

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104129.D
 Acq On : 2 Apr 2018 12:37
 Operator : JU/SJ
 Sample : J1761-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 13:42:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

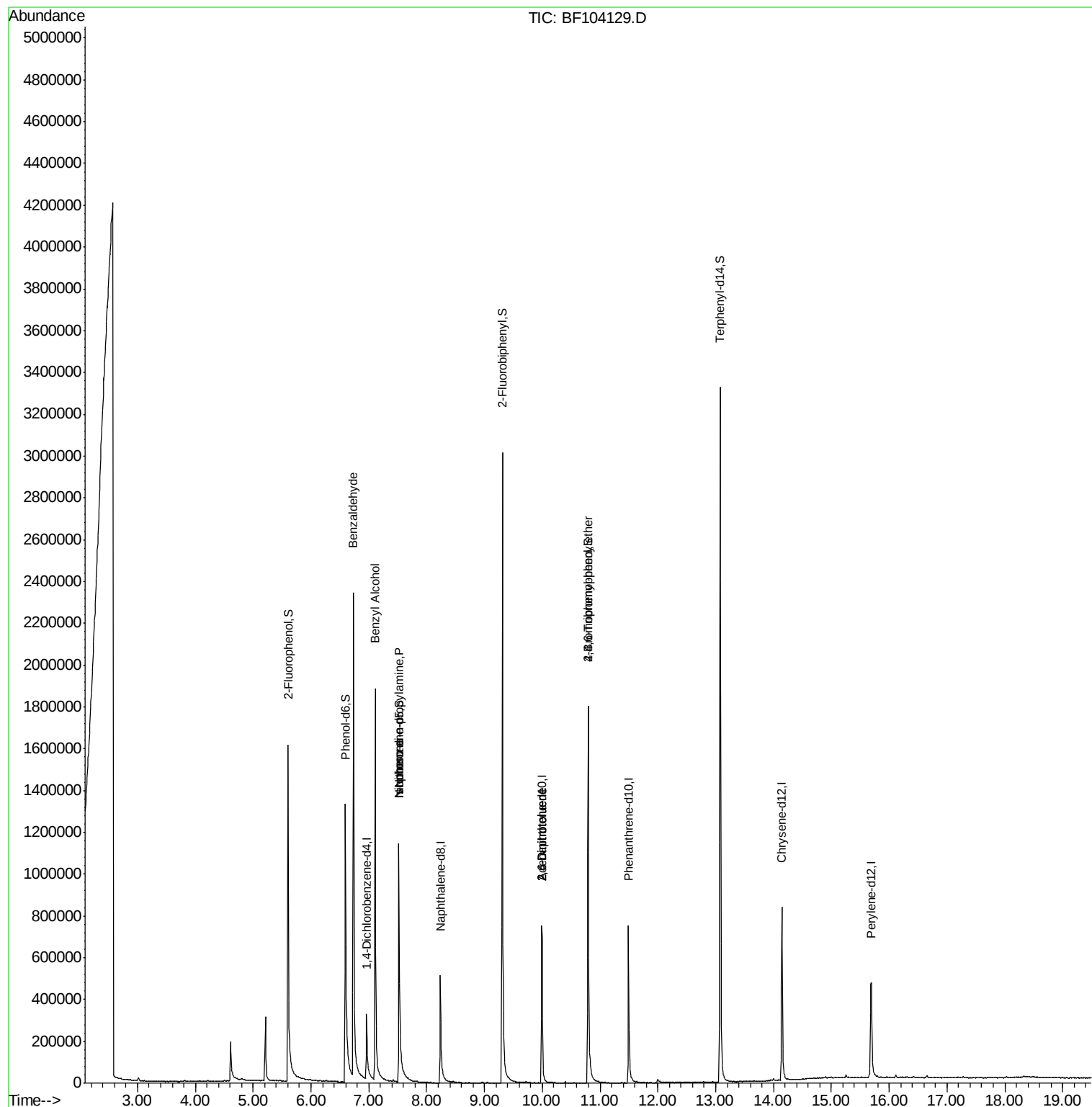
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94705	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	396659	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	195544	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	390284	20.00	ng	0.00
75) Chrysene-d12	14.14	240	364908	20.00	ng	0.00
86) Perylene-d12	15.69	264	296043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	723518	121.83	ng	0.02
7) Phenol-d6	6.60	99	838053	114.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	651616	100.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	329169	151.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1266289	102.12	ng	0.00
78) Terphenyl-d14	13.08	244	1450679	91.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17030	3.046	ng	88
15) Benzyl Alcohol	7.11	79	9909	2.086	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	79213	18.269	ng	# 71
25) Isophorone	7.52	82	651616	54.514	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	24723	7.443	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	24859	5.865	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	19745	4.729	ng	# 1

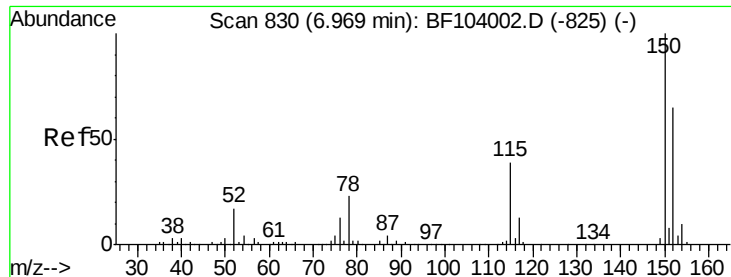
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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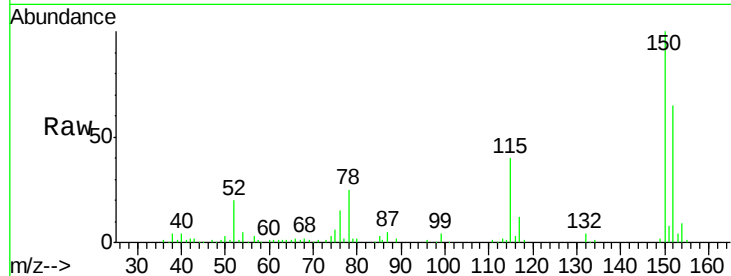


