

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104590.D
 Acq On : 18 Apr 2018 10:13
 Operator : JU/SJ
 Sample : J2387-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180245-AMEND-COMP-B

Quant Time: Apr 18 12:02:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

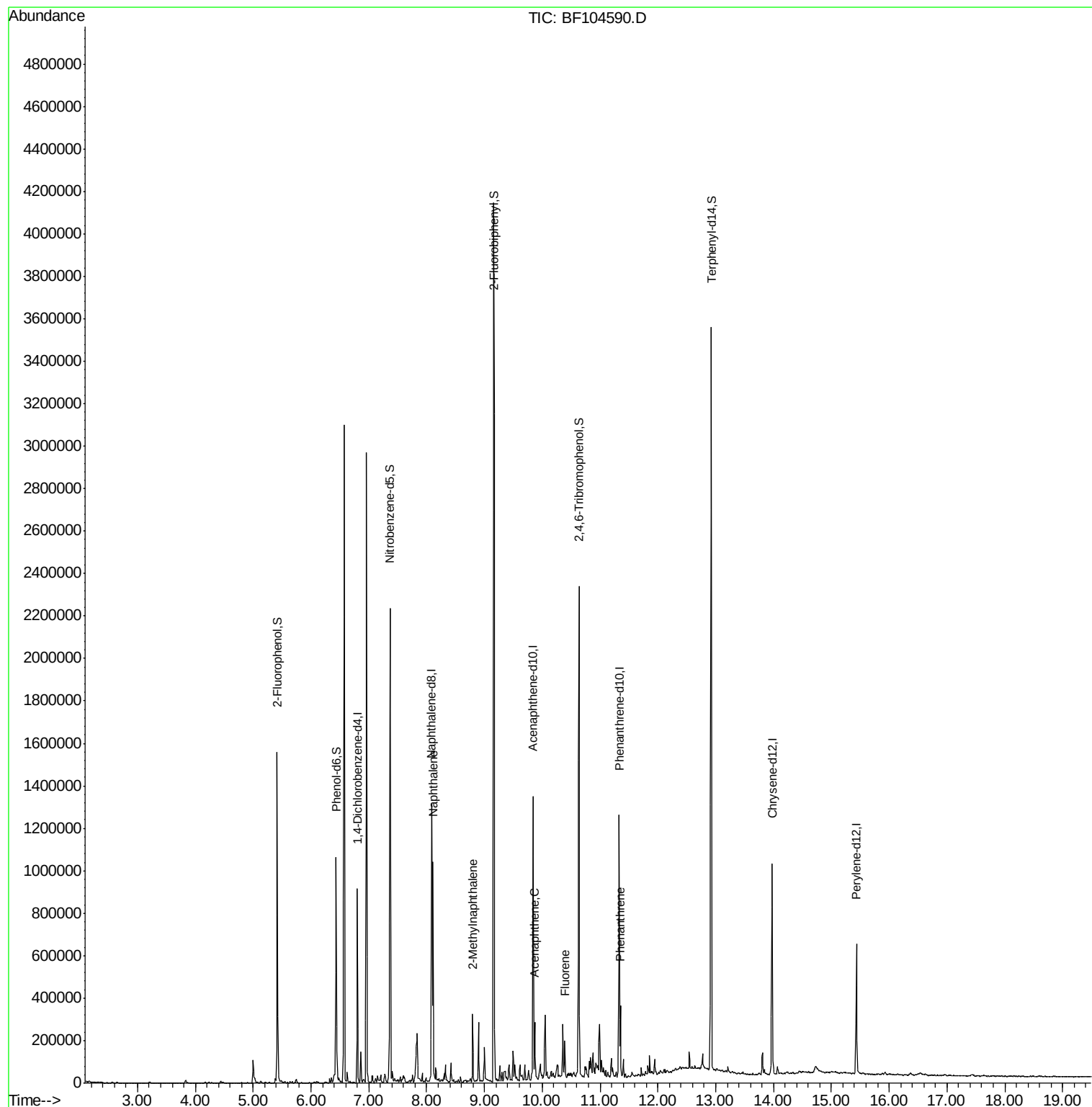
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133433	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550235	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	252862	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	451353	20.00	ng	0.00
75) Chrysene-d12	13.97	240	313200	20.00	ng	0.00
86) Perylene-d12	15.43	264	259704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	466772	53.49	ng	0.00
7) Phenol-d6	6.43	99	338383	31.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	834666	99.05	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	329330	125.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1374977	85.90	ng	0.00
78) Terphenyl-d14	12.92	244	1320778	96.14	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	468256	17.090	ng	100
37) 2-Methylnaphthalene	8.80	142	73002	4.119	ng	99
51) Acenaphthene	9.87	154	49738	3.097	ng	97
57) Fluorene	10.39	166	37330	2.291	ng	98
70) Phenanthrene	11.35	178	109108	4.341	ng	97

