

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099021.D
 Acq On : 3 Oct 2017 1:10
 Operator : SJ/JU
 Sample : I5531-05 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 04:48:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

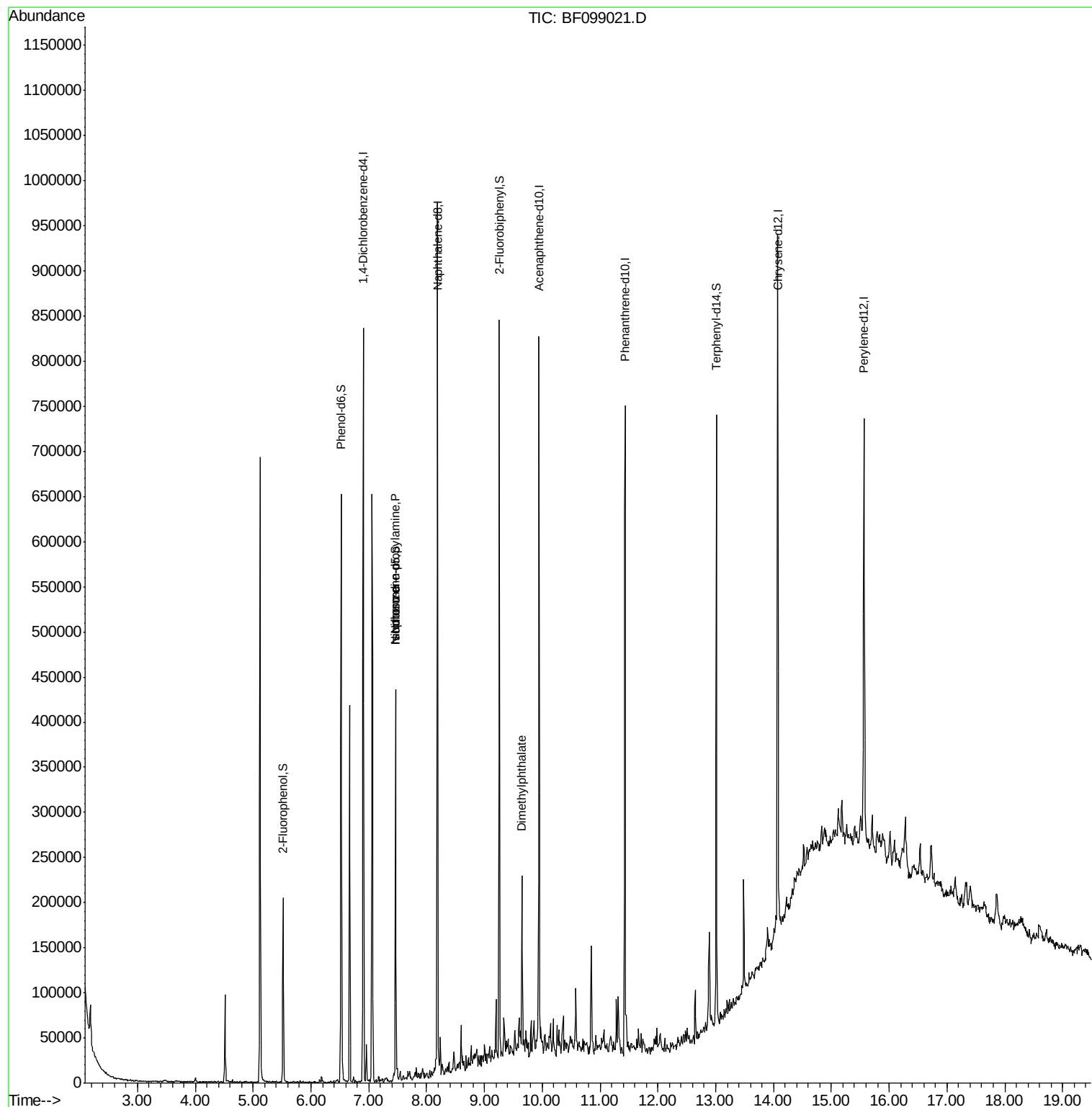
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110991	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	402580	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	149060	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	242375	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	246399	20.00	ng	-0.01
86) Perylene-d12	15.57	264	196234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	53104	7.62	ng	-0.02
7) Phenol-d6	6.52	99	200433	23.30	ng	-0.02
23) Nitrobenzene-d5	7.46	82	127767	20.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	504	0.41	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	229915	25.75	ng	-0.02
78) Terphenyl-d14	13.01	244	184780	17.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	16918	3.08	ng	# 79
25) Isophorone	7.46	82	127765	9.84	ng	# 64
49) Dimethylphthalate	9.65	163	34556	3.07	ng	# 98

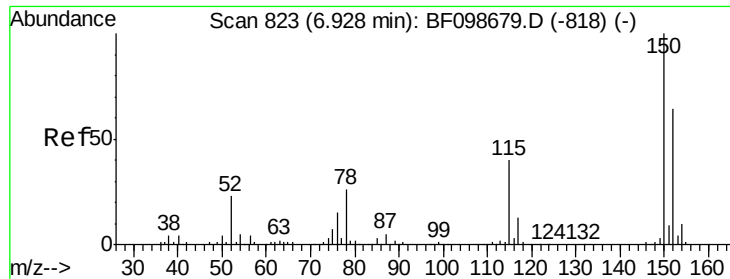
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

Instrument :

BNA_F

ClientSampled :

