

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109768.D
 Acq On : 11 Oct 2018 3:54
 Operator : JU/SJ
 Sample : J5326-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Quant Time: Oct 11 05:51:37 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

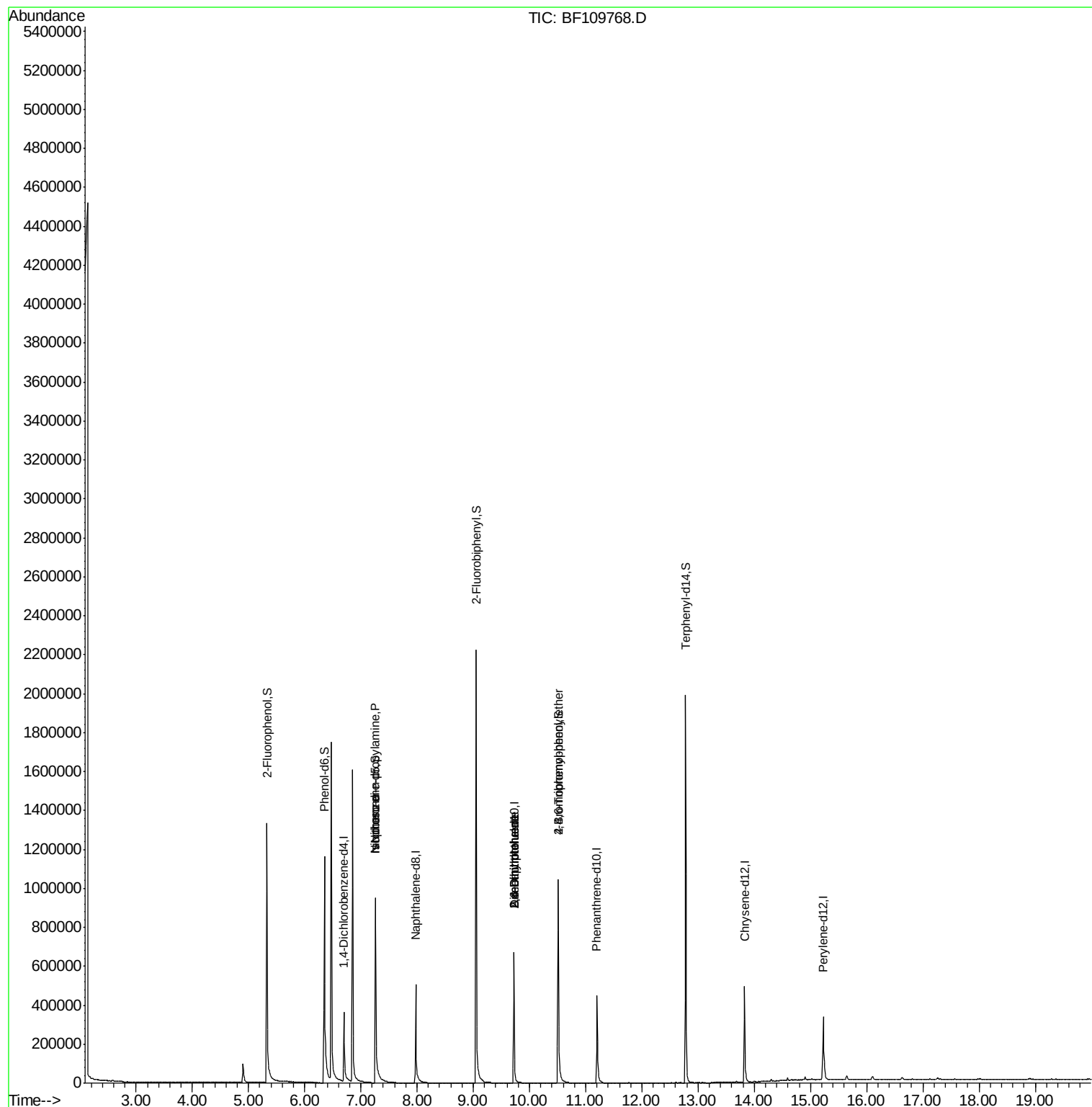
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79226	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	315529	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	144796	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	252997	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210855	20.00	ng	0.00
86) Perylene-d12	15.23	264	191764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	479263	107.38	ng	0.00
7) Phenol-d6	6.35	99	595626	99.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	478071	83.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	168247	106.64	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	868454	82.60	ng	0.00
78) Terphenyl-d14	12.78	244	722060	66.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	61751	14.768	ng	# 78
25) Isophorone	7.26	82	486898	51.225	ng	# 67
49) Dimethylphthalate	9.72	163	35673	3.359	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	18355	7.974	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	18356	6.390	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	9898	3.405	ng	# 1

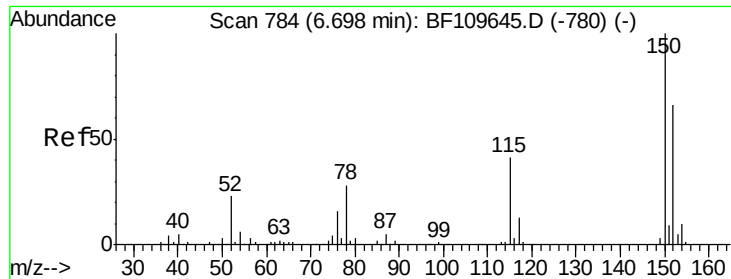
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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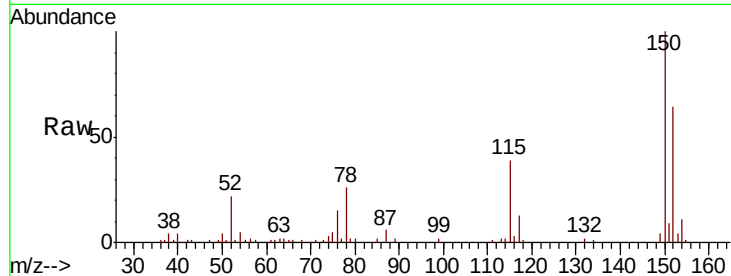




