

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103871.D
 Acq On : 23 Mar 2018 11:15
 Operator : JU/SJ
 Sample : J1993-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-MH-A

Quant Time: Mar 23 14:09:54 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

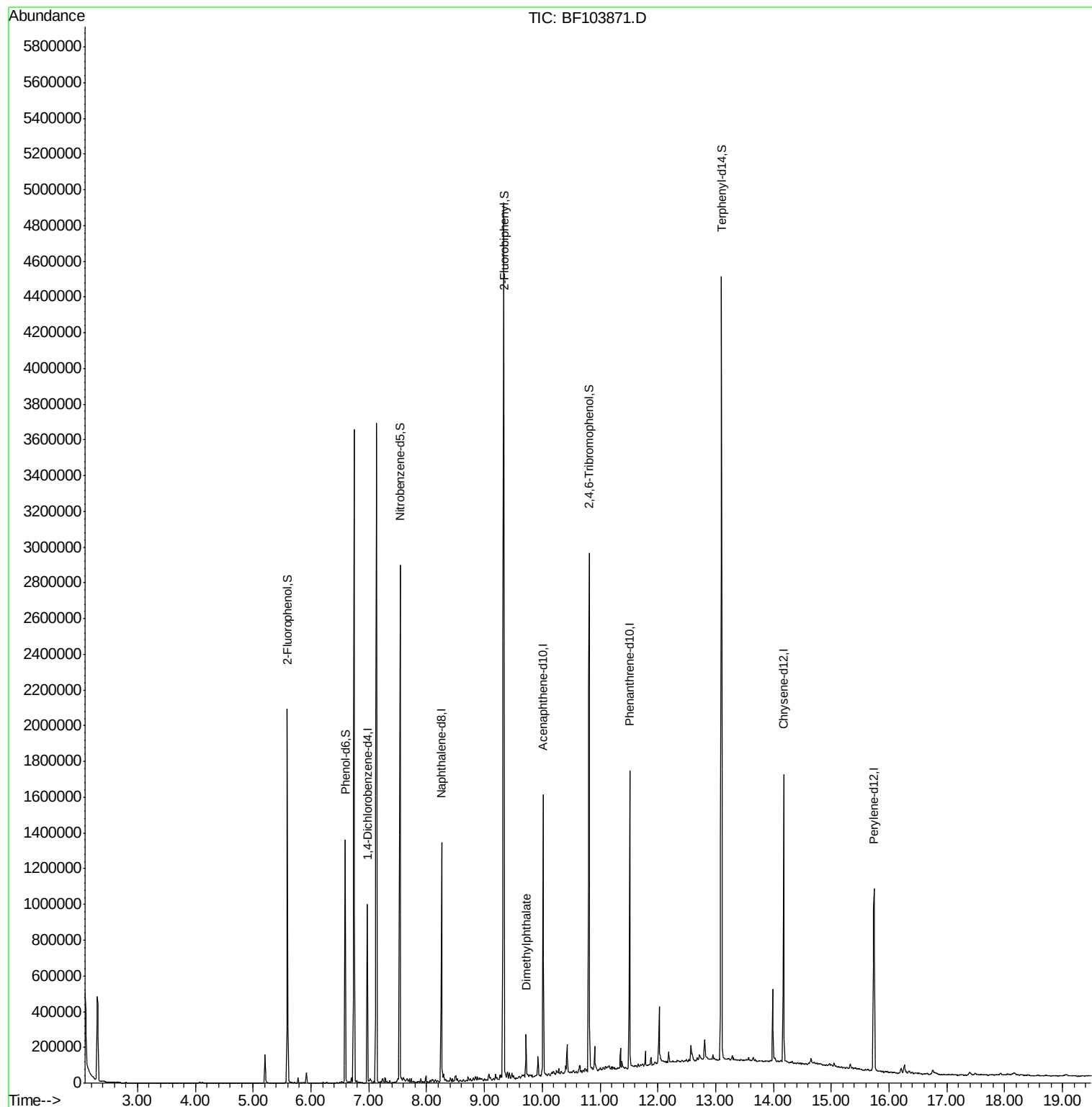
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157160	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	634570	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	302543	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	567814	20.00	ng	0.00
75) Chrysene-d12	14.17	240	529333	20.00	ng	0.00
86) Perylene-d12	15.74	264	477015	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	640896	62.03	ng	0.00
7) Phenol-d6	6.59	99	494947	39.15	ng	0.00
23) Nitrobenzene-d5	7.54	82	1042814	114.60	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	448477	172.41	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1742393	91.87	ng	0.00
78) Terphenyl-d14	13.10	244	1853977	81.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	83070	3.599	ng	Qvalue 100

