

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107339.D
 Acq On : 12 Jul 2018 15:23
 Operator : JU/SJ
 Sample : PB110987BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Quant Time: Jul 12 16:40:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	70531	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	273689	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	143527	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	285037	20.00	ng	0.00
75) Chrysene-d12	14.14	240	194698	20.00	ng	0.00
86) Perylene-d12	15.67	264	199312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	460212	110.49	ng	0.01
7) Phenol-d6	6.58	99	570845	109.74	ng	0.00
23) Nitrobenzene-d5	7.50	82	374987	76.14	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	189192	113.73	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	691371	80.81	ng	0.00
78) Terphenyl-d14	13.06	244	736941	91.69	ng	0.00

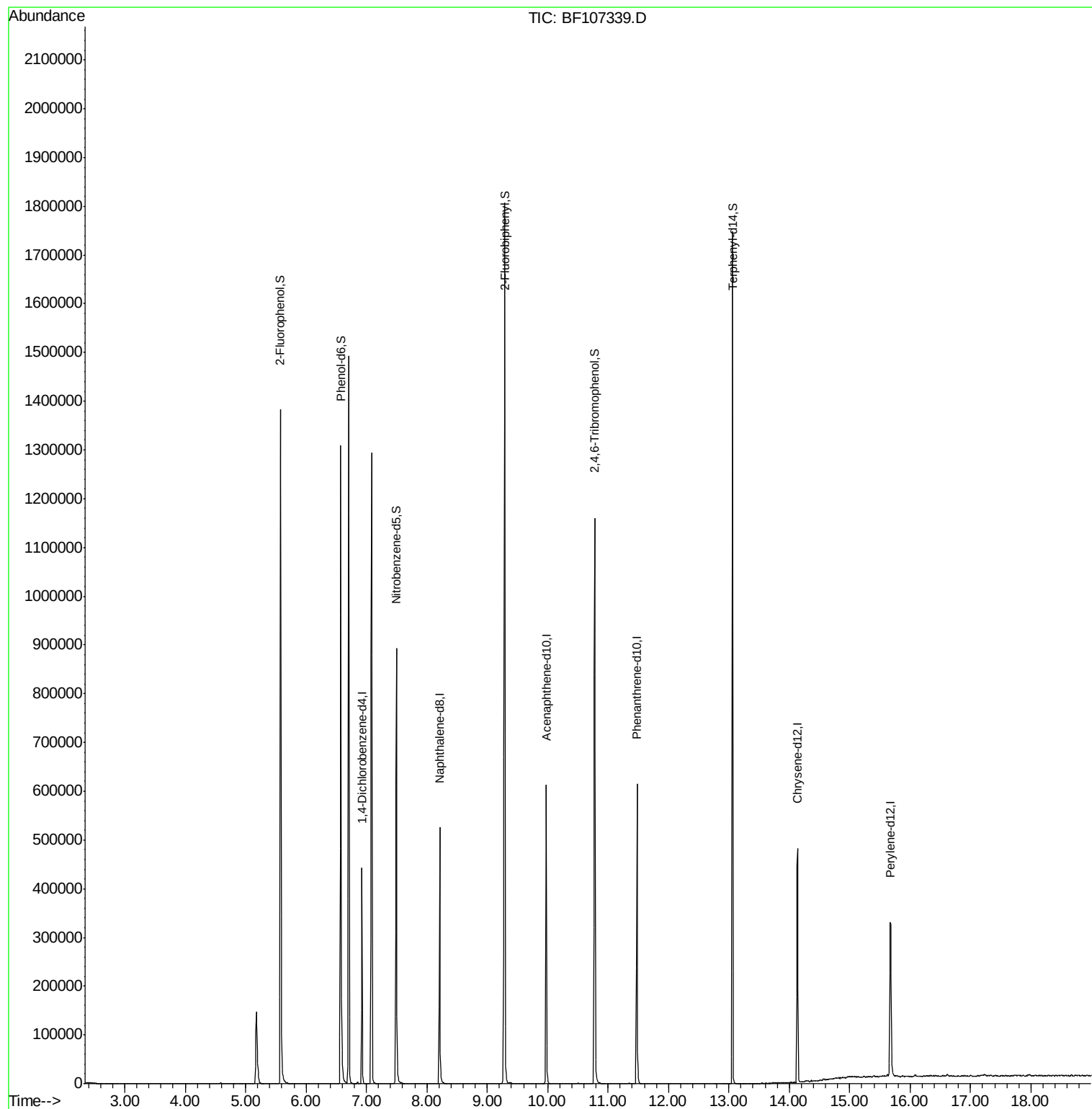
Target Compounds Qvalue

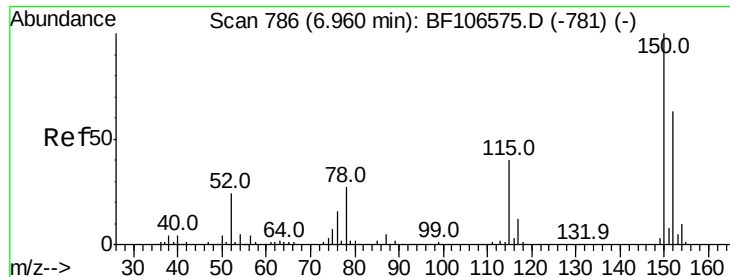
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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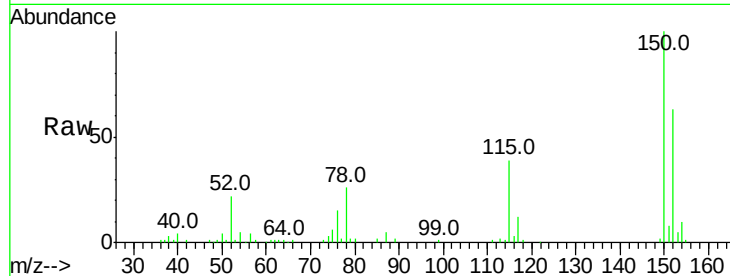


#1

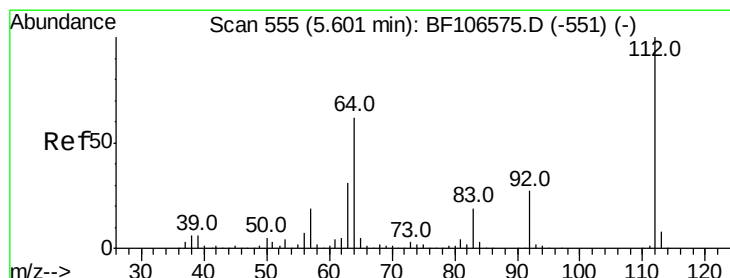
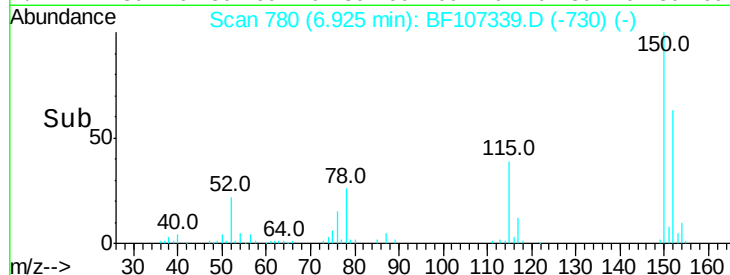
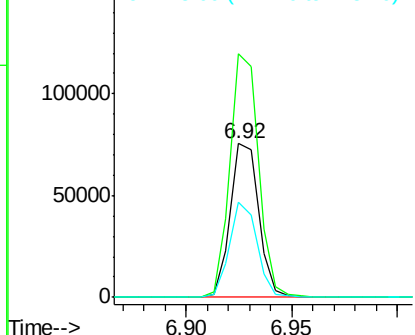
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Instrument :
BNA_F
ClientSampleId :
PB110987BL

Tot Ion:152 Resp: 70531
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.6 50.1 75.1



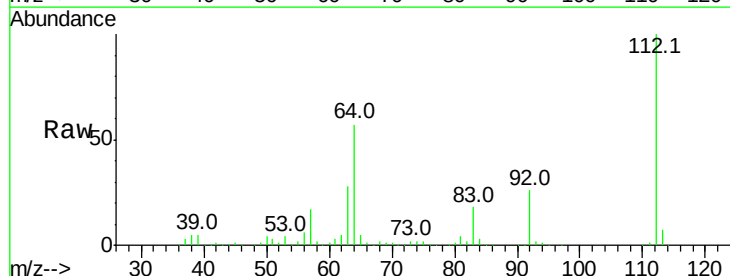
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



