

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103317.D
 Acq On : 1 Mar 2018 2:04
 Operator : SJ/JU
 Sample : J1705-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100MVAR

Quant Time: Mar 01 03:12:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

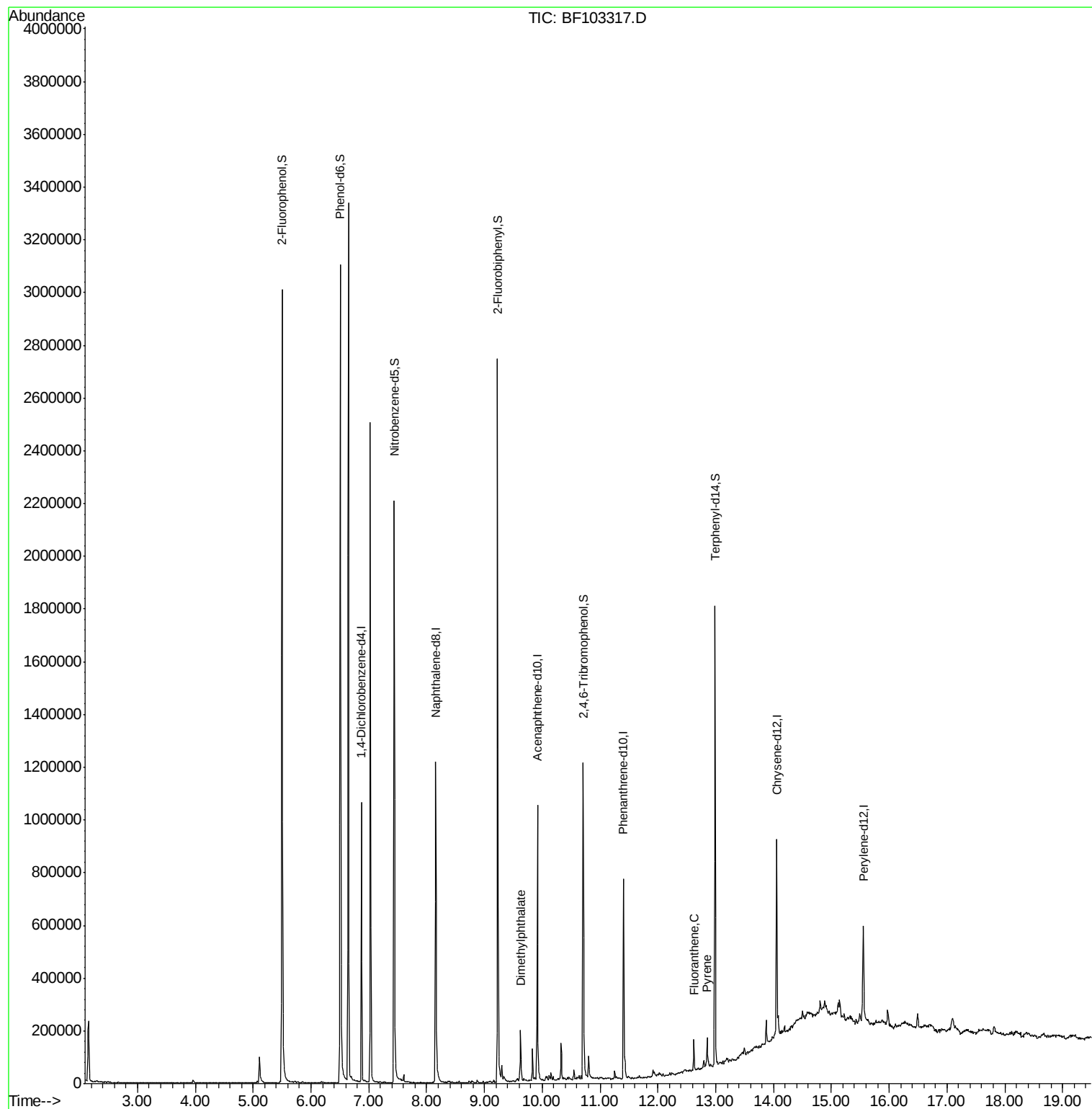
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142105	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	555490	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	205495	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	290155	20.00	ng	0.00
75) Chrysene-d12	14.06	240	248300	20.00	ng	0.00
86) Perylene-d12	15.56	264	177968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	929144	98.89	ng	0.01
7) Phenol-d6	6.51	99	1096994	95.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	695568	71.51	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	127852	73.50	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	923028	75.28	ng	0.00
78) Terphenyl-d14	12.99	244	591781	57.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	79663	4.832	ng	99
74) Fluoranthene	12.63	202	45073	2.809	ng	96
77) Pyrene	12.86	202	41360	2.136	ng	98

