

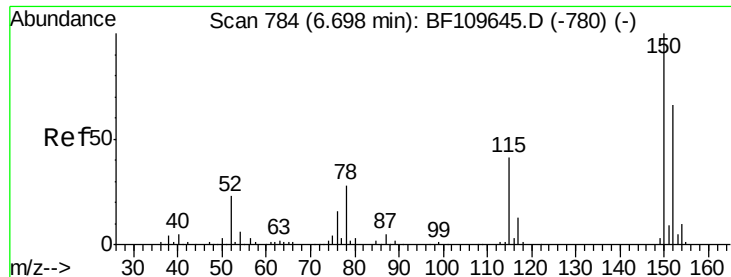
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109717.D
 Acq On : 10 Oct 2018 1:36
 Operator : JU/SJ
 Sample : J5329-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POND-2

Quant Time: Oct 10 03:09:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	75182	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	305134	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	123971	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	214662	20.00	ng	0.00
75) Chrysene-d12	13.83	240	216282	20.00	ng	0.00
86) Perylene-d12	15.22	264	179631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	466756	110.20	ng	0.00
7) Phenol-d6	6.35	99	645243	114.04	ng	-0.01
23) Nitrobenzene-d5	7.26	82	427569	77.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	127983	94.75	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	716492	79.60	ng	0.00
78) Terphenyl-d14	12.78	244	587280	52.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	54634	13.769	ng	# 79
25) Isophorone	7.26	82	429914	46.771	ng	# 67
49) Dimethylphthalate	9.45	163	90833	9.990	ng	100
56) 2,4-Dinitrotoluene	9.72	165	14954	6.080	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7746	3.140	ng	# 1

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

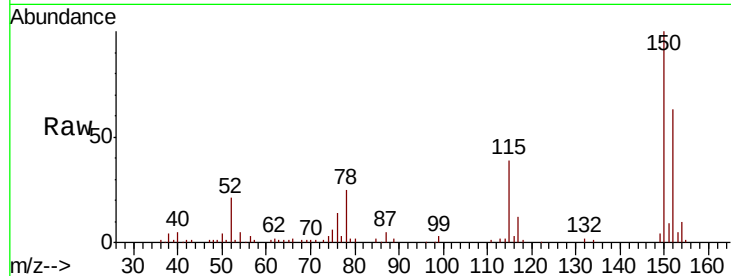


#1

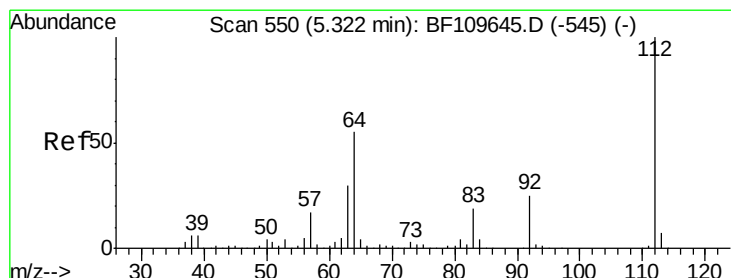
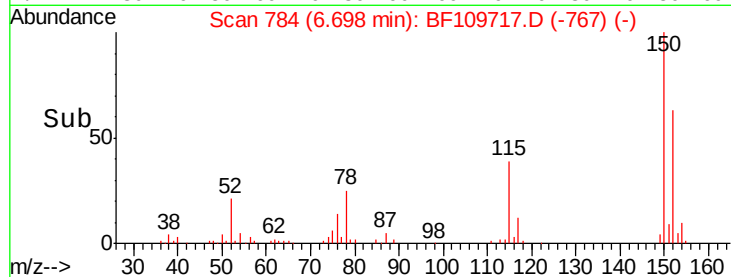
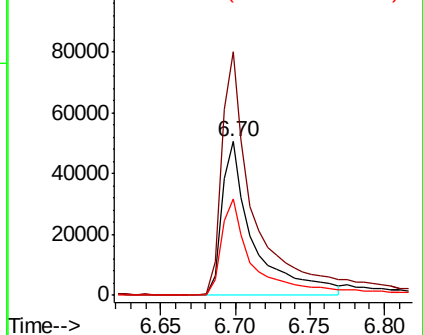
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Instrument :
BNA_F
ClientSampleId :
POND-2

Tgt Ion:152 Resp: 75182
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 62.4 49.1 73.7



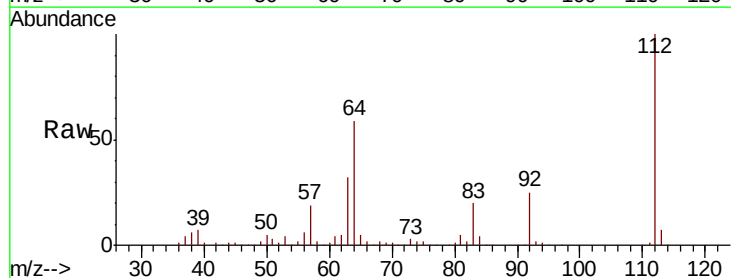
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



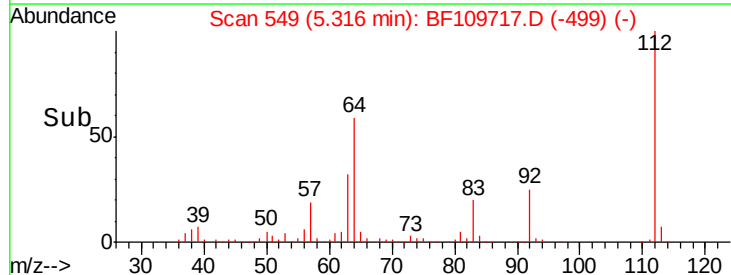
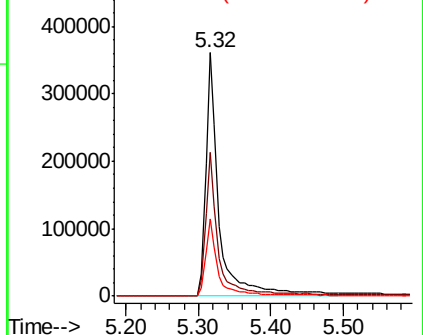
#5