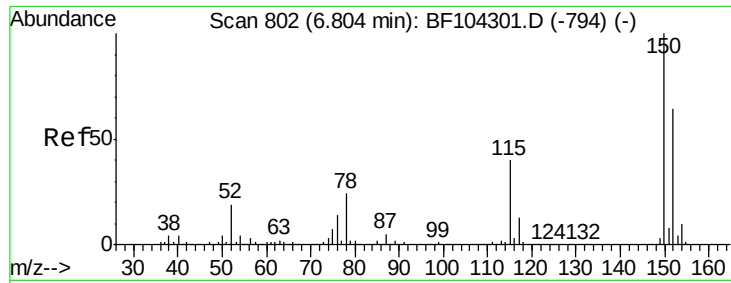
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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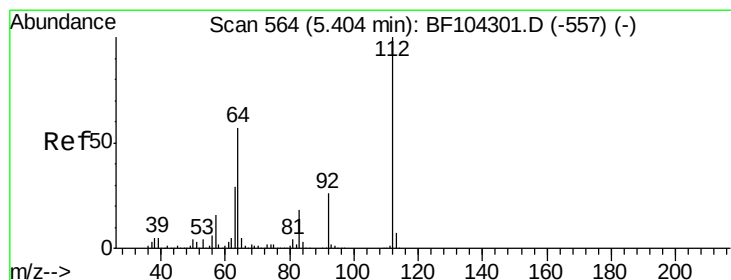
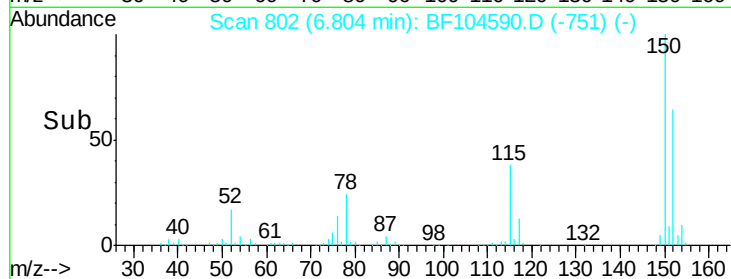
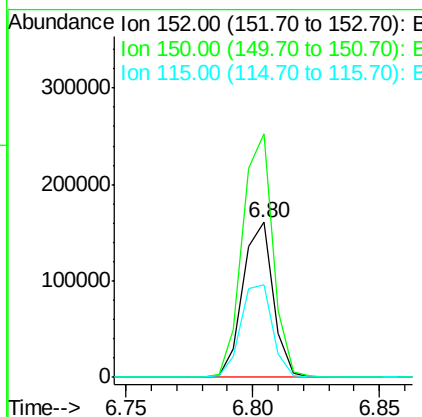
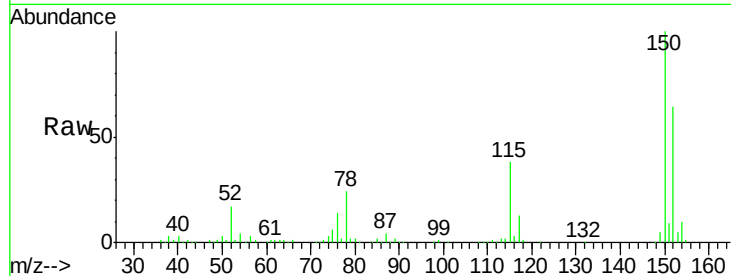


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

Instrument :
BNA_F
ClientSampleId :
20180245-AMEND-COMP-B

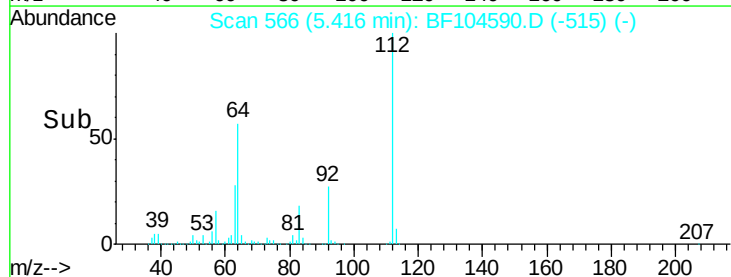
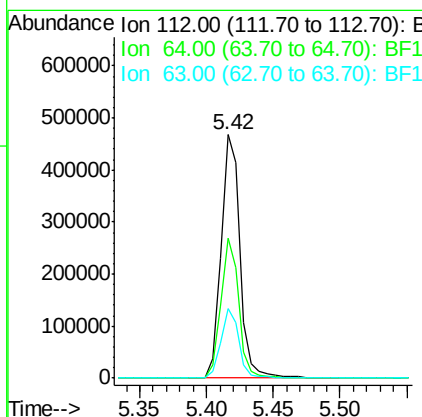
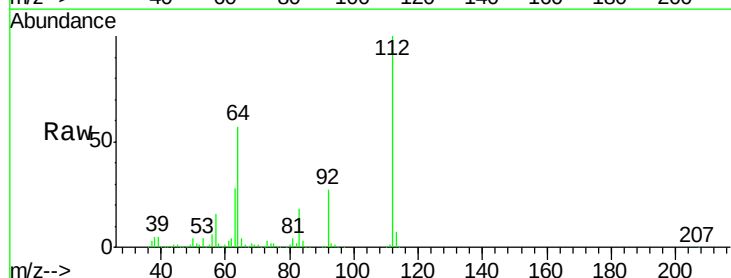
Tot Ion:152 Resp: 133433
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.9 50.1 75.1

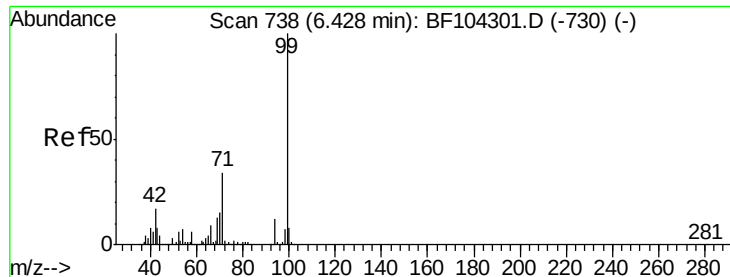


#5

2-Fluorophenol
Concen: 53.489 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

Tgt Ion:112 Resp: 466772
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 31.560 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

Instrument :

BNA_F

ClientSampleId :

20180245-AMEND-COMP-B

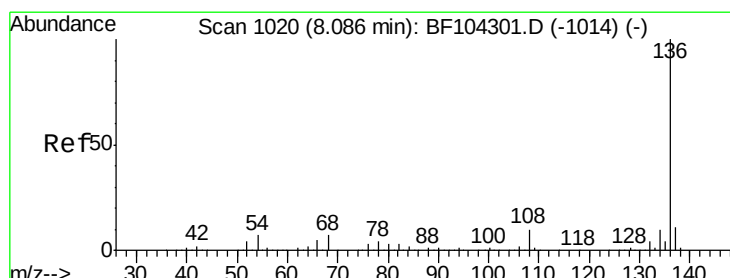
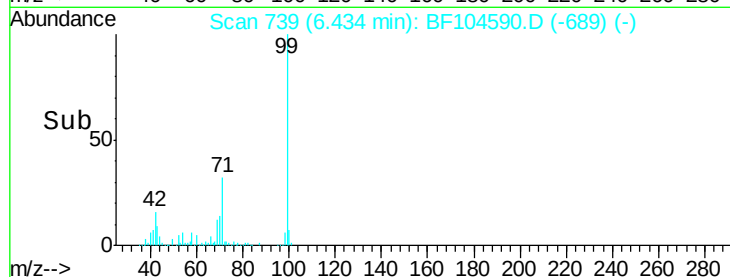
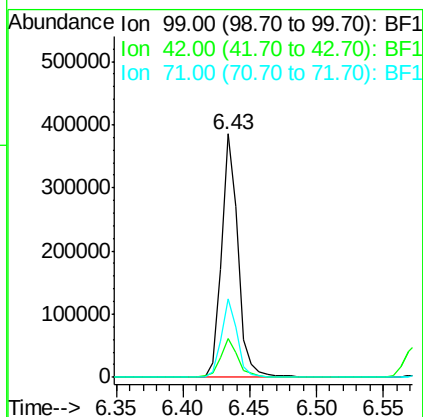
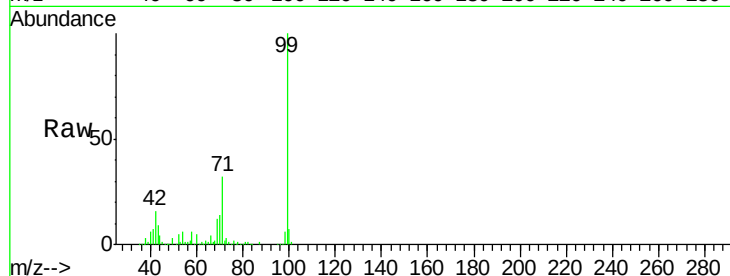
Tot Ion: 99 Resp: 338383