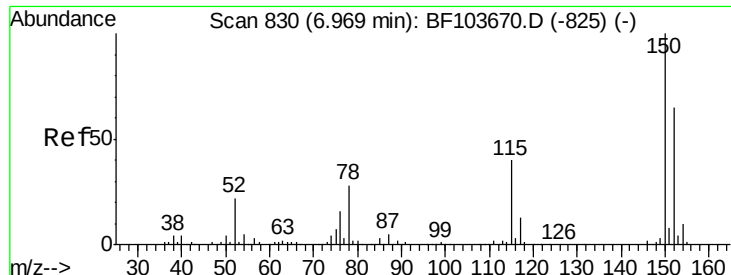
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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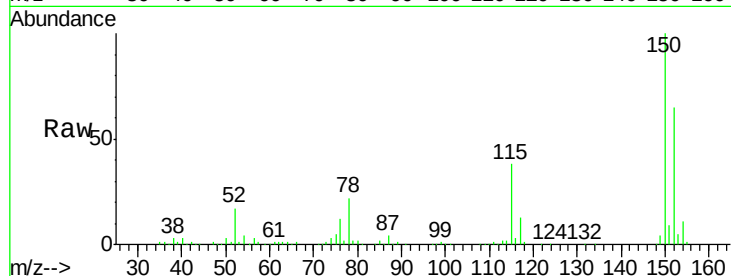


#1

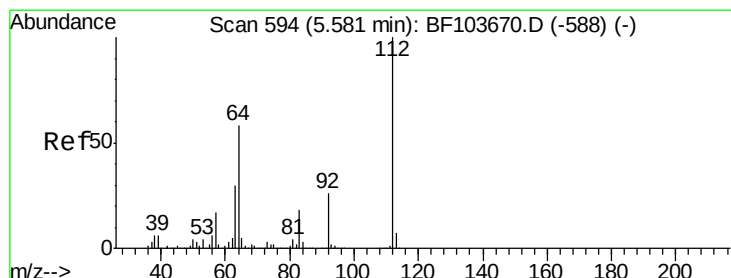
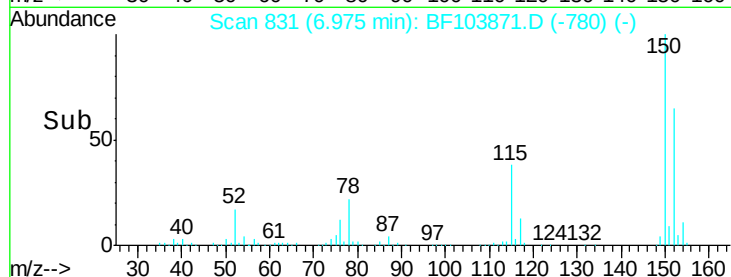
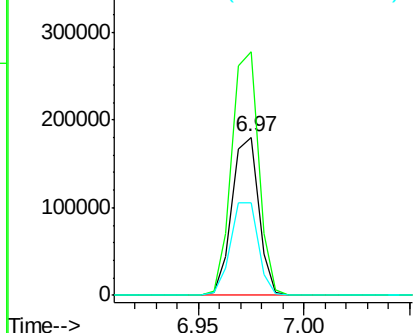
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF103871.D
 Acq: 23 Mar 2018 11:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-MH-A

Tot Ion:152 Resp: 157160
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 58.3 50.1 75.1



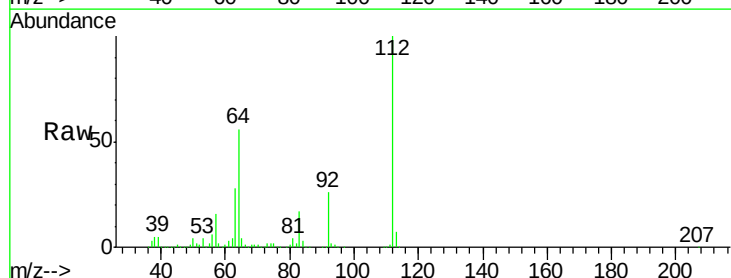
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



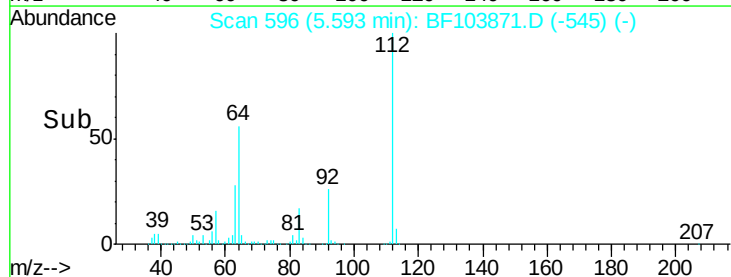
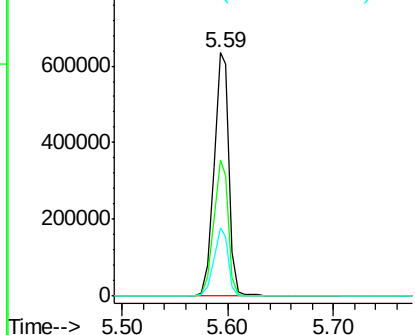
#5