#1

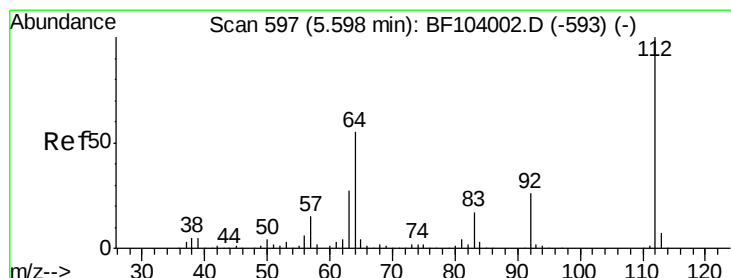
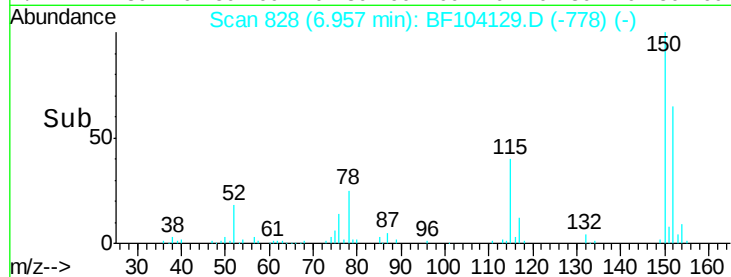
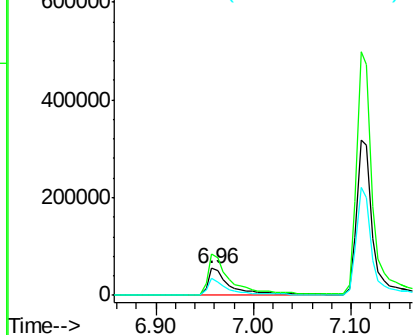
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94705
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 61.6 50.1 75.1



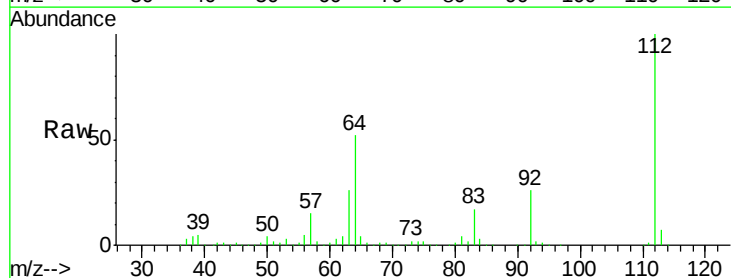
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



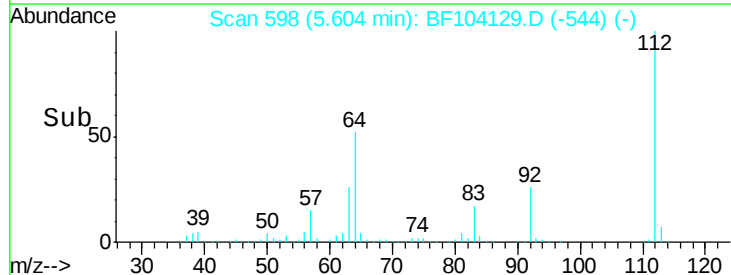
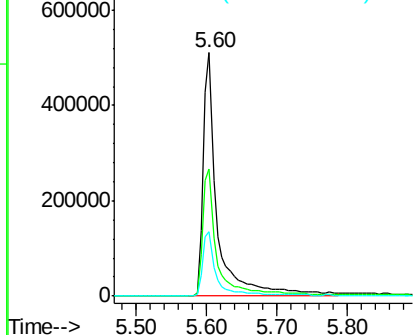
#5

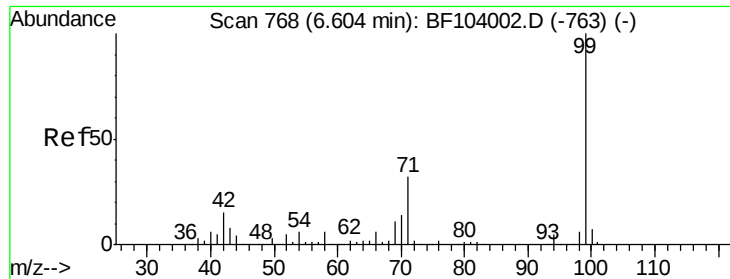
2-Fluorophenol
Concen: 121.834 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

Tgt Ion:112 Resp: 723518
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 26.4 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: 114.704 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

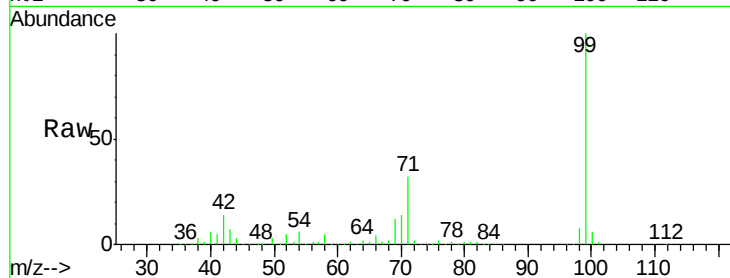
Tot Ion: 99 Resp: 838053

Ion Ratio Lower Upper

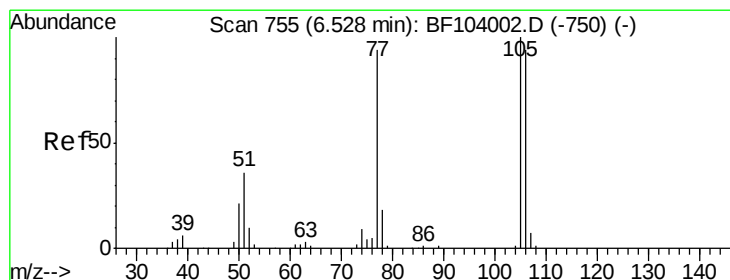
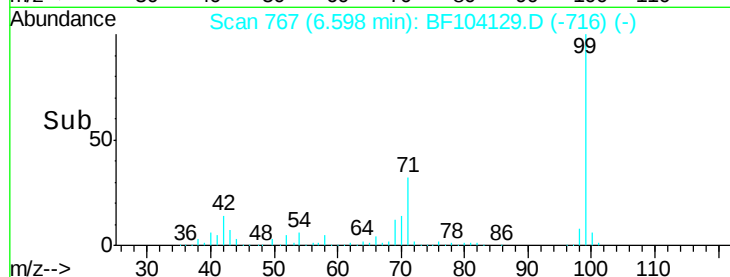
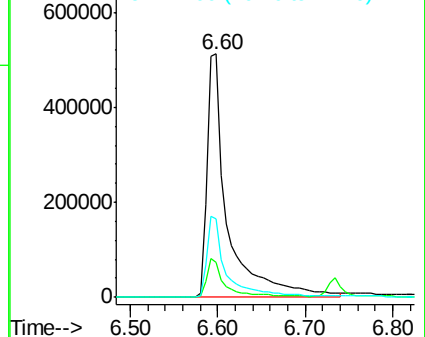
99 100

