

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104018.D
 Acq On : 28 Mar 2018 18:57
 Operator : JU/SJ
 Sample : J2088-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 29 04:24:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

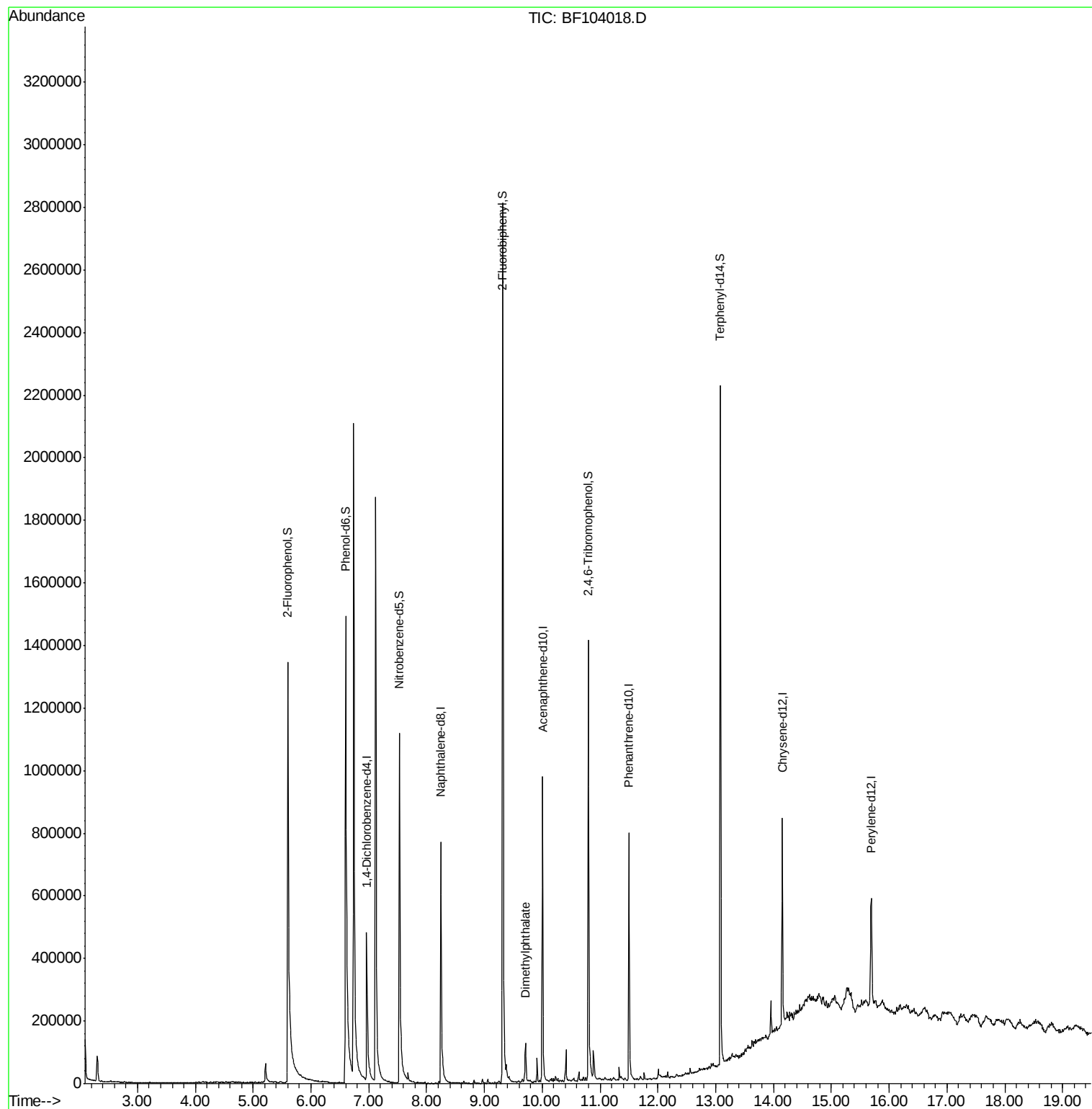
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128701	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	500704	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	215556	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	335190	20.00	ng	0.00
75) Chrysene-d12	14.15	240	241325	20.00	ng	0.00
86) Perylene-d12	15.69	264	204820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	826856	102.46	ng	0.00
7) Phenol-d6	6.60	99	1051988	105.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	609172	74.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217382	90.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1132148	82.82	ng	0.00
78) Terphenyl-d14	13.08	244	822327	78.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	65046	3.822	ng	99

