

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103922.D
 Acq On : 26 Mar 2018 13:31
 Operator : JU/SJ
 Sample : J1994-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031918

Quant Time: Mar 27 07:53:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

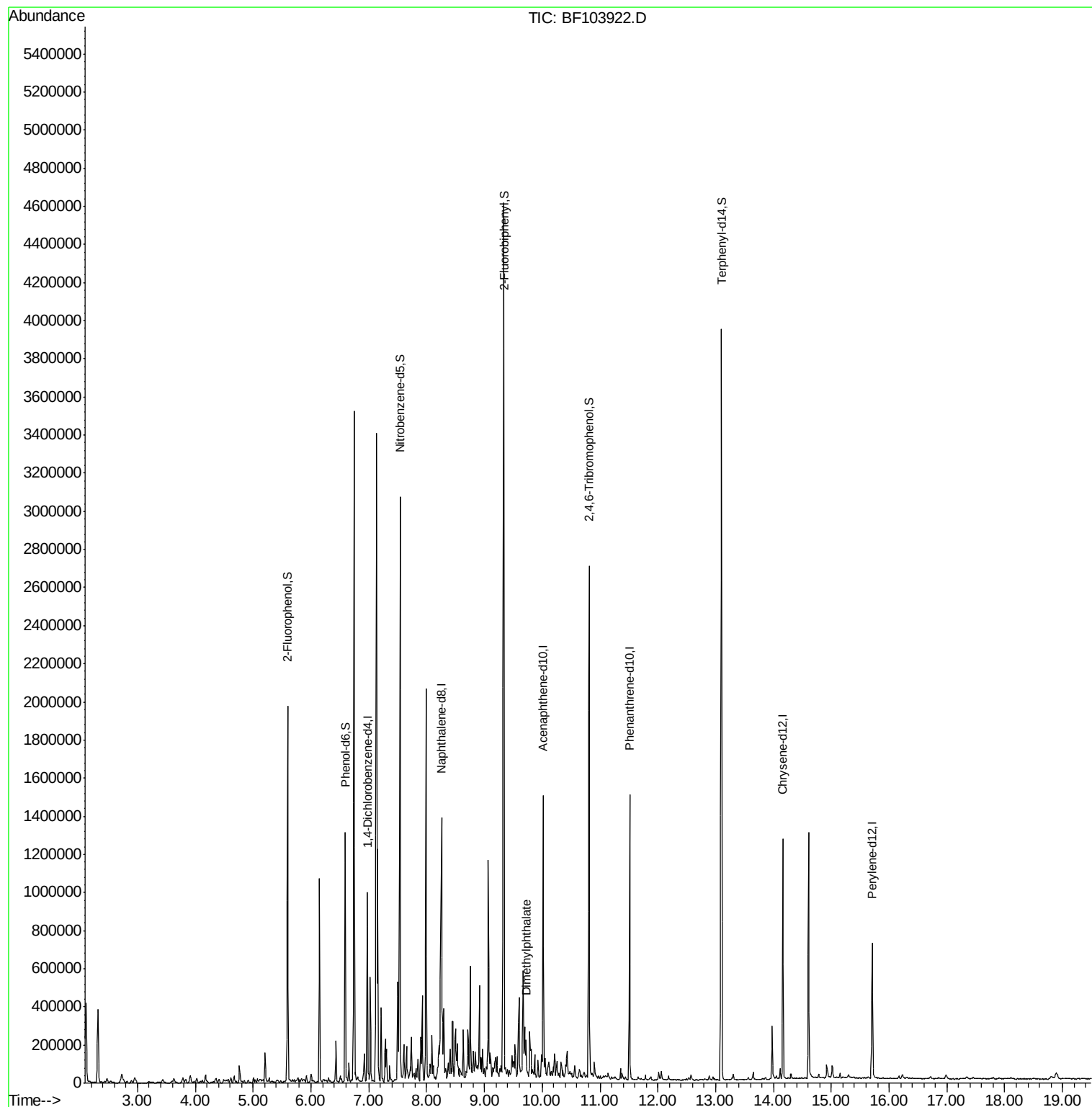
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146491	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	587186	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	282484	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	506212	20.00	ng	0.00
75) Chrysene-d12	14.16	240	413398	20.00	ng	0.00
86) Perylene-d12	15.71	264	337724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	614212	63.77	ng	0.00
7) Phenol-d6	6.59	99	461121	39.13	ng	0.00
23) Nitrobenzene-d5	7.54	82	953879	113.29	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	404292	166.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1614164	91.15	ng	0.00
78) Terphenyl-d14	13.10	244	1645656	92.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	66370	3.080	ng	Qvalue 100

