

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101060.D
 Acq On : 1 Dec 2017 13:57
 Operator : SJ/JU
 Sample : PB104640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104640BL

Quant Time: Dec 01 16:04:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51371	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	202661	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	98412	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	200787	20.00	ng	0.00
75) Chrysene-d12	14.02	240	169698	20.00	ng	0.00
86) Perylene-d12	15.48	264	124816	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	356035	114.53	ng	0.00
7) Phenol-d6	6.48	99	429401	113.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	266523	78.45	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	88845	75.15	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	589699	81.98	ng	0.00
78) Terphenyl-d14	12.96	244	690397	88.99	ng	0.00

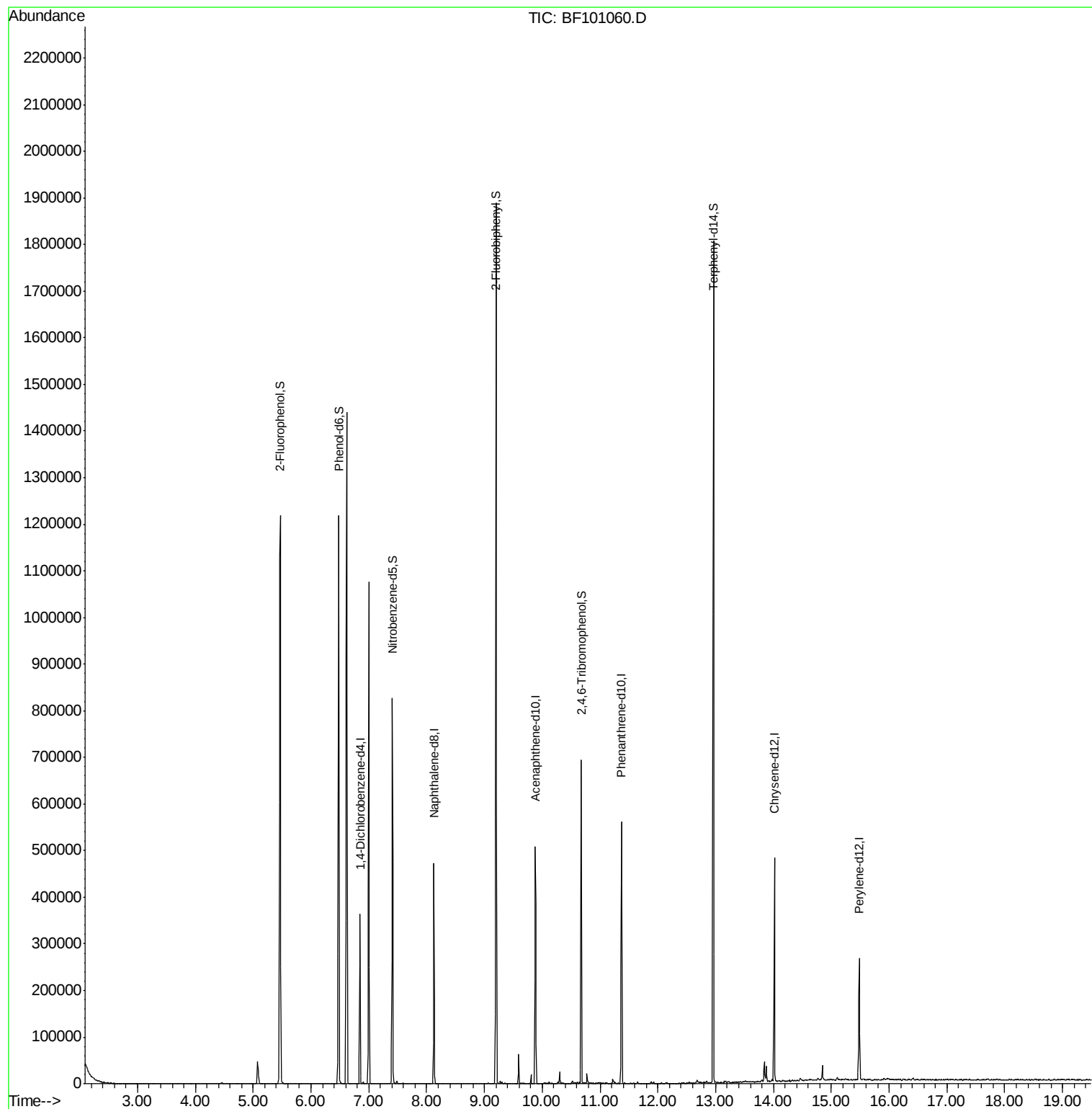
Target Compounds Qvalue

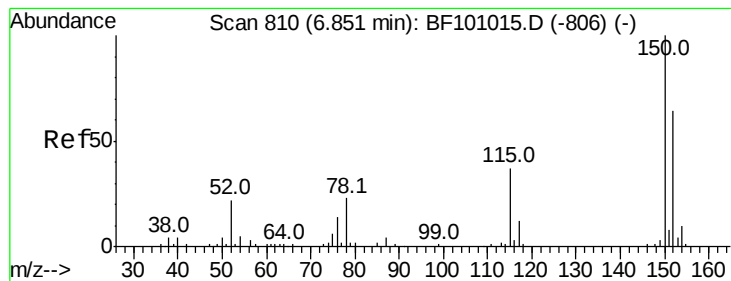
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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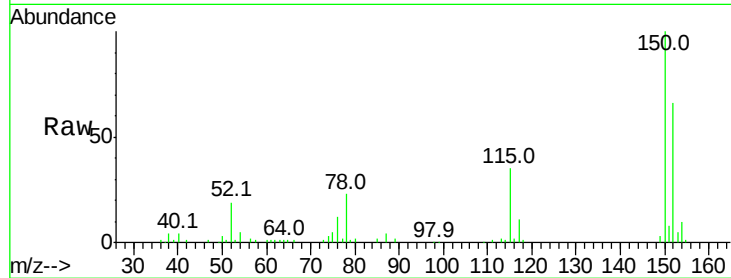


#1

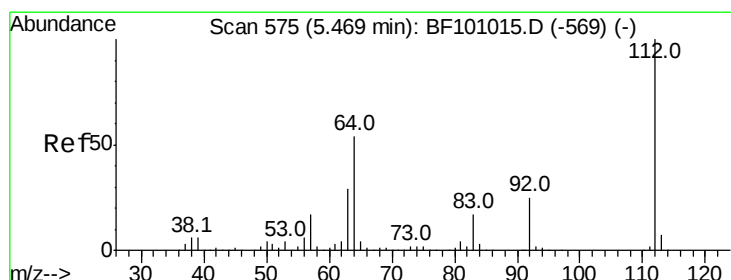
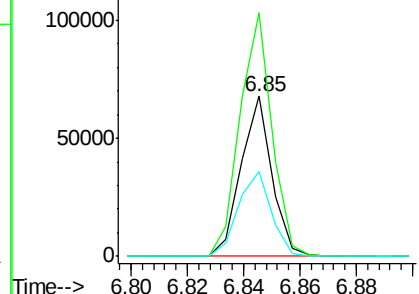
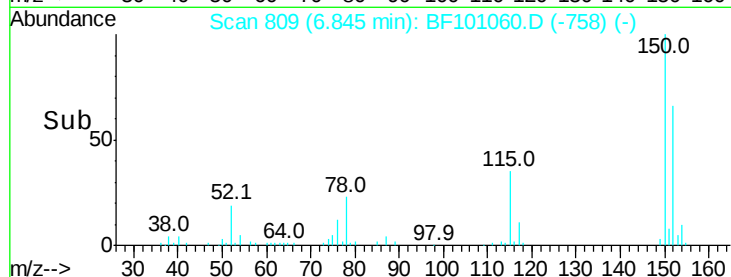
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101060.D
Acq: 1 Dec 2017 13:57

Instrument :
BNA_F
ClientSampleId :
PB104640BL

Tot Ion:152 Resp: 51371
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 53.2 50.1 75.1



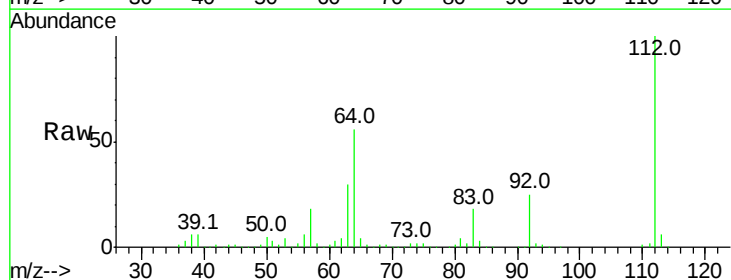
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