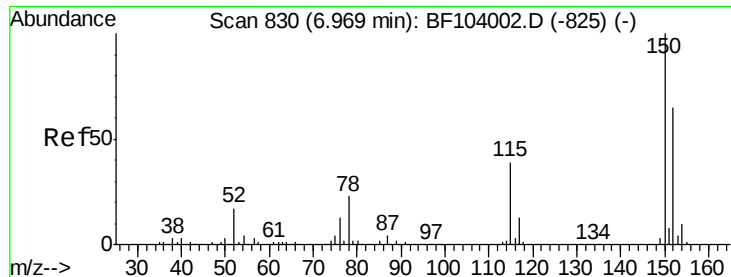
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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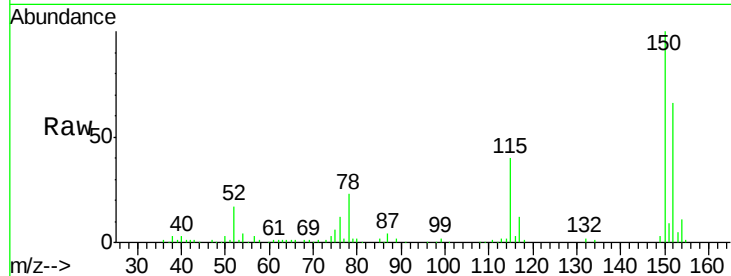


#1

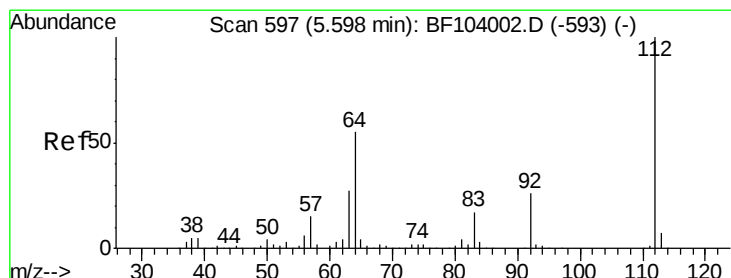
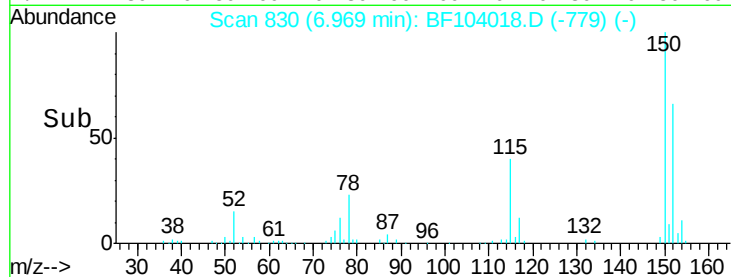
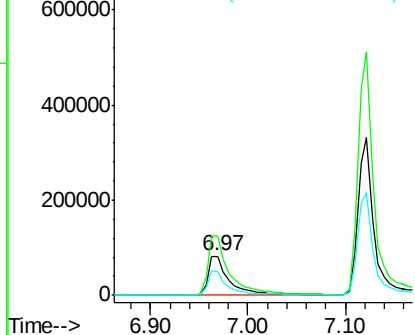
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 128701
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 60.9 50.1 75.1



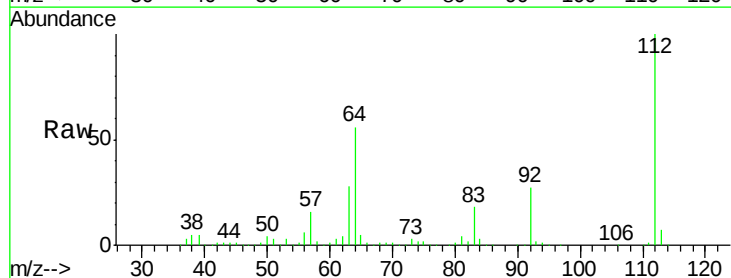
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



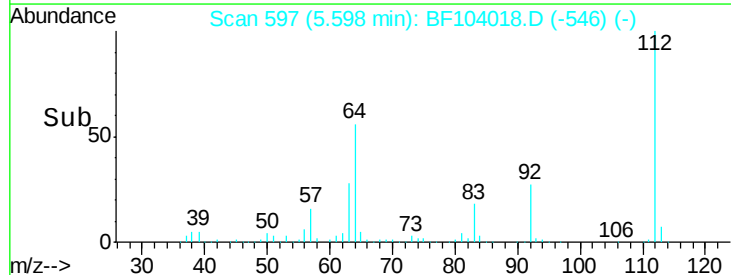
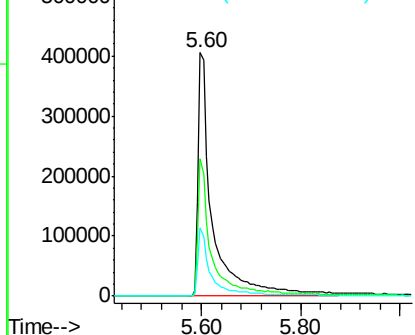
#5

