

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109769.D
 Acq On : 11 Oct 2018 4:22
 Operator : JU/SJ
 Sample : J5326-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Quant Time: Oct 11 07:23:52 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	99511	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	394781	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	177396	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	299363	20.00	ng	0.00
75) Chrysene-d12	13.83	240	259102	20.00	ng	0.00
86) Perylene-d12	15.23	264	238361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	550060	98.12	ng	0.00
7) Phenol-d6	6.35	99	680574	90.87	ng	0.00
23) Nitrobenzene-d5	7.26	82	564923	78.88	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	193940	100.34	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1012859	78.64	ng	0.00
78) Terphenyl-d14	12.78	244	803280	60.02	ng	0.00

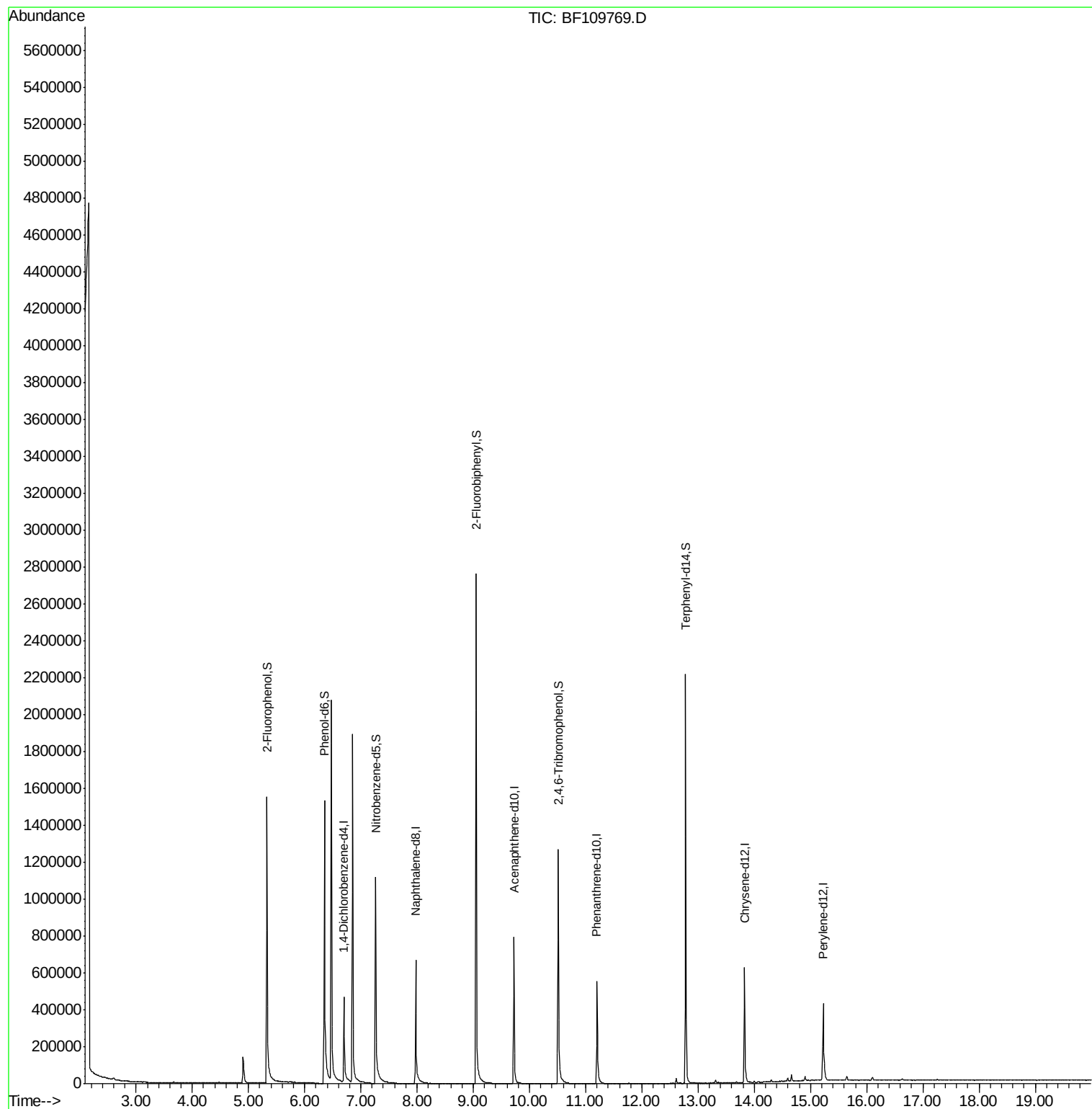
Target Compounds Qvalue

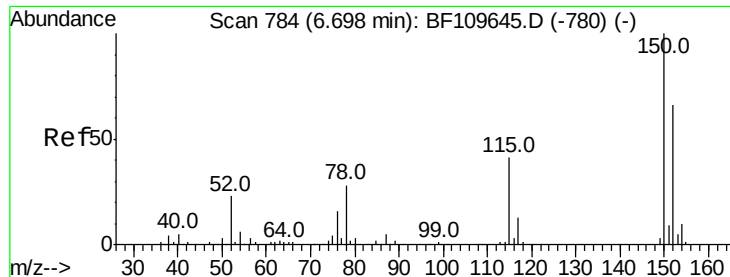
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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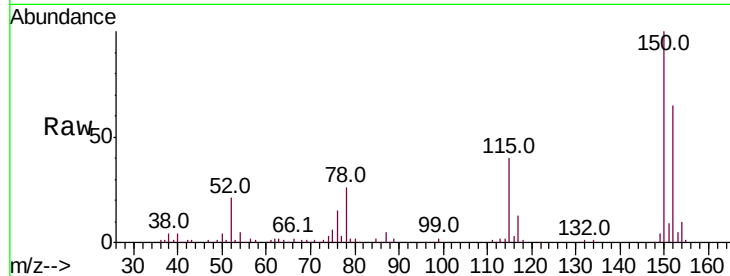


#1

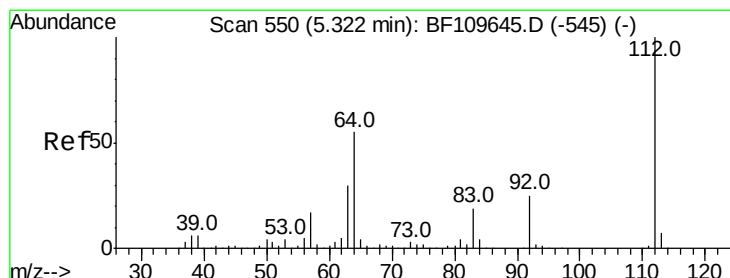
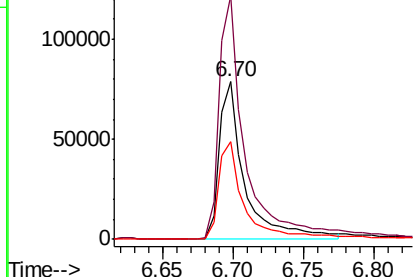
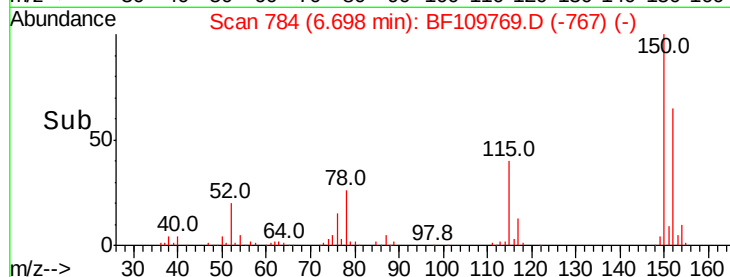
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-3

Tot Ion:152 Resp: 99511
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.7 184.1
 115 61.8 49.1 73.7



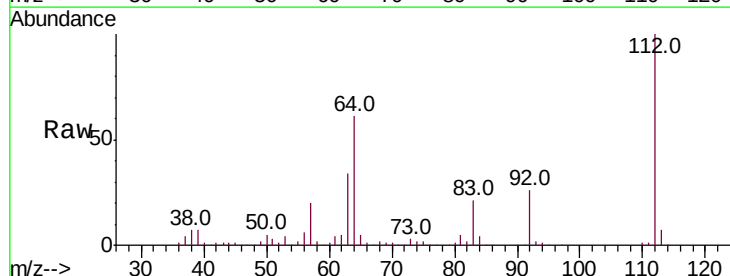
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