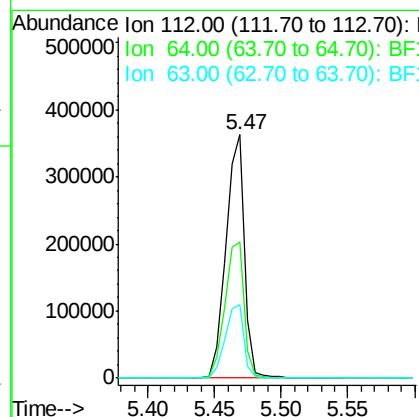
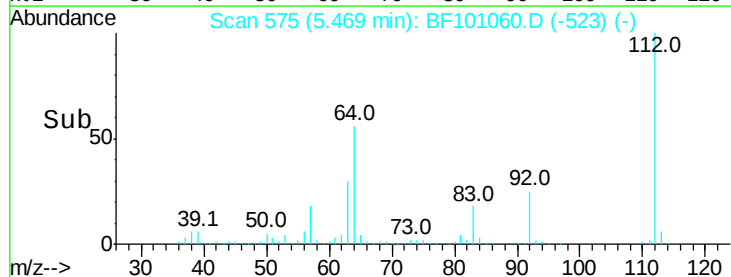
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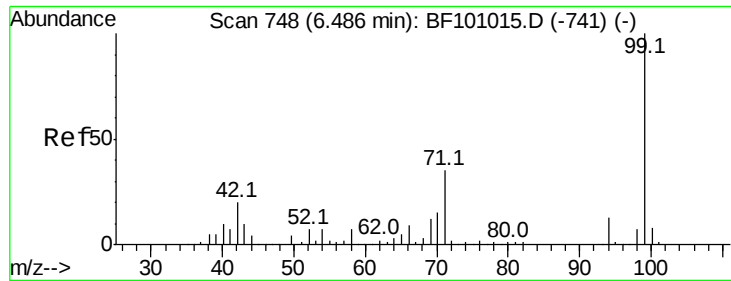
2-Fluorophenol
Concen: 114.525 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101060.D
Acq: 1 Dec 2017 13:57

Tgt Ion:112 Resp: 356035
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 29.9 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: 113.768 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101060.D

Acq: 1 Dec 2017 13:57

Instrument :

BNA_F

ClientSampled :

PB104640BL

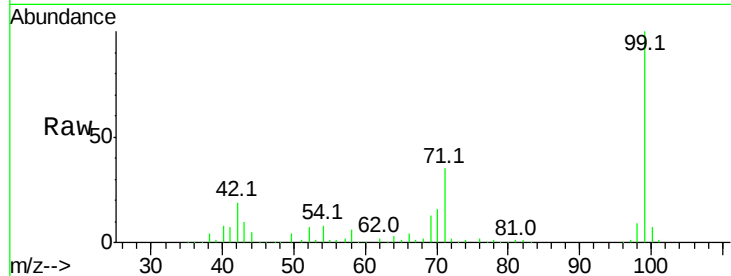
Tot Ion: 99 Resp: 429401

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

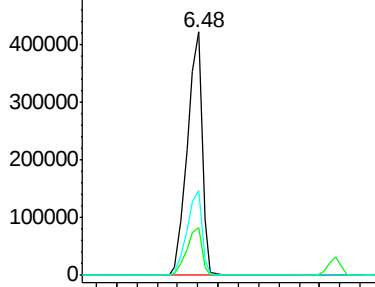
71 35.1 25.4 38.0



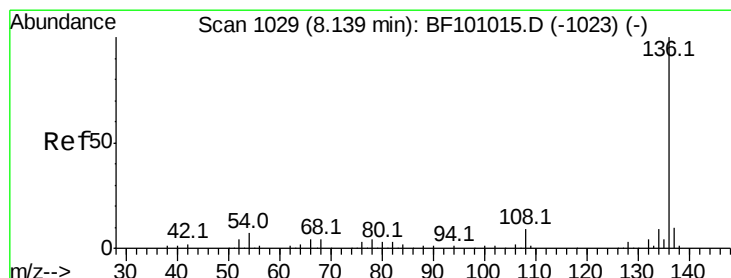
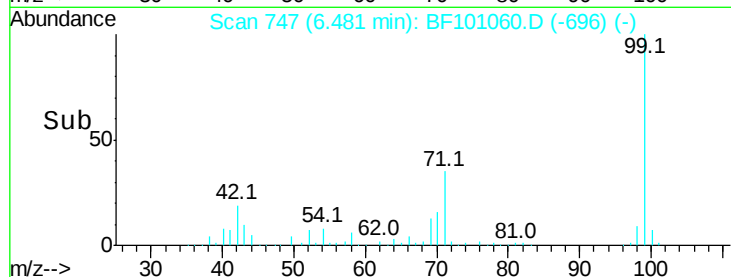
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101060.D