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

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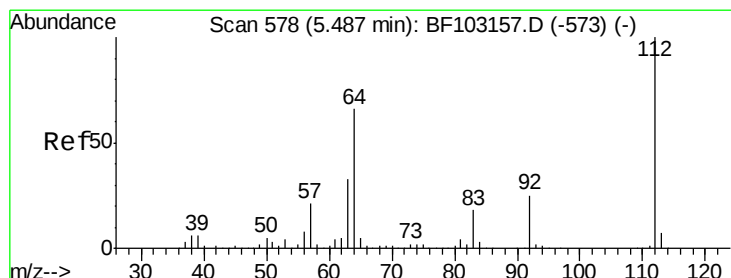
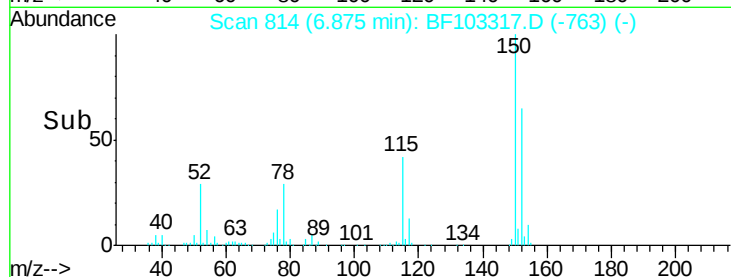
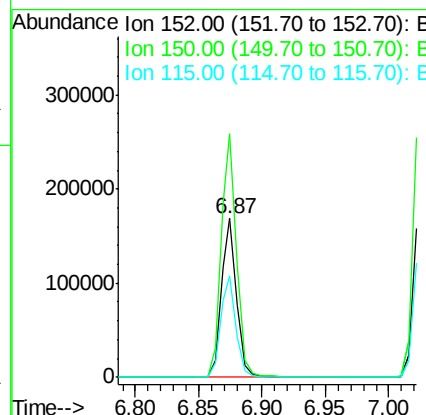
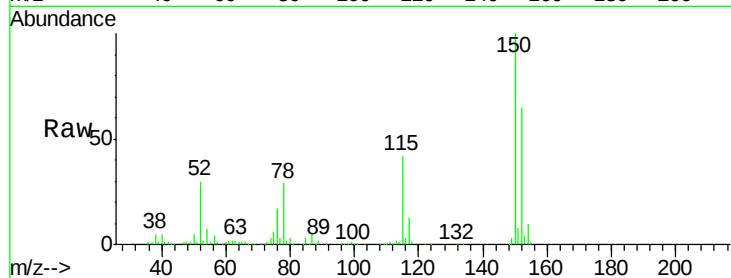


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103317.D
Acq: 1 Mar 2018 2:04

Instrument :
BNA_F
ClientSampleId :
100MVAR

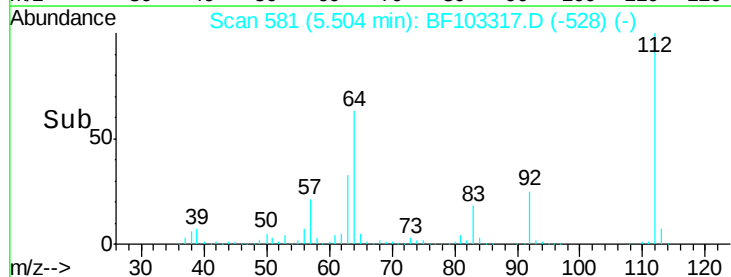
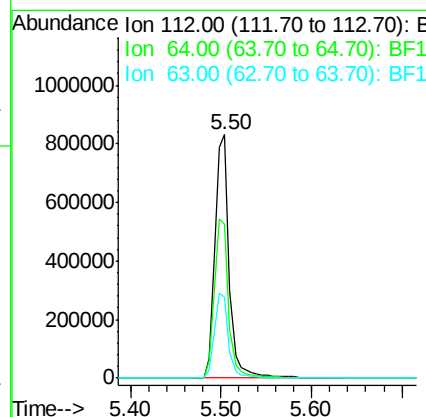
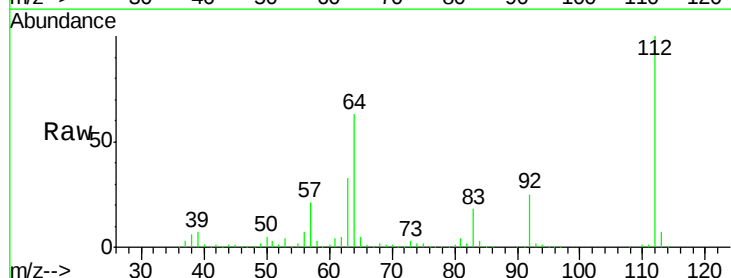
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	64.1	50.1	75.1

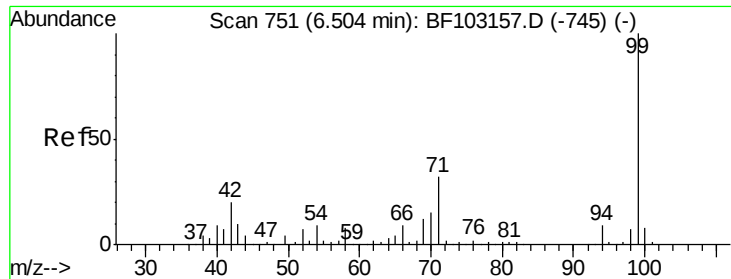


#5

2-Fluorophenol
Concen: 98.889 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103317.D
Acq: 1 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.3	23.7	35.5





#7

Phenol-d6

Concen: 95.414 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

Instrument :

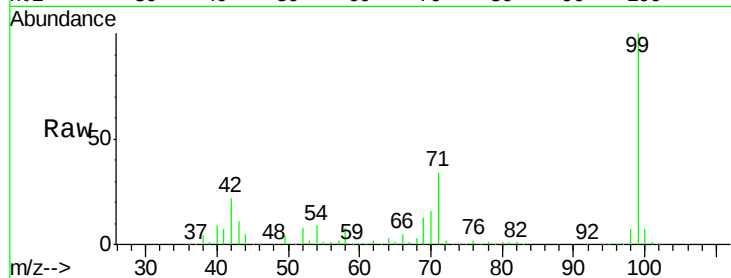
BNA_F

ClientSampled :