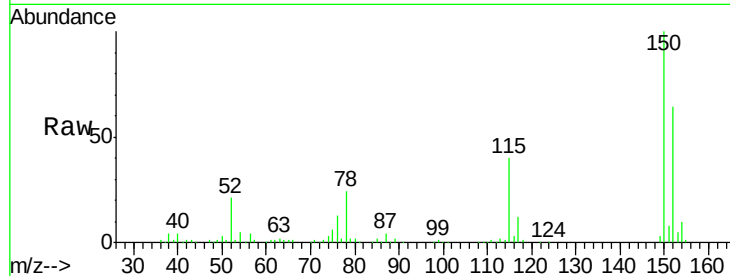
Tot Ion:152 Resp: 110991

Ion Ratio Lower Upper

152 100

150 157.0 124.6 186.8

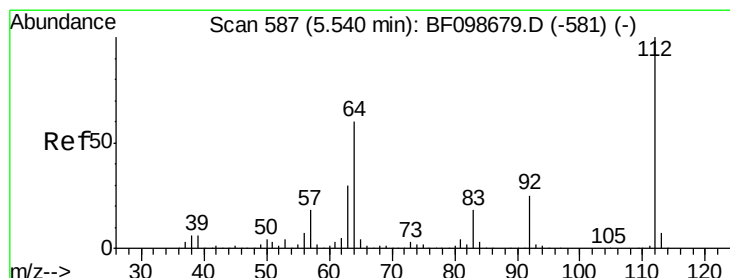
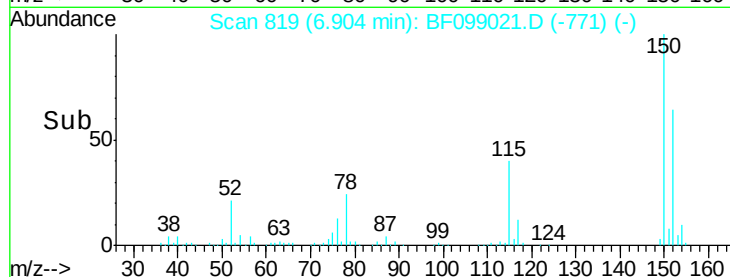
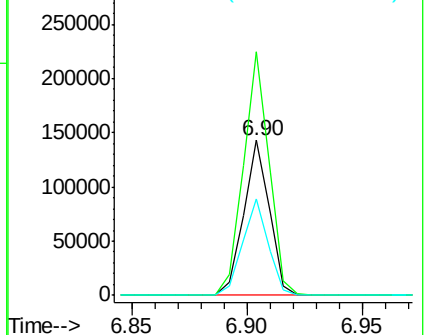
115 62.1 50.1 75.1



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: 7.62 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

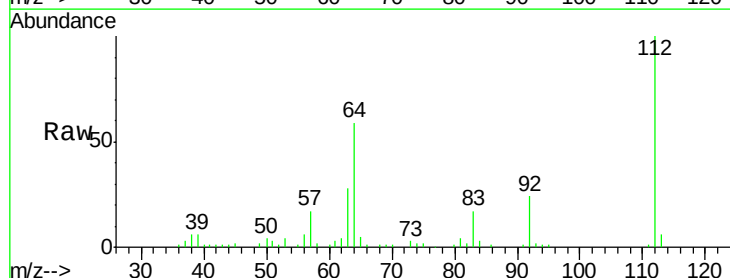
Tgt Ion:112 Resp: 53104

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

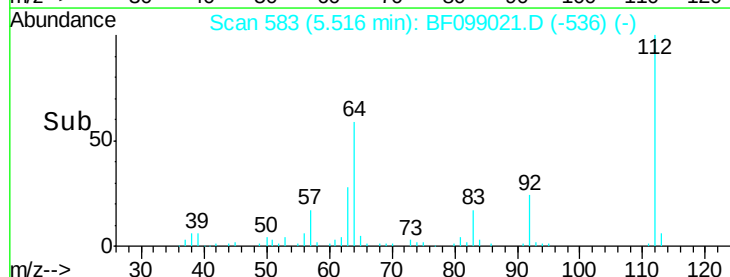
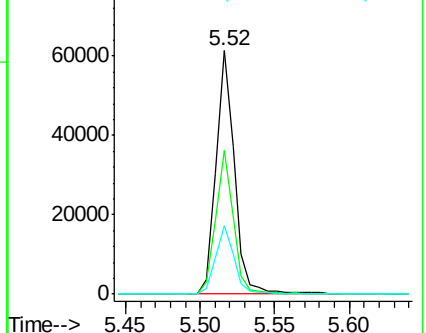
63 27.8 23.7 35.5

