

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109707.D
 Acq On : 9 Oct 2018 20:55
 Operator : JU/SJ
 Sample : J5329-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POND-1

Quant Time: Oct 10 03:07:20 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

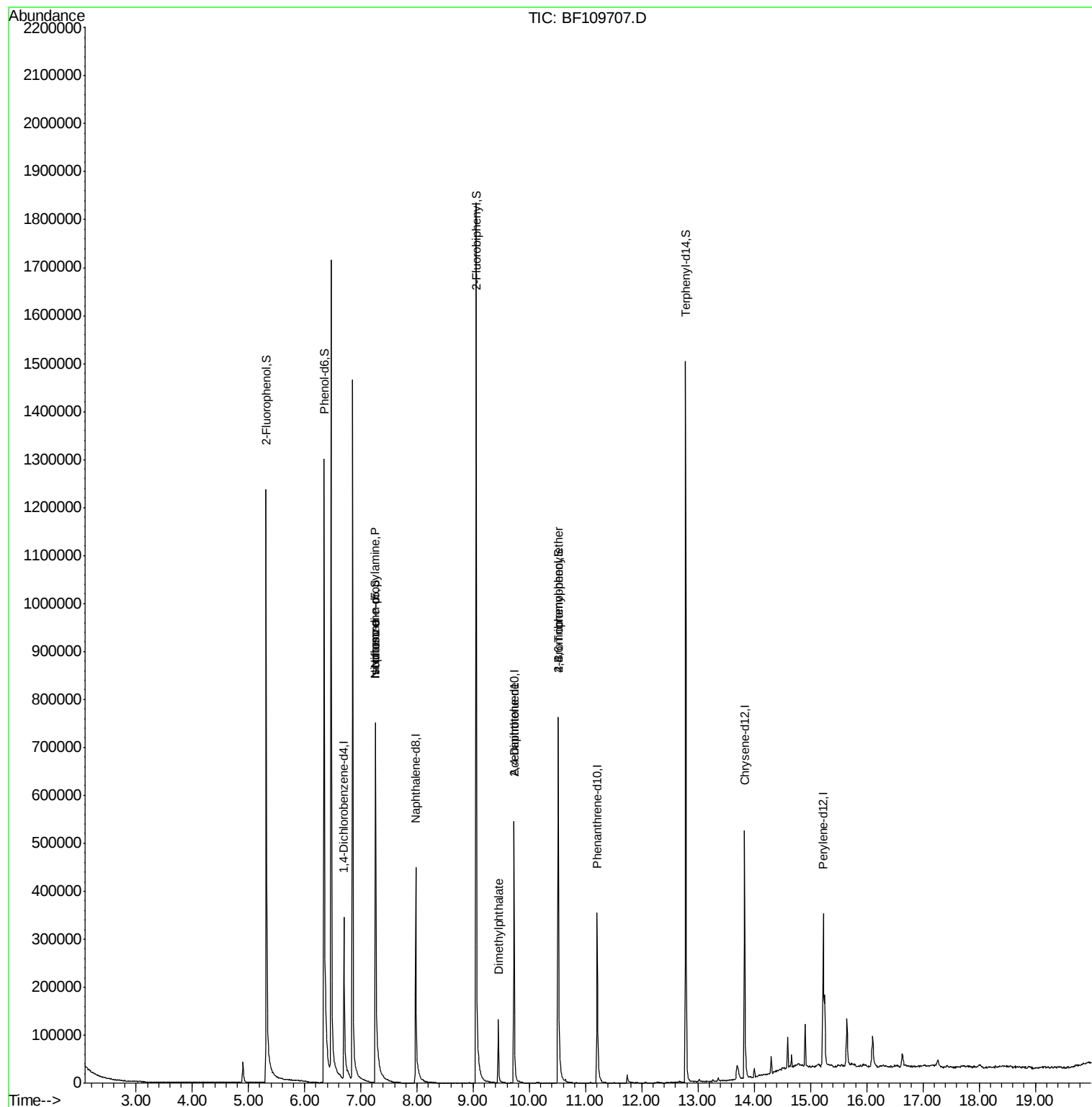
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78148	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	304536	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	122357	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	209128	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210038	20.00	ng	0.00
86) Perylene-d12	15.23	264	173970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	480806	109.21	ng	0.00
7) Phenol-d6	6.35	99	663223	112.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	421057	76.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	123424	92.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	695121	78.24	ng	0.00
78) Terphenyl-d14	12.78	244	549506	50.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	54152	13.129	ng	# 78
25) Isophorone	7.26	82	421057	45.897	ng	# 67
49) Dimethylphthalate	9.45	163	65735	7.325	ng	99
56) 2,4-Dinitrotoluene	9.72	165	15105	6.222	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7102	2.956	ng	# 1

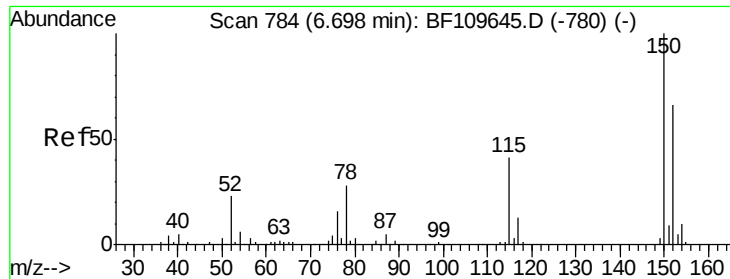
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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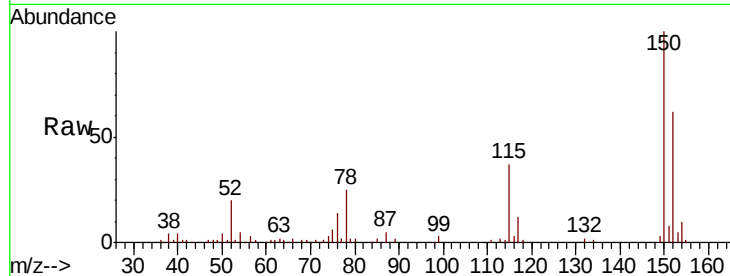




