

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103815.D
 Acq On : 20 Mar 2018 21:02
 Operator : JU/SJ
 Sample : J1974-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YR18020063

Quant Time: Mar 21 01:59:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

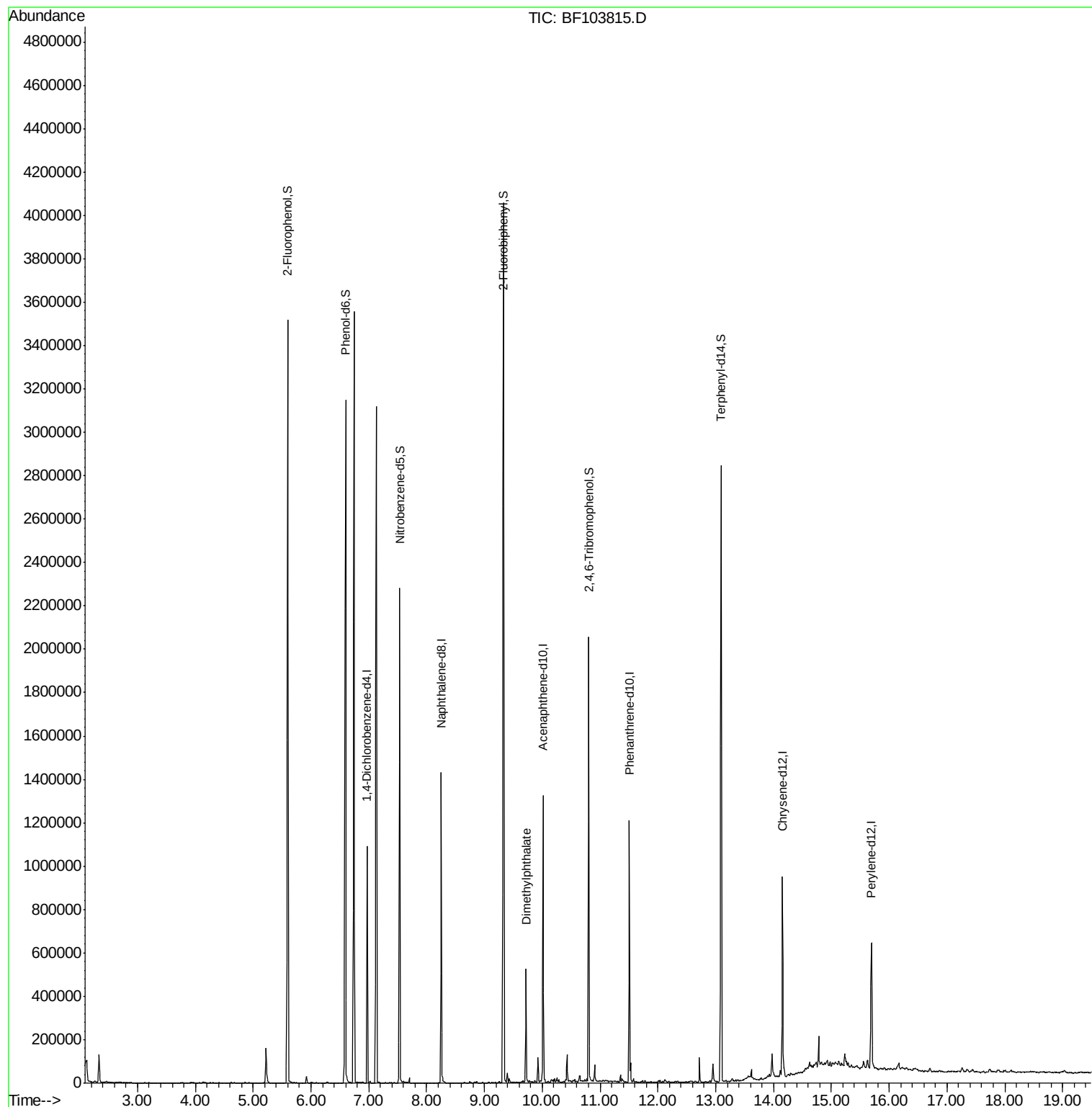
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163785	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	633711	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	270010	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	424837	20.00	ng	0.00
75) Chrysene-d12	14.16	240	286299	20.00	ng	0.00
86) Perylene-d12	15.70	264	264575	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1177422	109.34	ng	0.02
7) Phenol-d6	6.60	99	1419774	107.77	ng	0.01
23) Nitrobenzene-d5	7.53	82	873209	96.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	251915	108.51	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1321399	78.06	ng	0.00
78) Terphenyl-d14	13.09	244	965950	78.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	179385	8.708	ng	99

