

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103752.D
 Acq On : 19 Mar 2018 13:04
 Operator : JU/SJ
 Sample : J1750-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-A

Quant Time: Mar 19 16:52:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

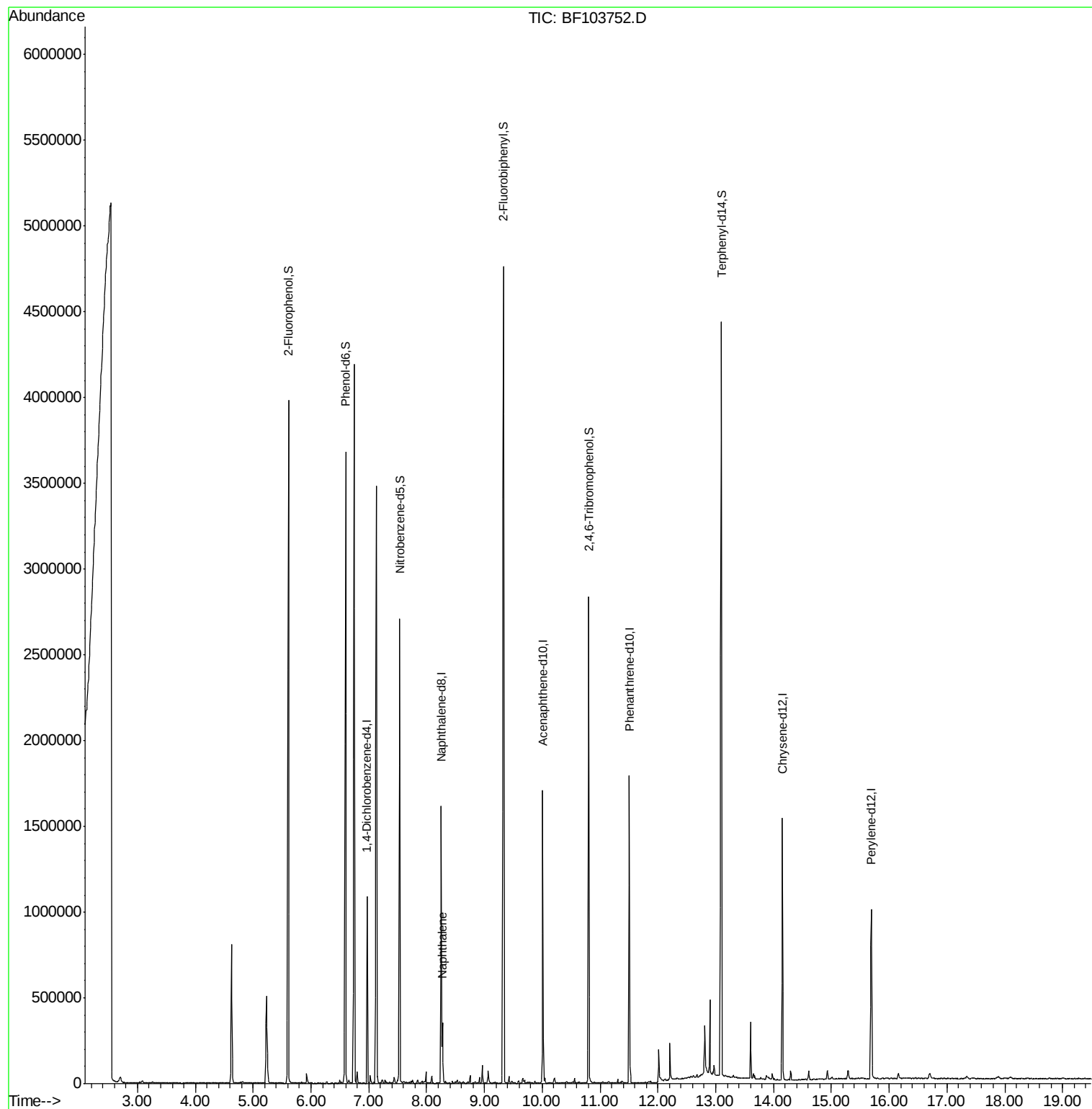
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166215	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	679241	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	325452	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	587761	20.00	ng	0.00
75) Chrysene-d12	14.16	240	517506	20.00	ng	0.00
86) Perylene-d12	15.69	264	432062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1351951	123.71	ng	0.02
7) Phenol-d6	6.60	99	1627835	121.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	1074945	110.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	438100	156.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1728816	84.74	ng	0.00
78) Terphenyl-d14	13.10	244	1878649	84.26	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	139881	4.077	ng	Qvalue 99

