

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104046.D
 Acq On : 29 Mar 2018 13:10
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 16:26:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

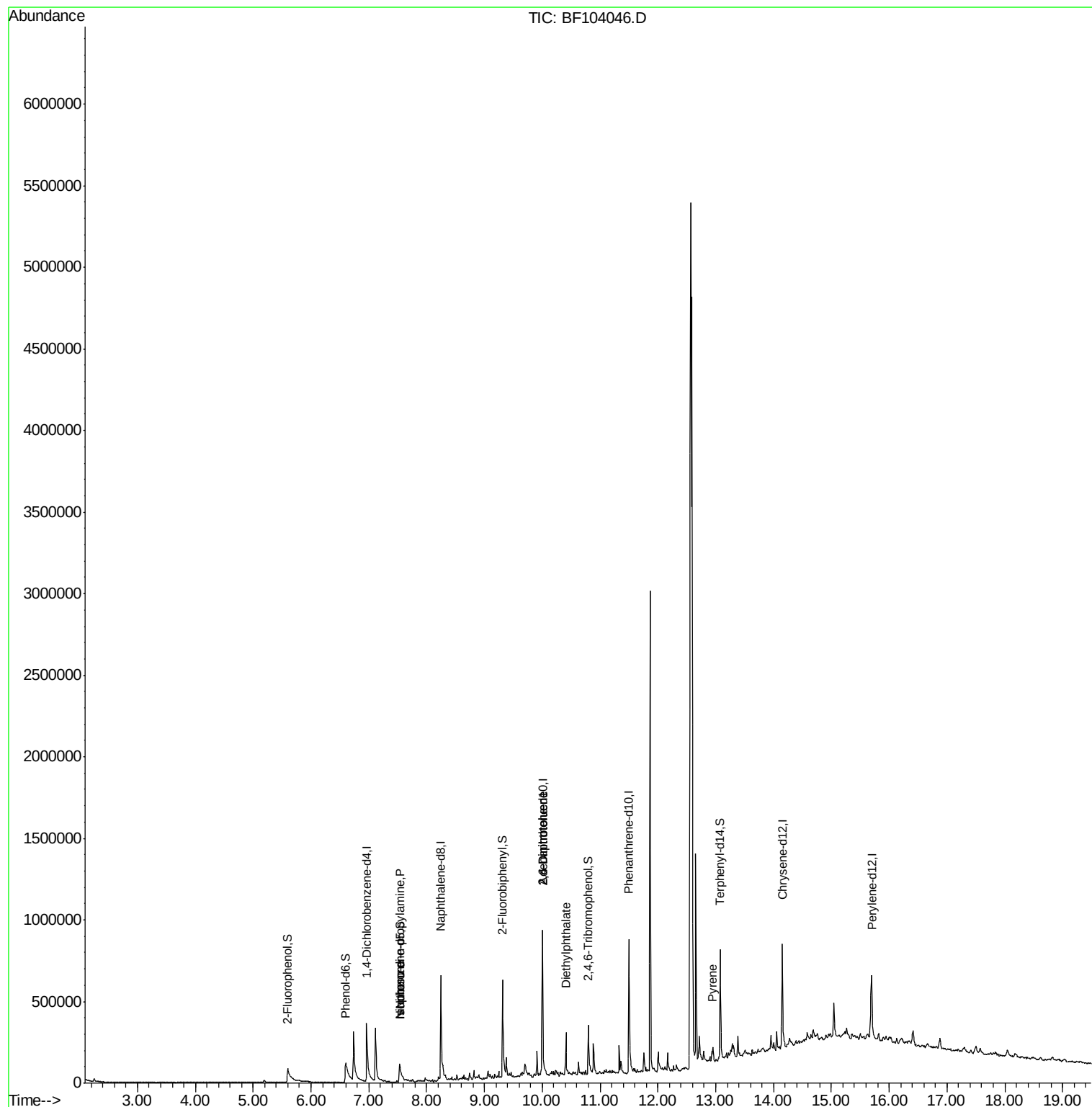
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	111845	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	495509	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	225337	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	393432	20.00	ng	0.00
75) Chrysene-d12	14.15	240	257627	20.00	ng	0.00
86) Perylene-d12	15.70	264	242295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	123688	17.64	ng	0.00
7) Phenol-d6	6.60	99	208368	24.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	127621	15.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	59259	23.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	288900	20.22	ng	0.00
78) Terphenyl-d14	13.08	244	251329	22.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	14261	2.785	ng	# 80
25) Isophorone	7.53	82	127621	8.547	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	29519	7.712	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	29949	6.132	ng	# 24
59) Diethylphthalate	10.40	149	49178	2.885	ng	97
77) Pyrene	12.95	202	38025	2.053	ng	96

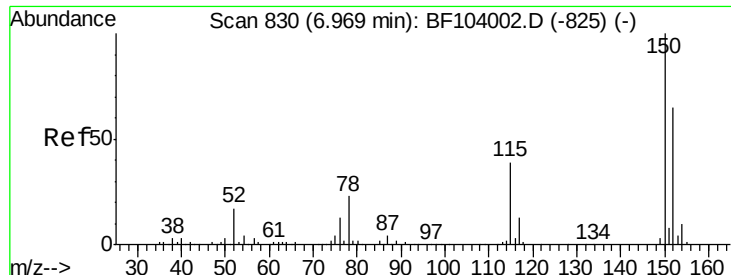
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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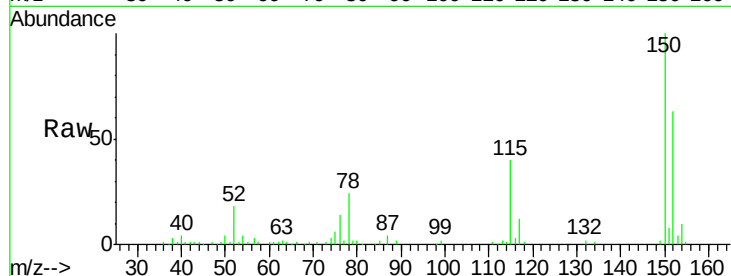