100MVAR

Tot Ion: 99 Resp: 1096994

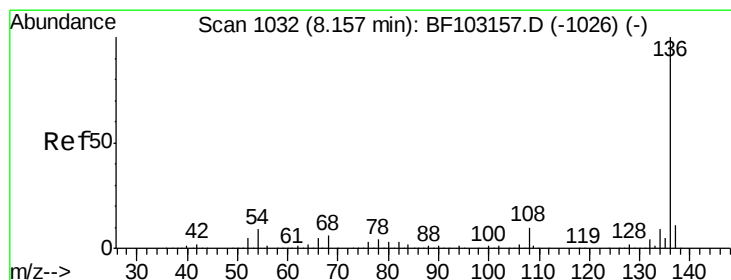
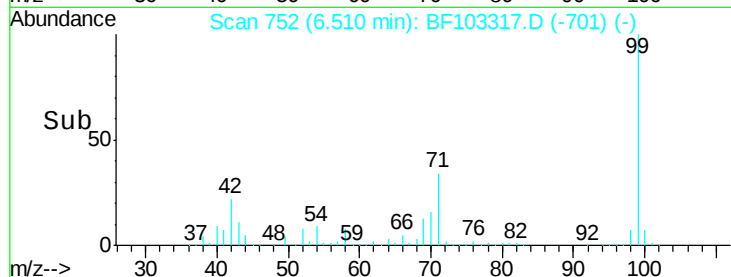
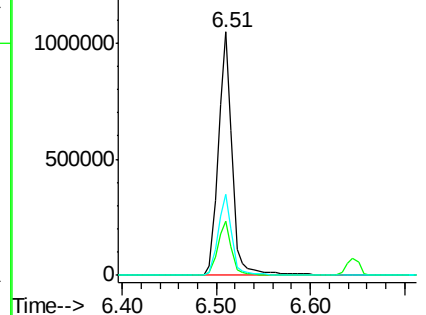
Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	33.5	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

Tgt Ion: 136 Resp: 555490

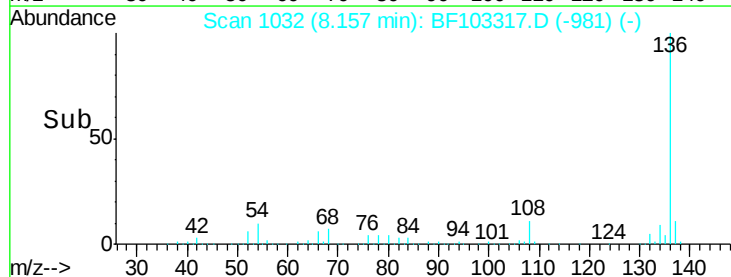
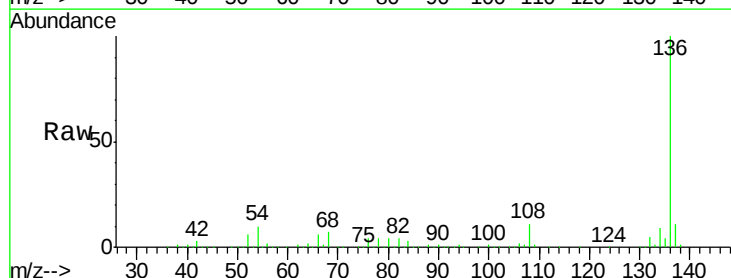
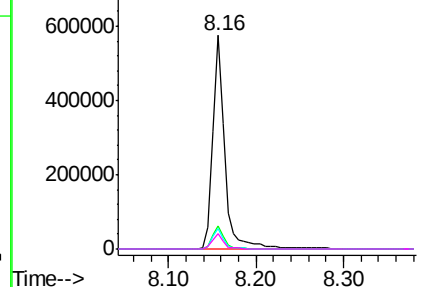
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	7.0	5.0	7.4

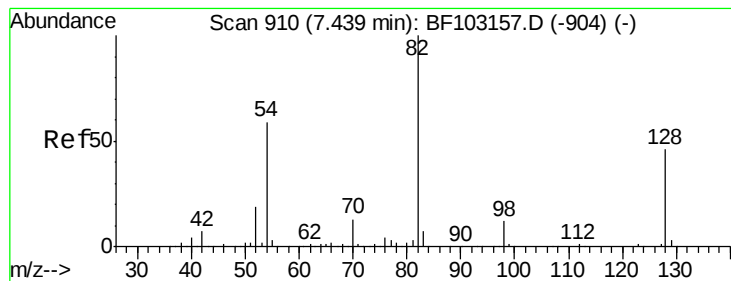
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 71.509 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

Instrument :

BNA_F

ClientSampleId :