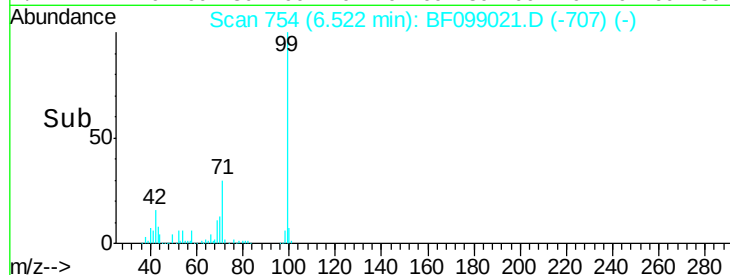
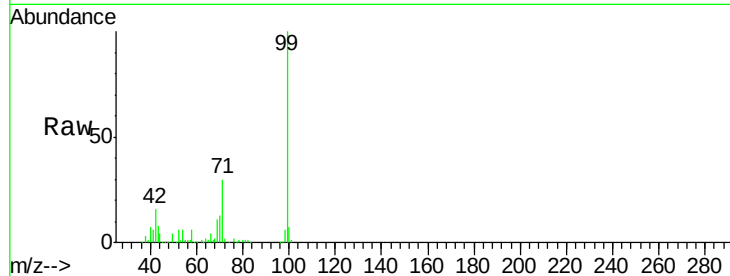
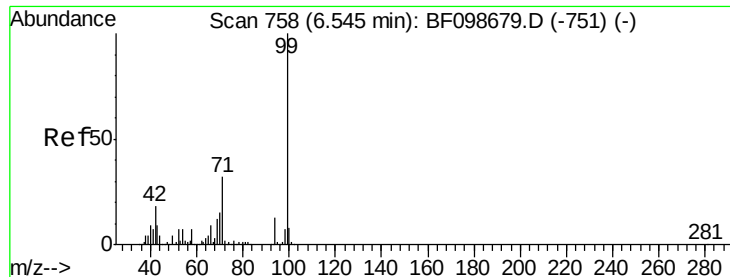


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.30 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

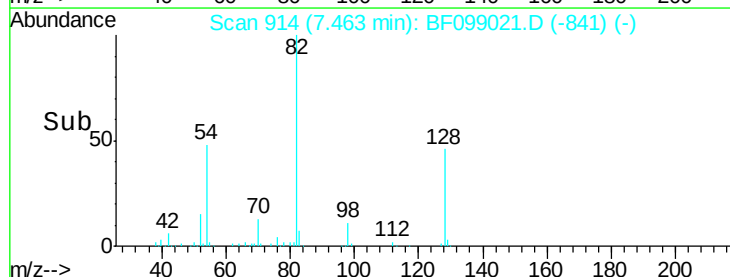
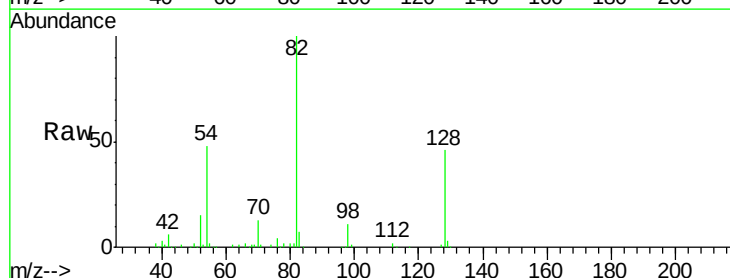
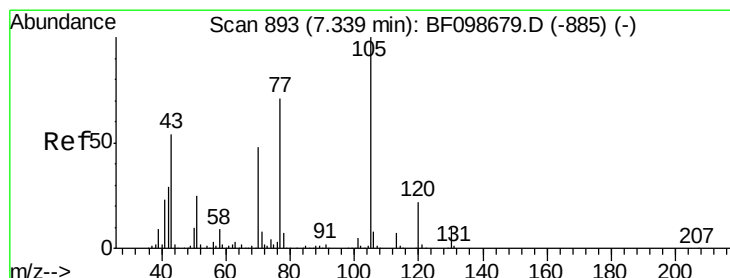
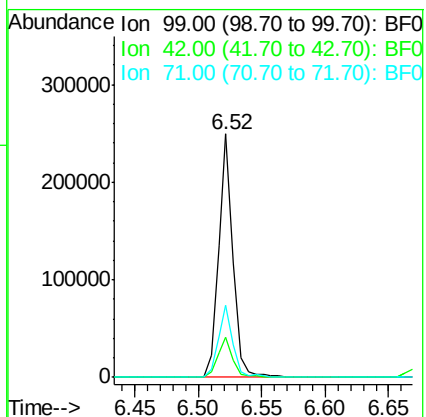
Tot Ion: 99 Resp: 200433

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 29.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.08 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.13 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

Tgt Ion: 70 Resp: 16918

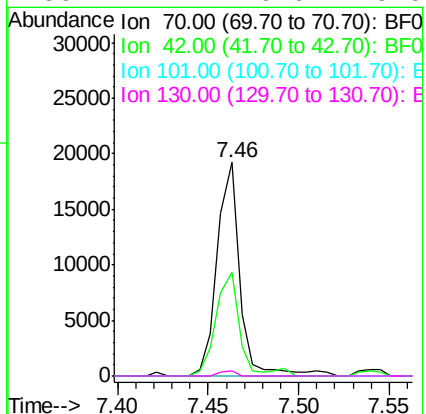
Ion Ratio Lower Upper

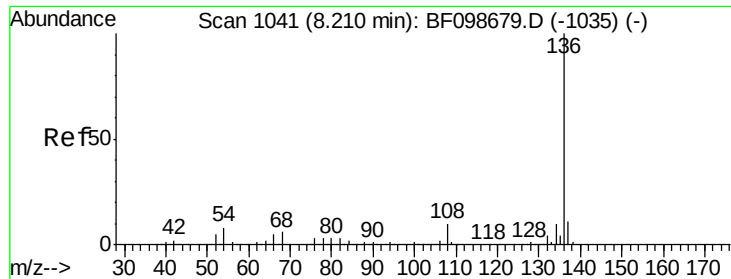
70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

