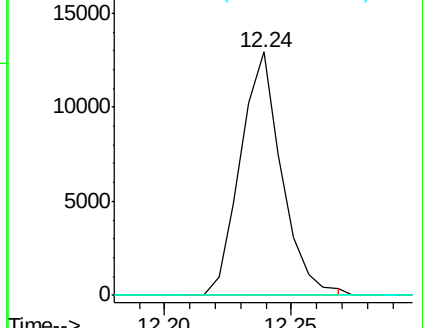
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

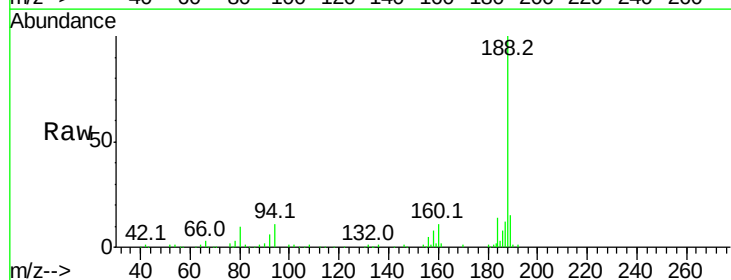
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BF095763.D
 Acq: 8 Jun 2017 00:19

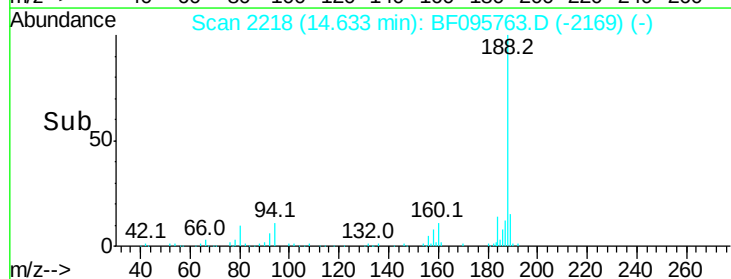
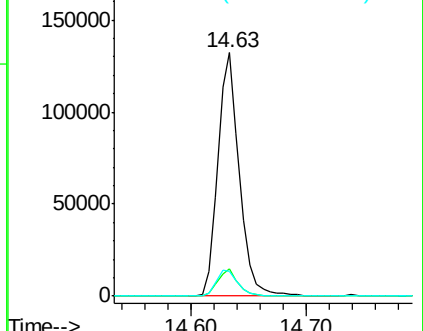
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.1	10.2	15.2#

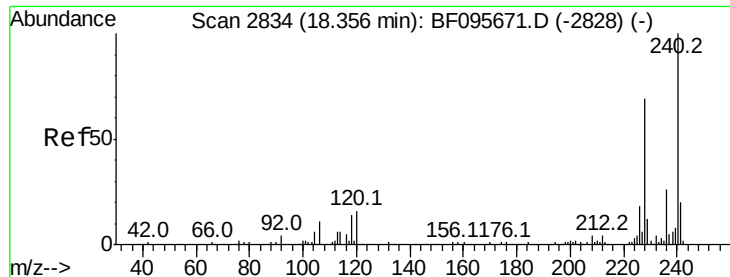


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

Instrument :

BNA_F

ClientSampleId :

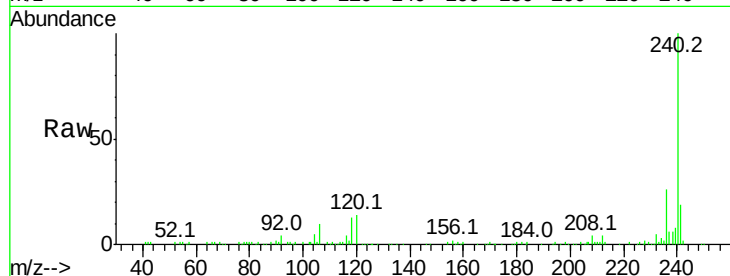
Tot Ion:240 Resp: 143155

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

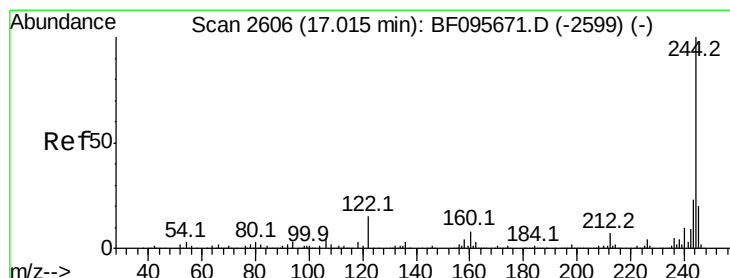
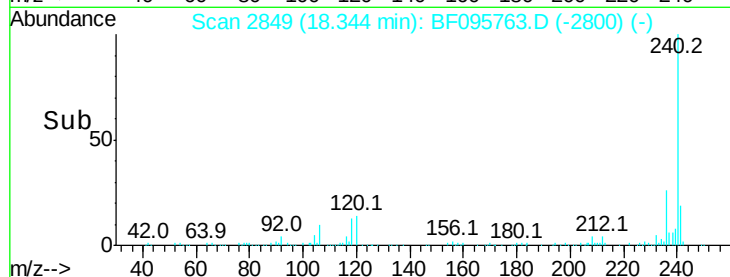
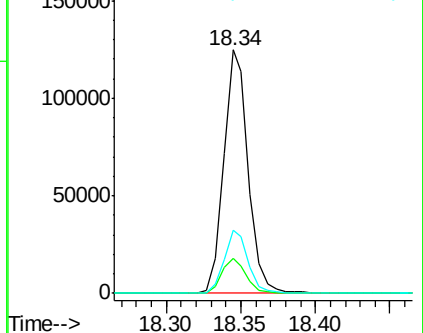
236 26.1 20.5 30.7



