

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104233.D
 Acq On : 4 Apr 2018 18:49
 Operator : JU/SJ
 Sample : J2169-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOK-BROOKLYN

Quant Time: Apr 05 01:11:23 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

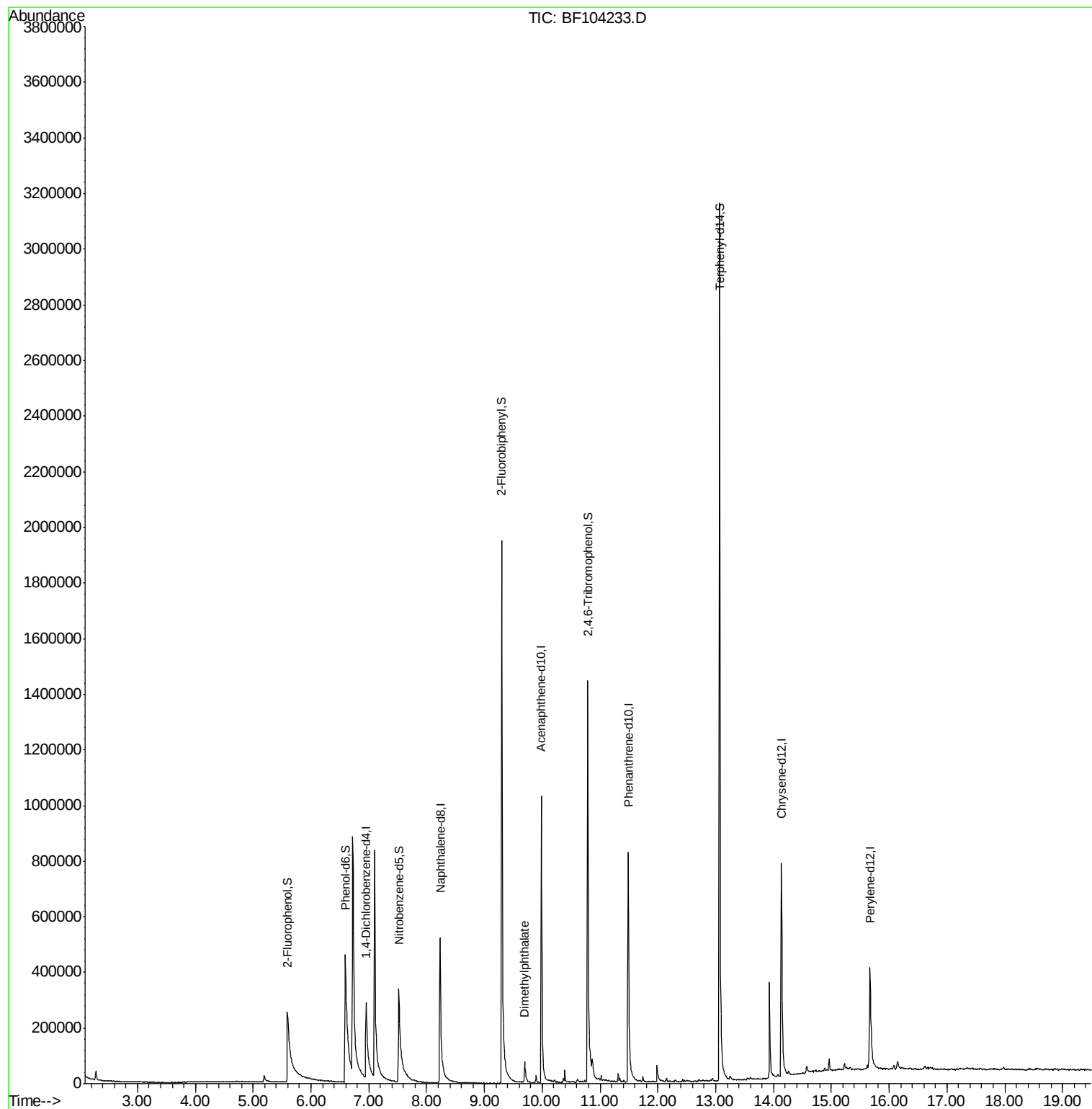
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	120319	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	567415	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271755	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	517619	20.00	ng	0.00
75) Chrysene-d12	14.14	240	397964	20.00	ng	0.00
86) Perylene-d12	15.67	264	279997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	378167	50.12	ng	0.00
7) Phenol-d6	6.59	99	620225	66.82	ng	-0.01
23) Nitrobenzene-d5	7.52	82	383123	41.29	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	294728	97.40	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	959588	55.68	ng	0.00
78) Terphenyl-d14	13.07	244	1443343	83.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	53571	2.497	ng	99