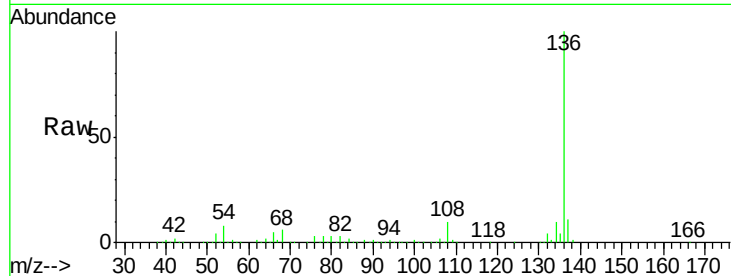




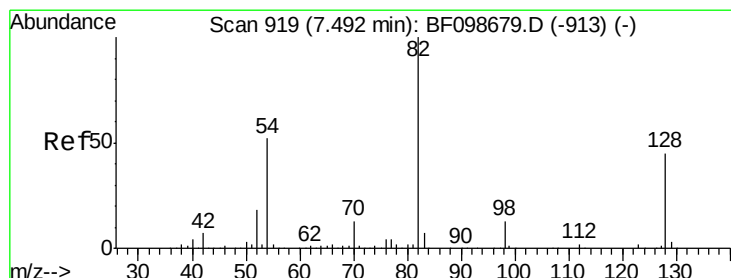
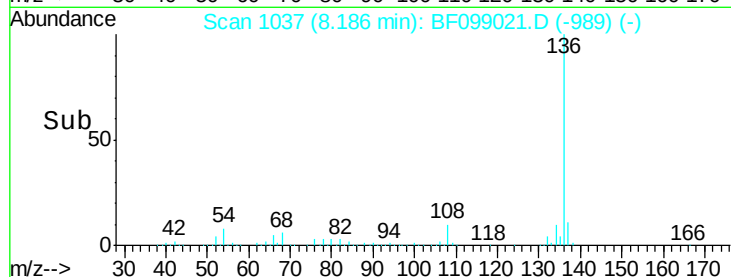
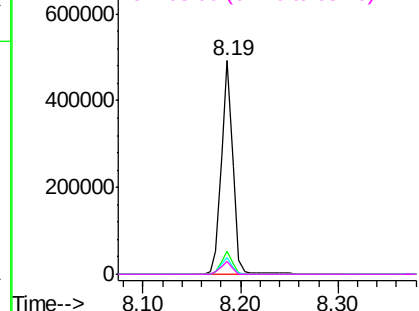
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099021.D
Acq: 3 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	402580
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.8	6.6 9.8
68	6.1	5.0 7.4

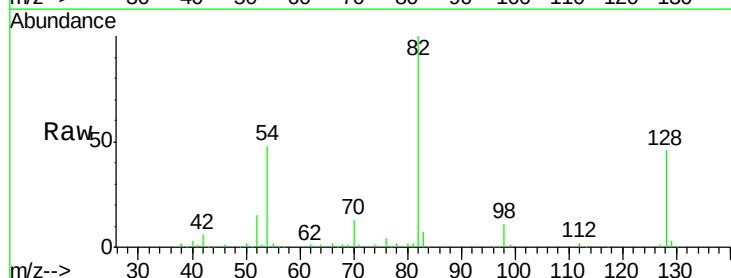


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

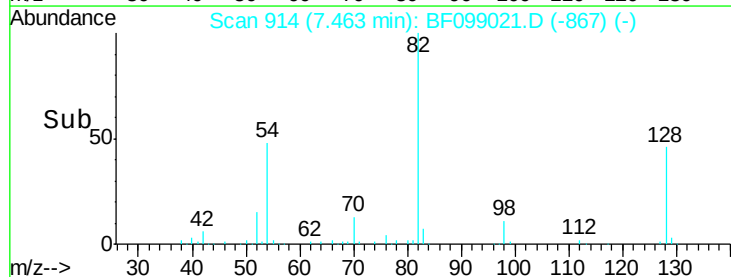
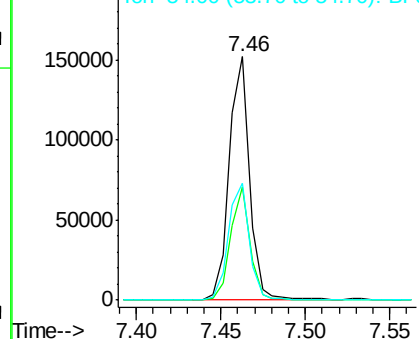


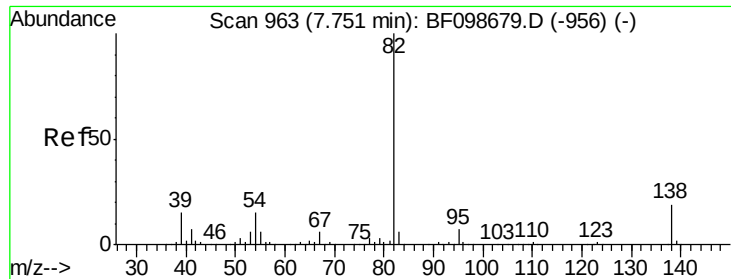
#23
Nitrobenzene-d5
Concen: 20.35 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099021.D
Acq: 3 Oct 2017 1:10

Tgt Ion: 82	Resp:	127767
Ion	Ratio	Lower Upper
82	100	
128	46.2	36.1 54.1
54	48.0	41.4 62.2