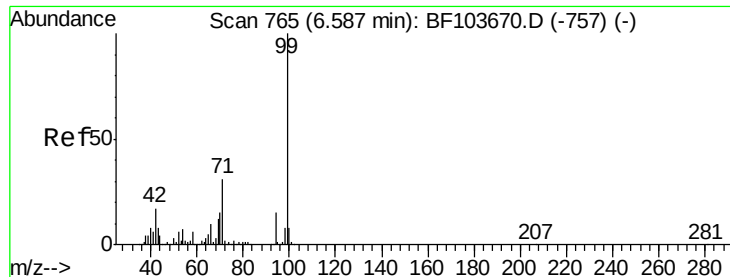
2-Fluorophenol
 Concen: 62.026 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF103871.D
 Acq: 23 Mar 2018 11:15

Tgt Ion:112 Resp: 640896
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.9 71.9
 63 28.3 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: 39.153 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103871.D

Acq: 23 Mar 2018 11:15

Instrument :

BNA_F

ClientSampleId :

TP-6-MH-A

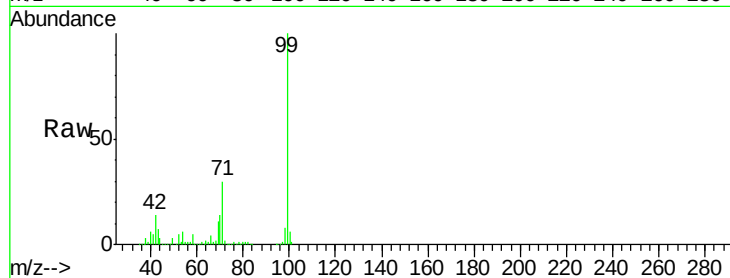
Tot Ion: 99 Resp: 494947

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

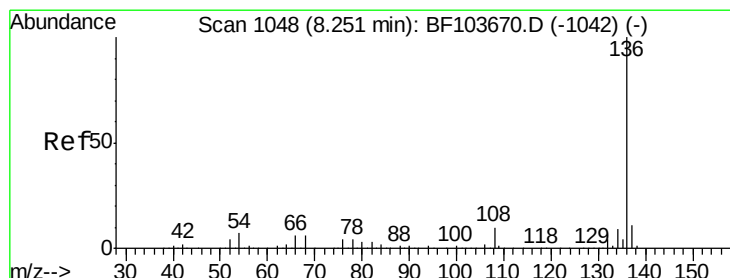
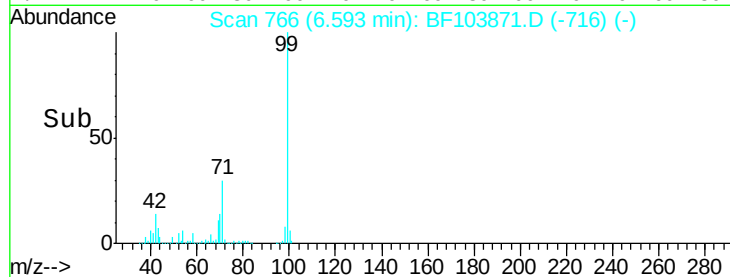
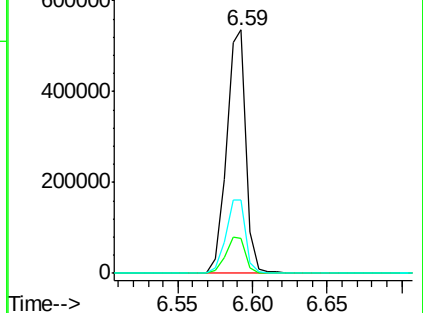
71 30.0 25.4 38.0



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: BF103871.D

Acq: 23 Mar 2018 11:15

Tgt Ion: 136 Resp: 634570

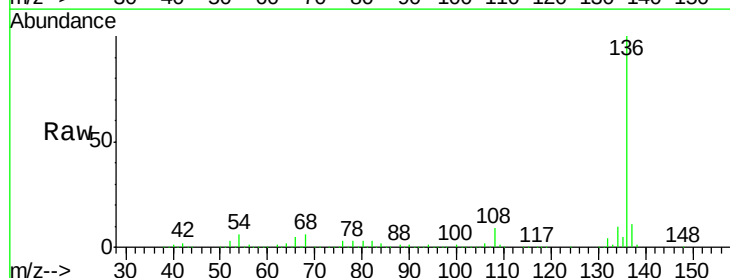
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