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

Tgt Ion: 136 Resp: 550235

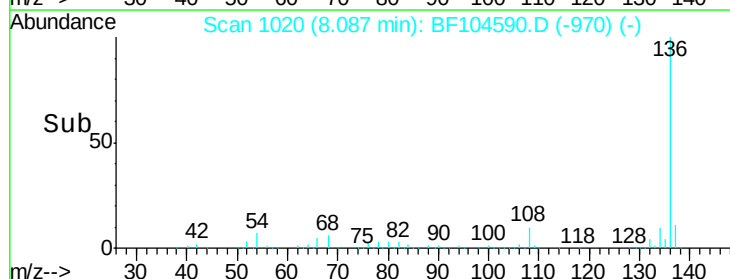
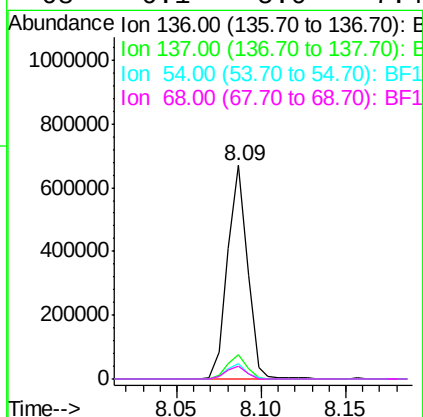
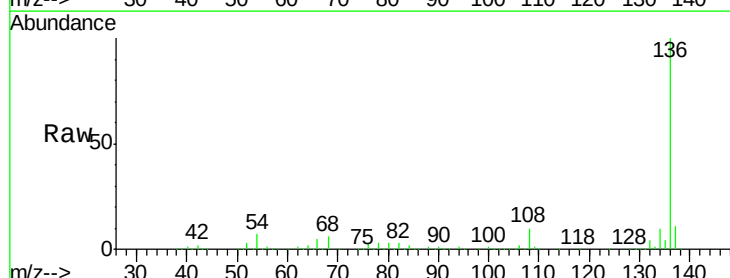
Ion Ratio Lower Upper

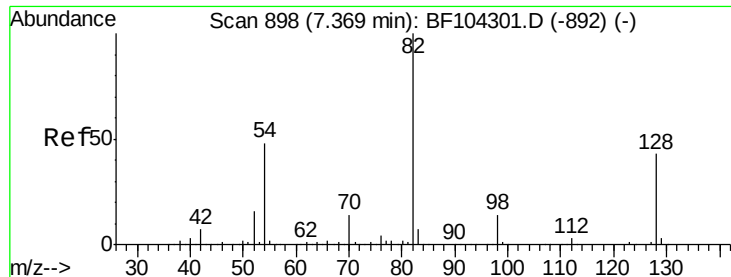
136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.052 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

Instrument :

BNA_F

ClientSampleId :

20180245-AMEND-COMP-B

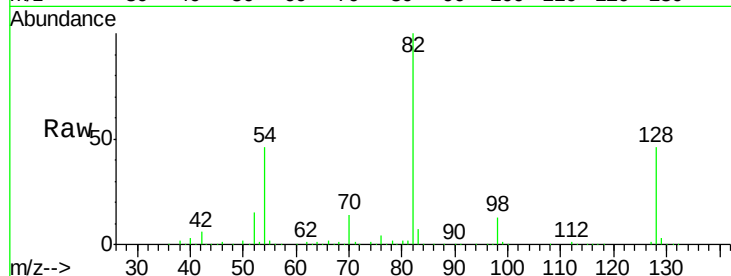
Tot Ion: 82 Resp: 834666

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

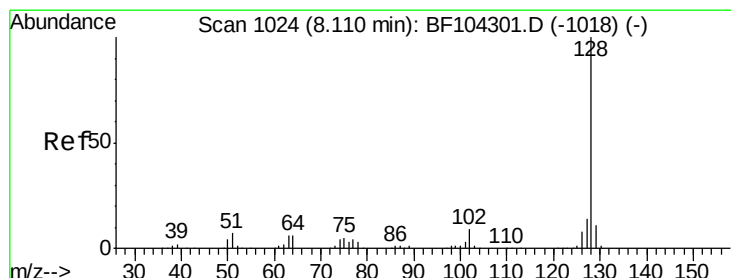
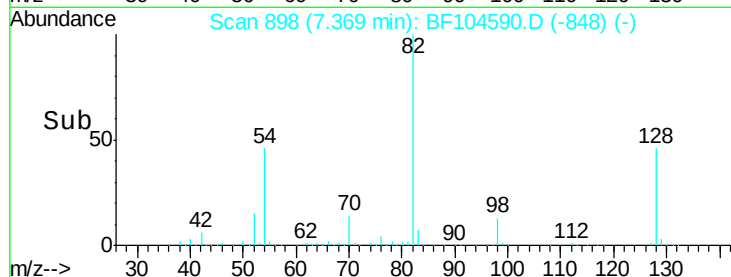
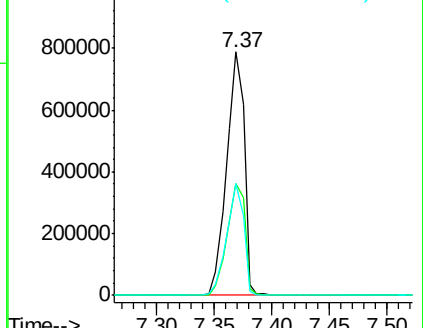
54 46.0 41.4 62.2