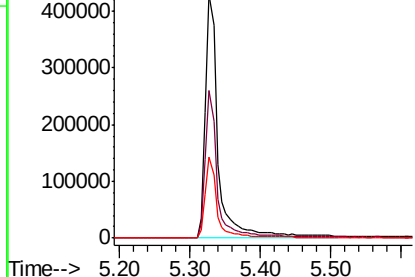
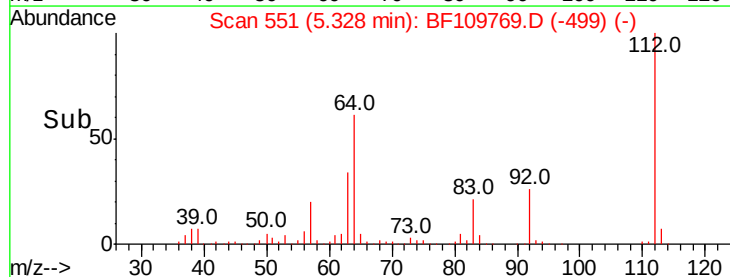
#5

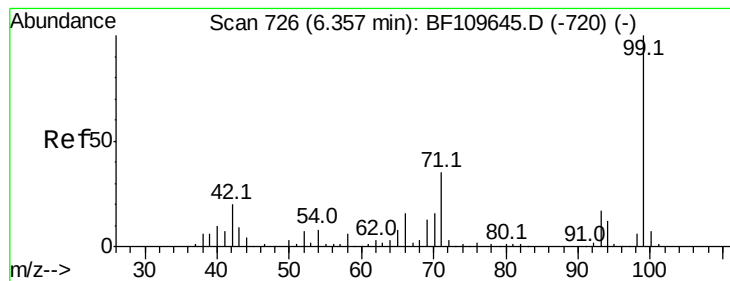
2-Fluorophenol
 Concen: 98.117 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Tgt Ion:112 Resp: 550060
 Ion Ratio Lower Upper
 112 100
 64 60.7 44.1 66.1
 63 33.5 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: 90.874 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Instrument :

BNA_F

ClientSampleId :

FL-PIT-3

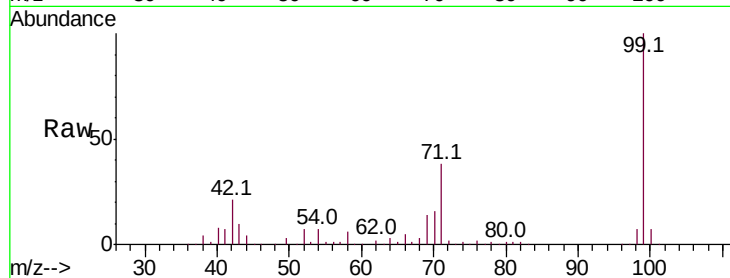
Tot Ion: 99 Resp: 680574

Ion Ratio Lower Upper

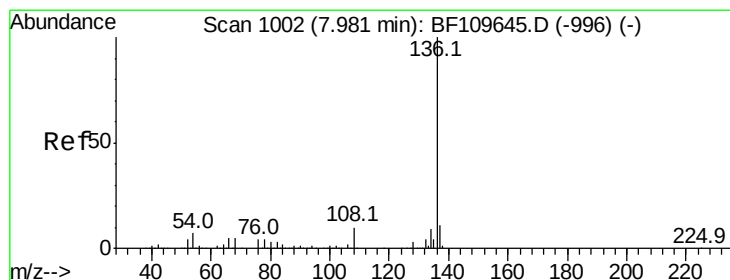
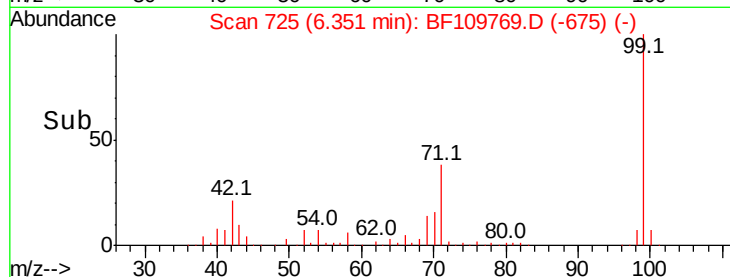
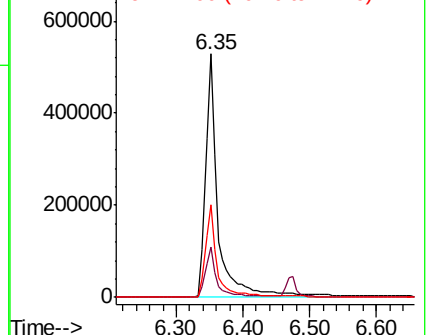
99 100

42 20.9 15.8 23.6

71 38.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Tgt Ion: 136 Resp: 394781