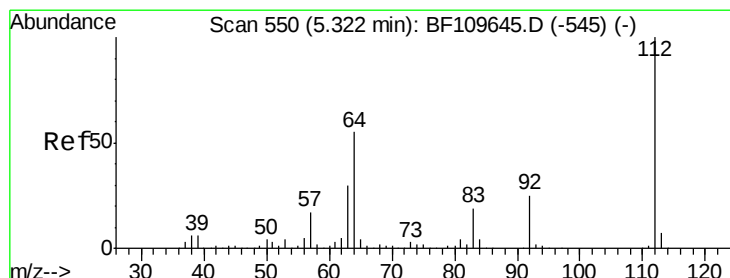
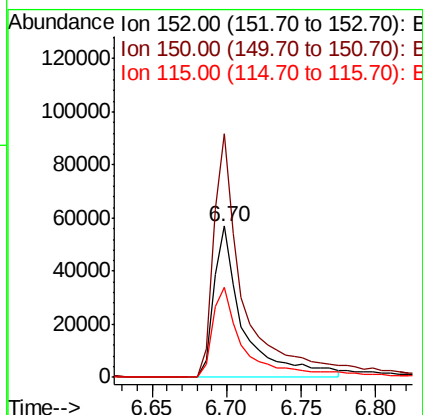
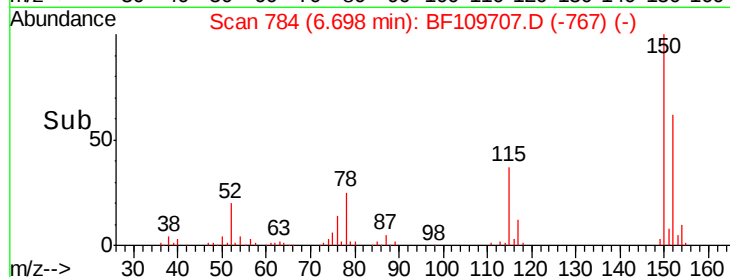
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109707.D
 Acq: 9 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 POND-1

Tgt Ion:152 Resp: 78148
 Ion Ratio Lower Upper
 152 100
 150 161.3 122.7 184.1
 115 59.7 49.1 73.7

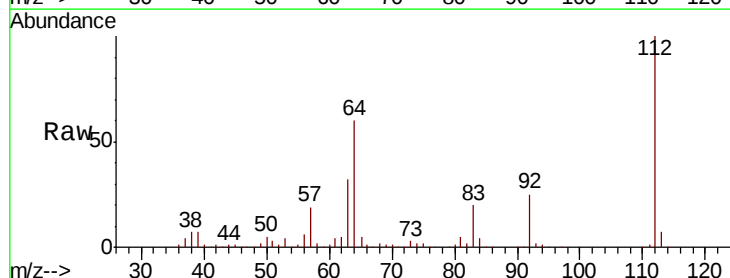


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

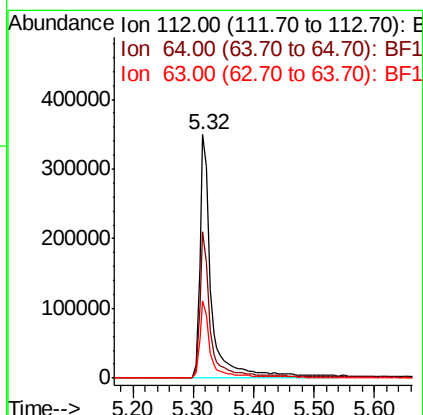
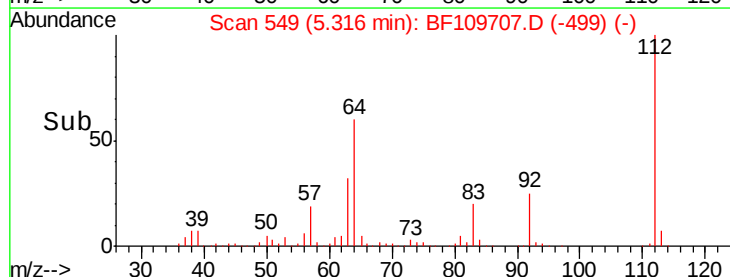


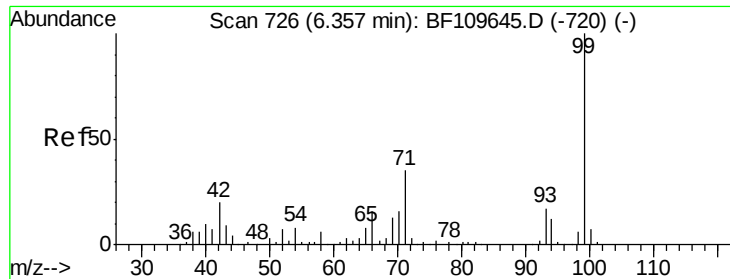
#5
 2-Fluorophenol
 Concen: 109.209 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF109707.D
 Acq: 9 Oct 2018 20:55

Tgt Ion:112 Resp: 480806
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 31.8 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: 112.766 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

POND-1

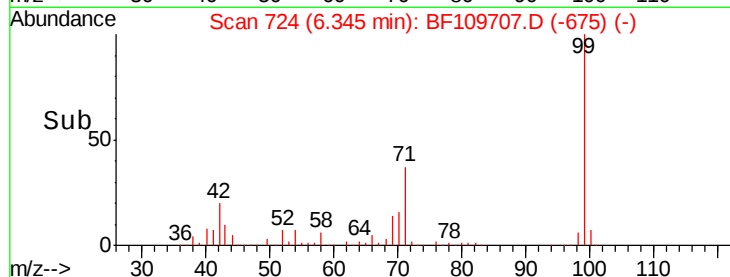
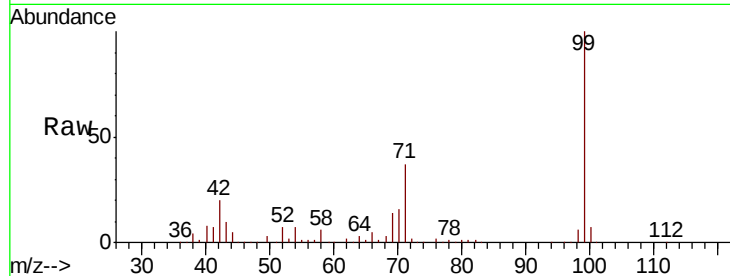
Tgt Ion: 99 Resp: 663223