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

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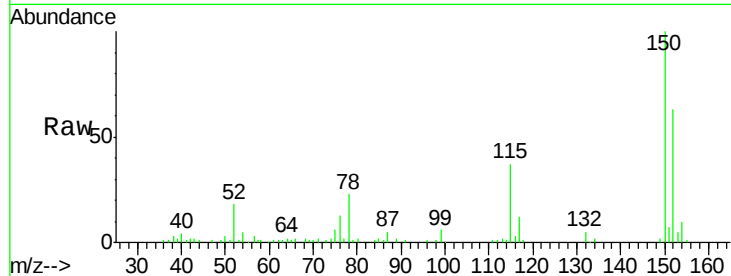


#1

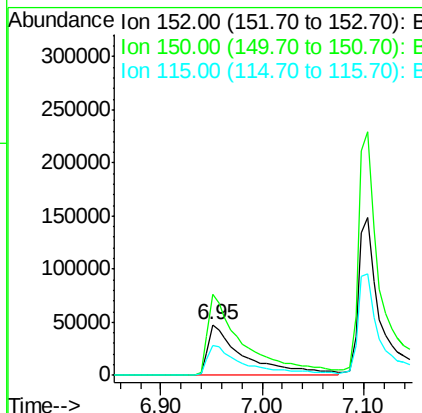
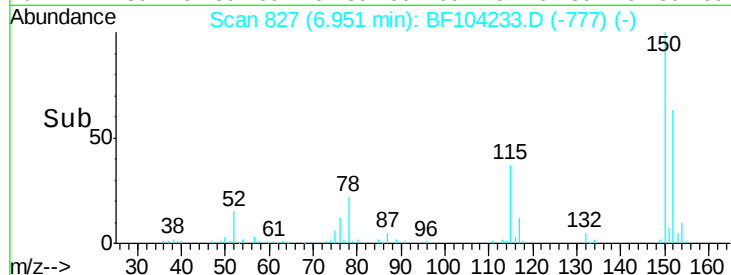
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	58.7	50.1	75.1



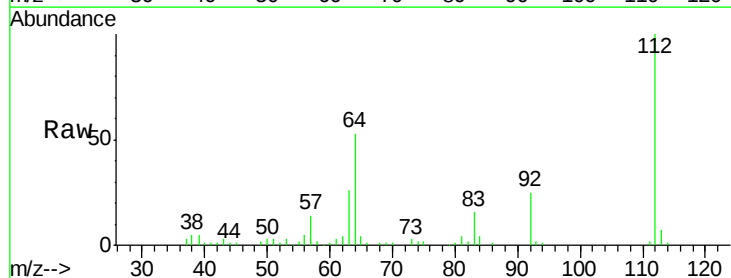
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



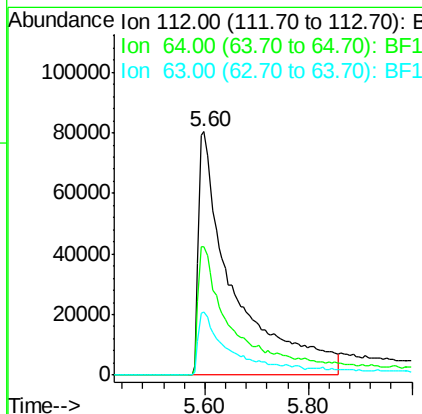
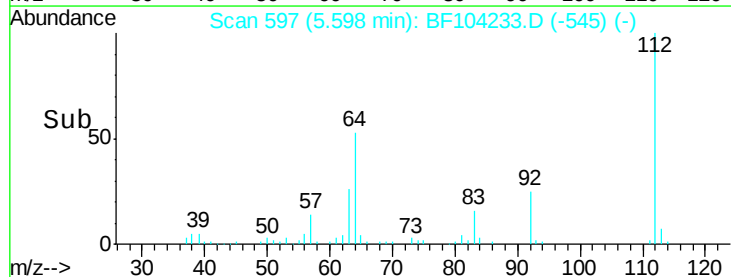
#5

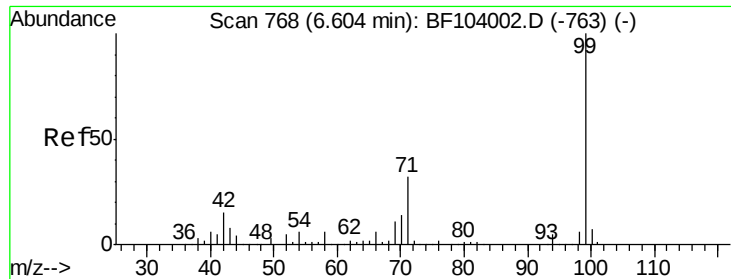
2-Fluorophenol
 Concen: 50.123 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	25.9	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: 66.818 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