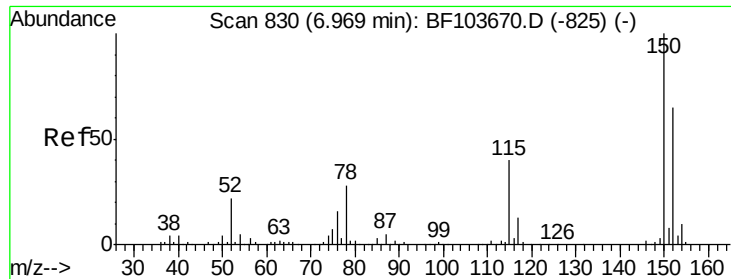
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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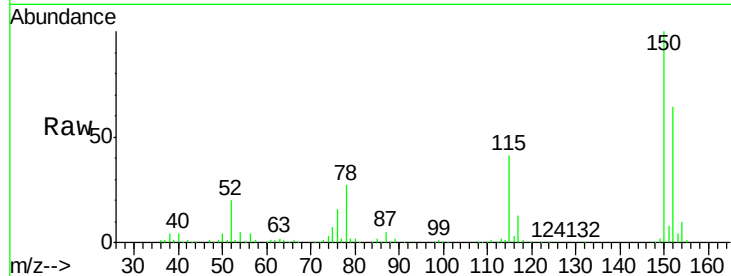


#1

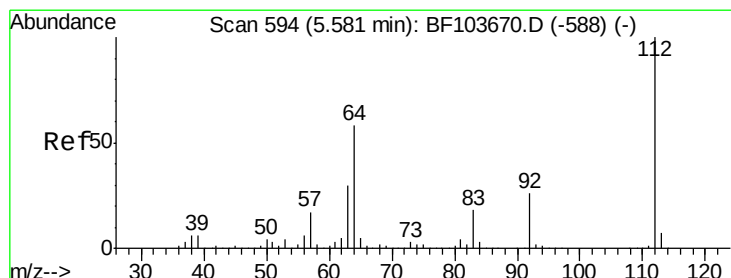
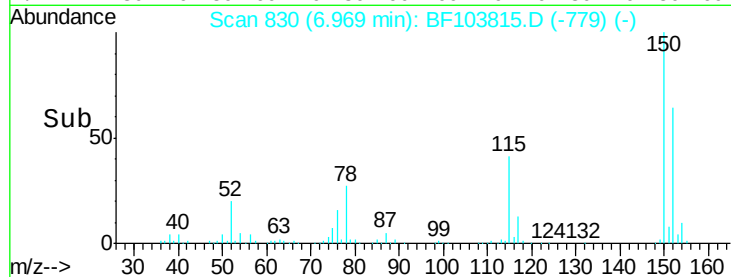
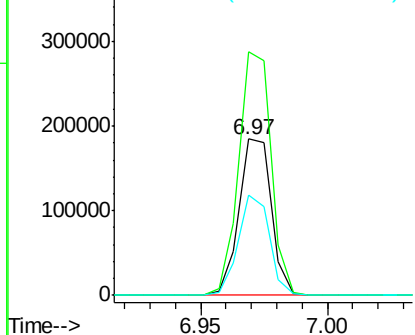
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103815.D
Acq: 20 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
YR18020063

Tot Ion:152 Resp: 163785
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 64.5 50.1 75.1



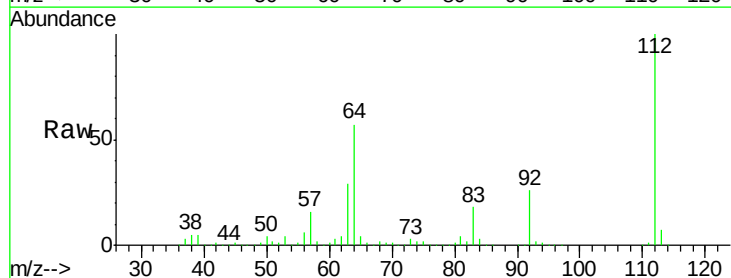
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



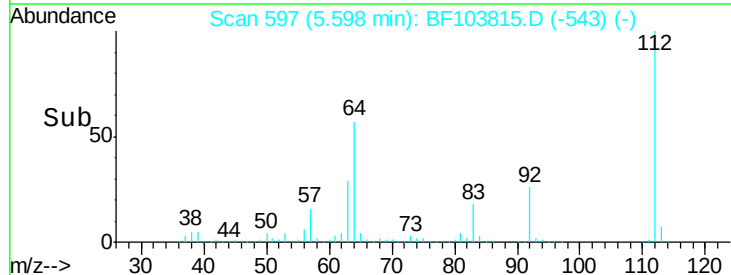
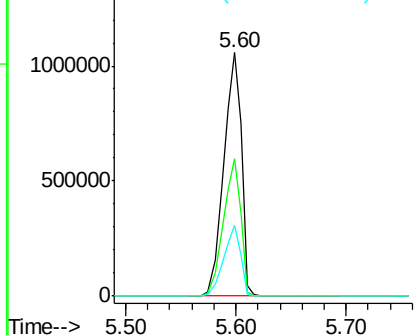
#5