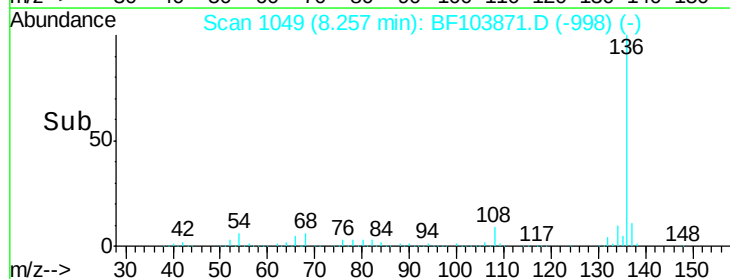
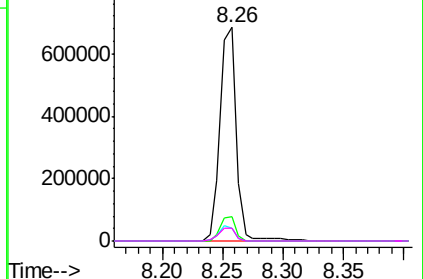


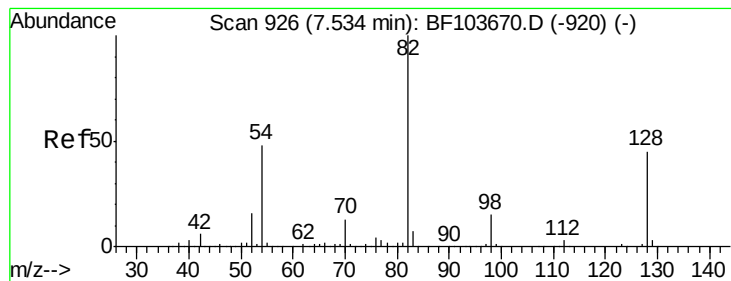
Abundance Ion 136.00 (135.70 to 136.70): E

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: 114.600 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF103871.D

Acq: 23 Mar 2018 11:15

Instrument :

BNA_F

ClientSampleId :

TP-6-MH-A

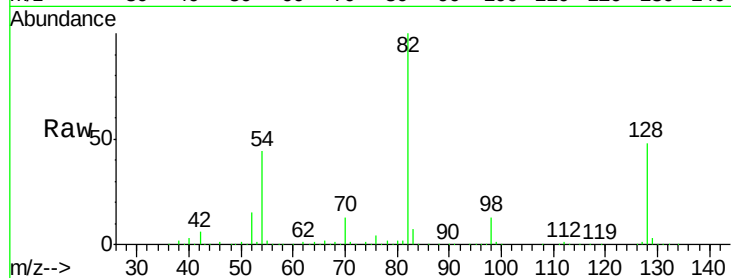
Tot Ion: 82 Resp: 1042814

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

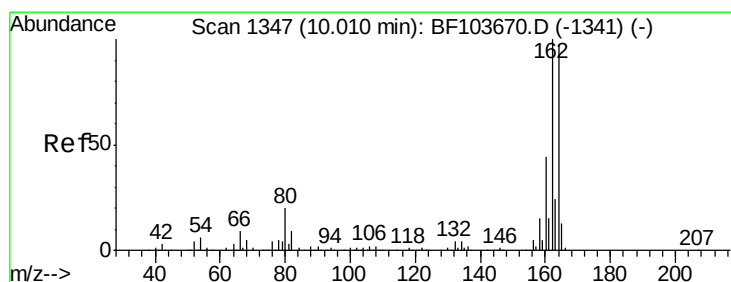
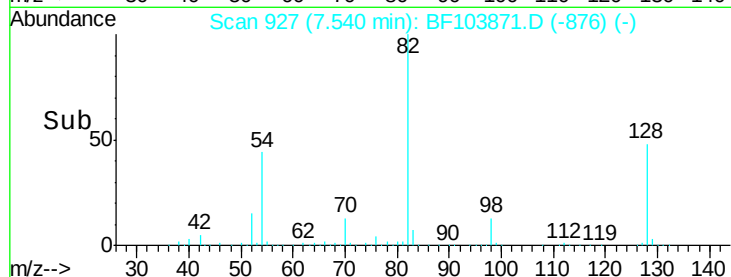
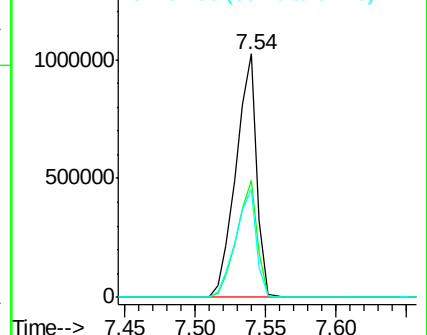
54 44.2 41.4 62.2



