

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098633.D
 Acq On : 19 Sep 2017 6:26
 Operator : SJ/JU
 Sample : I5265-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15D68

Quant Time: Sep 19 07:50:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

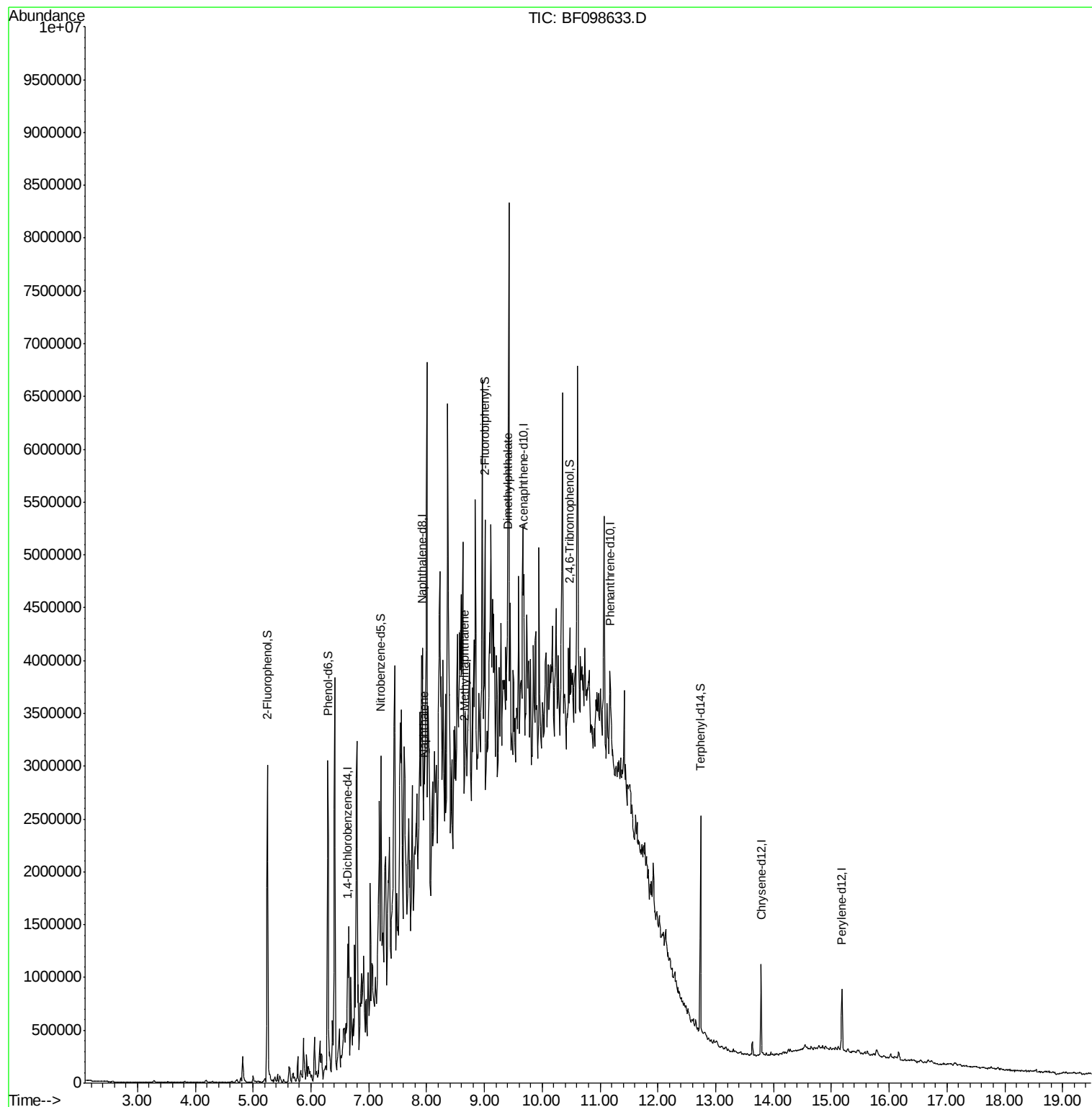
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	127924	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	417784	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	167832	20.00	ng	0.01
63) Phenanthrene-d10	11.17	188	256660	20.00	ng	0.02
75) Chrysene-d12	13.79	240	269622	20.00	ng	0.00
86) Perylene-d12	15.19	264	248539	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	842318	97.35	ng	0.00
7) Phenol-d6	6.29	99	1070258	97.43	ng	0.00
23) Nitrobenzene-d5	7.21	82	638536	85.21	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	94253	84.14	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	852112	86.05	ng	0.01
78) Terphenyl-d14	12.74	244	640341	51.26	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	42654	2.065	ng	# 71
37) 2-Methylnaphthalene	8.65	142	75282	6.018	ng	94
49) Dimethylphthalate	9.40	163	120544	9.279	ng	# 90

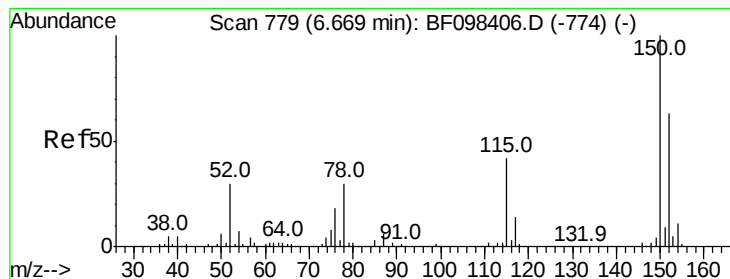
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-15D68

