

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104230.D
 Acq On : 4 Apr 2018 17:29
 Operator : JU/SJ
 Sample : PB107923BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BL

Quant Time: Apr 04 18:26:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	106847	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	480401	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	226452	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	455994	20.00	ng	0.00
75) Chrysene-d12	14.14	240	388154	20.00	ng	0.00
86) Perylene-d12	15.67	264	274790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	844773	126.09	ng	0.00
7) Phenol-d6	6.59	99	1126444	136.66	ng	-0.01
23) Nitrobenzene-d5	7.52	82	646588	82.31	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	316842	125.65	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1301385	90.62	ng	0.00
78) Terphenyl-d14	13.07	244	1444022	85.90	ng	0.00

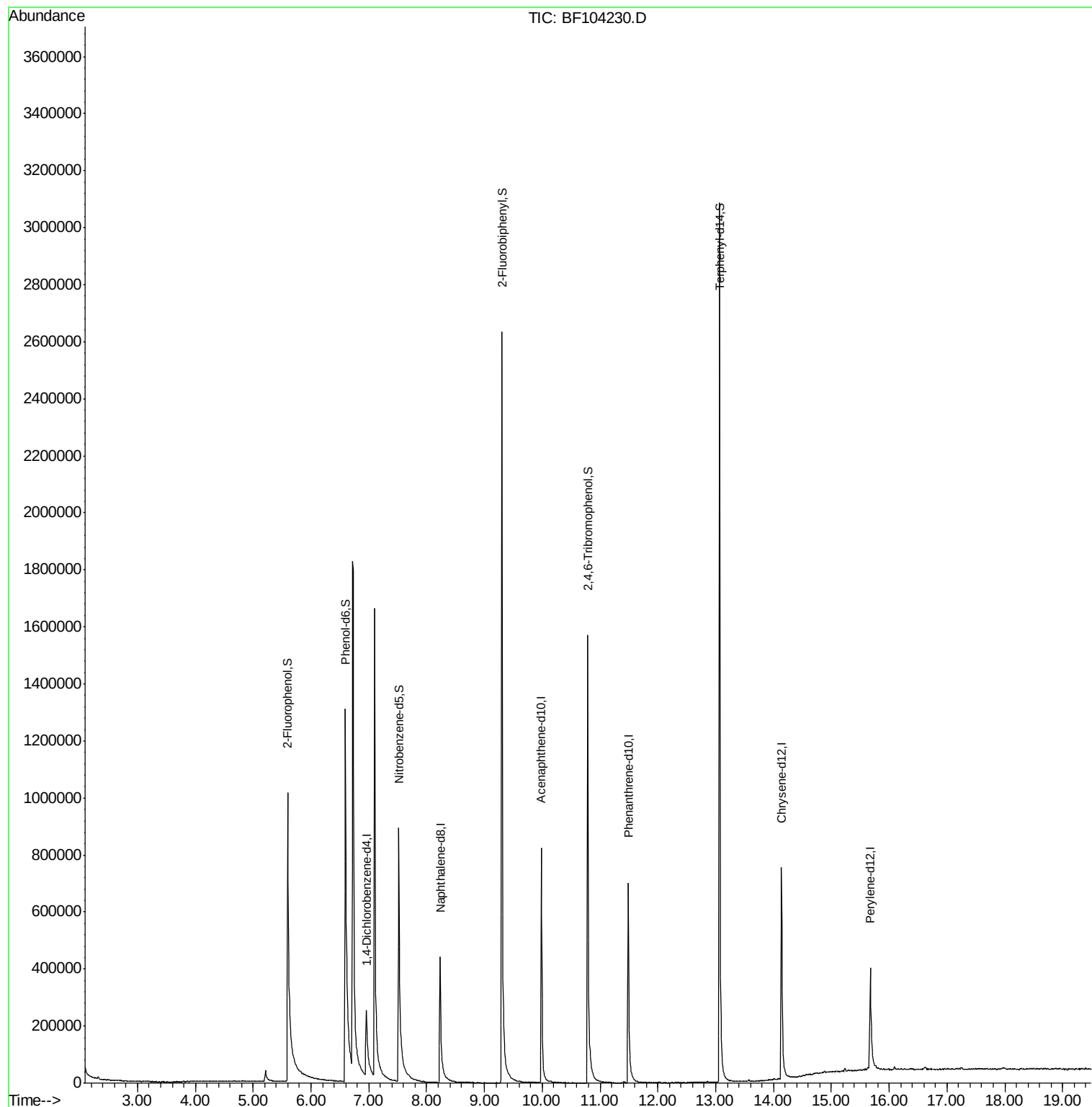
Target Compounds Qvalue

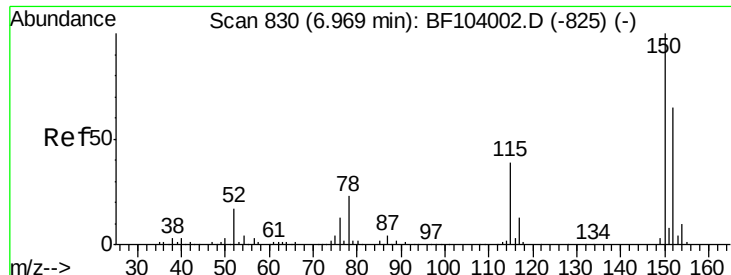
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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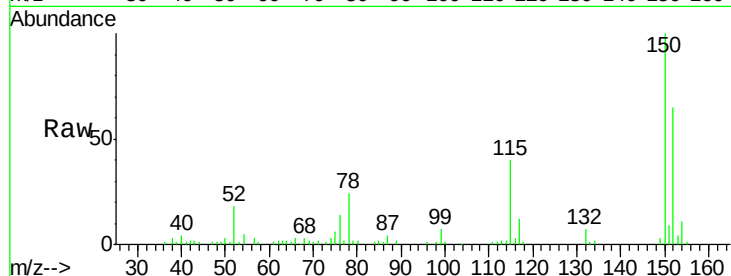


#1

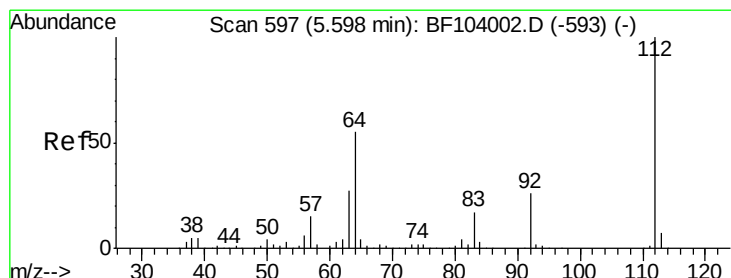
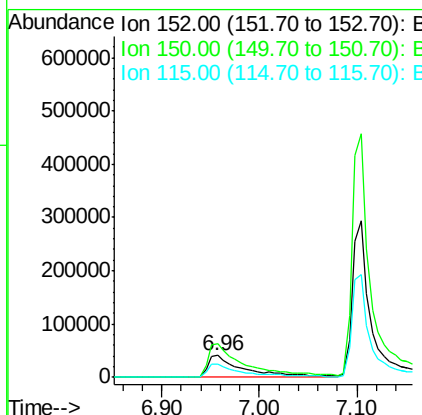
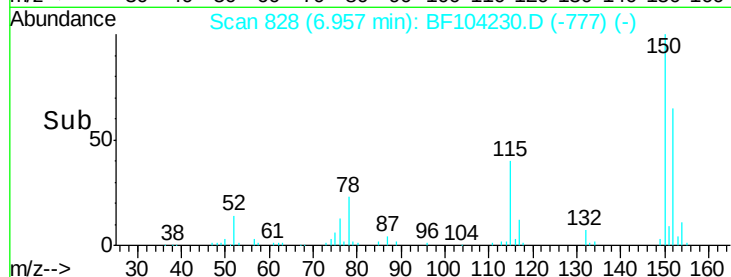
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104230.D
Acq: 4 Apr 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PB107923BL

Tot Ion:152 Resp: 106847
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 61.7 50.1 75.1



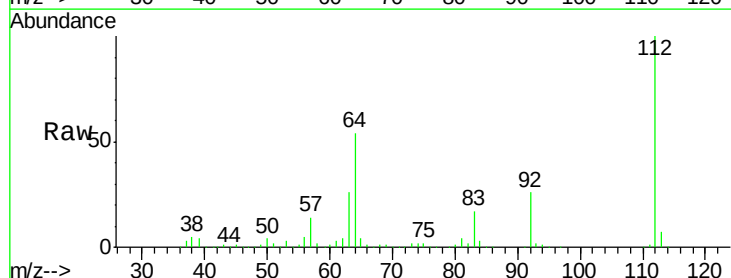
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



