

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098829.D
 Acq On : 26 Sep 2017 13:49
 Operator : SJ/JU
 Sample : I5394-04 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:44:58 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

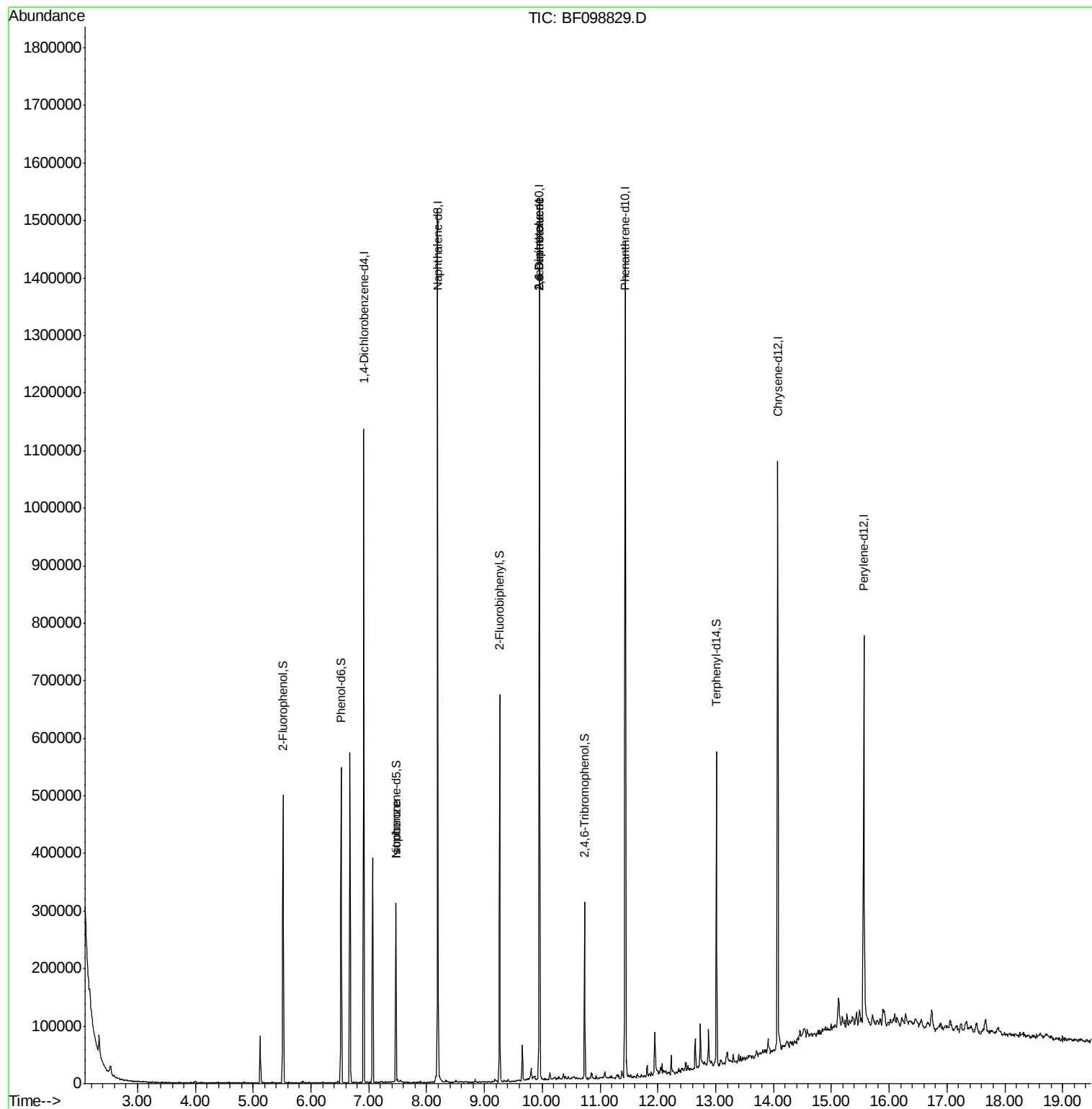
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	153936	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	634901	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	284562	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	497253	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	312448	20.00	ng	-0.01
86) Perylene-d12	15.56	264	284369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	122224	12.64	ng	-0.02
7) Phenol-d6	6.52	99	154503	12.95	ng	-0.02
23) Nitrobenzene-d5	7.47	82	89503	9.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	27574	11.84	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	183785	10.78	ng	-0.02
78) Terphenyl-d14	13.02	244	149810	10.90	ng	-0.02
Target Compounds						
25) Isophorone	7.47	82	89351	4.37	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	36773	7.86	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	36773	6.06	ng	# 24