#1

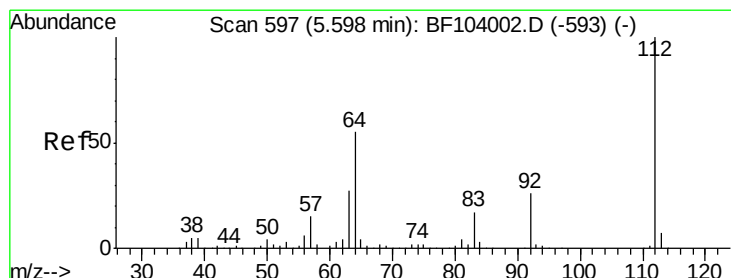
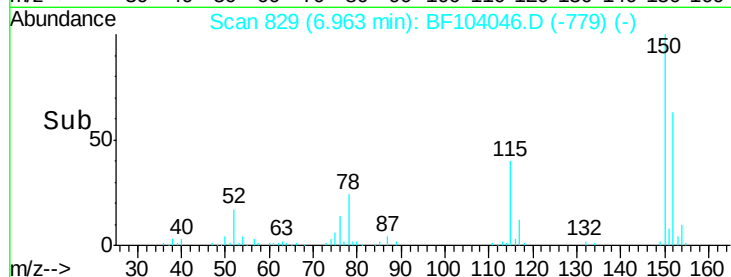
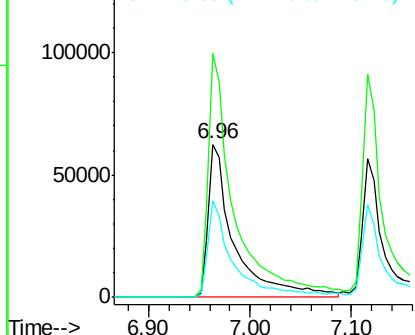
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104046.D
Acq: 29 Mar 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111845
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.9 50.1 75.1



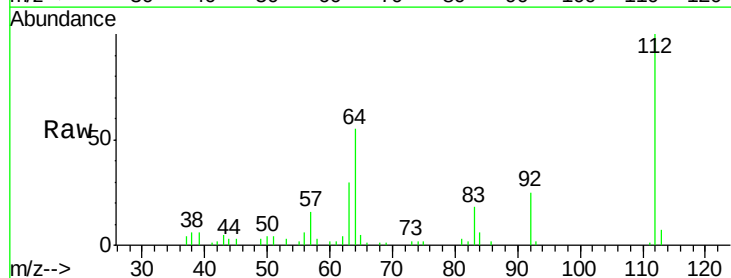
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



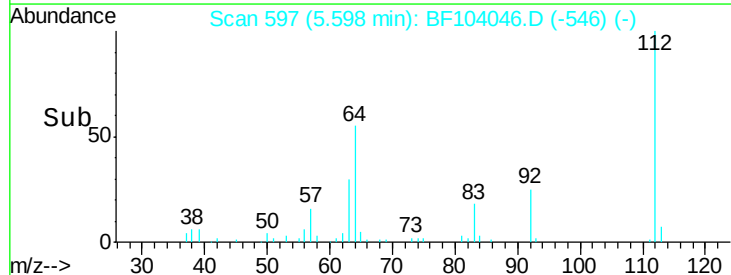
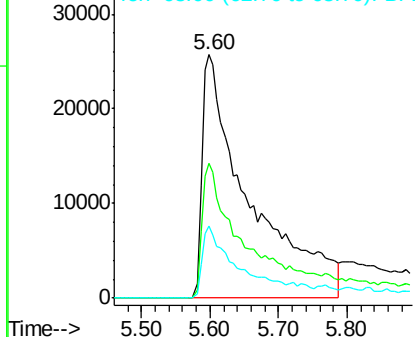
#5

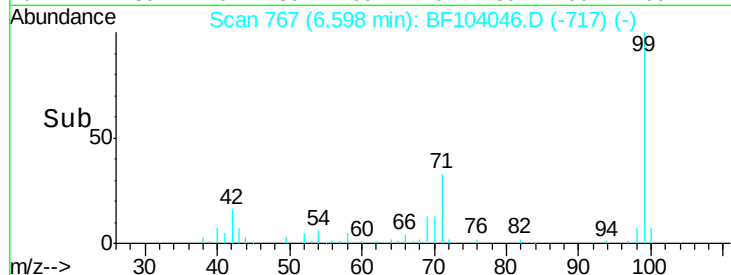
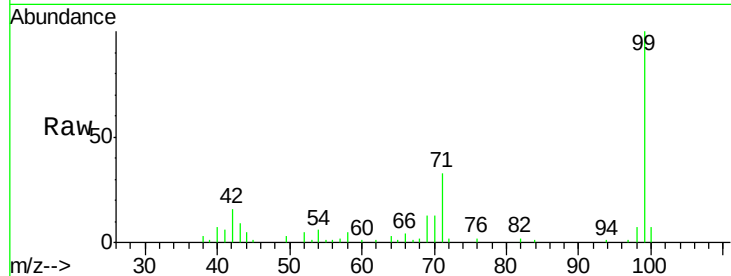
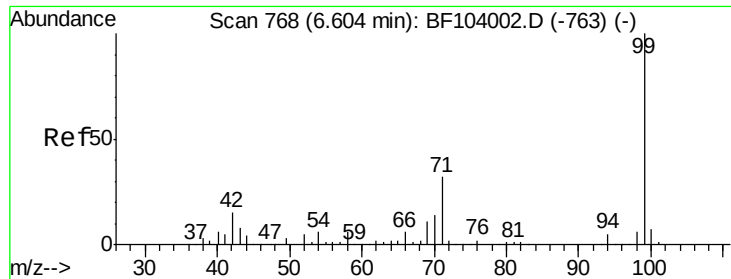
2-Fluorophenol
Concen: 17.636 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104046.D
Acq: 29 Mar 2018 13:10

Tgt Ion:112 Resp: 123688
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 29.8 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: 24.149 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampleId :

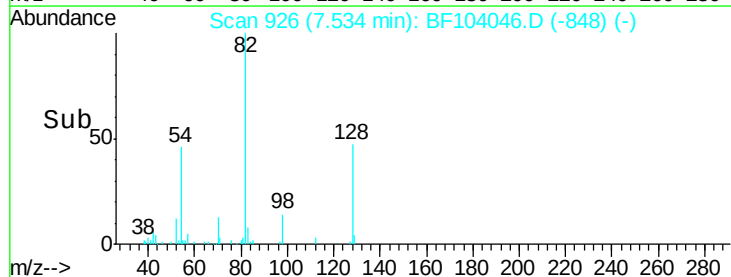
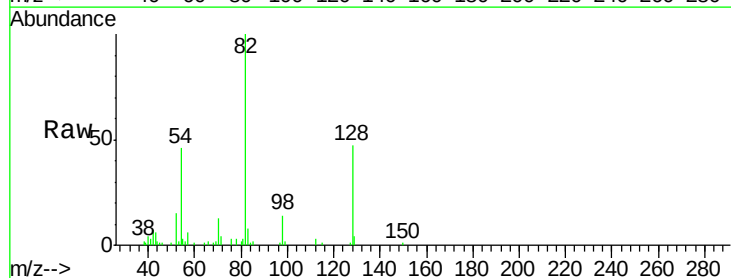
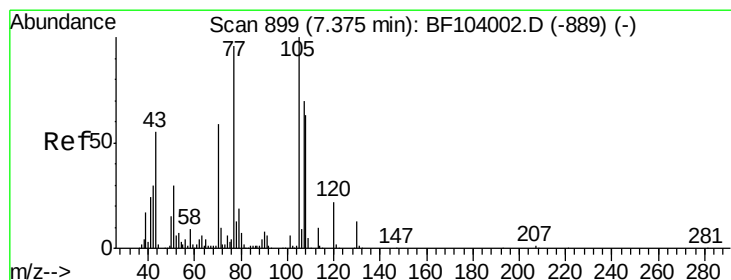
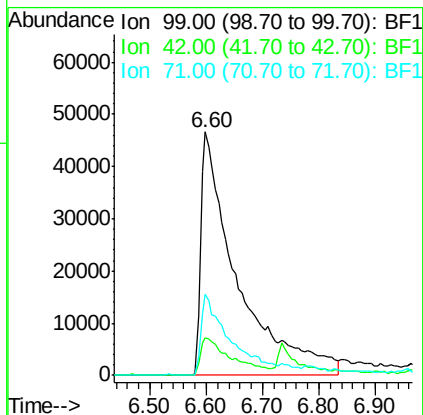
Tot Ion: 99 Resp: 208368

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 33.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.785 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Tgt Ion: 70 Resp: 14261

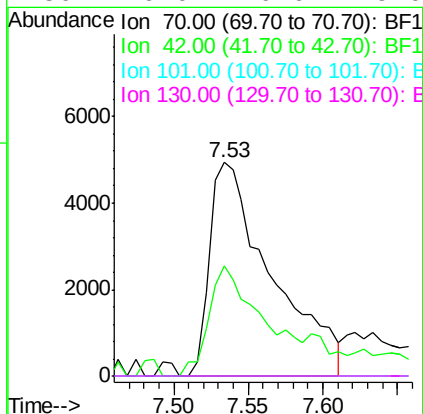
Ion Ratio Lower Upper

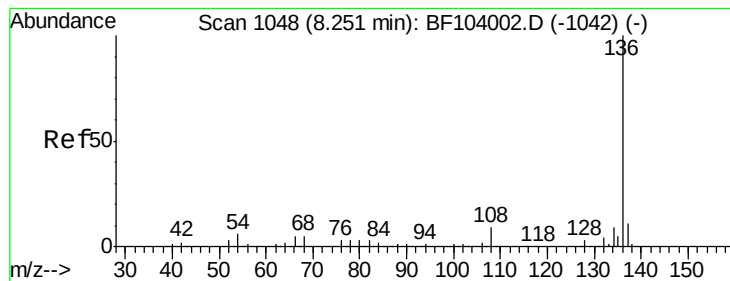
70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 495509

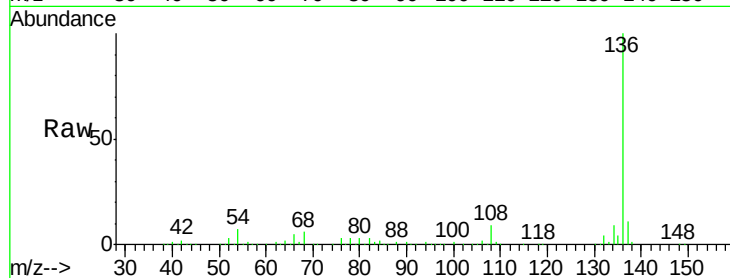
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

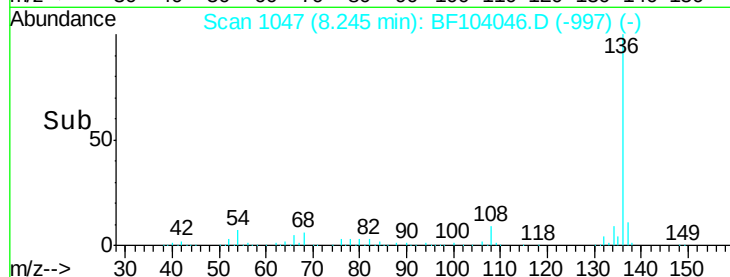


Abundance Ion 136.00 (135.70 to 136.70): E

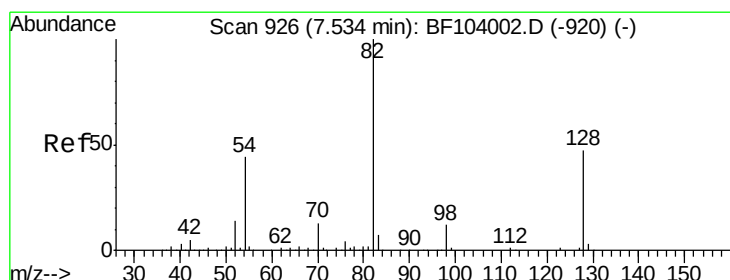
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 15.751 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

