

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103992.D
 Acq On : 28 Mar 2018 1:10
 Operator : JU/SJ
 Sample : J2048-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-106(2-3)

Quant Time: Mar 28 07:06:02 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

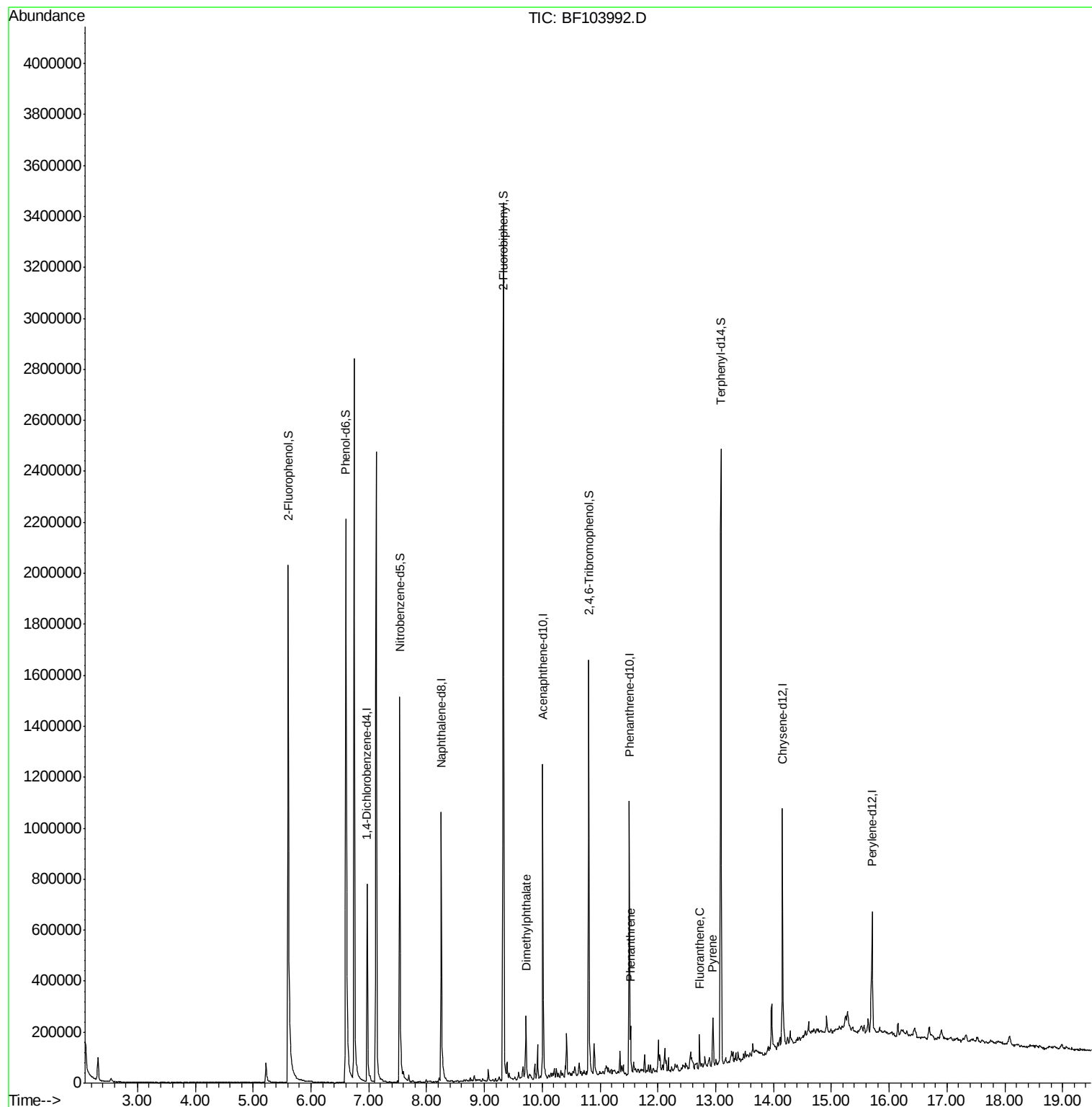
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152266	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	599891	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252384	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	394322	20.00	ng	0.00
75) Chrysene-d12	14.16	240	289070	20.00	ng	-0.01
86) Perylene-d12	15.70	264	238160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	959775	95.87	ng	0.01
7) Phenol-d6	6.60	99	1156525	94.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	667879	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	230363	106.16	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1159146	73.26	ng	0.00
78) Terphenyl-d14	13.09	244	852934	68.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	98973	5.140	ng	Qvalue # 99
70) Phenanthrene	11.53	178	59925	2.778	ng	98
74) Fluoranthene	12.72	202	46160	2.077	ng	98
77) Pyrene	12.95	202	76530	3.605	ng	98