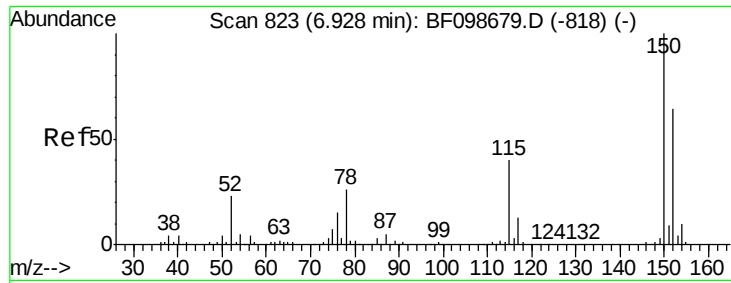
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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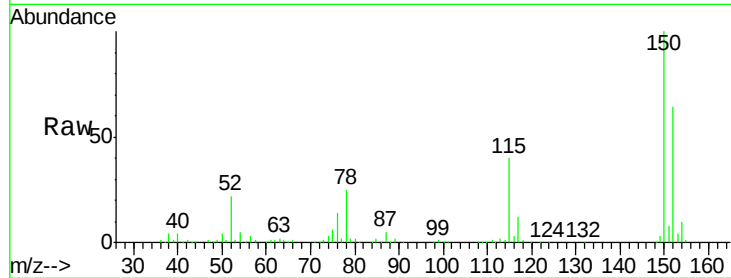


#1

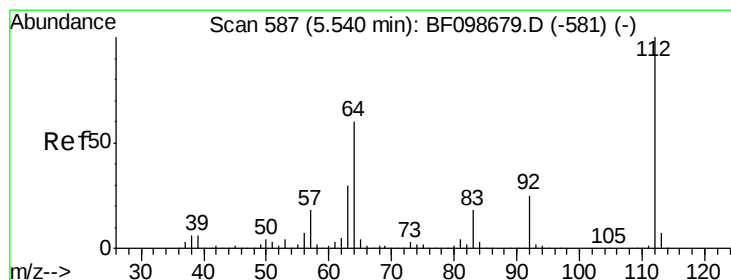
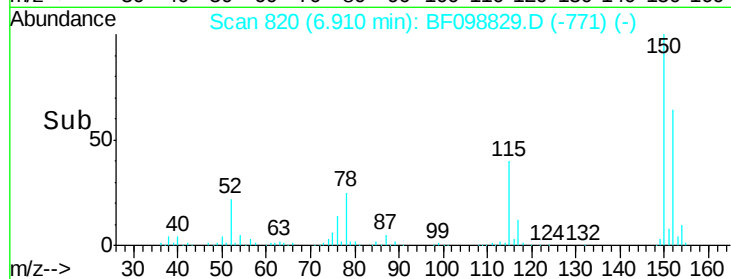
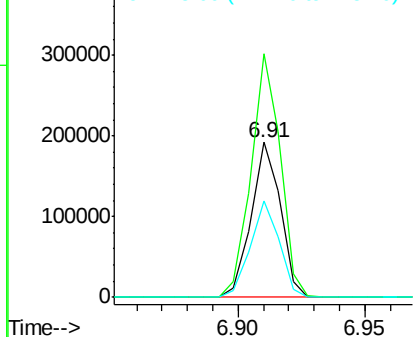
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 153936
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 62.4 50.1 75.1



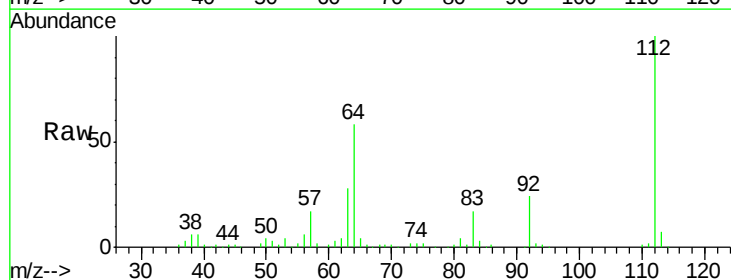
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



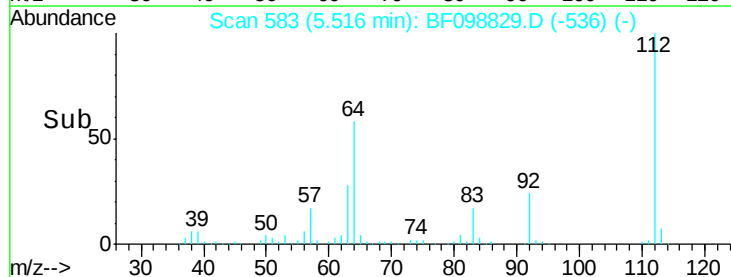
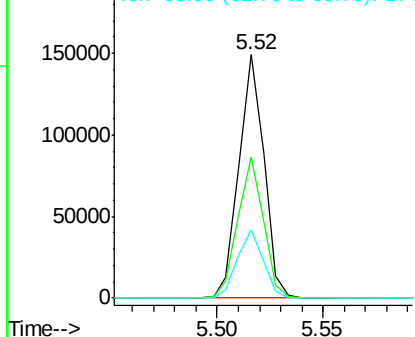
#5

2-Fluorophenol
 Concen: 12.64 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Tgt Ion:112 Resp: 122224
 Ion Ratio Lower Upper
 112 100
 64 58.3 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: 12.95 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Instrument :

BNA_F

ClientSampleId :