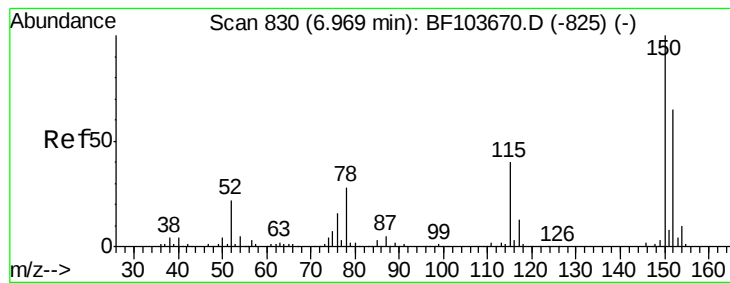
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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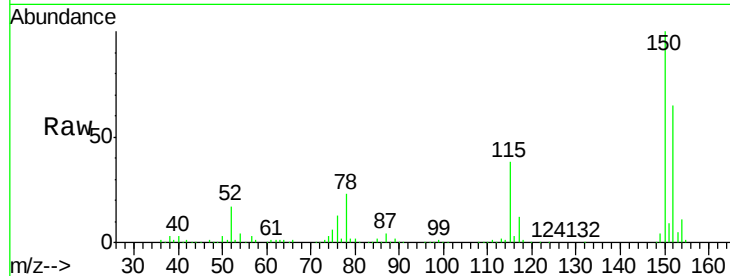


#1

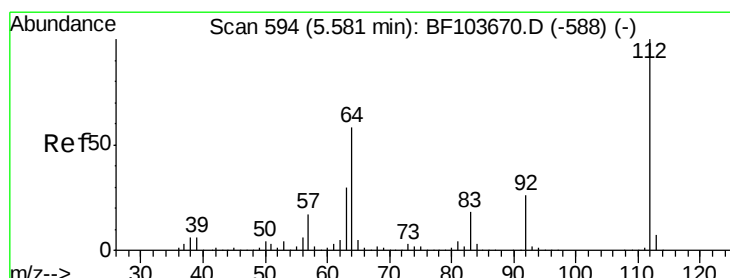
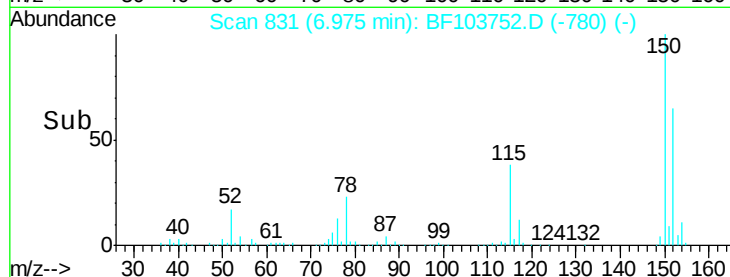
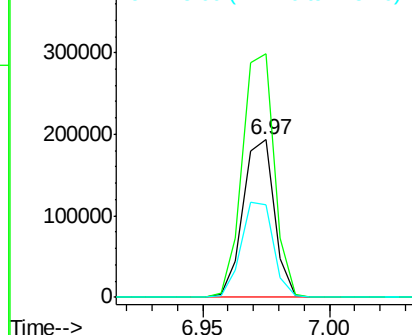
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103752.D
Acq: 19 Mar 2018 13:04

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-A

Tot Ion:152 Resp: 166215
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.6 50.1 75.1



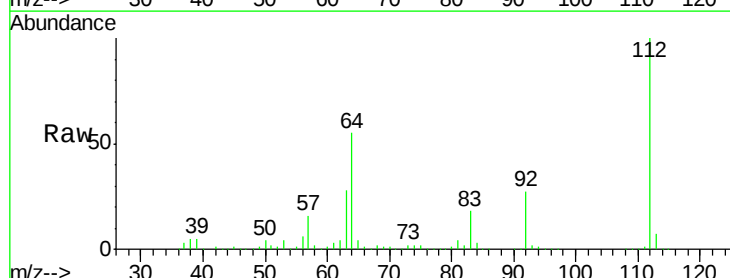
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



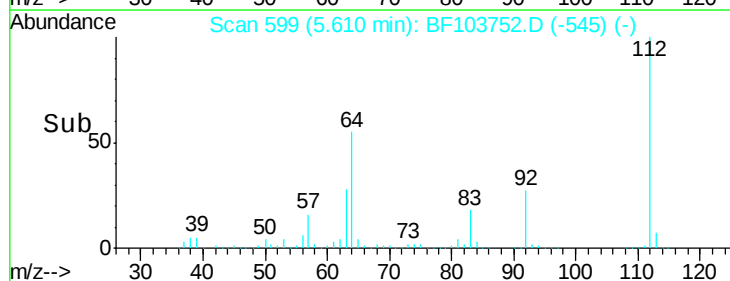
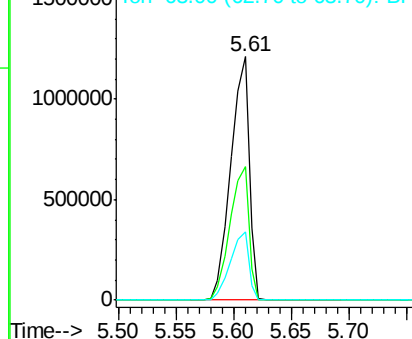
#5