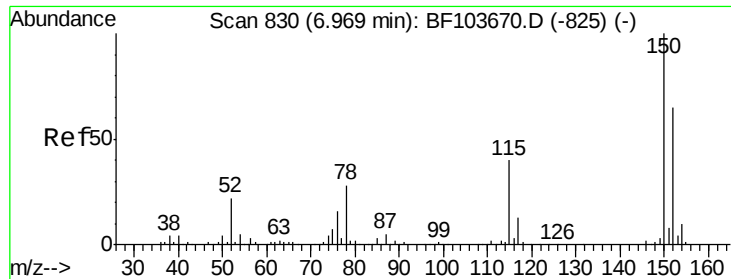
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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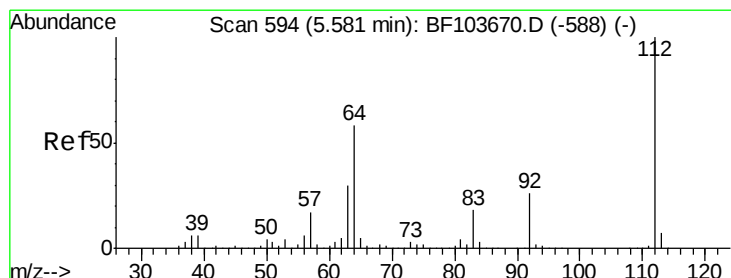
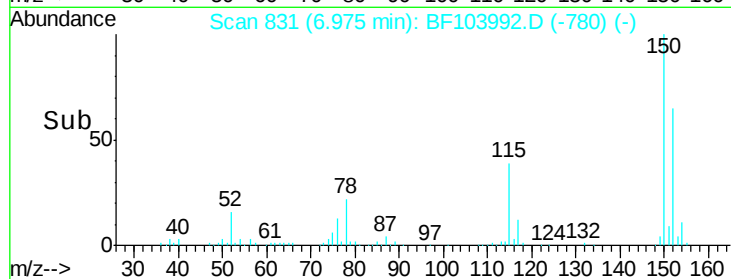
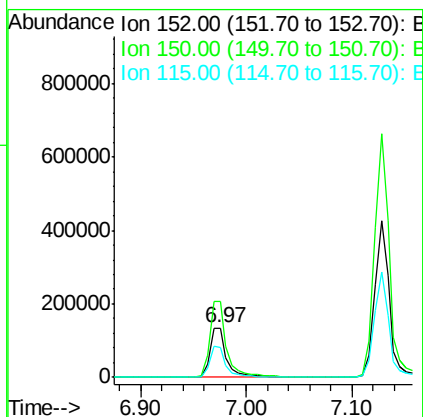
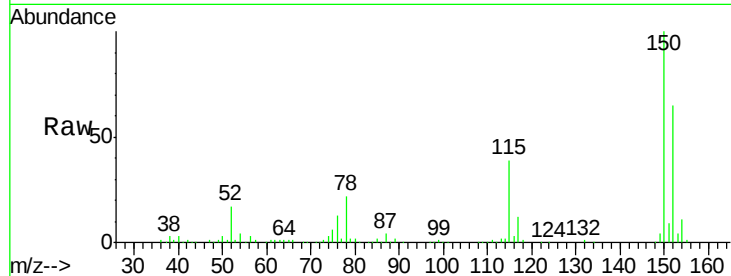


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :
SB-106(2-3)

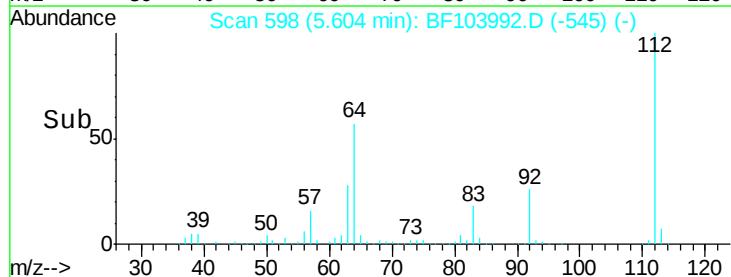
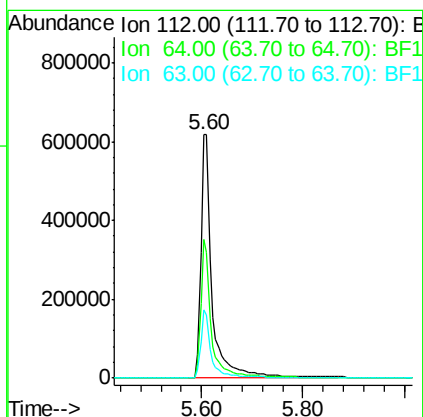
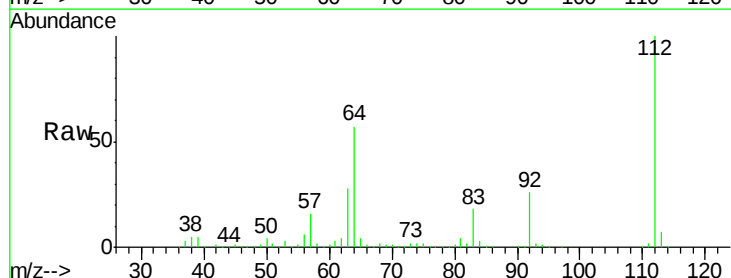
Tot Ion:152 Resp: 152266
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 59.5 50.1 75.1



#5

2-Fluorophenol
Concen: 95.872 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:112 Resp: 959775
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 94.428 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Instrument :

BNA_F

ClientSampleId :

SB-106(2-3)