BROOK-BROOKLYN

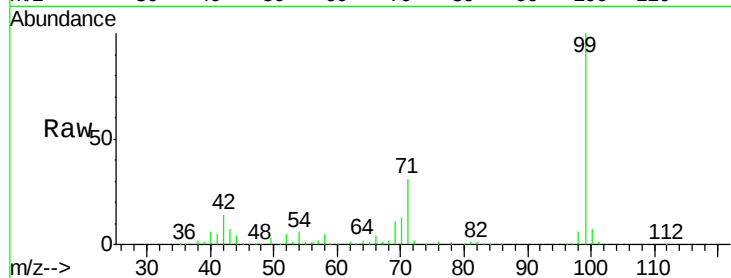
Tot Ion: 99 Resp: 620225

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 31.0 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

250000

200000

150000

100000

50000

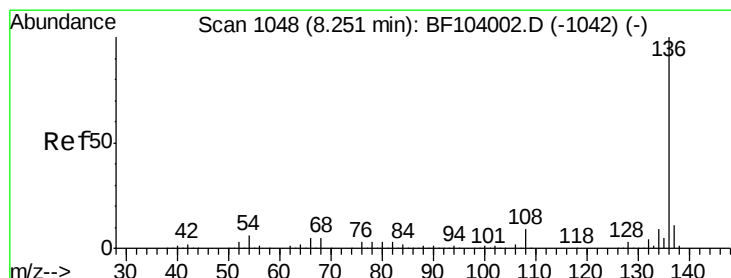
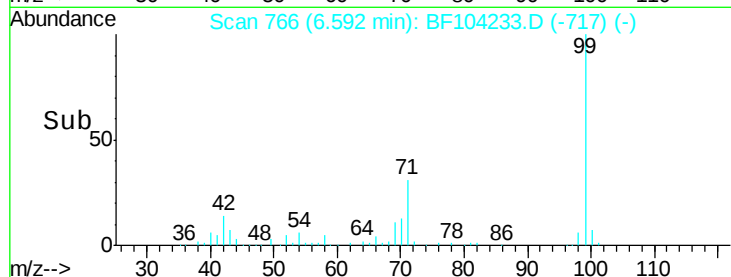
0

6.59

6.60

6.80

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Tgt Ion: 136 Resp: 567415

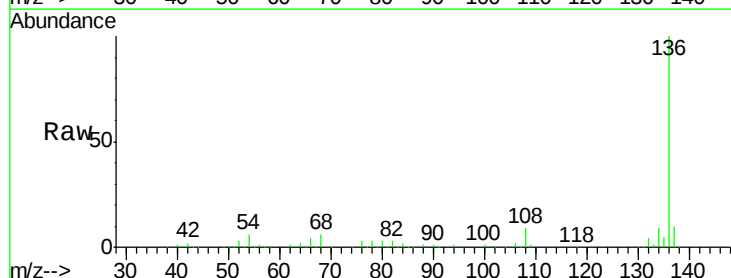
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.2 6.6 9.8#