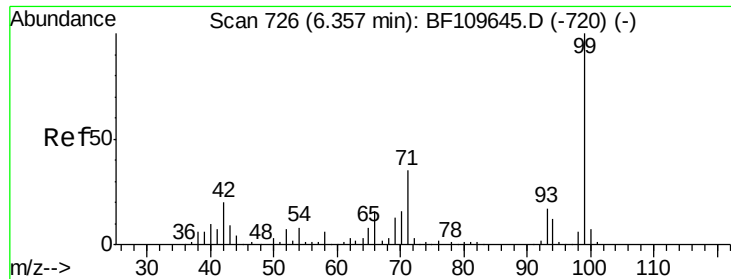
2-Fluorophenol
Concen: 110.200 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Tgt Ion:112 Resp: 466756
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.037 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

Instrument :

BNA_F

ClientSampleId :

POND-2

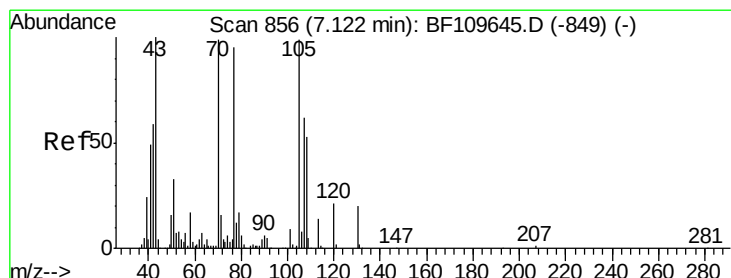
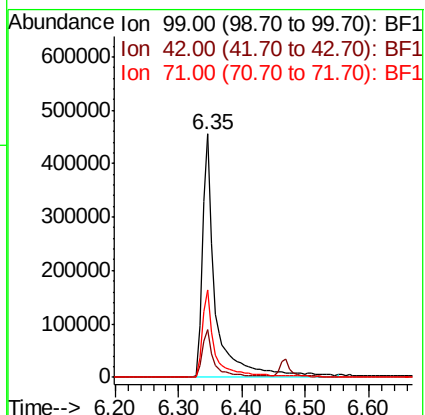
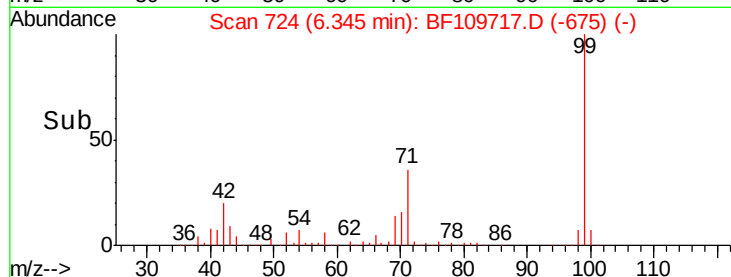
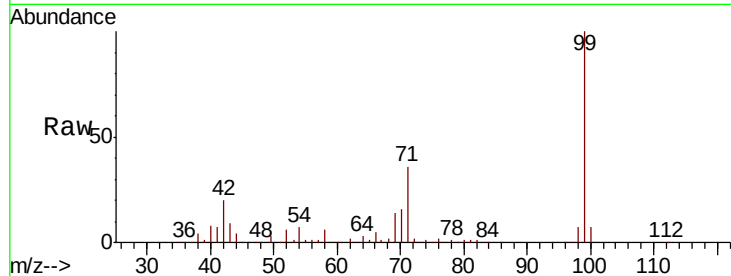
Tgt Ion: 99 Resp: 645243

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

71 36.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.769 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

Tgt Ion: 70 Resp: 54634

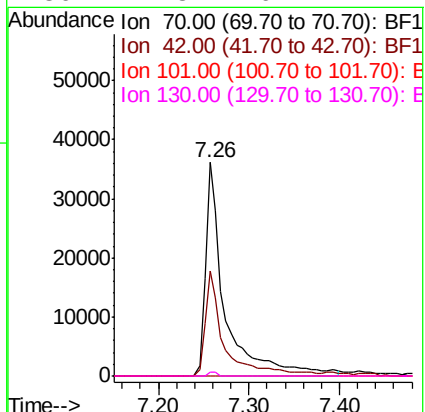
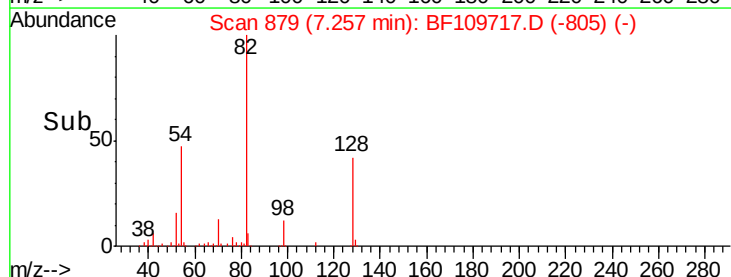
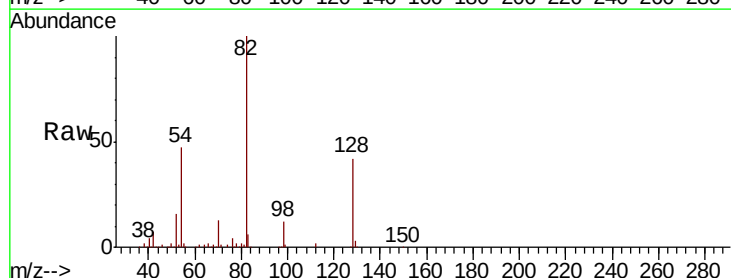
Ion Ratio Lower Upper