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



#31

Naphthalene

Concen: 17.090 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

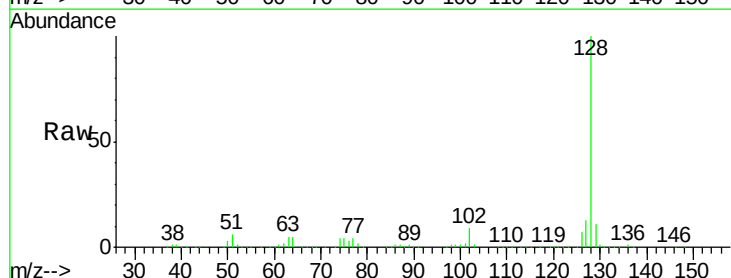
Tgt Ion: 128 Resp: 468256

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

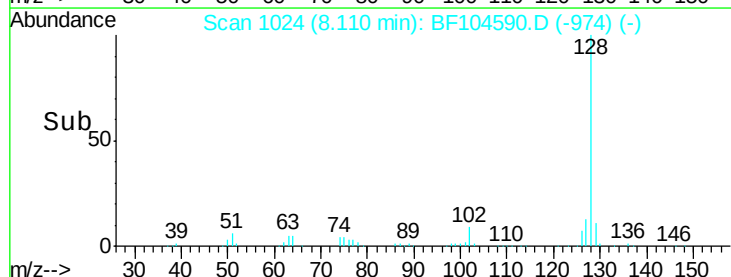
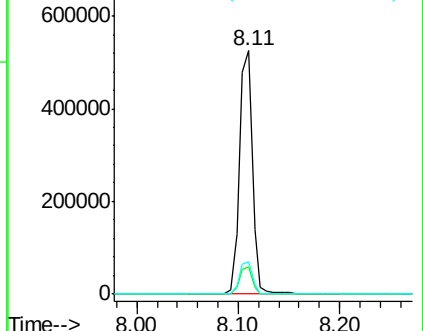
127 13.3 10.9 16.3

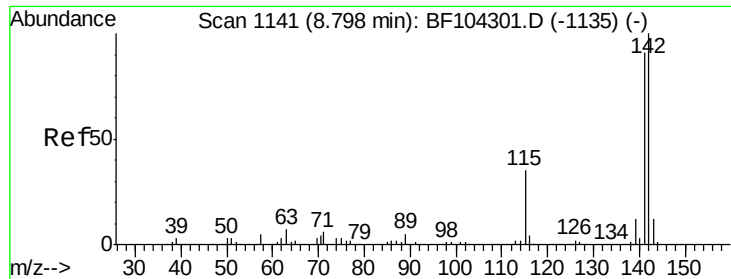


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

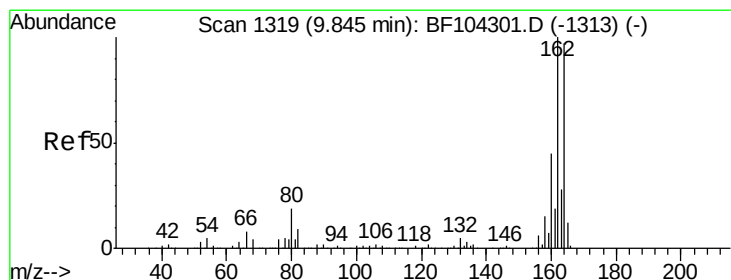
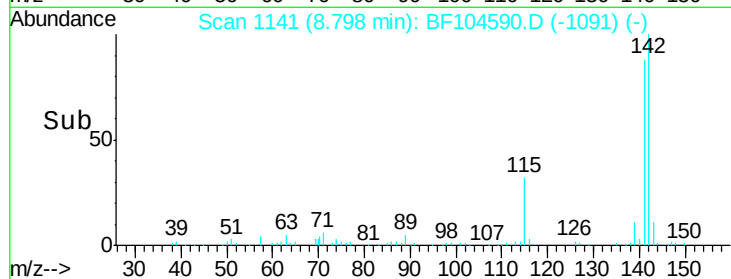
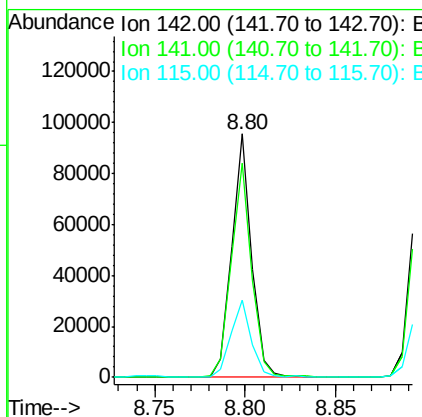
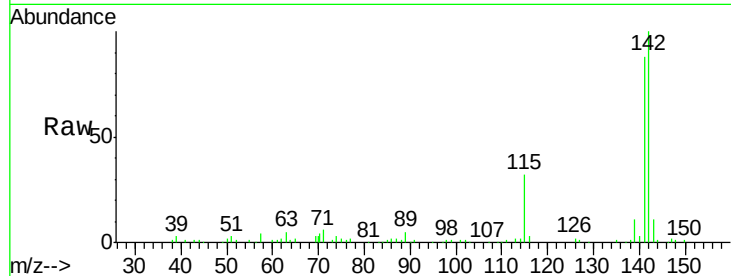




#37
2-Methylnaphthalene
Concen: 4.119 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