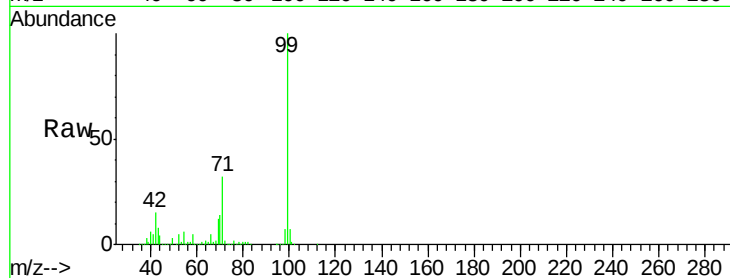
Tot Ion: 99 Resp: 1156525

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

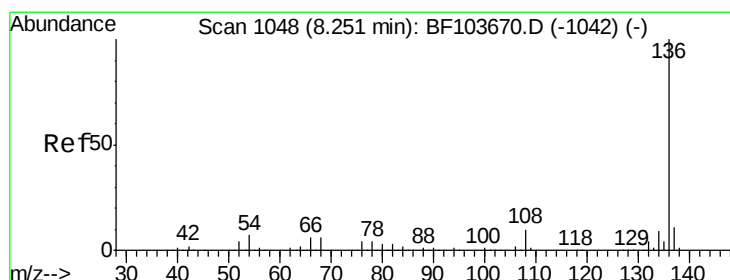
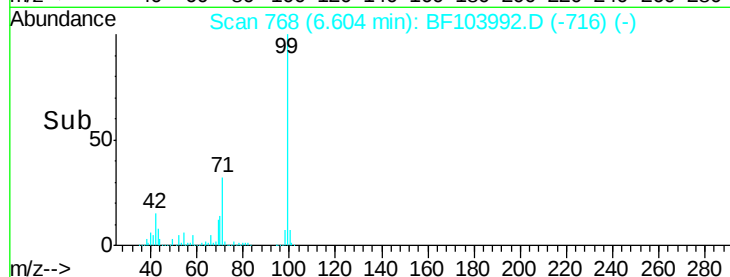
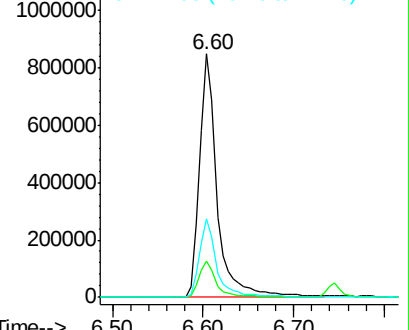
71 32.3 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Tgt Ion: 136 Resp: 599891

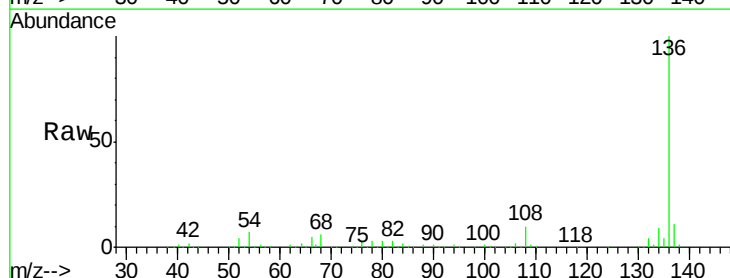
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 6.4 5.0 7.4

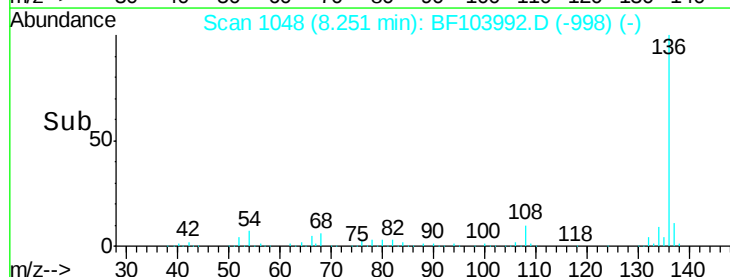
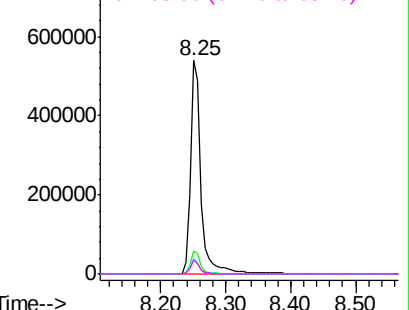


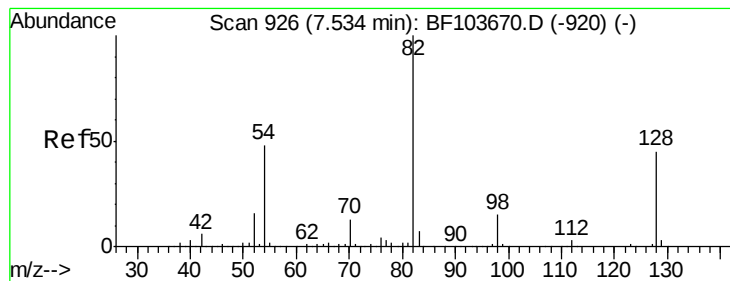
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.639 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Instrument :

BNA_F

ClientSampleId :

SB-106(2-3)