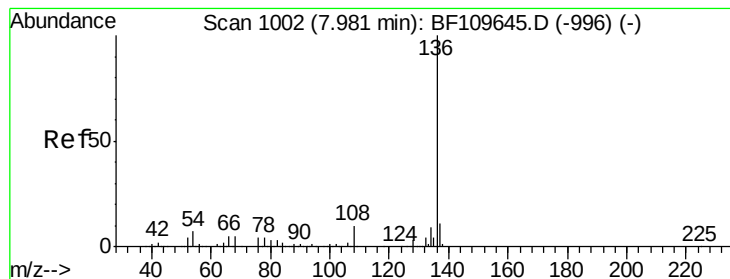
70 100

42 49.1 47.4 71.2

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

Instrument :

BNA_F

ClientSampleId :

POND-2

Tgt Ion: 136 Resp: 305134

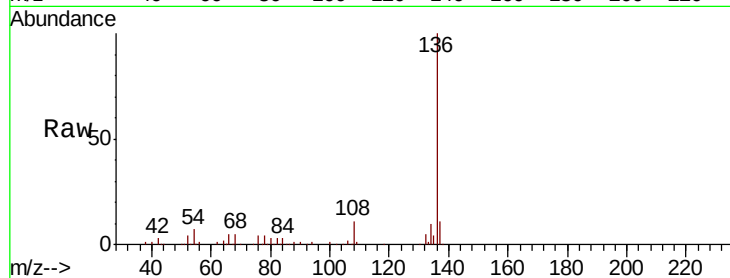
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.4 8.2

68 5.3 4.2 6.2

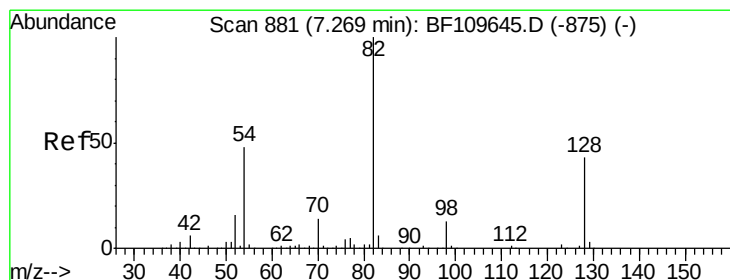
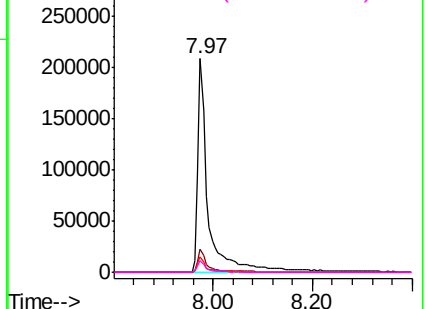
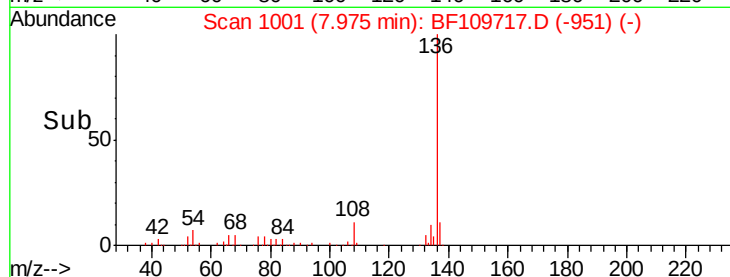


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.242 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

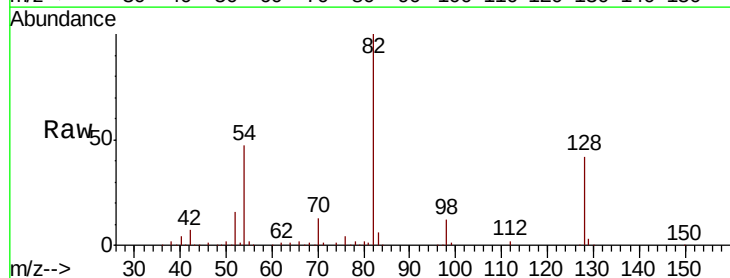
Tgt Ion: 82 Resp: 427569

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.2

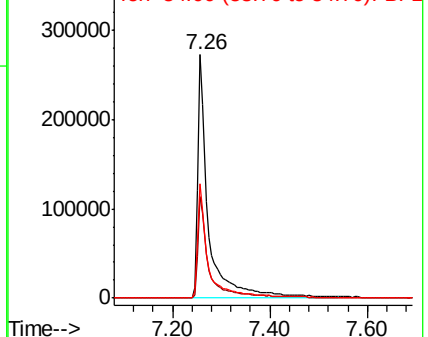
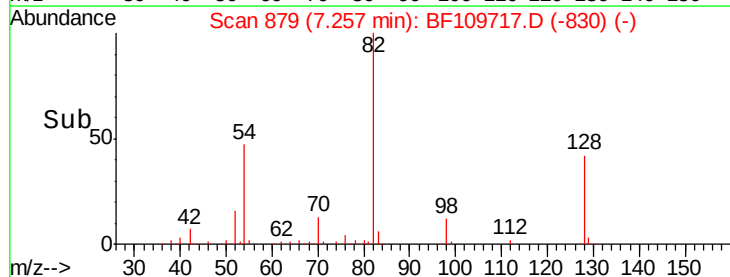
54 47.0 38.6 58.0