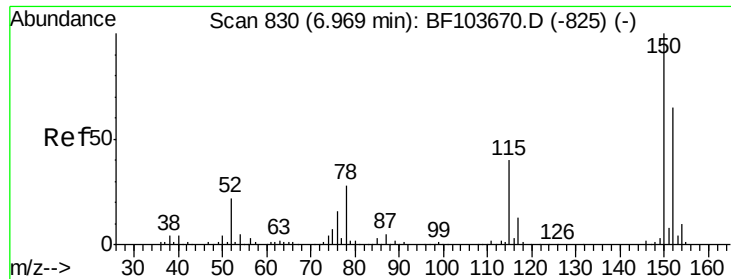
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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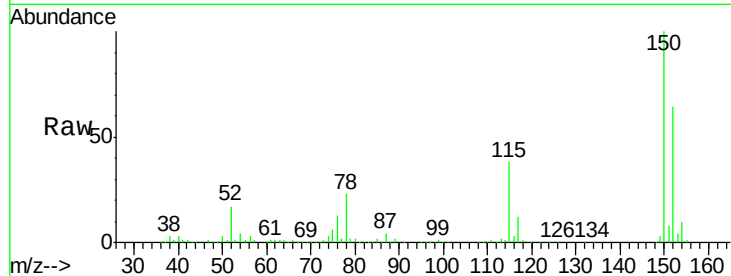


#1

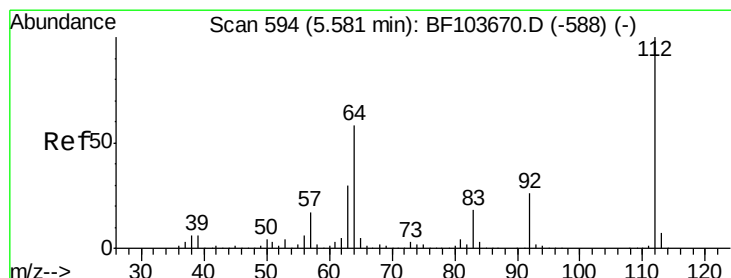
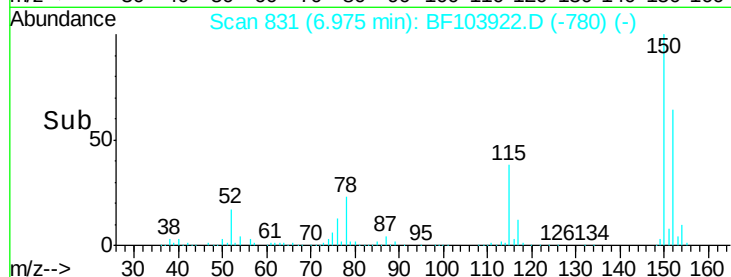
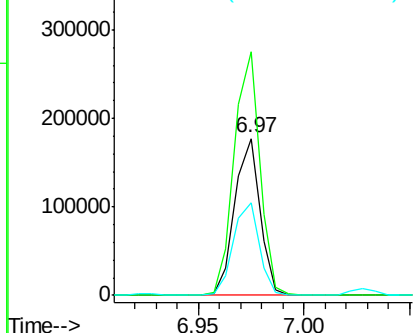
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103922.D
Acq: 26 Mar 2018 13:31

Instrument :
BNA_F
ClientSampleId :
DUP-031918

Tot Ion:152 Resp: 146491
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.0 50.1 75.1



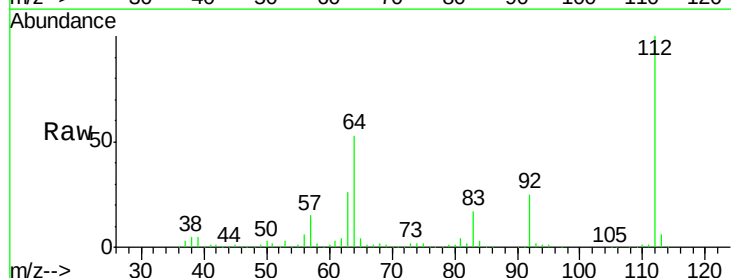
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



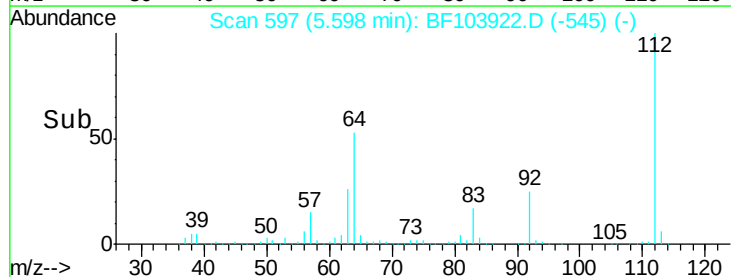
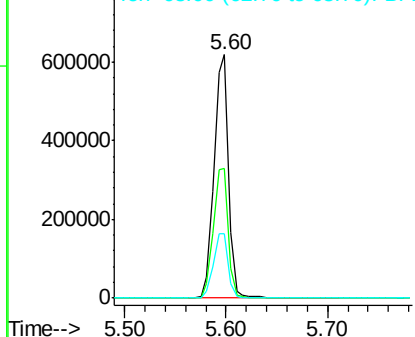
#5