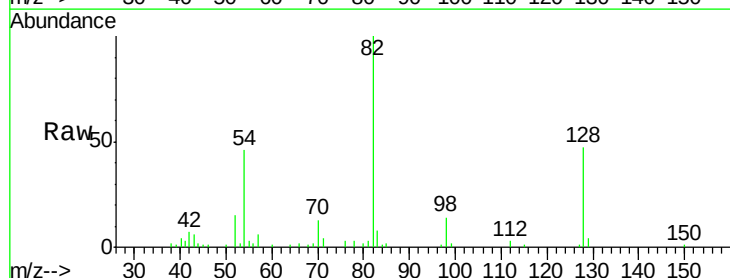
Tgt Ion: 82 Resp: 127621

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

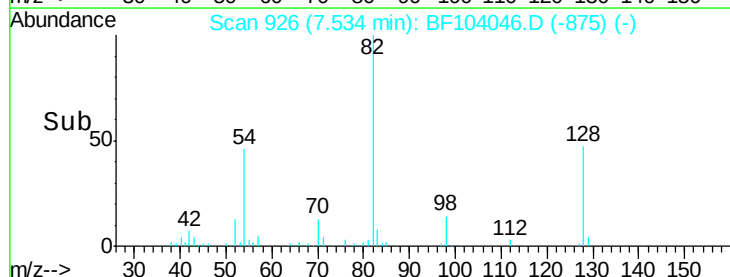
54 45.8 41.4 62.2



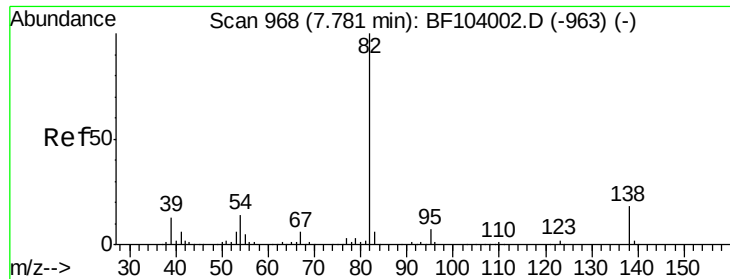
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 8.547 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampled :

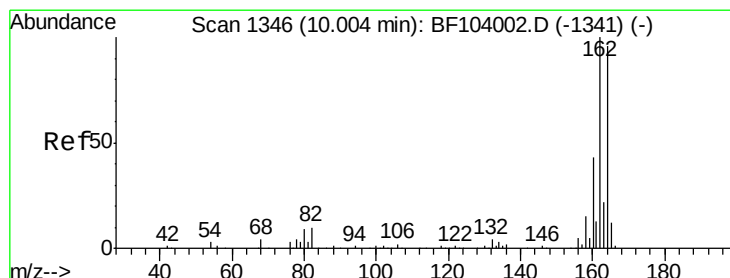
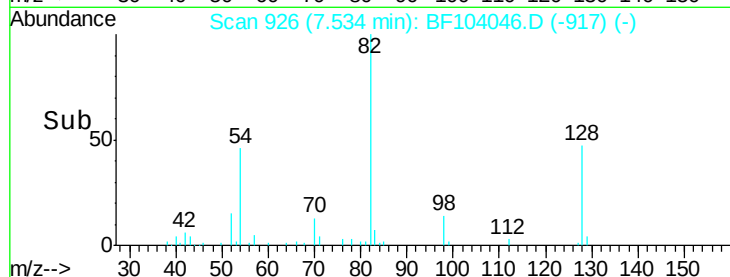
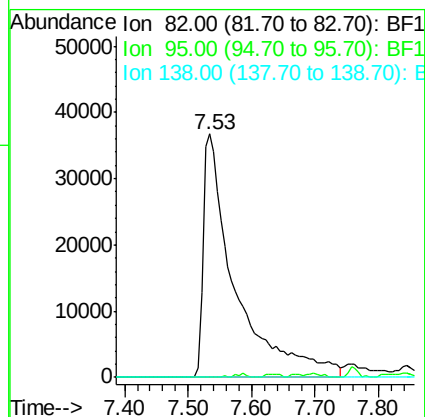
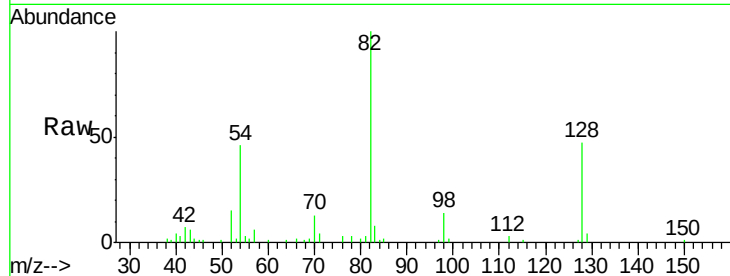
Tot Ion: 82 Resp: 127621

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

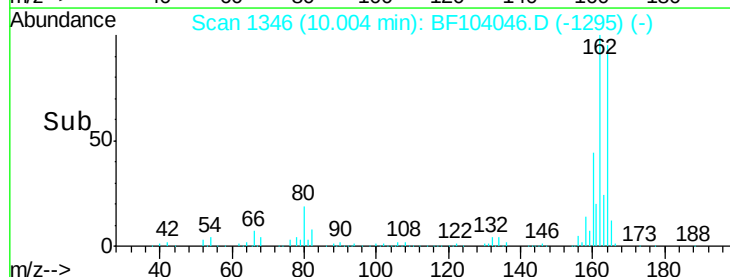
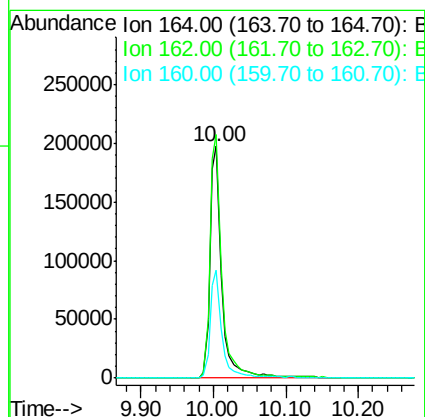
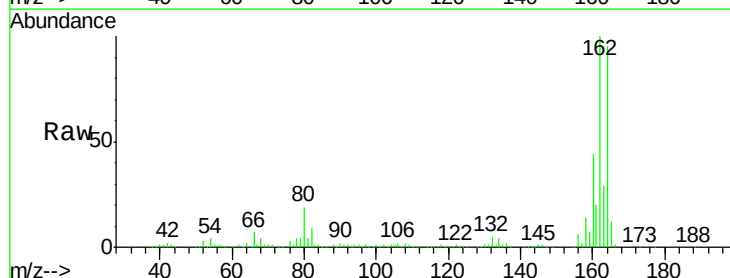
Tgt Ion:164 Resp: 225337