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

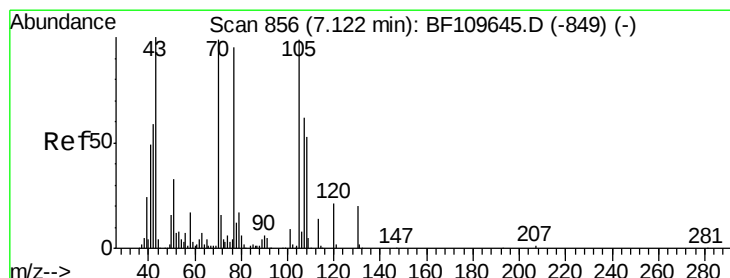
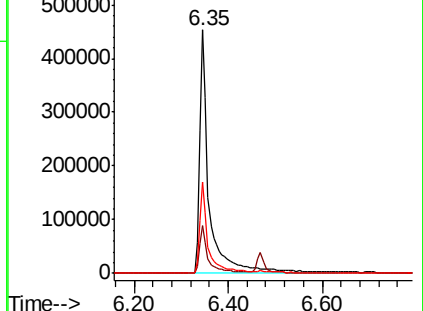
71 37.4 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.129 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

Tgt Ion: 70 Resp: 54152

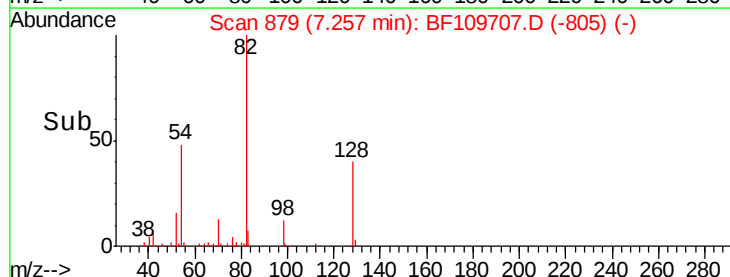
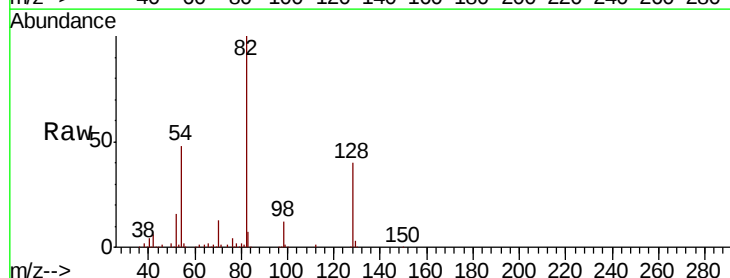
Ion Ratio Lower Upper

70 100

42 47.9 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

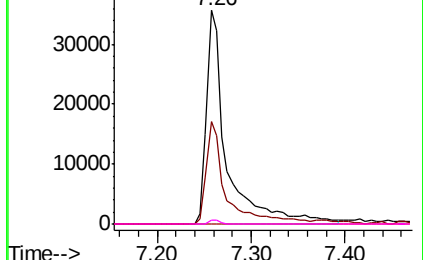


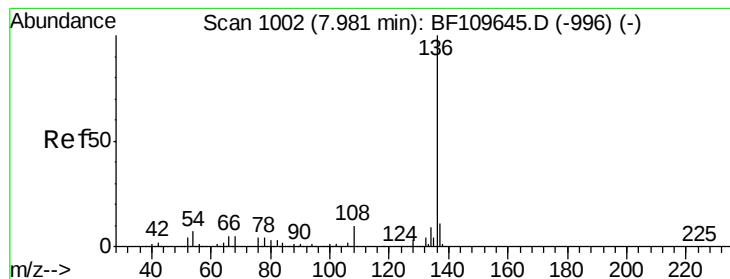
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

POND-1

Tgt Ion:136 Resp: 304536

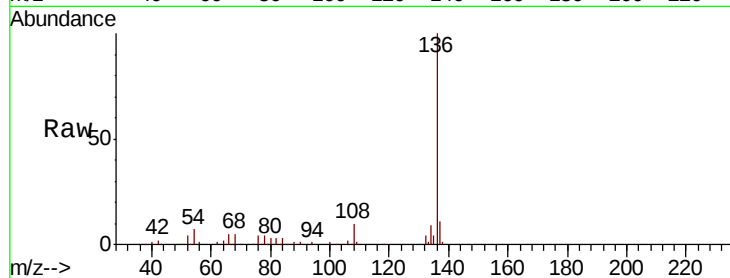
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.1 5.4 8.2

68 5.4 4.2 6.2

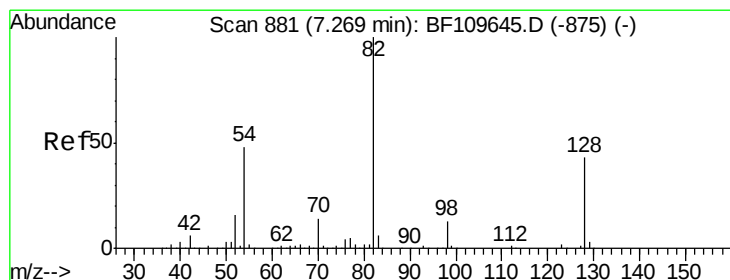
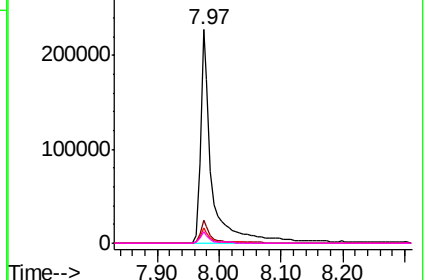
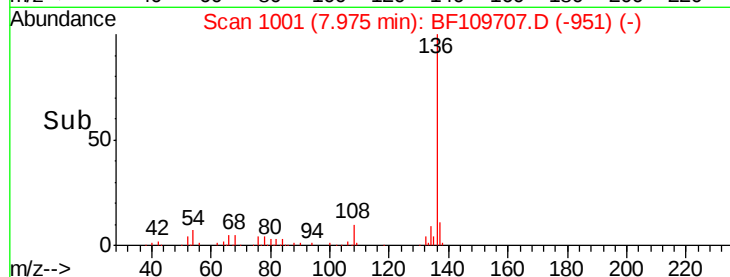