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: BF103871.D

Acq: 23 Mar 2018 11:15

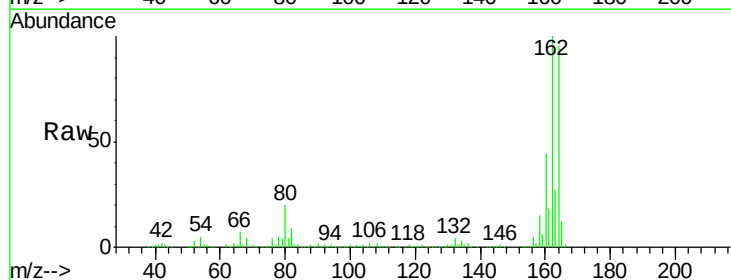
Tgt Ion: 164 Resp: 302543

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

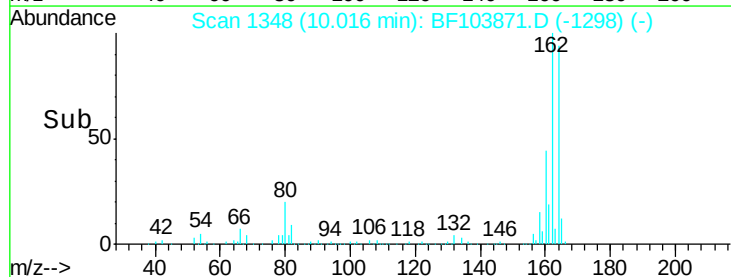
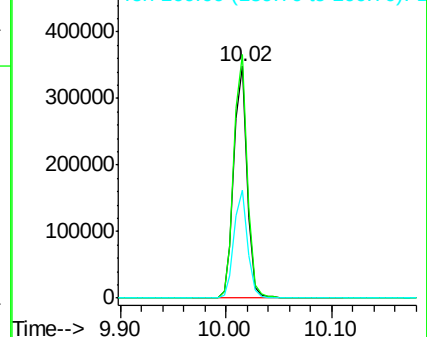
160 46.3 38.3 57.5

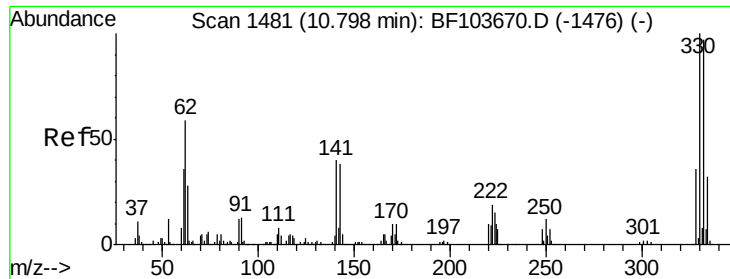


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

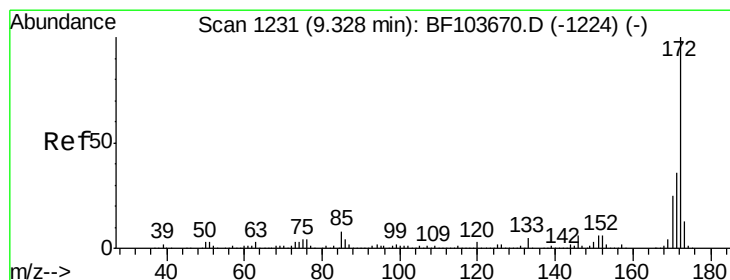
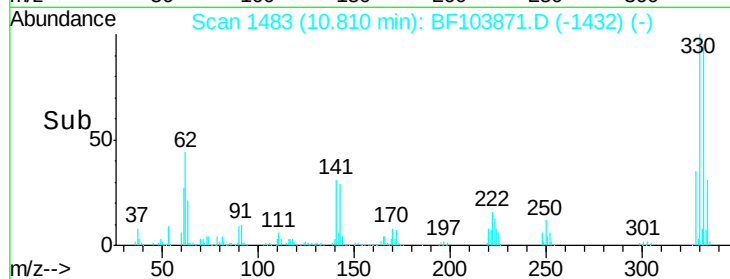
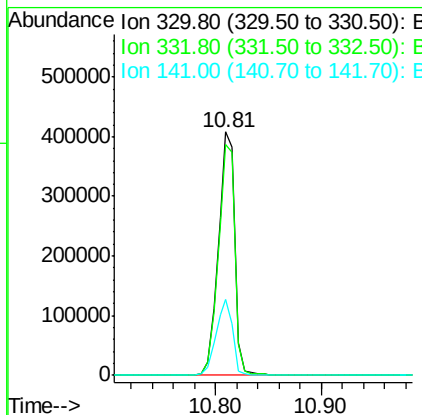
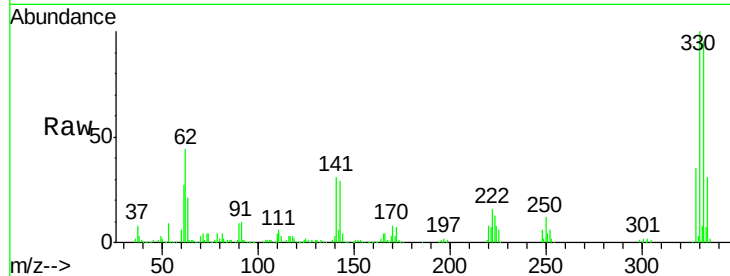