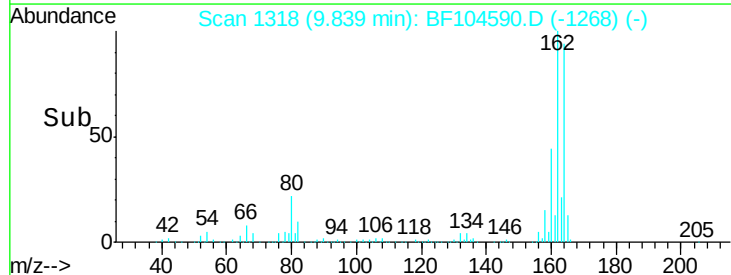
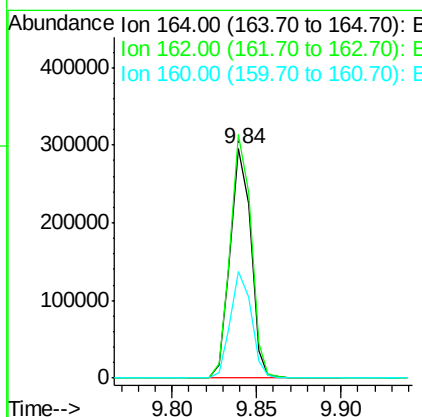
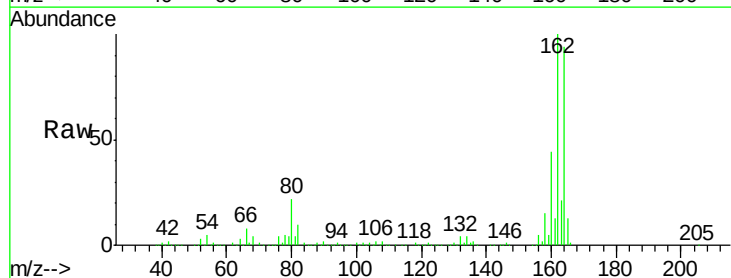
Instrument :
BNA_F
ClientSampleId :
20180245-AMEND-COMP-B

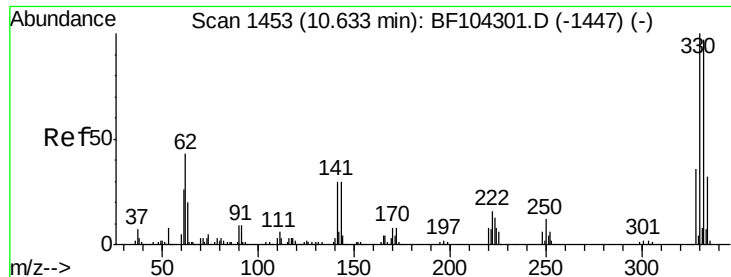
Tot Ion:142 Resp: 73002
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 31.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

Tgt Ion:164 Resp: 252862
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.5 38.3 57.5

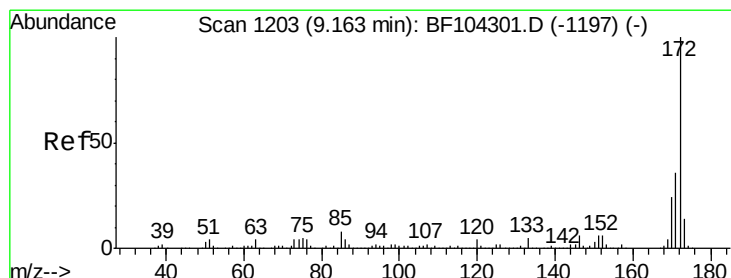
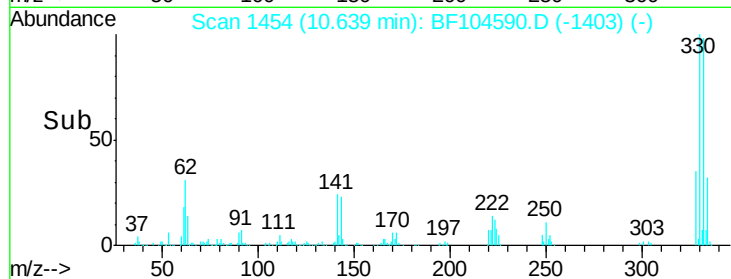
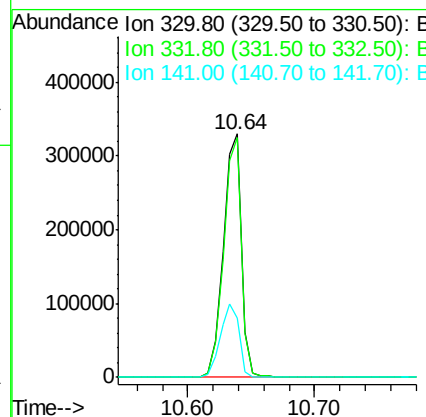
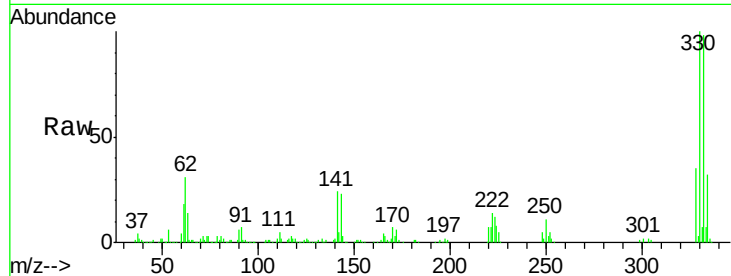




#41
 2,4,6-Tribromophenol
 Concen: 125.554 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104590.D
 Acq: 18 Apr 2018 10:13

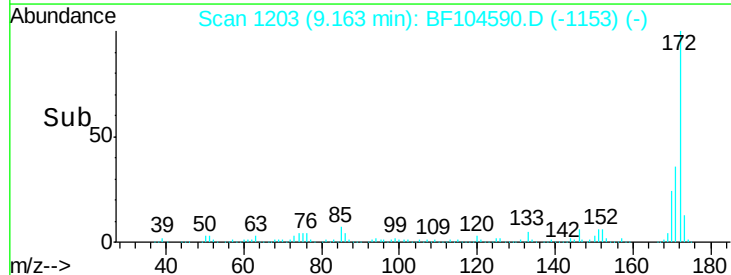
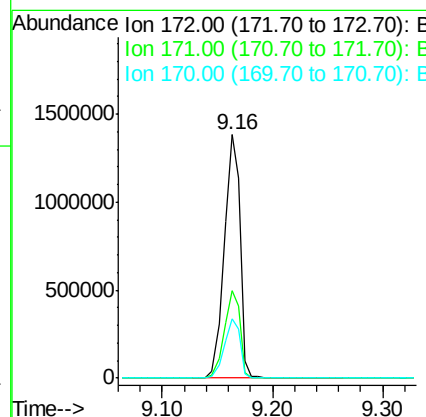
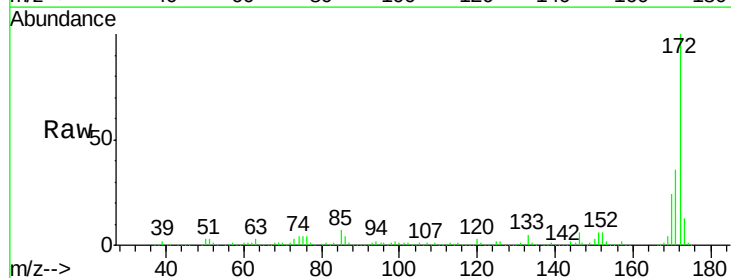
Instrument :
 BNA_F
 ClientSampleId :
 20180245-AMEND-COMP-B