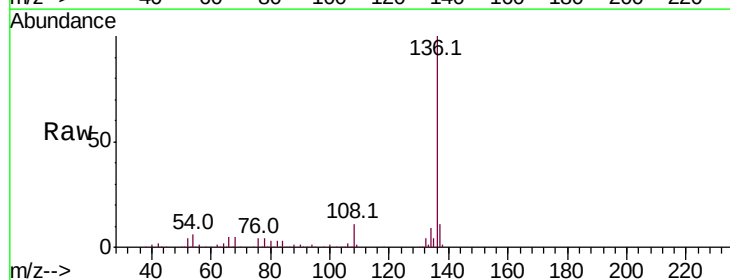
Ion Ratio Lower Upper

136 100

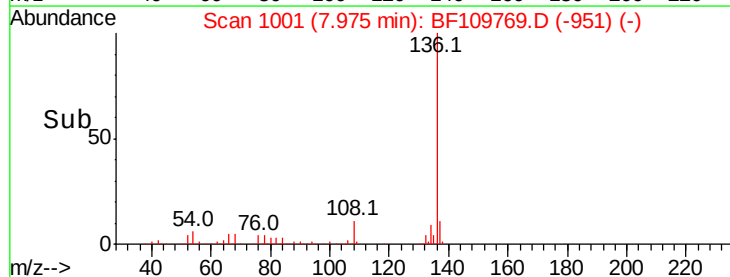
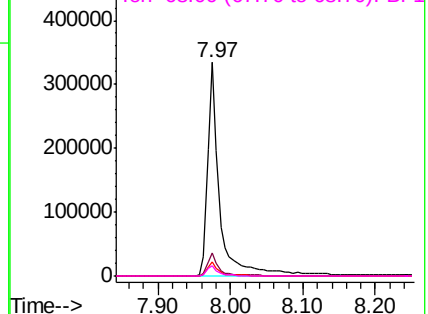
137 10.8 8.8 13.2

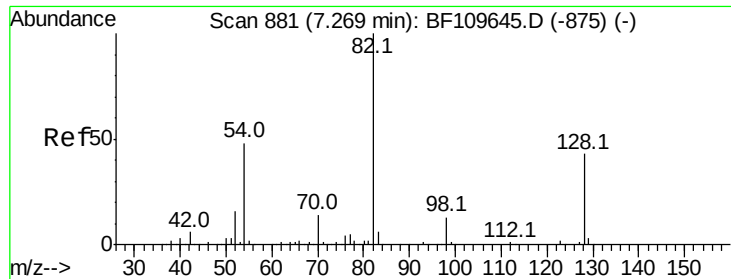
54 6.4 5.4 8.2

68 5.0 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

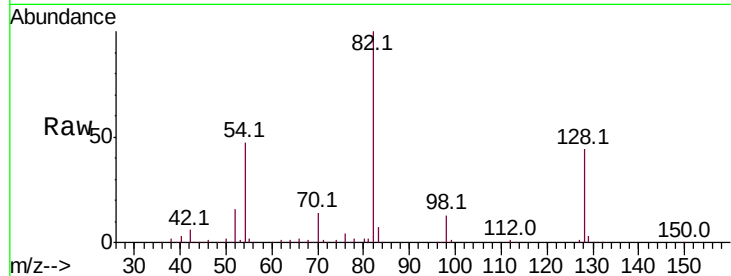




#23
 Nitrobenzene-d5
 Concen: 78.880 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-3

Tot Ion	82	Resp	564923
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.2	51.2
54	47.4	38.6	58.0

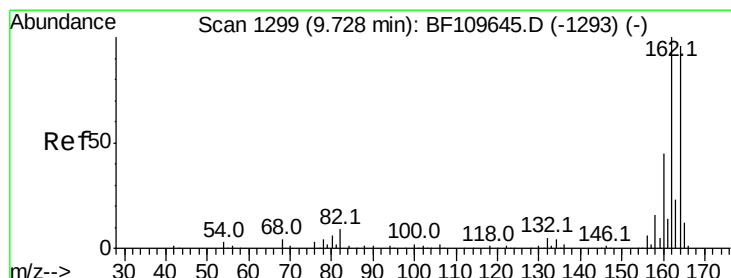
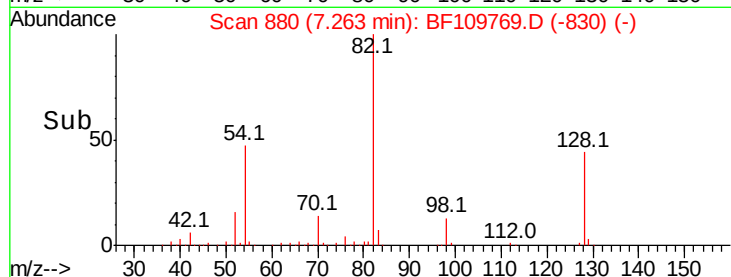
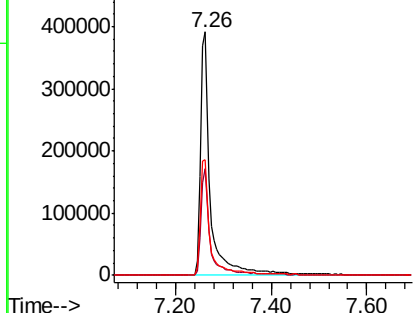