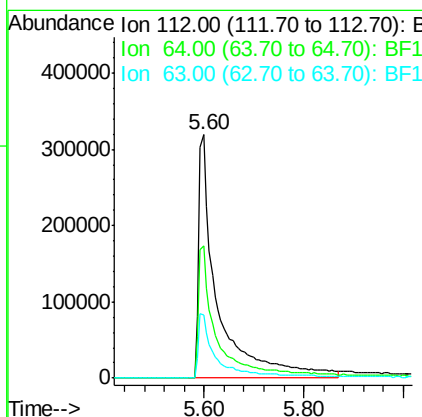
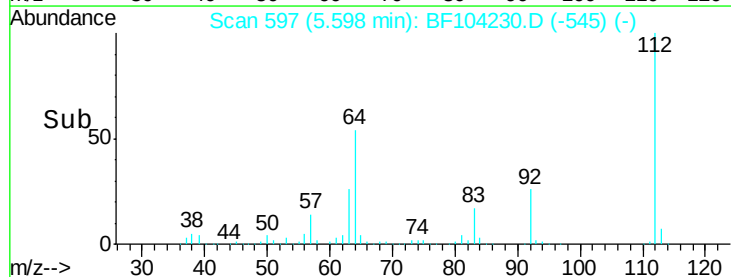
#5

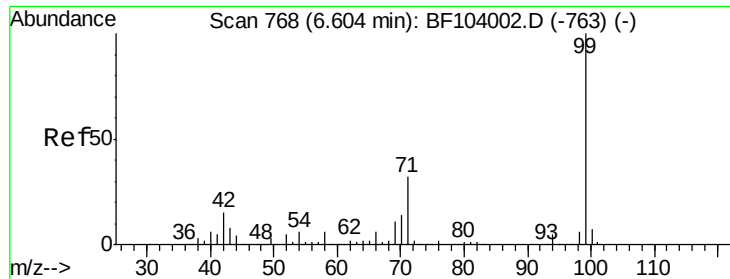
2-Fluorophenol
Concen: 126.087 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104230.D
Acq: 4 Apr 2018 17:29

Tgt Ion:112 Resp: 844773
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 26.2 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: 136.656 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107923BL

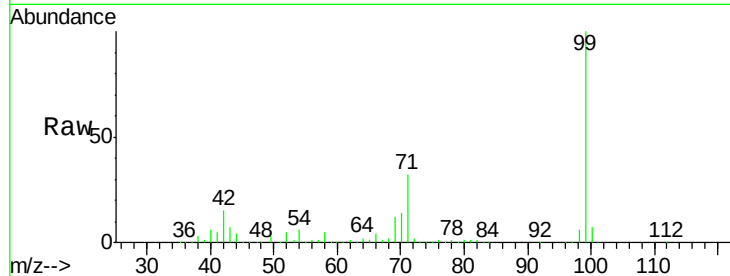
Tot Ion: 99 Resp: 1126444

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

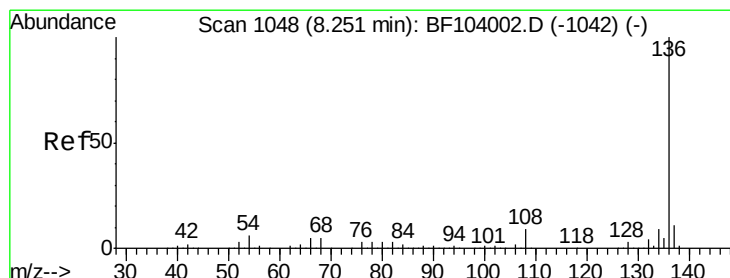
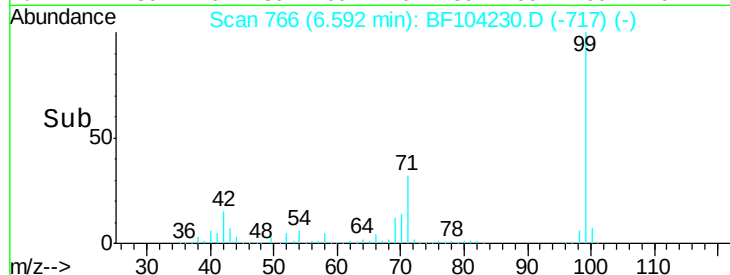
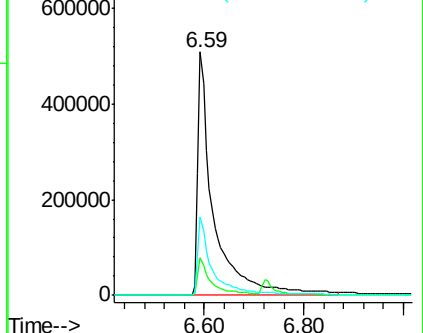
71 32.3 25.4 38.0