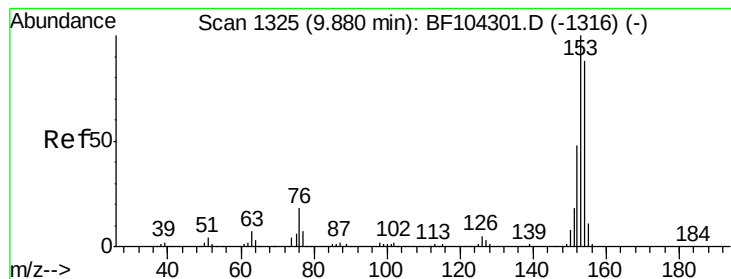
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.901 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104590.D
 Acq: 18 Apr 2018 10:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





#51

Acenaphthene

Concen: 3.097 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

Instrument :

BNA_F

ClientSampleId :

20180245-AMEND-COMP-B

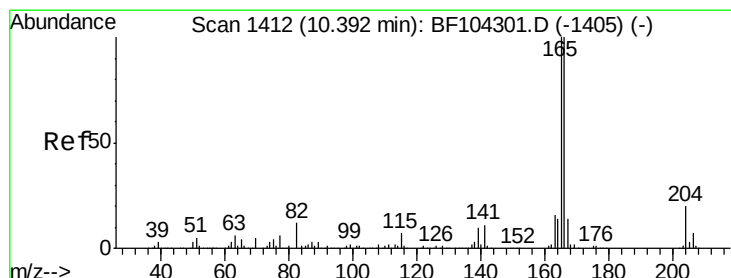
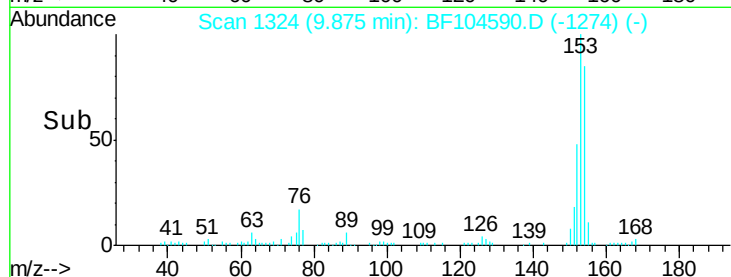
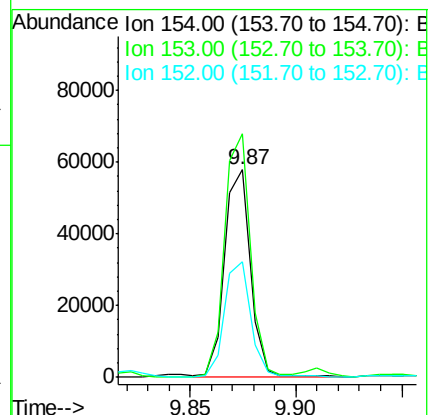
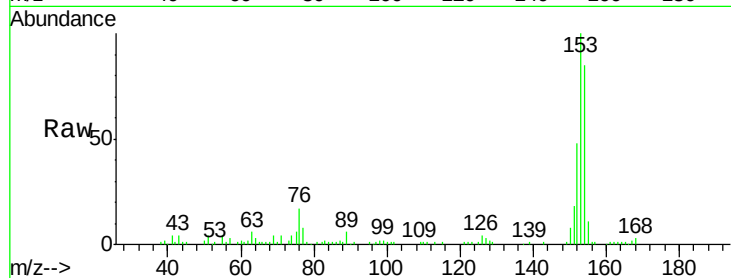
Tot Ion:154 Resp: 49738

Ion Ratio Lower Upper

154 100

153 117.3 91.2 136.8

152 55.9 43.8 65.8



#57

Fluorene

Concen: 2.291 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104590.D

Acq: 18 Apr 2018 10:13

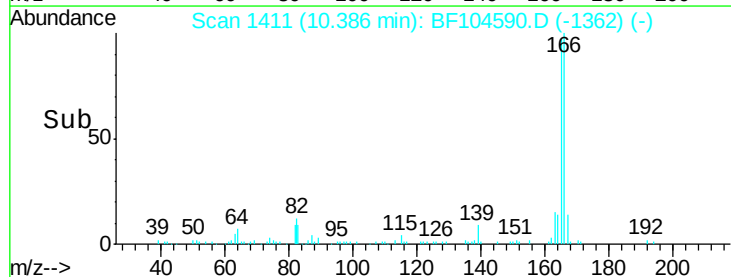
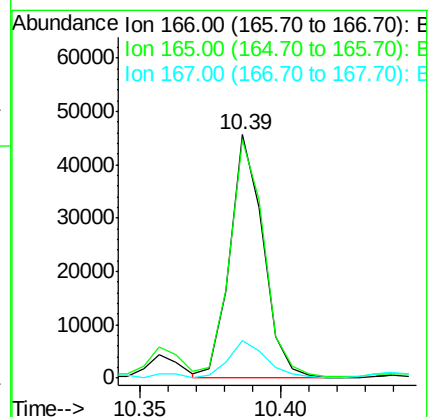
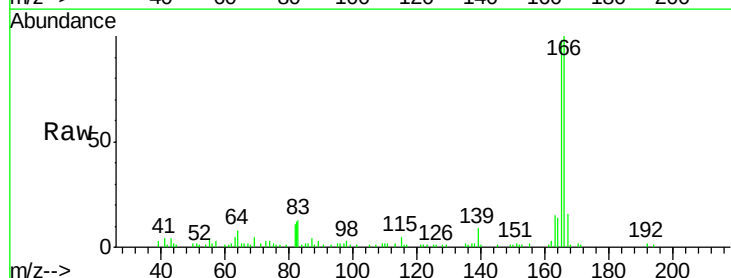
Tgt Ion:166 Resp: 37330