68 6.0 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

400000

300000

200000

100000

0

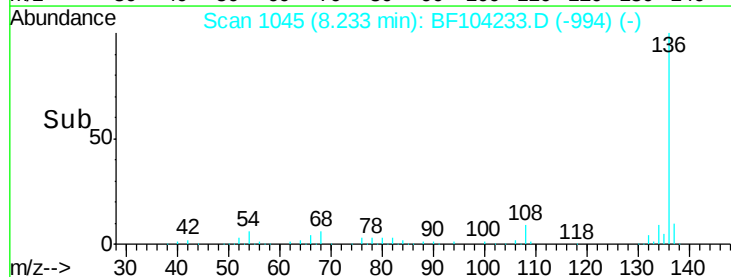
8.23

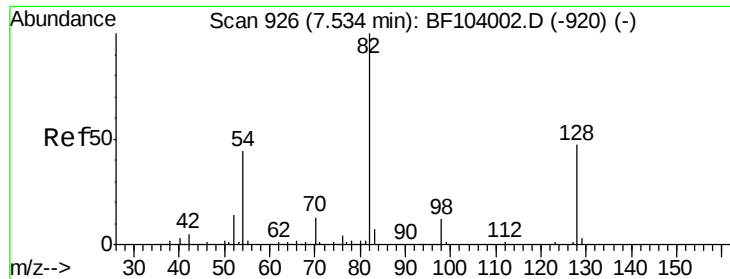
8.20

8.40

8.60

Time-->

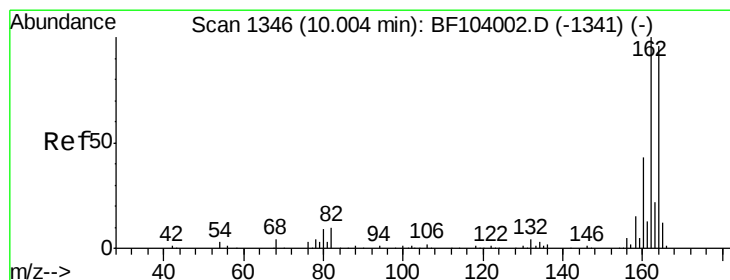
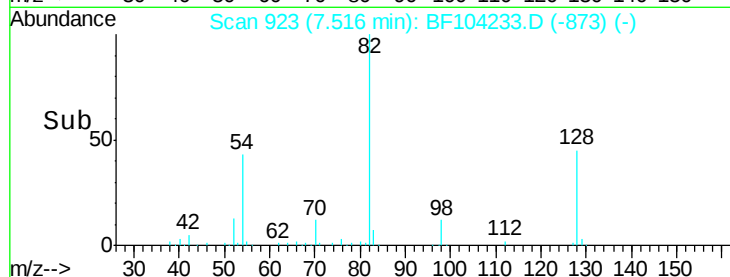
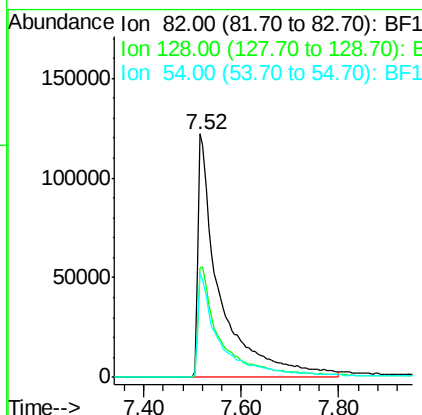
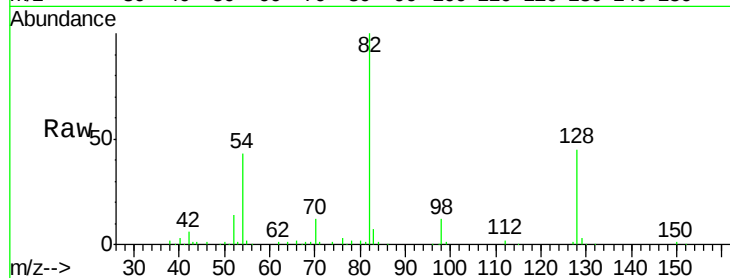




#23
 Nitrobenzene-d5
 Concen: 41.293 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

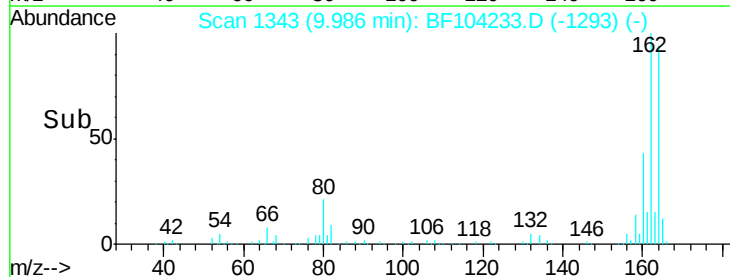
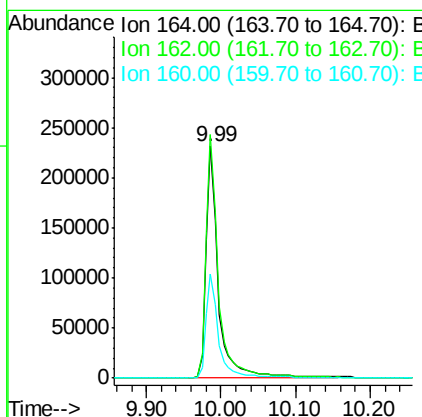
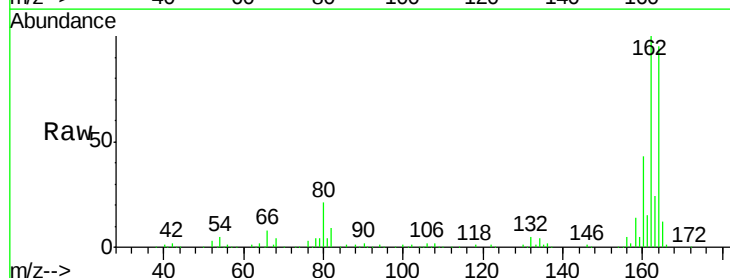
Instrument :
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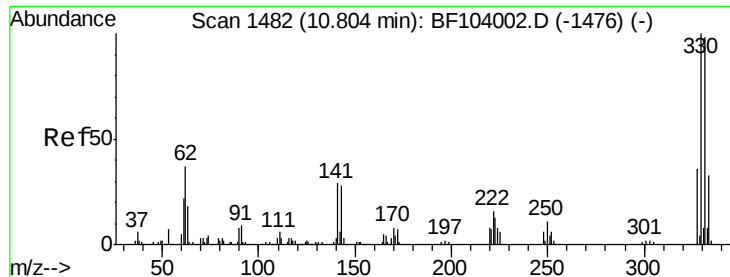
Tot Ion	82	Resp	383123
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.1	54.1
54	43.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion	164	Resp	271755
Ion Ratio	Lower	Upper	
164	100		
162	105.0	86.1	129.1
160	45.1	38.3	57.5