Abundance

Ion 82.00 (81.70 to 82.70): BF1

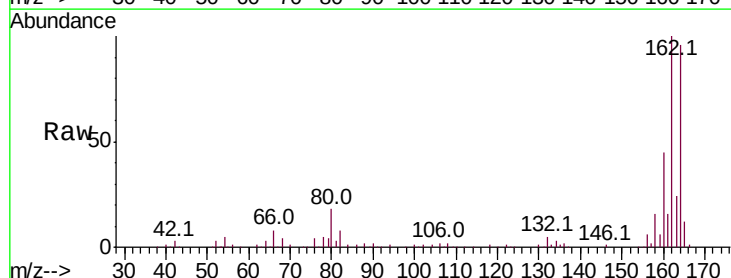
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Tgt Ion	164	Resp	177396
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.6
160	46.7	37.0	55.6

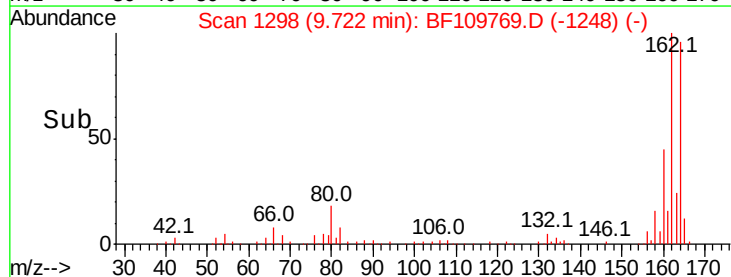
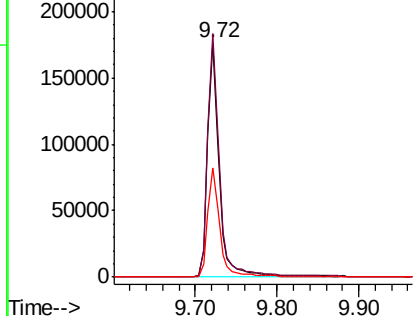