Acq: 1 Dec 2017 13:57

Tgt Ion: 136 Resp: 202661

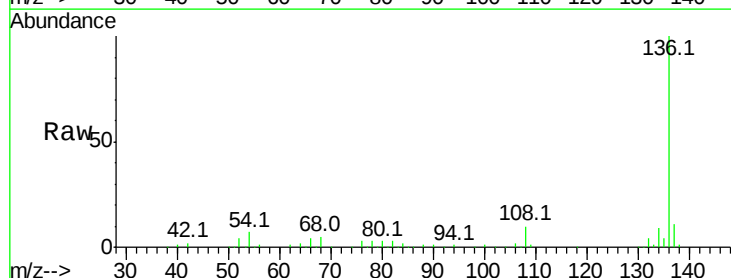
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 4.5 5.0 7.4#

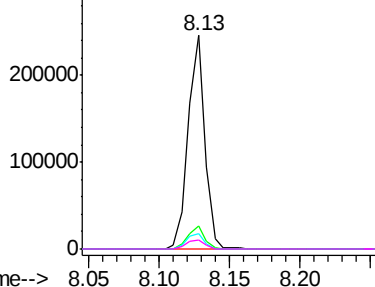


Abundance Ion 136.00 (135.70 to 136.70): E

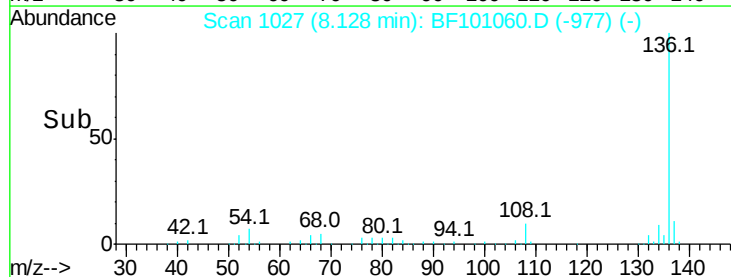
Ion 137.00 (136.70 to 137.70): E

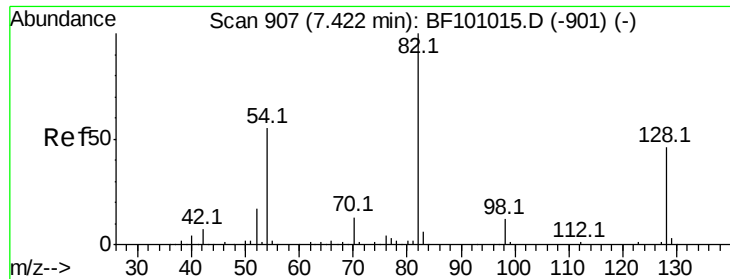
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

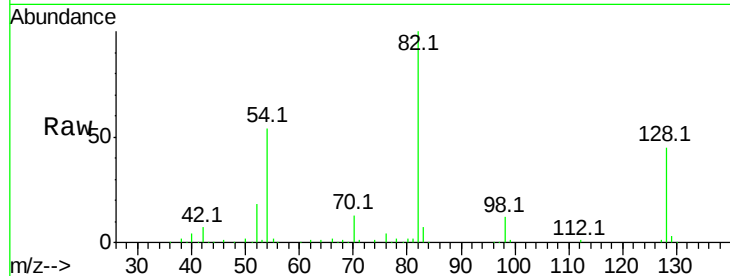




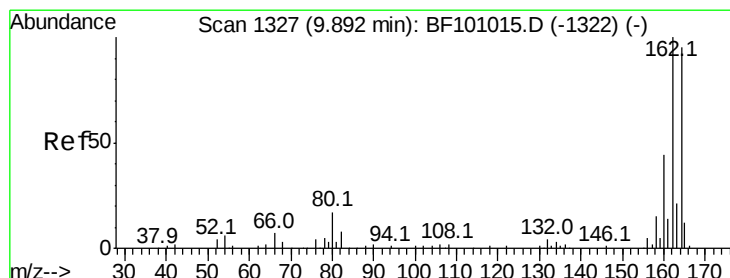
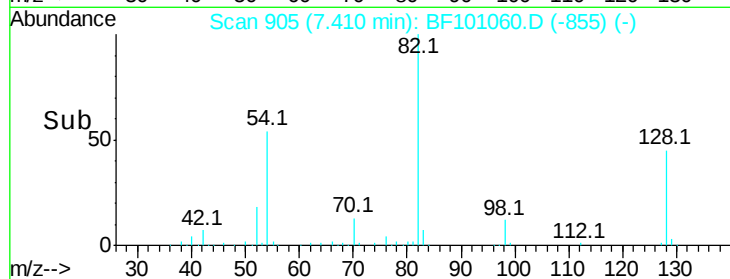
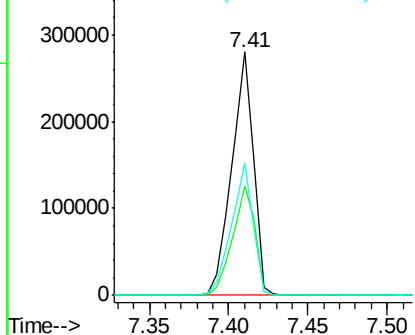
#23
 Nitrobenzene-d5
 Concen: 78.451 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101060.D
 Acq: 1 Dec 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB104640BL