#41
 2,4,6-Tribromophenol
 Concen: 172.406 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103871.D
 Acq: 23 Mar 2018 11:15

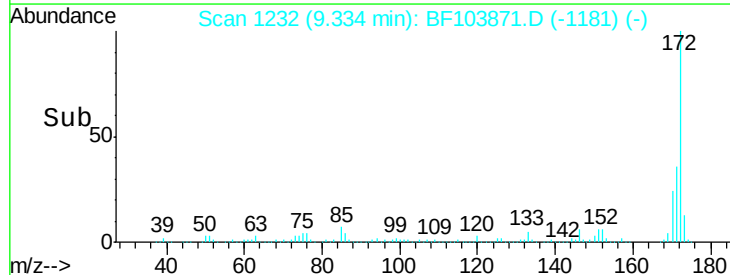
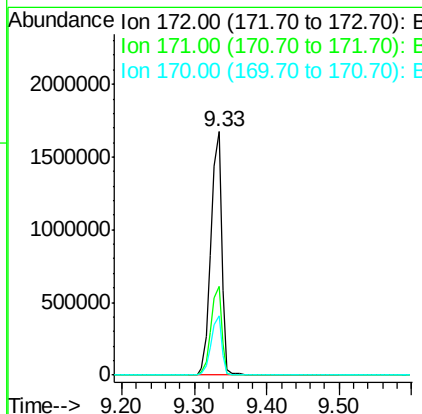
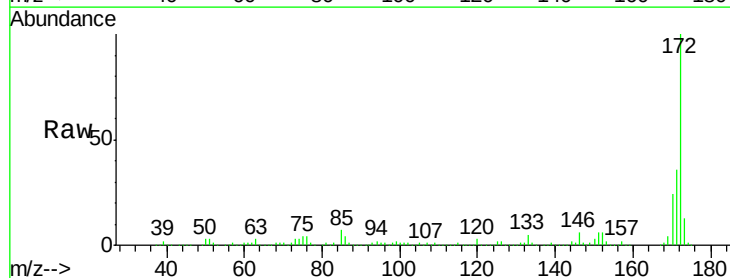
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-MH-A

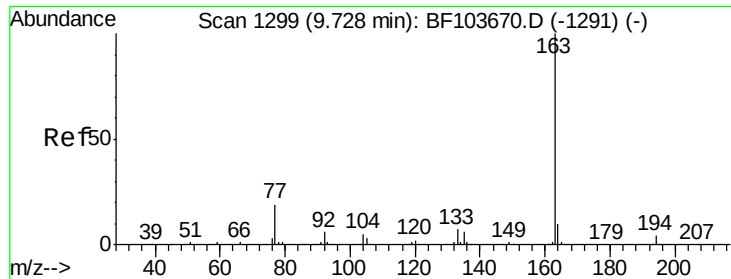
Tot Ion:330 Resp: 448477
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 31.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.867 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103871.D
 Acq: 23 Mar 2018 11:15

Tgt Ion:172 Resp: 1742393
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4

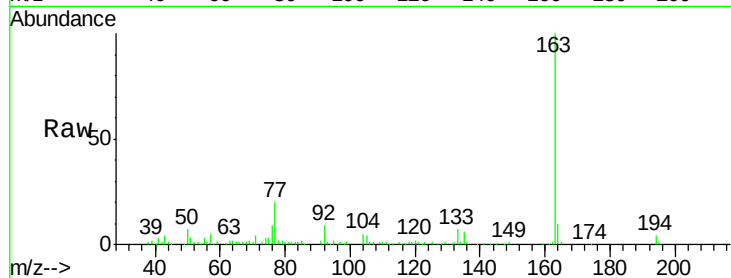




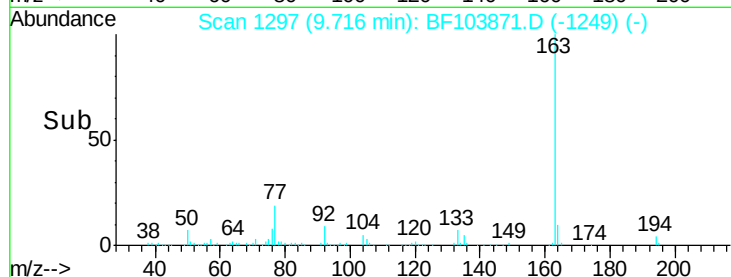
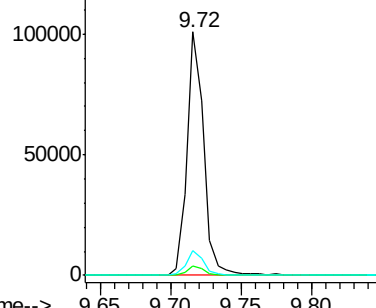
#49
Dimethylphthalate
Concen: 3.599 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :
TP-6-MH-A