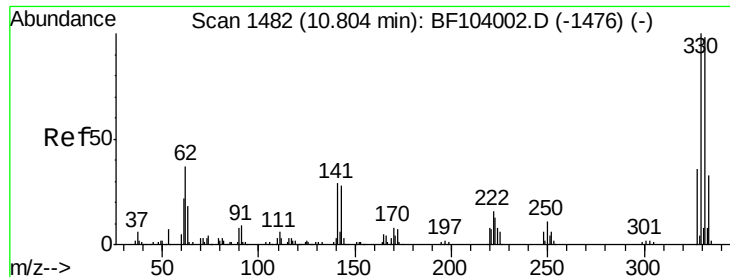
Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

160 46.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 23.617 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampled :

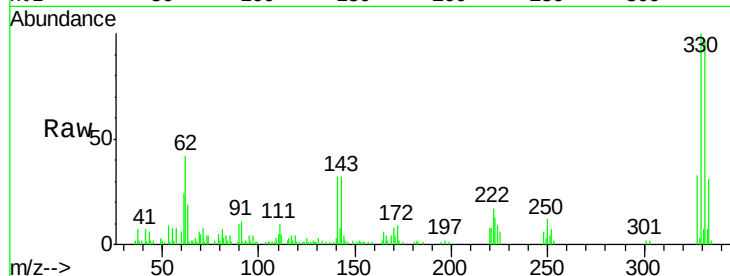
Tot Ion:330 Resp: 59259

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

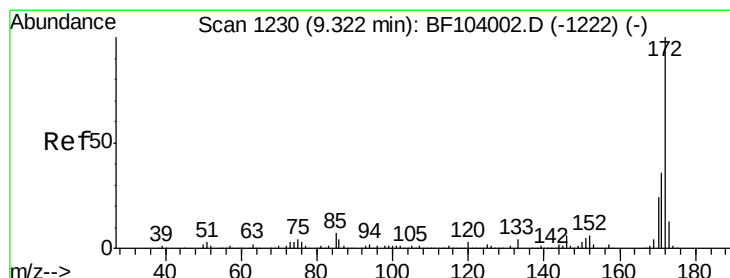
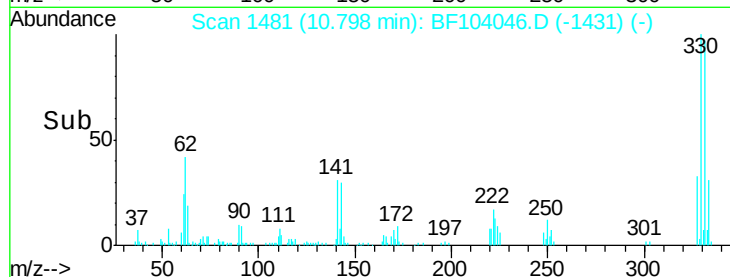
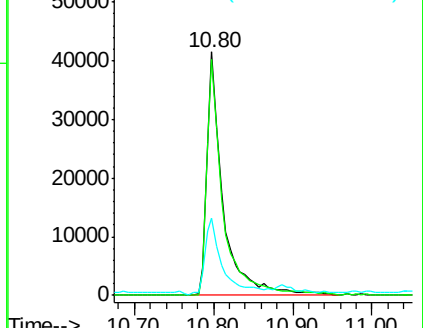
141 34.9 29.9 44.9



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: 20.217 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

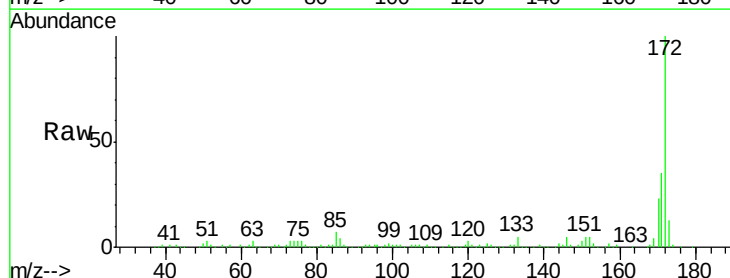
Tgt Ion:172 Resp: 288900

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

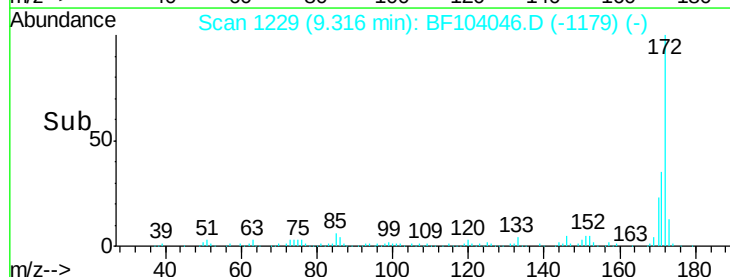
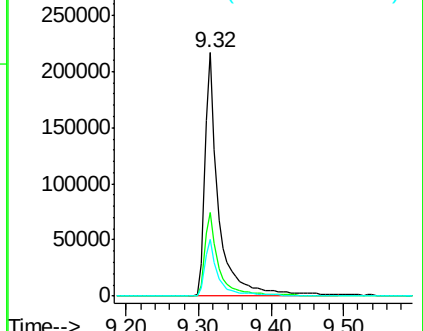
170 23.1 19.6 29.4

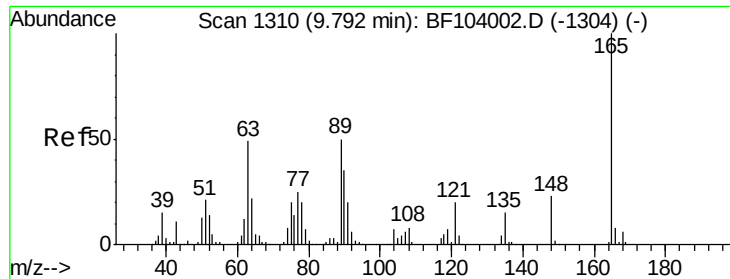


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.712 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.21 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampleId :

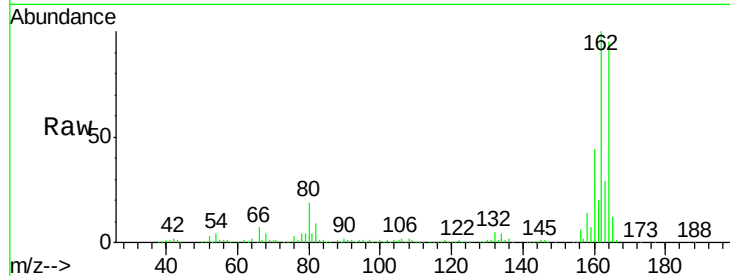
Tot Ion:165 Resp: 29519

Ion Ratio Lower Upper

165 100

63 2.1 44.7 67.1#

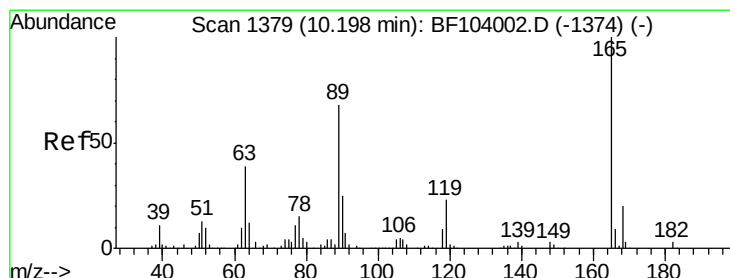
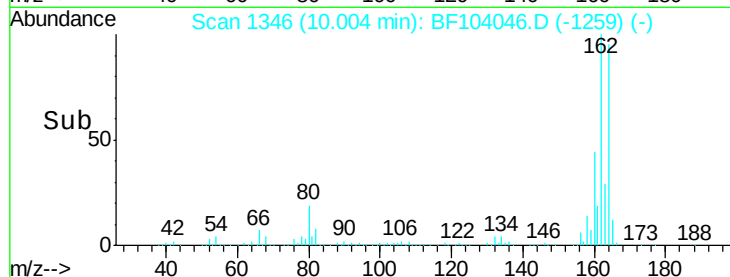
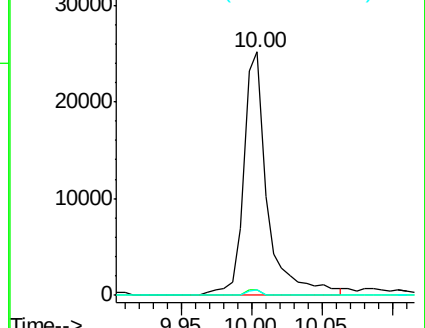
89 2.1 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.132 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Tgt Ion:165 Resp: 29949

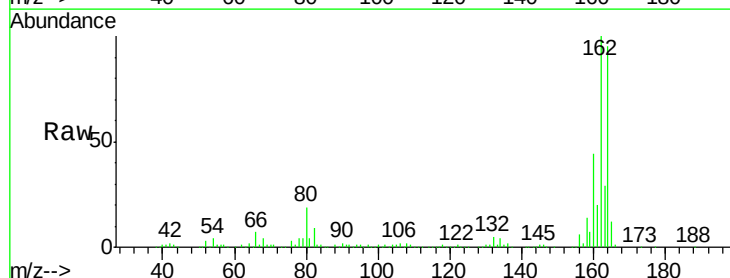
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 2.1 57.8 86.6#

182 0.0 1.6 2.4#

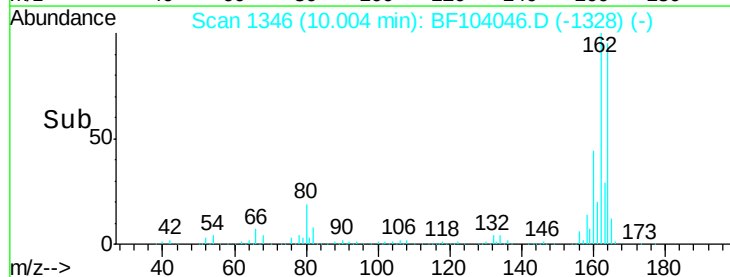
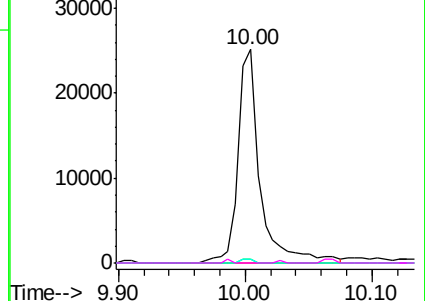


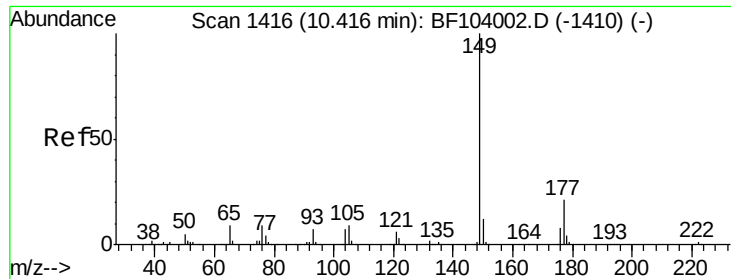
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