100MVAR

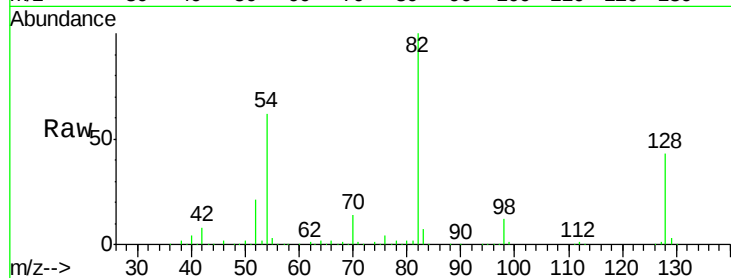
Tot Ion: 82 Resp: 695568

Ion Ratio Lower Upper

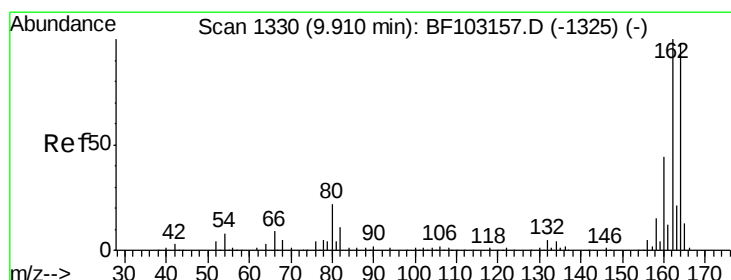
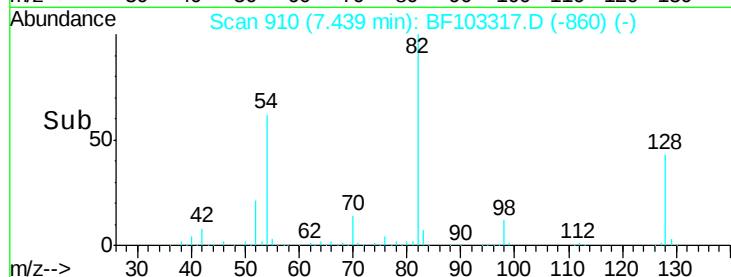
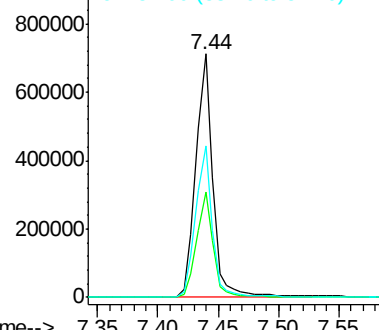
82 100

128 43.2 36.1 54.1

54 62.5 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

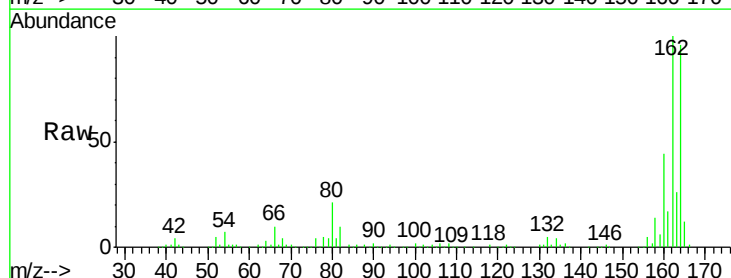
Tgt Ion:164 Resp: 205495

Ion Ratio Lower Upper

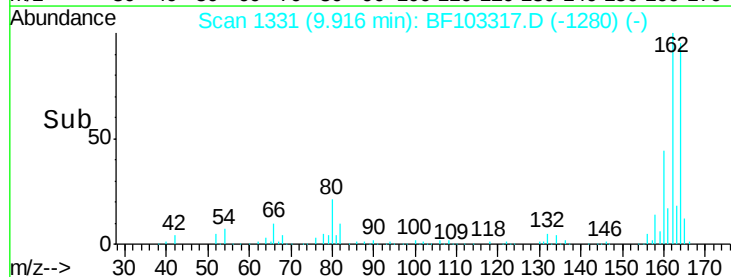
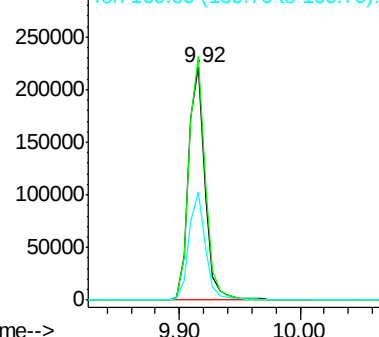
164 100

