

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104964.D
 Acq On : 1 May 2018 6:03
 Operator : JU/SJ
 Sample : J2617-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 07:31:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116312	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473075	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206269	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	323057	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	233781	20.00	ng	-0.01
86) Perylene-d12	15.43	264	193941	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	280241	36.84	ng	0.00
7) Phenol-d6	6.42	99	209098	22.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	655294	90.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	157225	73.48	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1141157	87.40	ng	0.00
78) Terphenyl-d14	12.90	244	815334	79.51	ng	-0.01

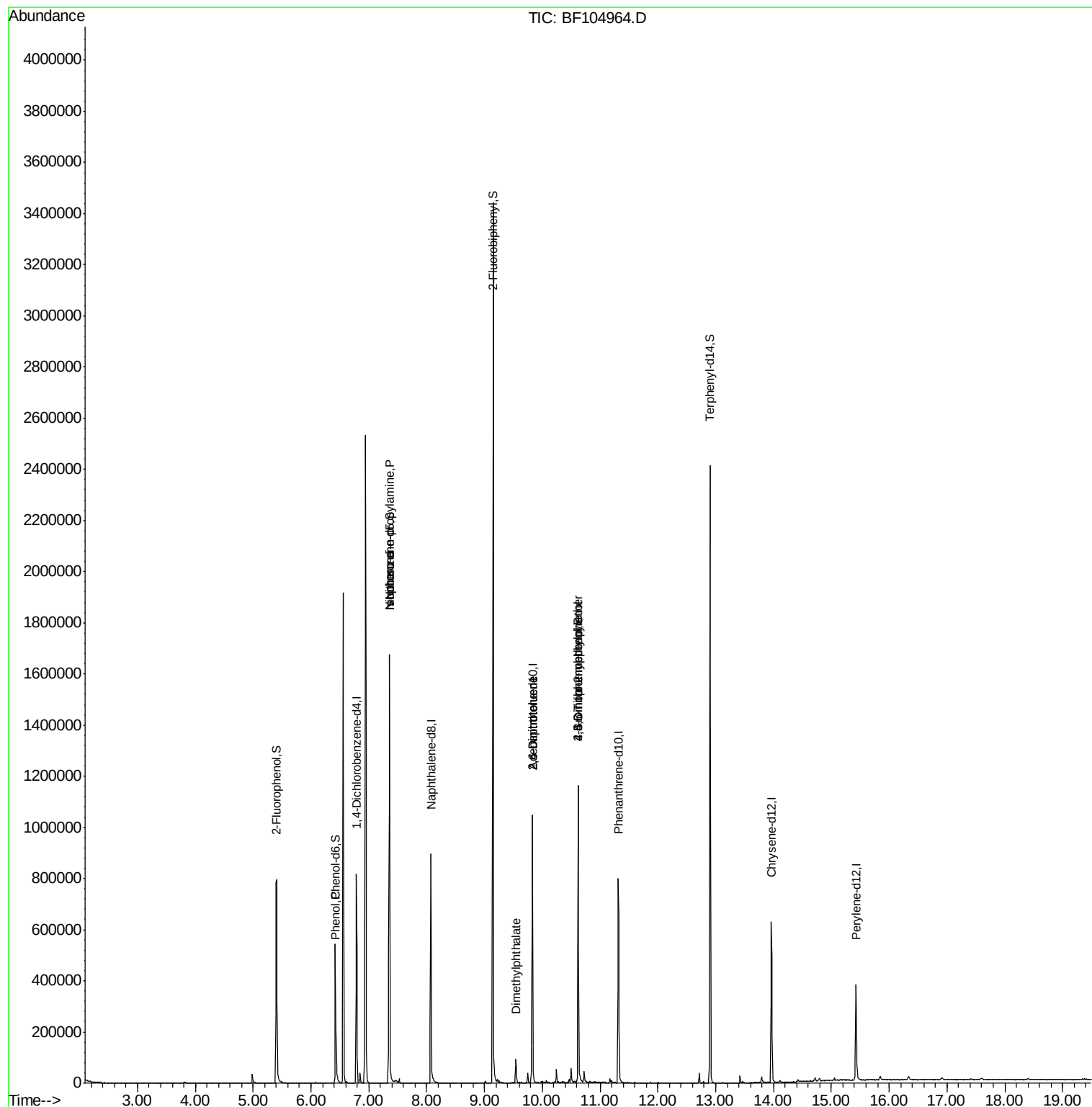
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	19924	2.01	ng	86
19) n-Nitroso-di-n-propylamine	7.36	70	85888	14.06	ng	# 73
25) Isophorone	7.36	82	655286	42.77	ng	# 64
49) Dimethylphthalate	9.55	163	45269	2.78	ng	99
50) 2,6-Dinitrotoluene	9.83	165	25352	8.42	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	25352	6.42	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	120	7.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	9303	2.71	ng	# 1
76) Benzidine	12.90	184	10360	Below Cal		# 93