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: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

Tgt Ion: 136 Resp: 480401

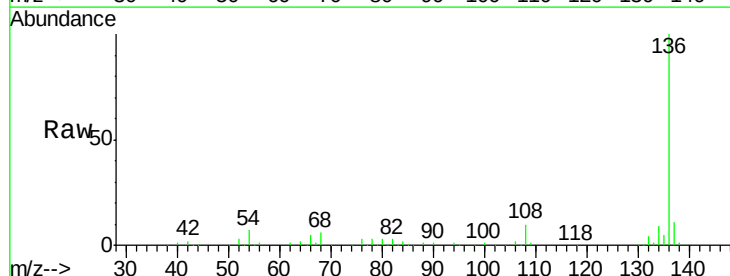
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 6.2 5.0 7.4

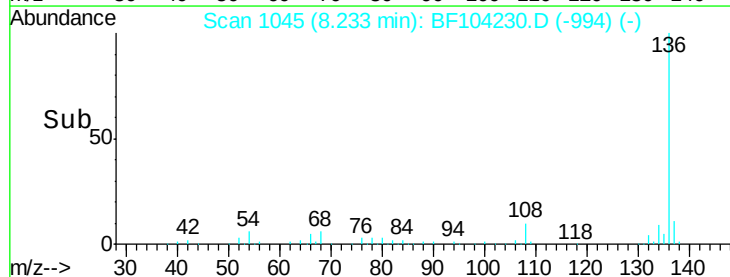
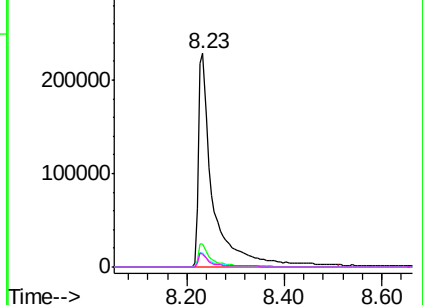


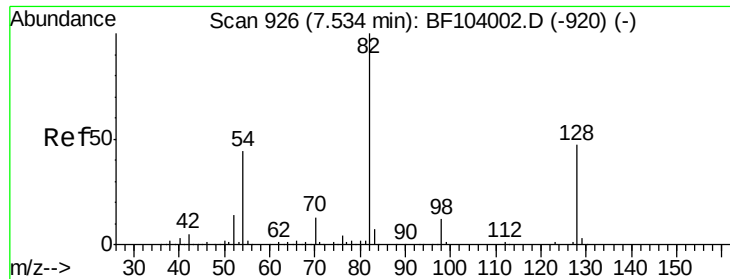
Abundance Ion 136.00 (135.70 to 136.70): E

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

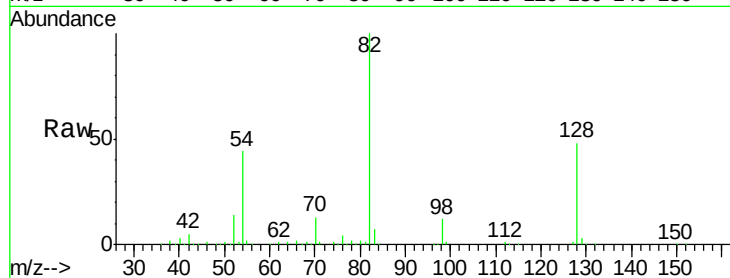




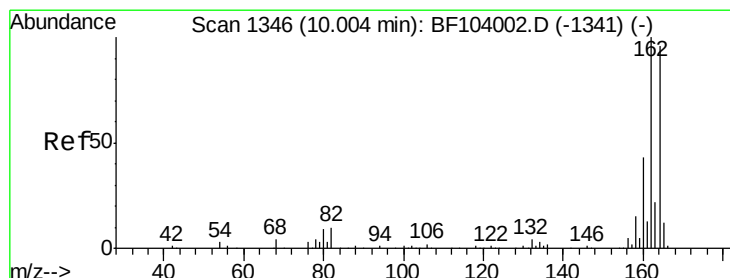
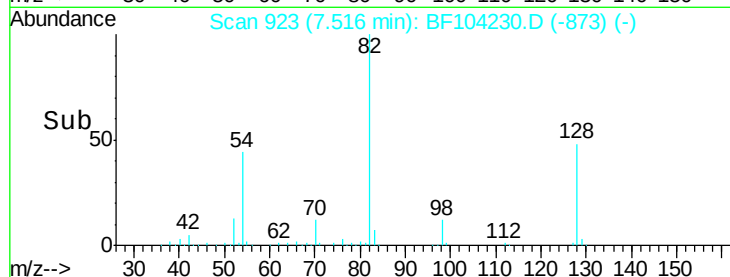
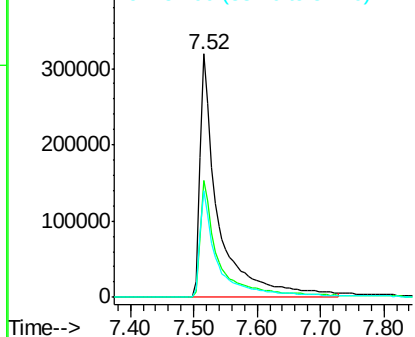
#23
 Nitrobenzene-d5
 Concen: 82.311 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104230.D
 Acq: 4 Apr 2018 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB107923BL