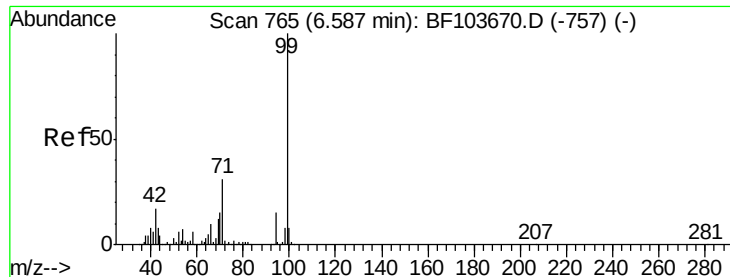
2-Fluorophenol
Concen: 109.342 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103815.D
Acq: 20 Mar 2018 21:02

Tgt Ion:112 Resp: 1177422
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.0 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: 107.769 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103815.D

Acq: 20 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

YR18020063

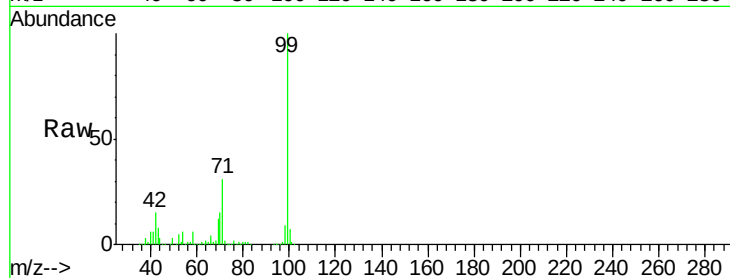
Tot Ion: 99 Resp: 1419774

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

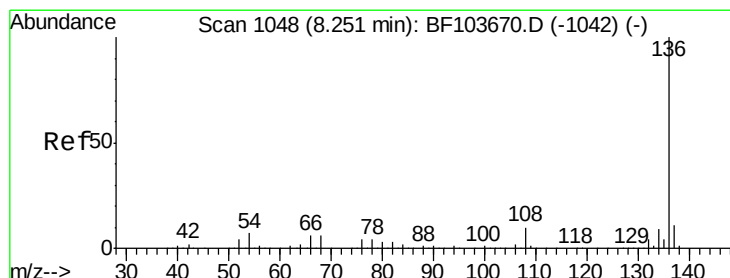
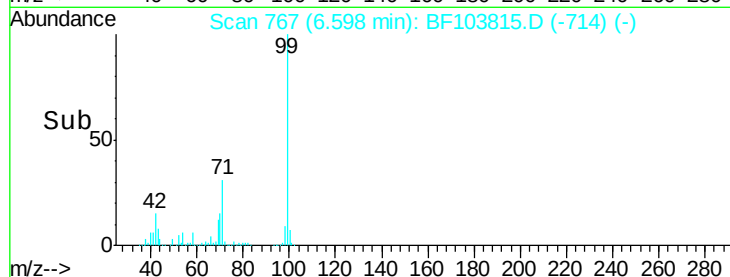
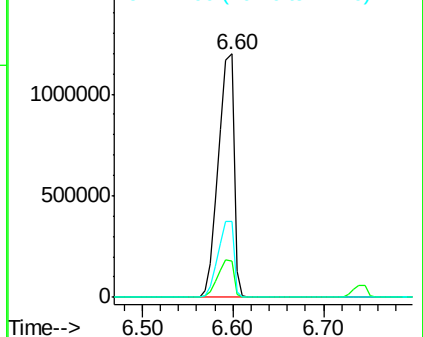
71 31.4 25.4 38.0



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. -0.00 min

Lab File: BF103815.D

Acq: 20 Mar 2018 21:02

Tgt Ion: 136 Resp: 633711

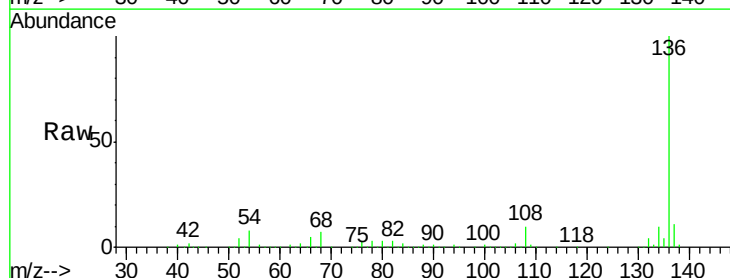
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.8 5.0 7.4

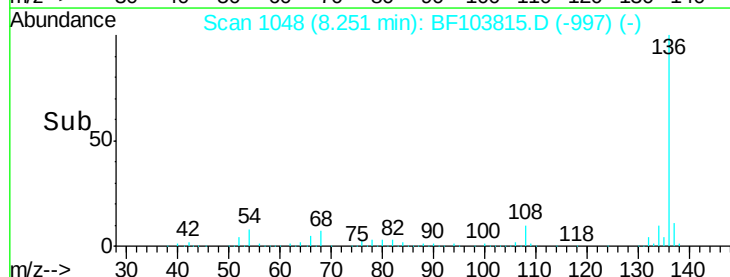
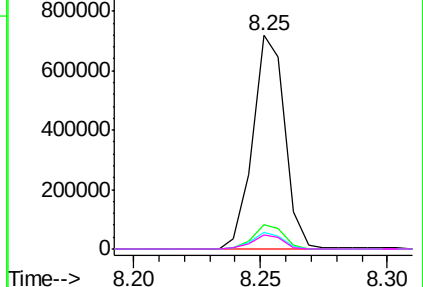