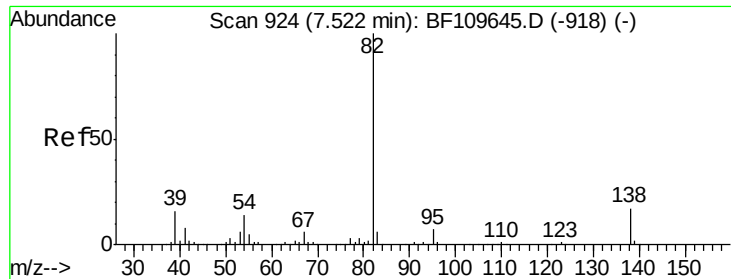


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

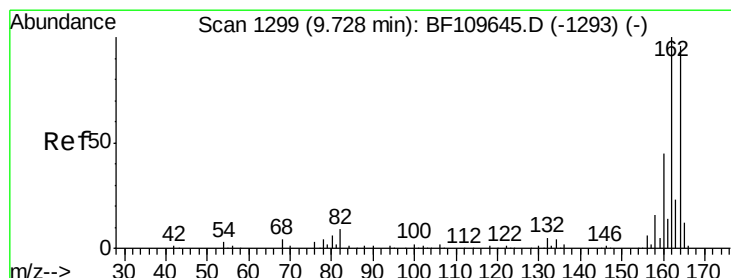
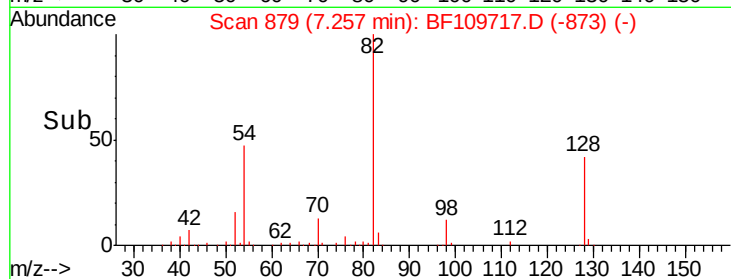
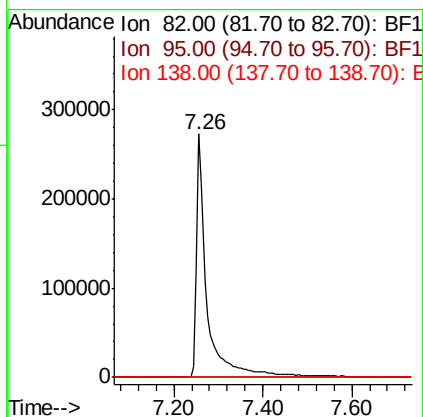
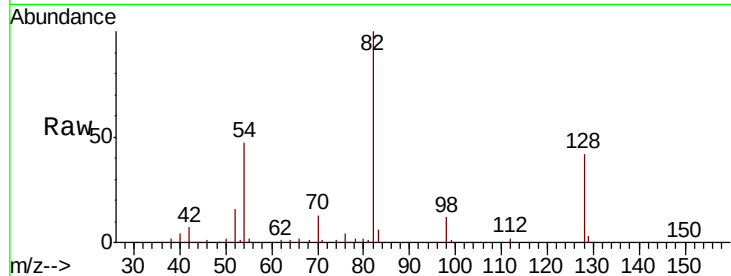




#25
Isophorone
Concen: 46.771 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

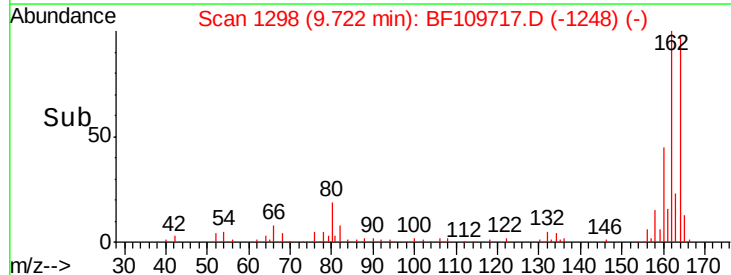
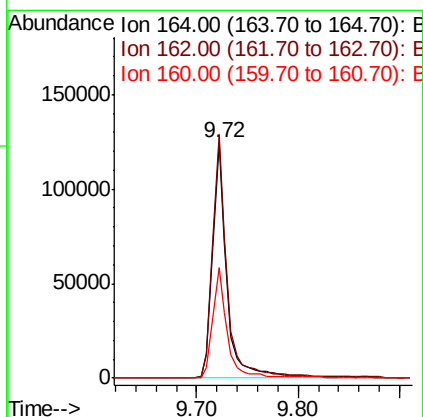
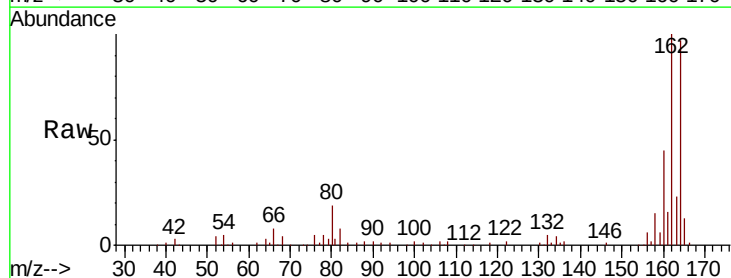
Instrument :
BNA_F
ClientSampleId :
POND-2