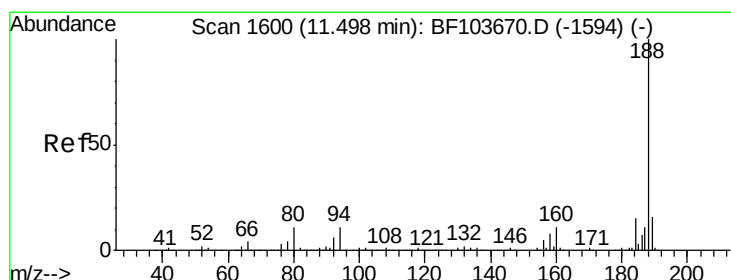
Tot Ion:163 Resp: 83070
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



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

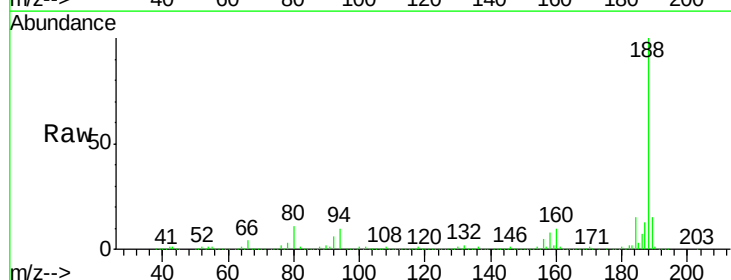


Time-->

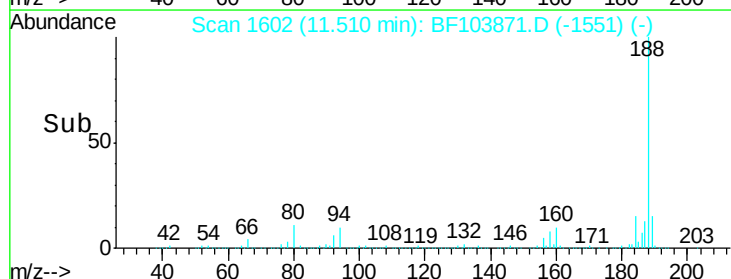
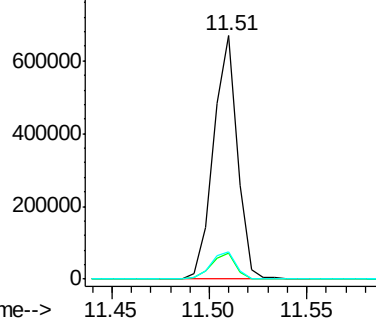


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

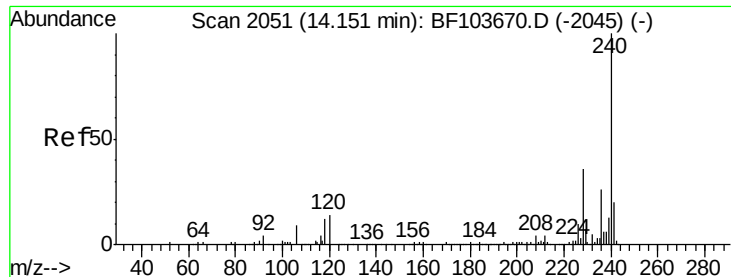
Tgt Ion:188 Resp: 567814
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.0 9.2 13.8



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



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103871.D

Acq: 23 Mar 2018 11:15

Instrument :

BNA_F

ClientSampleId :