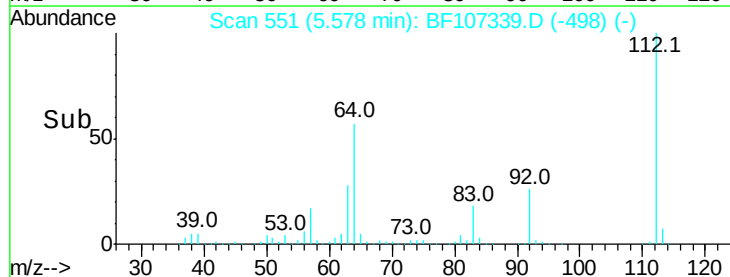
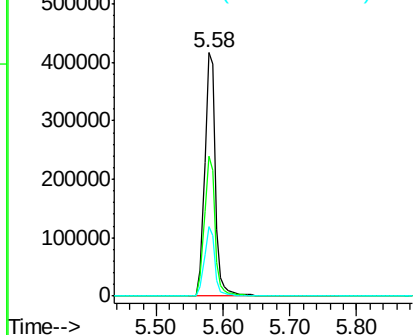
#5

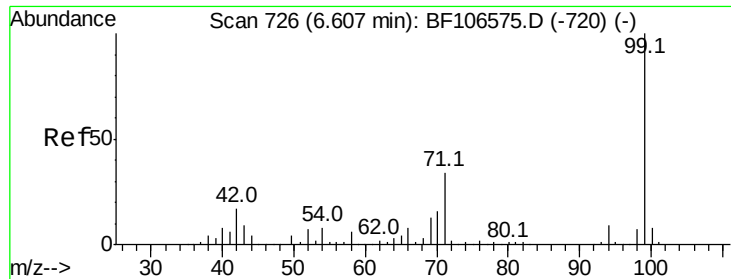
2-Fluorophenol
Concen: 110.488 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Tgt Ion:112 Resp: 460212
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.4 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: 109.744 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

Instrument :

BNA_F

ClientSampleId :

PB110987BL

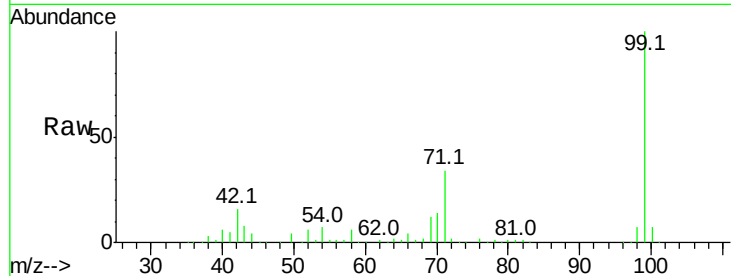
Tot Ion: 99 Resp: 570845

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

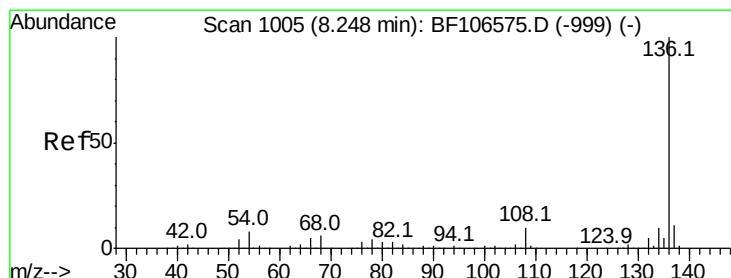
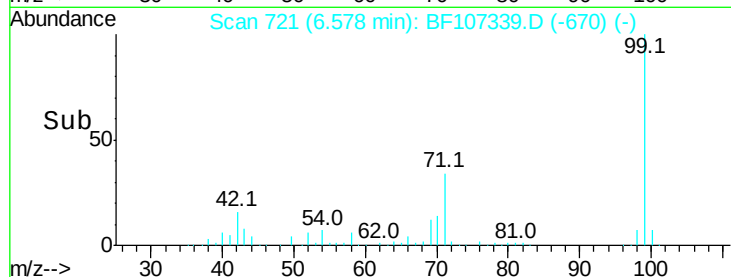
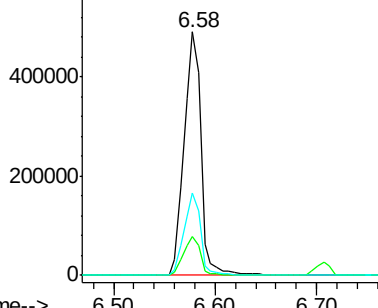
71 33.9 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