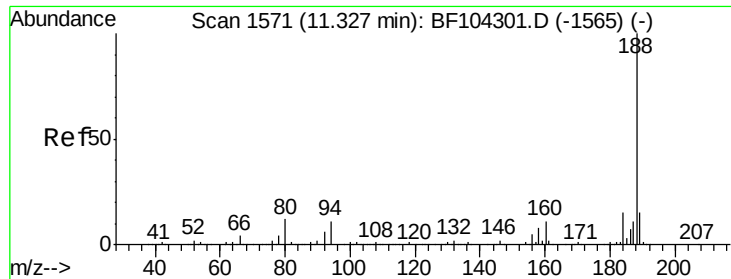
Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

167 15.5 10.6 16.0

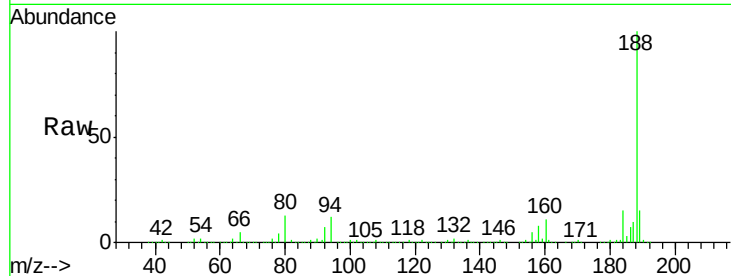




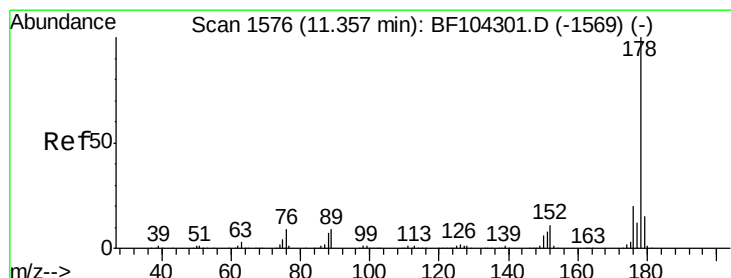
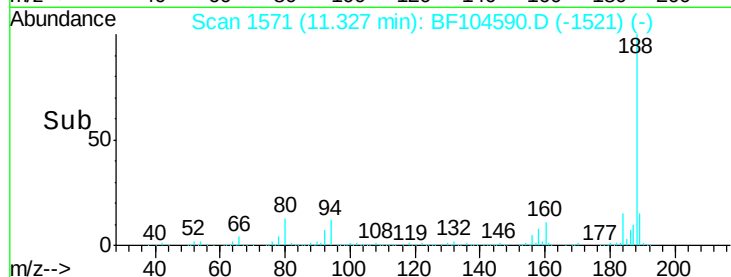
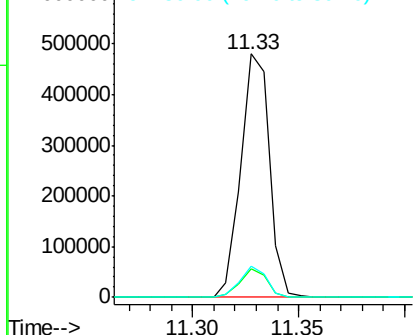
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

Instrument :
BNA_F
ClientSampleId :
20180245-AMEND-COMP-B

Tot Ion:188 Resp: 451353
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.8 9.2 13.8

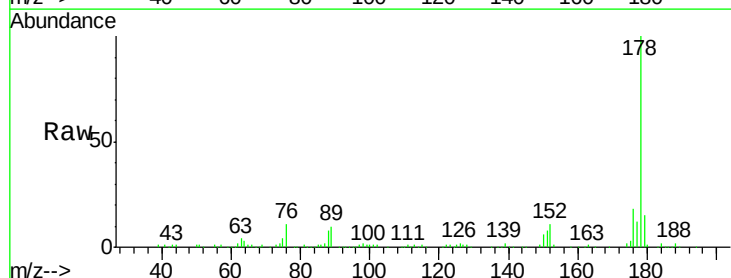


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

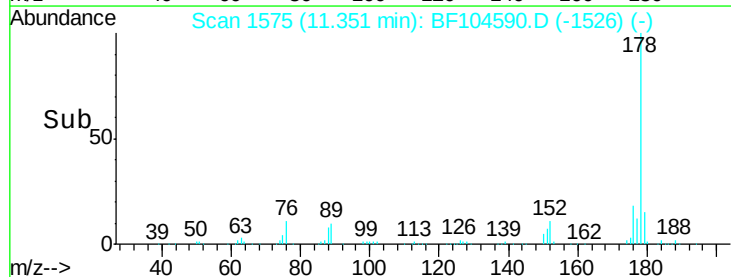
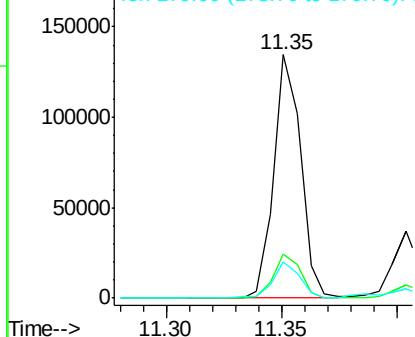


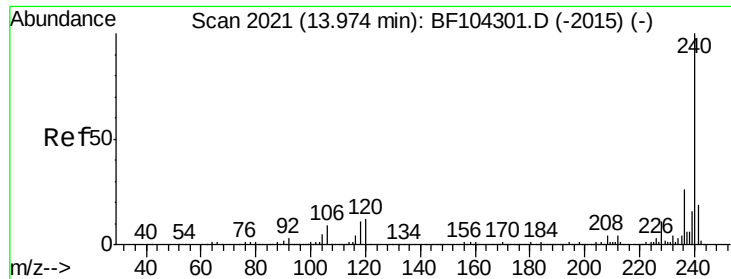
#70
Phenanthrene
Concen: 4.341 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104590.D
Acq: 18 Apr 2018 10:13

Tgt Ion:178 Resp: 109108
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 15.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