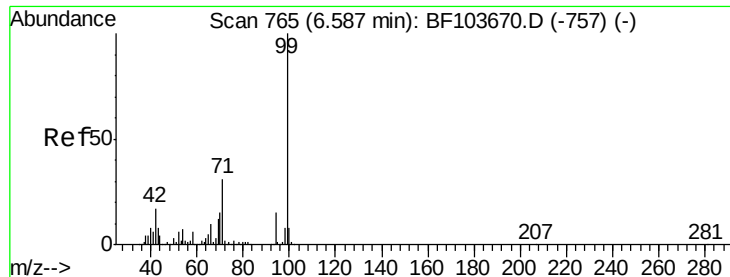
2-Fluorophenol
Concen: 63.773 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103922.D
Acq: 26 Mar 2018 13:31

Tgt Ion:112 Resp: 614212
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 26.5 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: 39.134 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

Instrument :

BNA_F

ClientSampleId :

DUP-031918

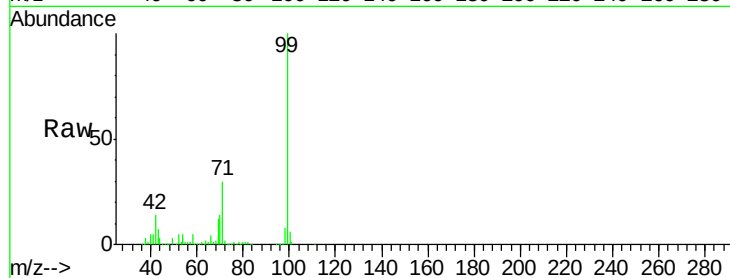
Tot Ion: 99 Resp: 461121

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

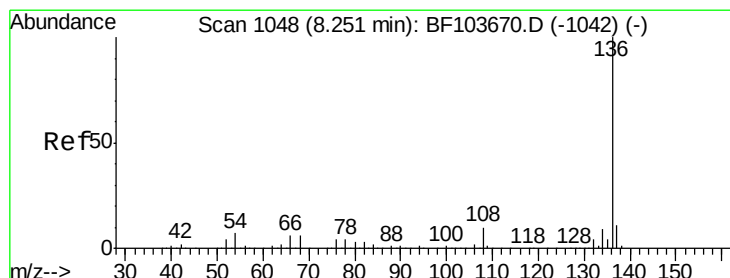
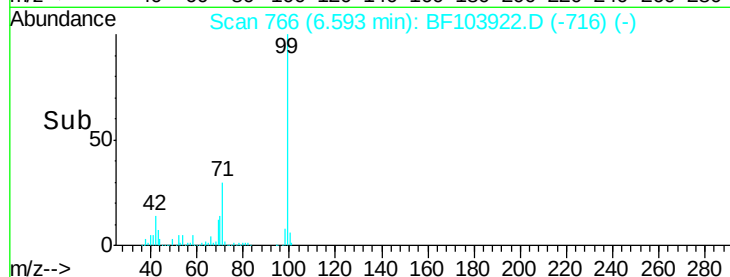
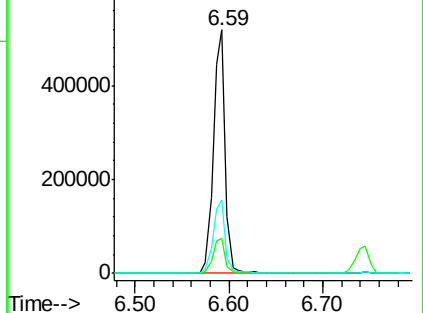
71 30.4 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

Tgt Ion: 136 Resp: 587186

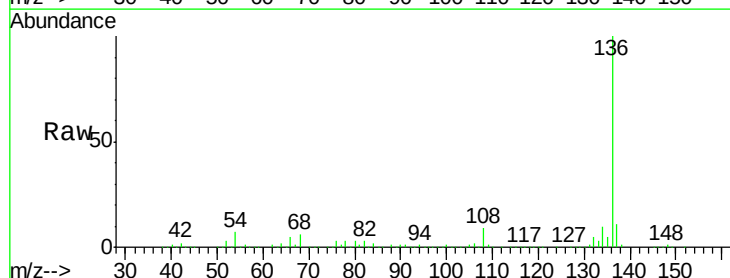
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

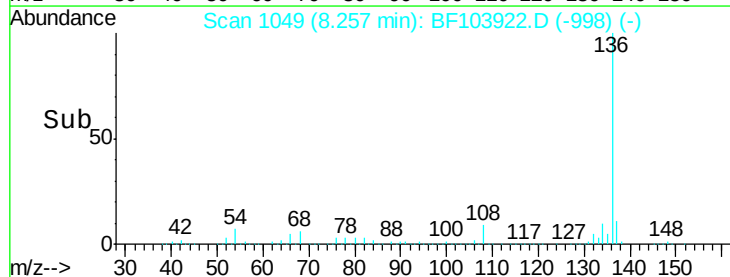
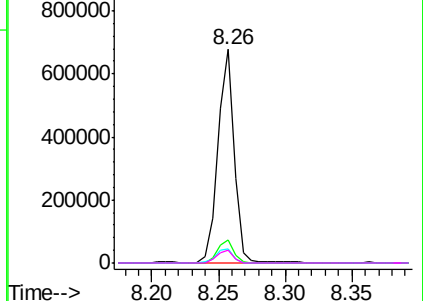