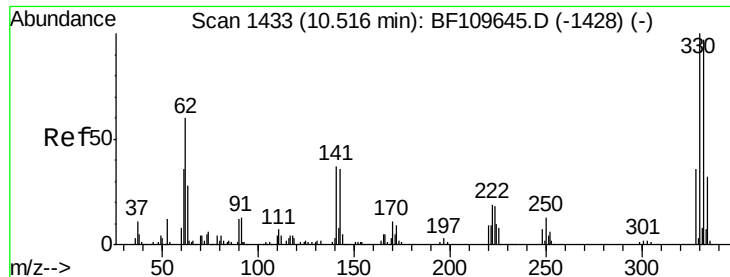
Tgt Ion: 82 Resp: 429914
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Tgt Ion: 164 Resp: 123971
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.7 37.0 55.6

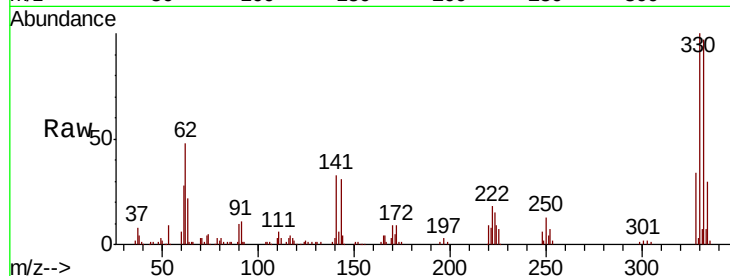




#41
 2,4,6-Tribromophenol
 Concen: 94.746 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109717.D
 Acq: 10 Oct 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 POND-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	35.0	27.0	40.4

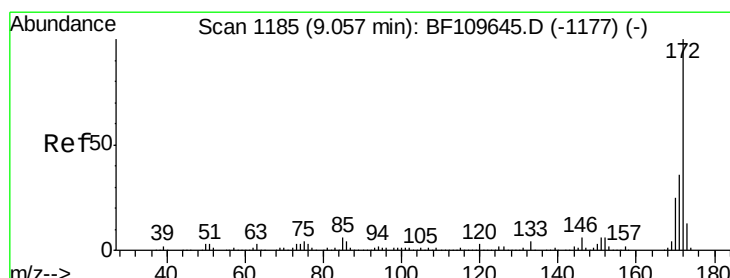
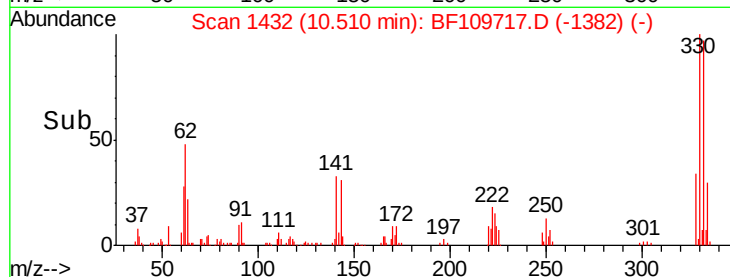
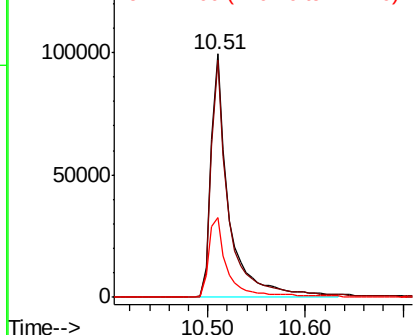


Abundance

Ion 329.80 (329.50 to 330.50): E

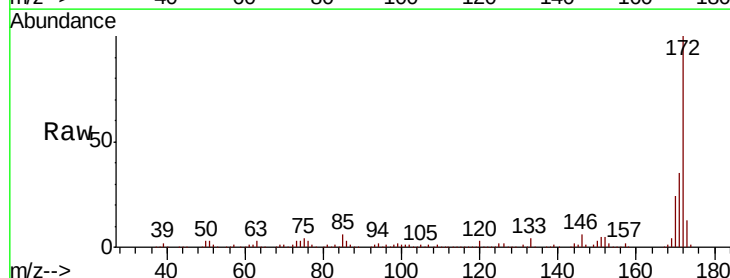
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.598 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109717.D
 Acq: 10 Oct 2018 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.5	19.7	29.5

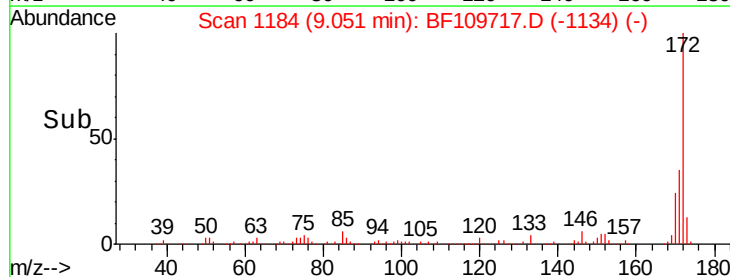
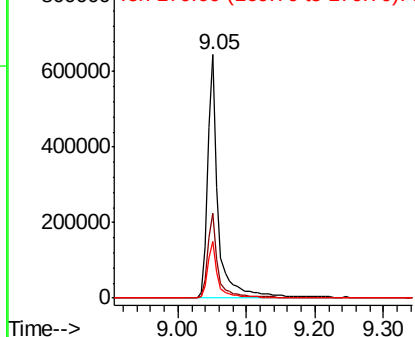