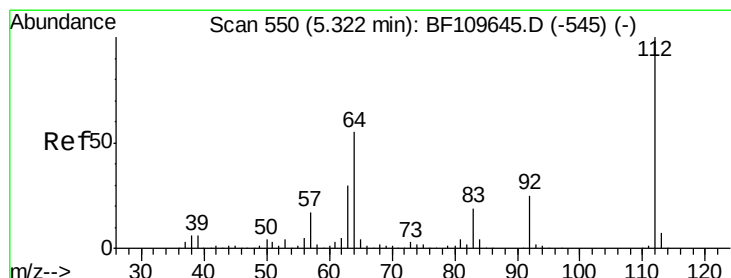
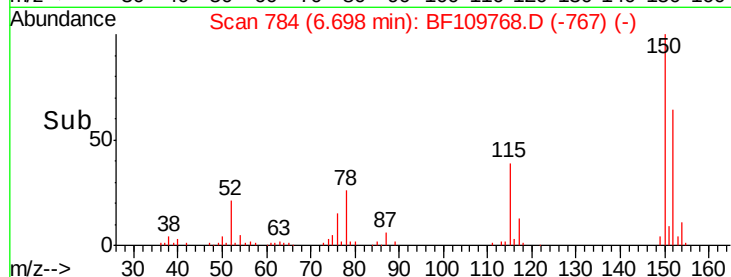
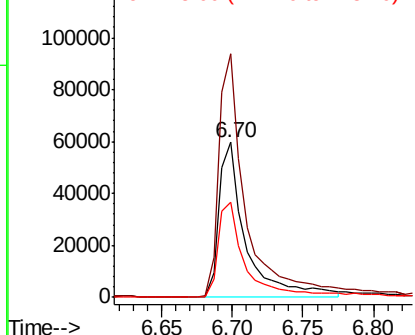
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:152 Resp: 79226
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 61.3 49.1 73.7

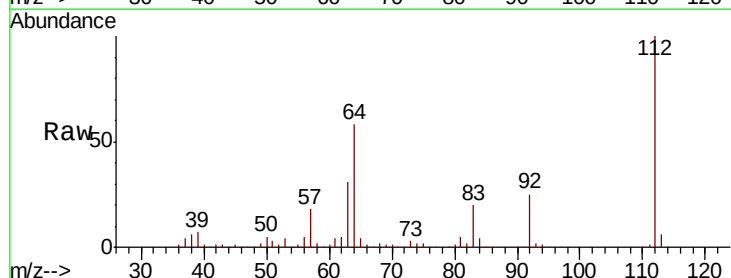


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

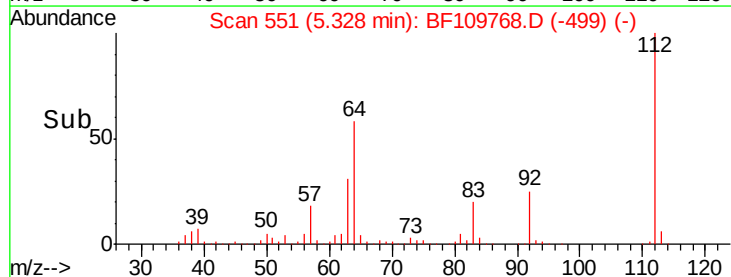
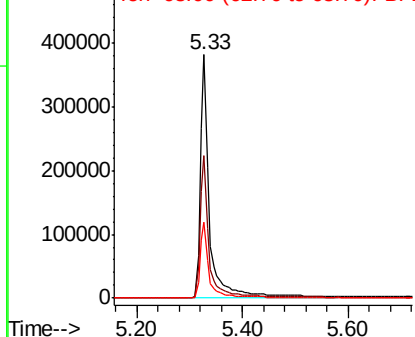


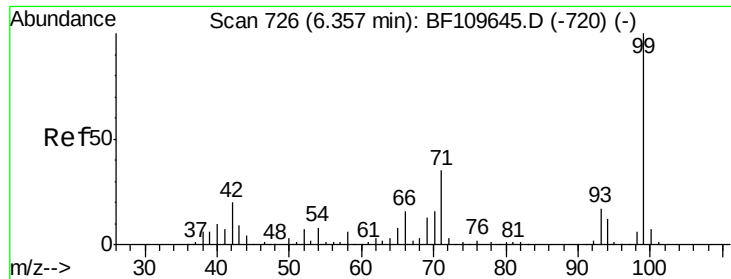
#5
 2-Fluorophenol
 Concen: 107.377 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Tgt Ion:112 Resp: 479263
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 31.4 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: 99.895 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

Instrument :

BNA_F

ClientSampled :

FL-PIT-2

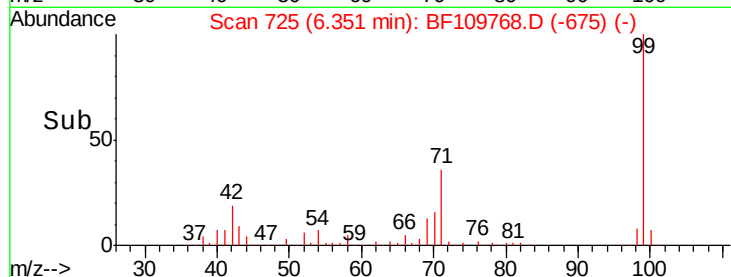
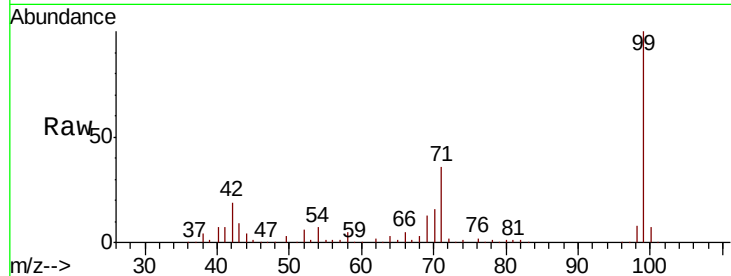
Tgt Ion: 99 Resp: 595626

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

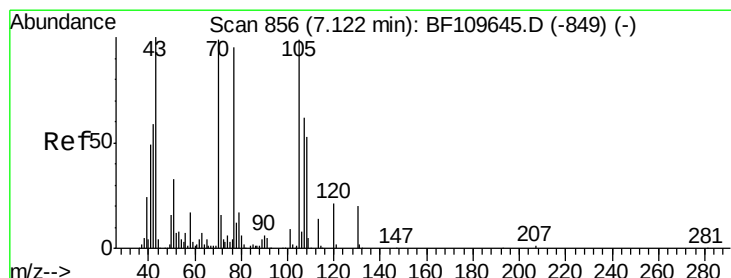
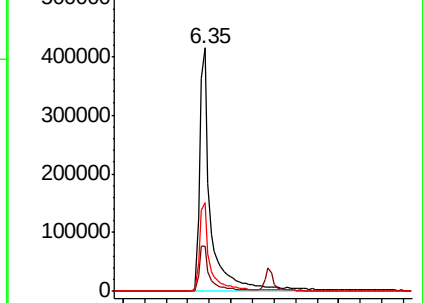
71 36.3 28.0 42.0