Tot Ion: 82 Resp: 266523
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 54.3 41.4 62.2

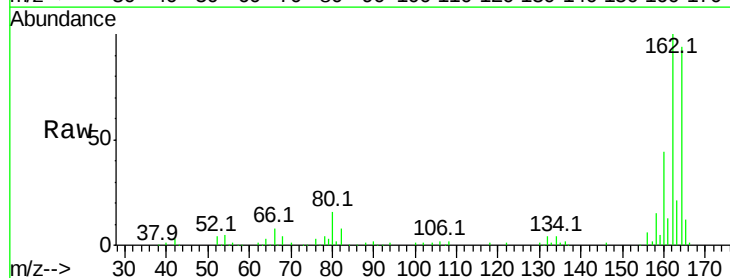


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

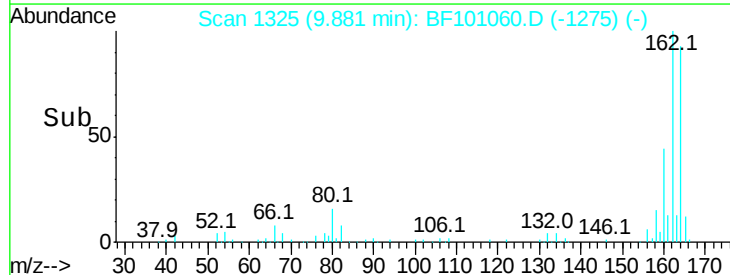
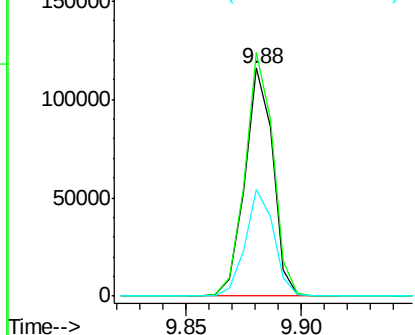


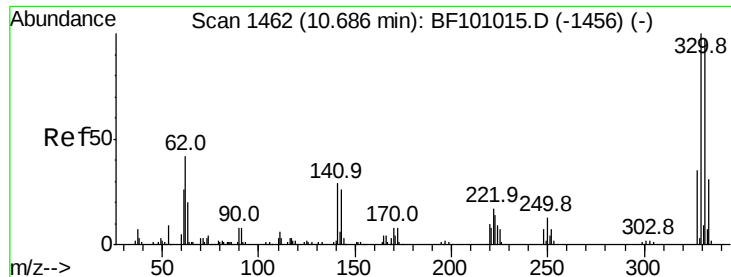
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101060.D
 Acq: 1 Dec 2017 13:57

Tgt Ion:164 Resp: 98412
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 46.6 38.3 57.5