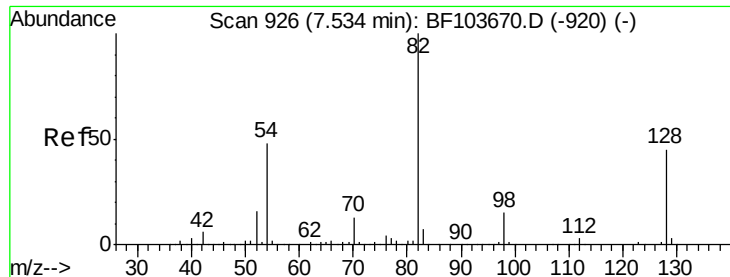
Abundance Ion 136.00 (135.70 to 136.70): E

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

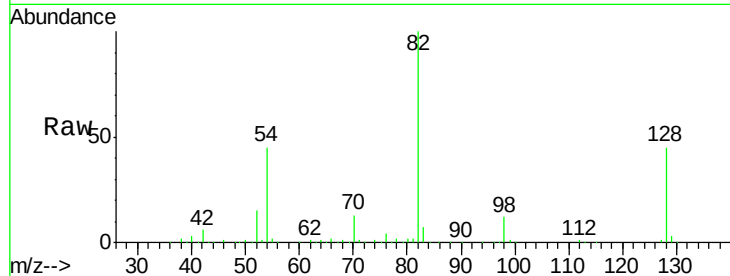




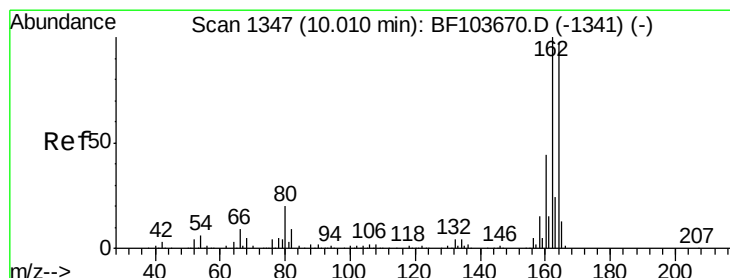
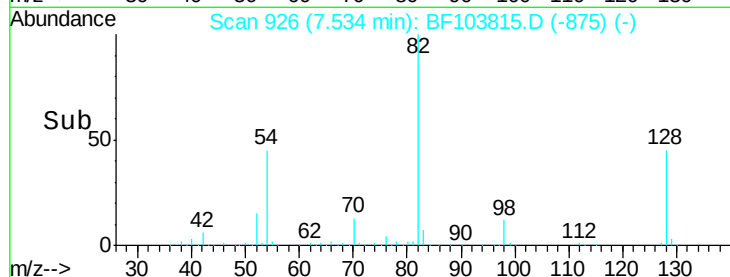
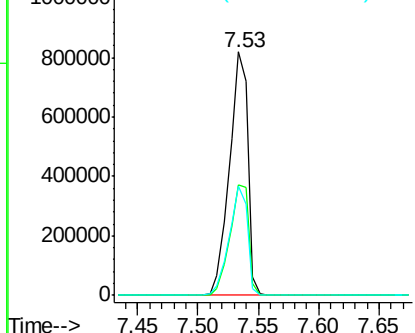
#23
 Nitrobenzene-d5
 Concen: 96.091 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103815.D
 Acq: 20 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 YR18020063

Tot Ion: 82 Resp: 873209
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 45.0 41.4 62.2