42 14.3 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



#9

Benzaldehyde

Concen: 3.046 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

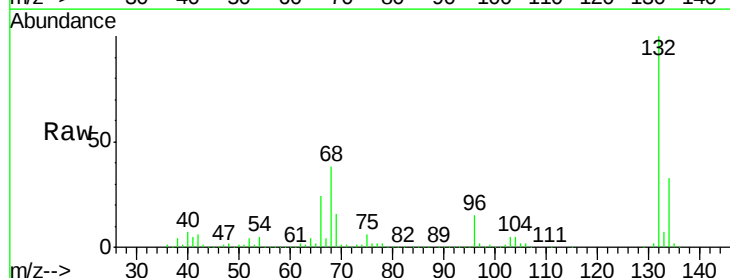
Tgt Ion: 77 Resp: 17030

Ion Ratio Lower Upper

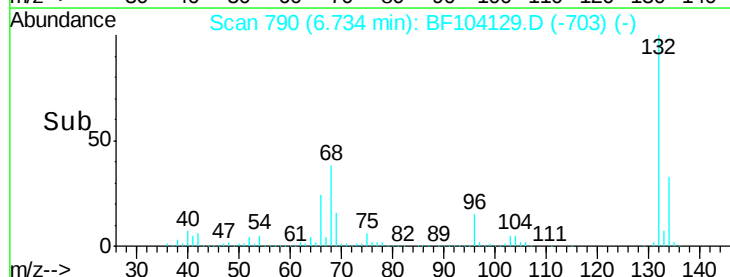
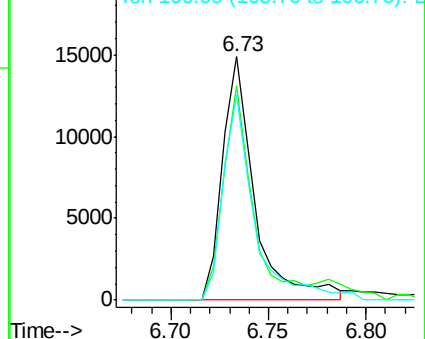
77 100

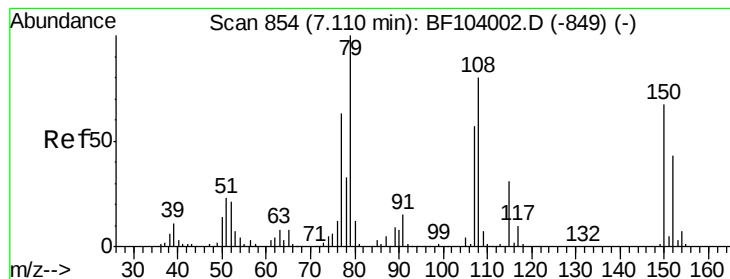
105 88.1 81.1 121.1

106 84.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 2.086 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampled :

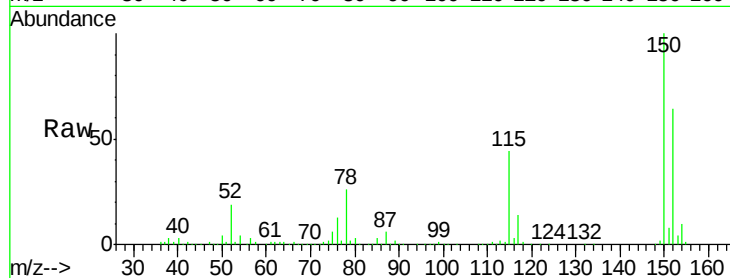
Tot Ion: 79 Resp: 9909

Ion Ratio Lower Upper

79 100

108 26.0 65.1 97.7#

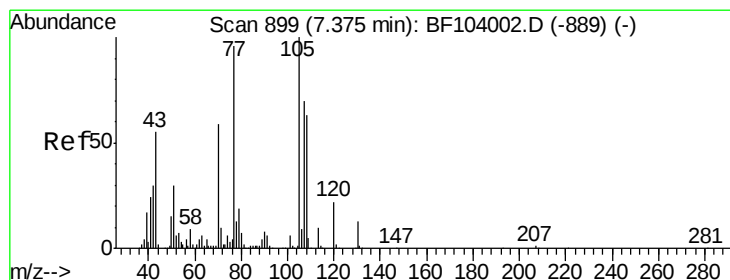
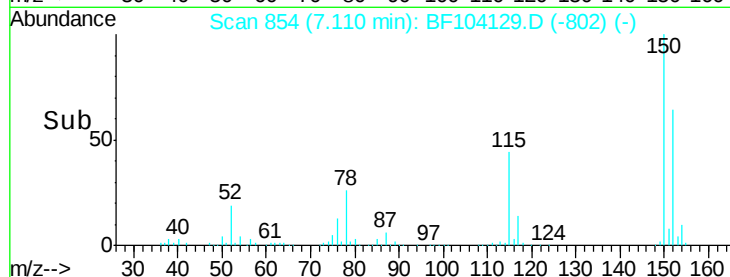
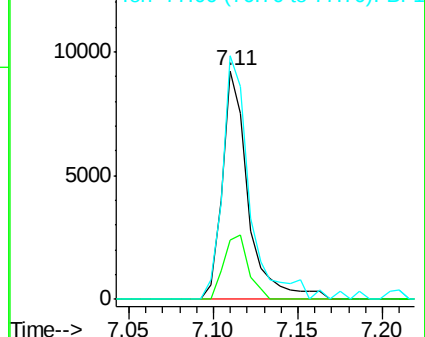
77 106.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.269 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Tgt Ion: 70 Resp: 79213

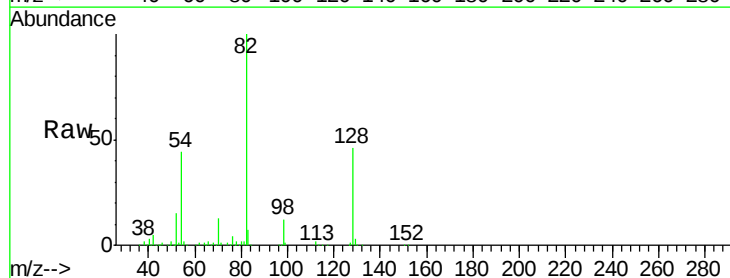
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

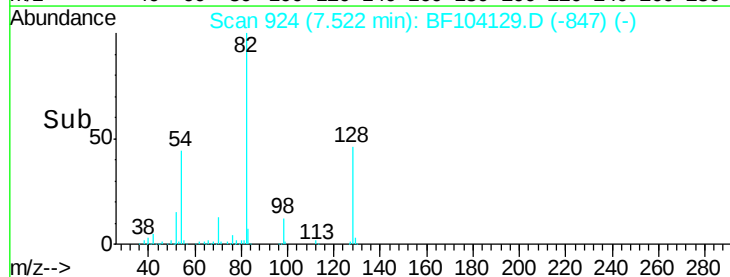
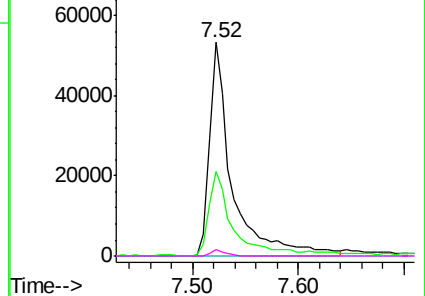