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

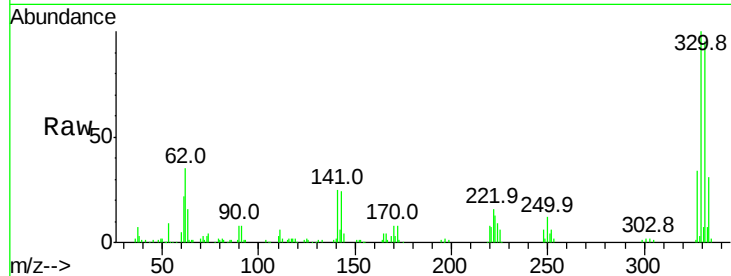




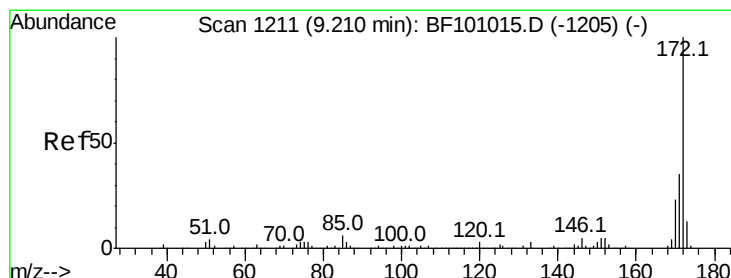
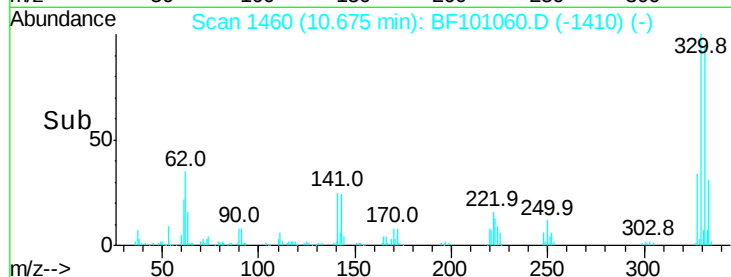
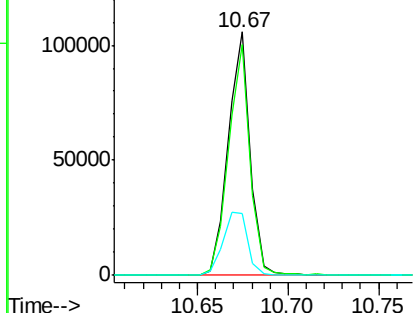
#41
 2,4,6-Tribromophenol
 Concen: 75.152 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101060.D
 Acq: 1 Dec 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB104640BL

Tot Ion:330 Resp: 88845
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 29.1 29.9 44.9#

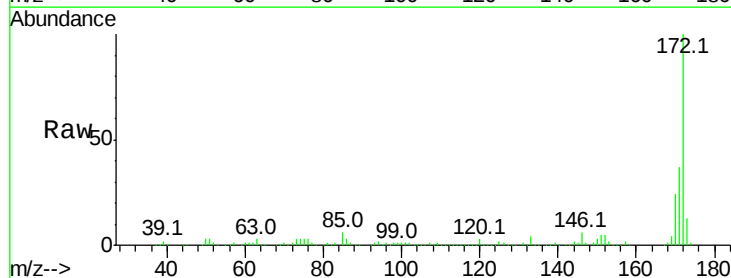


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

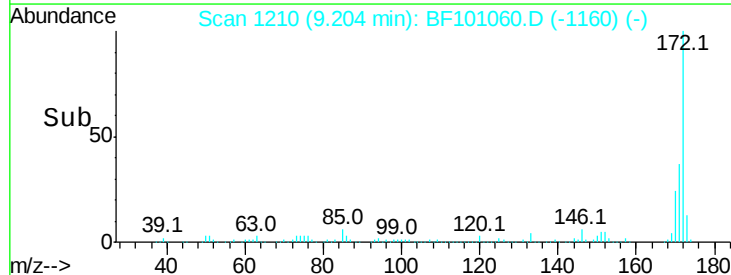
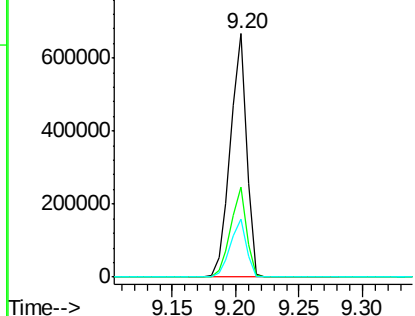


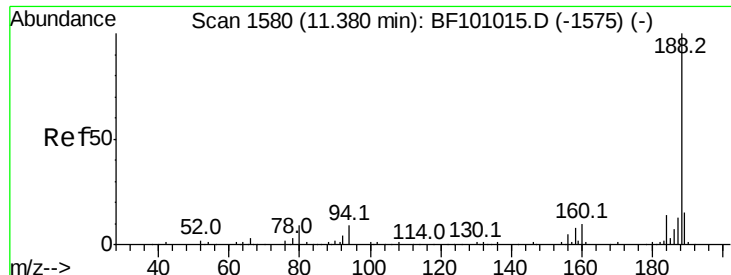
#44
 2-Fluorobiphenyl
 Concen: 81.984 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101060.D
 Acq: 1 Dec 2017 13:57

Tgt Ion:172 Resp: 589699
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.7 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