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: 14.768 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

Tgt Ion: 70 Resp: 61751

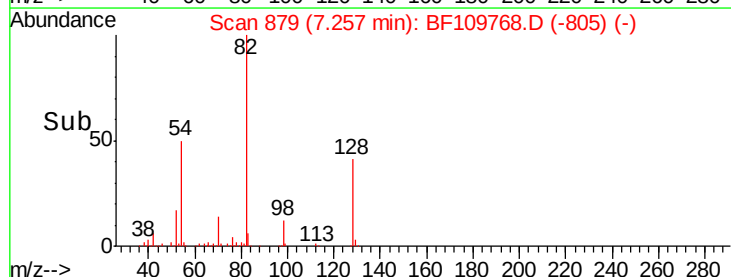
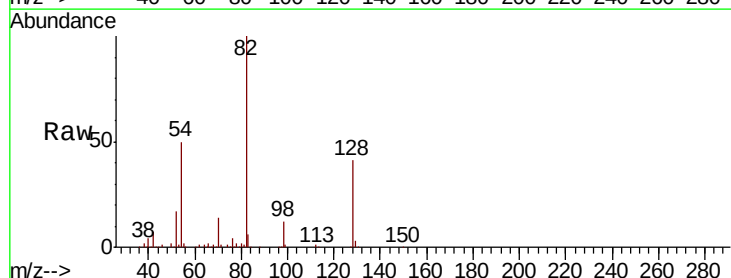
Ion Ratio Lower Upper

70 100

42 47.6 47.4 71.2

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#

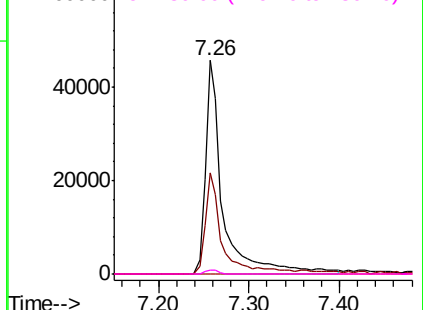


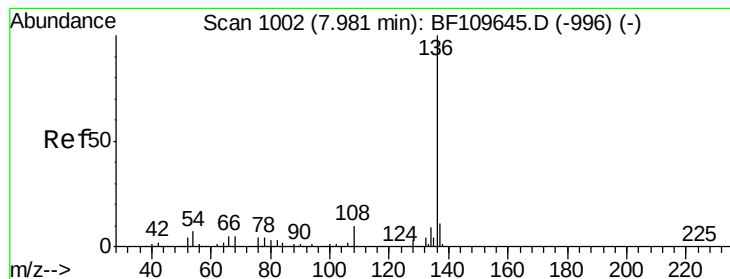
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109768.D

Acq: 11 Oct 2018 3:54

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

Tgt Ion: 136 Resp: 315529

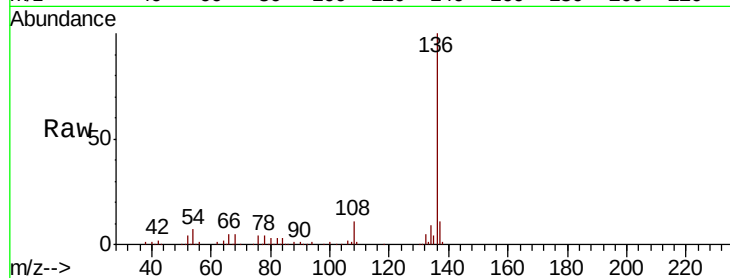
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.5 5.4 8.2

68 4.8 4.2 6.2

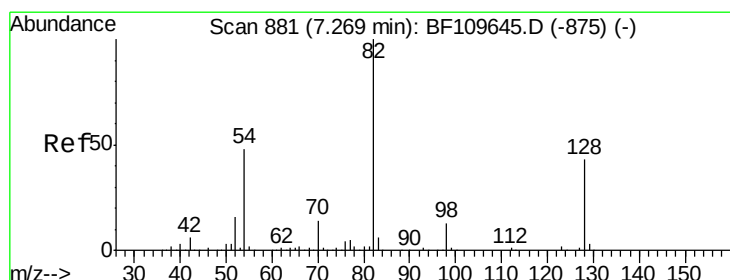
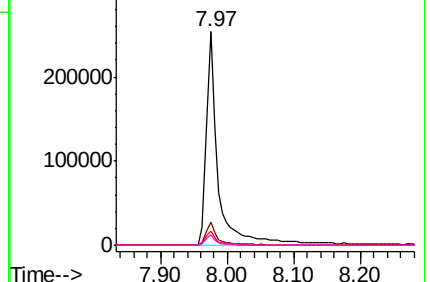
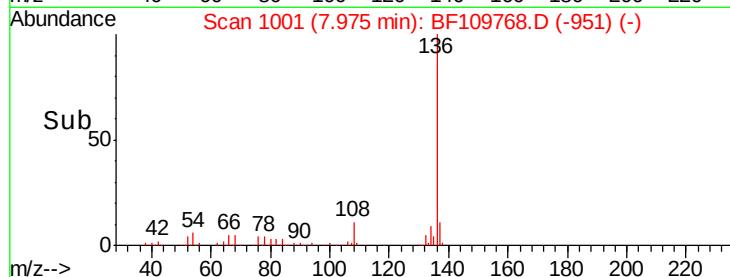


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.520 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