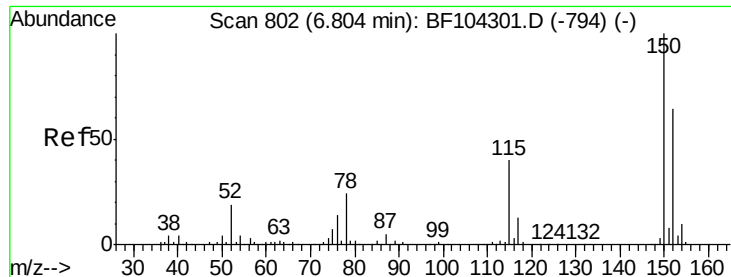
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

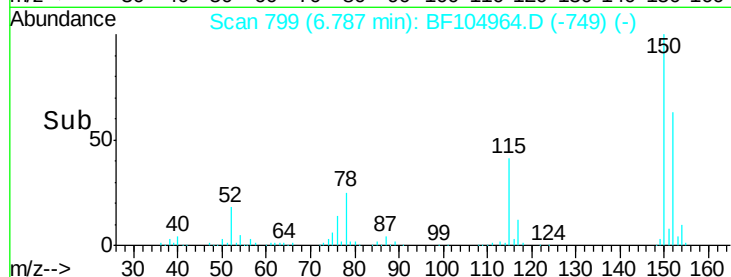
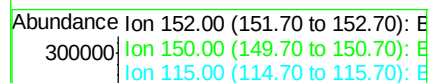
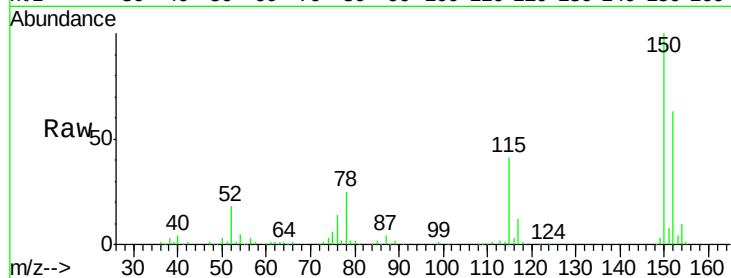
Tot Ion:152 Resp: 116312

Ion Ratio Lower Upper

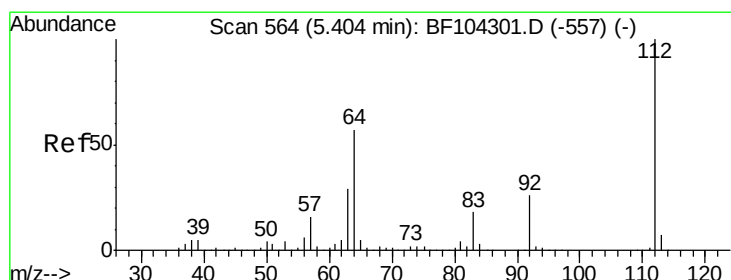
152 100

150 159.5 124.6 186.8

115 64.7 50.1 75.1



Time-->



#5

2-Fluorophenol

Concen: 36.84 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

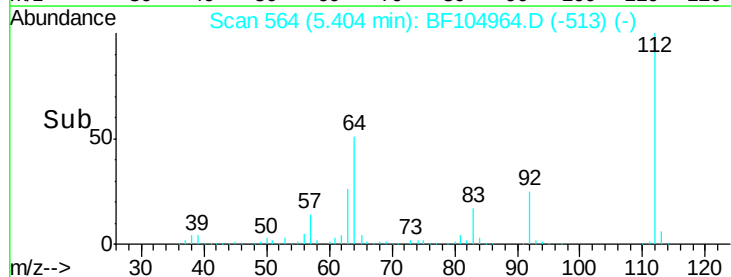
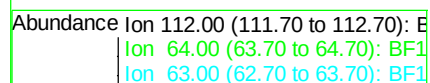
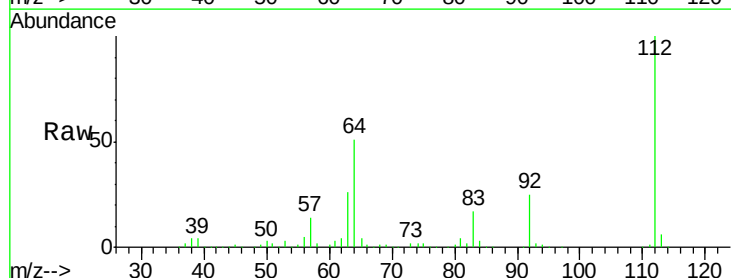
Tgt Ion:112 Resp: 280241