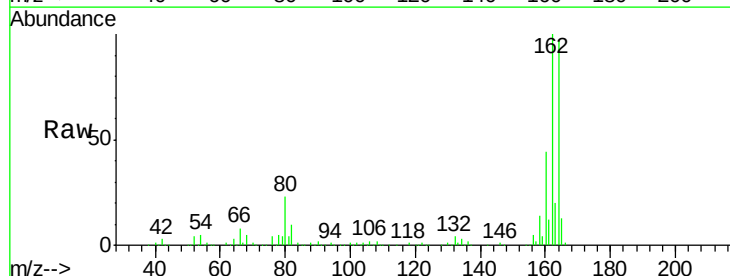


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

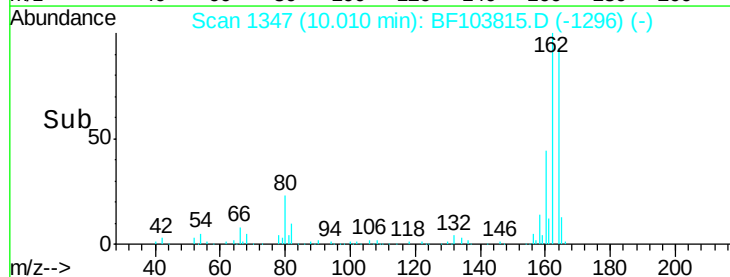
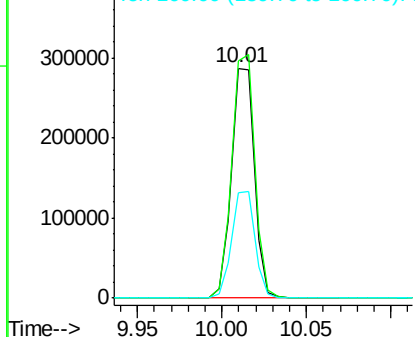


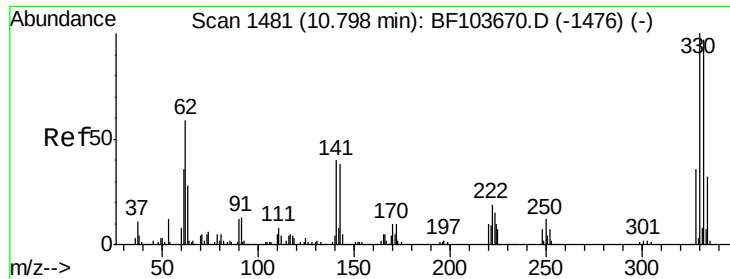
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103815.D
 Acq: 20 Mar 2018 21:02

Tgt Ion:164 Resp: 270010
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.6 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: 108.511 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103815.D

Acq: 20 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

YR18020063

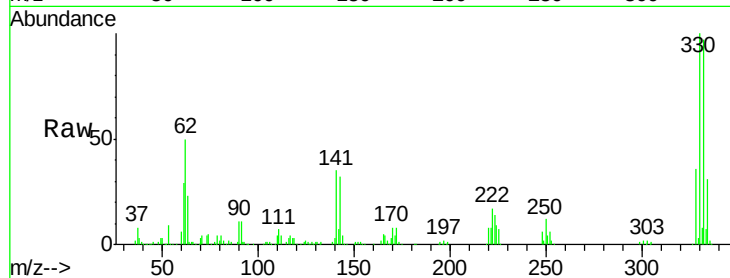
Tot Ion:330 Resp: 251915

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

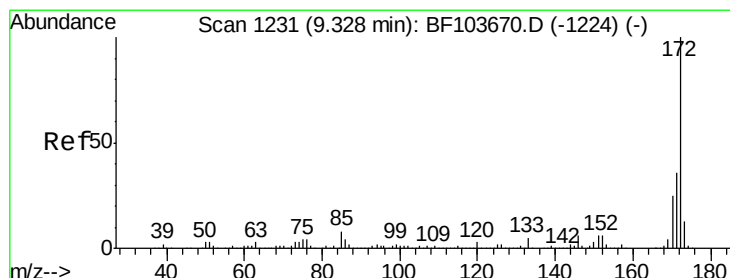
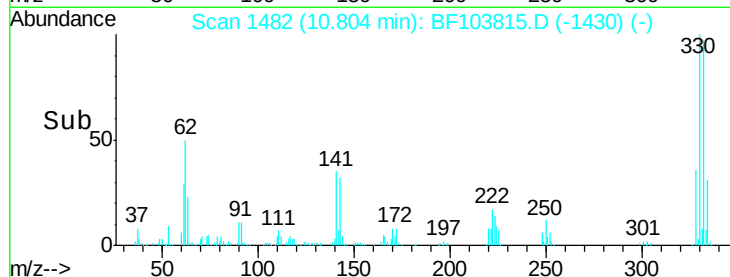
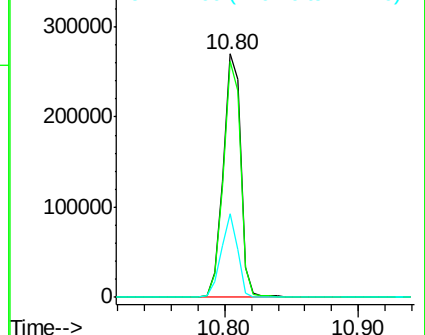
141 32.5 29.9 44.9



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: 78.065 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103815.D