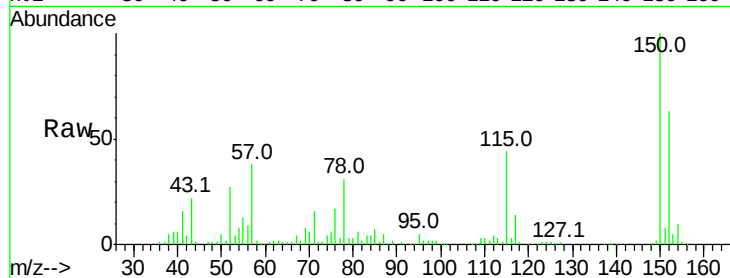
Tot Ion:152 Resp: 127924

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

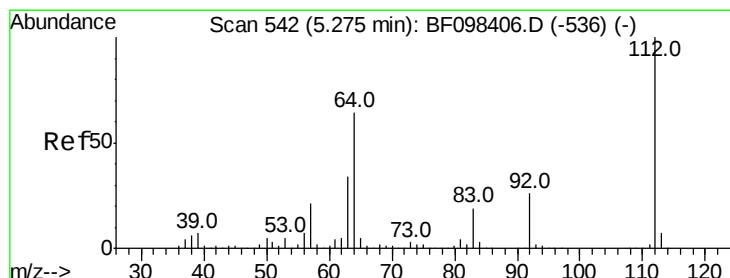
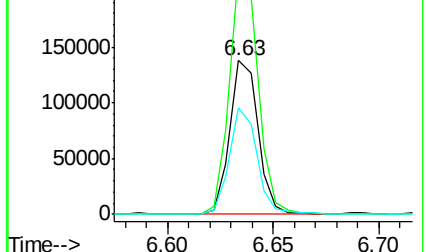
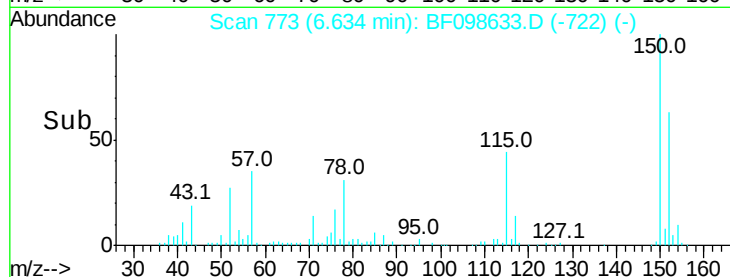
115 69.4 52.2 78.2



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: 97.354 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

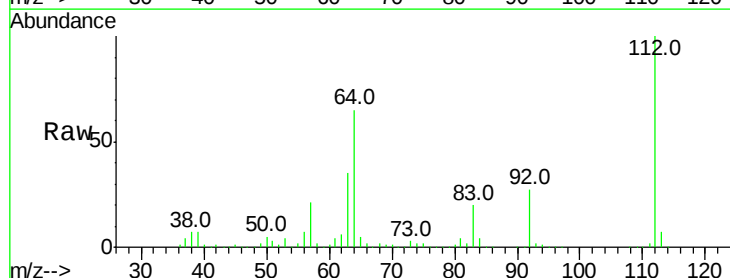
Tgt Ion:112 Resp: 842318

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

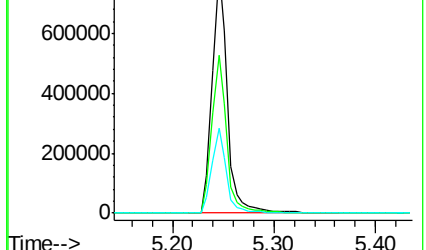
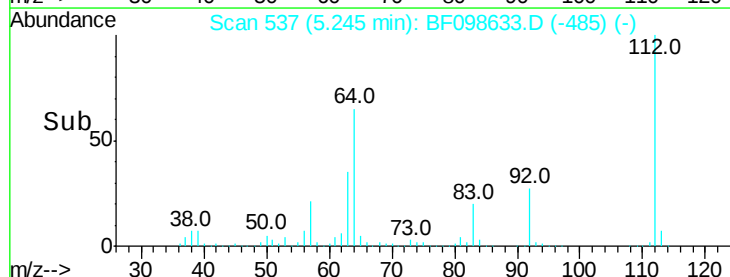
63 35.1 23.4 35.0#

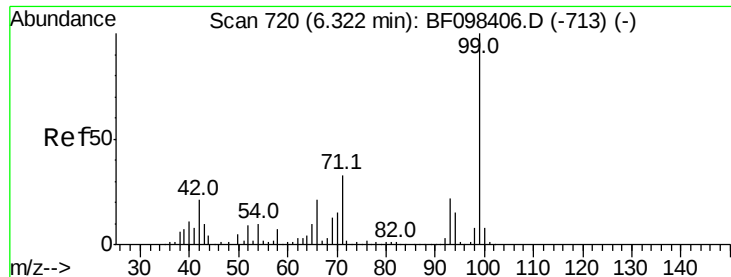


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.426 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-15D68