Tgt Ion: 136 Resp: 273689

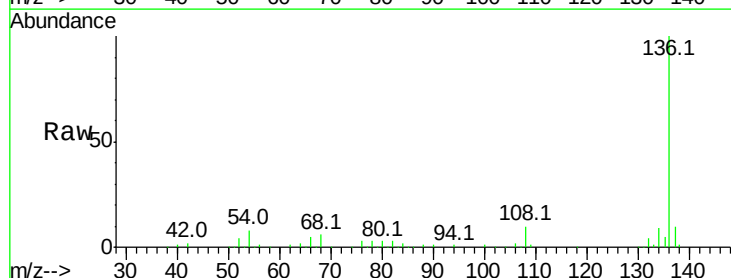
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

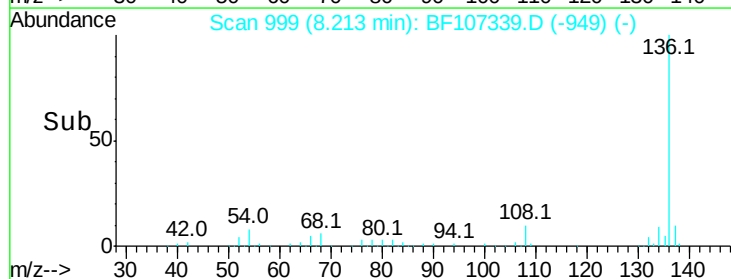
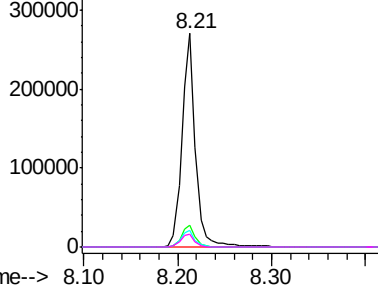


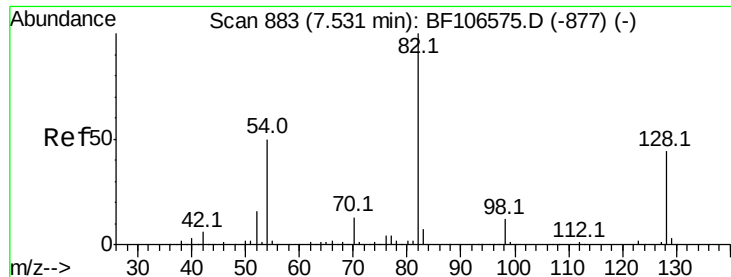
Abundance Ion 136.00 (135.70 to 136.70): E