Tot Ion: 82 Resp: 646588
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 44.0 41.4 62.2

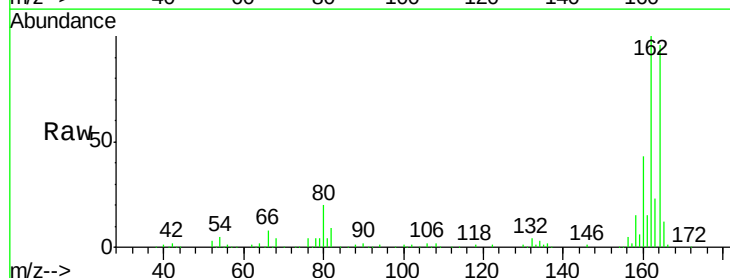


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

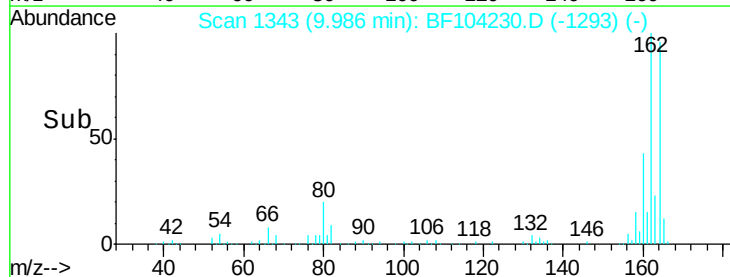
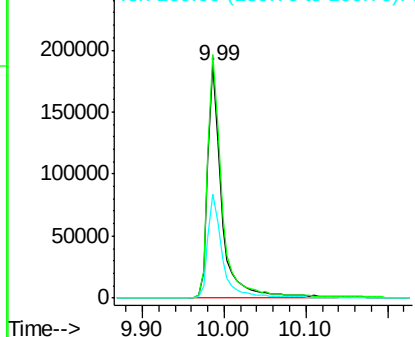


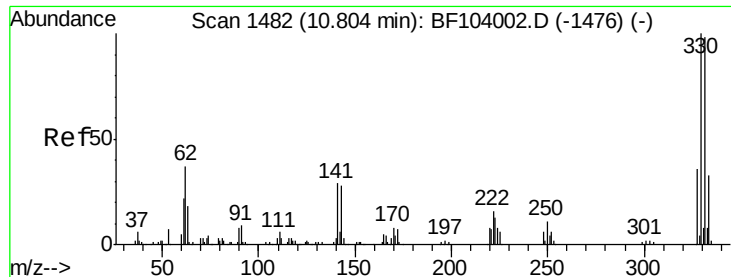
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104230.D
 Acq: 4 Apr 2018 17:29

Tgt Ion:164 Resp: 226452
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 44.9 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: 125.654 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107923BL