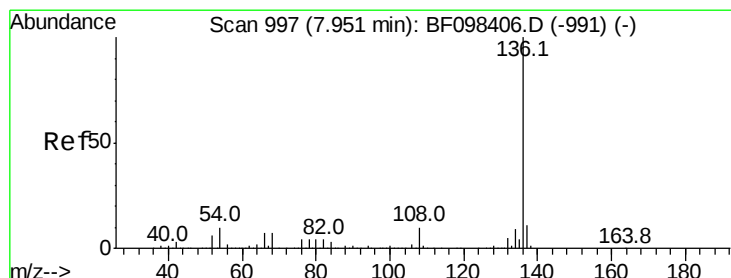
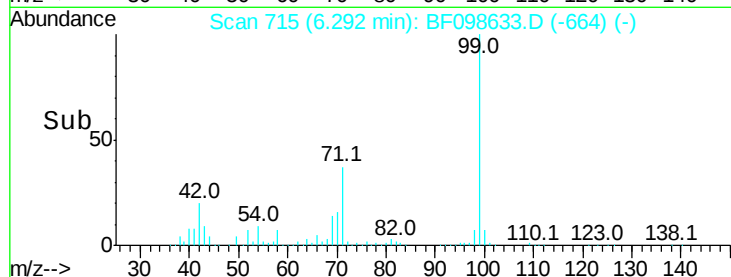
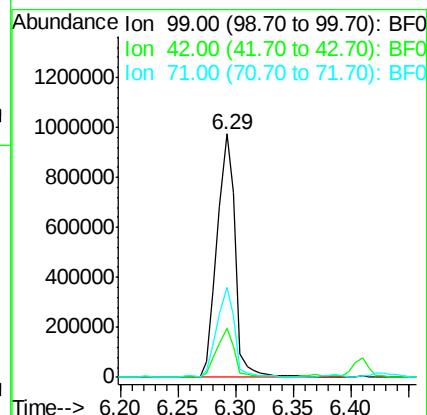
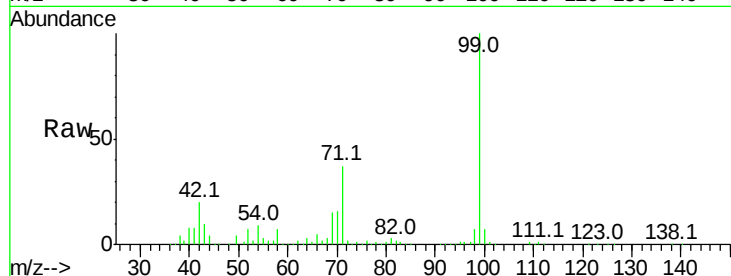
Tot Ion: 99 Resp: 1070258

Ion Ratio Lower Upper

99 100

42 20.2 13.5 20.3

71 37.0 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

Tgt Ion: 136 Resp: 417784

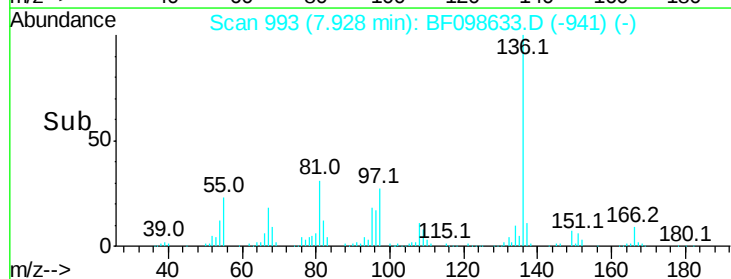
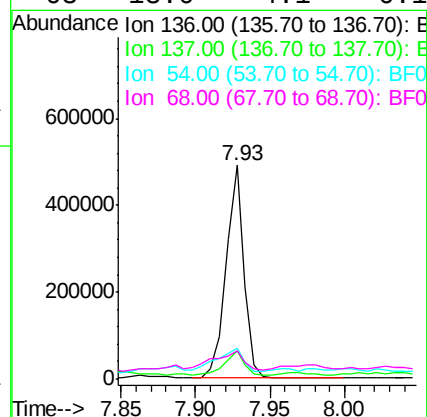
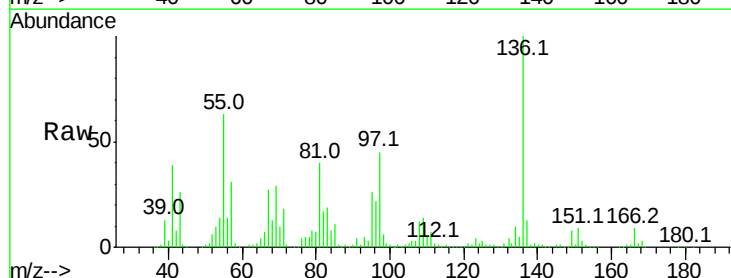
Ion Ratio Lower Upper

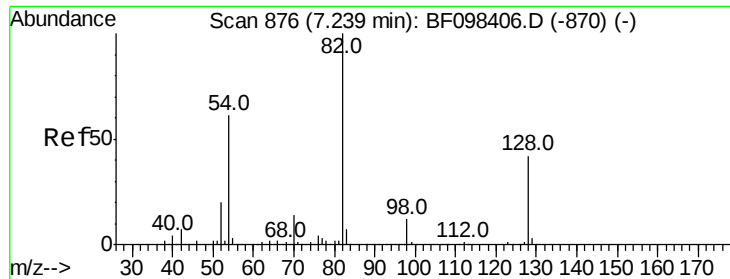
136 100

137 13.0 8.5 12.7#

54 14.3 4.9 7.3#

68 13.0 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 85.207 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-15D68