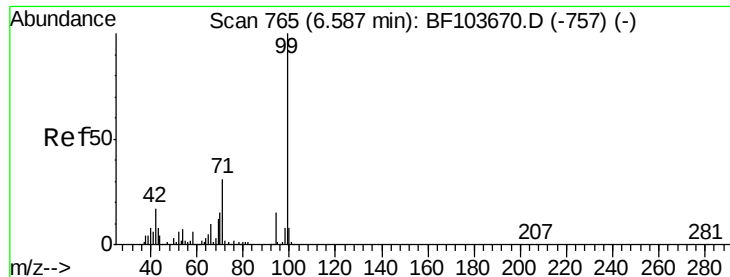
2-Fluorophenol
Concen: 123.714 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103752.D
Acq: 19 Mar 2018 13:04

Tgt Ion:112 Resp: 1351951
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.9 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: 121.756 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103752.D

Acq: 19 Mar 2018 13:04

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-A

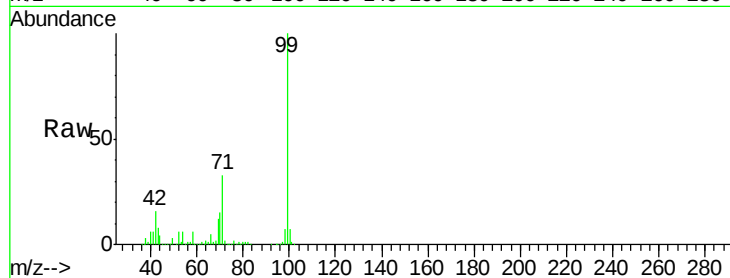
Tot Ion: 99 Resp: 1627835

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

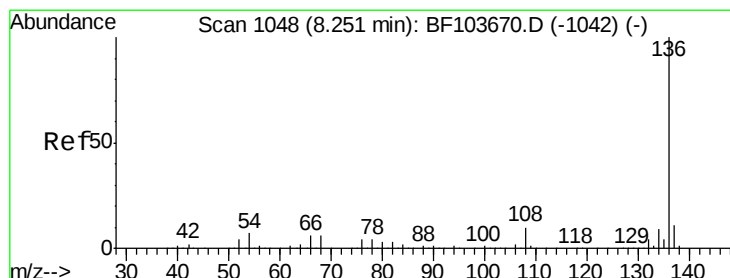
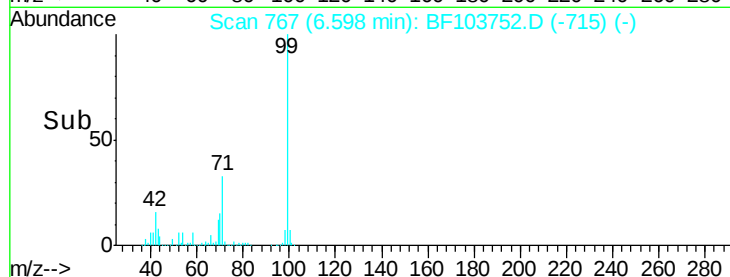
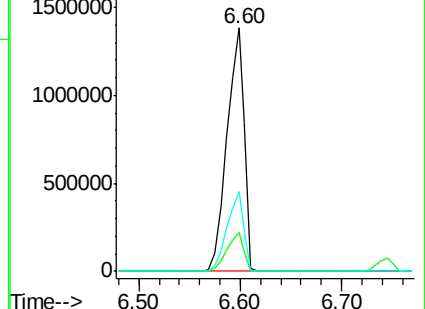
71 32.8 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103752.D

Acq: 19 Mar 2018 13:04

Tgt Ion: 136 Resp: 679241

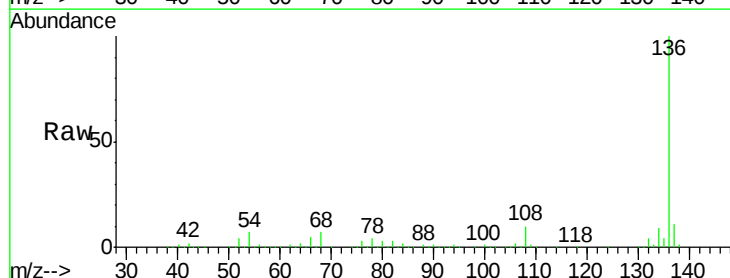
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