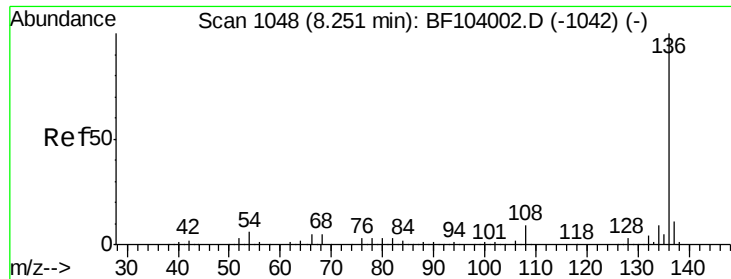
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 396659

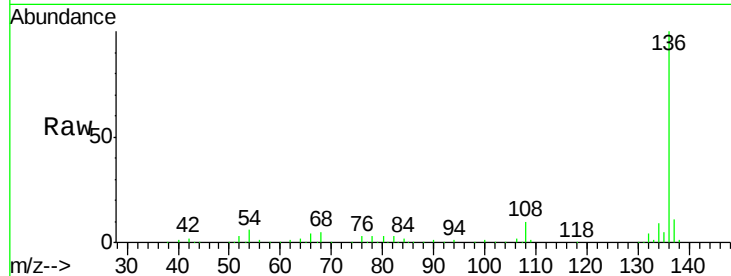
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.0 6.6 9.8#

68 5.4 5.0 7.4

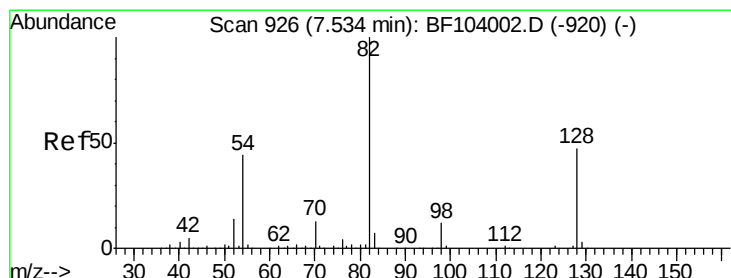
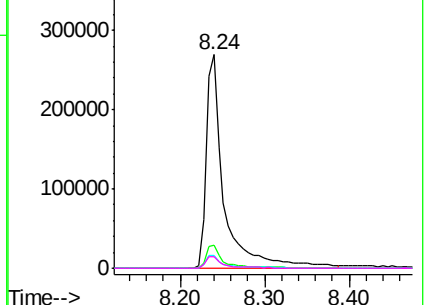
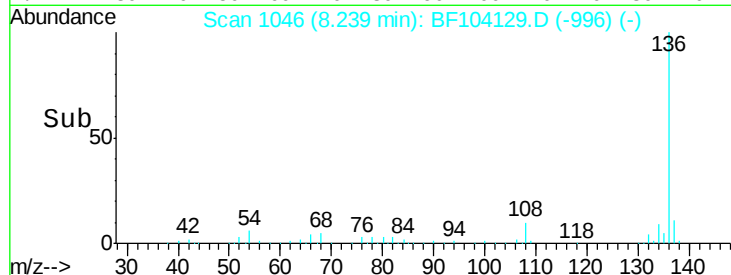


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.464 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

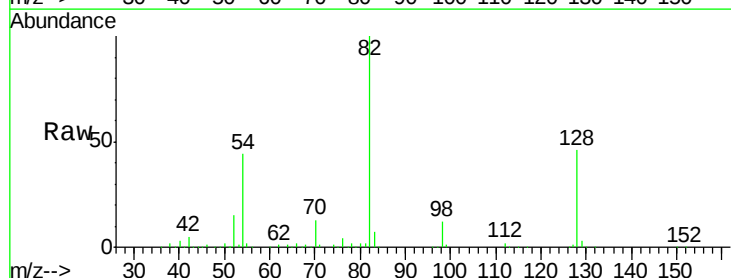
Tgt Ion: 82 Resp: 651616

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

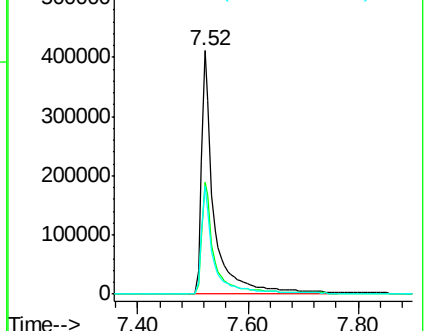
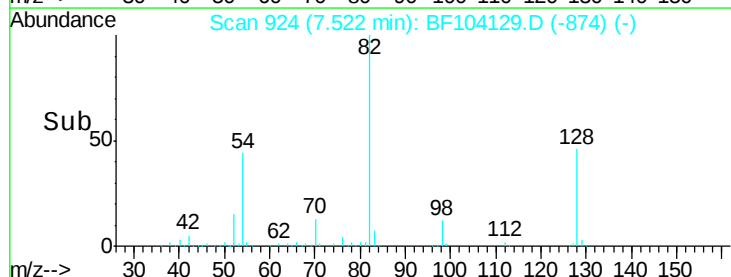
54 44.3 41.4 62.2

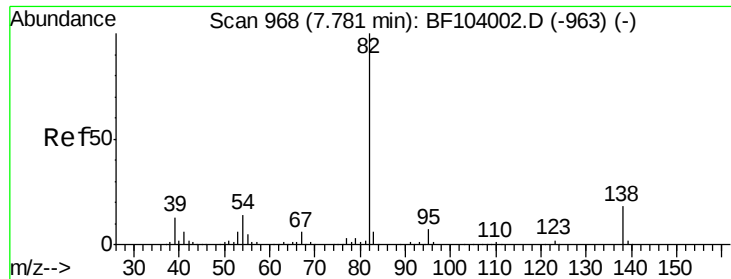


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.514 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