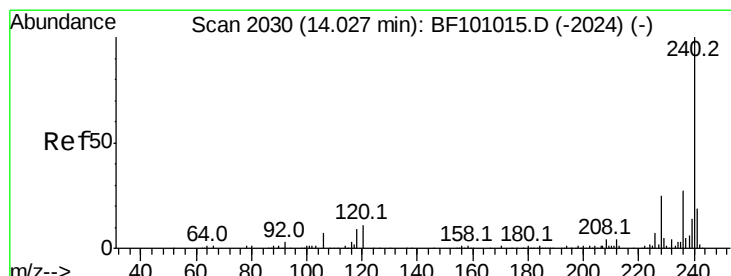
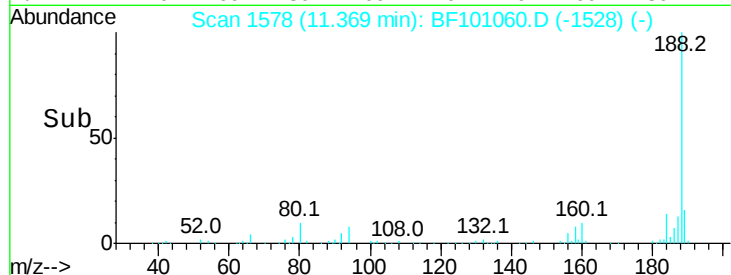
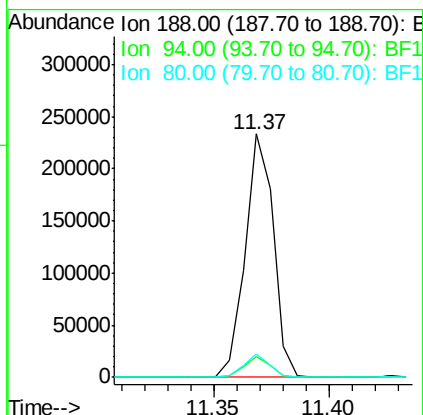
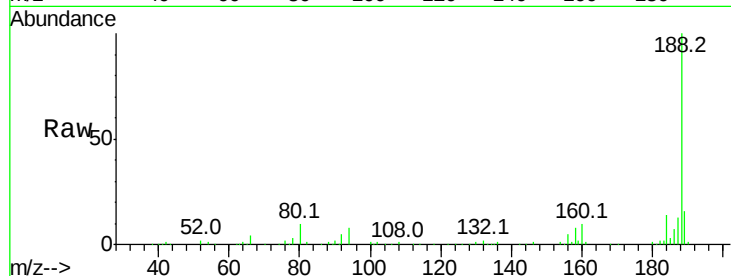




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101060.D
Acq: 1 Dec 2017 13:57

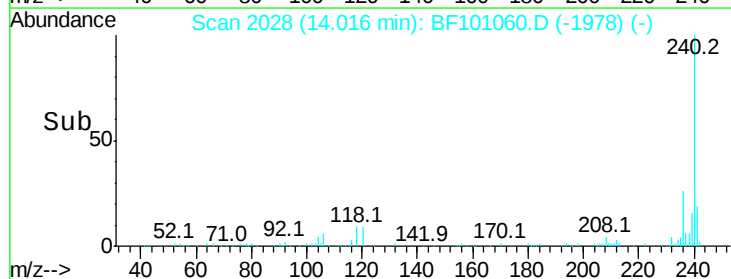
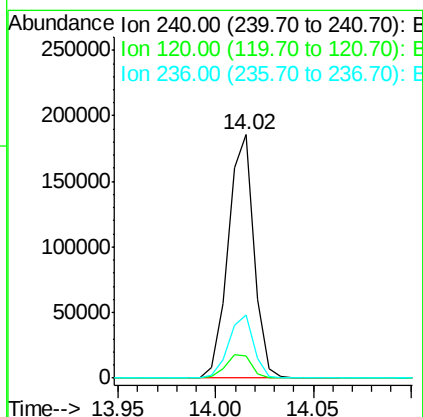
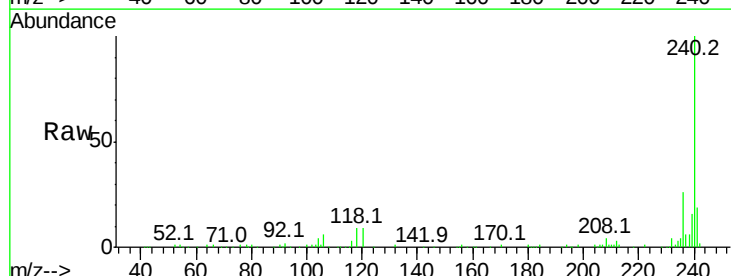
Instrument :
BNA_F
ClientSampleId :
PB104640BL