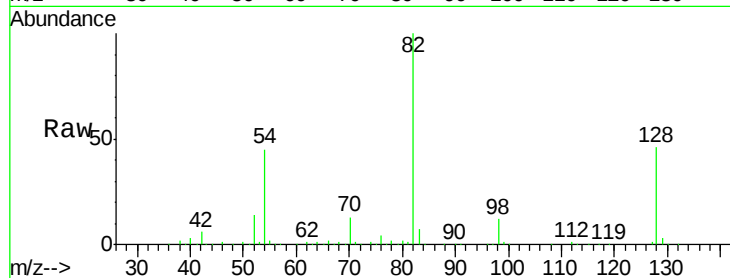
Tot Ion: 82 Resp: 667879

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

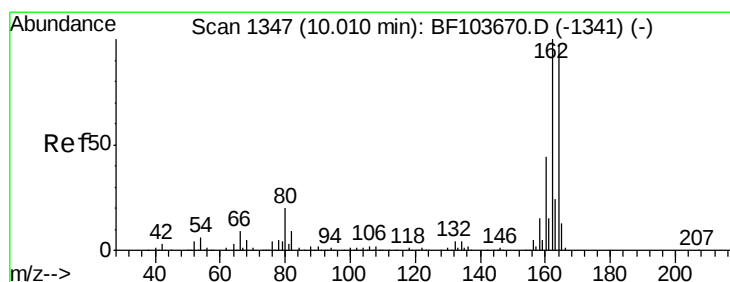
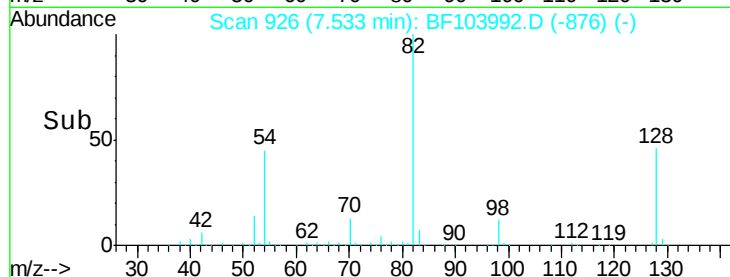
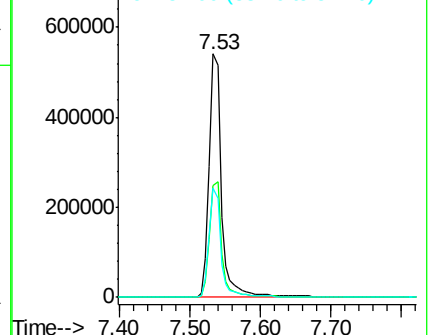
54 44.9 41.4 62.2



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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

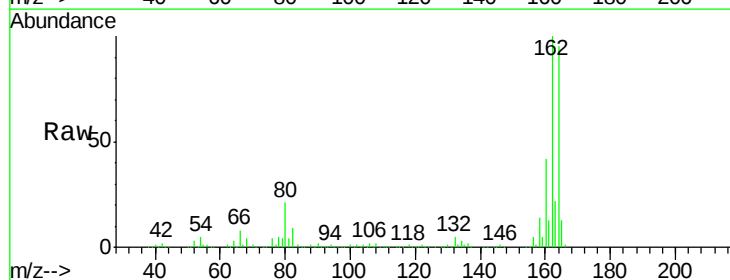
Tgt Ion: 164 Resp: 252384

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

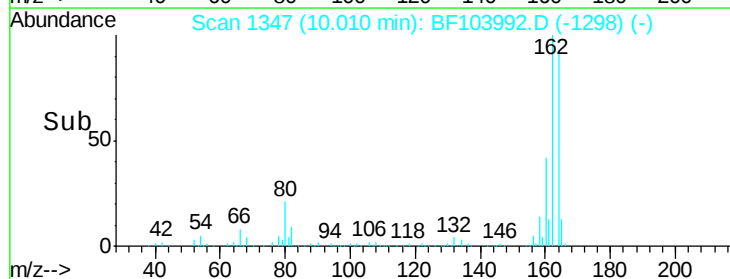
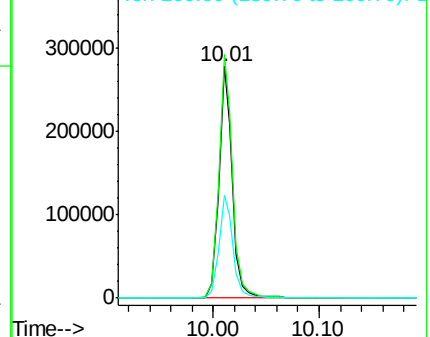
160 44.3 38.3 57.5

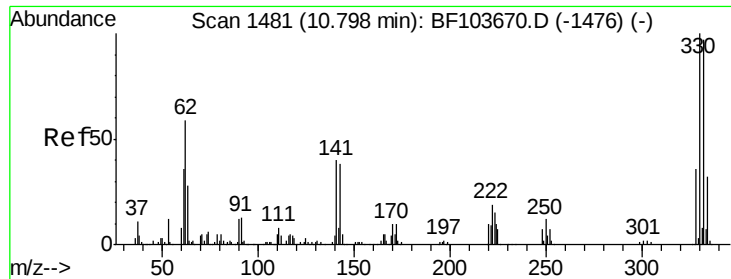


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

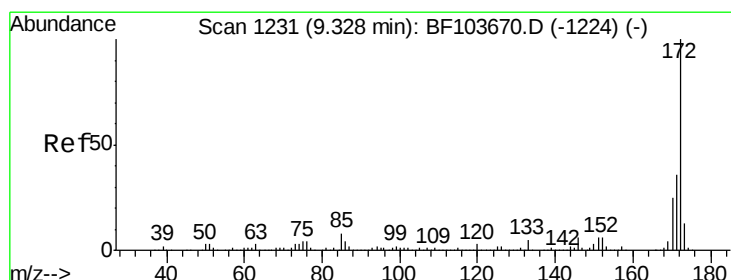
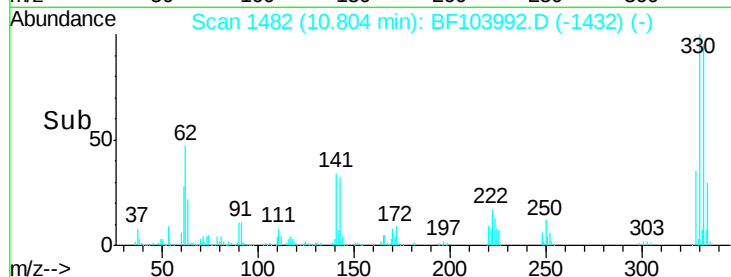
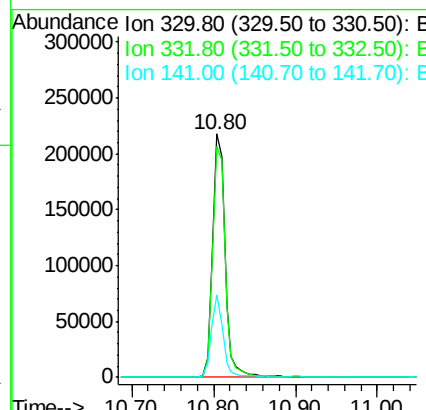
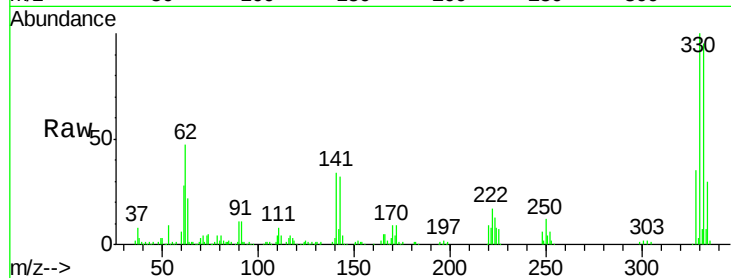