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

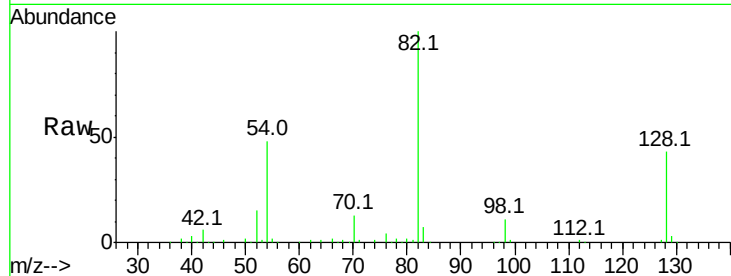




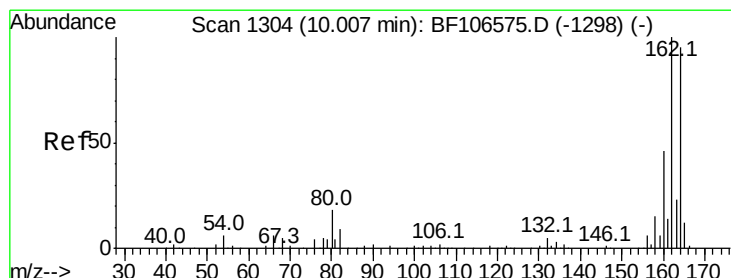
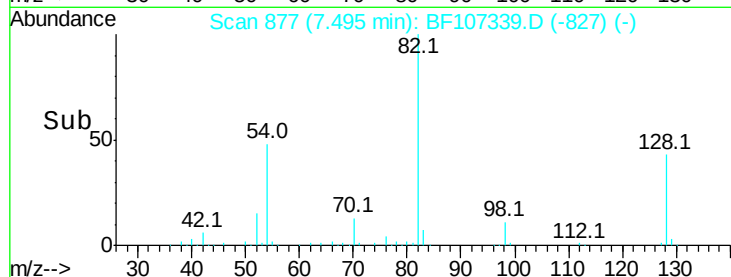
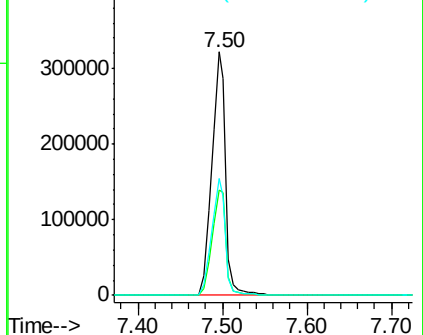
#23
Nitrobenzene-d5
Concen: 76.142 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Instrument :
BNA_F
ClientSampleId :
PB110987BL

Tot Ion: 82 Resp: 374987
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 47.8 41.4 62.2

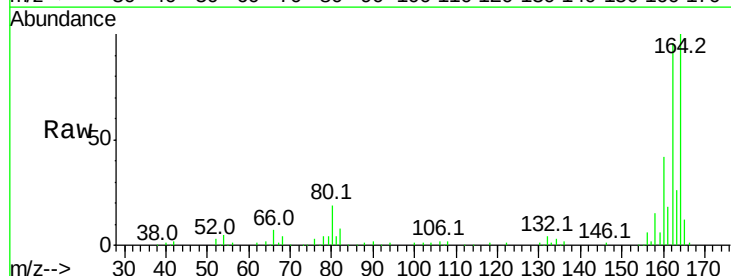


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

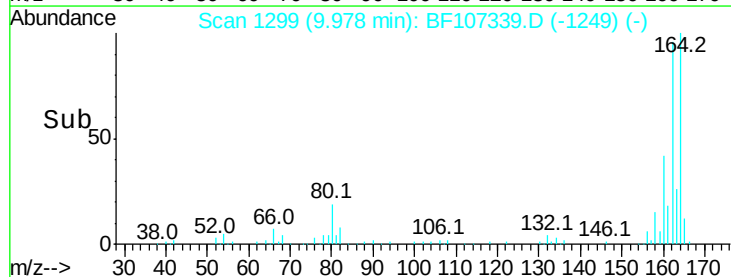
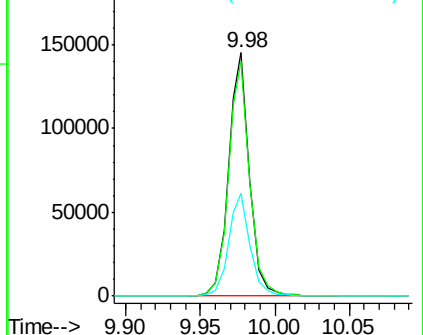


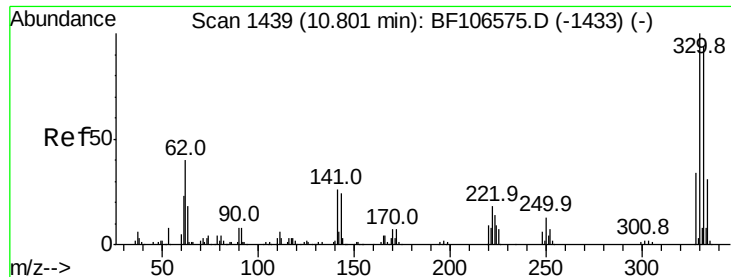
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Tgt Ion:164 Resp: 143527
Ion Ratio Lower Upper
164 100
162 96.3 86.1 129.1
160 42.3 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