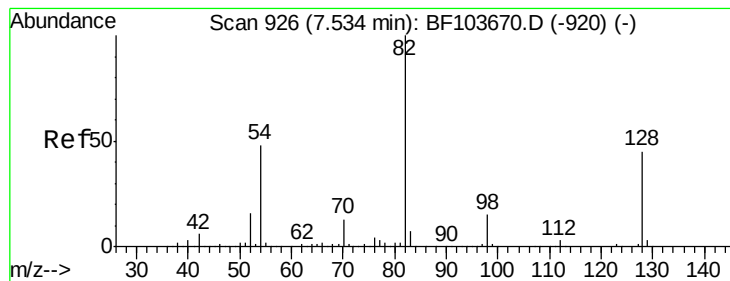
Abundance Ion 136.00 (135.70 to 136.70): E

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: 113.285 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

Instrument :

BNA_F

ClientSampleId :

DUP-031918

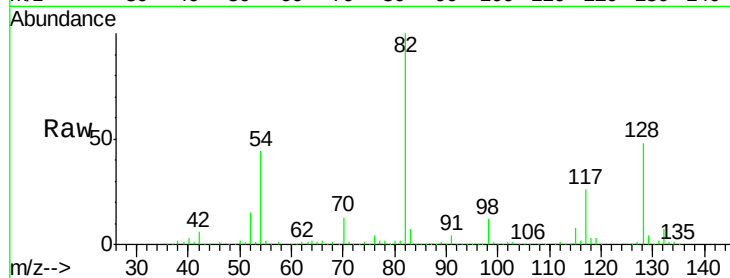
Tot Ion: 82 Resp: 953879

Ion Ratio Lower Upper

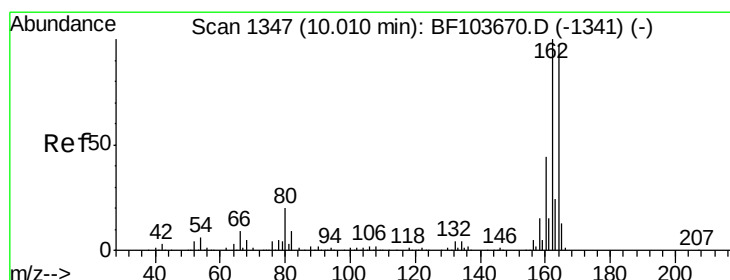
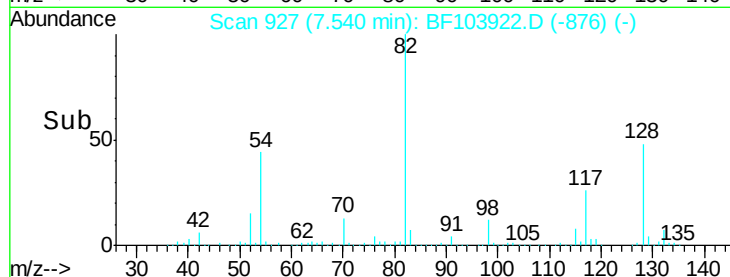
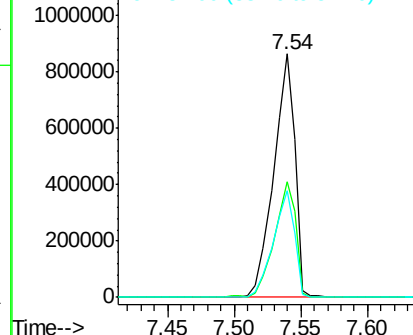
82 100

128 47.6 36.1 54.1

54 44.1 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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