#41
 2,4,6-Tribromophenol
 Concen: 106.157 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103992.D
 Acq: 28 Mar 2018 1:10

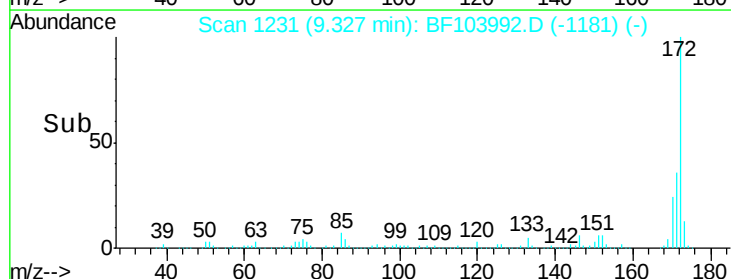
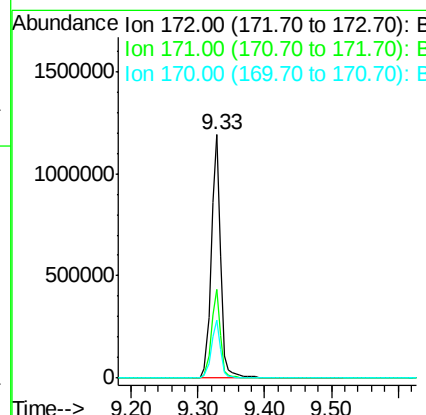
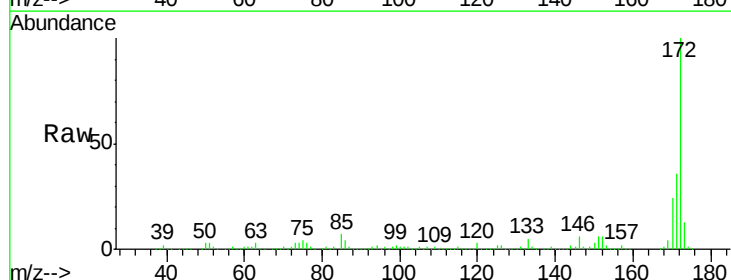
Instrument :
 BNA_F
 ClientSampleId :
 SB-106(2-3)

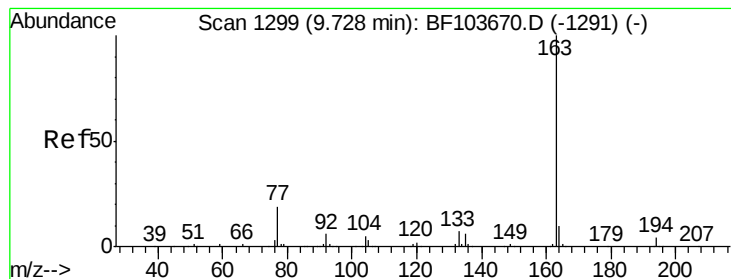
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.262 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103992.D
 Acq: 28 Mar 2018 1:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 5.140 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Instrument :

BNA_F

ClientSampled :

SB-106(2-3)

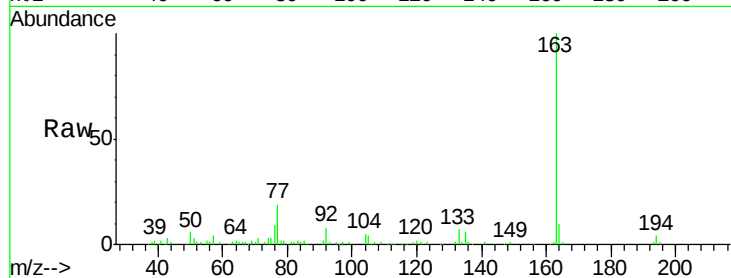
Tot Ion:163 Resp: 98973

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

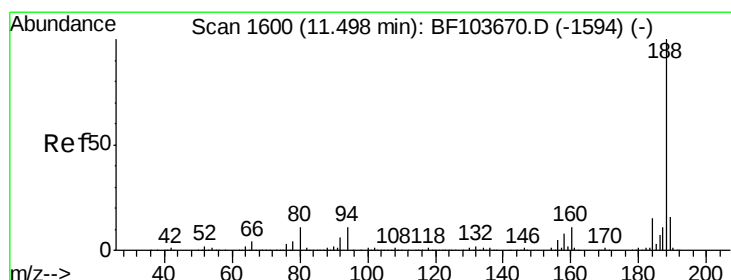
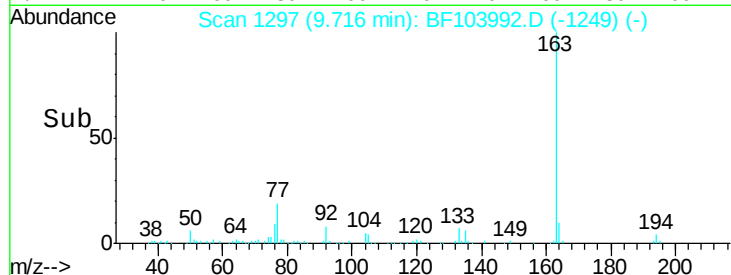
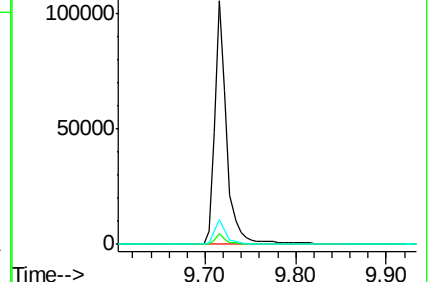
164 10.3 8.2 12.2