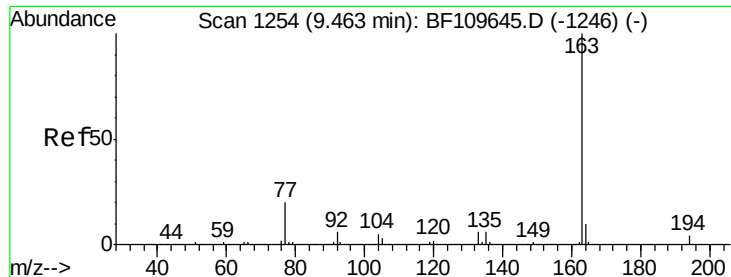
Abundance

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

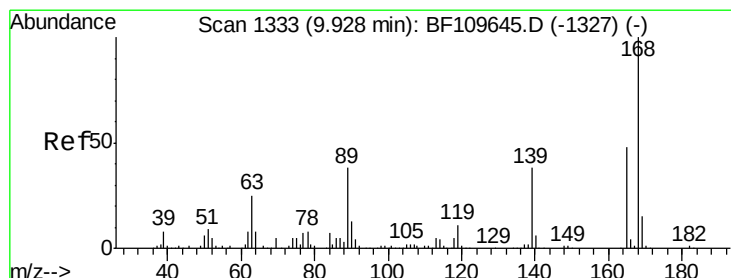
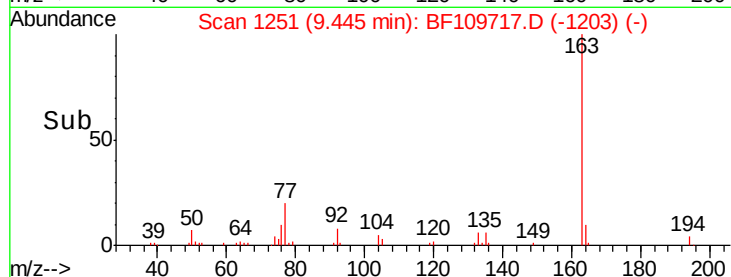
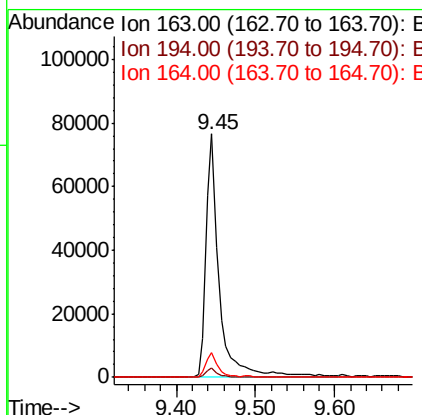
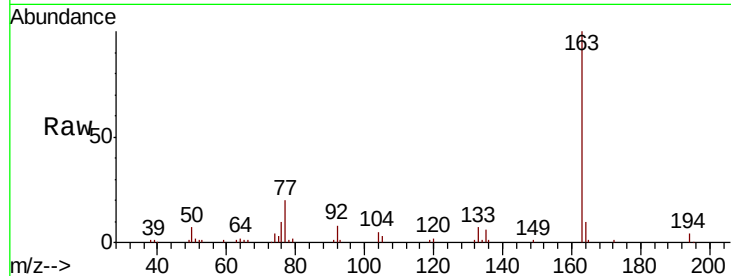




#49
Dimethylphthalate
Concen: 9.990 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

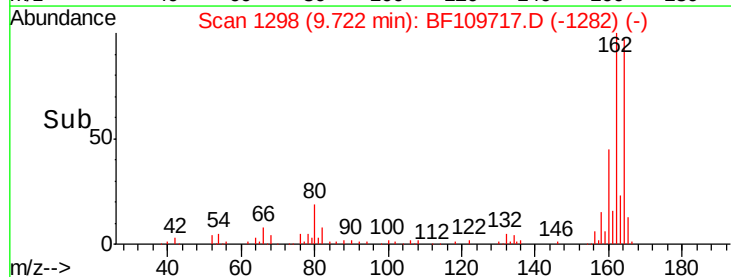
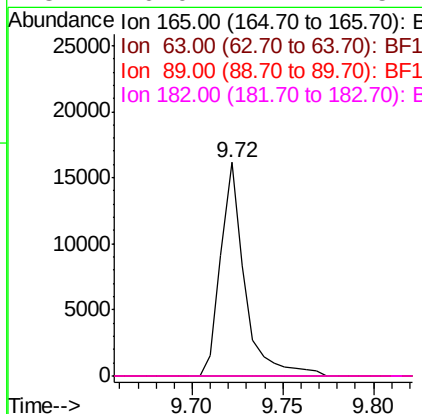
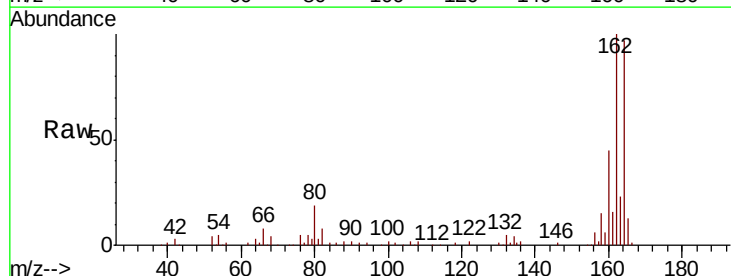
Instrument :
BNA_F
ClientSampleId :
POND-2