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: 14.95 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

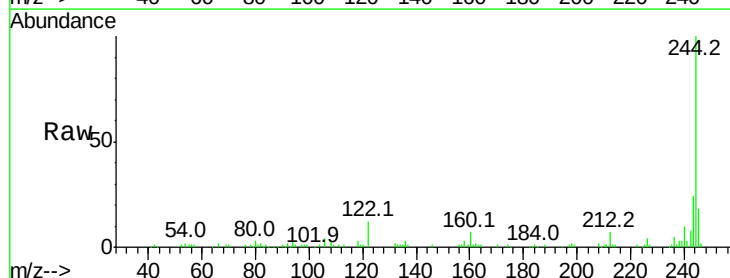
Tgt Ion:244 Resp: 86237

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

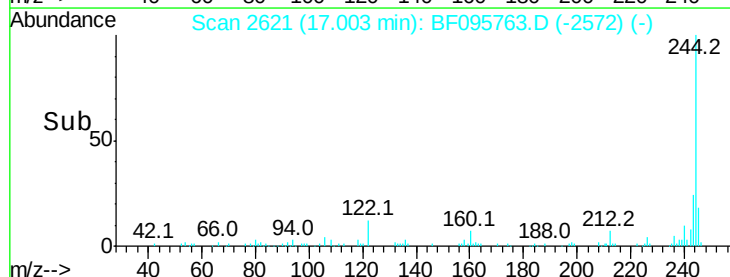
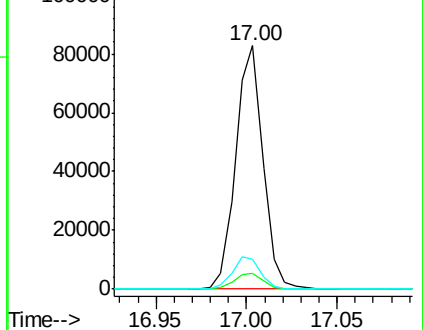
122 12.4 10.3 15.5

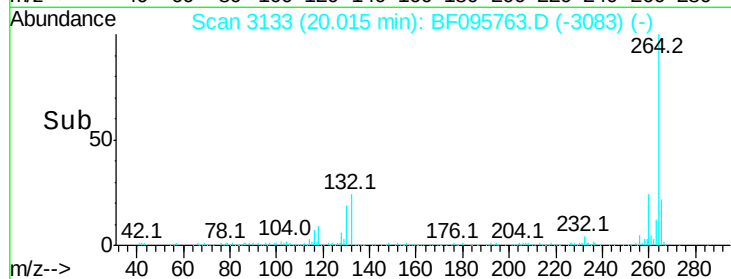
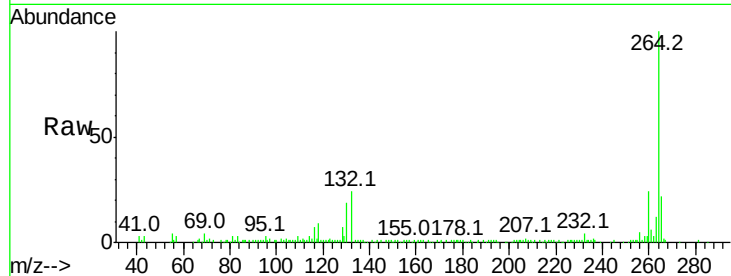
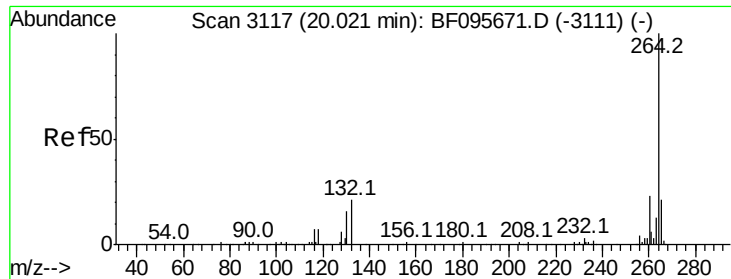


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.01 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BF095763.D

Acq: 8 Jun 2017 00:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 99424

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.9 17.2 25.8