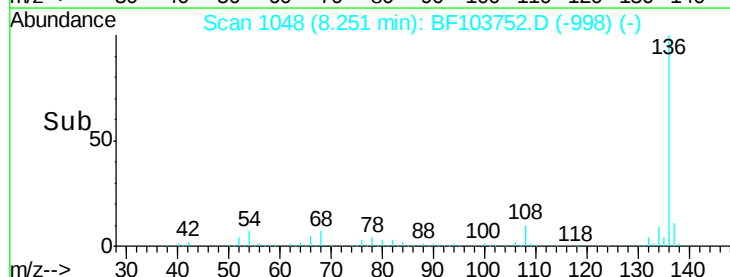
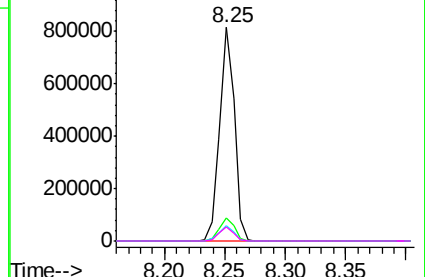


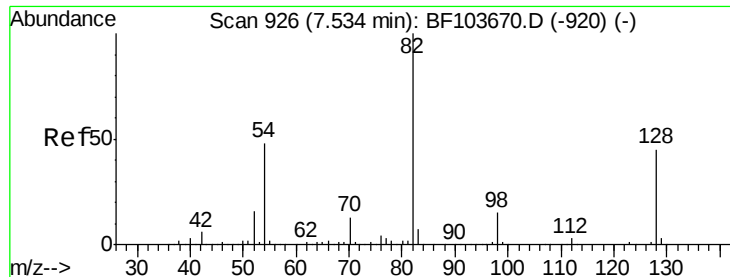
Abundance Ion 136.00 (135.70 to 136.70): E

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

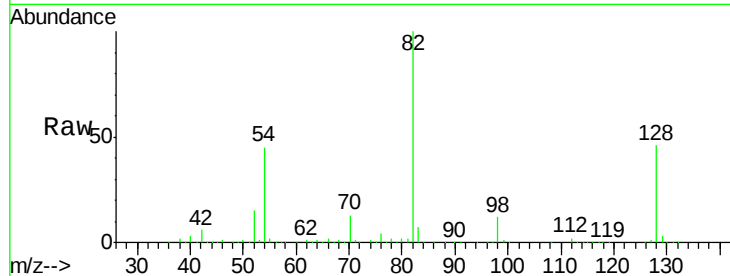




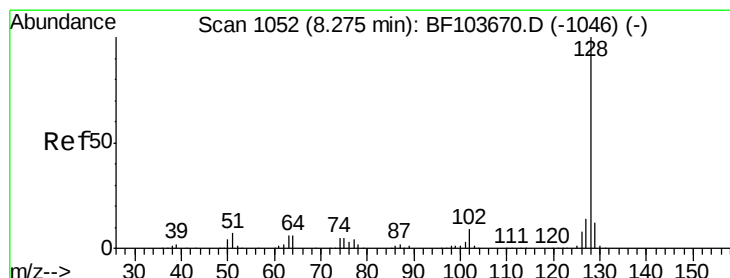
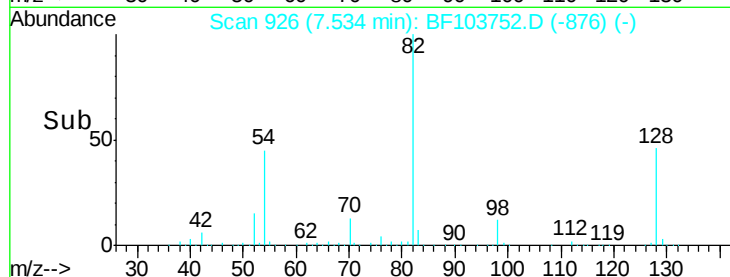
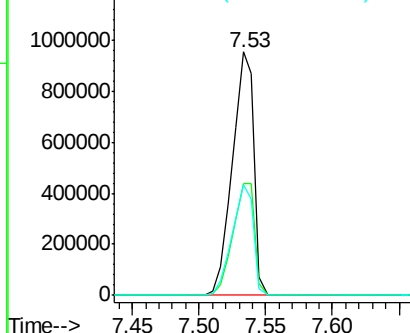
#23
Nitrobenzene-d5
Concen: 110.362 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103752.D
Acq: 19 Mar 2018 13:04

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-A

Tot Ion: 82 Resp: 1074945
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 45.3 41.4 62.2