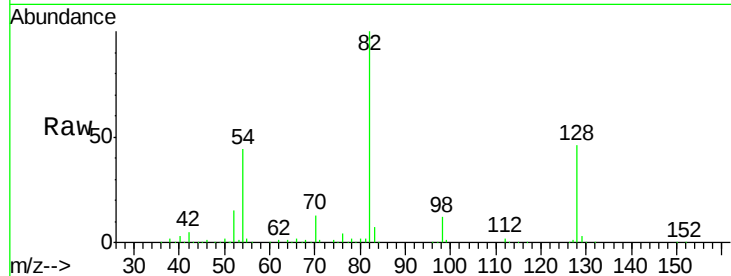
Tot Ion: 82 Resp: 651616

Ion Ratio Lower Upper

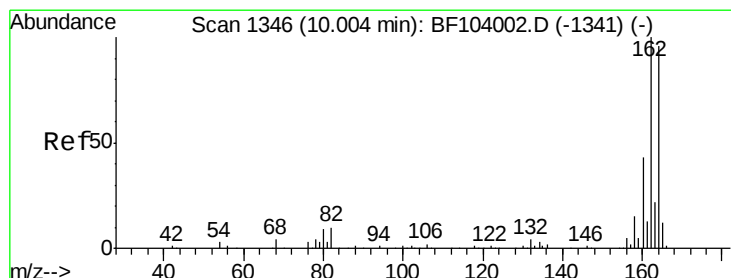
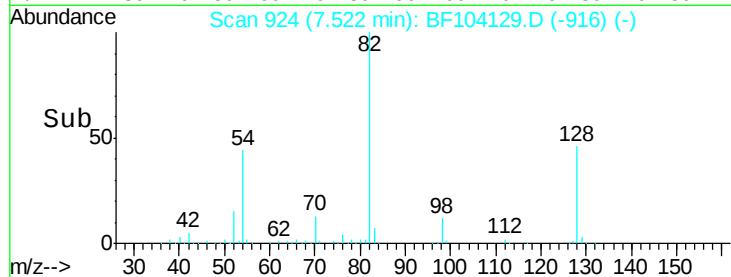
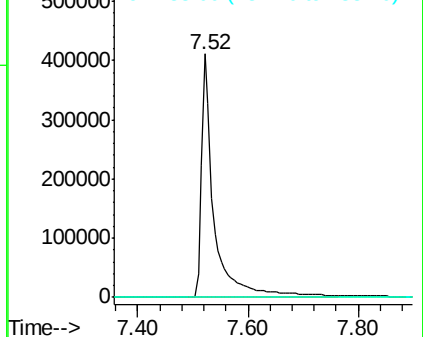
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

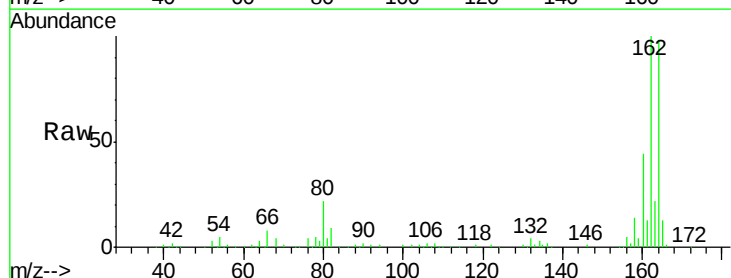
Tgt Ion:164 Resp: 195544

Ion Ratio Lower Upper

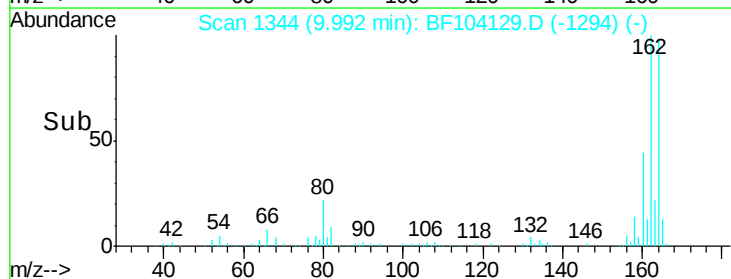
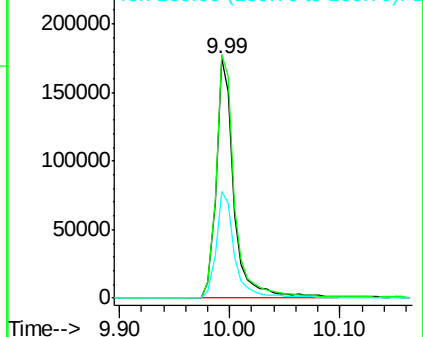
164 100

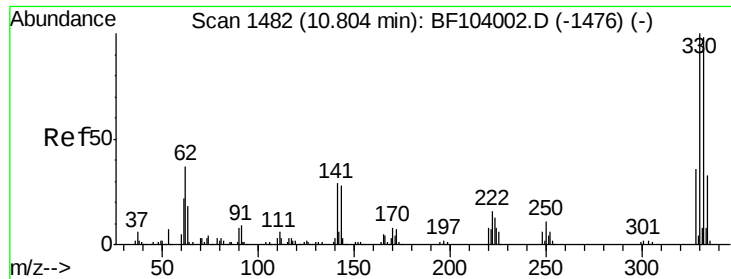
162 101.6 86.1 129.1

160 44.4 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

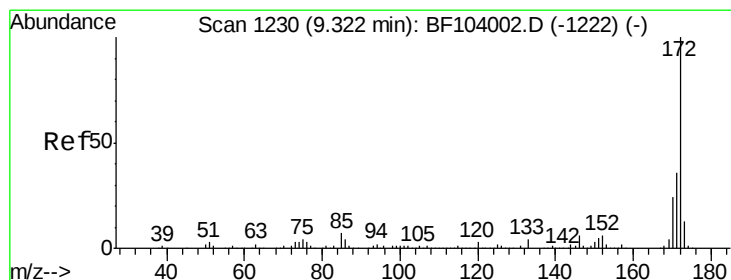
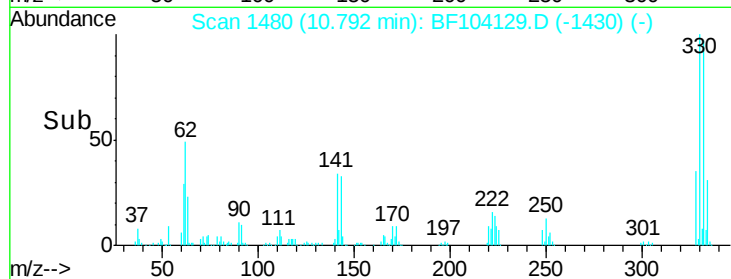
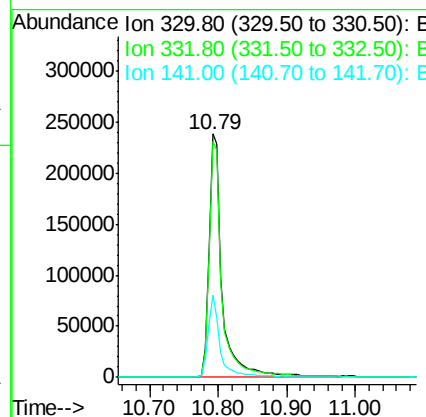
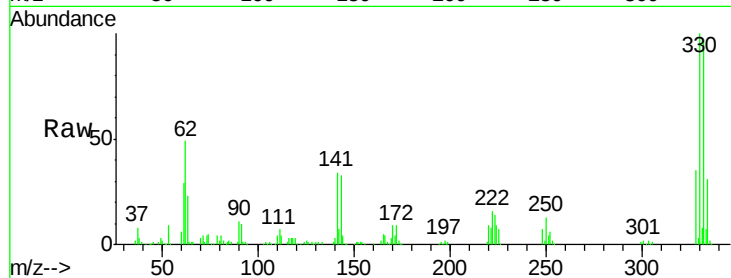