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.215 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

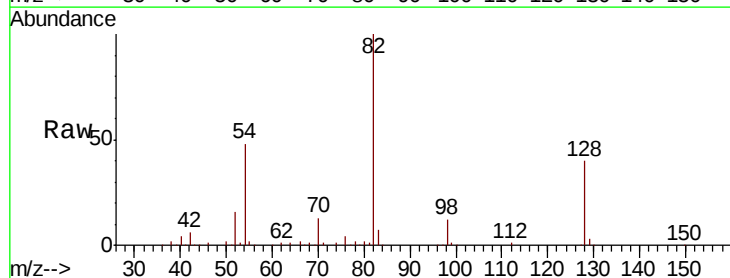
Tgt Ion: 82 Resp: 421057

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.2

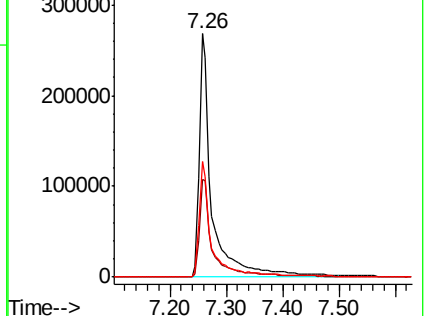
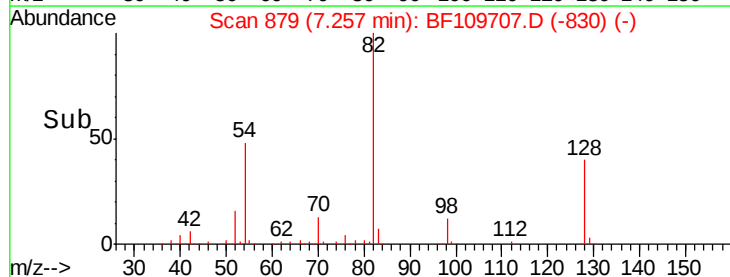
54 47.7 38.6 58.0

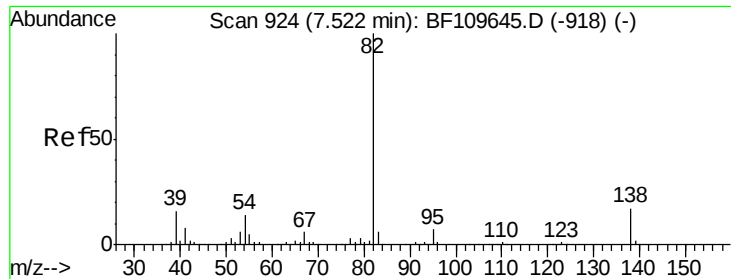


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

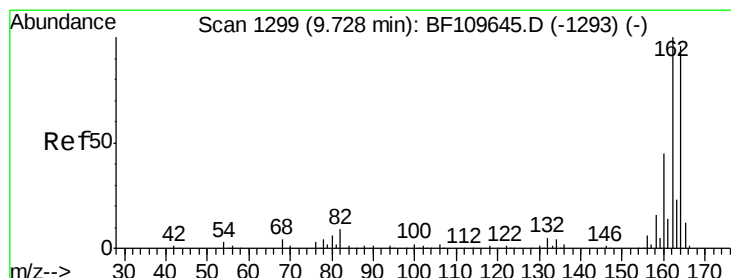
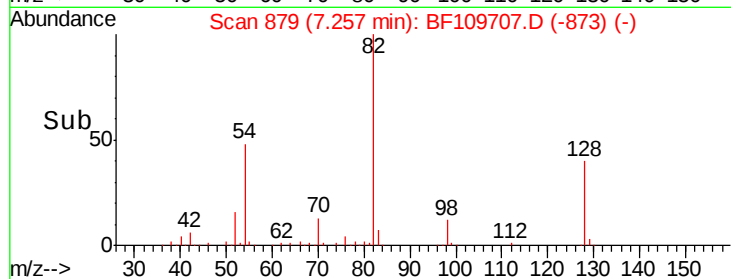
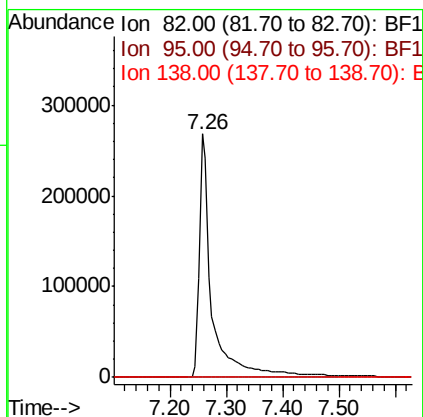
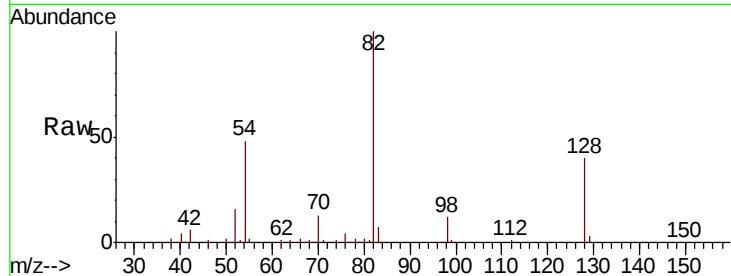