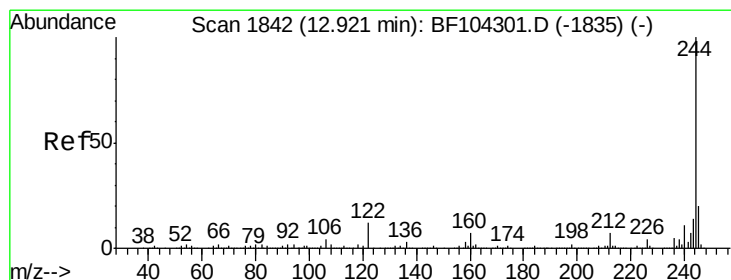
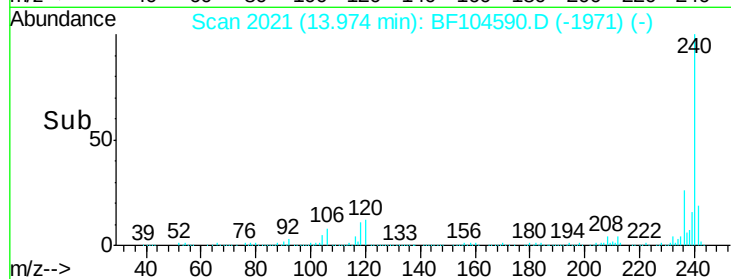
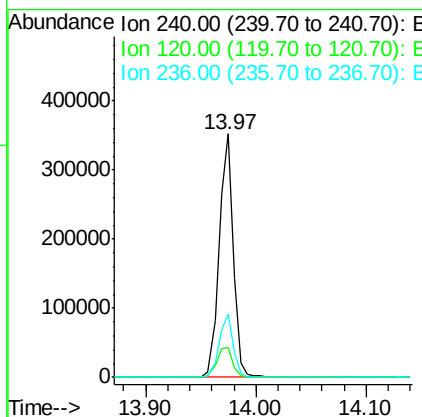
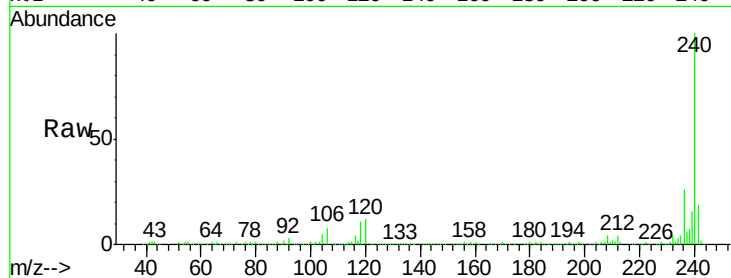




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104590.D
 Acq: 18 Apr 2018 10:13

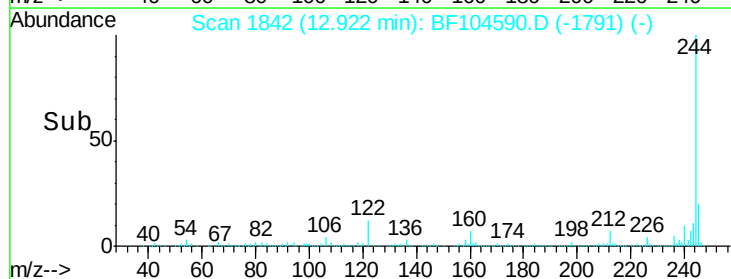
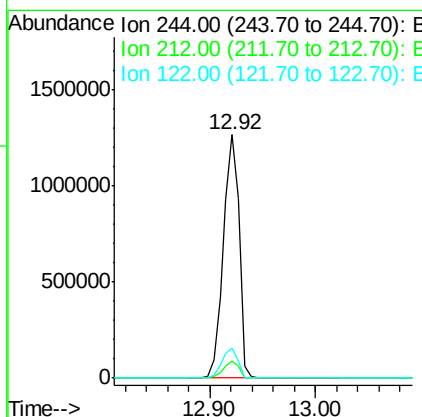
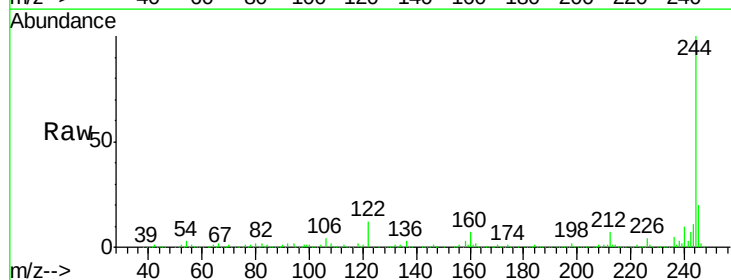
Instrument :
 BNA_F
 ClientSampleId :
 20180245-AMEND-COMP-B

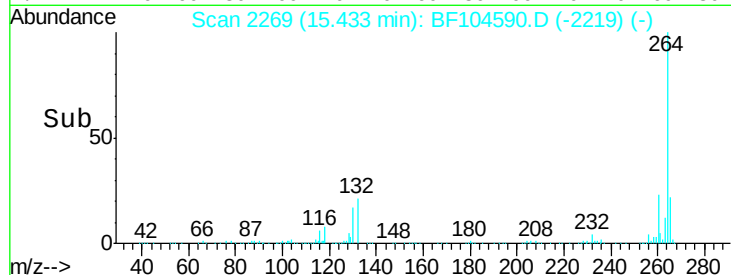
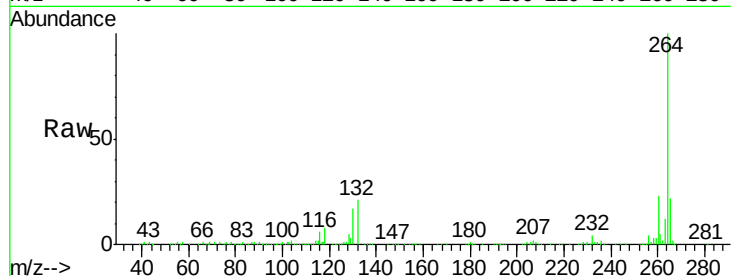
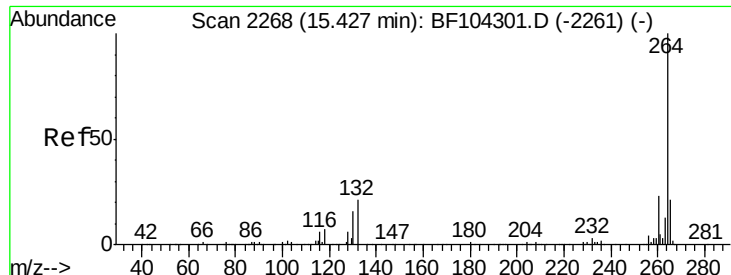
Tot Ion:240 Resp: 313200
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 96.141 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104590.D
 Acq: 18 Apr 2018 10:13

Tgt Ion:244 Resp: 1320778
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.0 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104590.D
 Acq: 18 Apr 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :
 20180245-AMEND-COMP-B

Tot Ion:	264	Resp:	259704
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