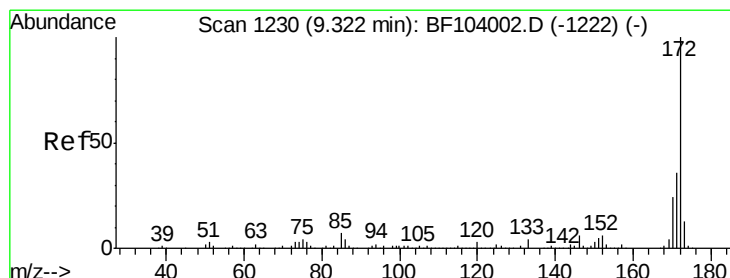
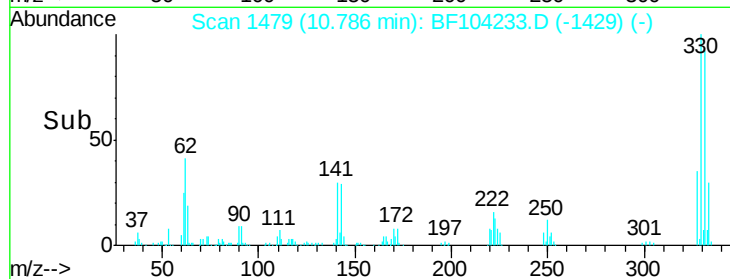
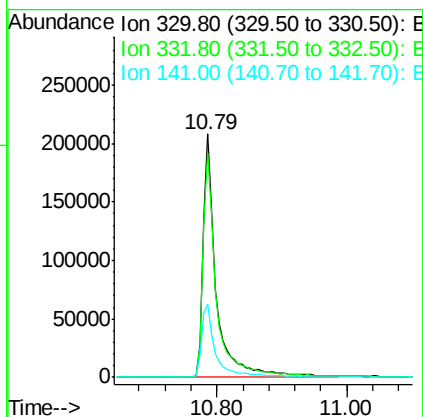
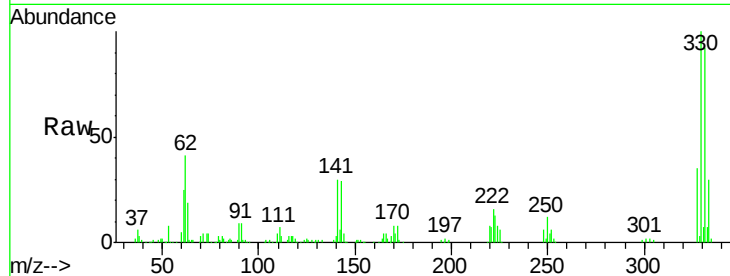




#41
 2,4,6-Tribromophenol
 Concen: 97.399 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