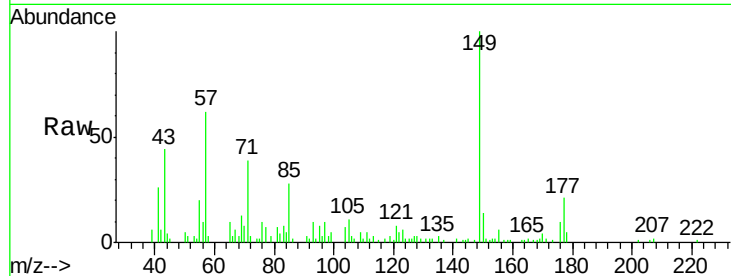




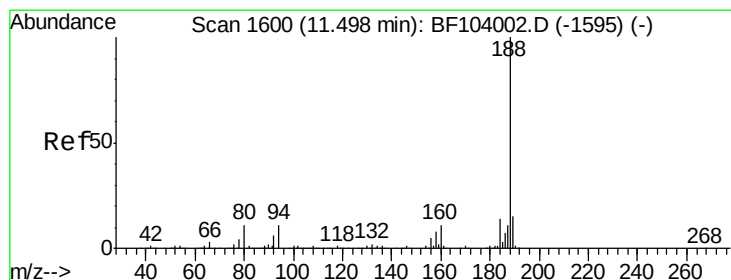
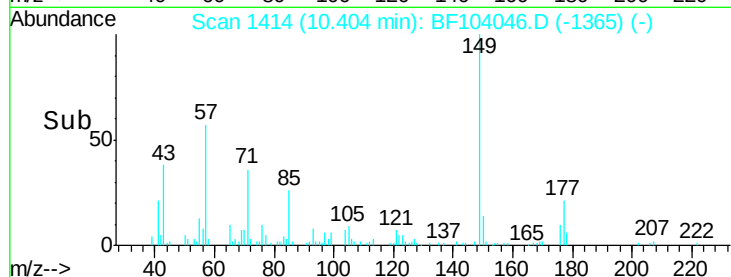
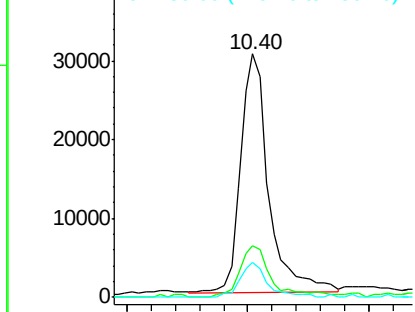
#59
Diethylphthalate
Concen: 2.885 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF104046.D
Acq: 29 Mar 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 49178
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 14.3 10.1 15.1

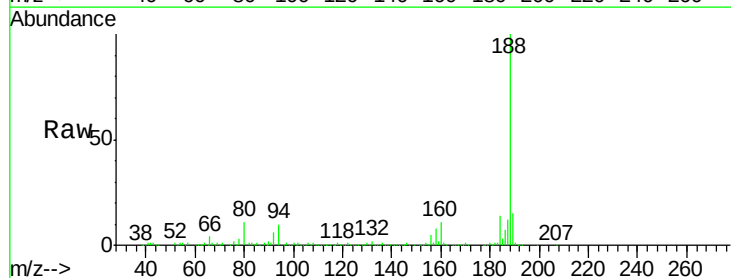


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

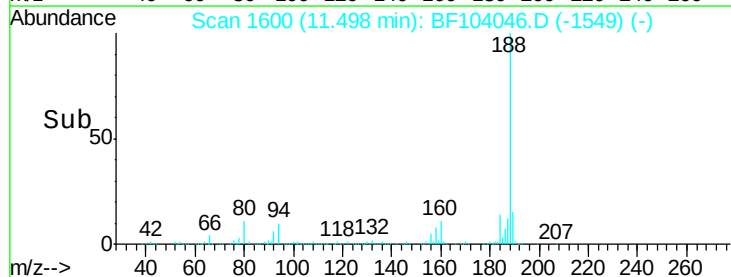
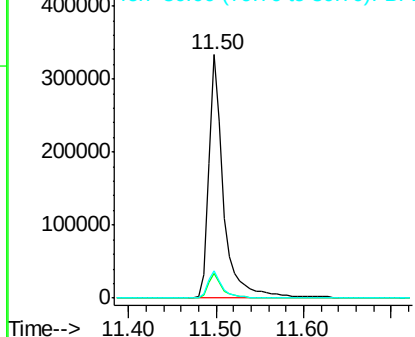


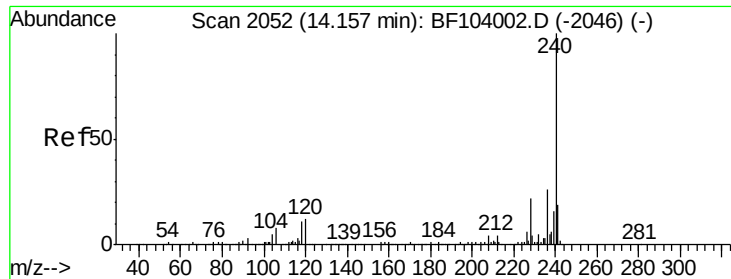
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104046.D
Acq: 29 Mar 2018 13:10

Tgt Ion:188 Resp: 393432
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 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: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampleId :

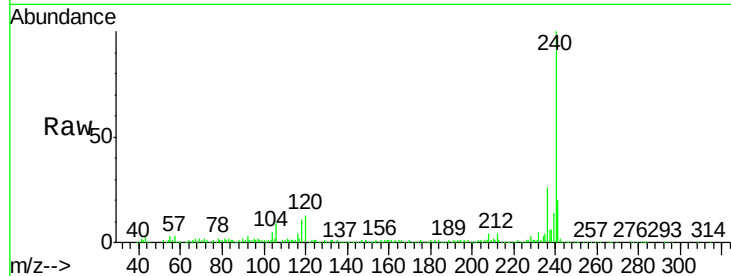
Tot Ion:240 Resp: 257627

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

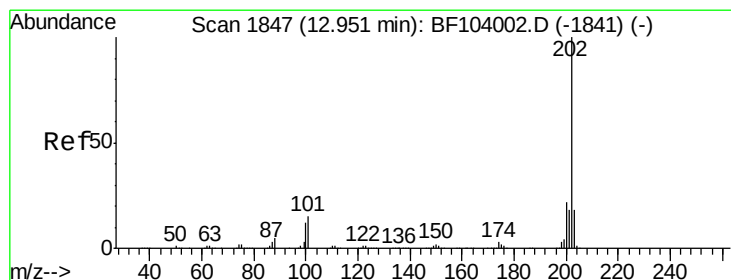
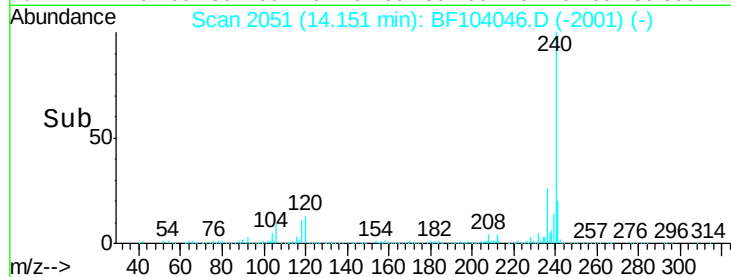
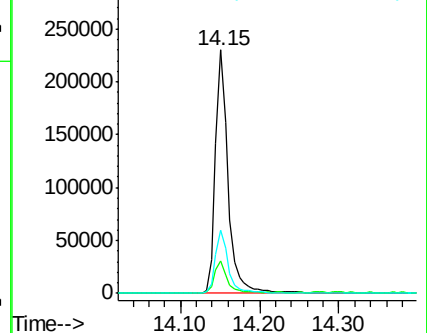
236 25.8 20.7 31.1