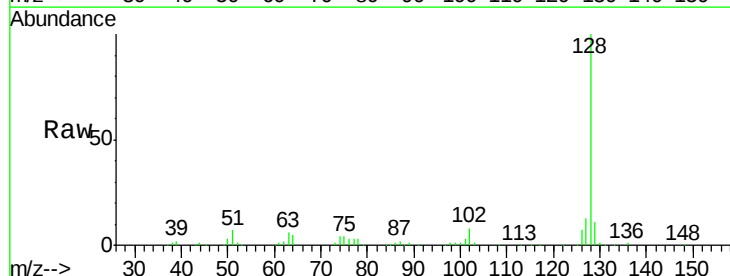


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

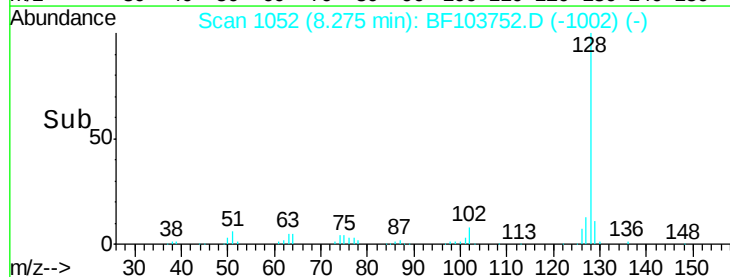
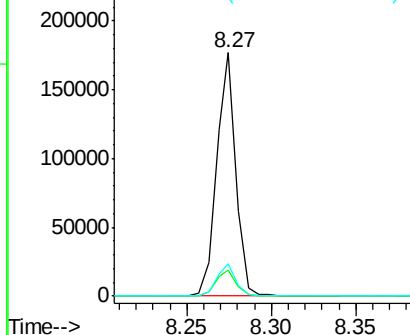


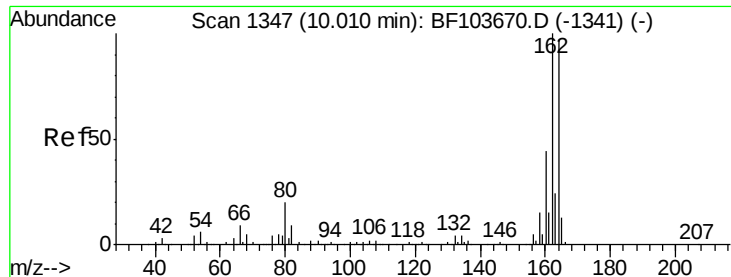
#31
Naphthalene
Concen: 4.077 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103752.D
Acq: 19 Mar 2018 13:04

Tgt Ion: 128 Resp: 139881
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

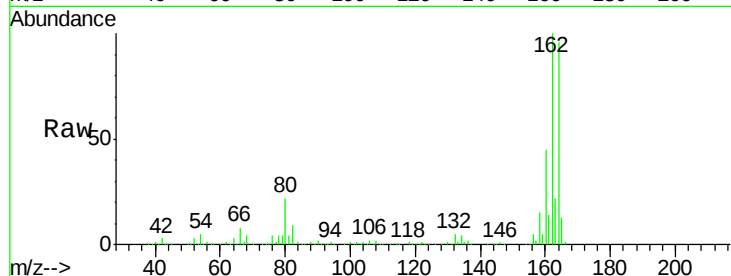




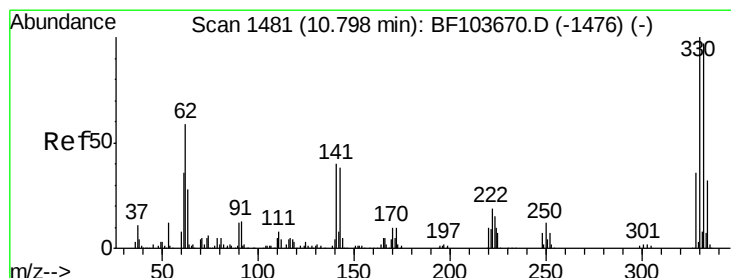
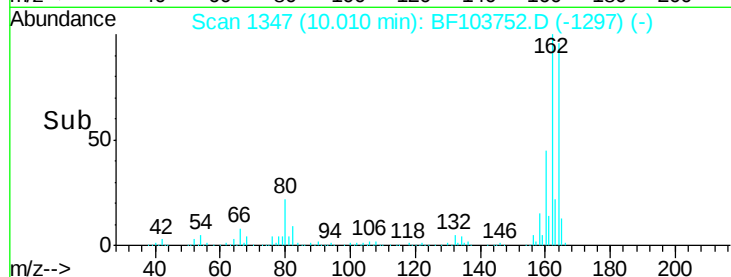
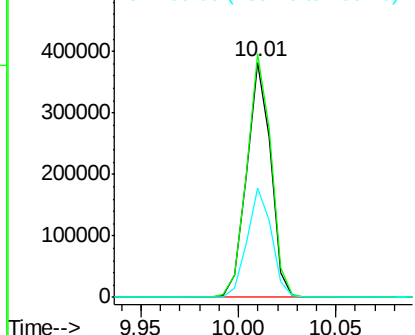
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103752.D
 Acq: 19 Mar 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-A

Tot Ion:164 Resp: 325452
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.3 38.3 57.5