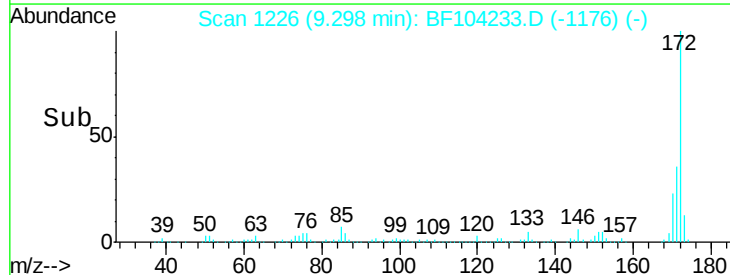
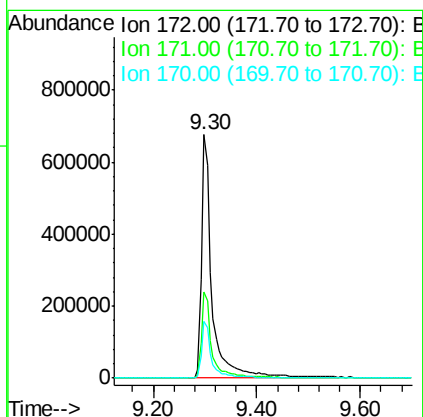
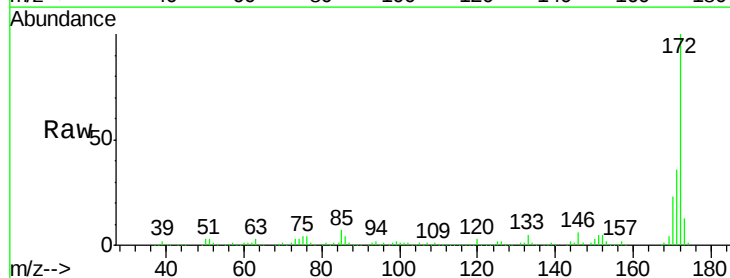
Instrument :
 BNA_F
 ClientSampleId :
 BROOK-BROOKLYN

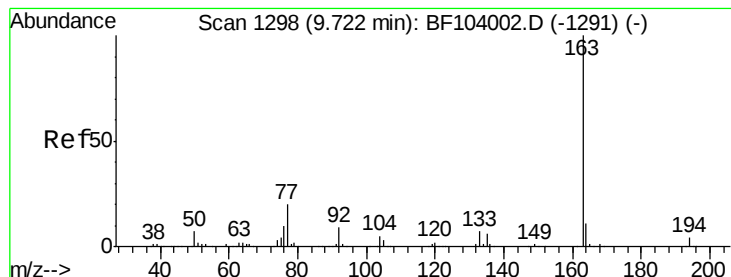
Tot Ion	330	Resp	294728
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 55.682 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion	172	Resp	959588
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.497 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

BROOK-BROOKLYN

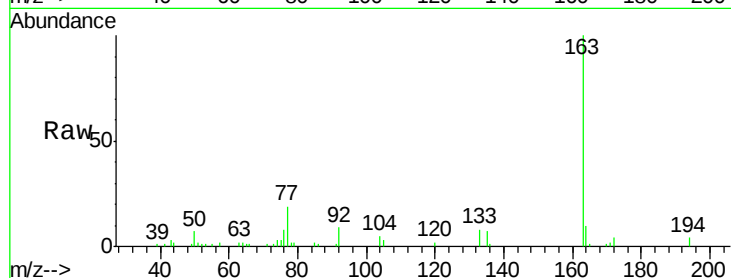
Tot Ion:163 Resp: 53571

Ion Ratio Lower Upper

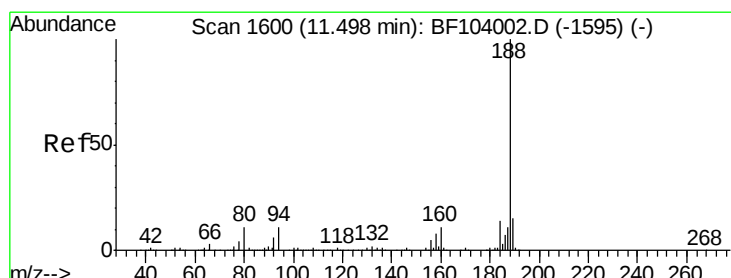
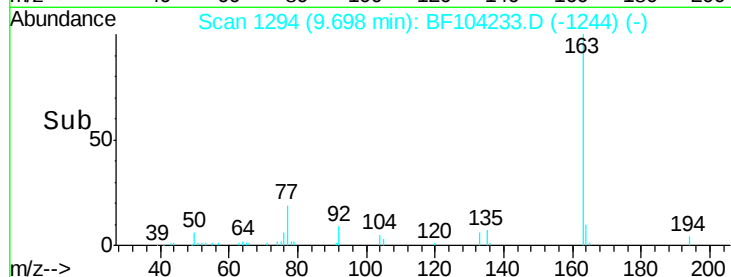
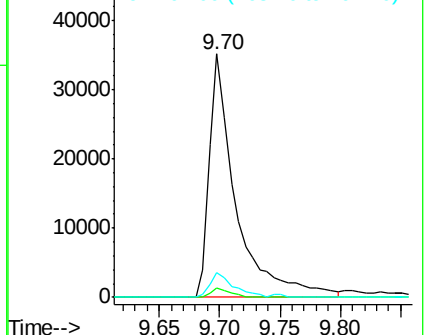
163 100