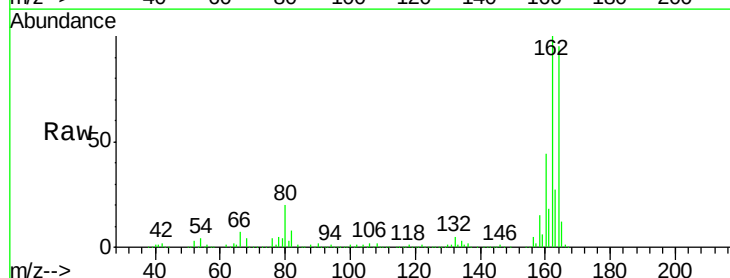
Tgt Ion:164 Resp: 282484

Ion Ratio Lower Upper

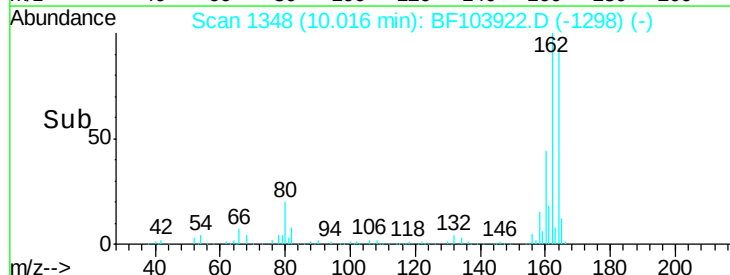
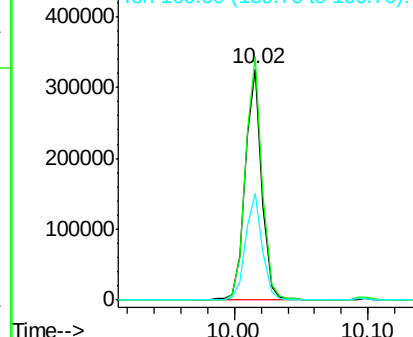
164 100

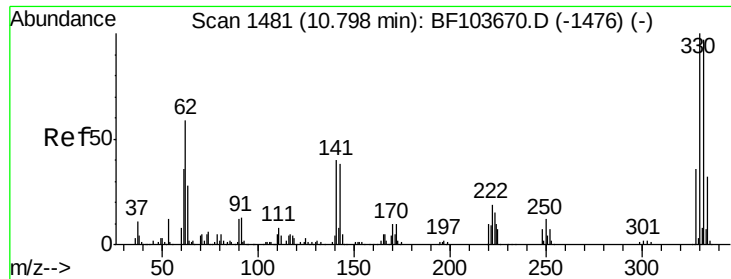
162 105.2 86.1 129.1

160 46.0 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

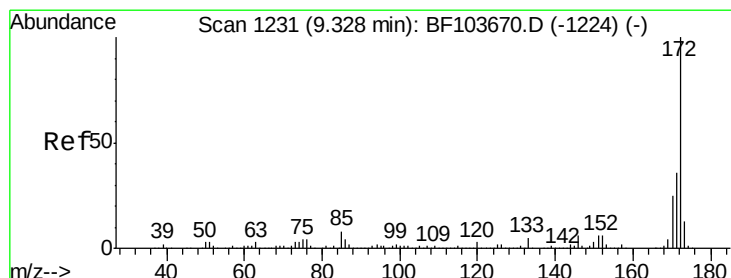
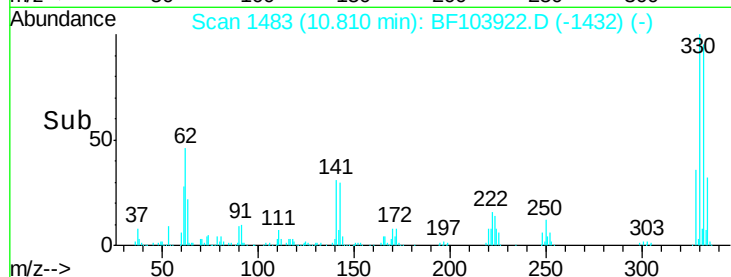
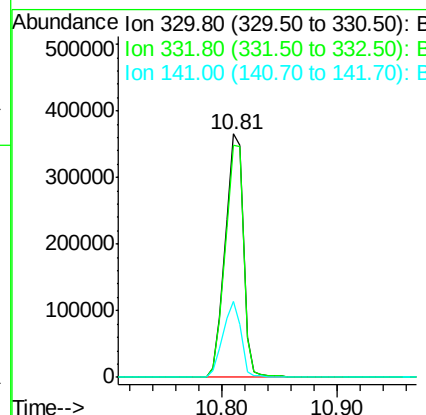
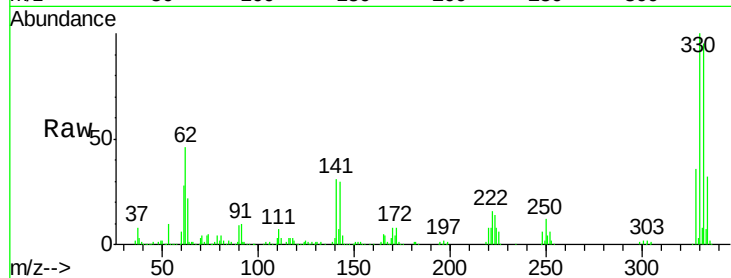




#41
 2,4,6-Tribromophenol
 Concen: 166.456 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103922.D
 Acq: 26 Mar 2018 13:31