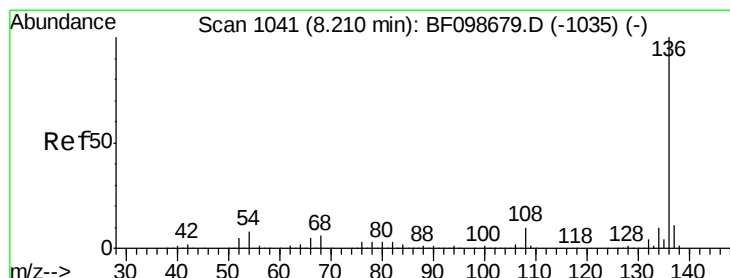
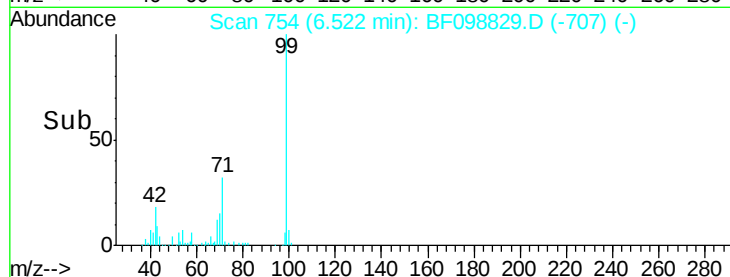
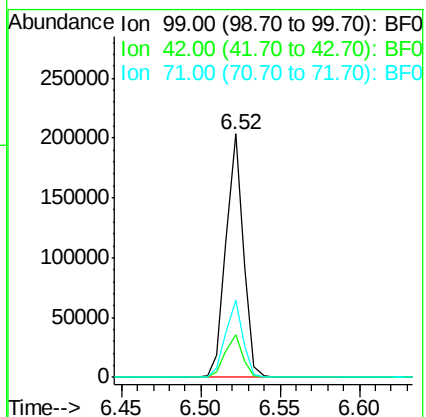
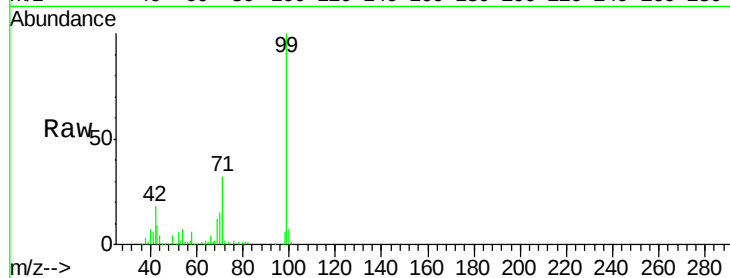
Tot Ion: 99 Resp: 154503

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Tgt Ion: 136 Resp: 634901

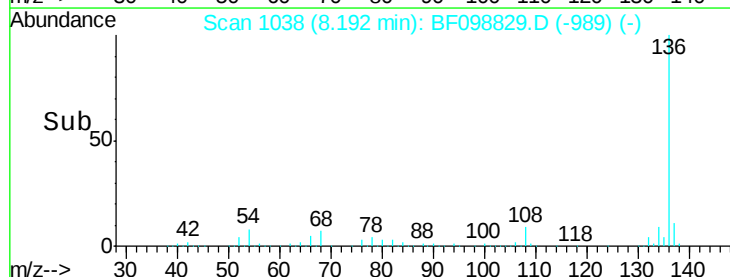
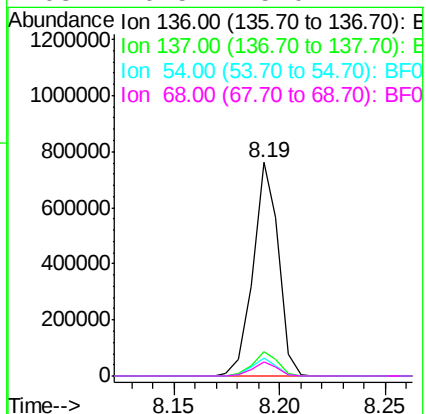
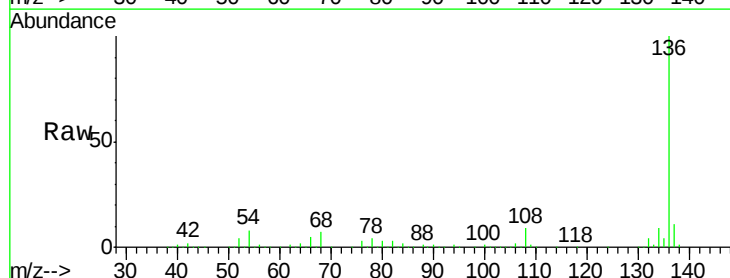
Ion Ratio Lower Upper

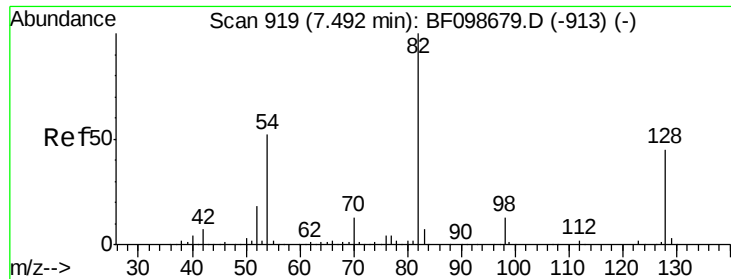
136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4