#25
Isophorone
Concen: 45.897 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109707.D
Acq: 9 Oct 2018 20:55

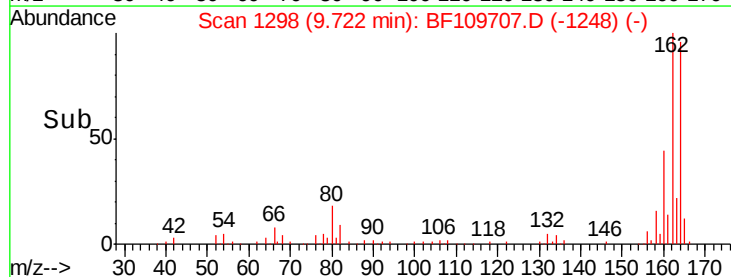
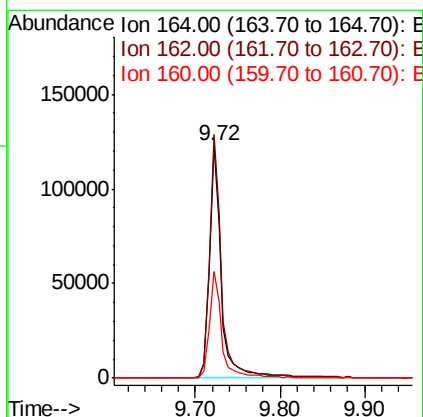
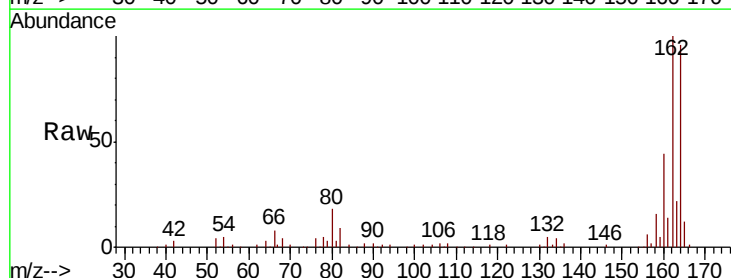
Instrument :
BNA_F
ClientSampleId :
POND-1

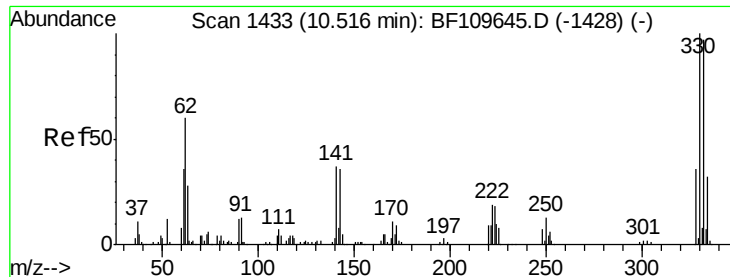
Tgt Ion: 82 Resp: 421057
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109707.D
Acq: 9 Oct 2018 20:55

Tgt Ion: 164 Resp: 122357
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 46.1 37.0 55.6

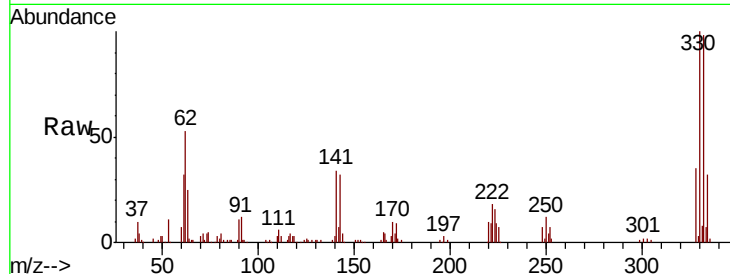




#41
 2,4,6-Tribromophenol
 Concen: 92.576 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109707.D
 Acq: 9 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 POND-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	35.3	27.0	40.4

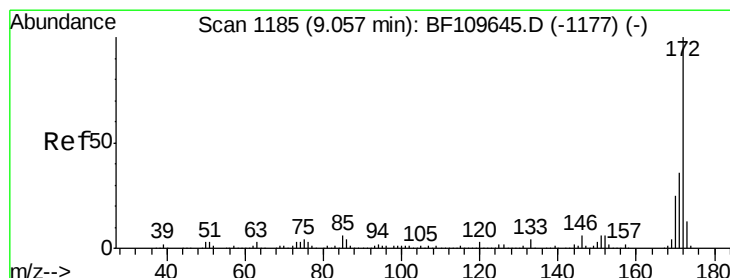
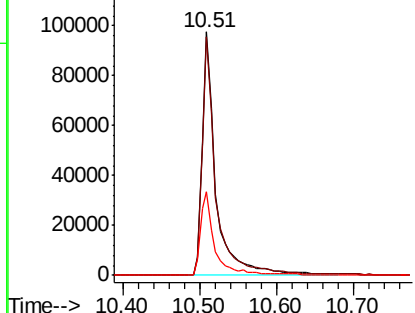
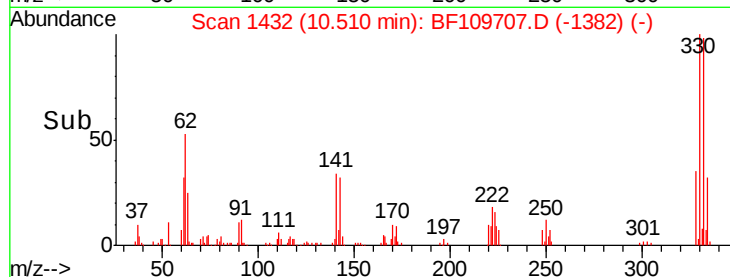


Abundance

Ion 329.80 (329.50 to 330.50): E

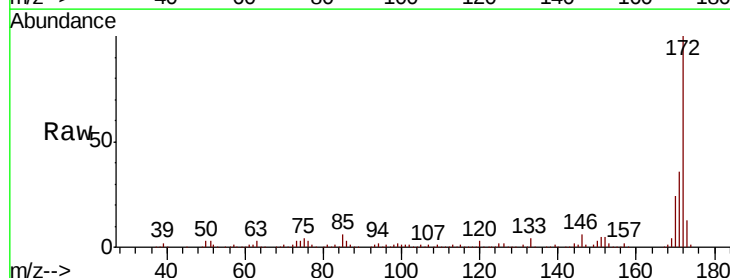
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.243 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109707.D
 Acq: 9 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.7	29.5