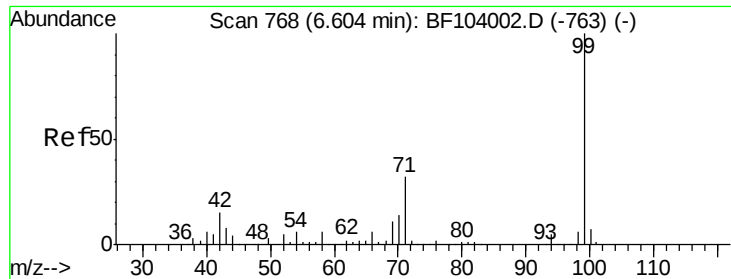
2-Fluorophenol
Concen: 102.457 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:112 Resp: 826856
Ion Ratio Lower Upper
112 100
64 56.3 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: 105.952 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Instrument :

BNA_F

ClientSampleId :

TP-2

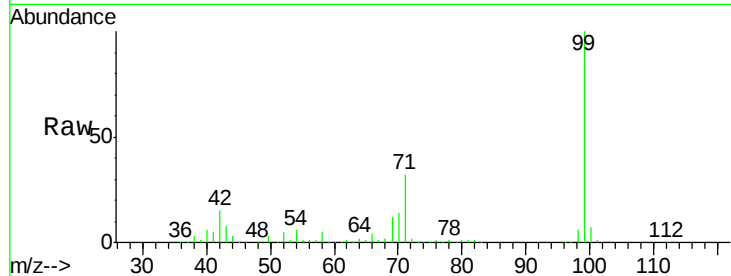
Tot Ion: 99 Resp: 1051988

Ion Ratio Lower Upper

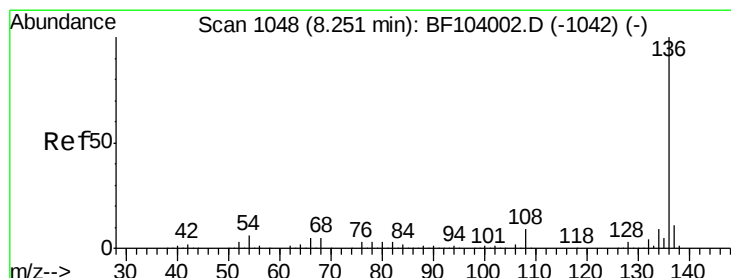
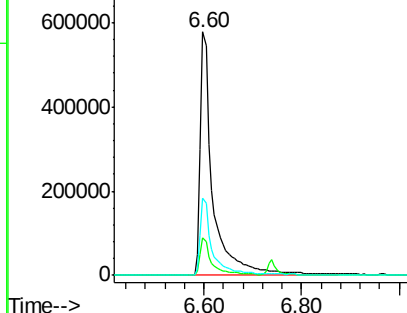
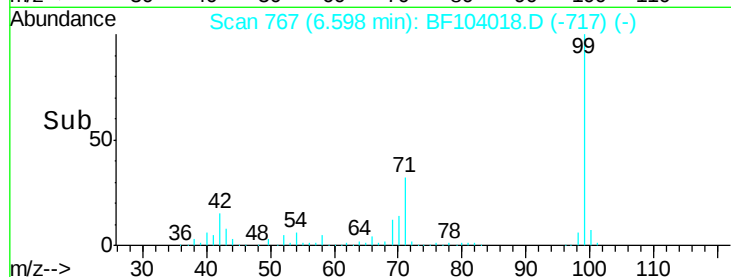
99 100