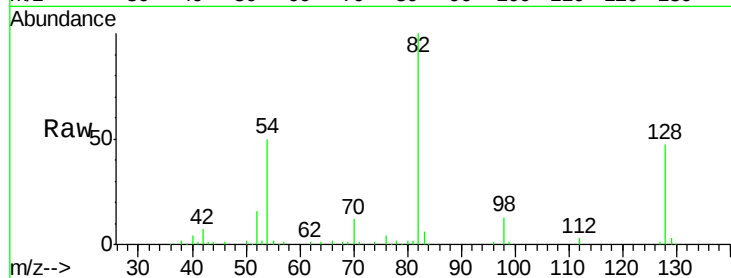




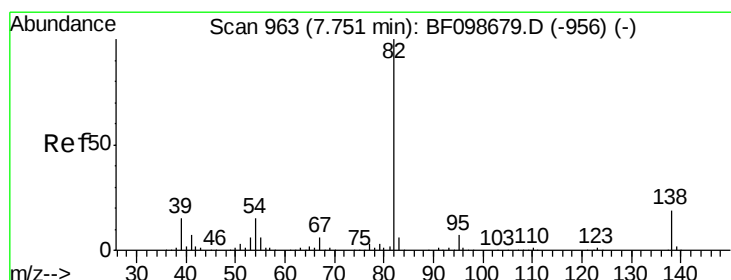
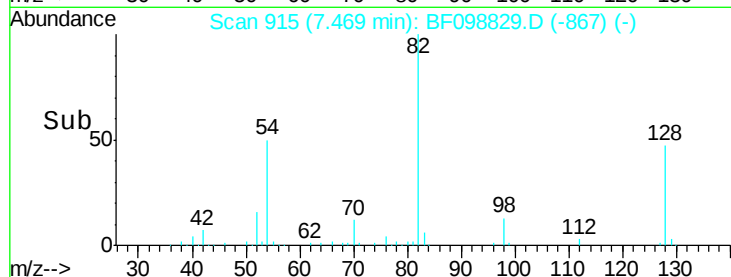
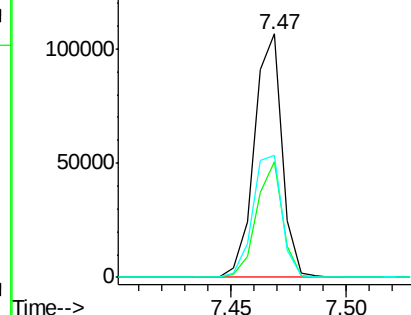
#23
Nitrobenzene-d5
Concen: 9.04 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	89503
Ion Ratio	100	Lower	Upper
128	47.3	36.1	54.1
54	50.2	41.4	62.2

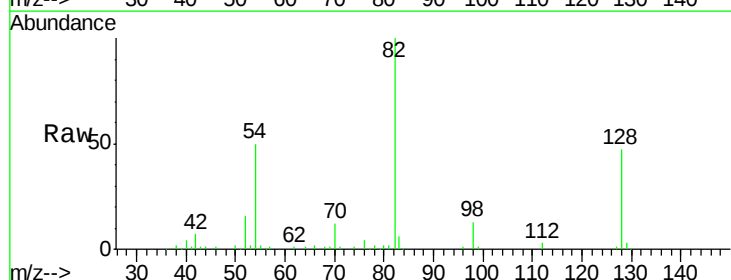


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

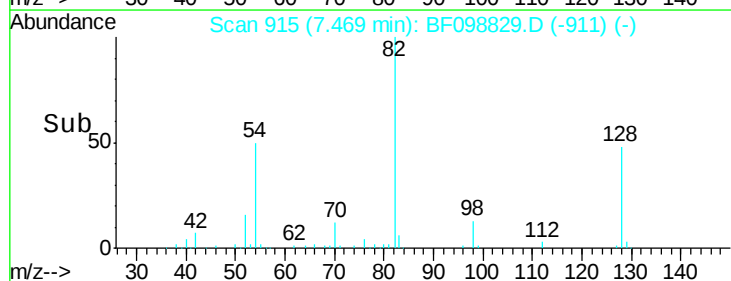
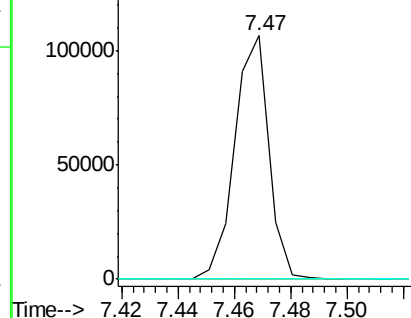


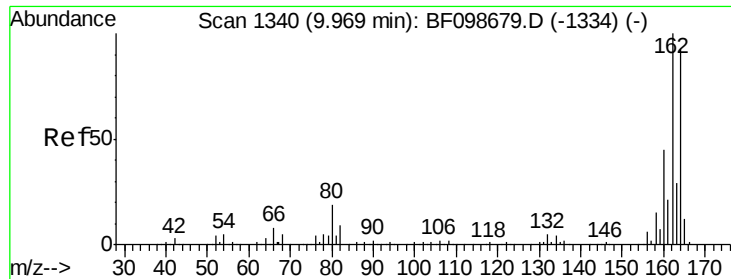
#25
Isophorone
Concen: 4.37 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098829.D
Acq: 26 Sep 2017 13:49

Tgt Ion	82	Resp	89351
Ion Ratio	100	Lower	Upper
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