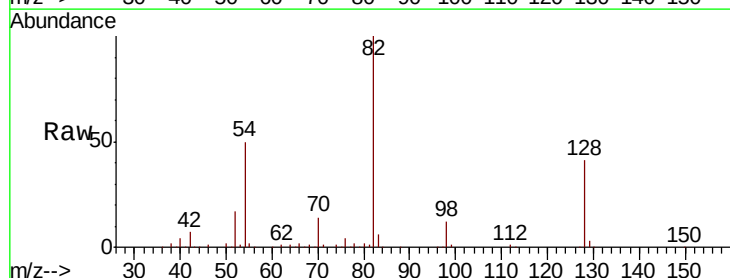
Tgt Ion: 82 Resp: 478071

Ion Ratio Lower Upper

82 100

128 41.2 34.2 51.2

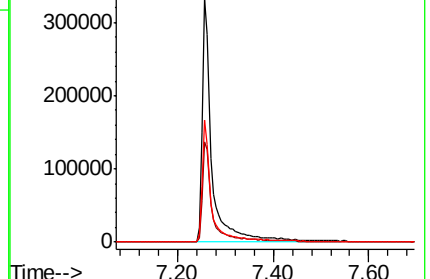
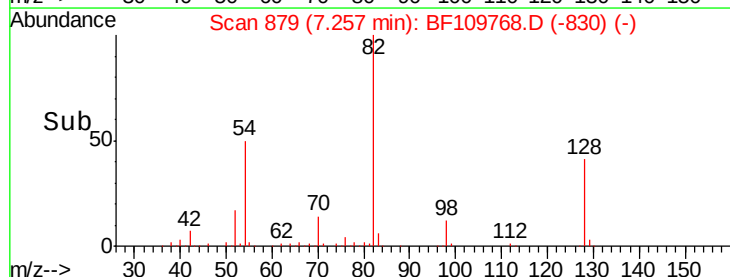
54 50.3 38.6 58.0

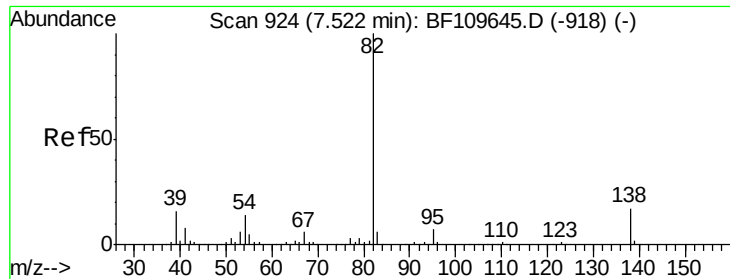


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.225 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

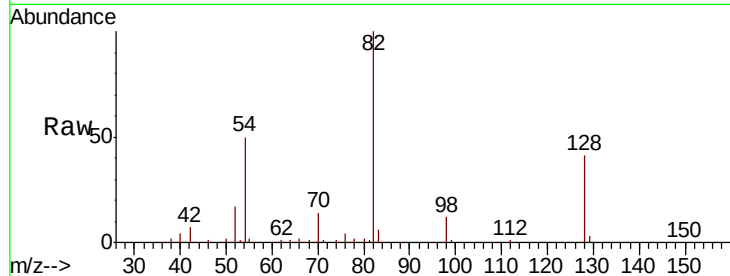
Tgt Ion: 82 Resp: 486898

Ion Ratio Lower Upper

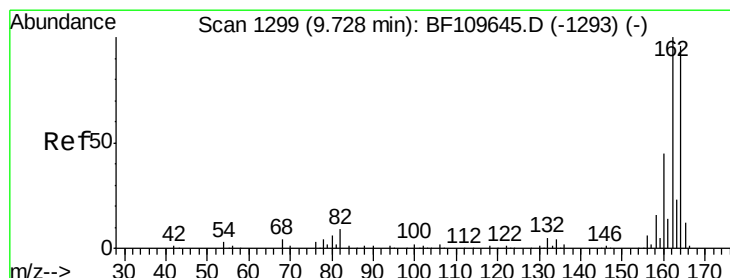
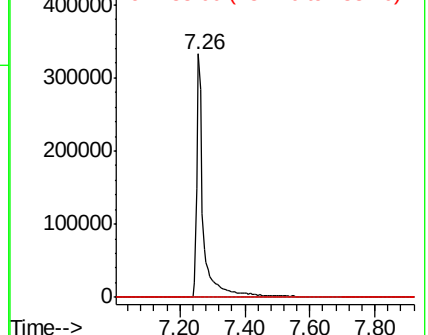
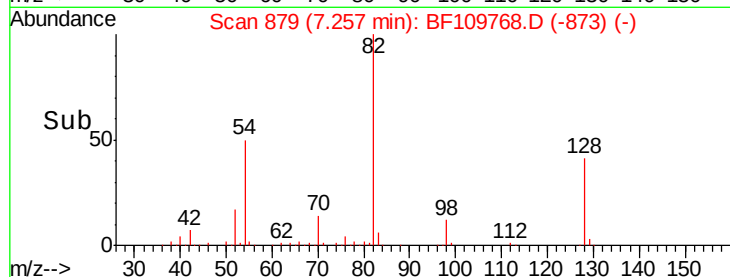
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

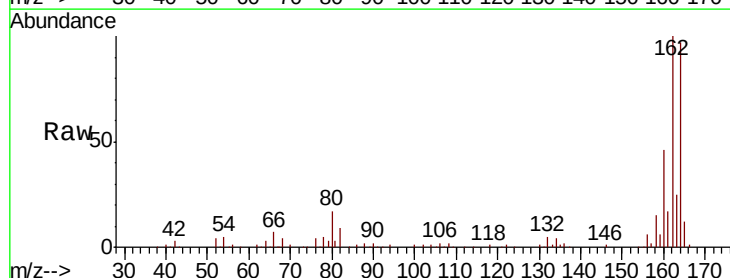
Tgt Ion: 164 Resp: 144796

Ion Ratio Lower Upper

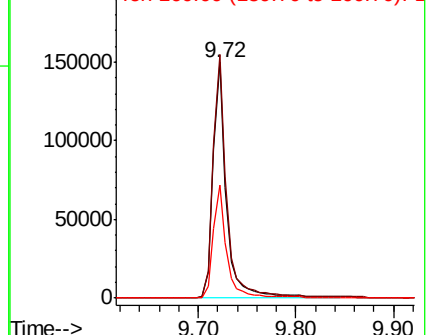
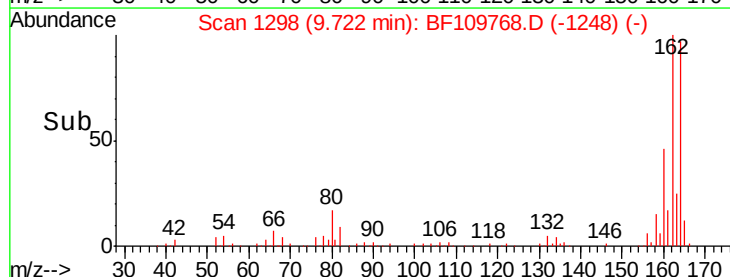
164 100