Acq: 20 Mar 2018 21:02

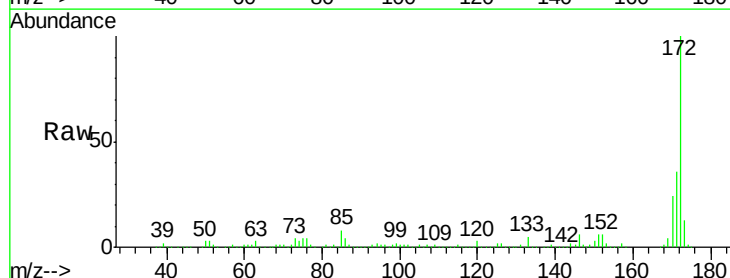
Tgt Ion:172 Resp: 1321399

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

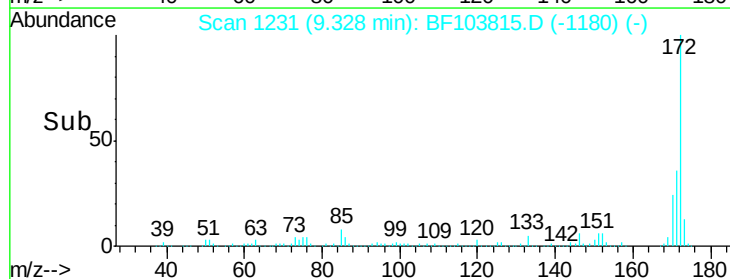
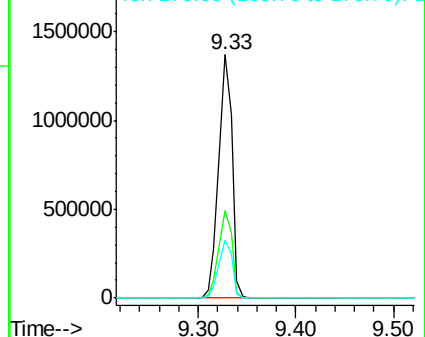
170 23.9 19.6 29.4

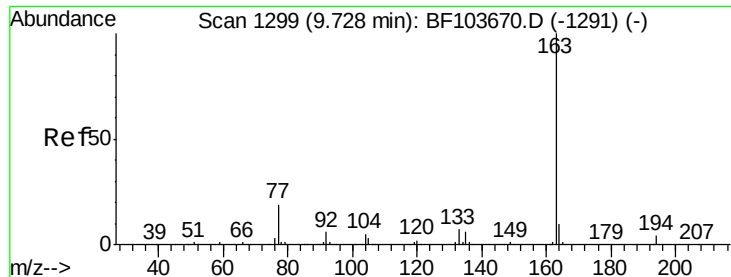


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

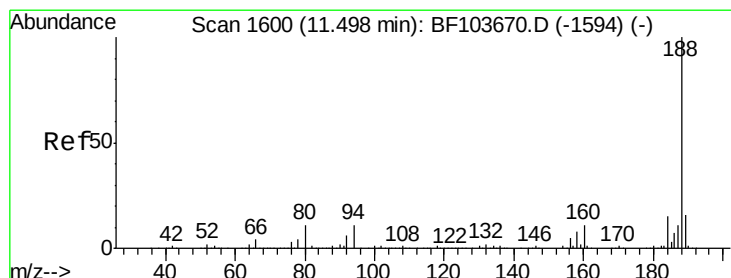
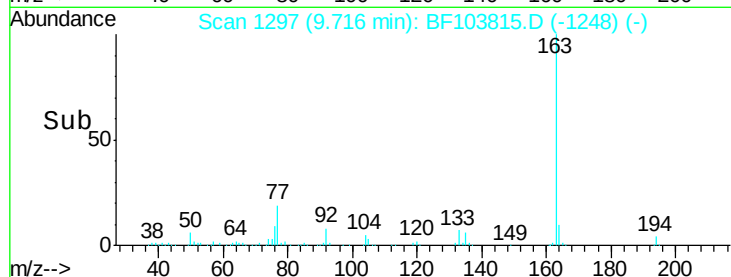
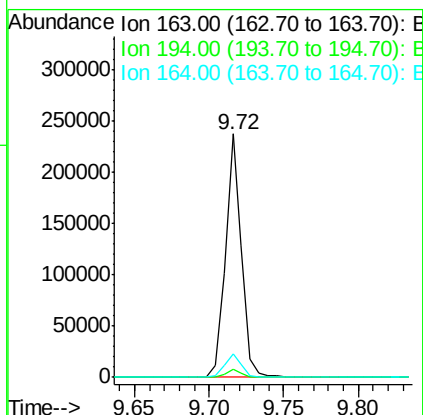
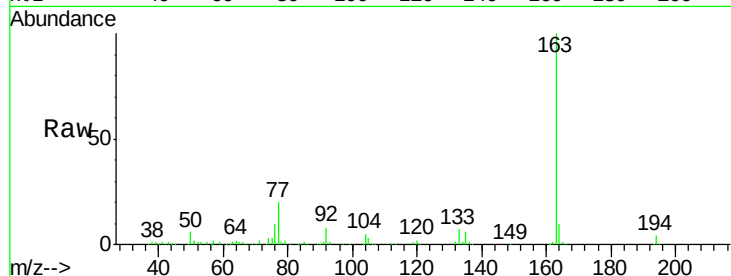