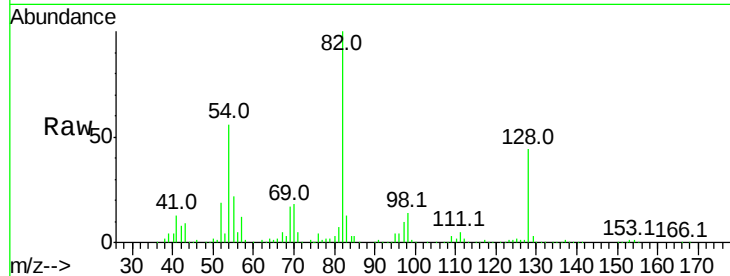
Tot Ion: 82 Resp: 638536

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

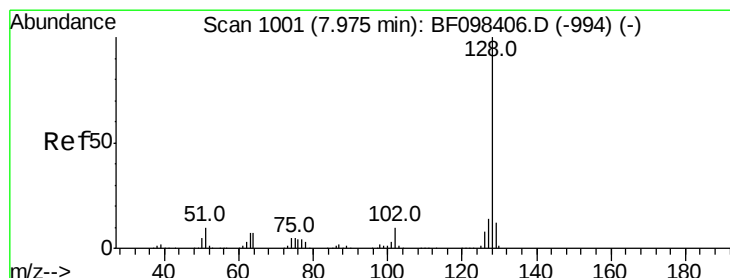
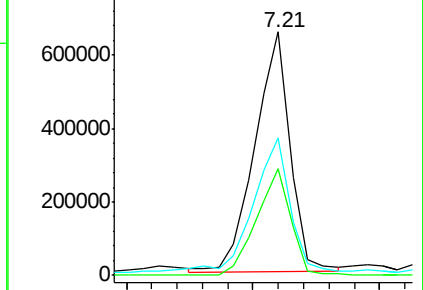
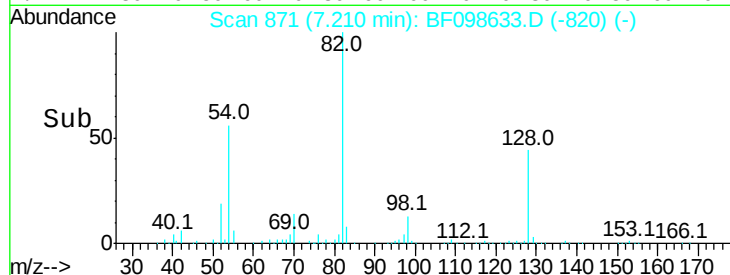
54 56.3 42.2 63.2



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



#31

Naphthalene

Concen: 2.065 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

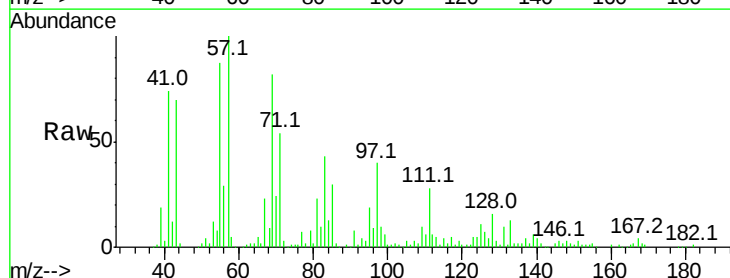
Tgt Ion: 128 Resp: 42654

Ion Ratio Lower Upper

128 100

129 19.3 9.0 13.6#

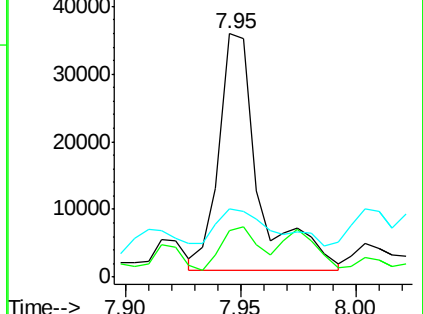
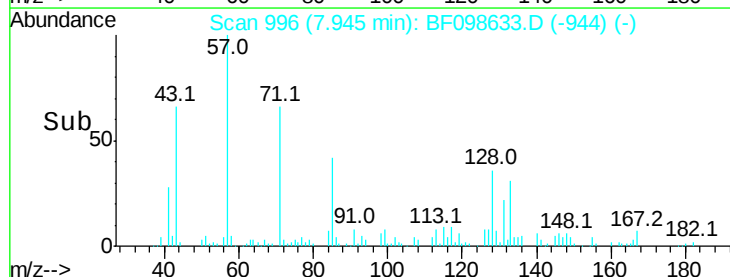
127 27.8 10.8 16.2#