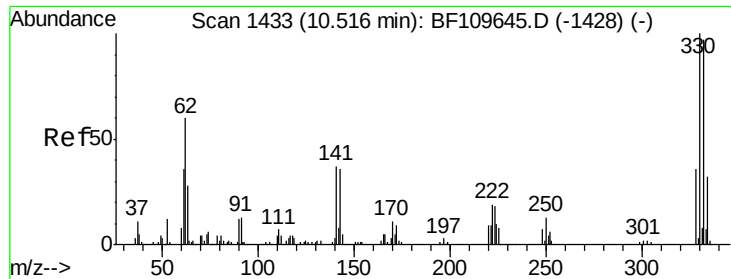
162 103.3 83.0 124.6

160 47.9 37.0 55.6



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

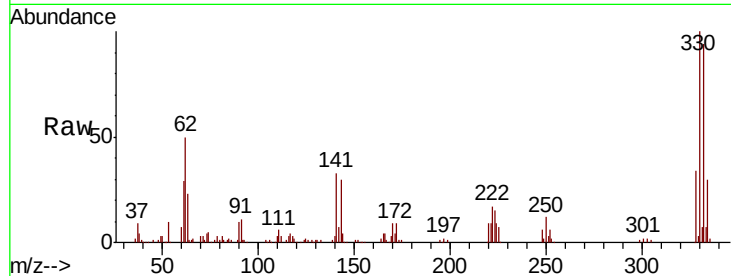




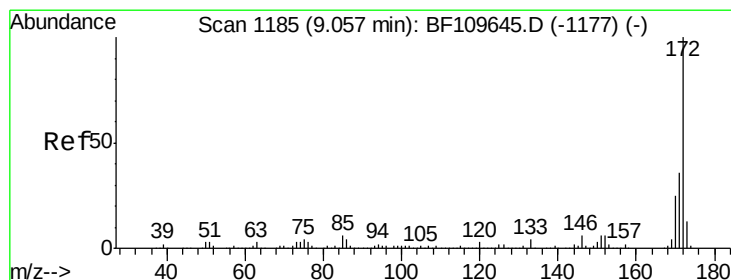
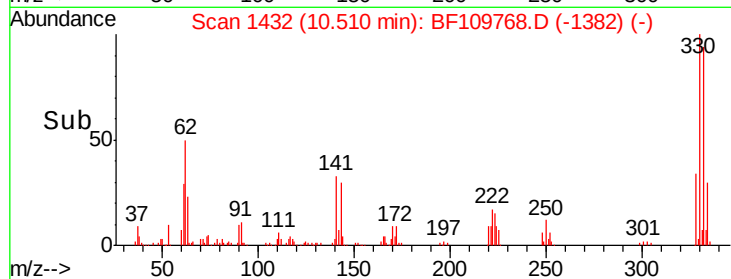
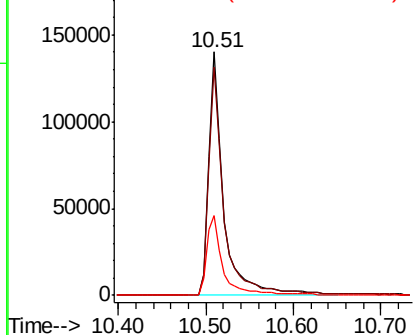
#41
 2,4,6-Tribromophenol
 Concen: 106.640 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:330 Resp: 168247
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 35.9 27.0 40.4

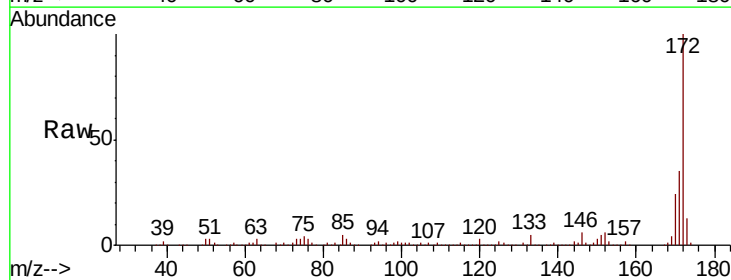


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

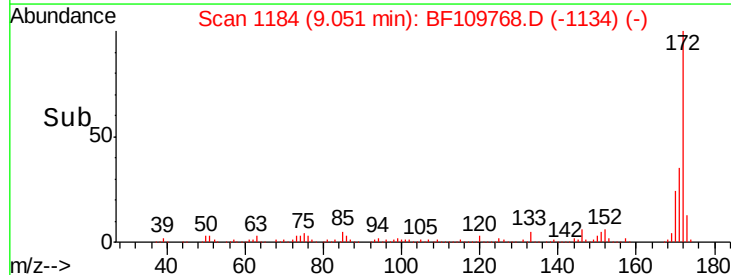
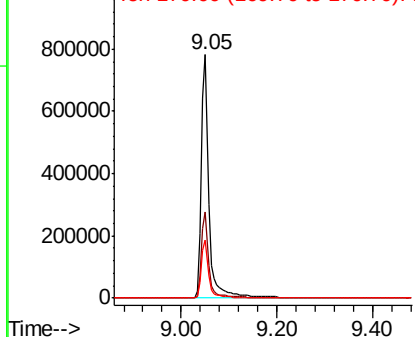


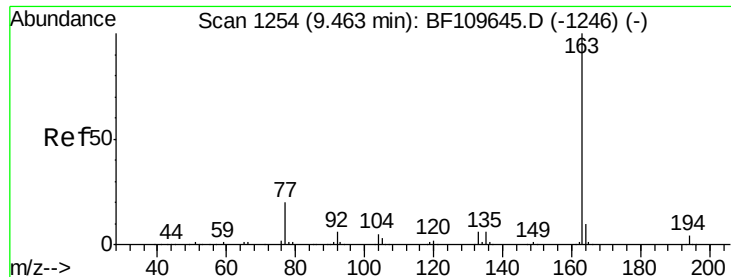
#44
 2-Fluorobiphenyl
 Concen: 82.605 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Tgt Ion:172 Resp: 868454
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 3.359 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