42 15.4 14.5 21.7

71 31.9 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# 1047

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Tgt Ion: 136 Resp: 500704

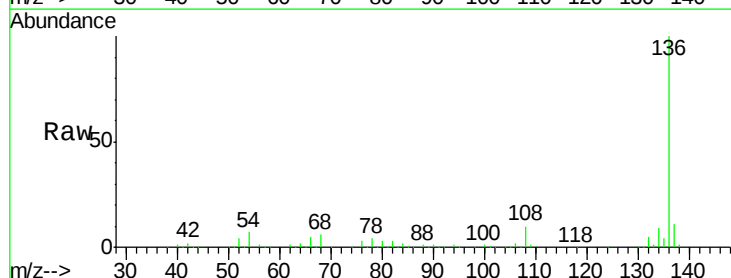
Ion Ratio Lower Upper

136 100

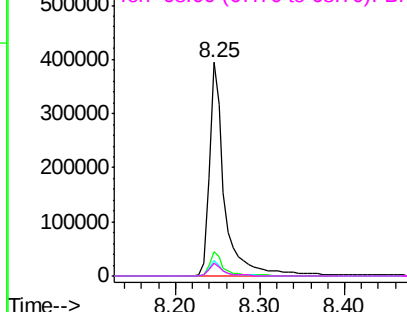
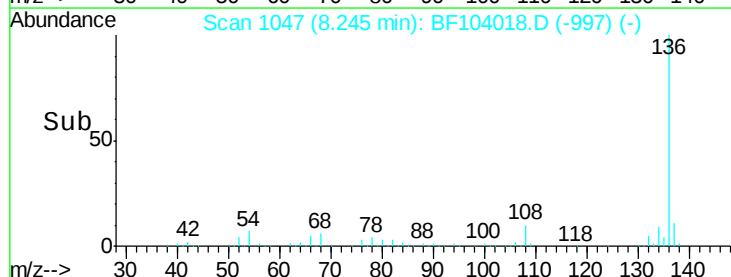
137 11.3 8.9 13.3

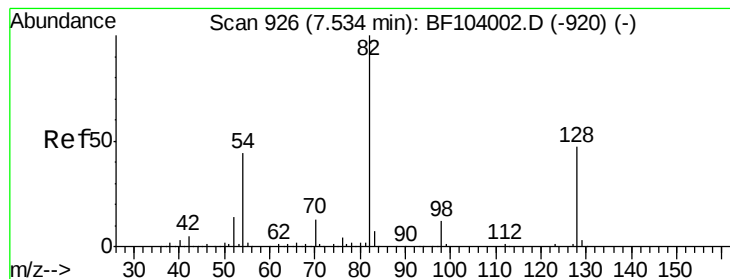
54 6.9 6.6 9.8

68 6.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 74.404 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Instrument :

BNA_F

ClientSampled :

TP-2

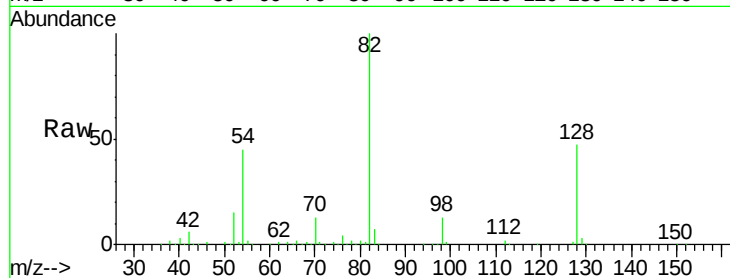
Tot Ion: 82 Resp: 609172

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

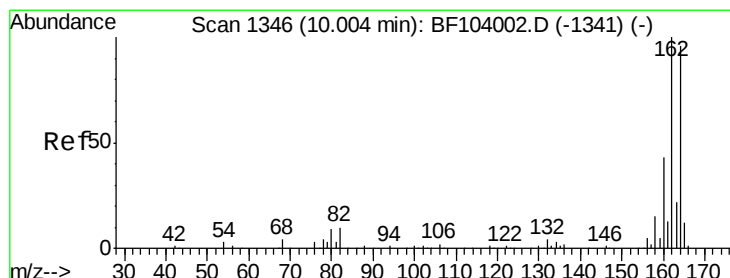
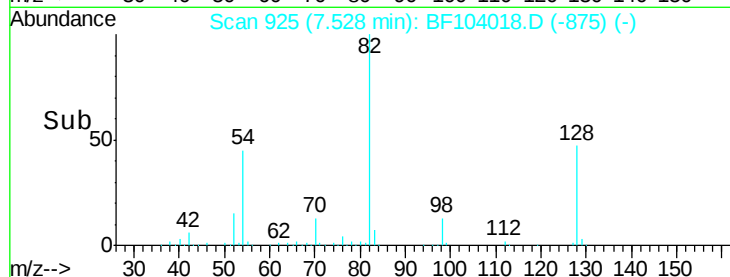
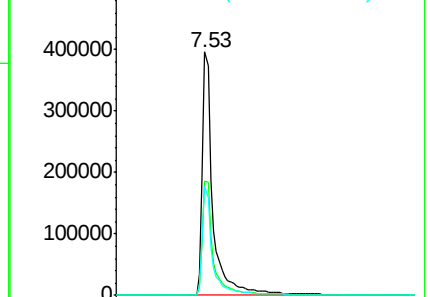
54 45.1 41.4 62.2



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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