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: 2.053 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

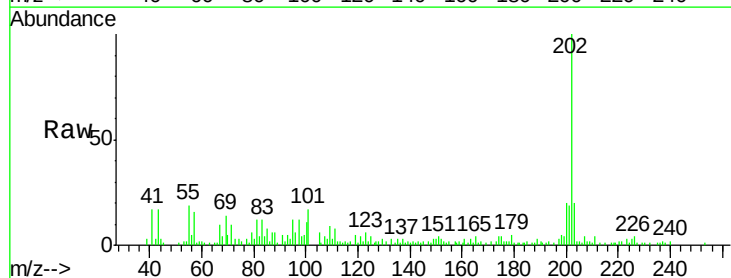
Tgt Ion:202 Resp: 38025

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

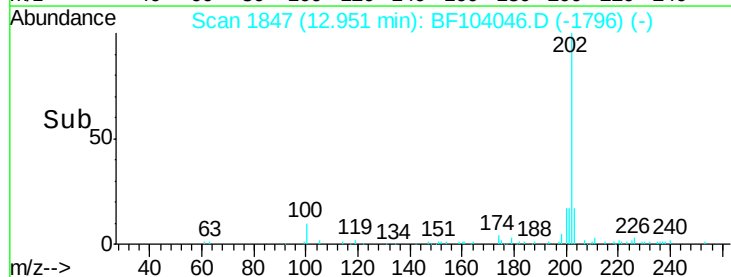
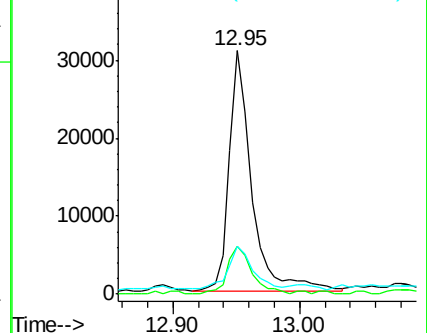
203 19.6 14.3 21.5

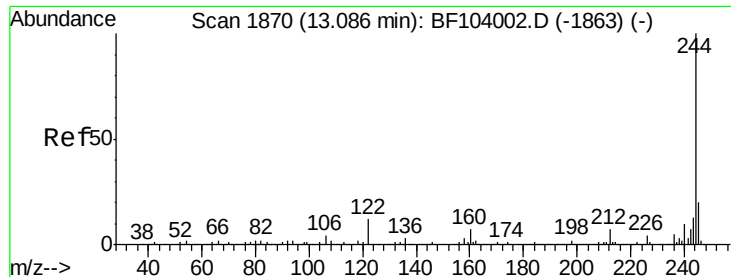


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 22.525 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

Instrument :

BNA_F

ClientSampleId :

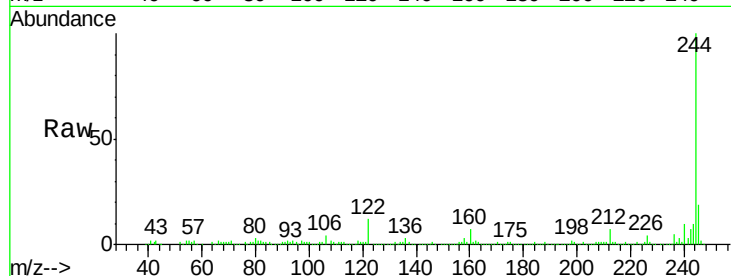
Tot Ion:244 Resp: 251329

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

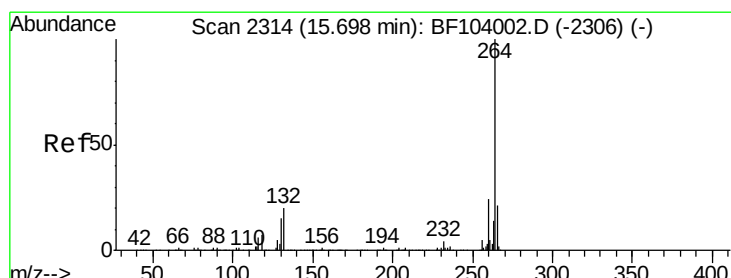
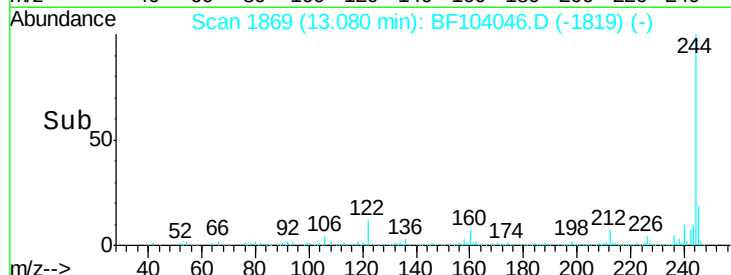
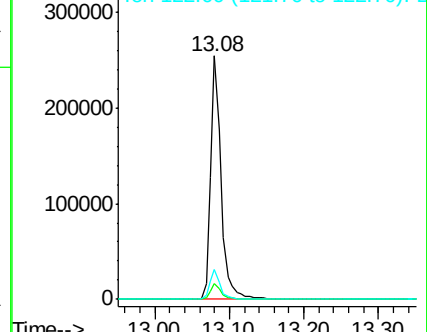
122 12.0 11.0 16.4



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# 2314

Delta R.T. -0.00 min

Lab File: BF104046.D

Acq: 29 Mar 2018 13:10

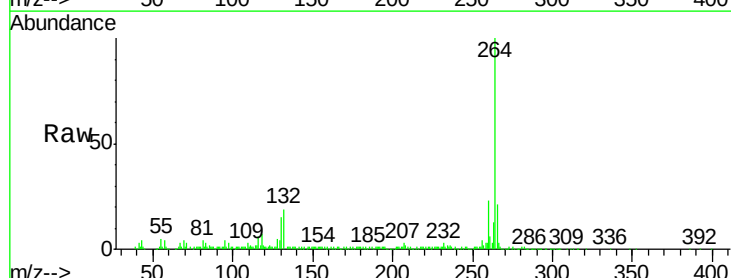
Tgt Ion:264 Resp: 242295

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.9 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