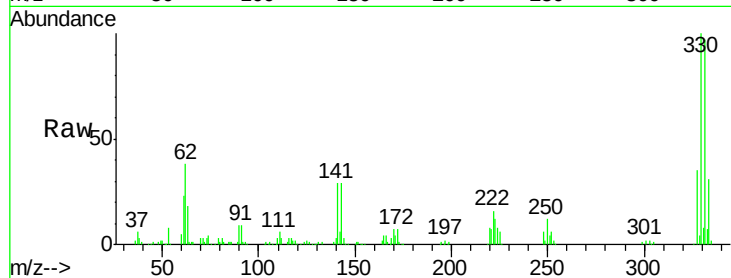
Tot Ion:330 Resp: 316842

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

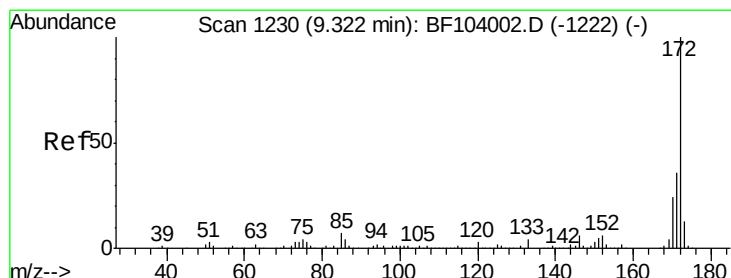
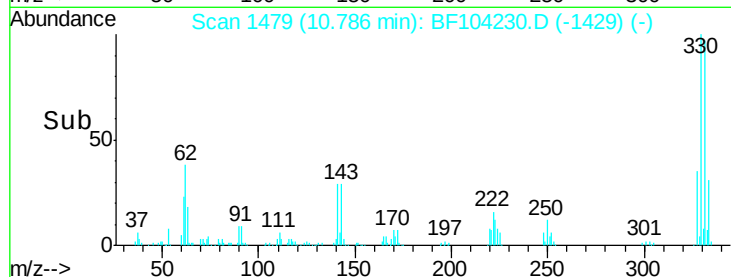
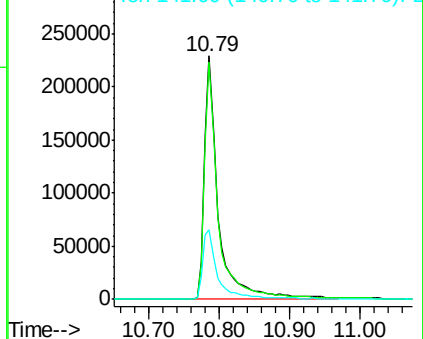
141 31.0 29.9 44.9



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: 90.623 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

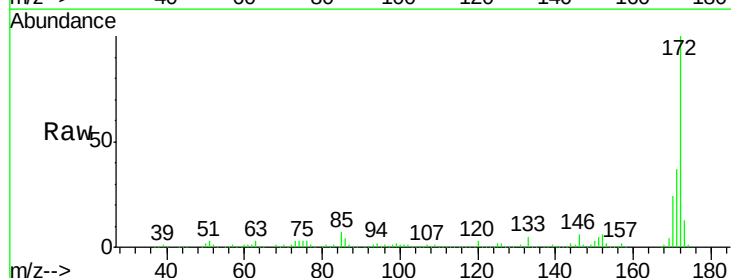
Tgt Ion:172 Resp: 1301385

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

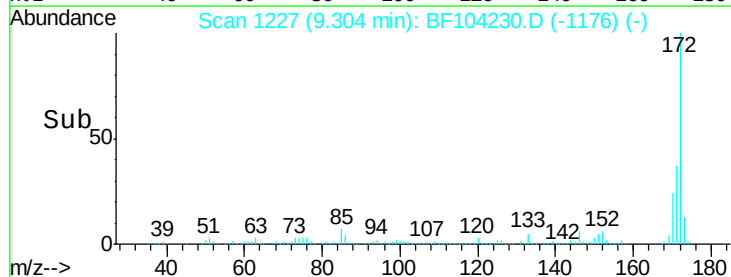
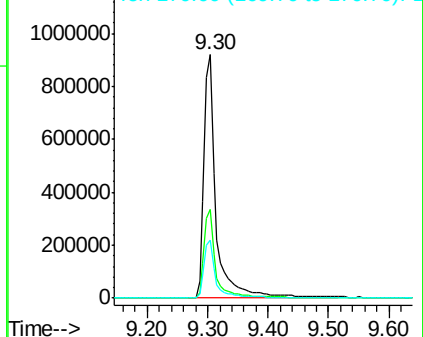
170 24.0 19.6 29.4