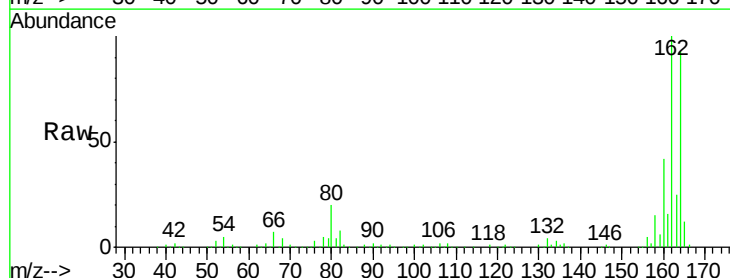
Tgt Ion:164 Resp: 215556

Ion Ratio Lower Upper

164 100

162 107.3 86.1 129.1

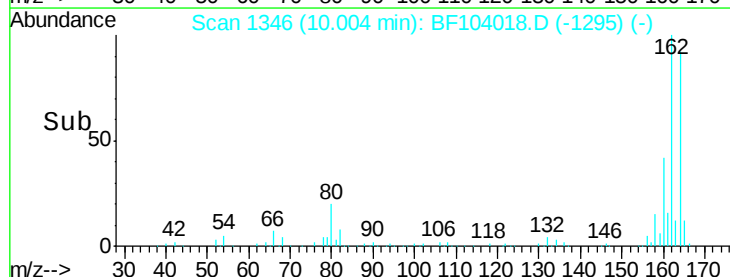
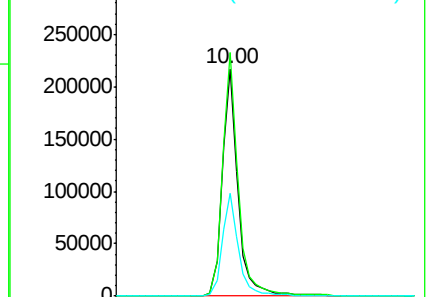
160 45.3 38.3 57.5

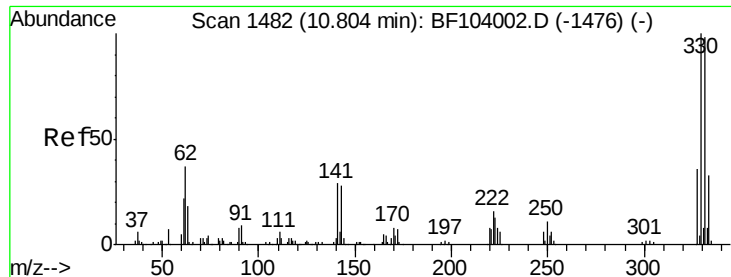


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

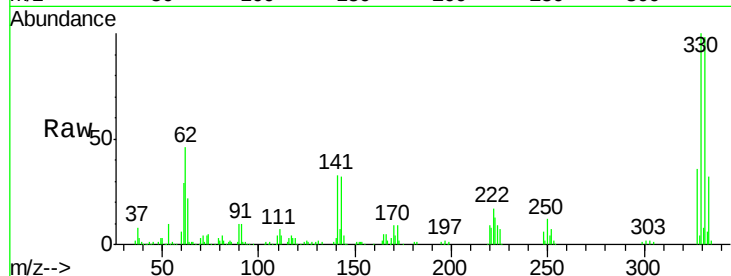




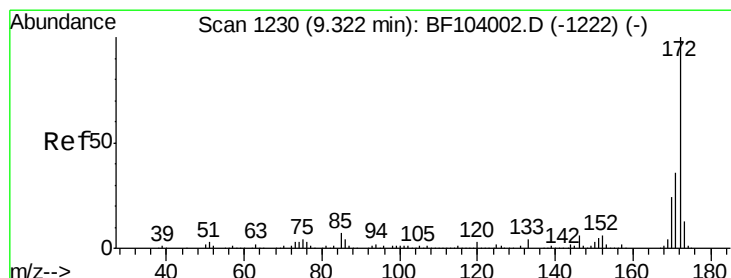
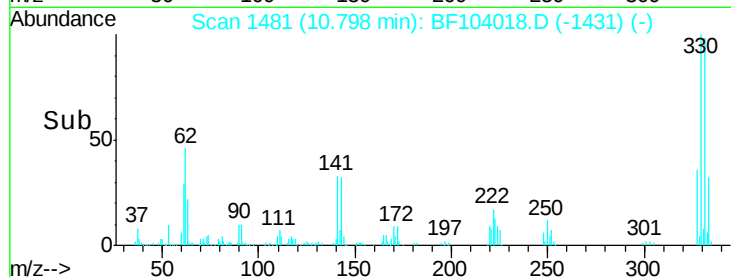
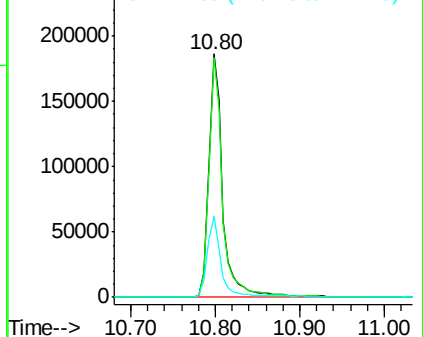
#41
 2,4,6-Tribromophenol
 Concen: 90.568 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion:330 Resp: 217382
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 32.0 29.9 44.9