162 104.4 86.1 129.1

160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

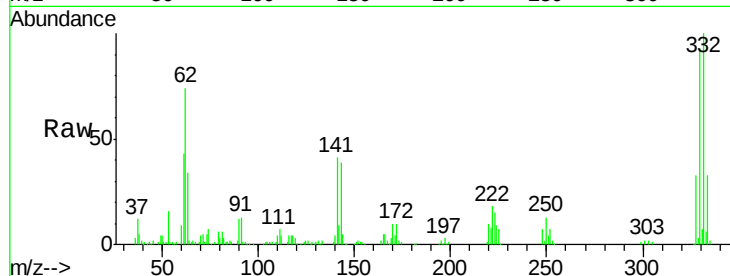




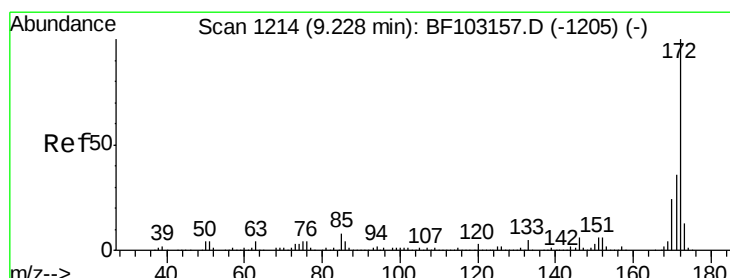
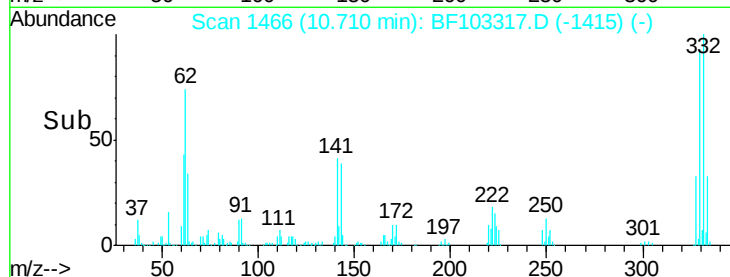
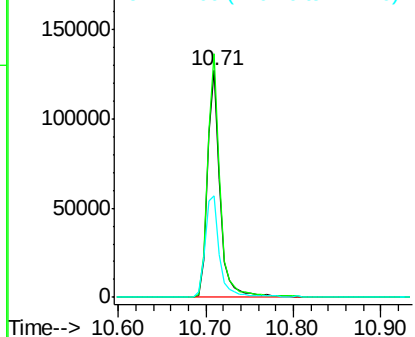
#41
 2,4,6-Tribromophenol
 Concen: 73.503 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103317.D
 Acq: 1 Mar 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 100MVAR

Tot Ion:330 Resp: 127852
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.0 115.6
 141 50.9 29.9 44.9#

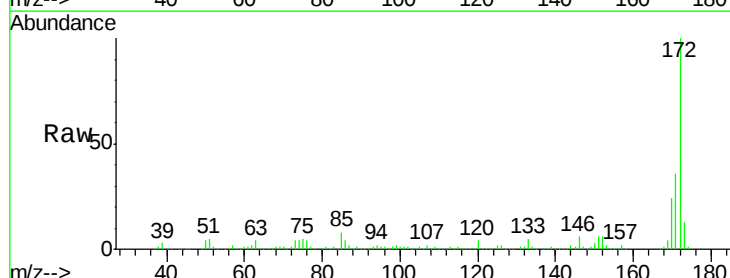


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

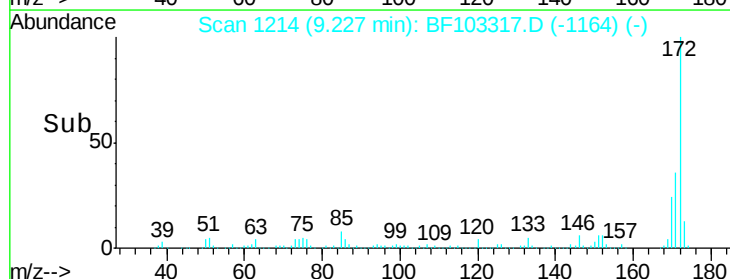
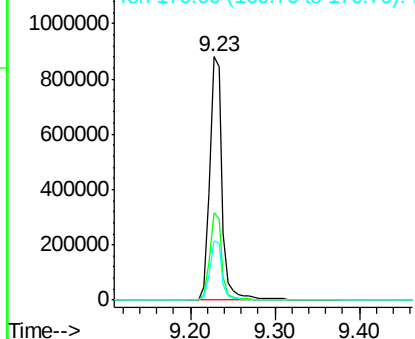


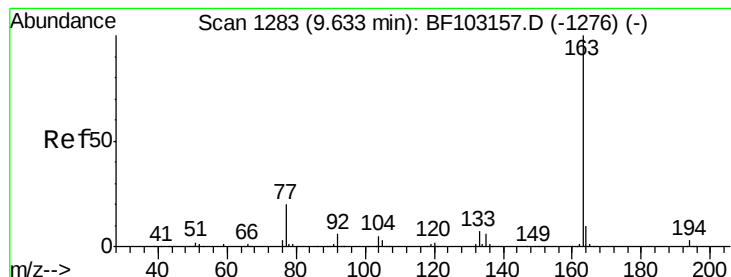
#44
 2-Fluorobiphenyl
 Concen: 75.283 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103317.D
 Acq: 1 Mar 2018 2:04

Tgt Ion:172 Resp: 923028
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 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





#49

Dimethylphthalate

Concen: 4.832 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

Instrument :

BNA_F

ClientSampleId :