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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

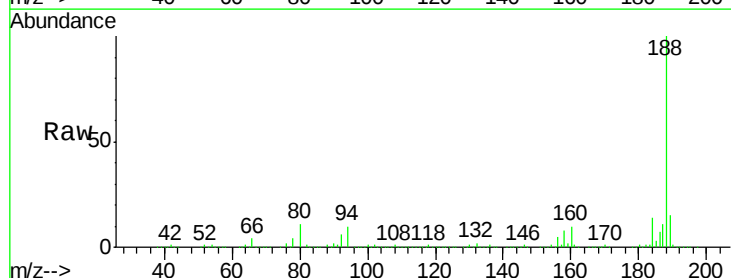
Tgt Ion:188 Resp: 394322

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

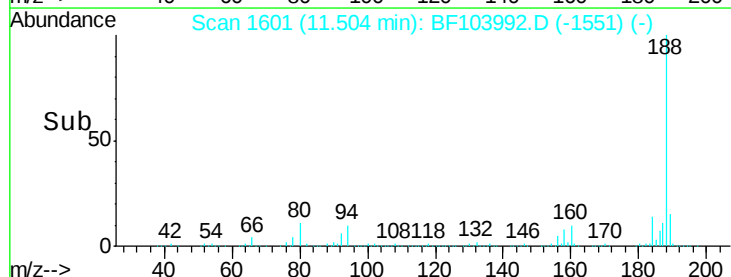
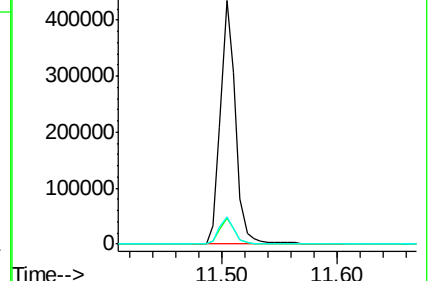
80 11.4 9.2 13.8

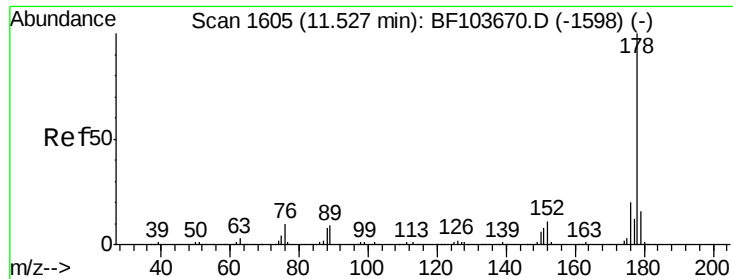


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

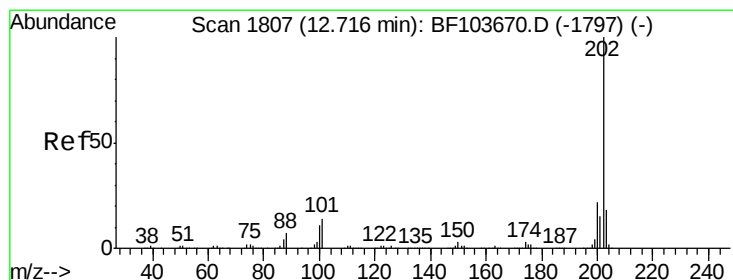
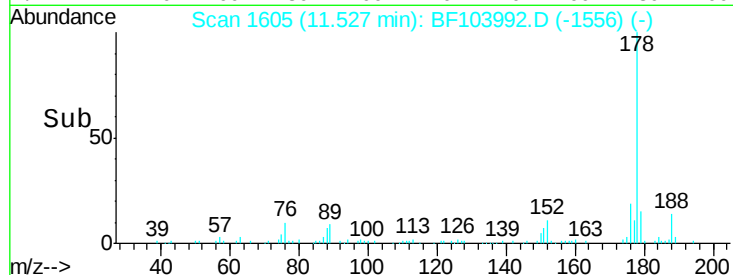
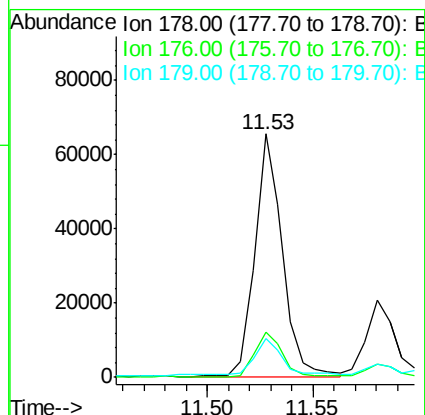
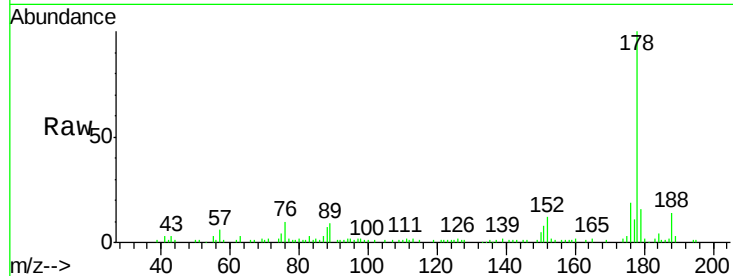




#70
Phenanthrene
Concen: 2.778 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