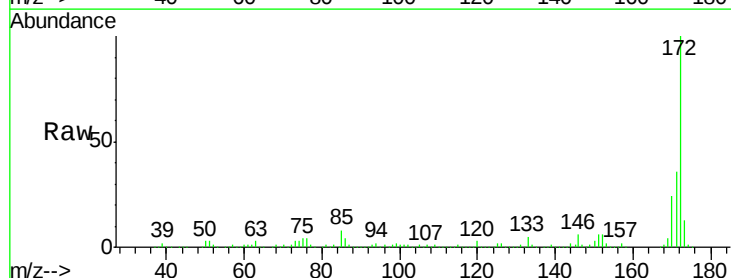


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

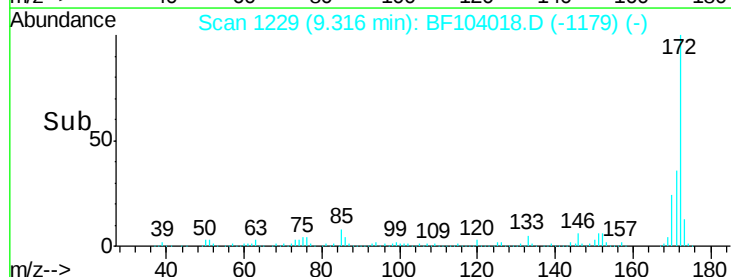
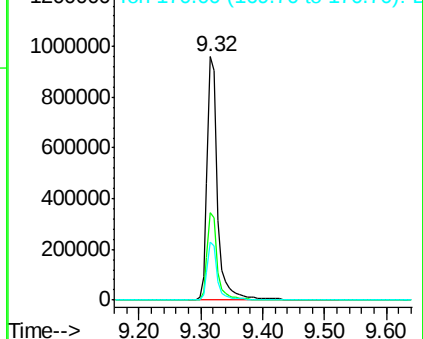


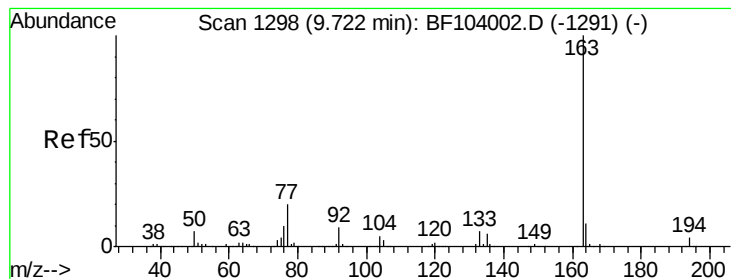
#44
 2-Fluorobiphenyl
 Concen: 82.823 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Tgt Ion:172 Resp: 1132148
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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: 3.822 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Instrument :

BNA_F

ClientSampleId :

TP-2

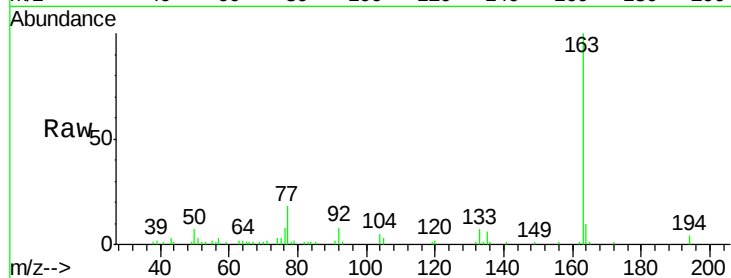
Tot Ion:163 Resp: 65046

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

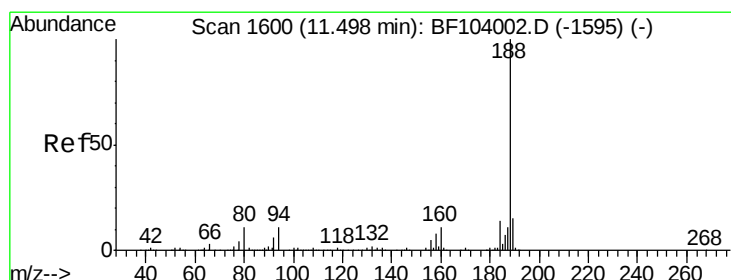
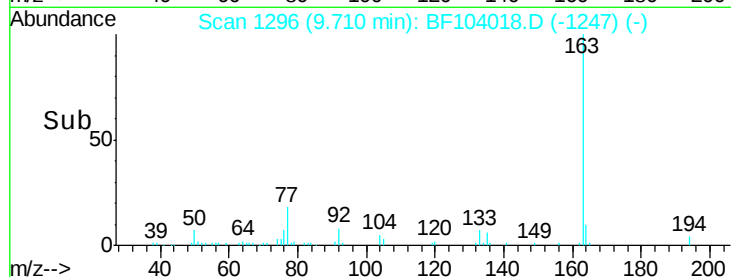
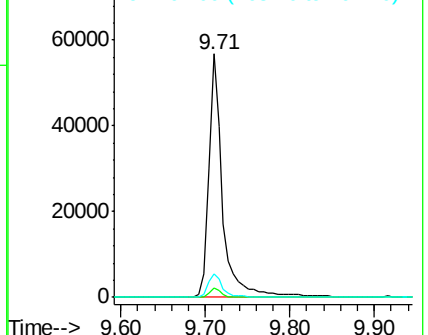
164 9.7 8.2 12.2