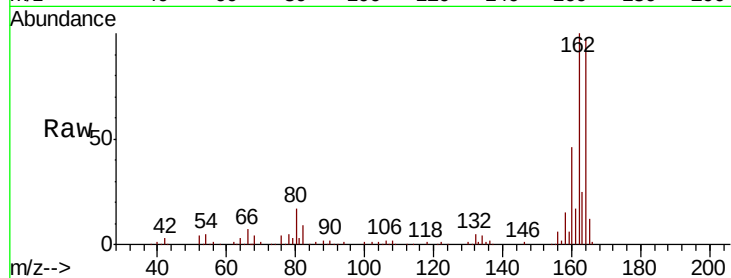
Tgt Ion:163 Resp: 35673

Ion Ratio Lower Upper

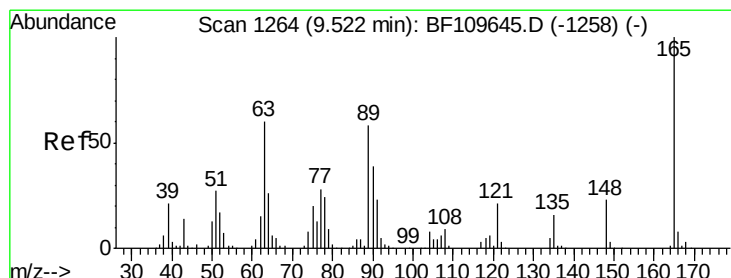
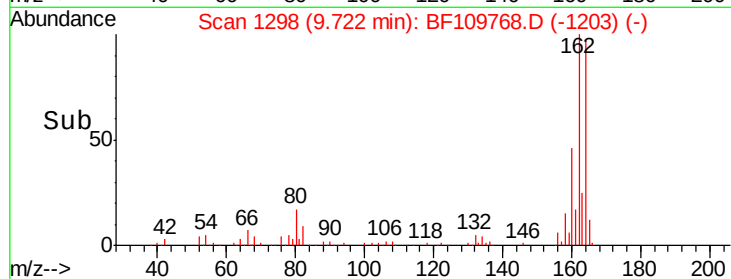
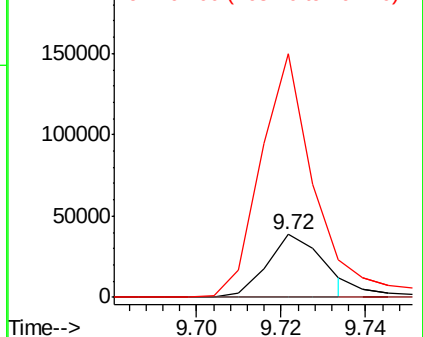
163 100

194 0.0 3.2 4.8#

164 387.1 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



#50

2,6-Dinitrotoluene

Concen: 7.974 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

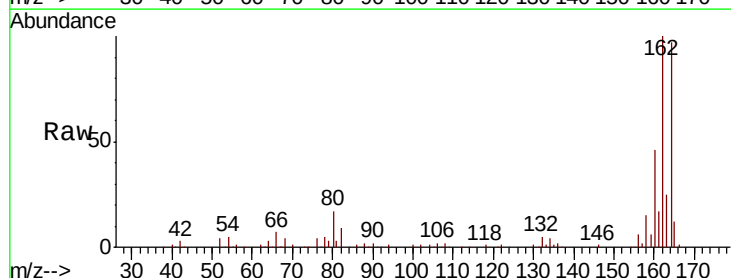
Tgt Ion:165 Resp: 18355

Ion Ratio Lower Upper

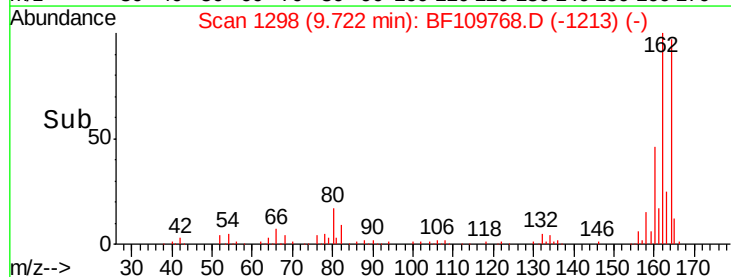
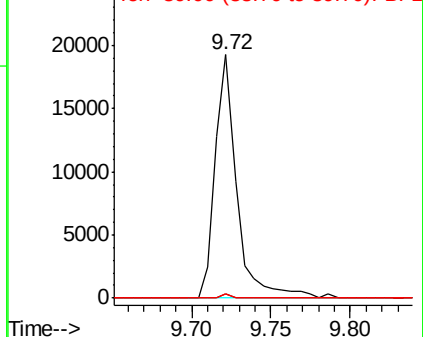
165 100

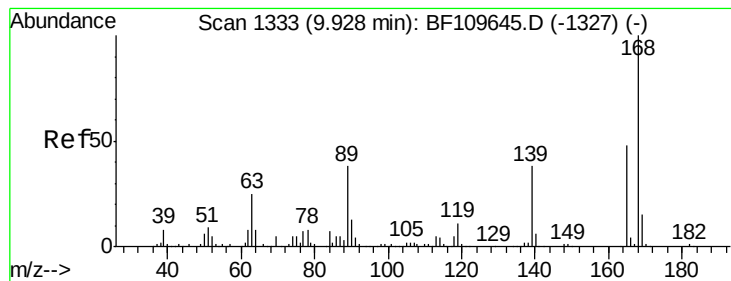
63 1.7 48.9 73.3#

89 1.9 46.6 69.8#



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





#56

2,4-Dinitrotoluene

Concen: 6.390 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

Tgt Ion:165 Resp: 18356

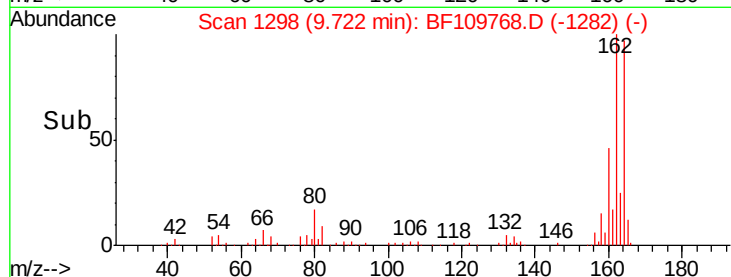
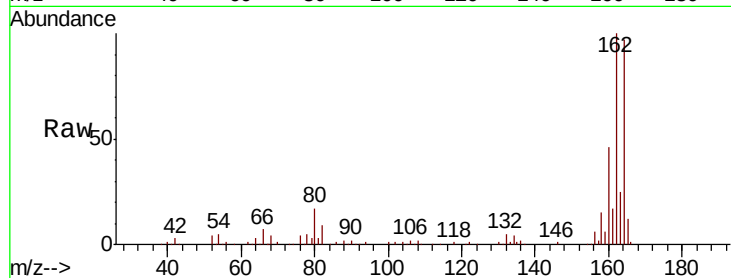
Ion Ratio Lower Upper