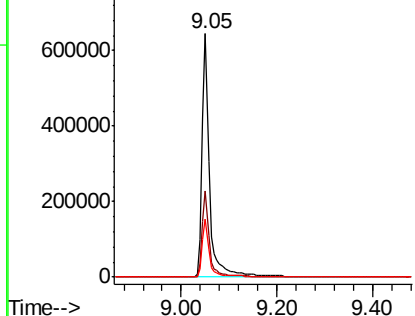
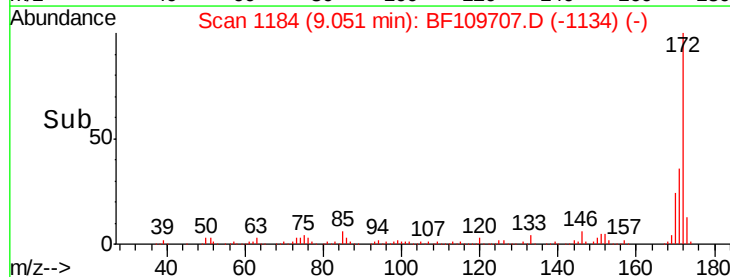


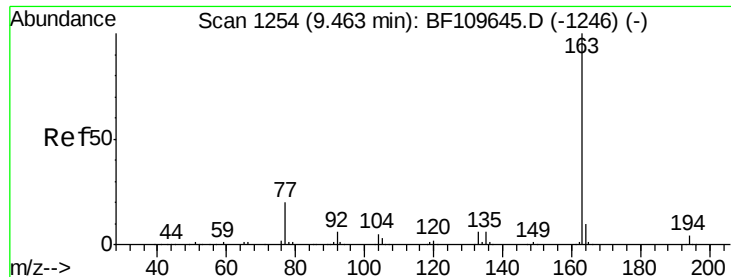
Abundance

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

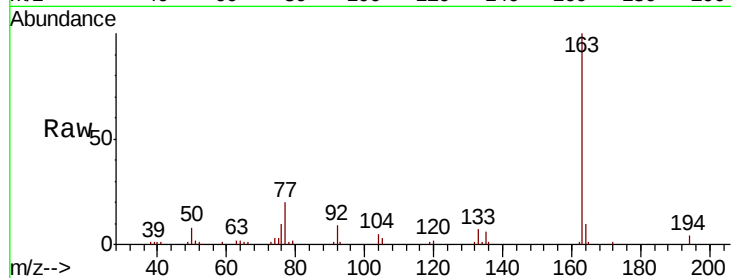




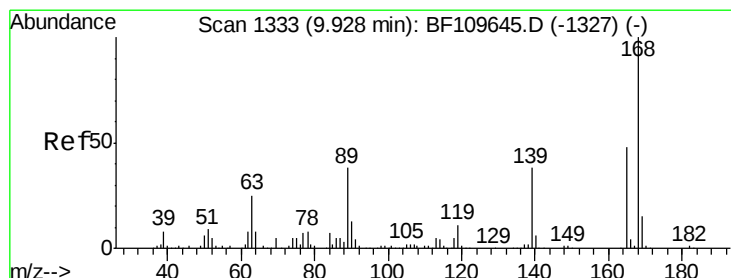
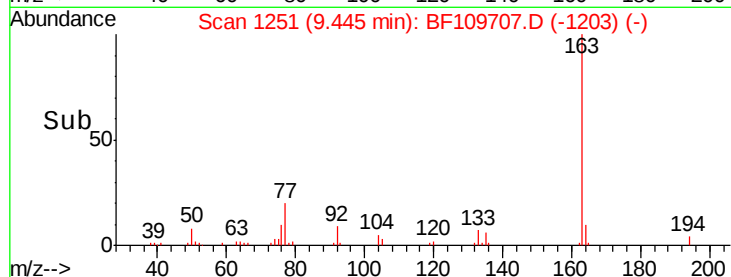
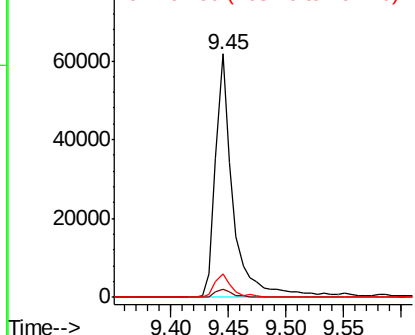
#49
Dimethylphthalate
Concen: 7.325 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109707.D
Acq: 9 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :
POND-1

Tgt Ion:163 Resp: 65735
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.1 12.1

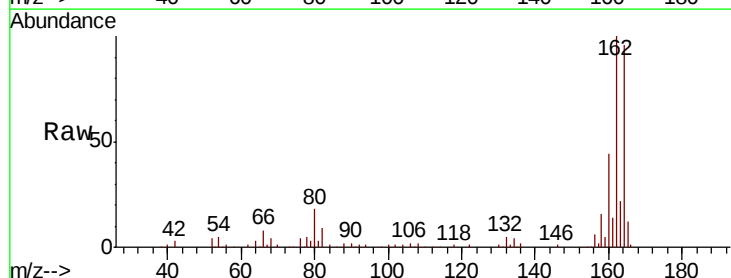


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

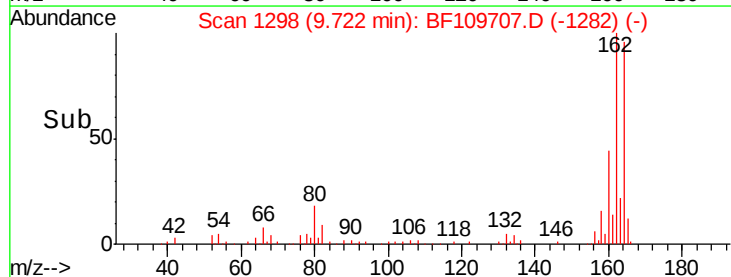
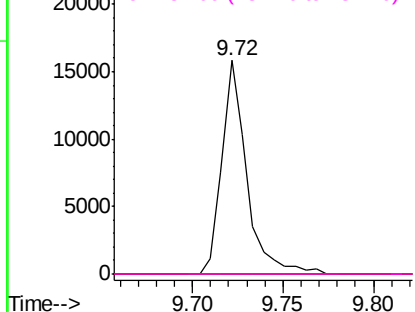