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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

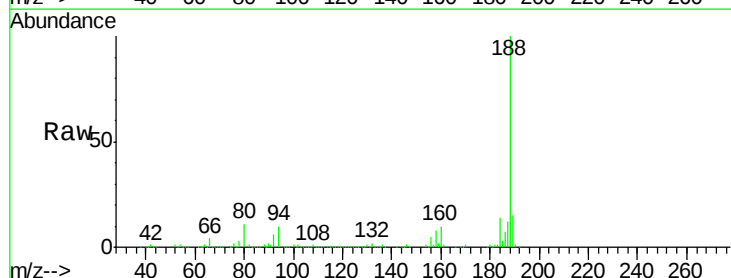
Tgt Ion:188 Resp: 335190

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

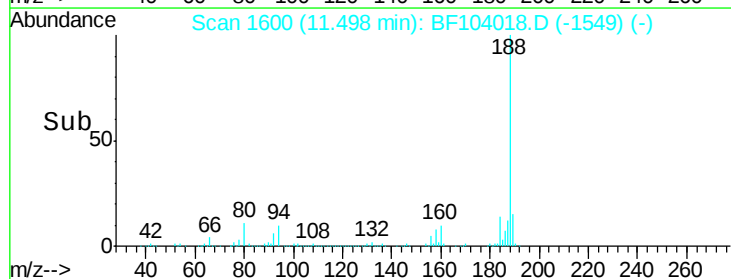
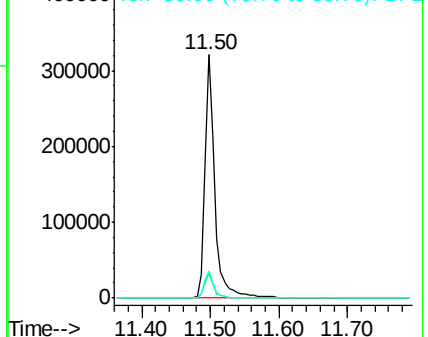
80 11.0 9.2 13.8

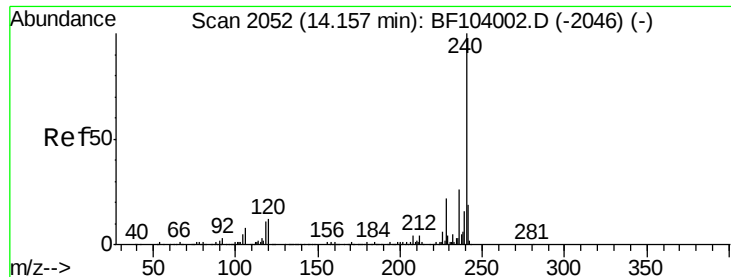


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Instrument :

BNA_F

ClientSampleId :