165 100

63 1.7 44.8 67.2#

89 1.9 62.2 93.4#

182 0.0 2.1 3.1#

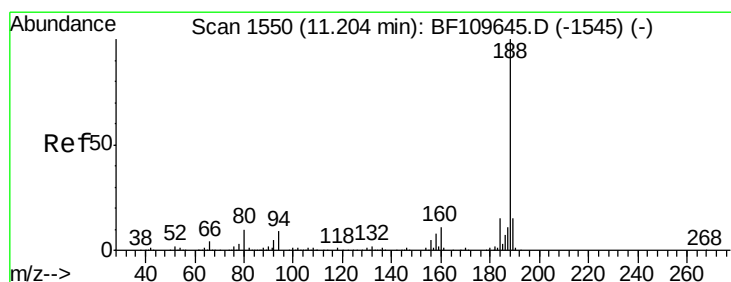
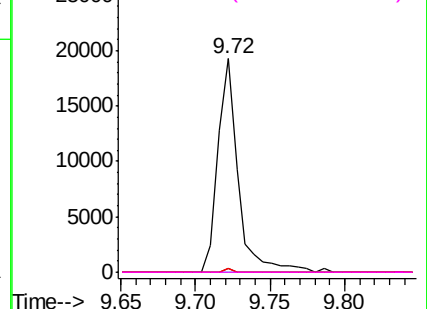


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1549

Delta R.T. -0.01 min

Lab File: BF109768.D

Acq: 11 Oct 2018 3:54

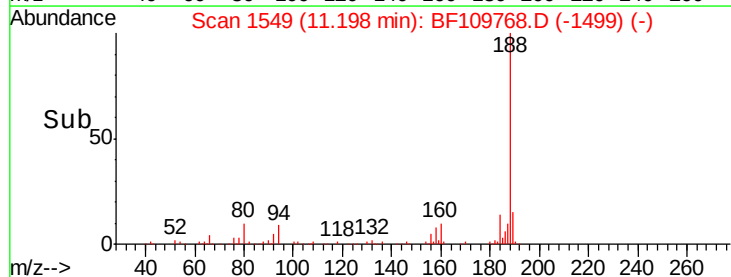
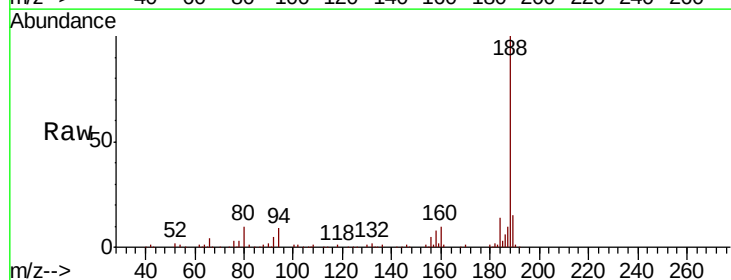
Tgt Ion:188 Resp: 252997

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

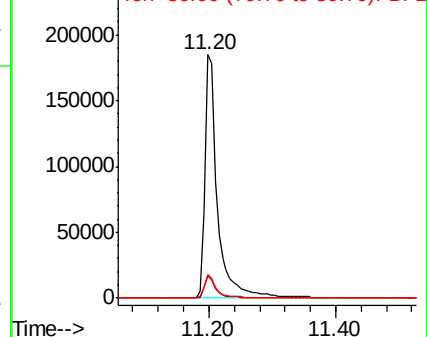
80 9.7 7.9 11.9

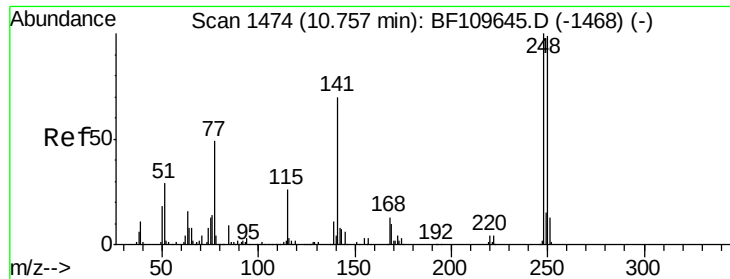


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

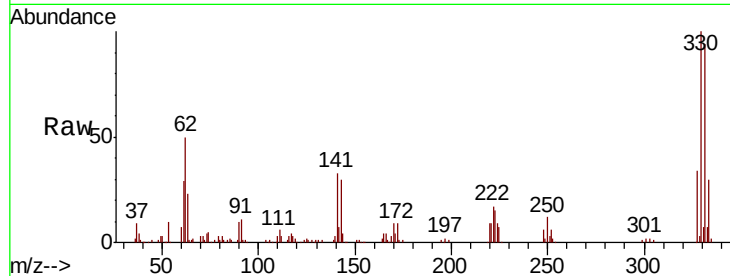




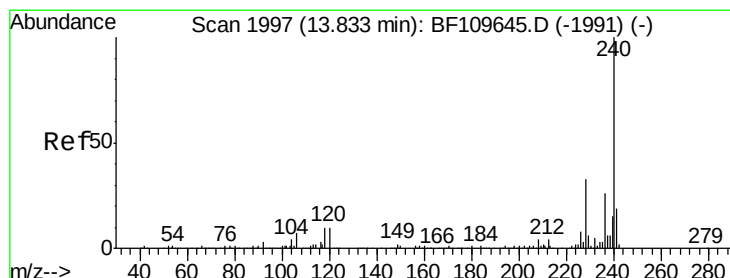
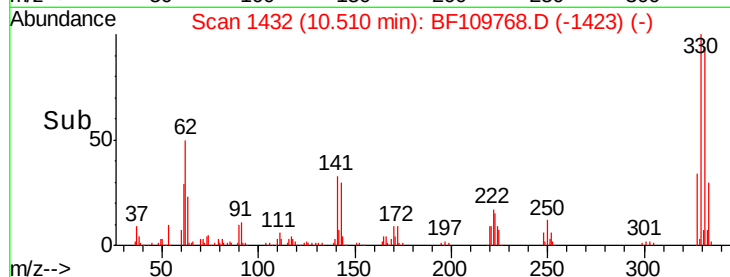
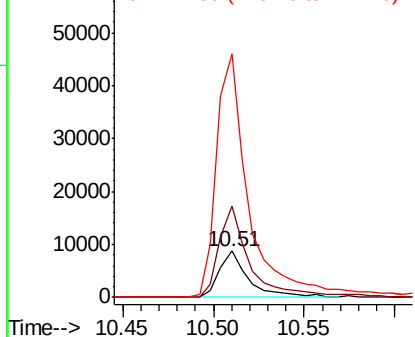
#66
 4-Bromophenyl-phenylether
 Concen: 3.405 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:248 Resp: 9898
 Ion Ratio Lower Upper
 248 100
 250 197.6 79.4 119.2#
 141 524.9 55.9 83.9#