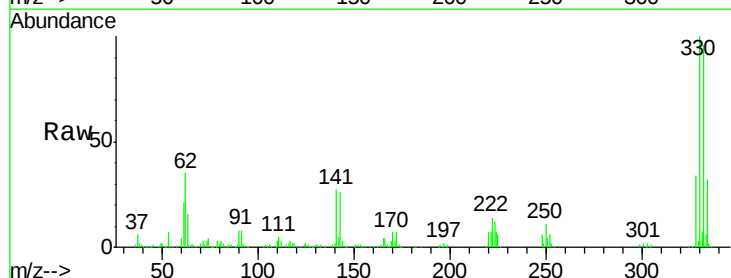


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

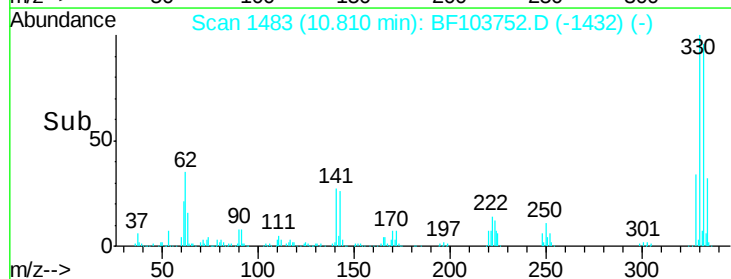
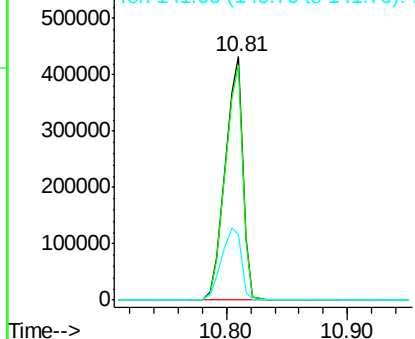


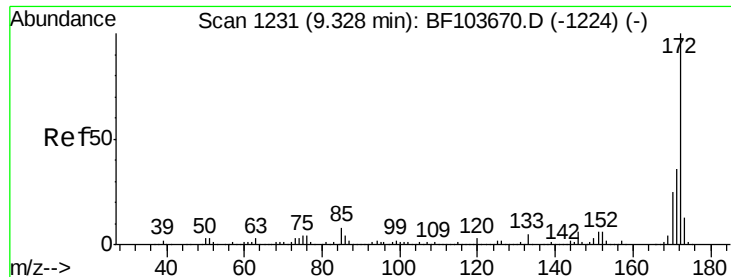
#41
 2,4,6-Tribromophenol
 Concen: 156.562 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103752.D
 Acq: 19 Mar 2018 13:04

Tgt Ion:330 Resp: 438100
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.9 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



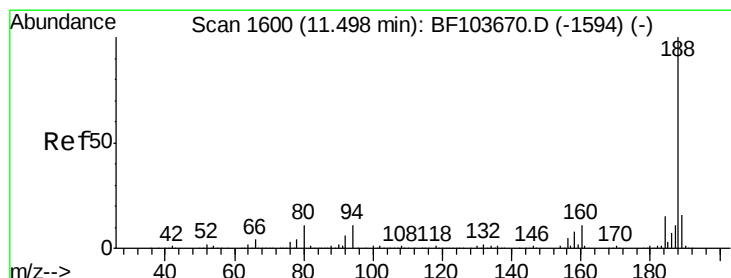
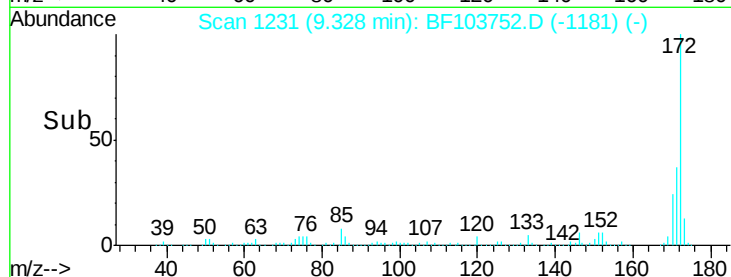
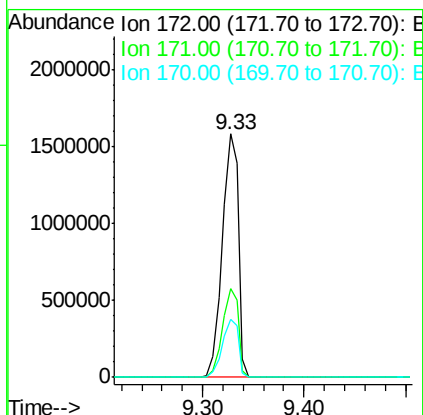
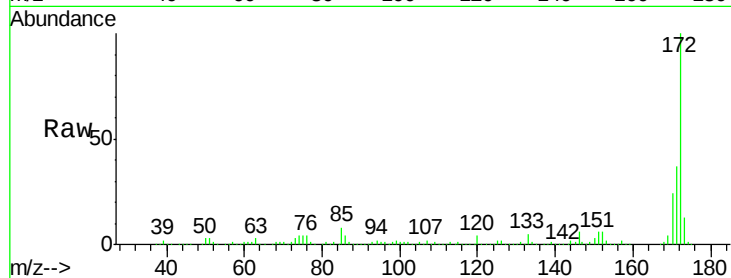