TP-2

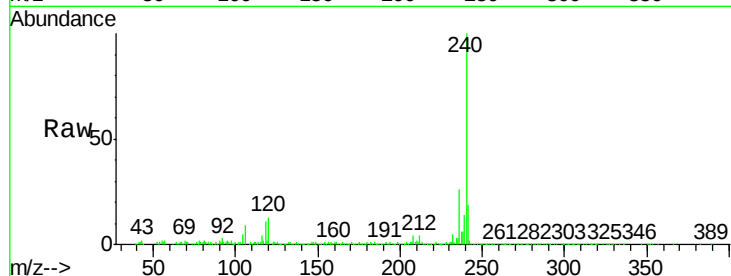
Tot Ion:240 Resp: 241325

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

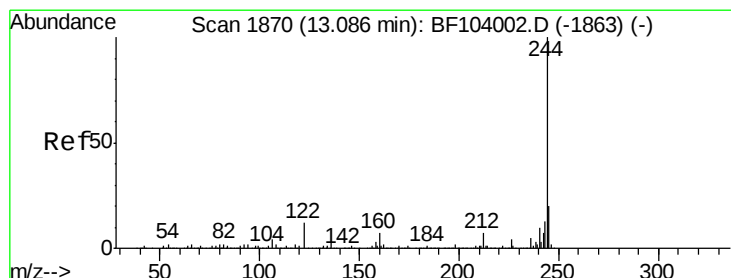
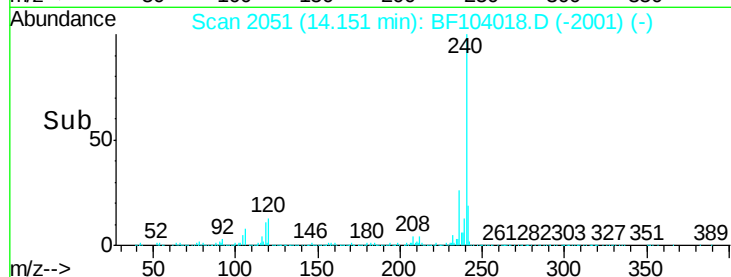
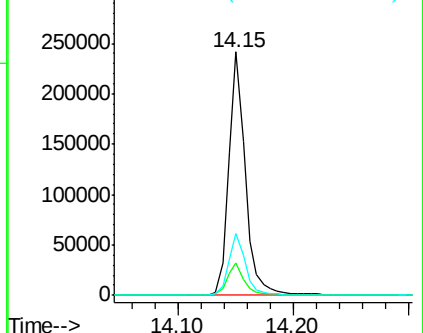
236 25.6 20.7 31.1



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: 78.679 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

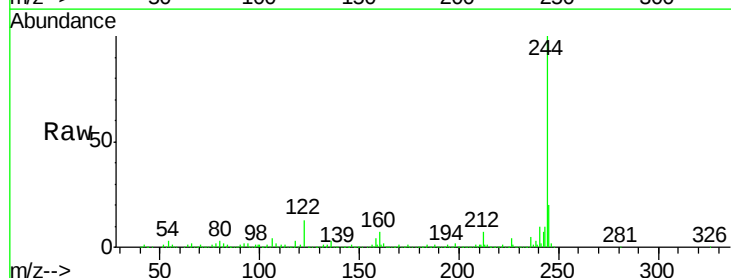
Tgt Ion:244 Resp: 822327

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

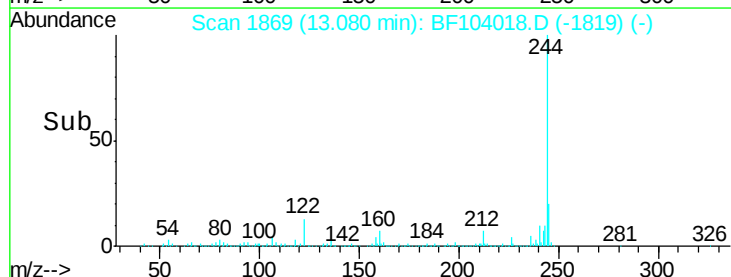
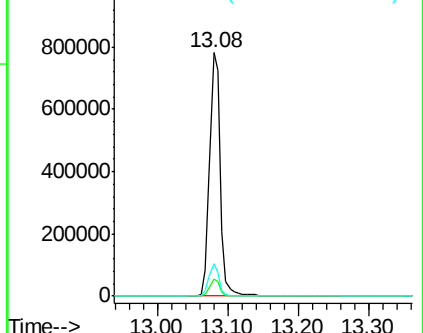
122 13.5 11.0 16.4

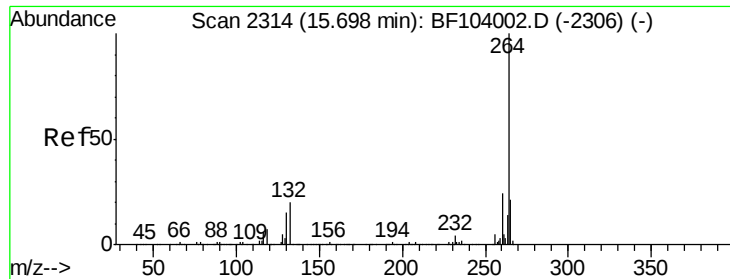


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

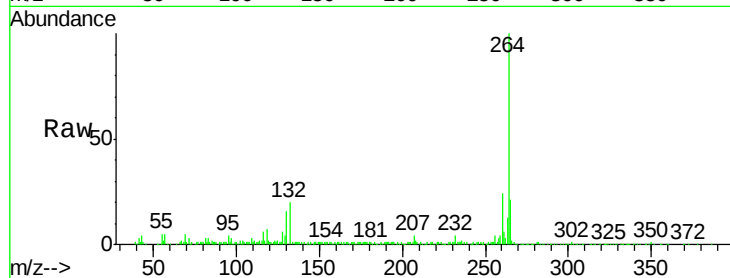




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