194 3.6 2.7 4.1

164 9.9 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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

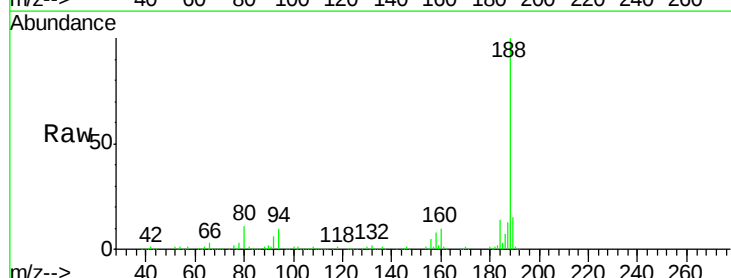
Tgt Ion:188 Resp: 517619

Ion Ratio Lower Upper

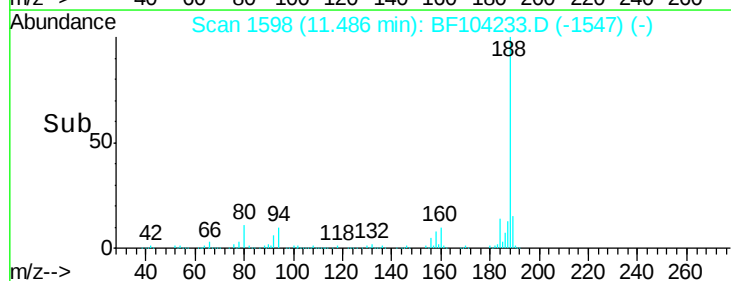
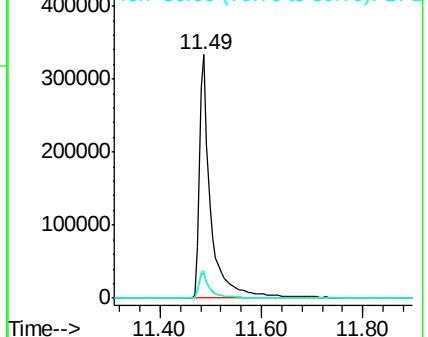
188 100

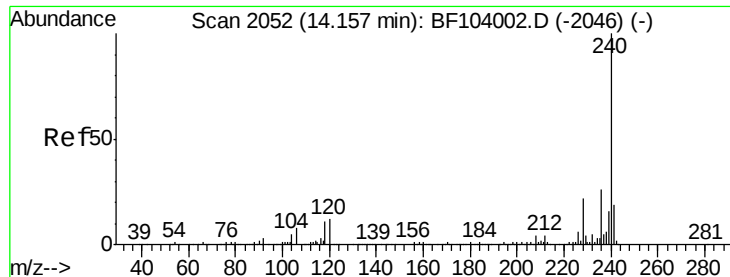
94 10.1 8.5 12.7

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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