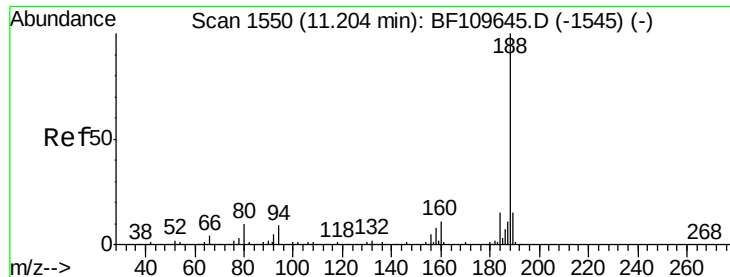
Tgt Ion:163 Resp: 90833
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 6.080 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Tgt Ion:165 Resp: 14954
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

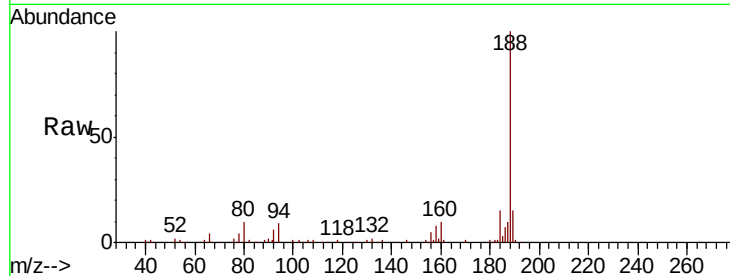




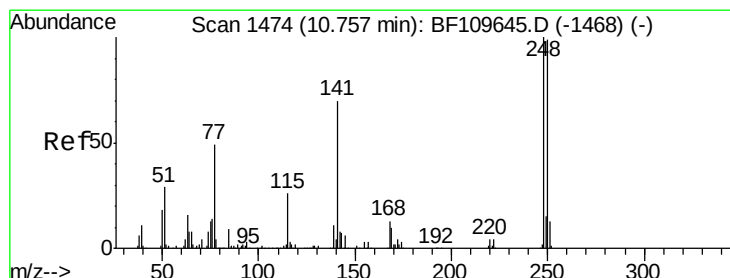
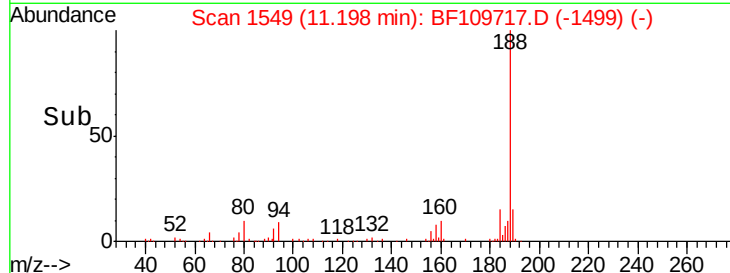
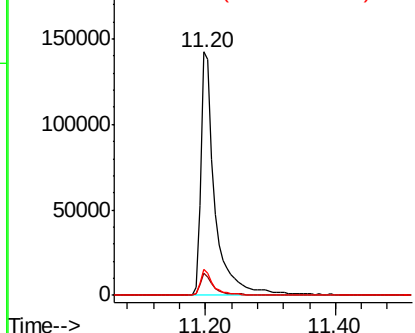
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Instrument :
BNA_F
ClientSampleId :
POND-2

Tgt Ion:188 Resp: 214662
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.5 7.9 11.9

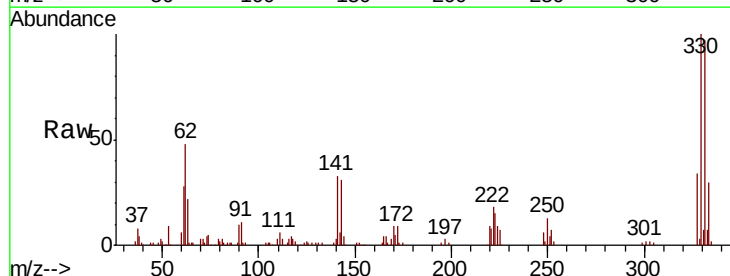


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

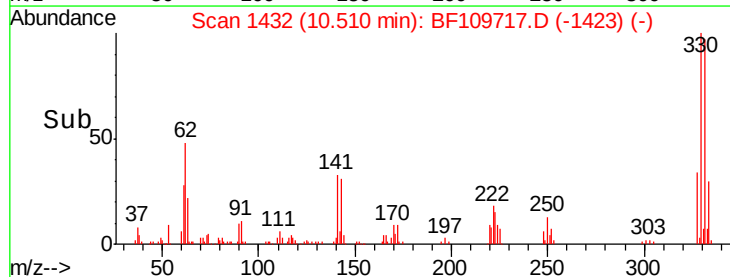
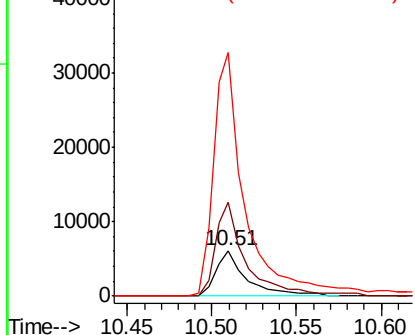


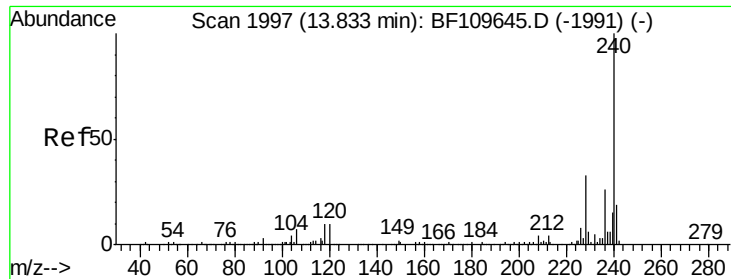
#66
4-Bromophenyl-phenylether
Concen: 3.140 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Tgt Ion:248 Resp: 7746
Ion Ratio Lower Upper
248 100
250 206.5 79.4 119.2#
141 537.6 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