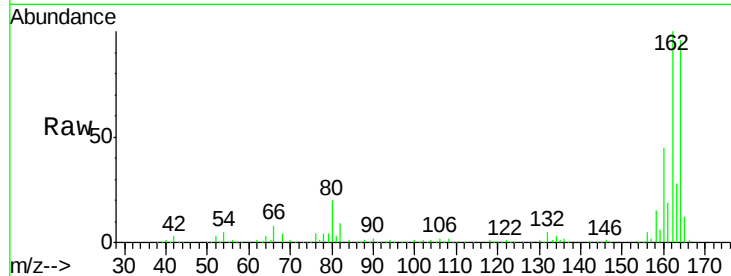




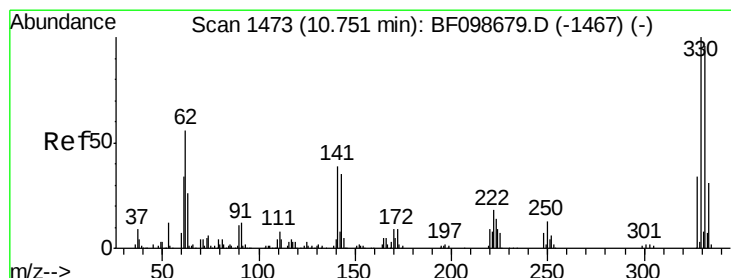
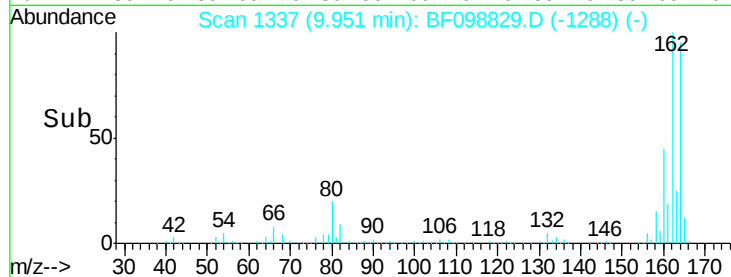
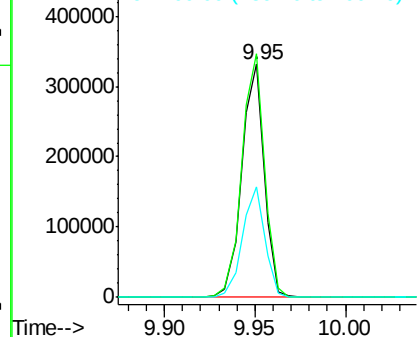
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 284562
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.1 38.3 57.5

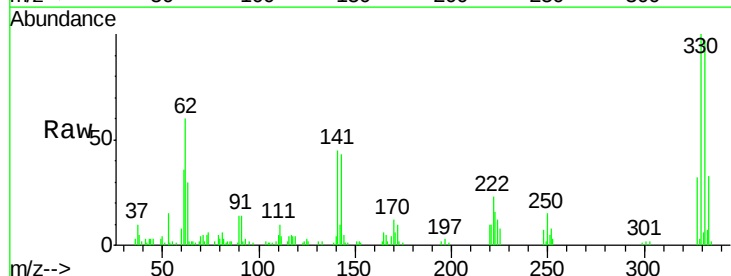


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

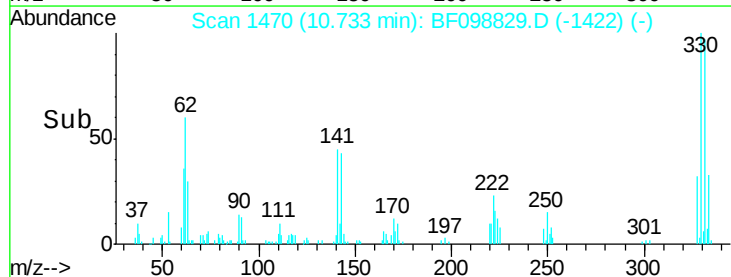
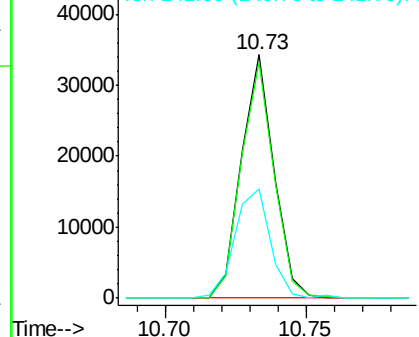


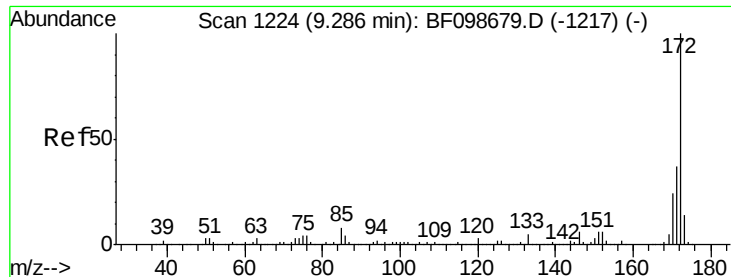
#41
 2,4,6-Tribromophenol
 Concen: 11.84 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Tgt Ion:330 Resp: 27574
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 49.1 29.9 44.9#