100MVAR

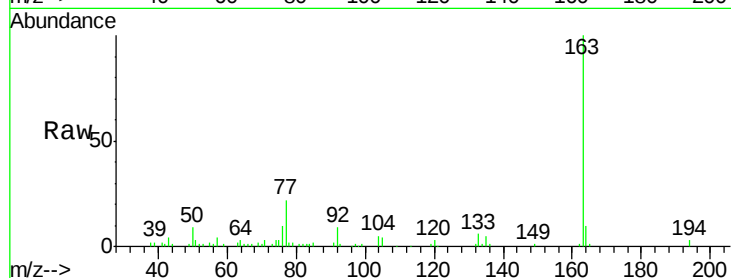
Tot Ion:163 Resp: 79663

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

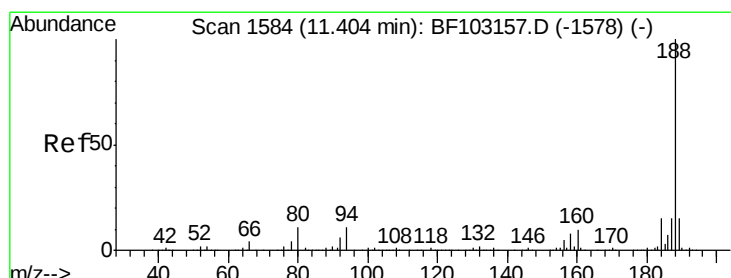
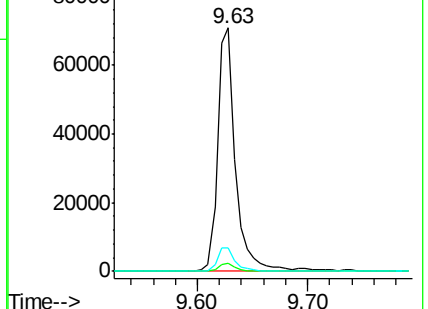
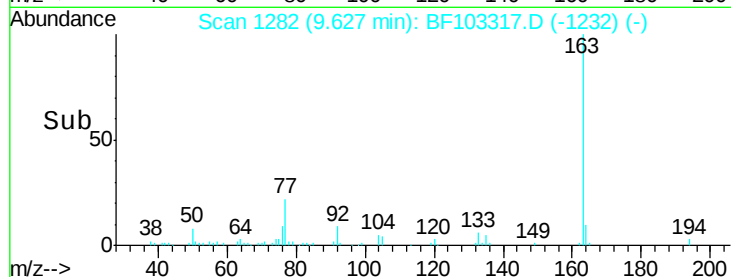
164 9.7 8.2 12.2



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: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

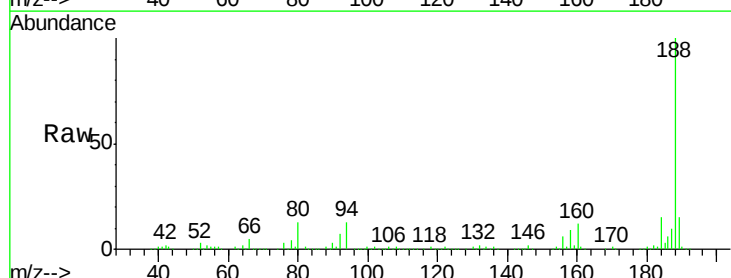
Tgt Ion:188 Resp: 290155

Ion Ratio Lower Upper

188 100

94 12.8 8.5 12.7#

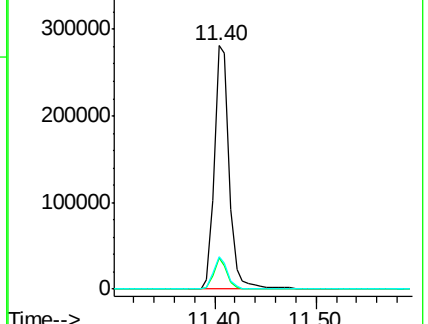
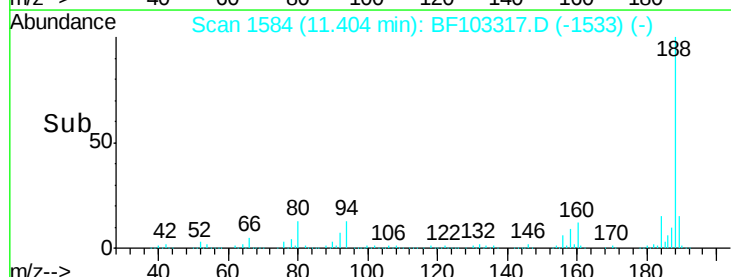
80 13.4 9.2 13.8