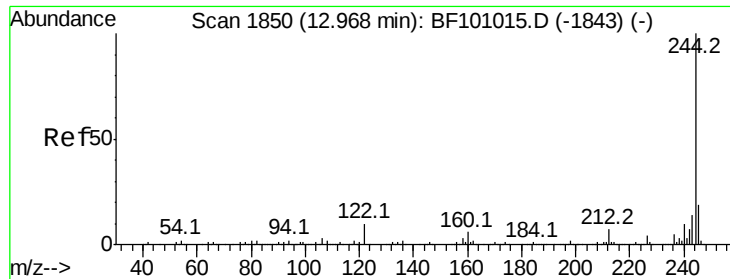
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101060.D
Acq: 1 Dec 2017 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 88.986 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101060.D

Acq: 1 Dec 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB104640BL

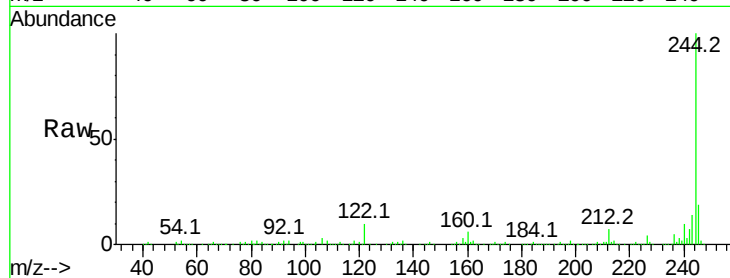
Tot Ion:244 Resp: 690397

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

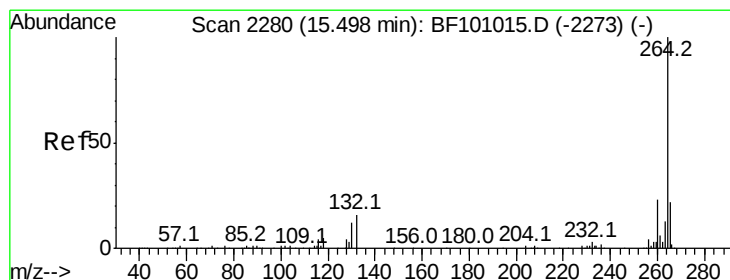
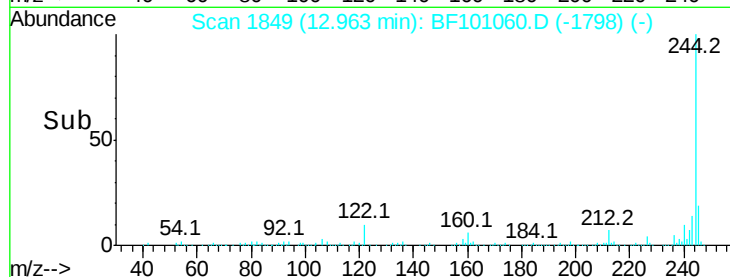
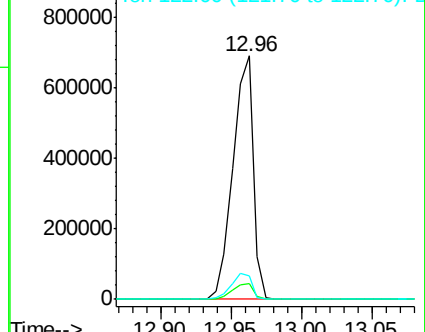
122 9.7 11.0 16.4#



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: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF101060.D

Acq: 1 Dec 2017 13:57

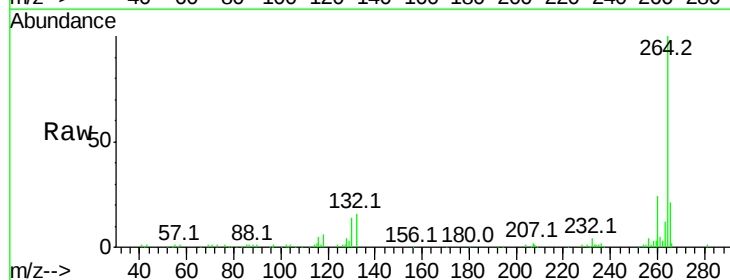
Tgt Ion:264 Resp: 124816

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 17.5 26.3



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