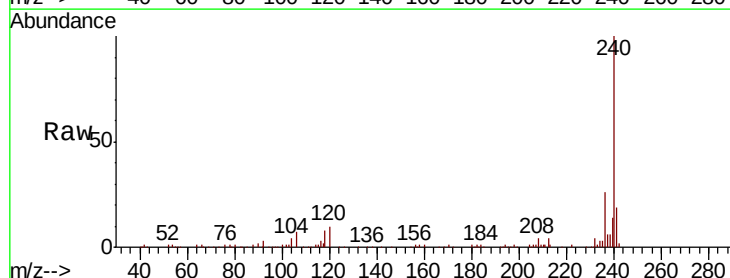


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

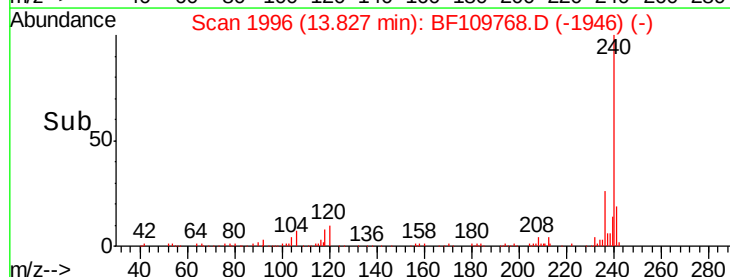
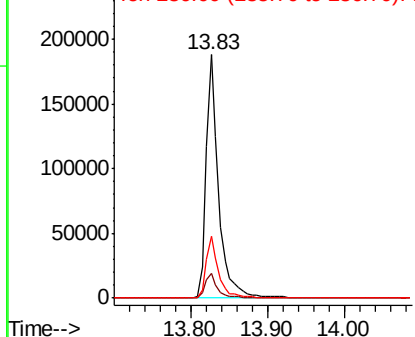


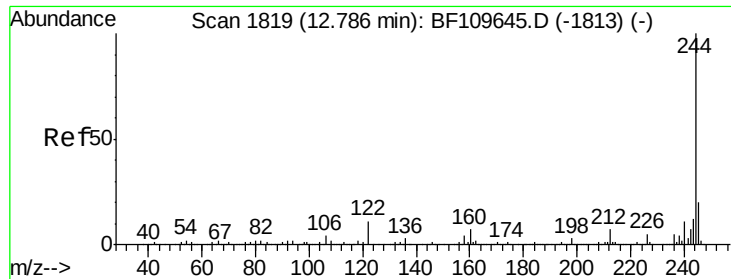
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Tgt Ion:240 Resp: 210855
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 25.5 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

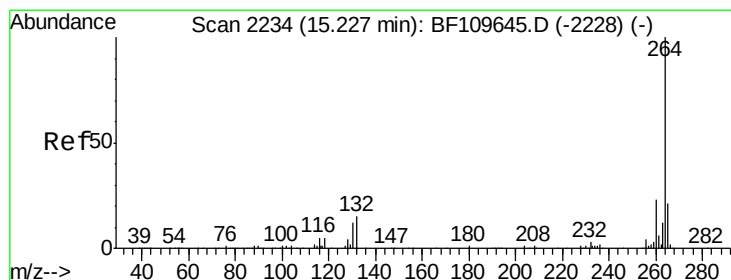
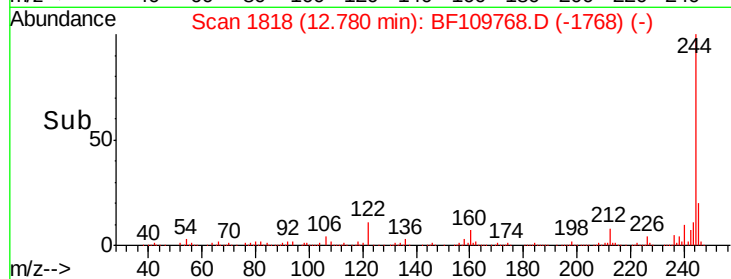
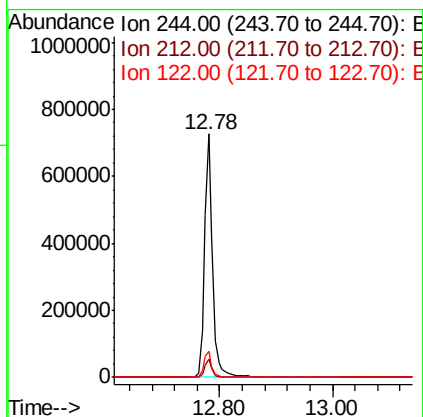
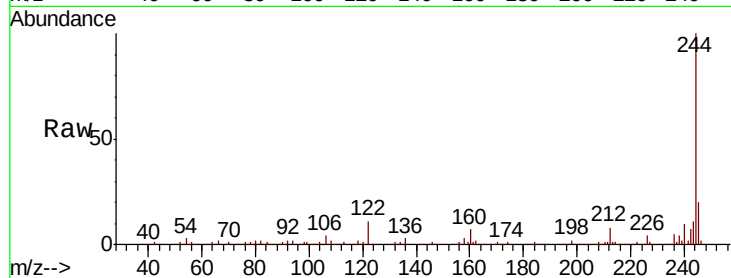




#78
 Terphenyl-d14
 Concen: 66.292 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tgt Ion:244 Resp: 722060
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.9 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109768.D
 Acq: 11 Oct 2018 3:54

Tgt Ion:264 Resp: 191764
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.8 16.7 25.1