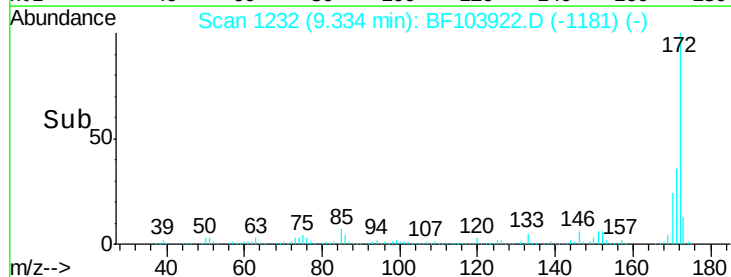
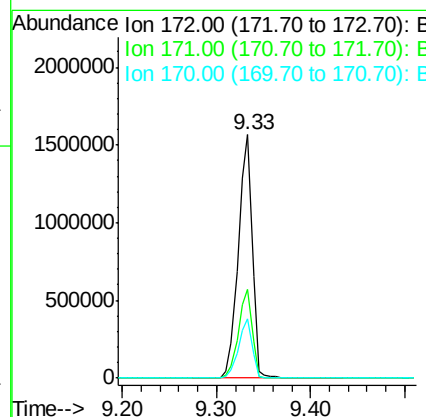
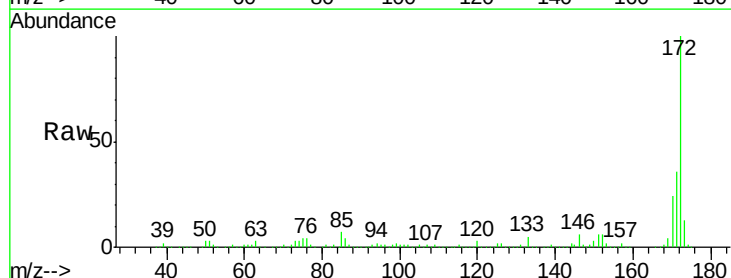
Instrument :
 BNA_F
 ClientSampleId :
 DUP-031918

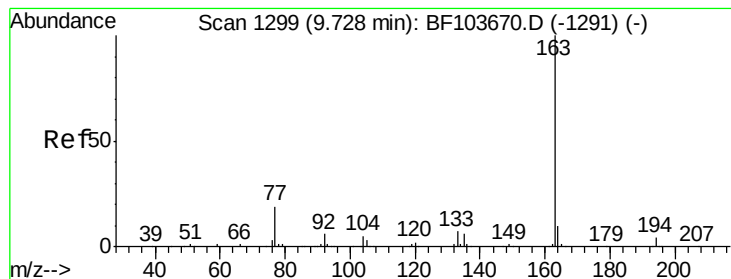
Tot Ion:330 Resp: 404292
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 31.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.150 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103922.D
 Acq: 26 Mar 2018 13:31

Tgt Ion:172 Resp: 1614164
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4





#49

Dimethylphthalate

Concen: 3.080 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

Instrument :

BNA_F

ClientSampleId :

DUP-031918

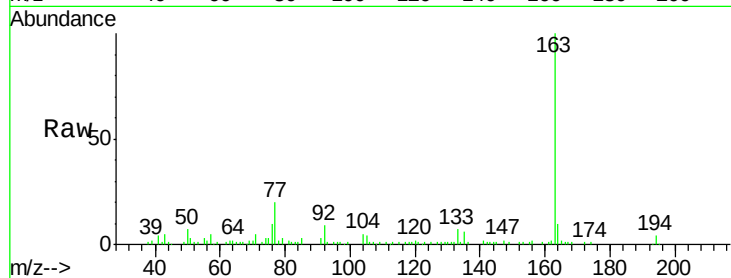
Tot Ion:163 Resp: 66370

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

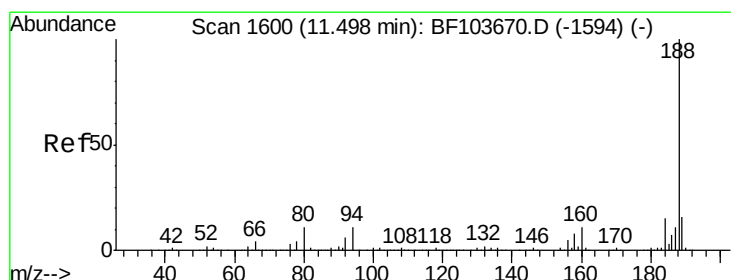
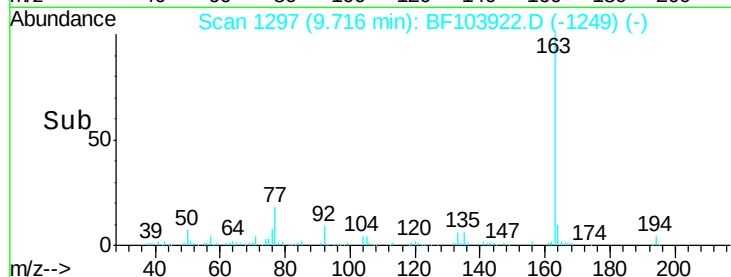
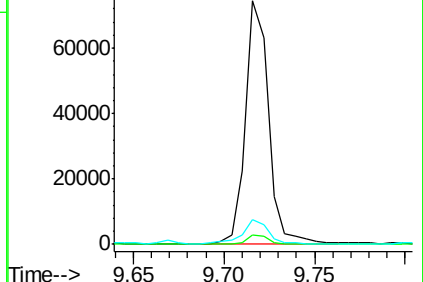
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