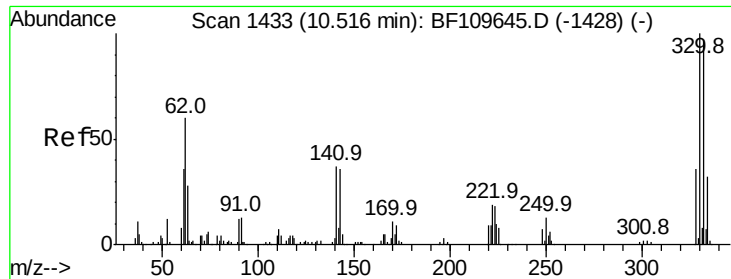
Abundance

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

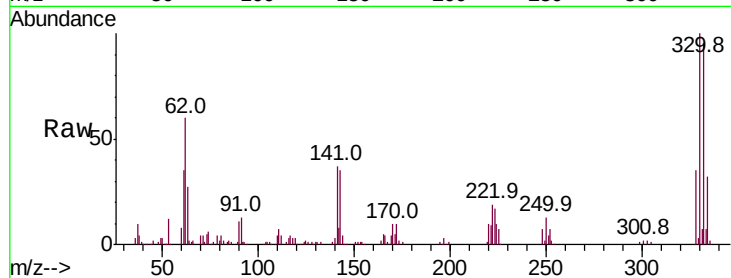




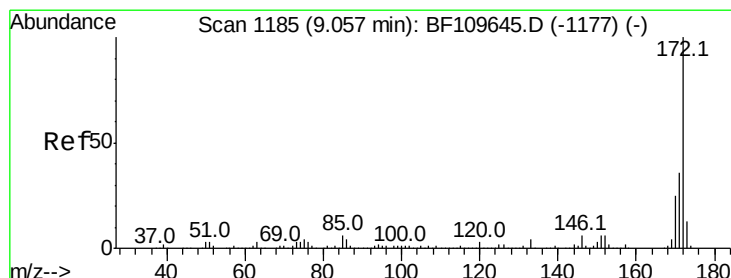
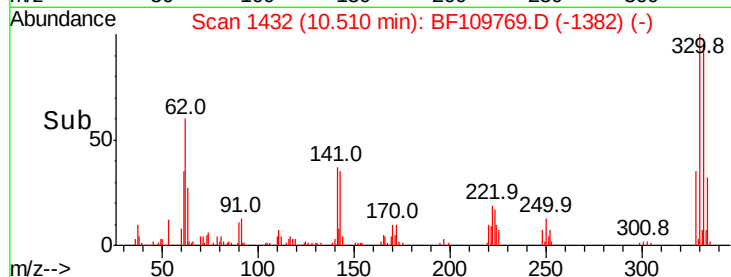
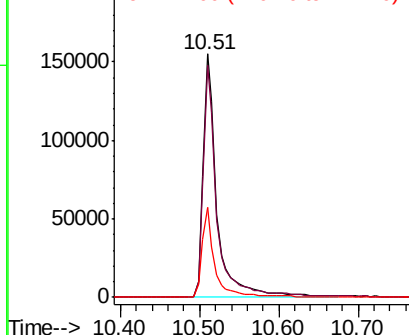
#41
 2,4,6-Tribromophenol
 Concen: 100.335 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Instrument :
 BNA_F
 ClientSampled :
 FL-PIT-3

Tot Ion:330 Resp: 193940
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 34.6 27.0 40.4

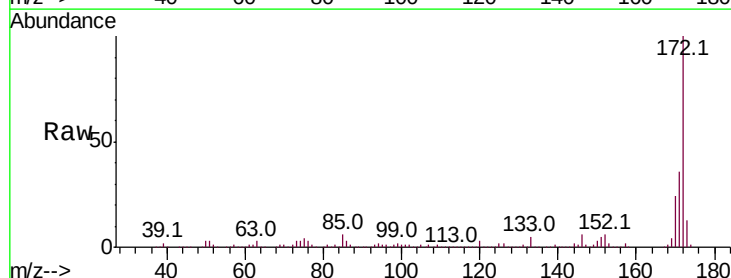


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

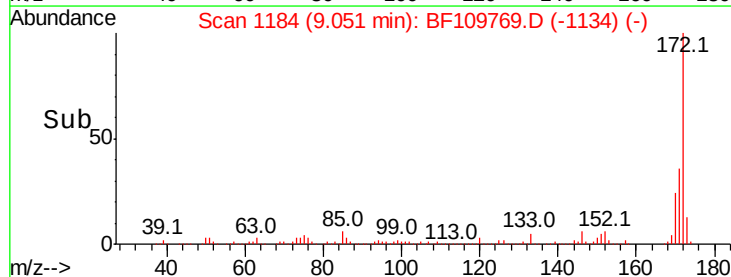
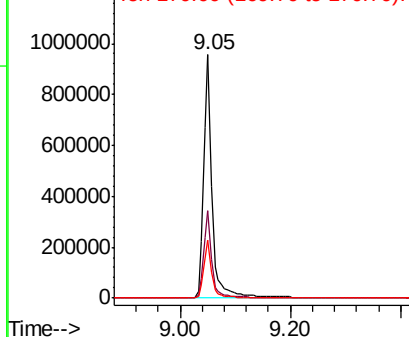


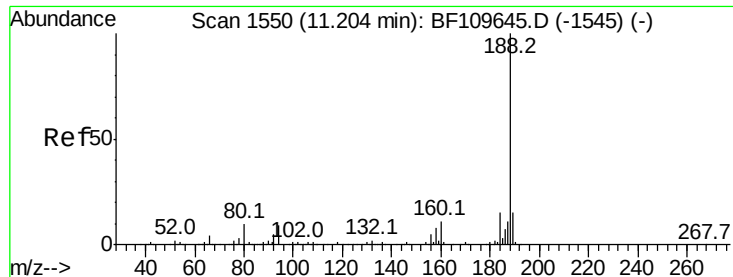
#44
 2-Fluorobiphenyl
 Concen: 78.636 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109769.D
 Acq: 11 Oct 2018 4:22