#41
 2,4,6-Tribromophenol
 Concen: 151.176 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

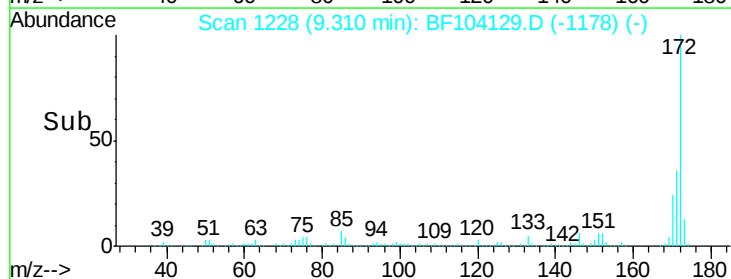
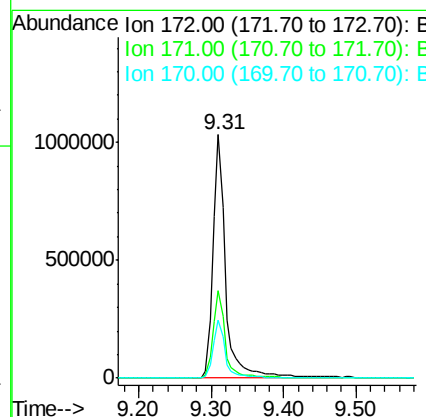
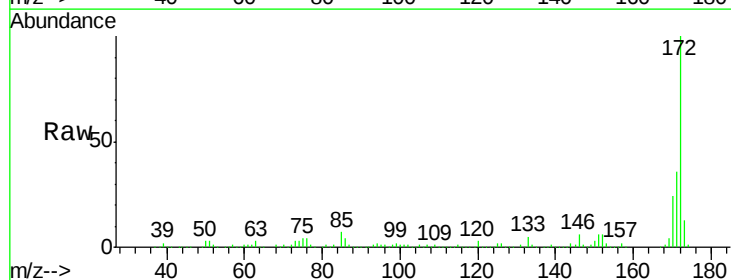
Instrument :
 BNA_F
 ClientSampleId :

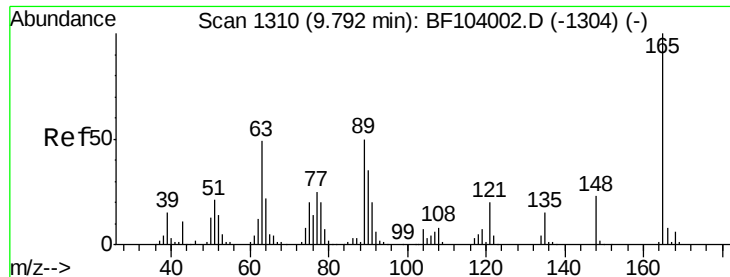
Tot Ion:330 Resp: 329169
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 102.117 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Tgt Ion:172 Resp: 1266289
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 19.6 29.4





#50

2,6-Dinitrotoluene

Concen: 7.443 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

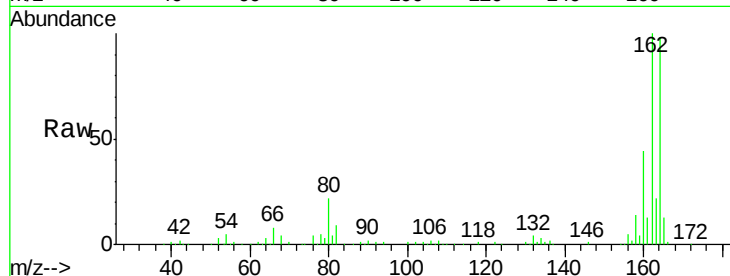
Tot Ion:165 Resp: 24723

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

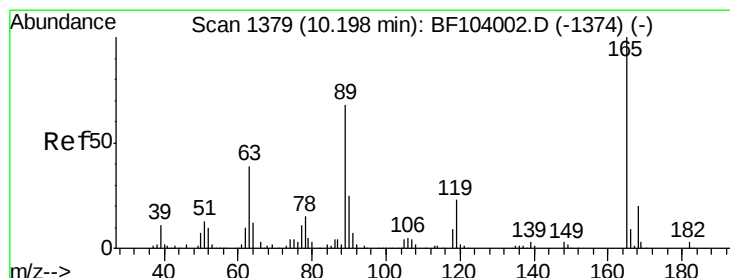
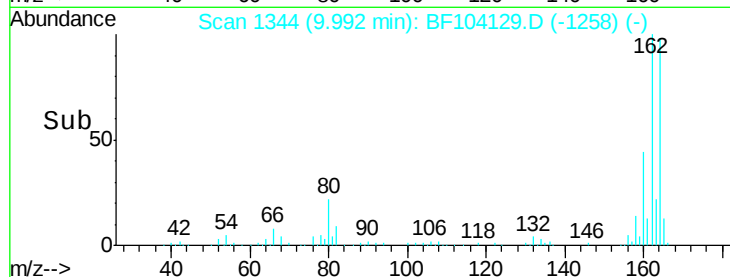
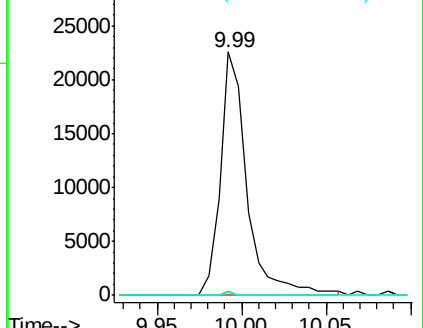
89 1.3 44.0 66.0#



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: 5.865 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.21 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Tgt Ion:165 Resp: 24859

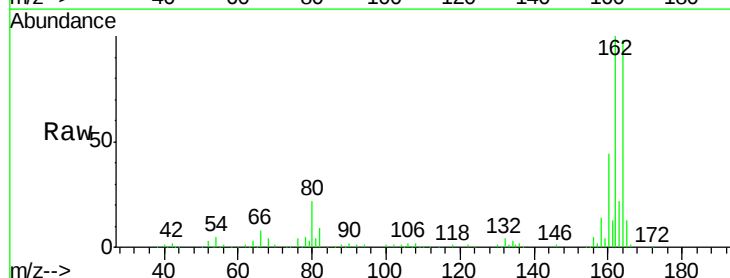
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