#44
 2-Fluorobiphenyl
 Concen: 84.735 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103752.D
 Acq: 19 Mar 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-A

Tot Ion:172 Resp: 1728816

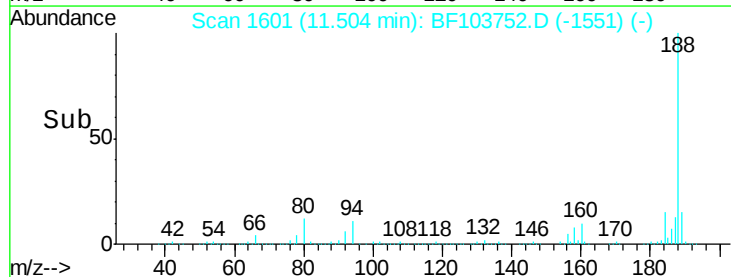
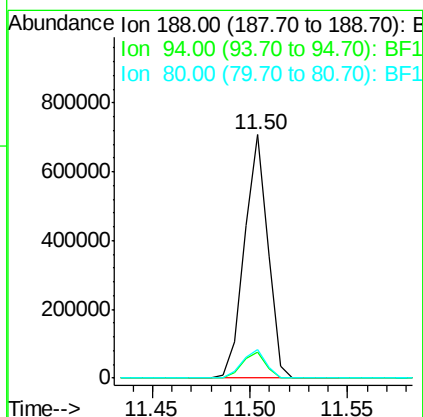
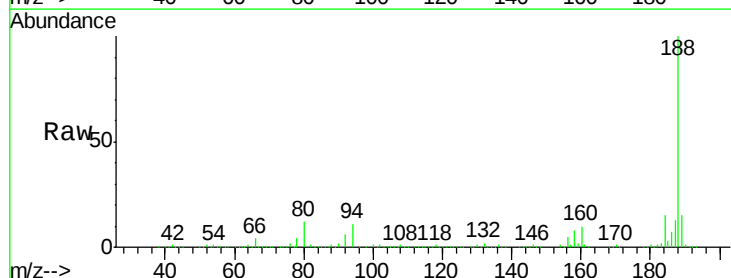
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

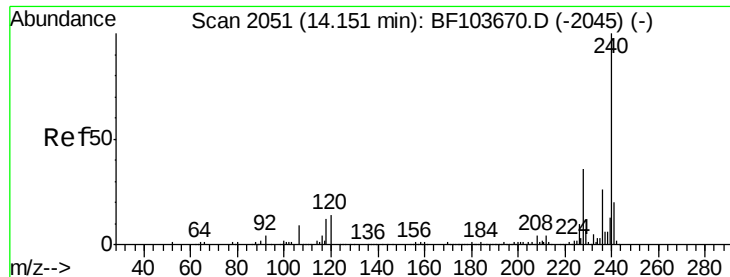


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103752.D
 Acq: 19 Mar 2018 13:04

Tgt Ion:188 Resp: 587761

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103752.D

Acq: 19 Mar 2018 13:04

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-A

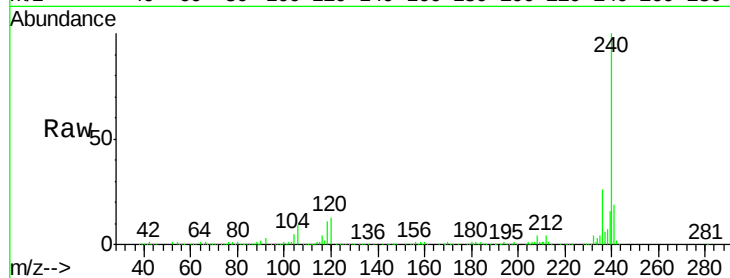
Tot Ion:240 Resp: 517506

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

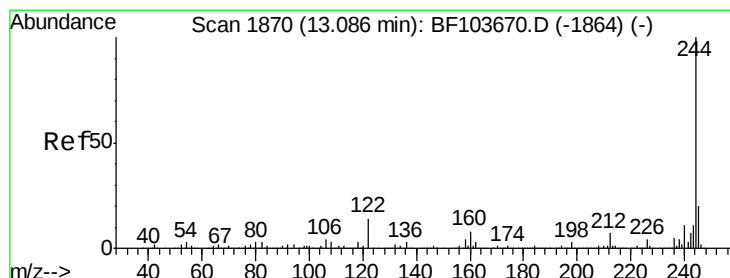
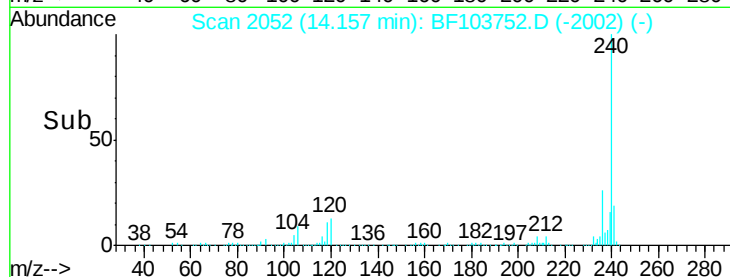
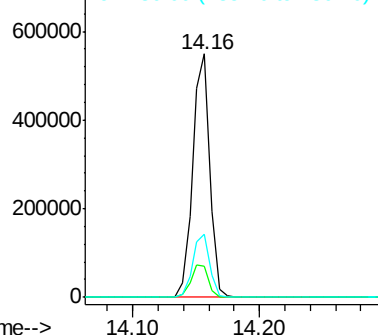
236 26.0 20.7 31.1