Tgt Ion:172 Resp: 1012859
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

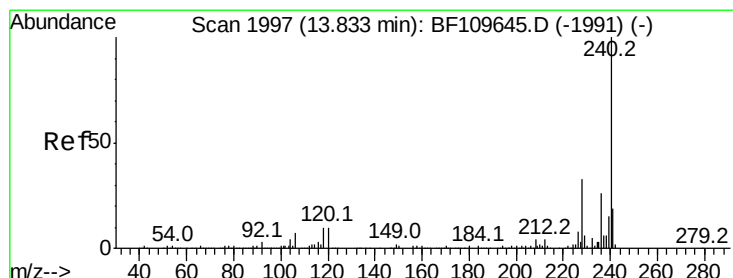
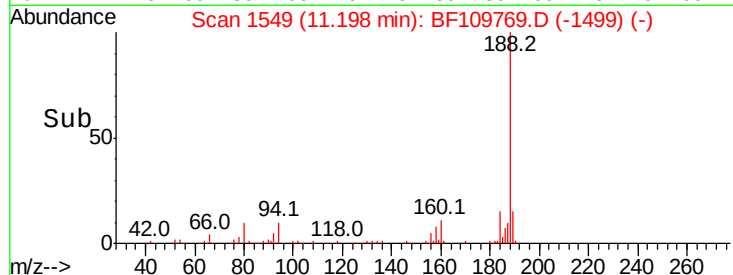
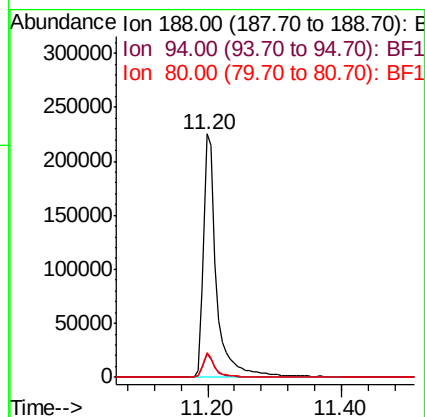
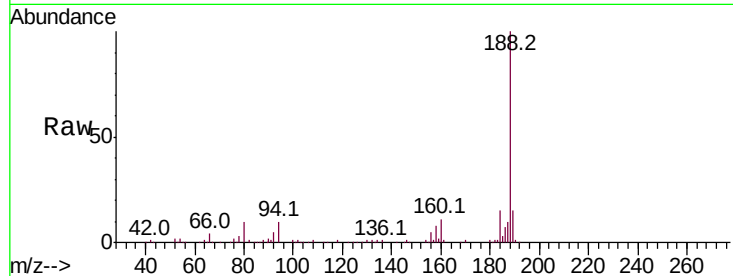




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

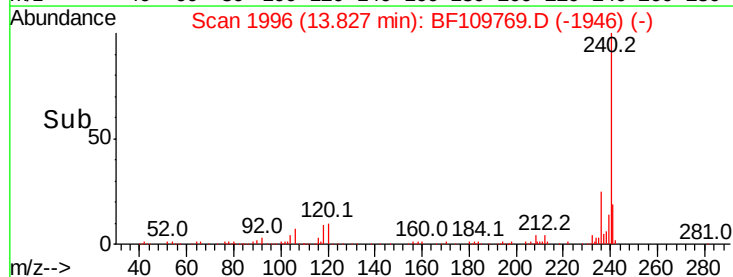
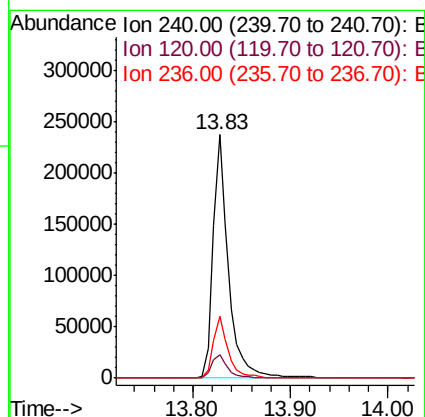
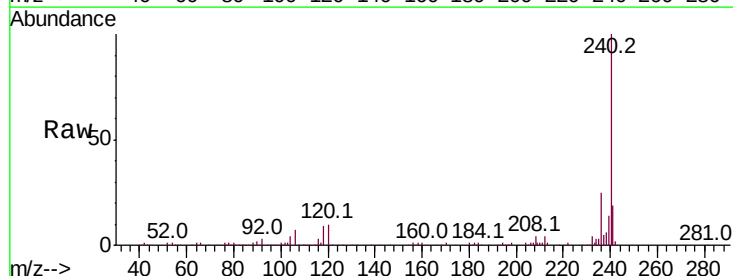
Instrument :
BNA_F
ClientSampleId :
FL-PIT-3