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





#25

Isophorone

Concen: 9.84 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.28 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

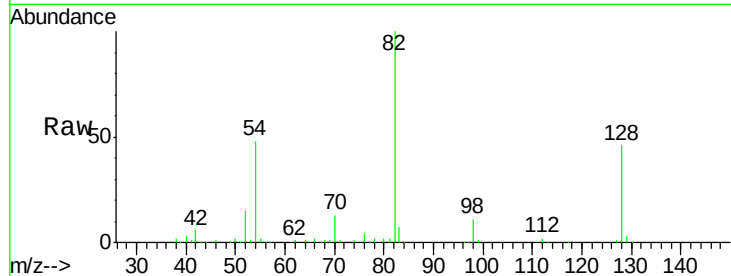
Tot Ion: 82 Resp: 127765

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

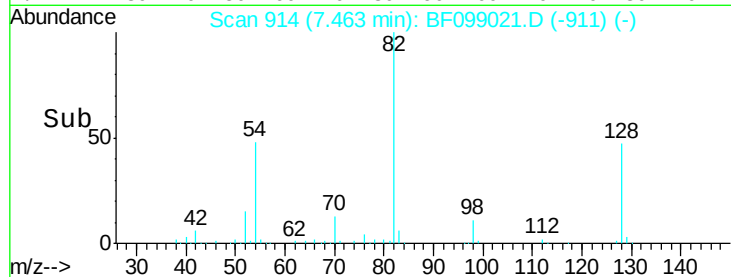


Abundance Ion 82.00 (81.70 to 82.70): BF0

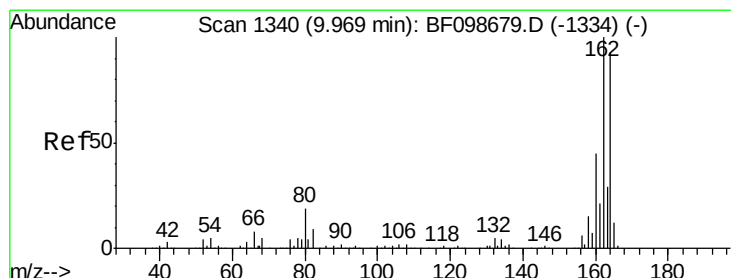
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

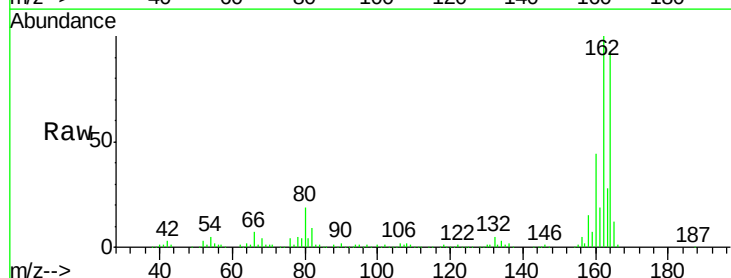
Tgt Ion:164 Resp: 149060

Ion Ratio Lower Upper

164 100

162 108.1 86.1 129.1

160 47.6 38.3 57.5

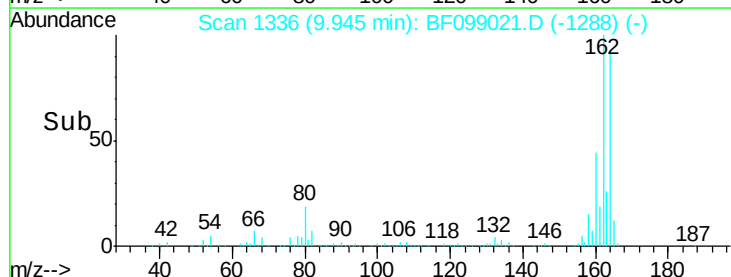


Abundance Ion 164.00 (163.70 to 164.70): E

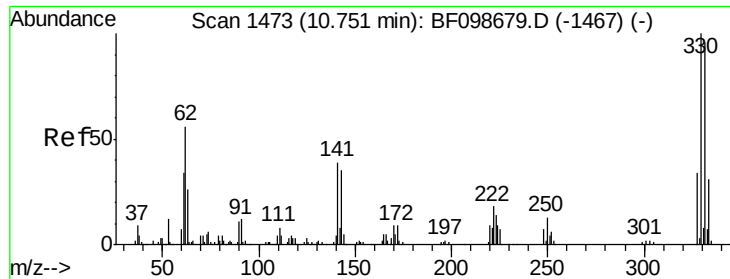
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