#49
Dimethylphthalate
Concen: 8.708 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103815.D
Acq: 20 Mar 2018 21:02

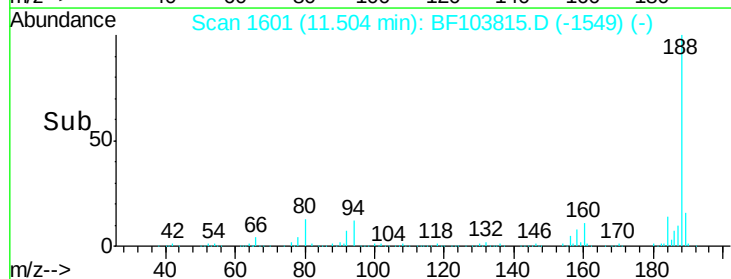
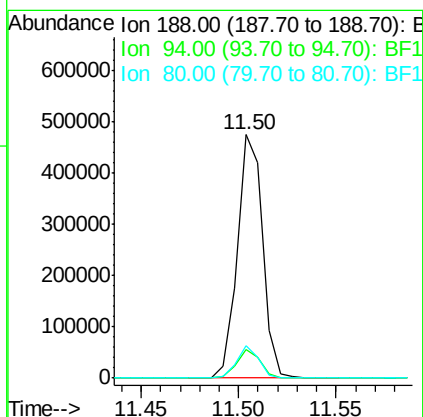
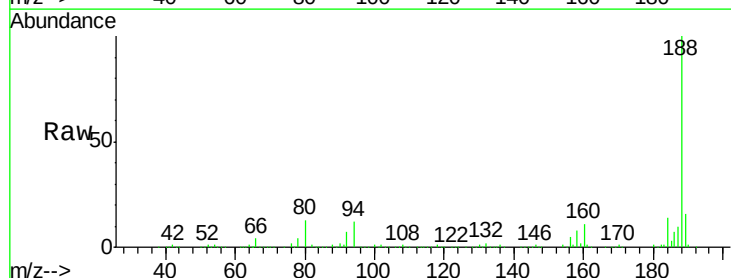
Instrument :
BNA_F
ClientSampleId :
YR18020063

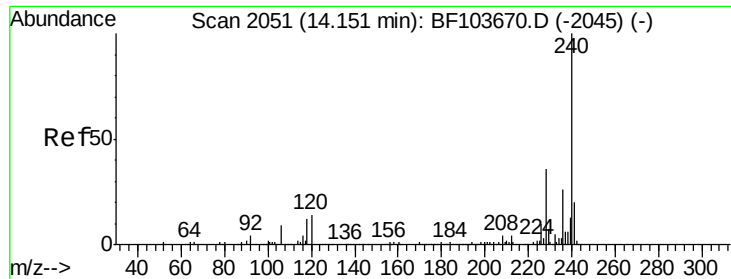
Tot Ion:163 Resp: 179385
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103815.D
Acq: 20 Mar 2018 21:02

Tgt Ion:188 Resp: 424837
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 13.1 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: BF103815.D

Acq: 20 Mar 2018 21:02

Instrument :

BNA_F

ClientSampleId :

YR18020063

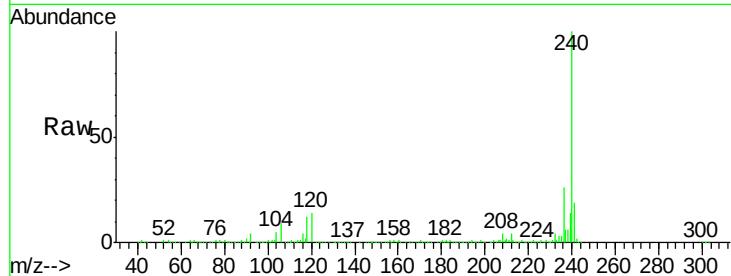
Tot Ion:240 Resp: 286299

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

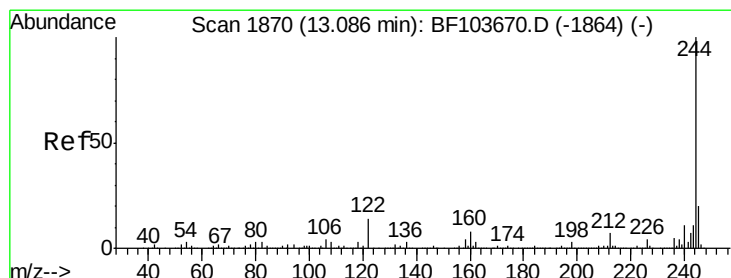
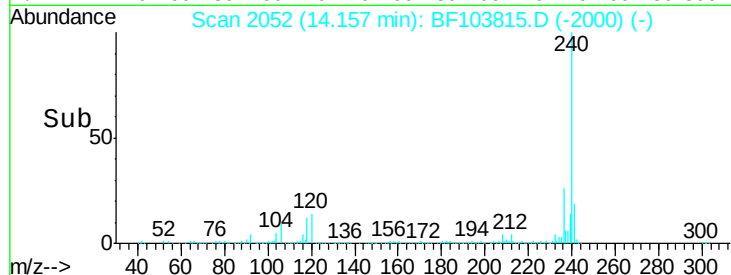
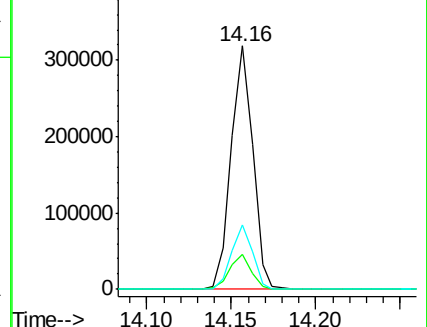
236 26.2 20.7 31.1