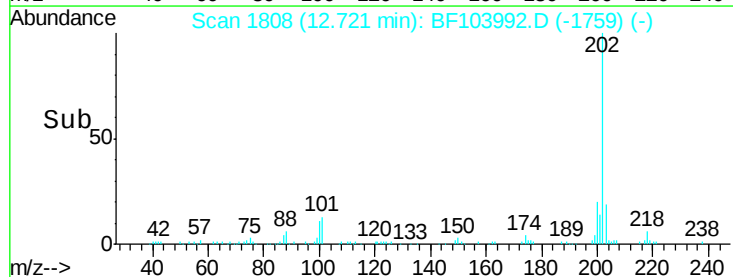
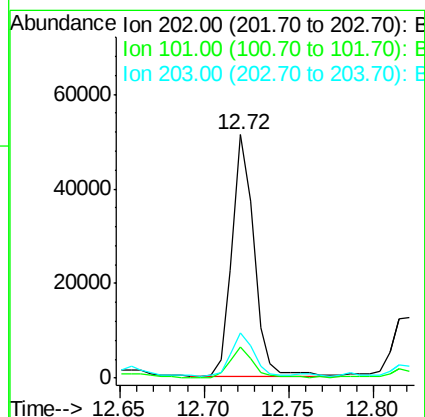
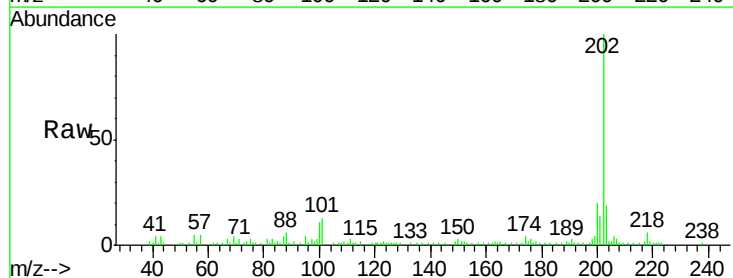
Instrument :
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SB-106(2-3)

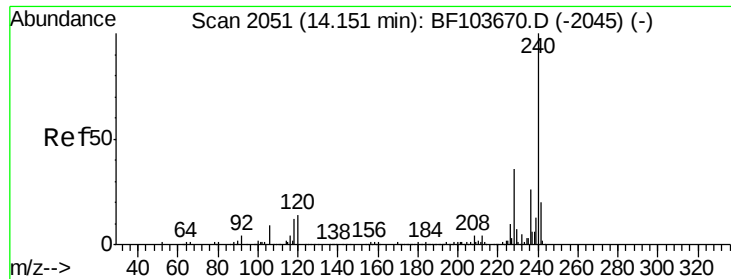
Tot Ion:178 Resp: 59925
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.9 13.0 19.6



#74
Fluoranthene
Concen: 2.077 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:202 Resp: 46160
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 18.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Instrument :

BNA_F

ClientSampleId :

SB-106(2-3)

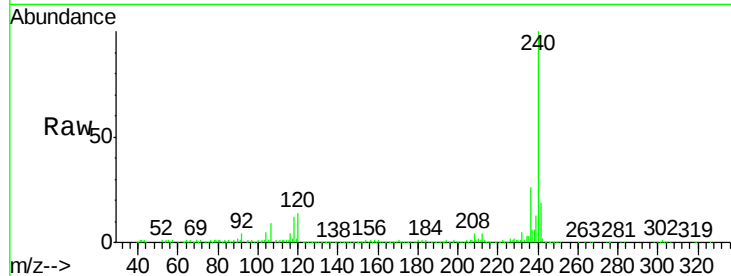
Tot Ion:240 Resp: 289070

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

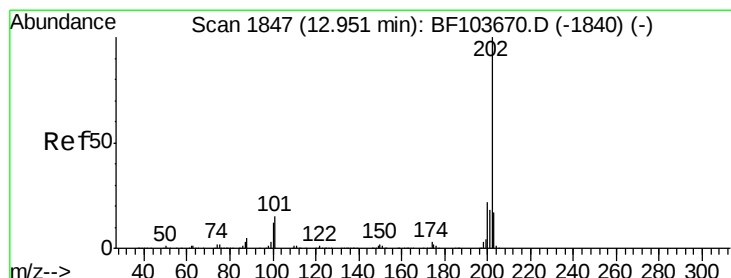
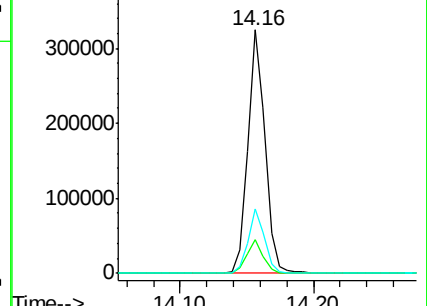
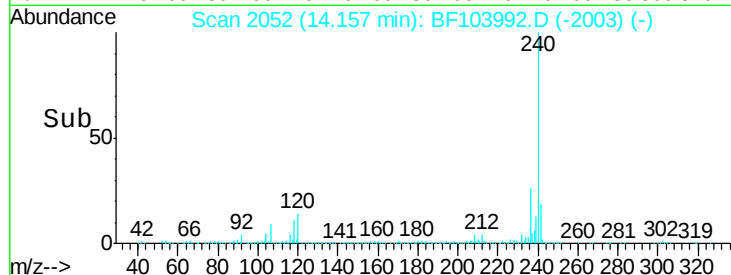
236 26.3 20.7 31.1