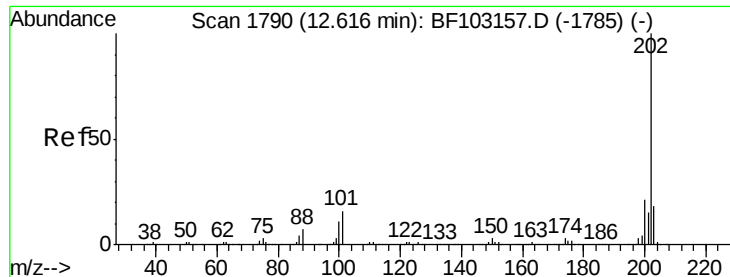


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

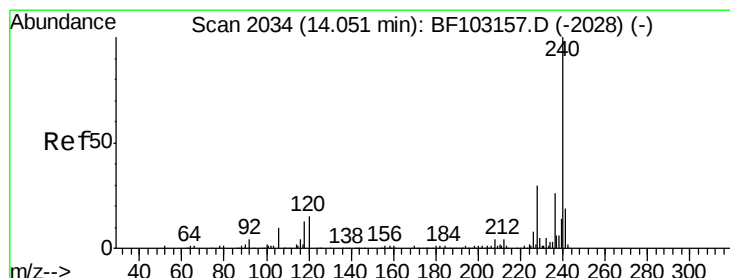
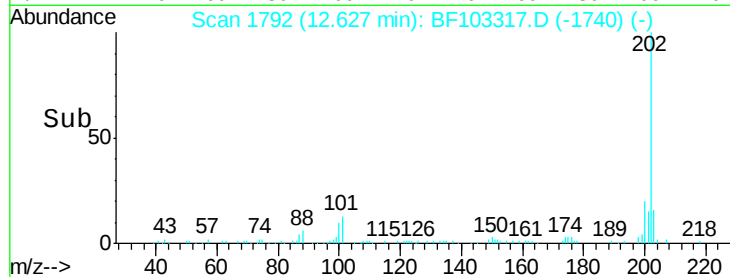
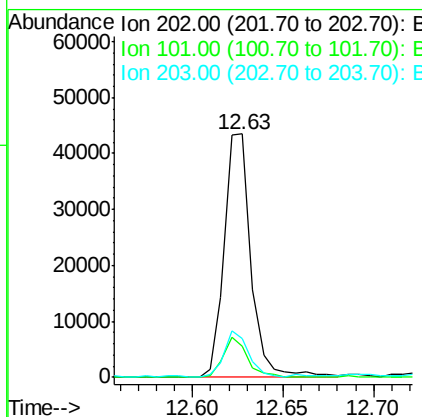
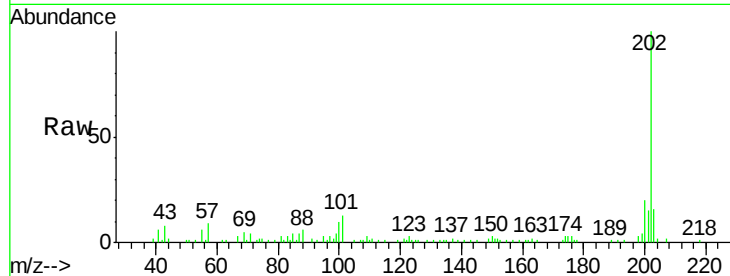




#74
 Fluoranthene
 Concen: 2.809 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BF103317.D
 Acq: 1 Mar 2018 2:04

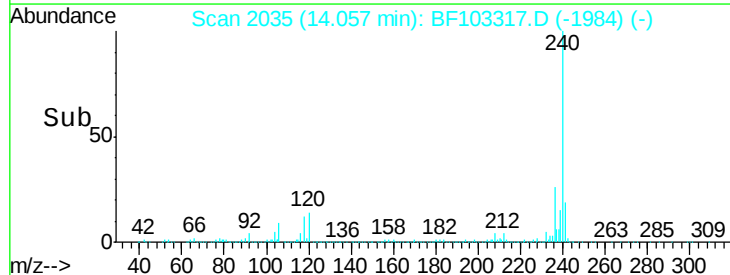
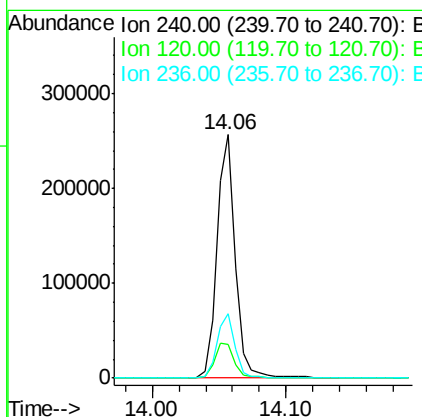
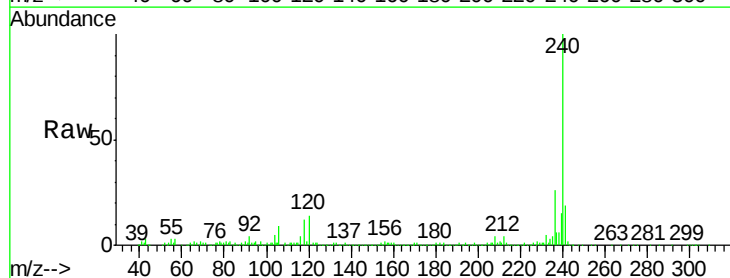
Instrument :
 BNA_F
 ClientSampleId :
 100MVAR

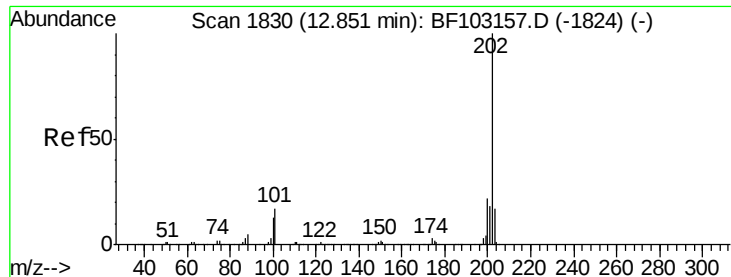
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	16.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103317.D
 Acq: 1 Mar 2018 2:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 2.136 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

Instrument :

BNA_F

ClientSampleId :