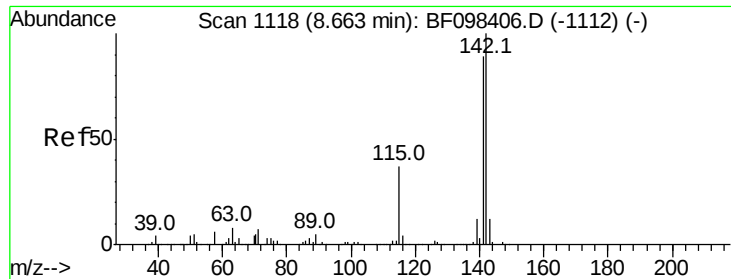


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

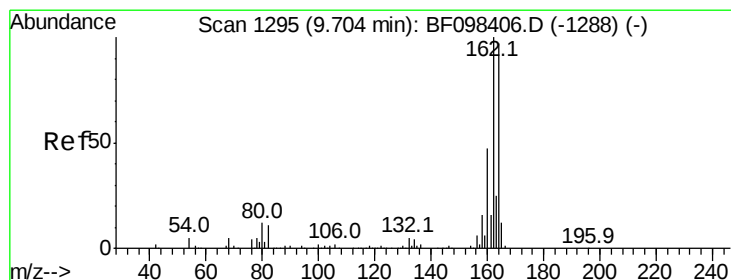
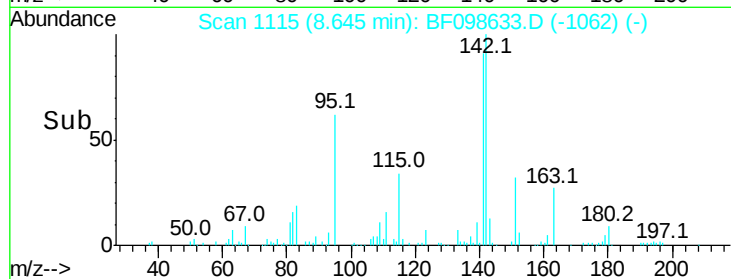
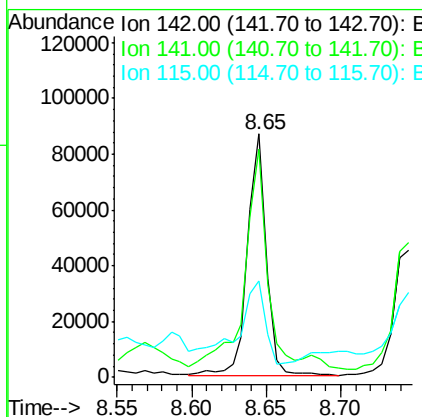
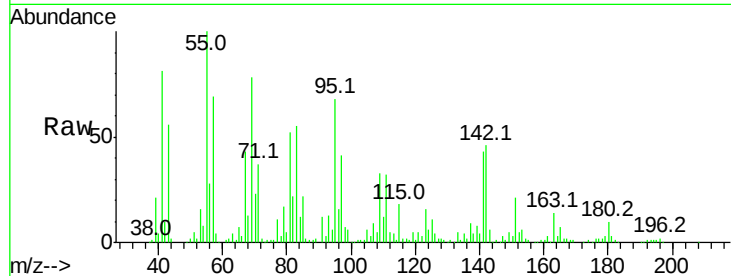




#37
 2-Methylnaphthalene
 Concen: 6.018 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF098633.D
 Acq: 19 Sep 2017 6:26

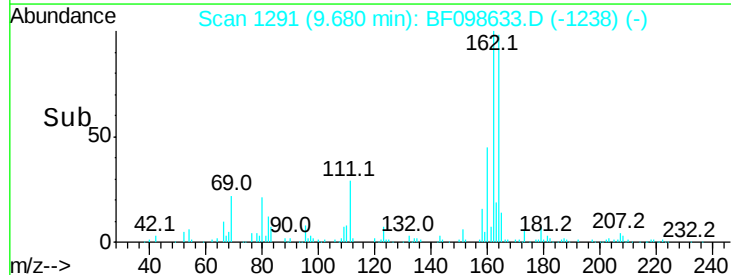
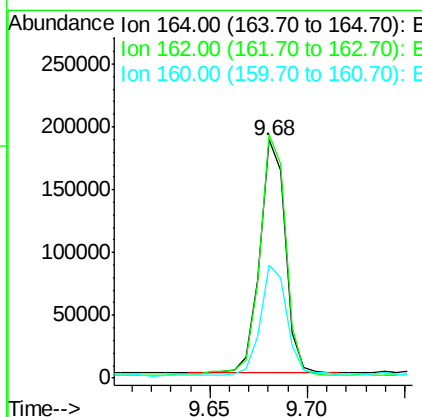
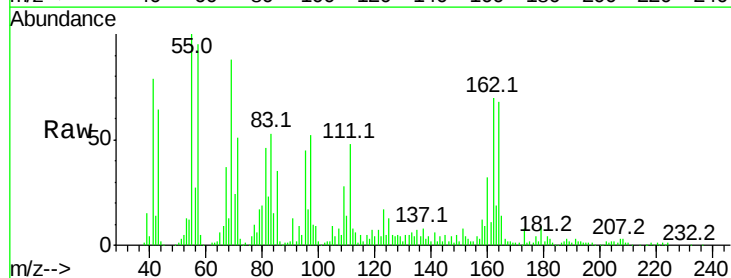
Instrument :
 BNA_F
 ClientSampleId :
 TP-15D68

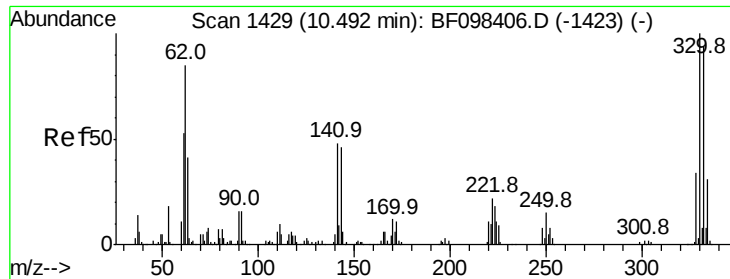
Tot Ion:142 Resp: 75282
 Ion Ratio Lower Upper
 142 100
 141 93.6 71.3 106.9
 115 39.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF098633.D
 Acq: 19 Sep 2017 6:26

Tgt Ion:164 Resp: 167832
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 47.5 36.2 54.2