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



#77

Pyrene

Concen: 3.605 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

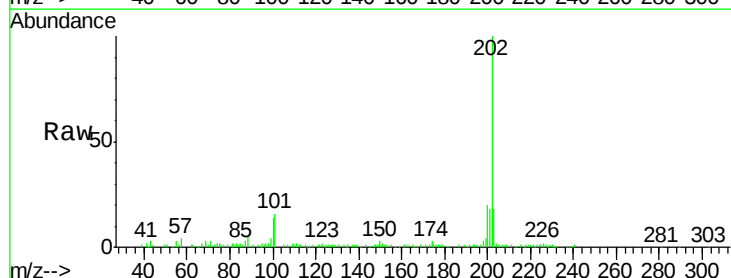
Tgt Ion:202 Resp: 76530

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

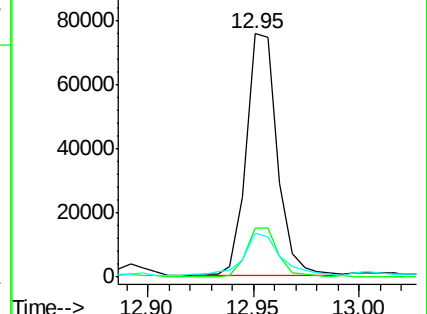
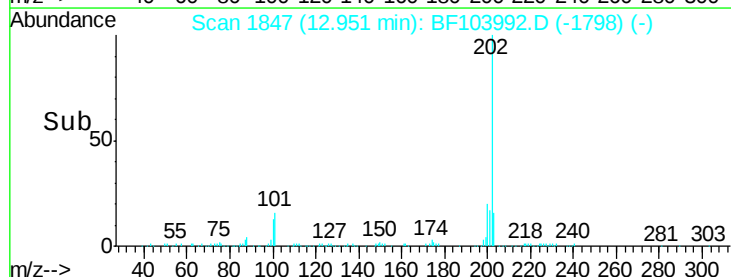
203 17.9 14.3 21.5

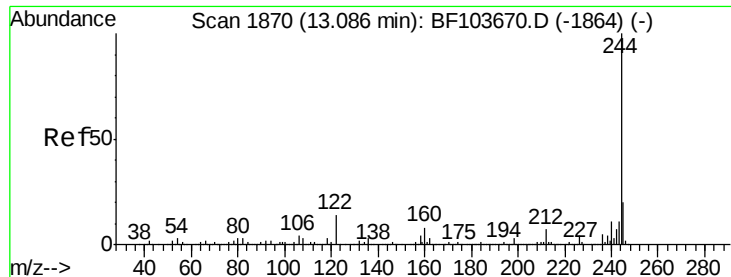


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.488 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

Instrument :

BNA_F

ClientSampleId :

SB-106(2-3)

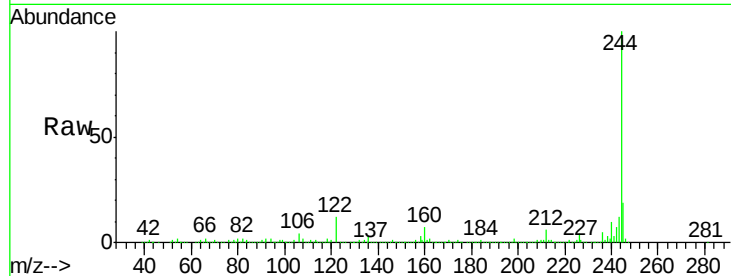
Tot Ion:244 Resp: 852934

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

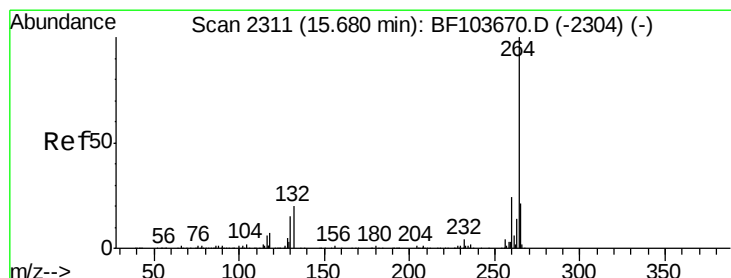
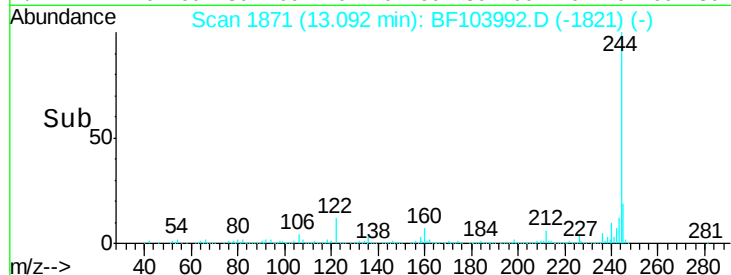
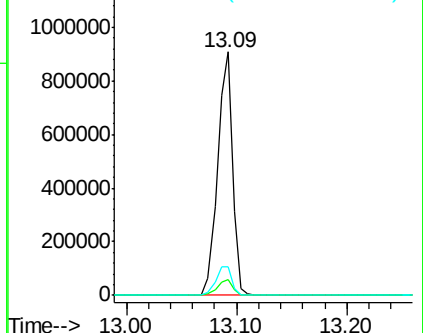
122 11.7 11.0 16.4



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: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103992.D

Acq: 28 Mar 2018 1:10

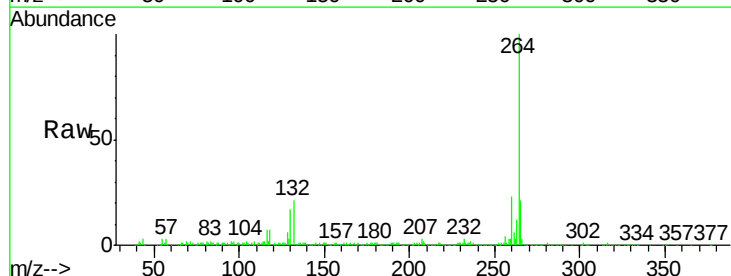
Tgt Ion:264 Resp: 238160

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.8 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