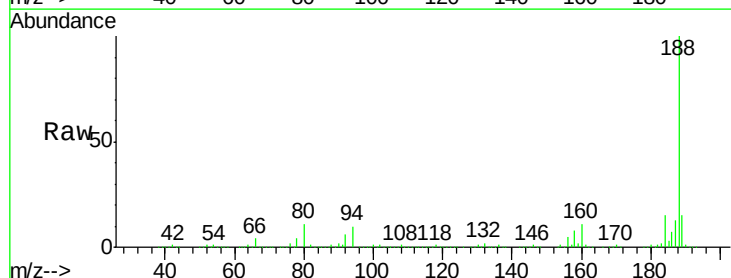
Tgt Ion:188 Resp: 506212

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

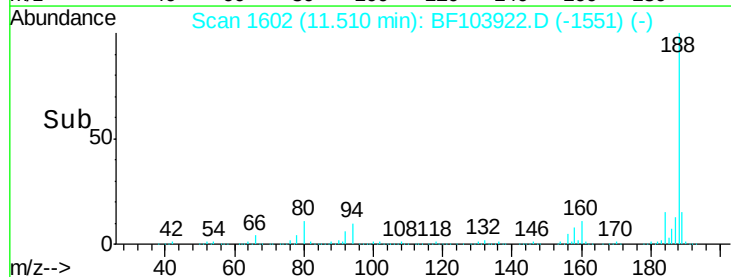
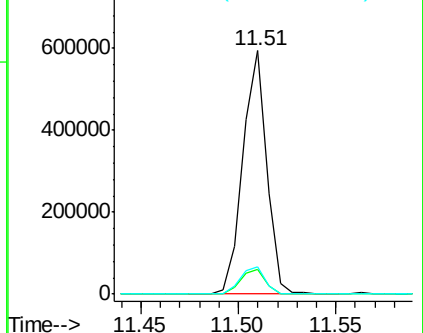
80 11.1 9.2 13.8

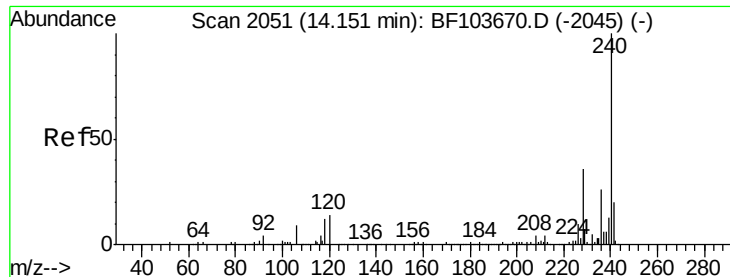


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

Instrument :

BNA_F

ClientSampleId :