Instrument :

BNA_F

ClientSampleId :

POND-2

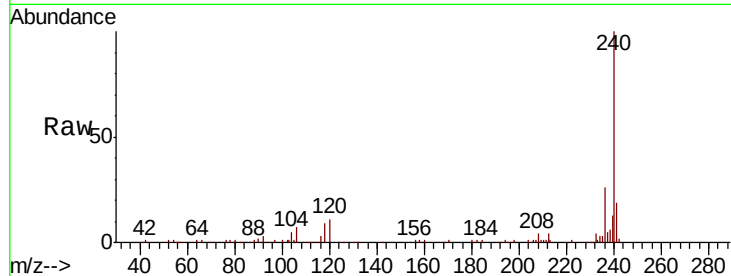
Tgt Ion:240 Resp: 216282

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

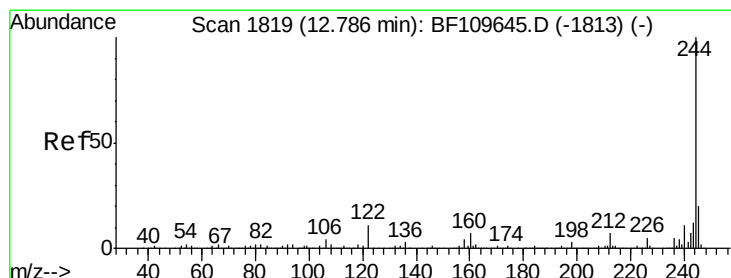
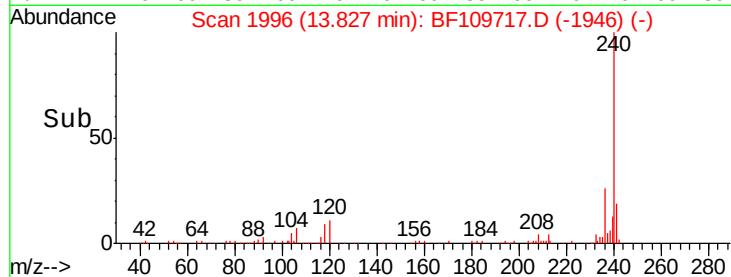
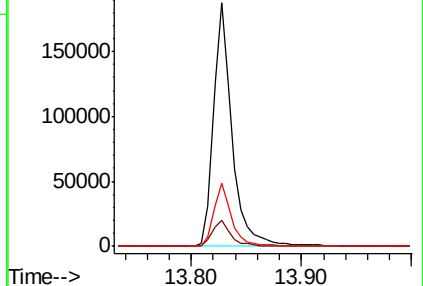
236 25.9 21.2 31.8



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: 52.565 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109717.D

Acq: 10 Oct 2018 1:36

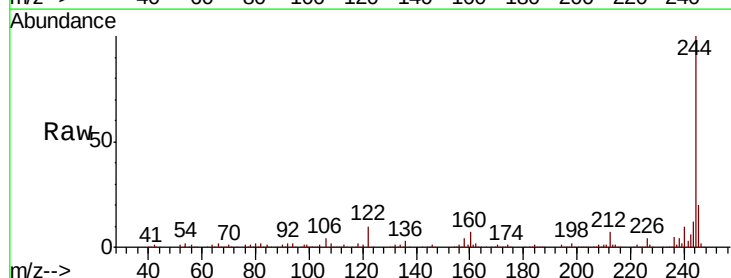
Tgt Ion:244 Resp: 587280

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

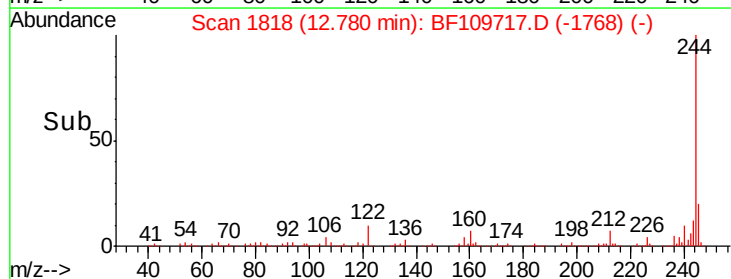
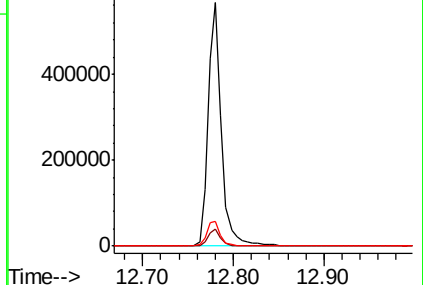
122 10.4 8.7 13.1

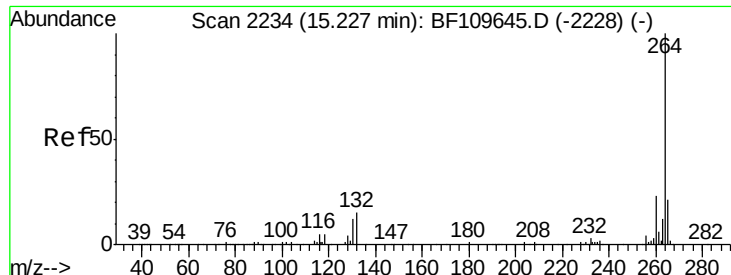


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109717.D
Acq: 10 Oct 2018 1:36

Instrument :
BNA_F
ClientSampleId :
POND-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.1	16.7	25.1