100MVAR

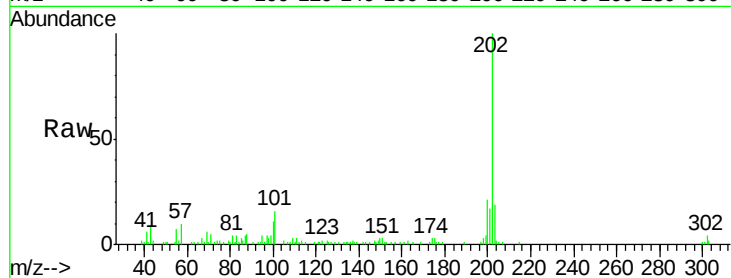
Tot Ion:202 Resp: 41360

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

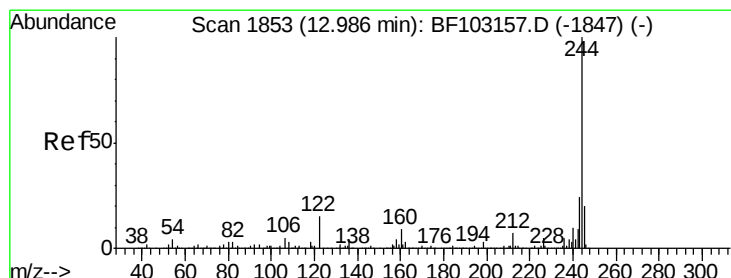
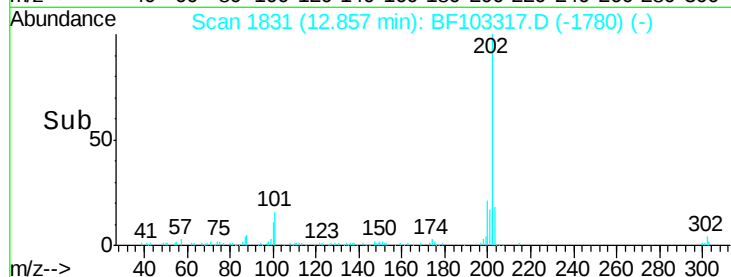
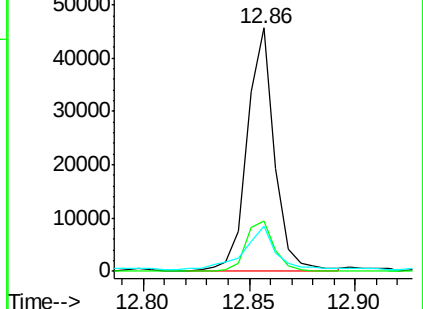
203 18.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.292 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103317.D

Acq: 1 Mar 2018 2:04

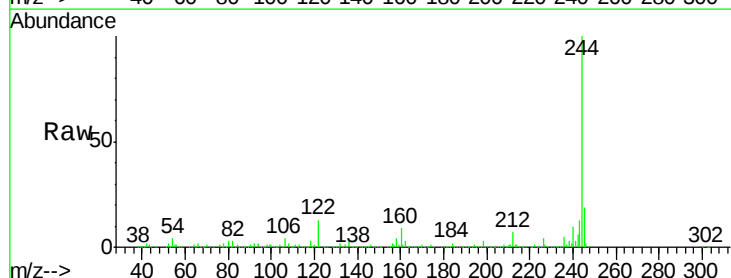
Tgt Ion:244 Resp: 591781

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

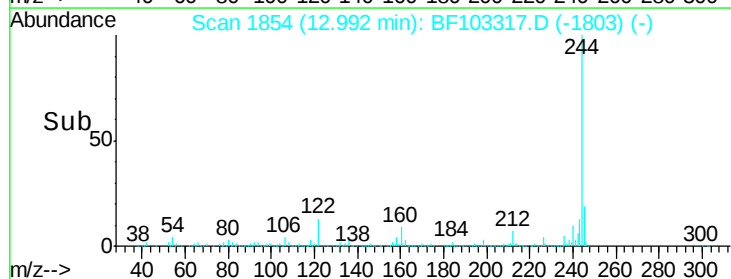
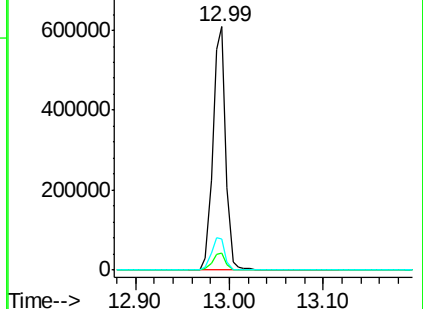
122 12.8 11.0 16.4

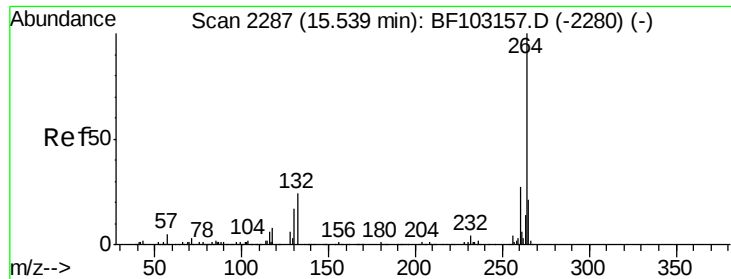


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

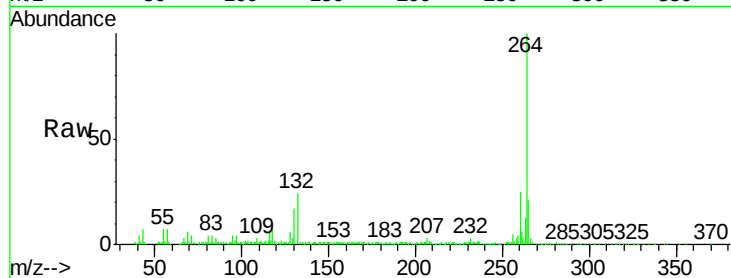




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103317.D
Acq: 1 Mar 2018 2:04

Instrument :
BNA_F
ClientSampleId :
100MVAR

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	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