TP-6-MH-A

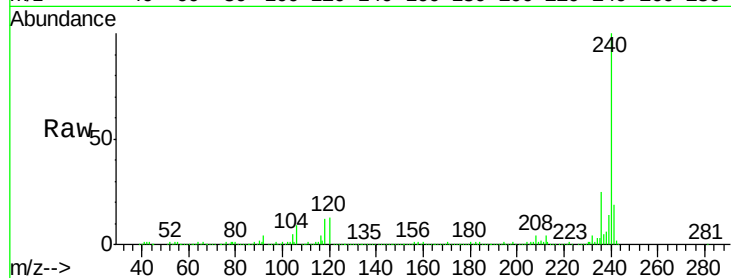
Tot Ion:240 Resp: 529333

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

236 25.5 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

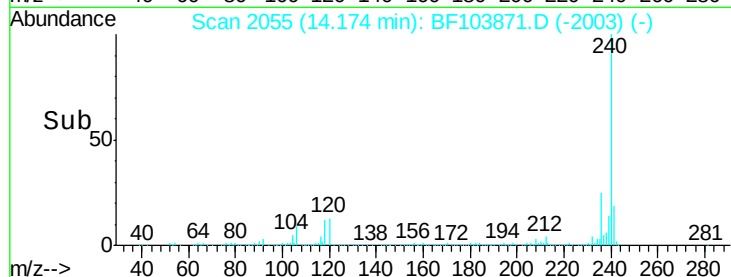
600000

400000

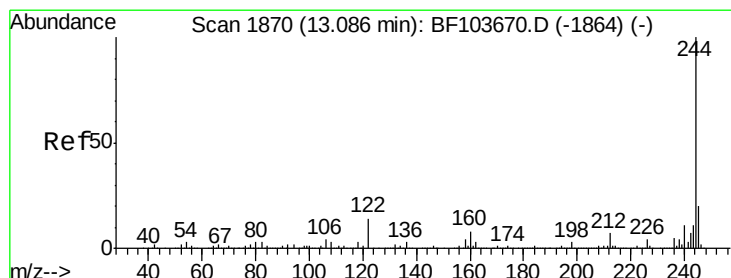
200000

0

14.10 14.20 14.30



Time-->



#78

Terphenyl-d14

Concen: 81.298 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103871.D

Acq: 23 Mar 2018 11:15

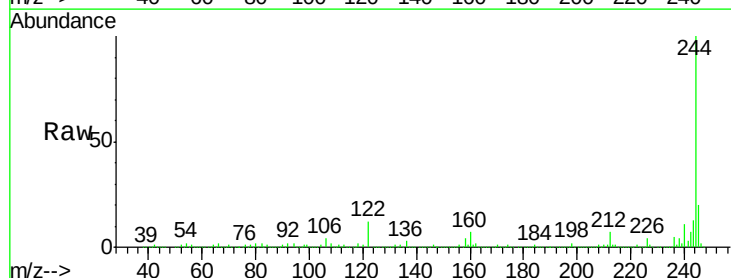
Tgt Ion:244 Resp: 1853977

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.8 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

2000000

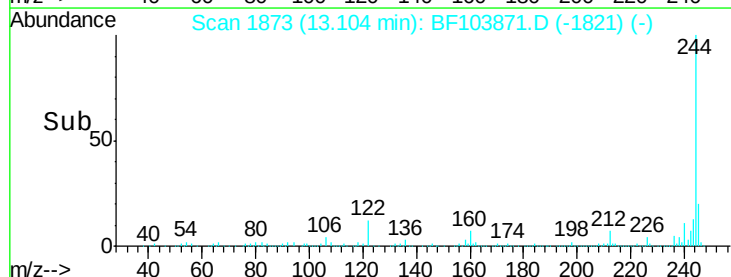
1500000

1000000

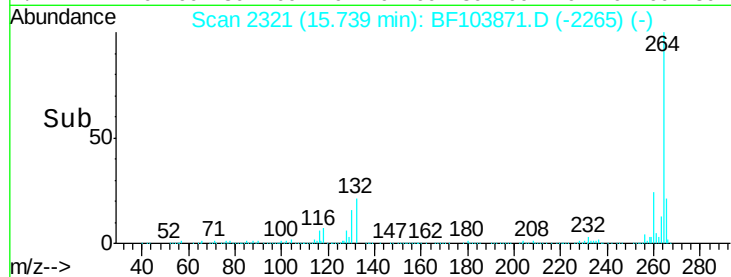
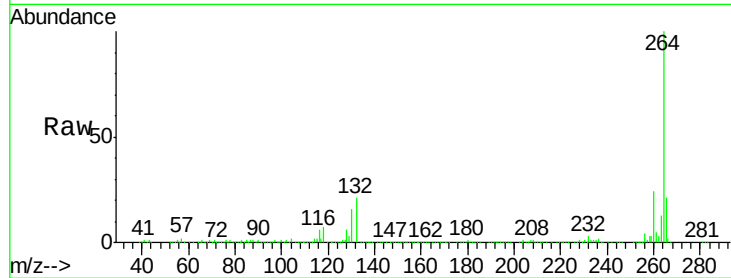
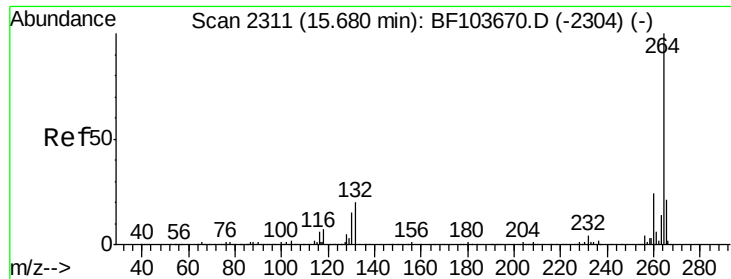
500000

0

13.10 13.20



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2321
Delta R.T. 0.03 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :
TP-6-MH-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