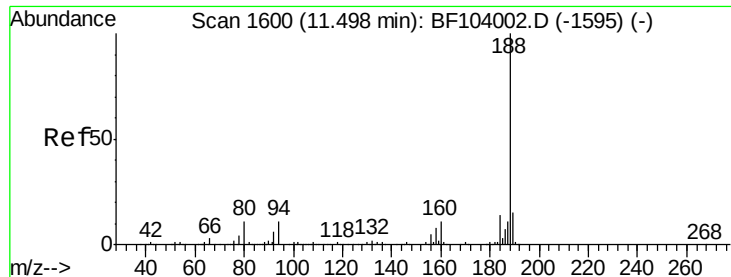


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

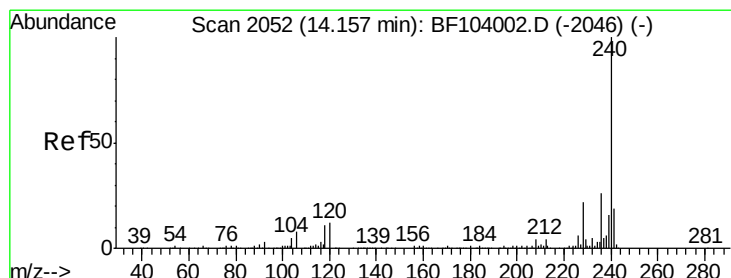
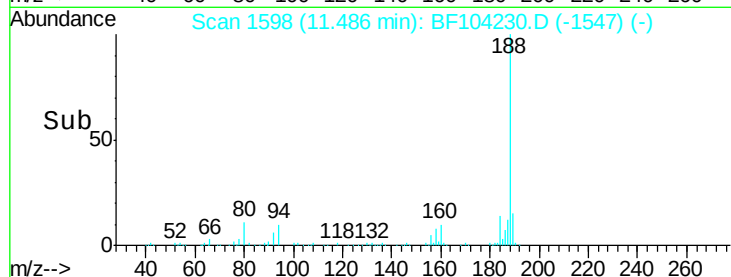
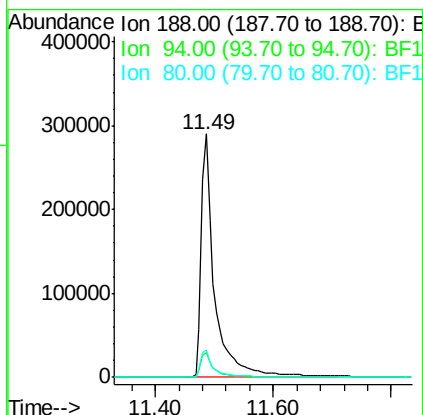
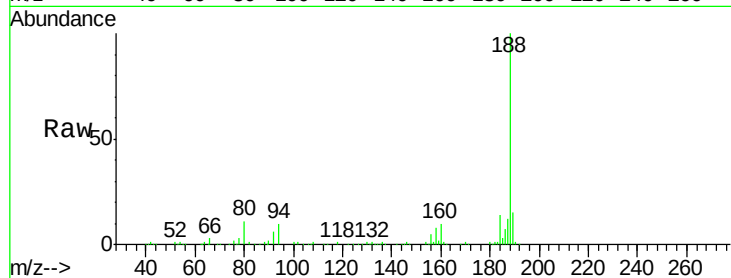




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104230.D
Acq: 4 Apr 2018 17:29

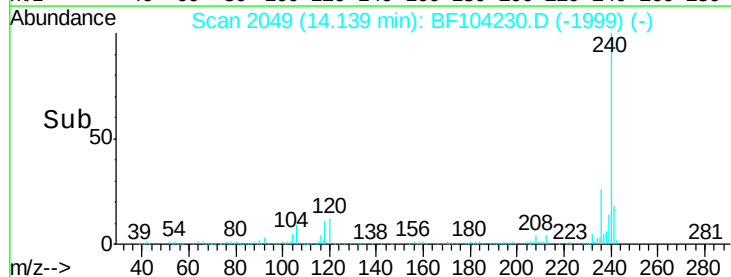
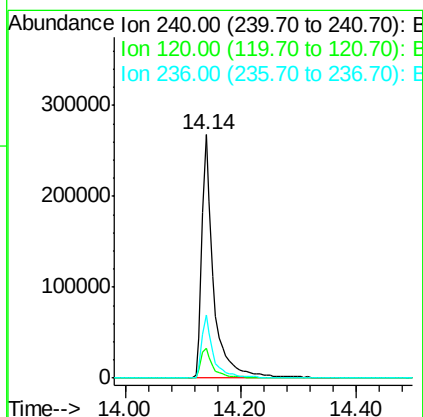
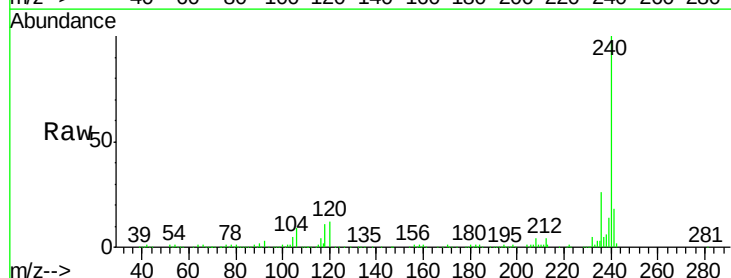
Instrument :
BNA_F
ClientSampleId :
PB107923BL