BROOK-BROOKLYN

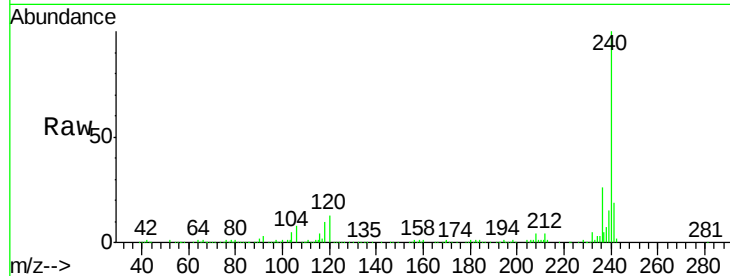
Tot Ion:240 Resp: 397964

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

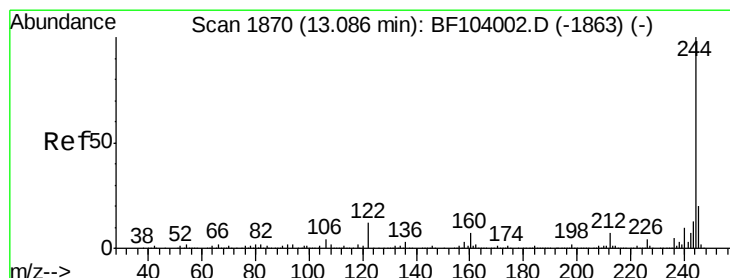
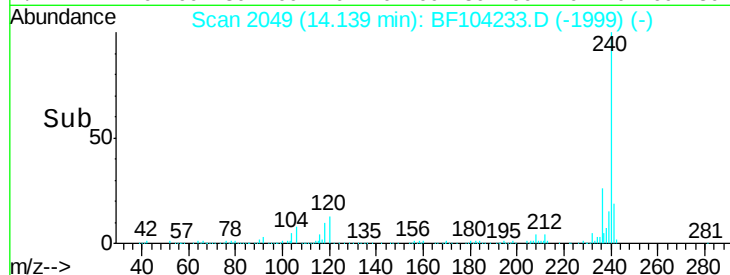
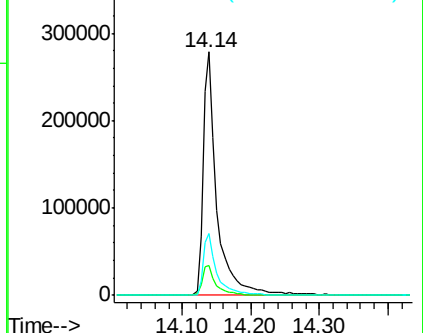
236 25.6 20.7 31.1



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: 83.742 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

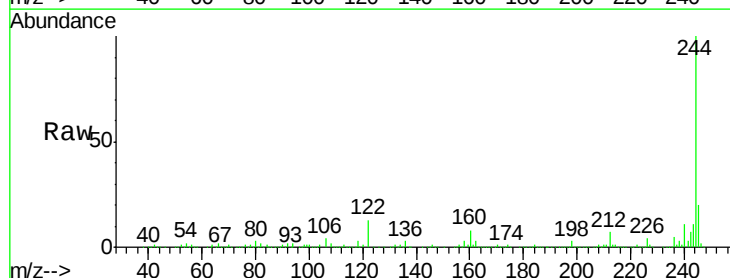
Tgt Ion:244 Resp: 1443343

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

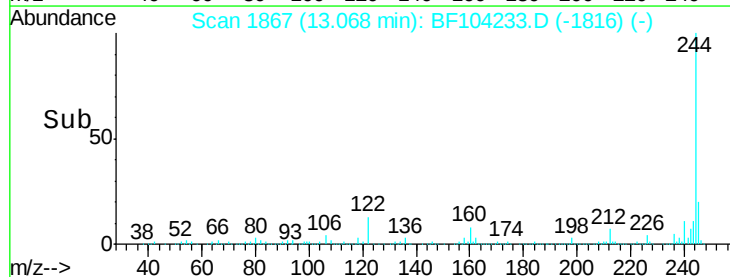
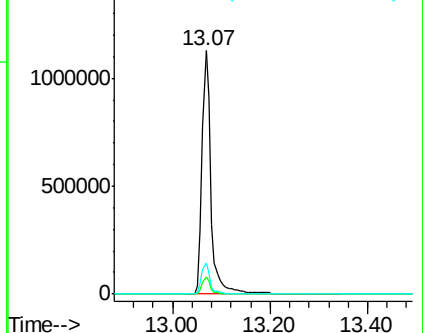
122 12.6 11.0 16.4

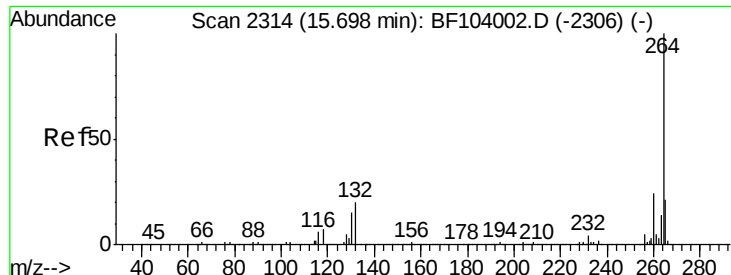


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

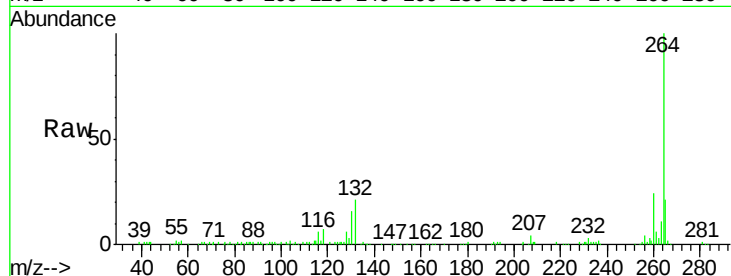




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BROOK-BROOKLYN

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	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