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

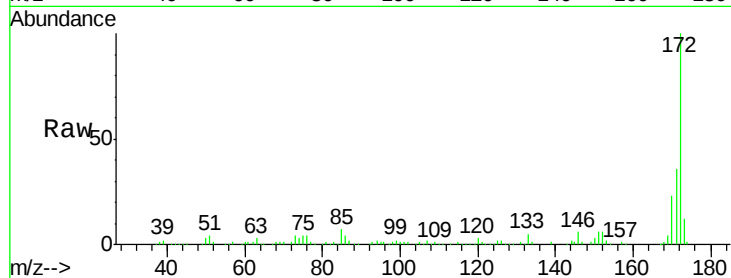




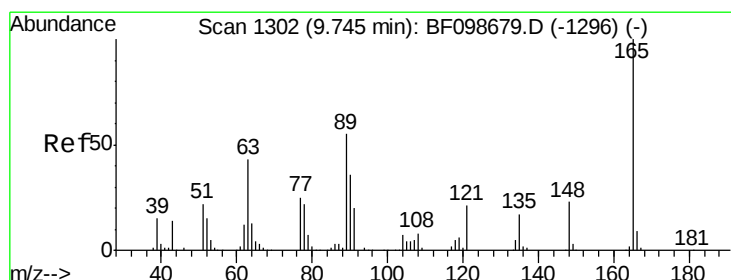
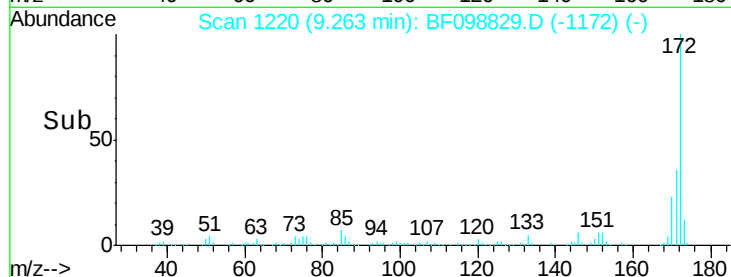
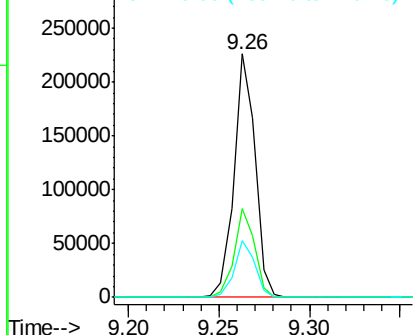
#44
 2-Fluorobiphenyl
 Concen: 10.78 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.4	19.6	29.4

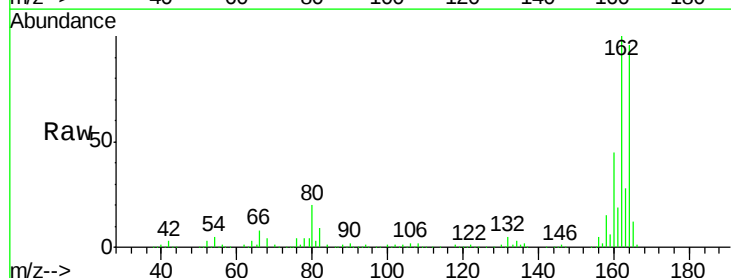


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

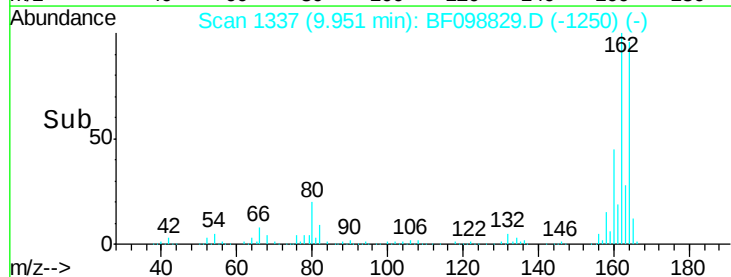
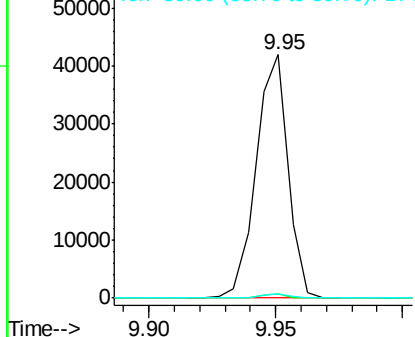


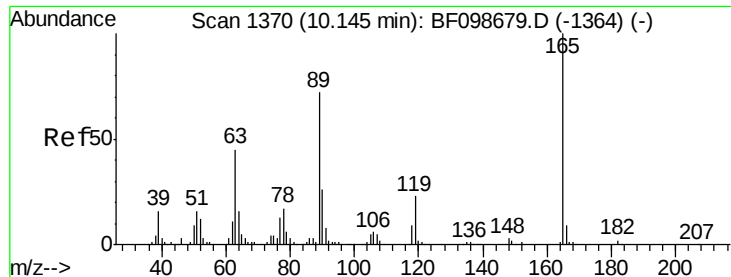
#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