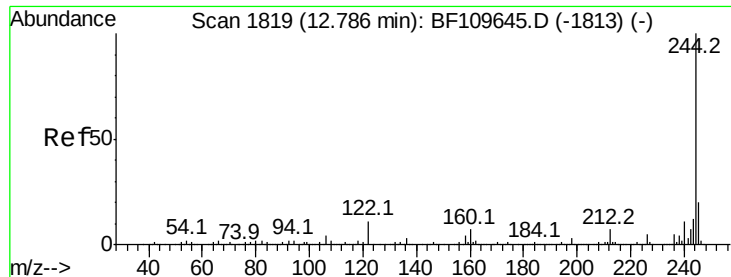
Tot Ion:188 Resp: 299363
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.0 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109769.D
Acq: 11 Oct 2018 4:22

Tgt Ion:240 Resp: 259102
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 25.3 21.2 31.8





#78

Terphenyl-d14

Concen: 60.016 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109769.D

Acq: 11 Oct 2018 4:22

Instrument :

BNA_F

ClientSampleId :

FL-PIT-3

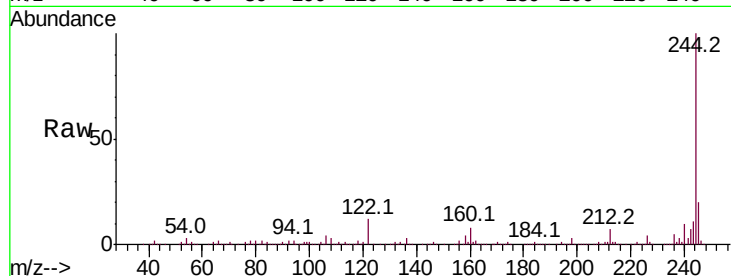
Tot Ion:244 Resp: 803280

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

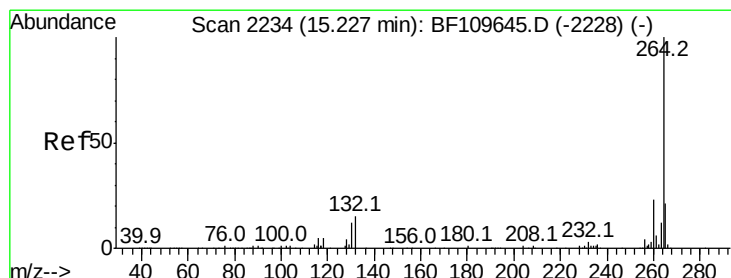
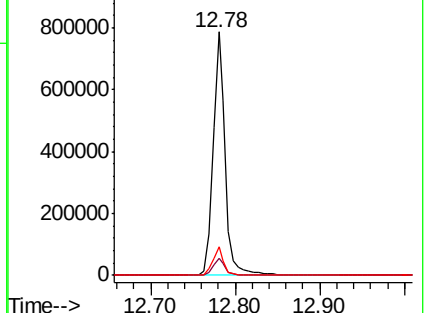
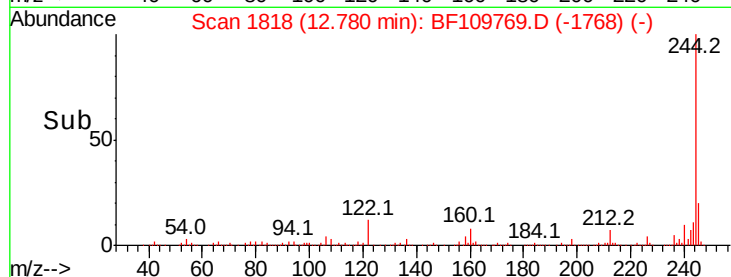
122 11.8 8.7 13.1



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: BF109769.D

Acq: 11 Oct 2018 4:22

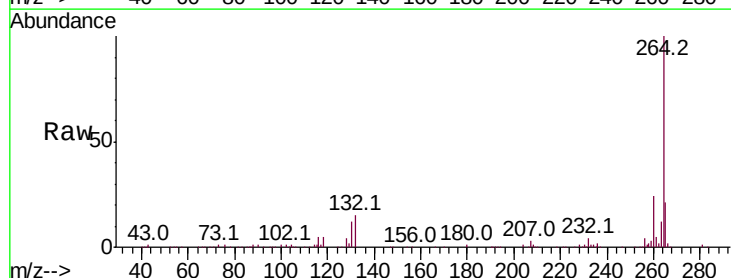
Tgt Ion:264 Resp: 238361

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 16.7 25.1



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