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: 84.262 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103752.D

Acq: 19 Mar 2018 13:04

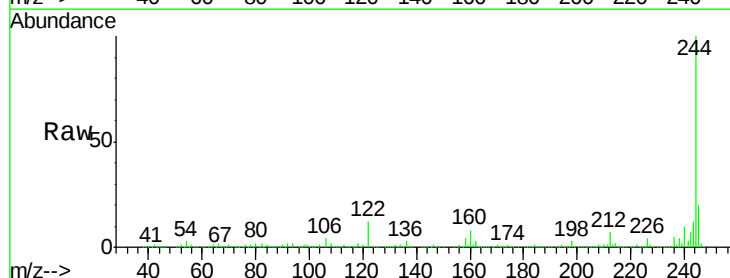
Tgt Ion:244 Resp: 1878649

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

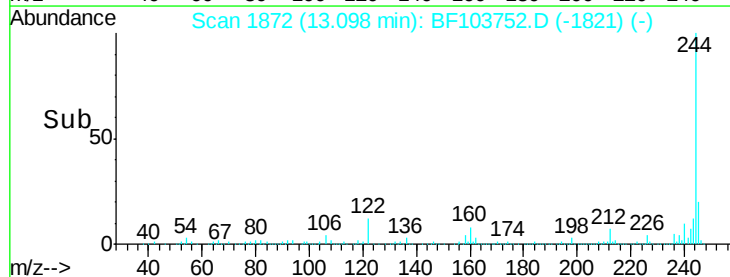
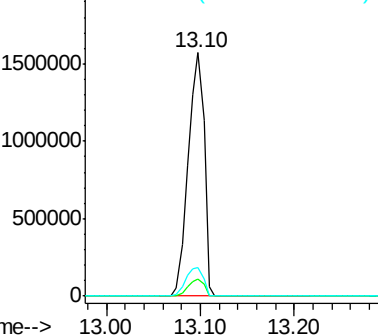
122 11.9 11.0 16.4

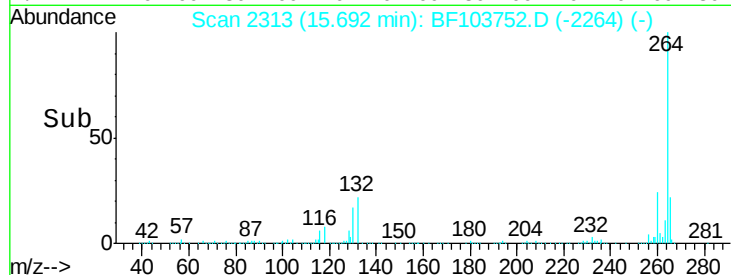
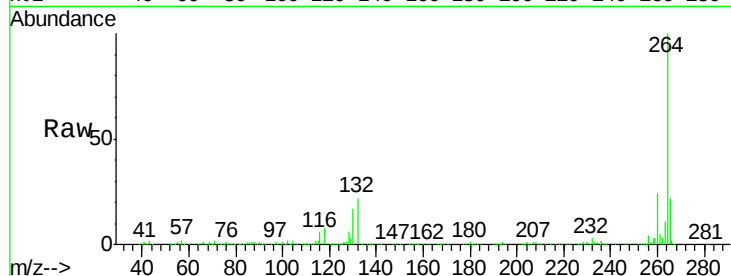
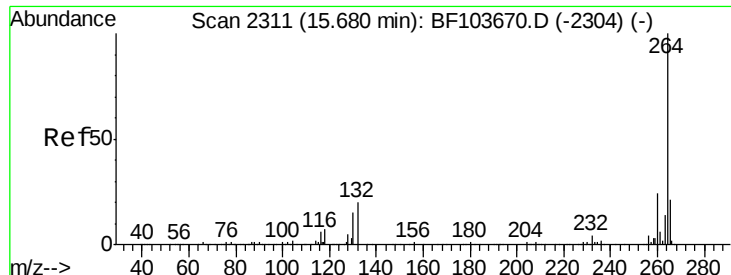


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103752.D
 Acq: 19 Mar 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-A

Tot Ion:264	Resp:	432062
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.2 28.8
265	21.7	17.5 26.3