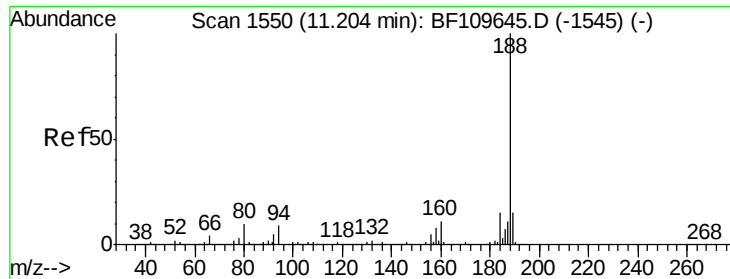
#56
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109707.D
Acq: 9 Oct 2018 20:55

Tgt Ion:165 Resp: 15105
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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

POND-1

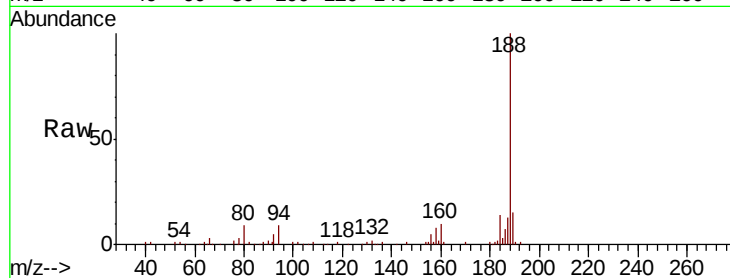
Tgt Ion:188 Resp: 209128

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

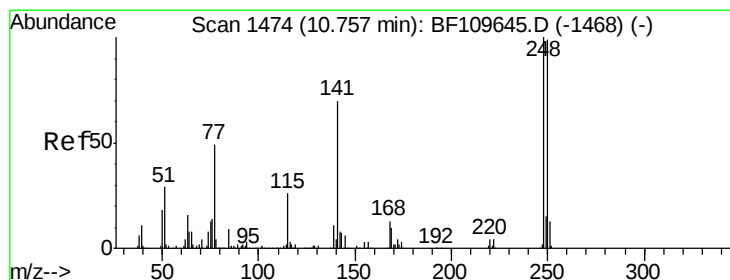
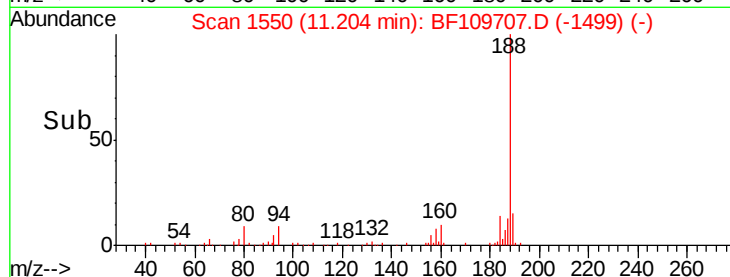
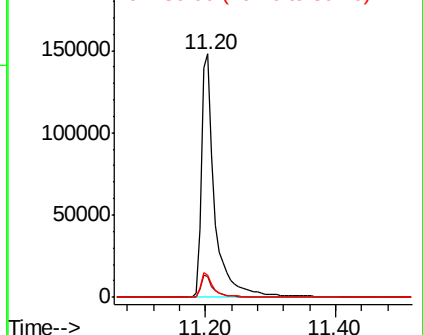
80 9.0 7.9 11.9



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: 2.956 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

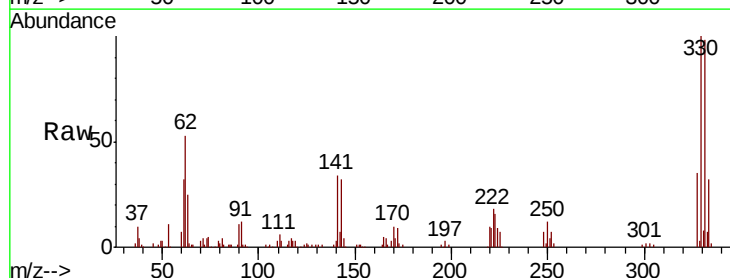
Tgt Ion:248 Resp: 7102

Ion Ratio Lower Upper

248 100

250 182.5 79.4 119.2#

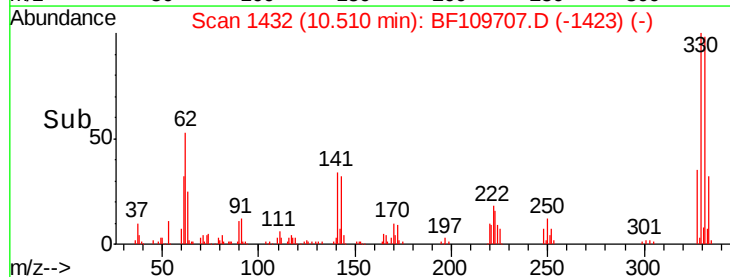
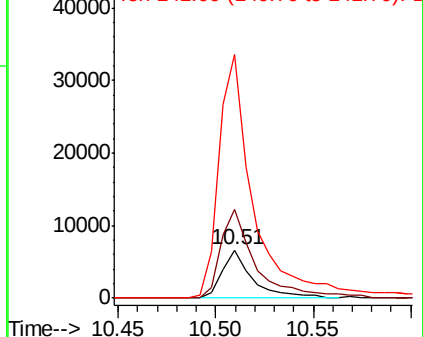
141 503.7 55.9 83.9#