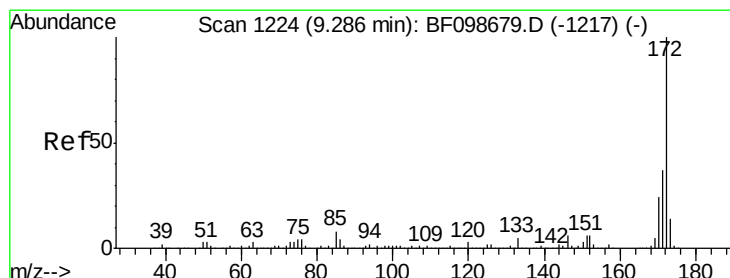
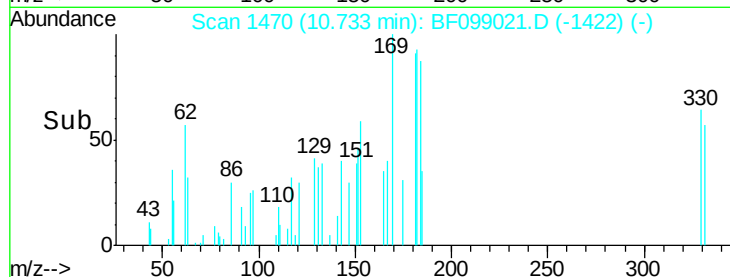
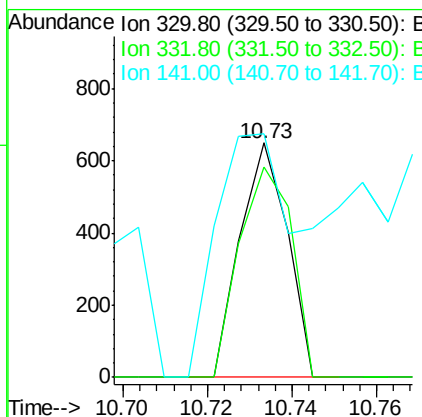
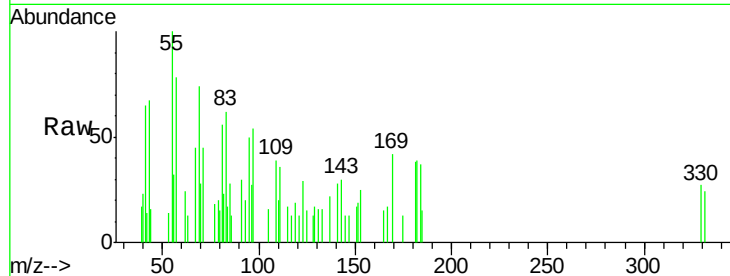
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF099021.D
 Acq: 3 Oct 2017 1:10

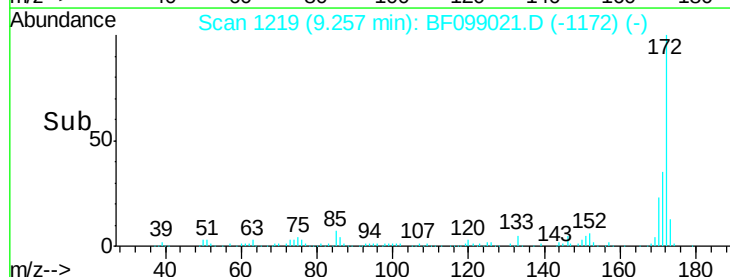
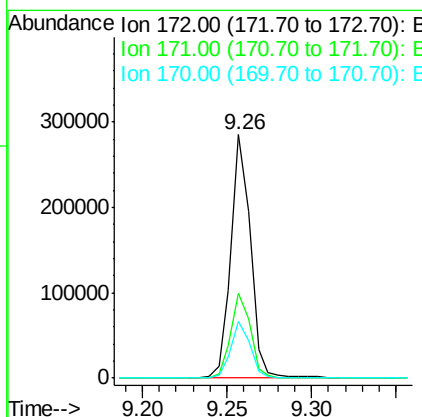
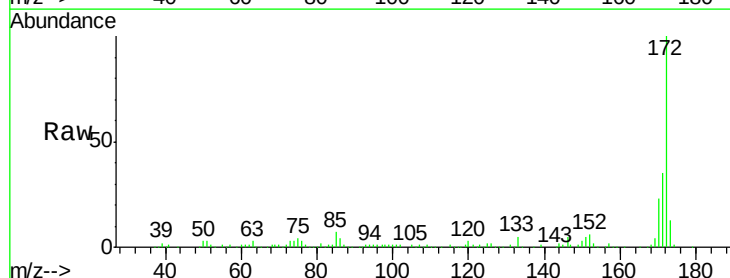
Instrument :
 BNA_F
 ClientSampled :

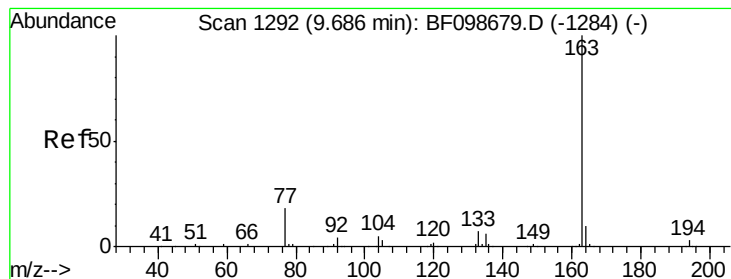
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	180.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 25.75 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099021.D
 Acq: 3 Oct 2017 1:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.3	19.6	29.4





#49

Dimethylphthalate

Concen: 3.07 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.03 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

Instrument :

BNA_F

ClientSampled :