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

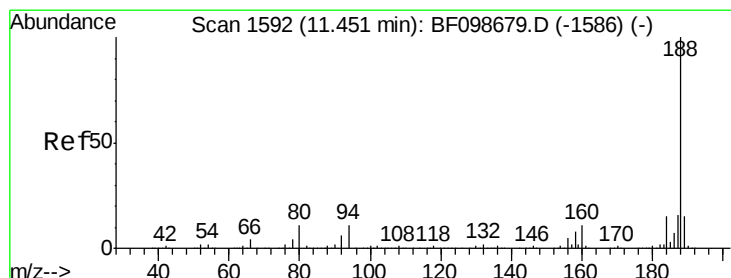
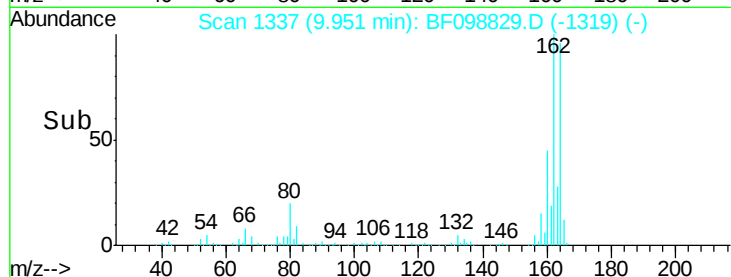
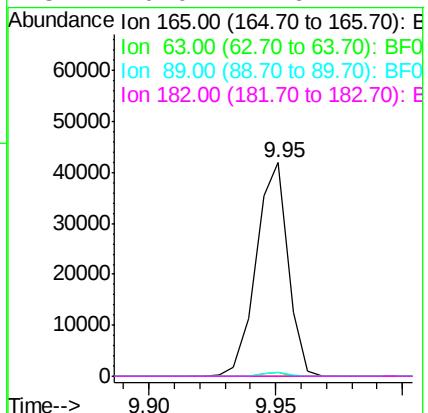
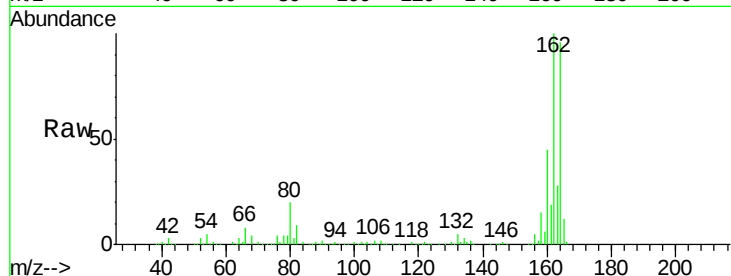




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

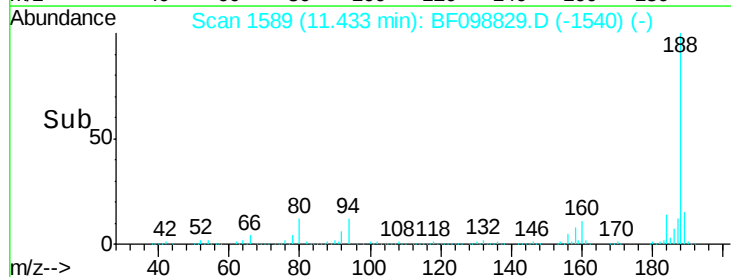
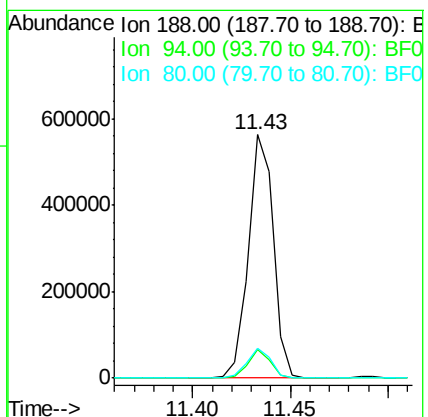
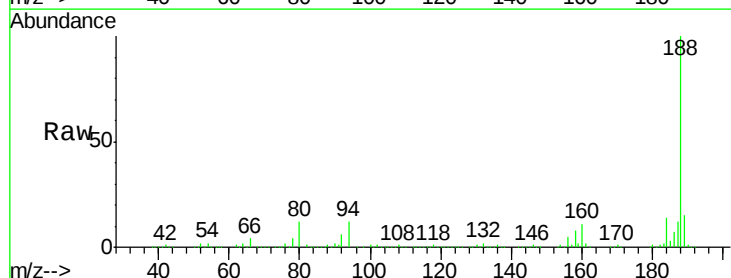
Instrument :
 BNA_F
 ClientSampleId :

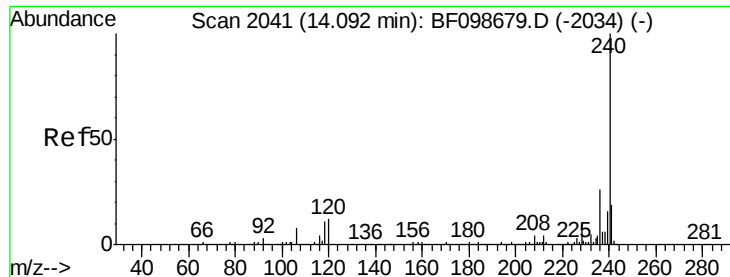
Tot Ion:165 Resp: 36773
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Tgt Ion:188 Resp: 497253
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.4 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

Instrument :

BNA_F

ClientSampleId :