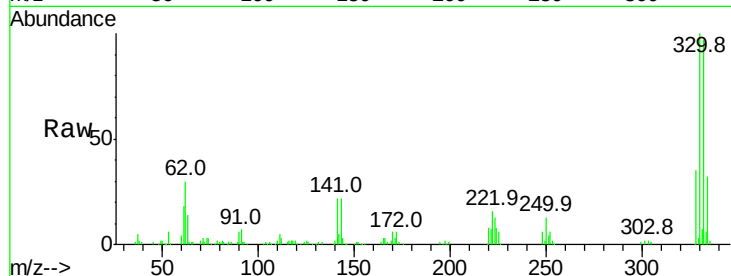




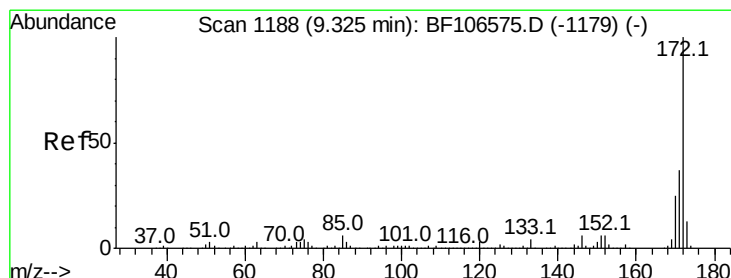
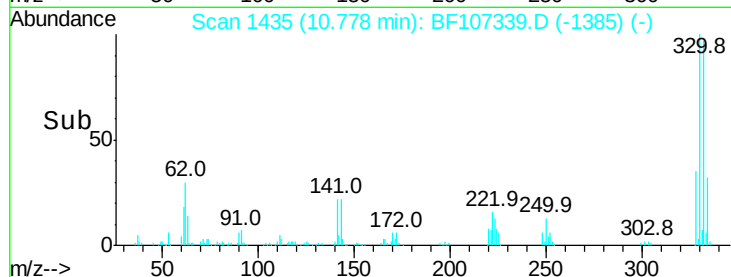
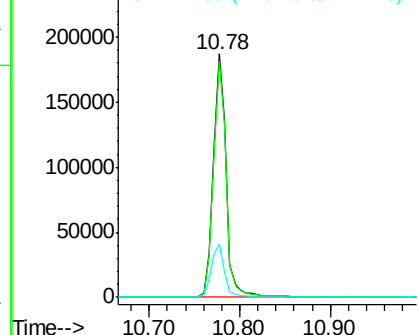
#41
 2,4,6-Tribromophenol
 Concen: 113.730 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	22.4	29.9	44.9#

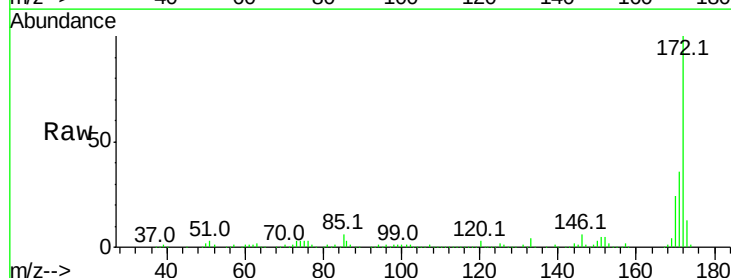


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

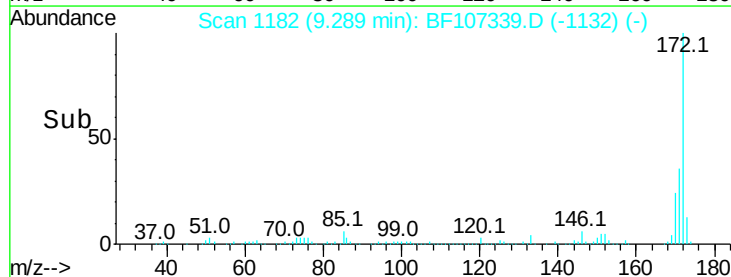
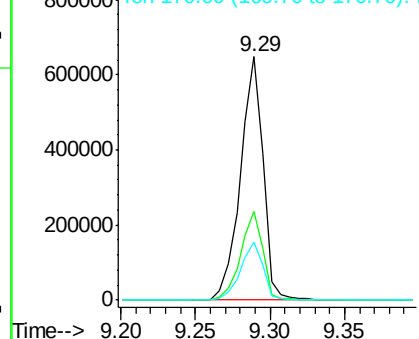


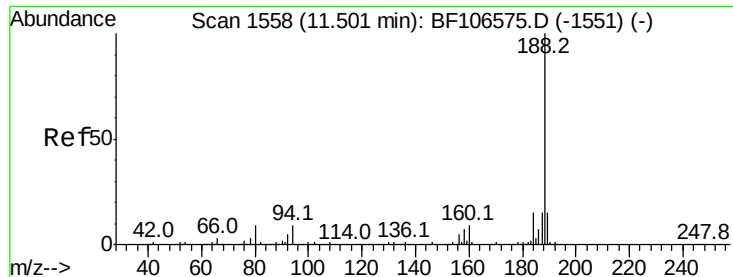
#44
 2-Fluorobiphenyl
 Concen: 80.806 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	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