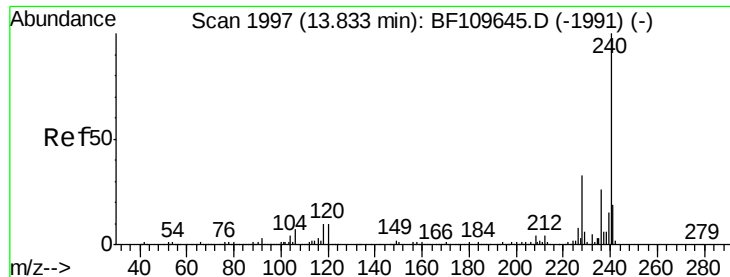


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF109707.D

Acq: 9 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

POND-1

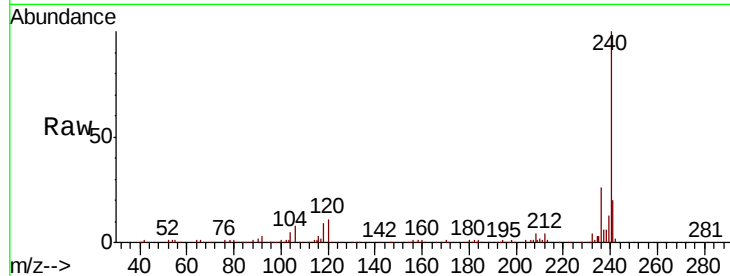
Tgt Ion:240 Resp: 210038

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

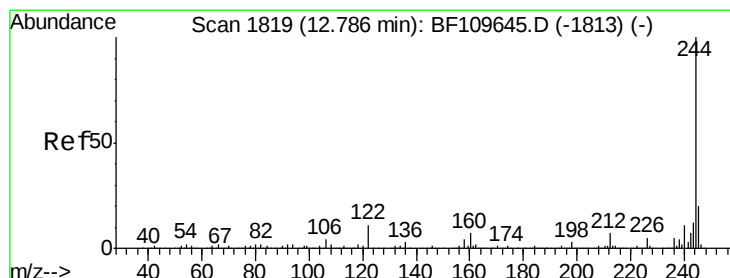
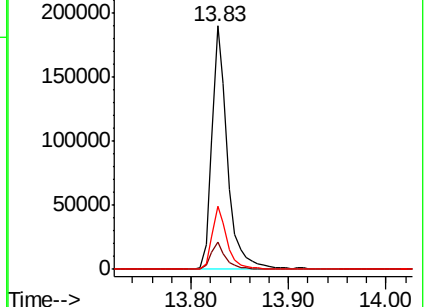
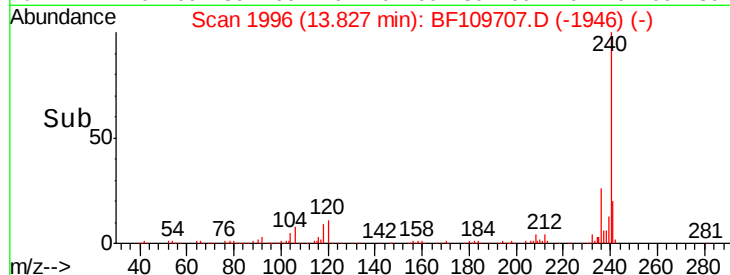
236 25.9 21.2 31.8



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: 50.646 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109707.D

Acq: 9 Oct 2018 20:55

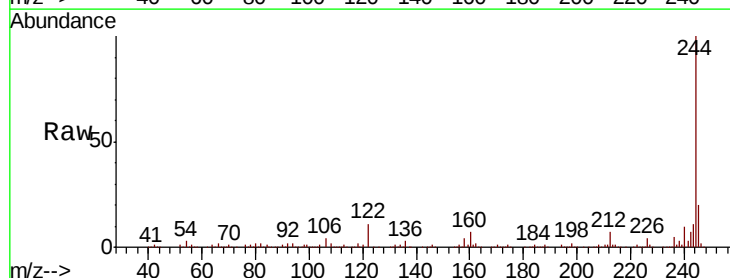
Tgt Ion:244 Resp: 549506

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

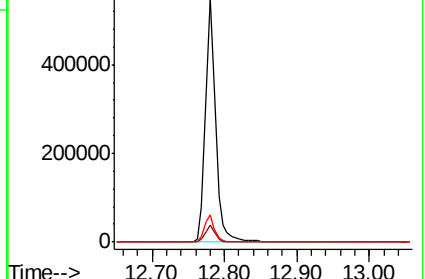
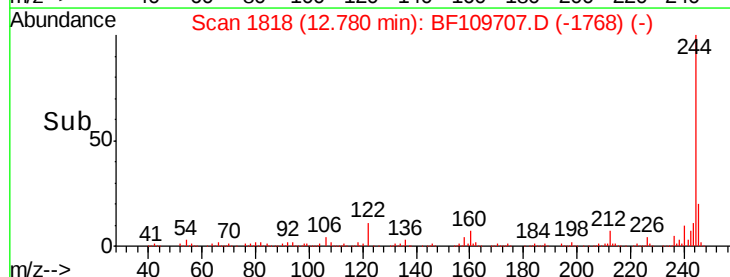
122 11.0 8.7 13.1

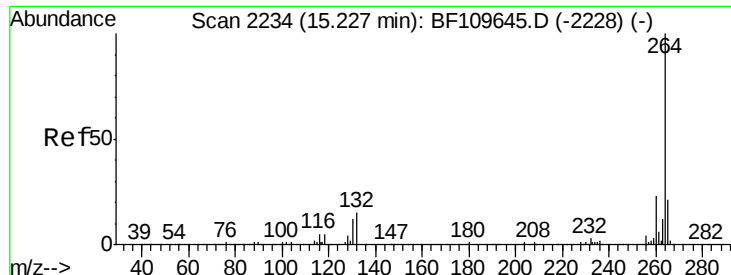


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109707.D
Acq: 9 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :
POND-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.9	16.7	25.1