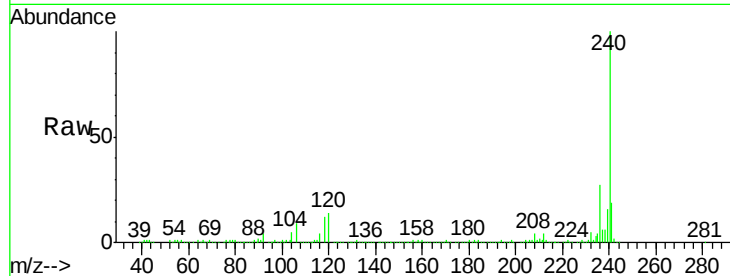
Tot Ion:240 Resp: 312448

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

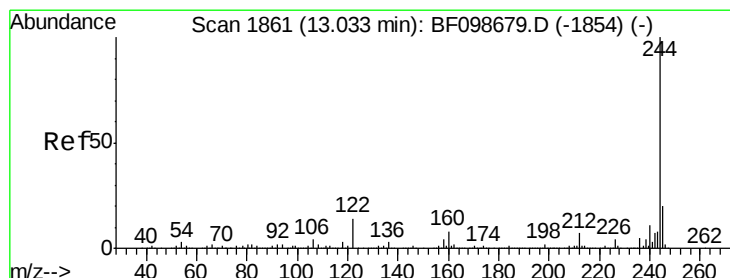
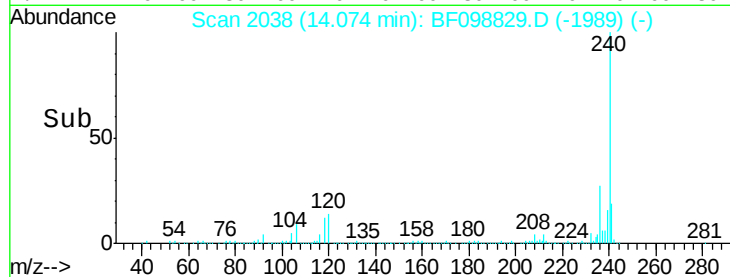
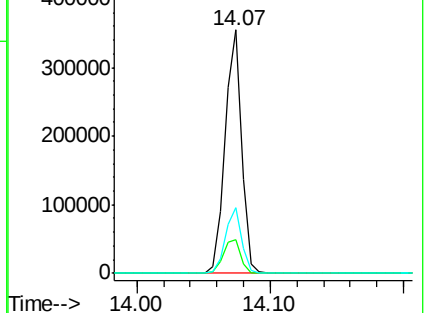
236 27.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 10.90 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098829.D

Acq: 26 Sep 2017 13:49

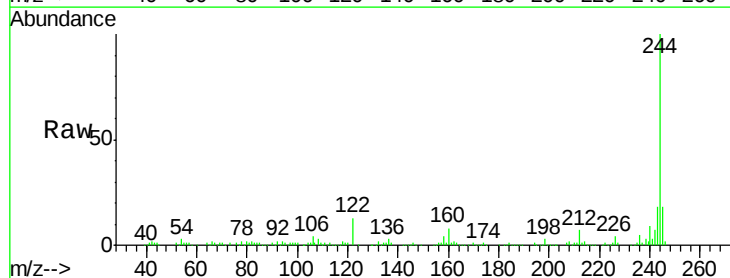
Tgt Ion:244 Resp: 149810

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

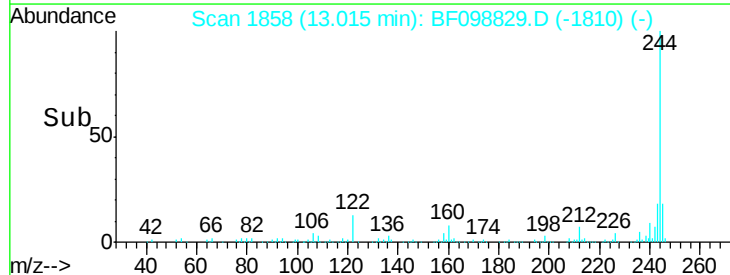
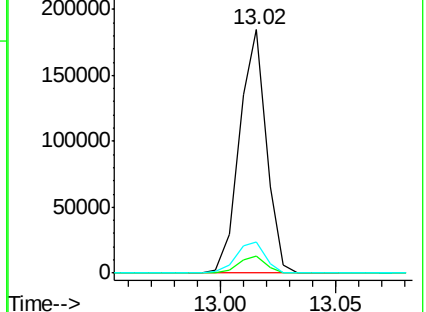
122 13.0 11.0 16.4

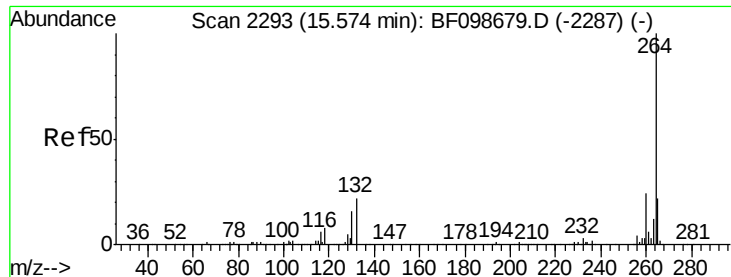


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098829.D
 Acq: 26 Sep 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3