DUP-031918

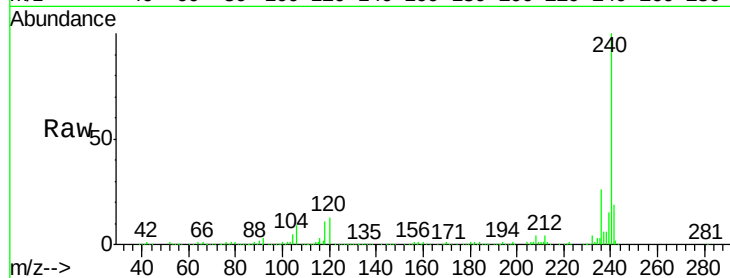
Tot Ion:240 Resp: 413398

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

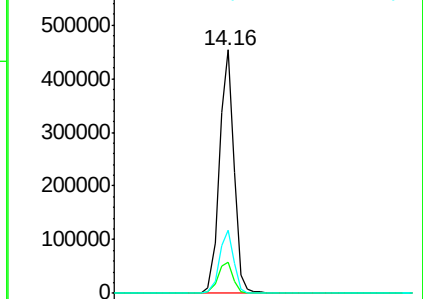
236 26.0 20.7 31.1



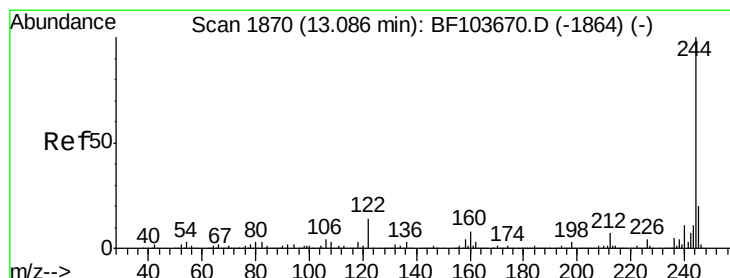
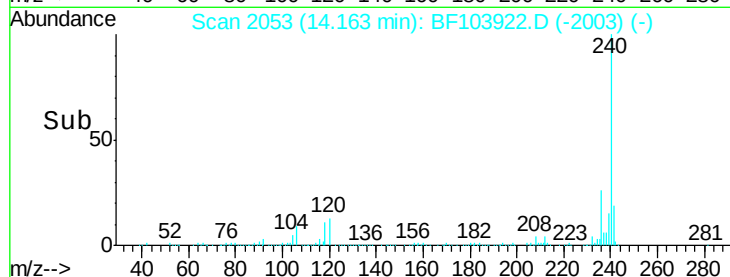
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 92.400 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103922.D

Acq: 26 Mar 2018 13:31

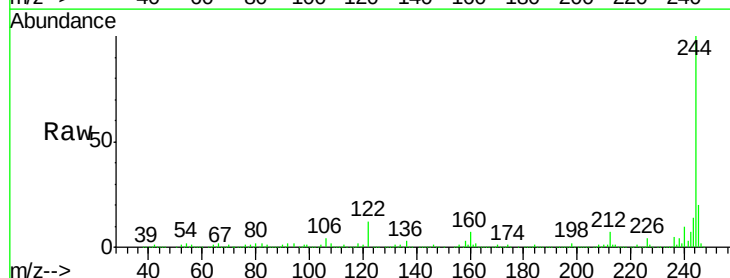
Tgt Ion:244 Resp: 1645656

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

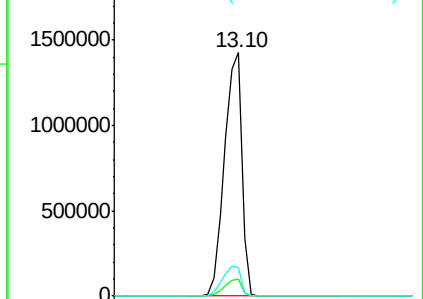
122 11.6 11.0 16.4



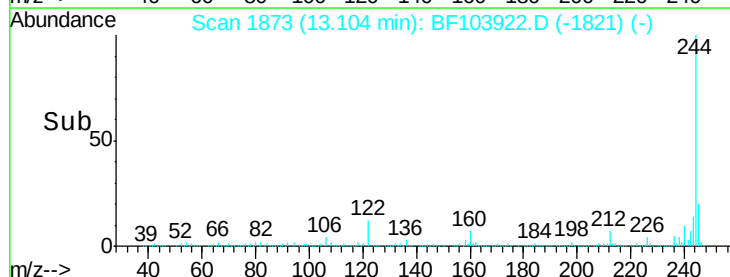
Abundance Ion 244.00 (243.70 to 244.70): E

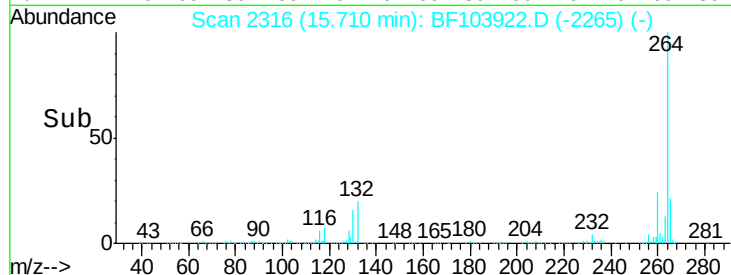
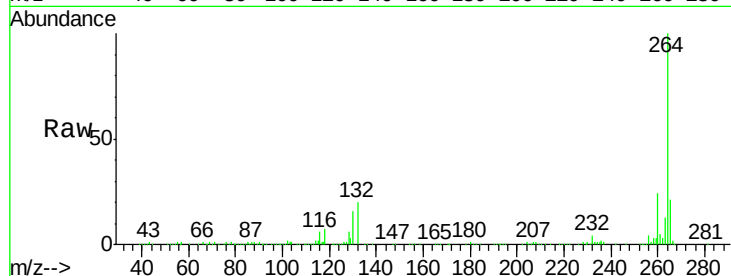
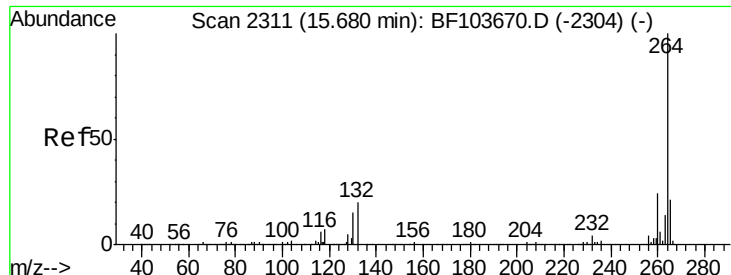
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BF103922.D
 Acq: 26 Mar 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 DUP-031918

Tot Ion:	264	Resp:	337724
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