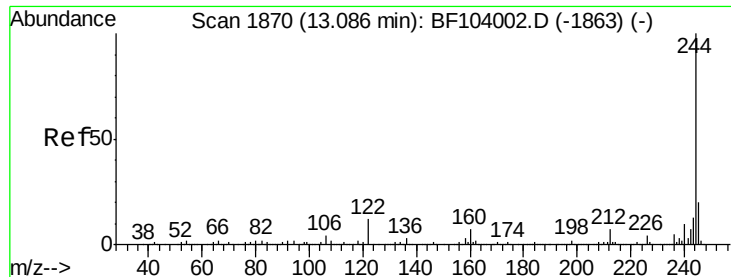
Tot Ion:188 Resp: 455994
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104230.D
Acq: 4 Apr 2018 17:29

Tgt Ion:240 Resp: 388154
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 85.898 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PB107923BL

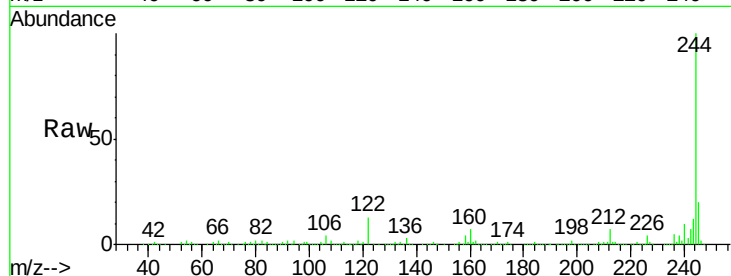
Tot Ion:244 Resp: 1444022

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

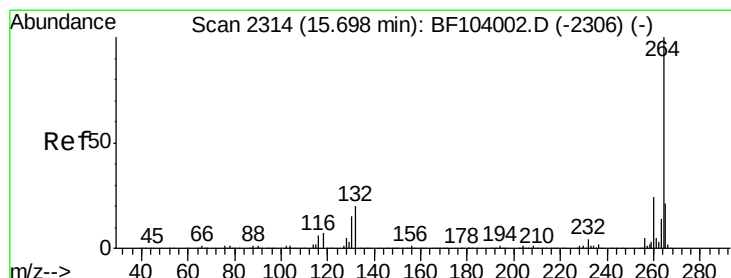
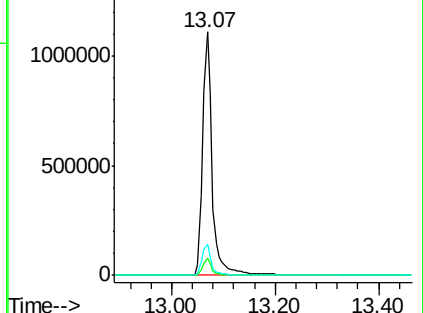
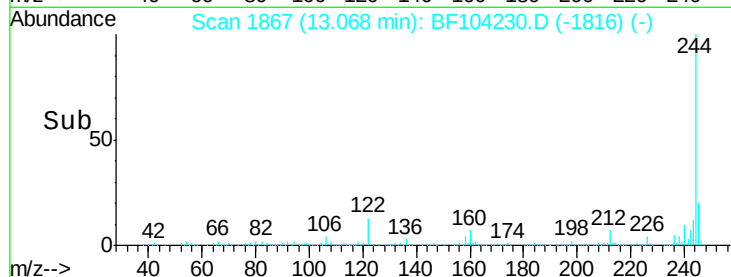
122 12.6 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104230.D

Acq: 4 Apr 2018 17:29

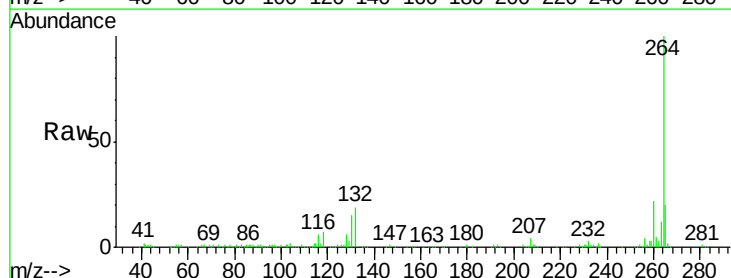
Tgt Ion:264 Resp: 274790

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.3 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