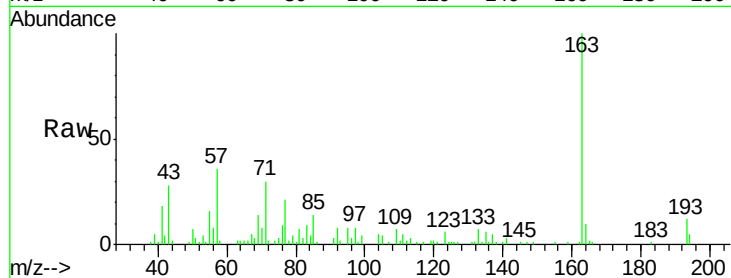
Tot Ion:163 Resp: 34556

Ion Ratio Lower Upper

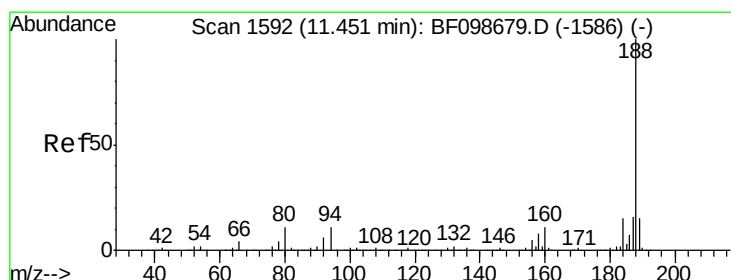
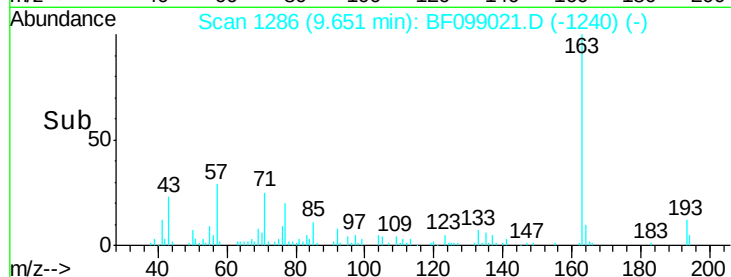
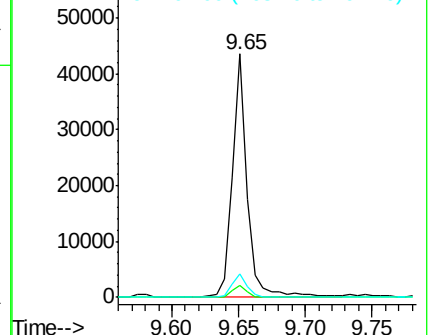
163 100

194 4.7 2.7 4.1#

164 9.6 8.2 12.2



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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF099021.D

Acq: 3 Oct 2017 1:10

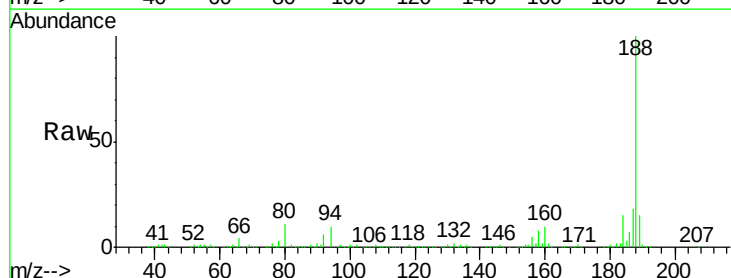
Tgt Ion:188 Resp: 242375

Ion Ratio Lower Upper

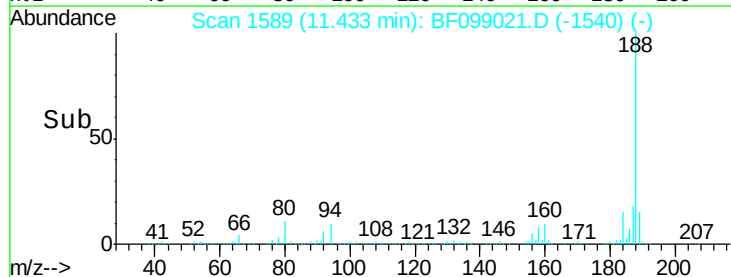
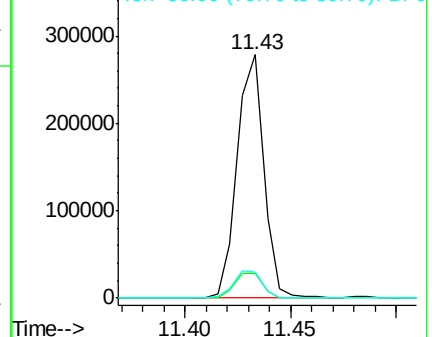
188 100

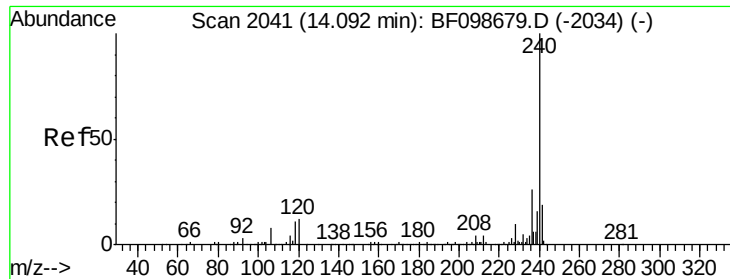
94 10.2 8.5 12.7

80 10.9 9.2 13.8



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

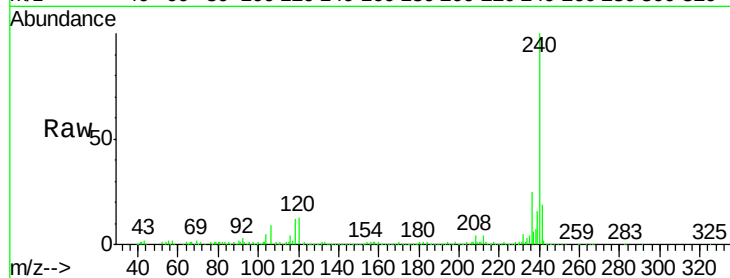




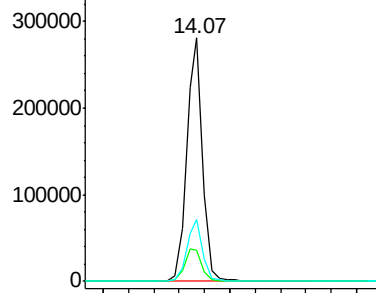
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF099021.D
 Acq: 3 Oct 2017 1:10