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: 78.314 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103815.D

Acq: 20 Mar 2018 21:02

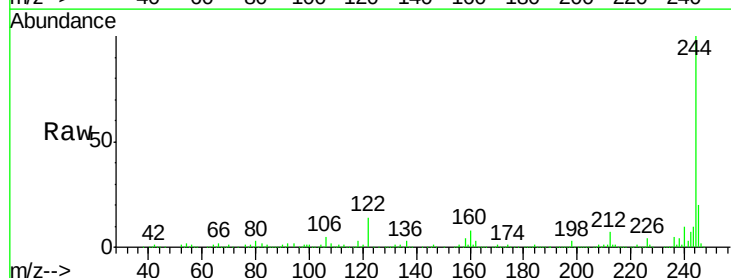
Tgt Ion:244 Resp: 965950

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

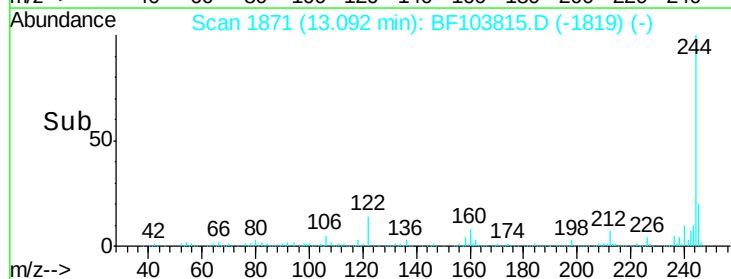
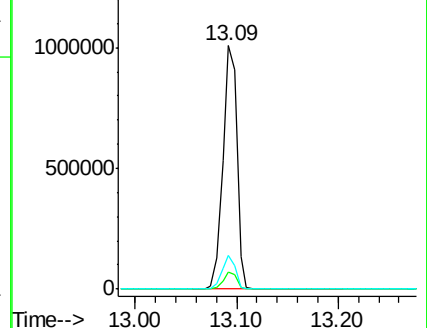
122 13.7 11.0 16.4

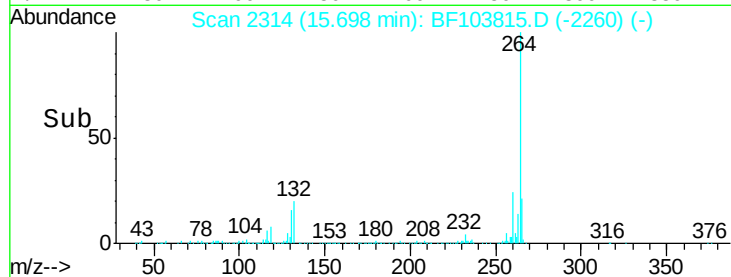
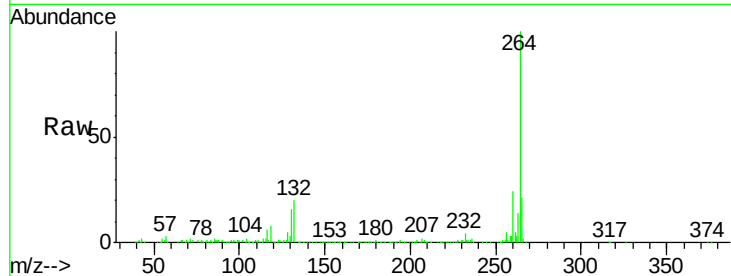
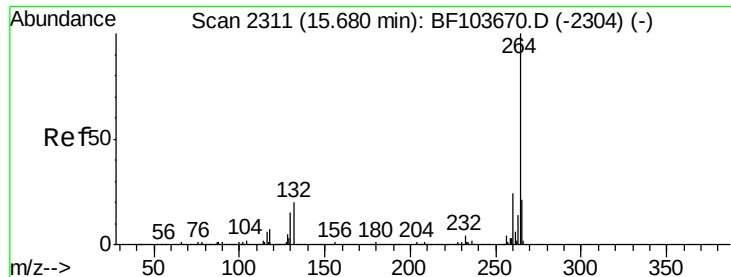


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103815.D
Acq: 20 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
YR18020063

Tot Ion:	264	Resp:	264575
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3