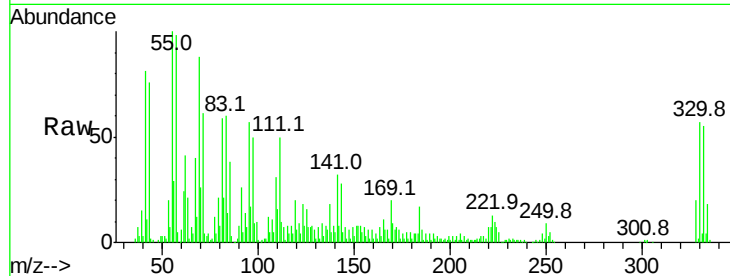




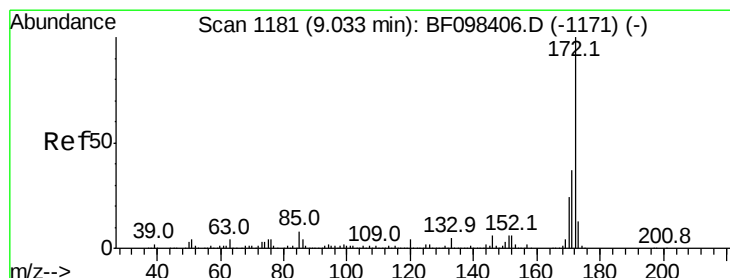
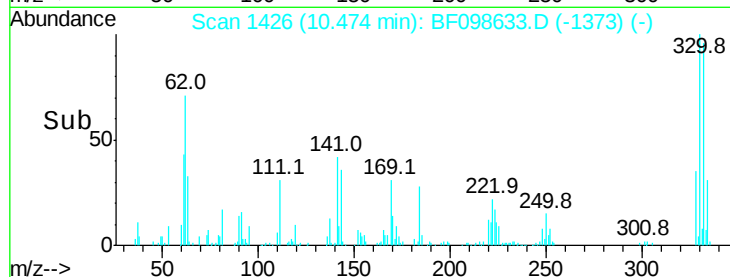
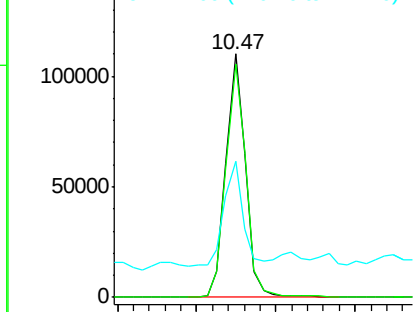
#41
 2,4,6-Tribromophenol
 Concen: 84.144 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF098633.D
 Acq: 19 Sep 2017 6:26

Instrument :
 BNA_F
 ClientSampled :
 TP-15D68

Tot Ion:330 Resp: 94253
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 41.7 31.4 47.2

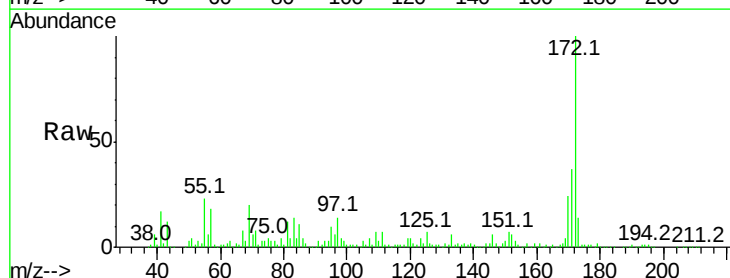


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

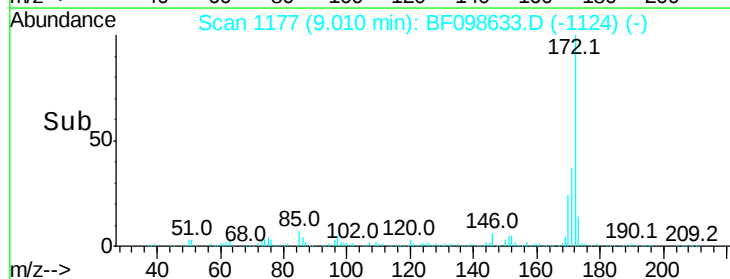
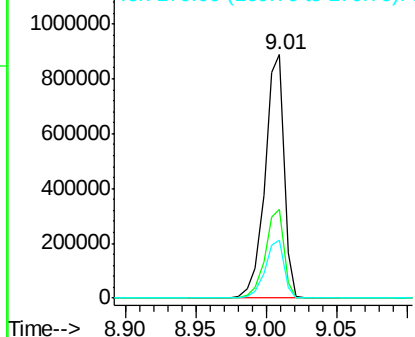


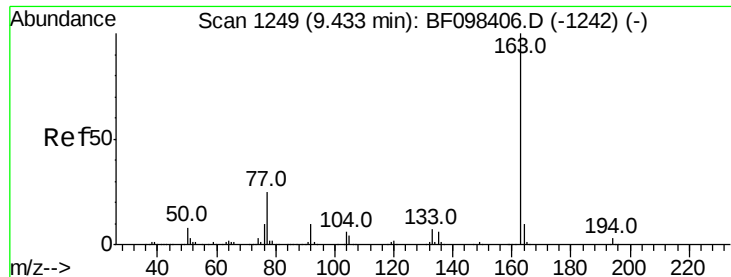
#44
 2-Fluorobiphenyl
 Concen: 86.054 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF098633.D
 Acq: 19 Sep 2017 6:26

Tgt Ion:172 Resp: 852112
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 1200000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