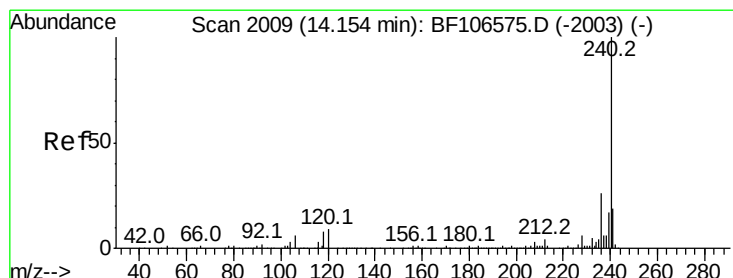
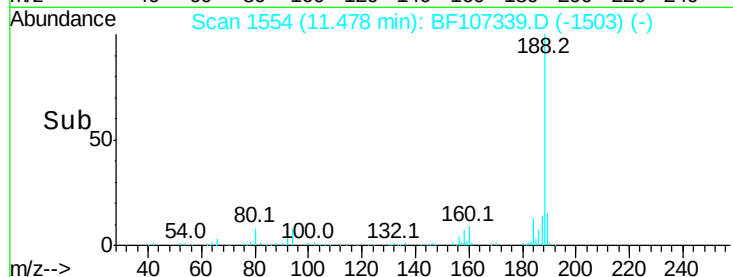
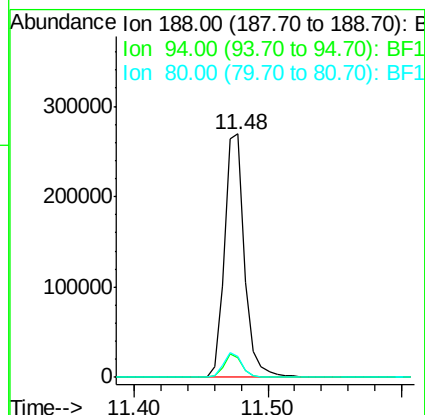
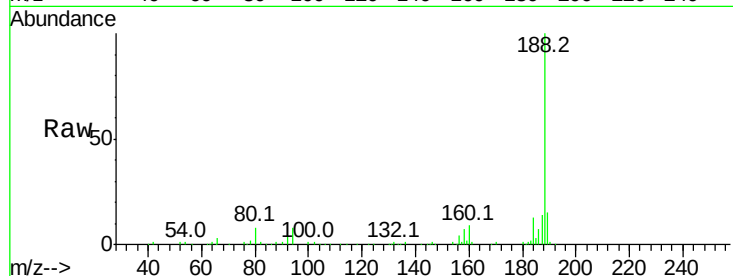




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

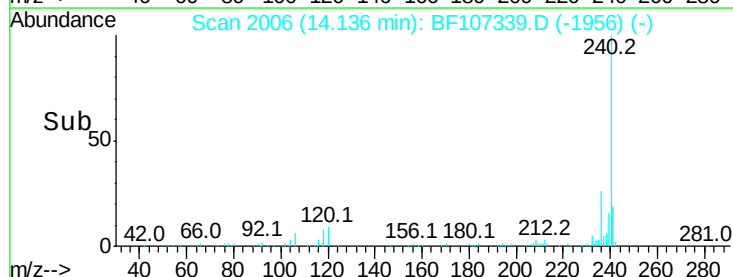
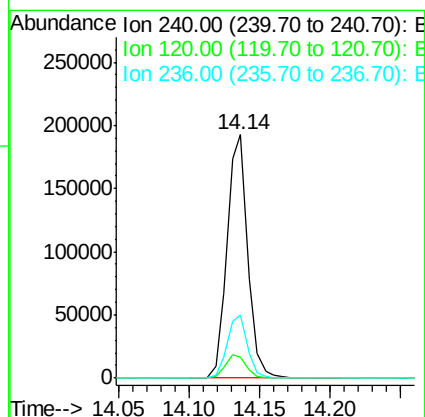
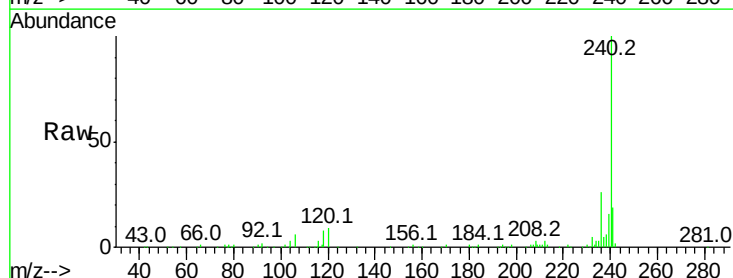
Instrument :
BNA_F
ClientSampleId :
PB110987BL