Instrument :
 BNA_F
 ClientSampleId :

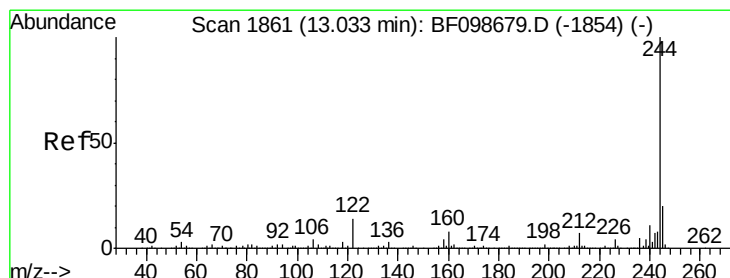
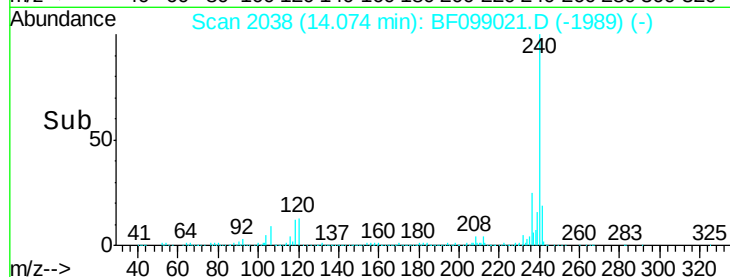
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.3	20.7	31.1



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

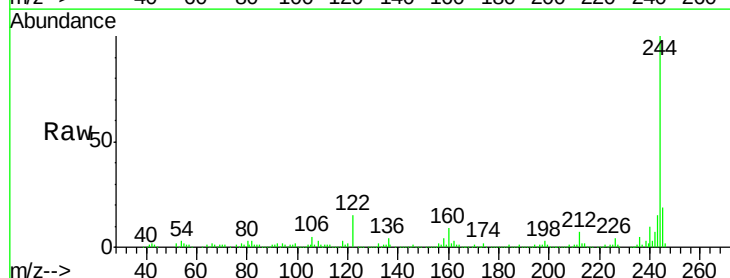


Time--> 14.00 14.10 14.20

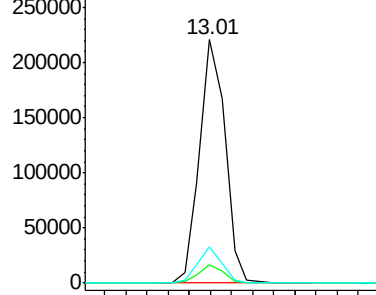


#78
 Terphenyl-d14
 Concen: 17.05 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.02 min
 Lab File: BF099021.D
 Acq: 3 Oct 2017 1:10

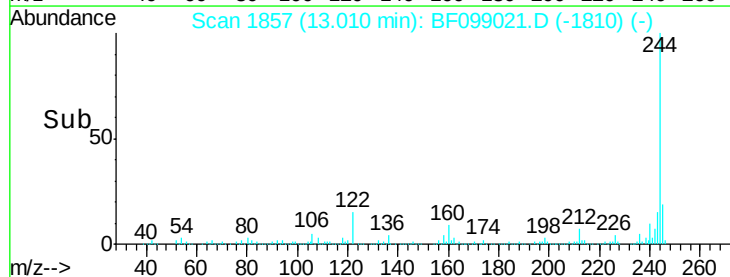
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.8	11.0	16.4

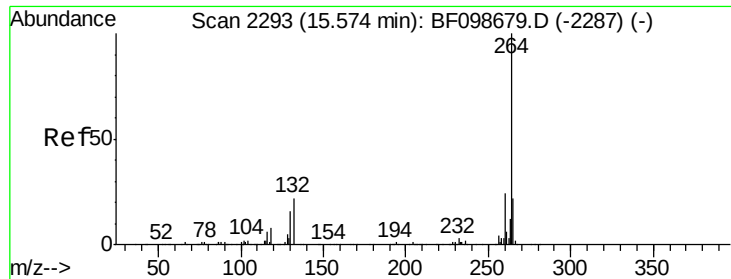


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.05

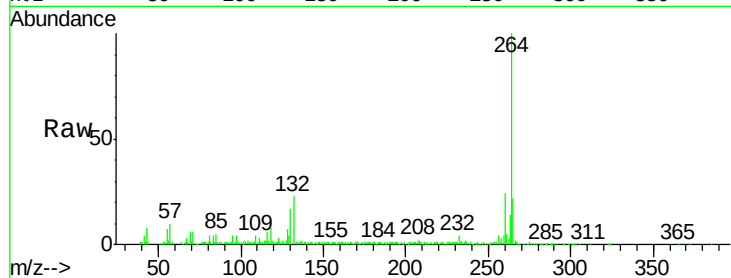




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF099021.D
Acq: 3 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3



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