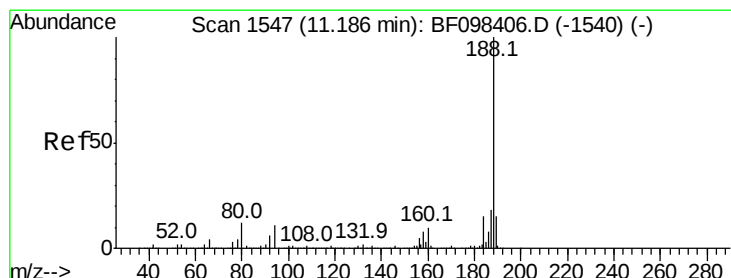
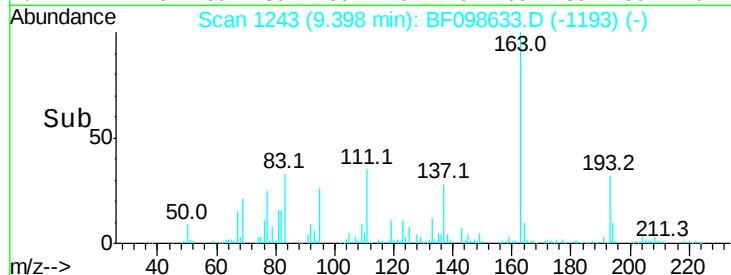
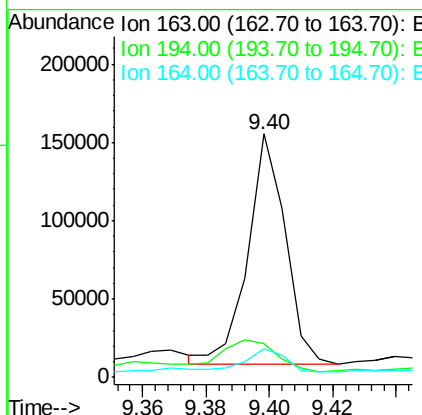
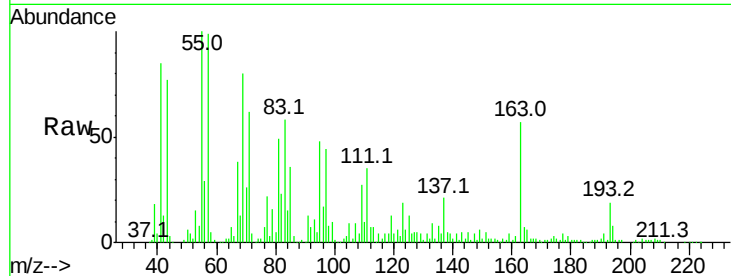




#49
Dimethylphthalate
Concen: 9.279 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF098633.D
Acq: 19 Sep 2017 6:26

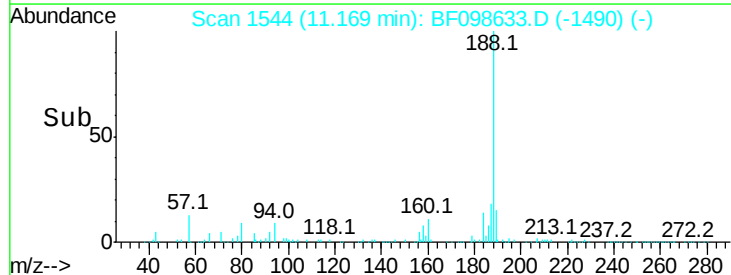
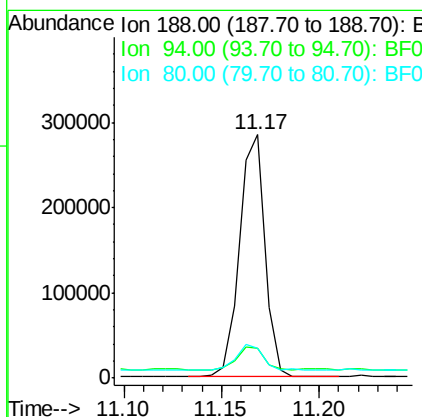
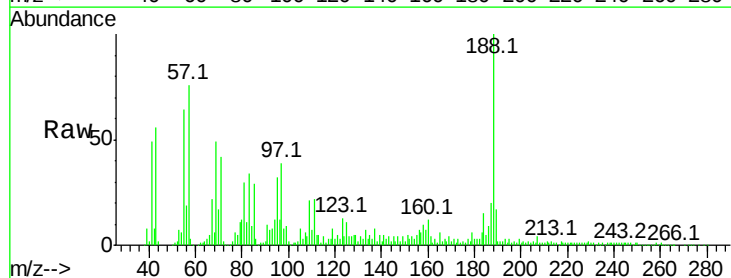
Instrument :
BNA_F
ClientSampleId :
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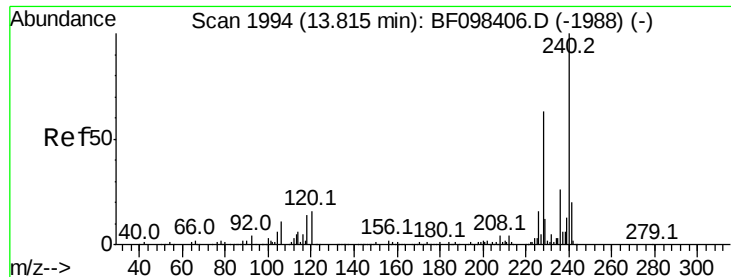
Tot Ion:163 Resp: 120544
Ion Ratio Lower Upper
163 100
194 13.7 2.6 4.0#
164 11.6 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.02 min
Lab File: BF098633.D
Acq: 19 Sep 2017 6:26

Tgt Ion:188 Resp: 256660
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-15D68