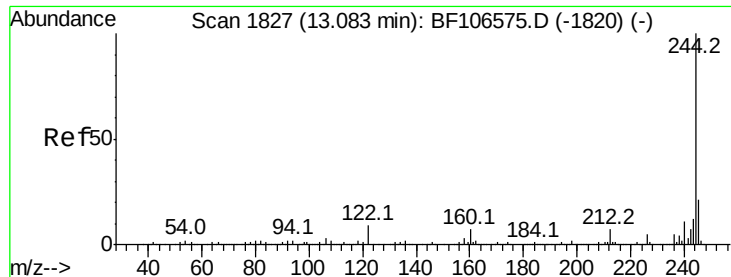
Tot Ion:188 Resp: 285037
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Tgt Ion:240 Resp: 194698
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.9 20.7 31.1

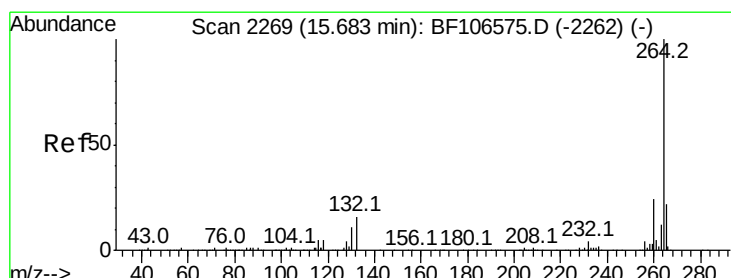
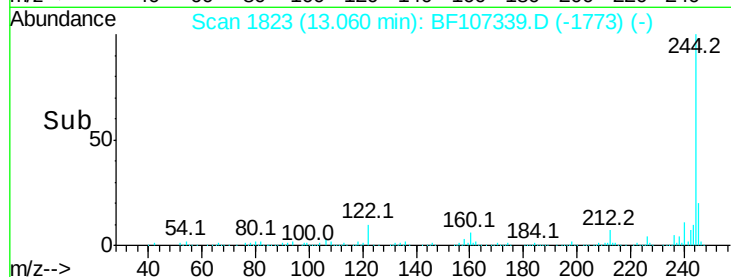
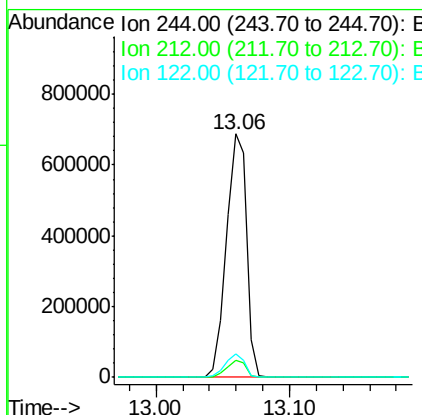
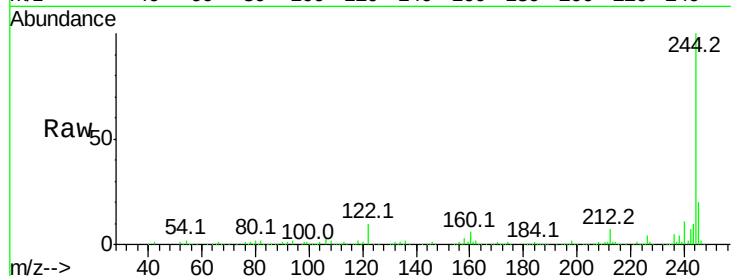




#78
 Terphenyl-d14
 Concen: 91.685 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tot Ion:244 Resp: 736941
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion:264 Resp: 199312
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.5 26.3