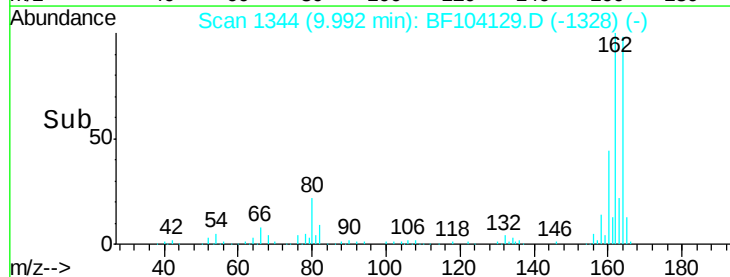
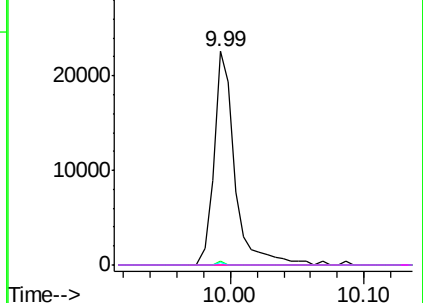


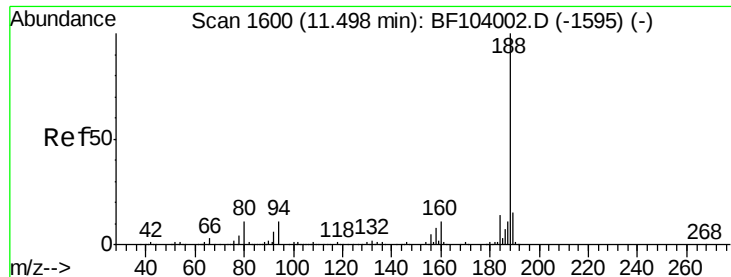
Abundance Ion 165.00 (164.70 to 165.70): E

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

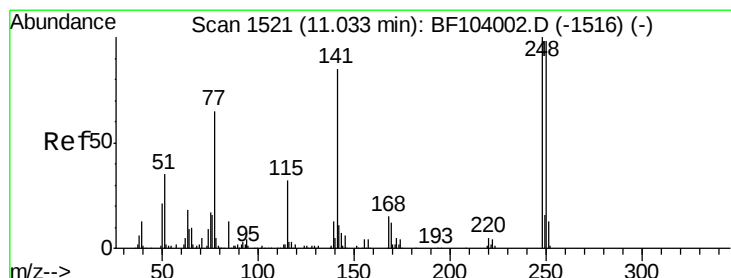
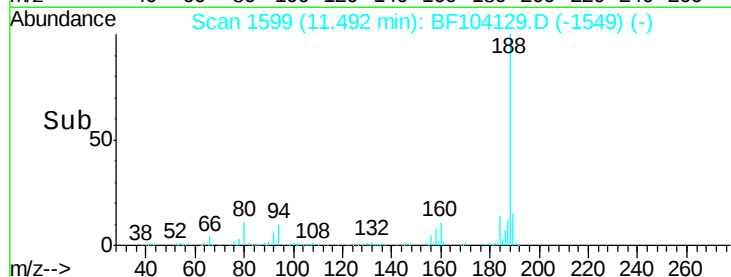
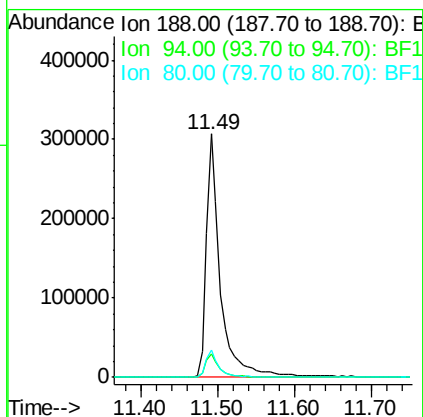
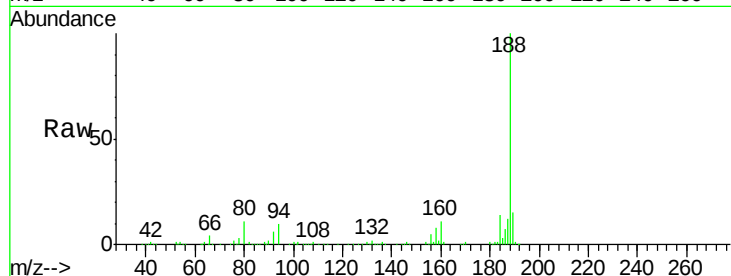




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

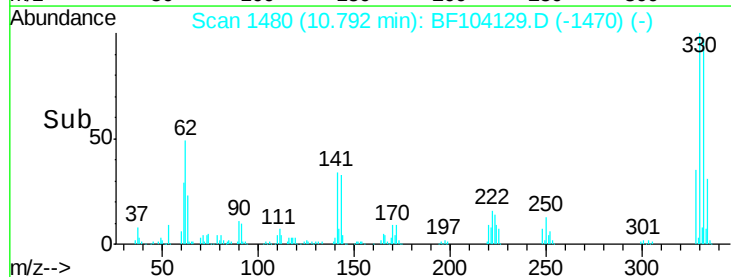
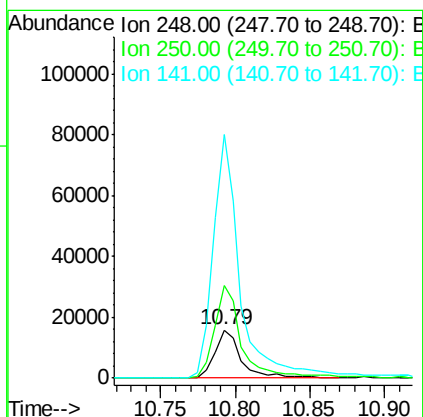
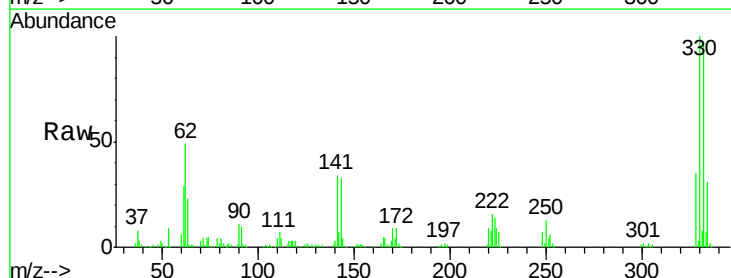
Instrument :
BNA_F
ClientSampleId :