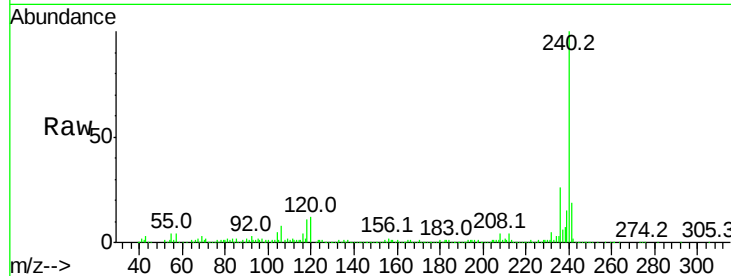
Tot Ion:240 Resp: 269622

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

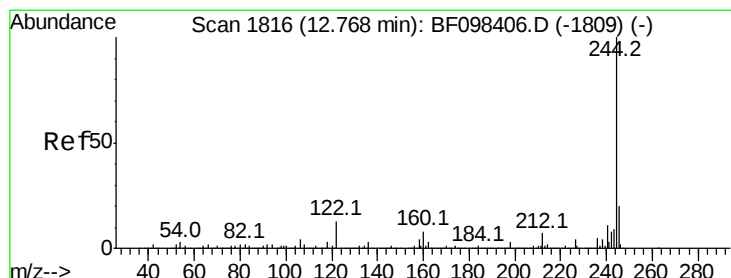
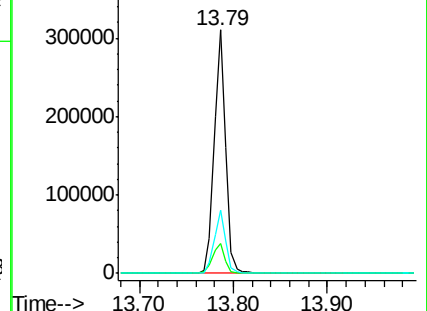
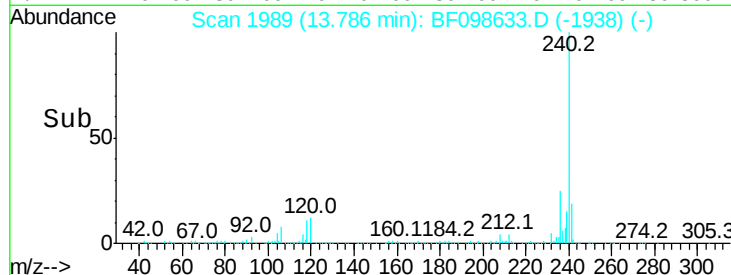
236 25.7 20.5 30.7



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: 51.263 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098633.D

Acq: 19 Sep 2017 6:26

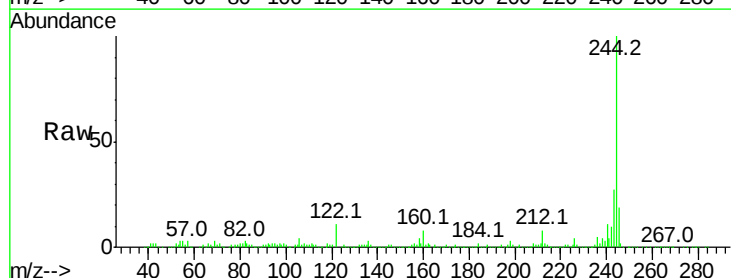
Tgt Ion:244 Resp: 640341

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

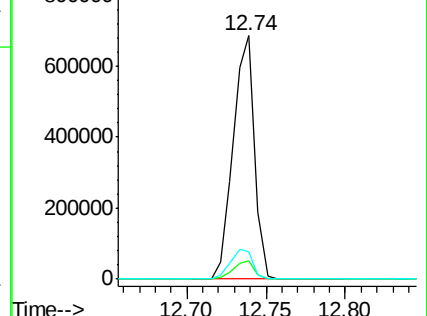
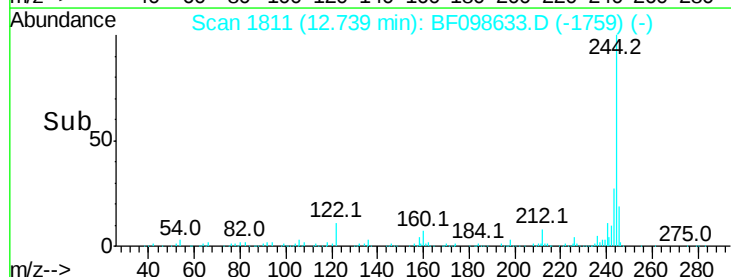
122 11.3 10.3 15.5

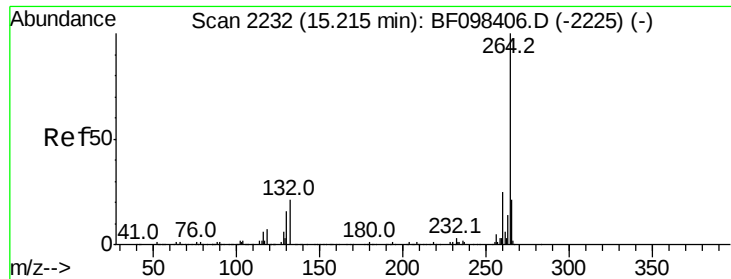


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

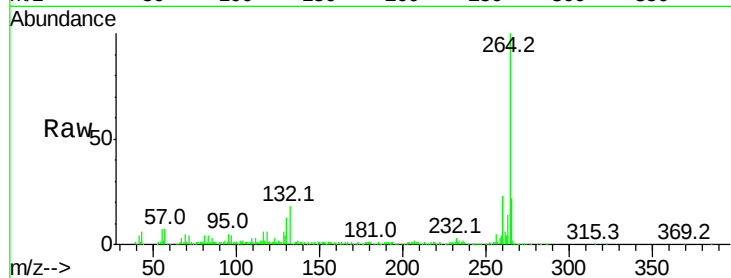




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF098633.D
Acq: 19 Sep 2017 6:26

Instrument :
BNA_F
ClientSampleId :
TP-15D68

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	17.2	25.8



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