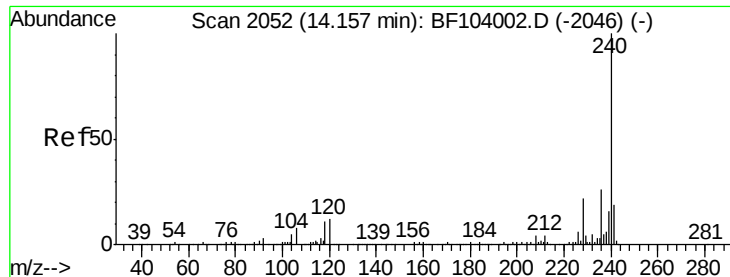
Tot Ion:188 Resp: 390284
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

Tgt Ion:248 Resp: 19745
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 506.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

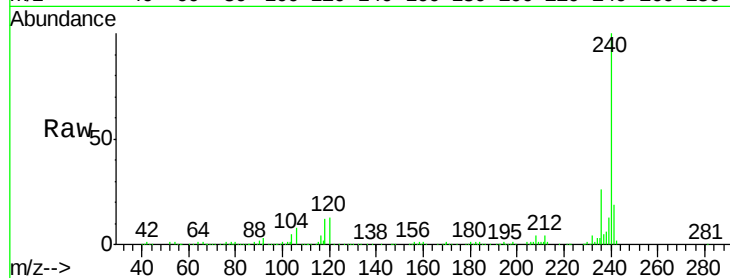
Tot Ion:240 Resp: 364908

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

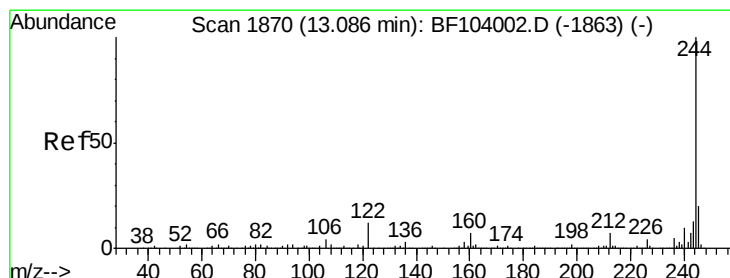
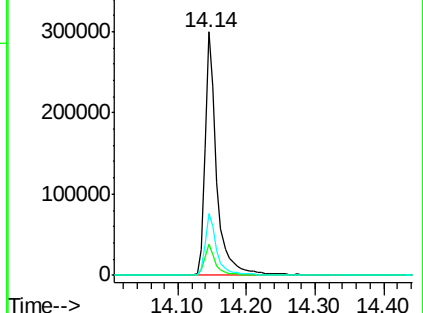
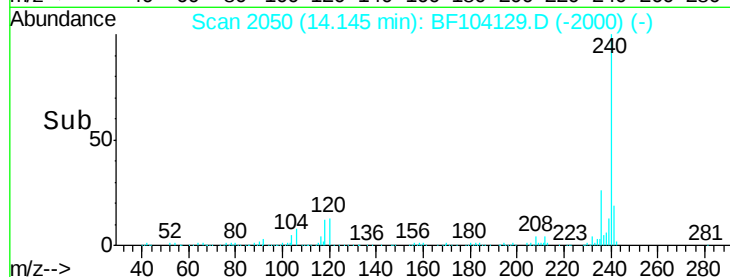
236 25.6 20.7 31.1



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: 91.792 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

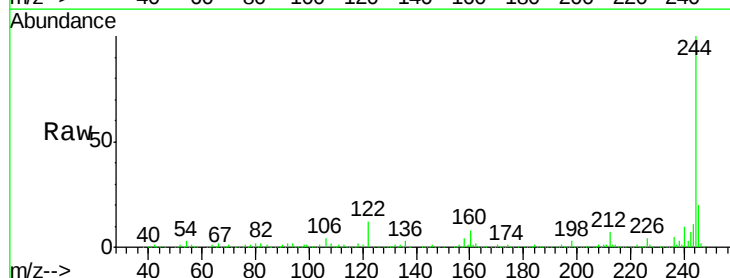
Tgt Ion:244 Resp: 1450679

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

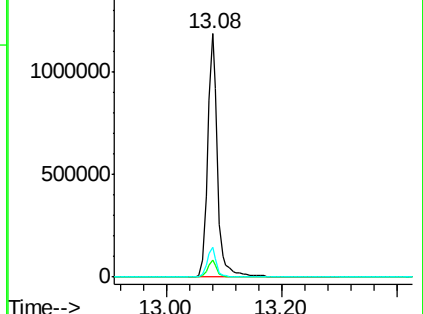
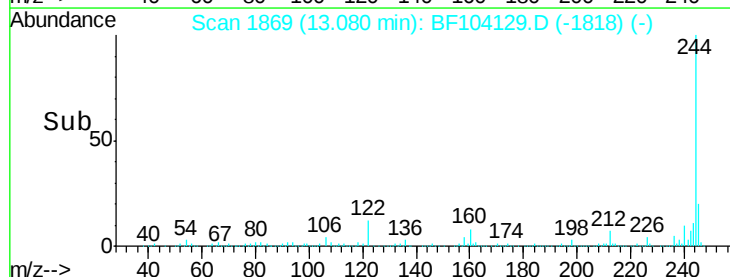
122 12.2 11.0 16.4

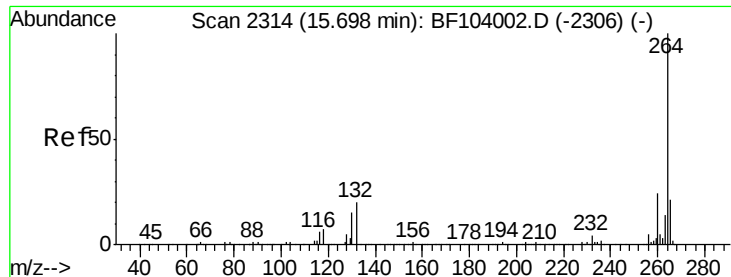


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

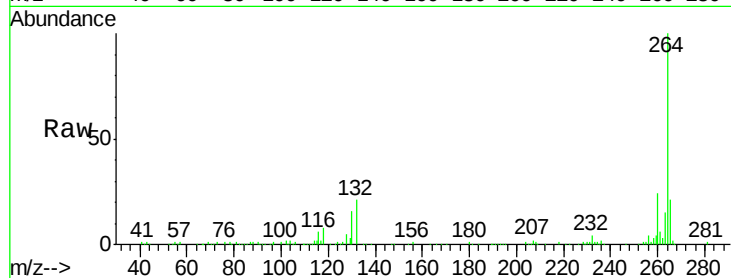




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 296043
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.6 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