Ion Ratio Lower Upper

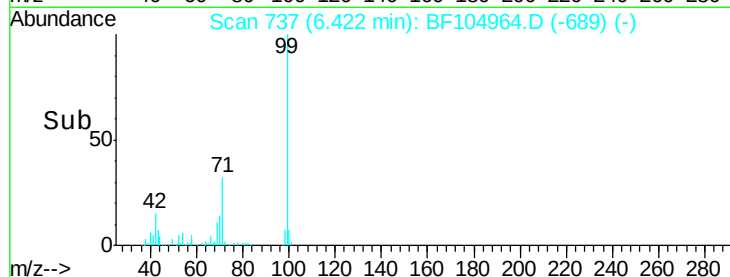
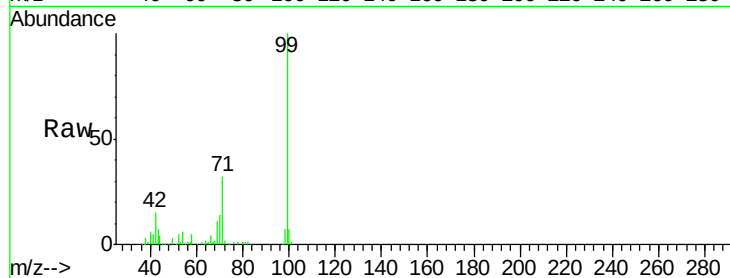
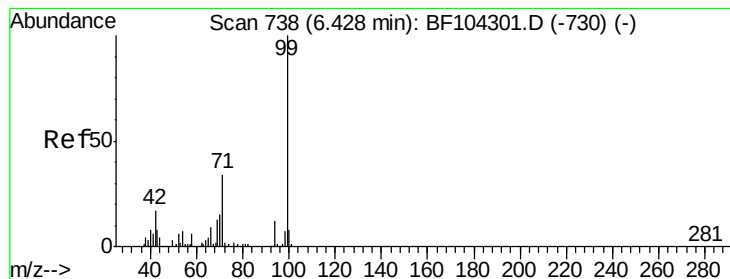
112 100

64 51.2 47.9 71.9

63 25.8 23.7 35.5



Time-->



#7

Phenol-d6

Concen: 22.37 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

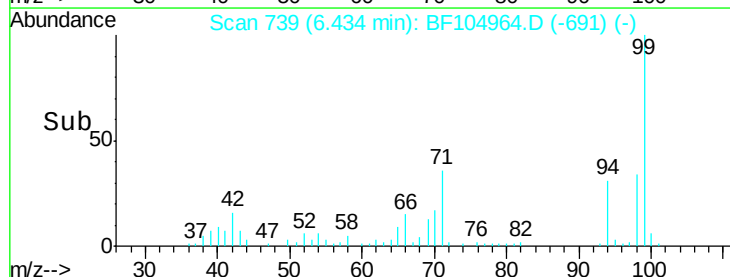
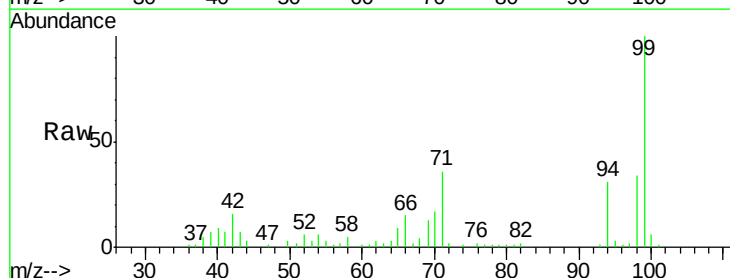
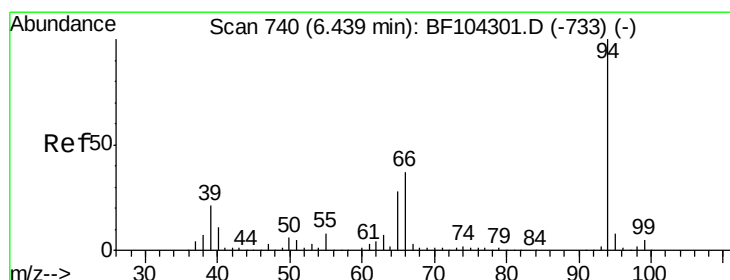
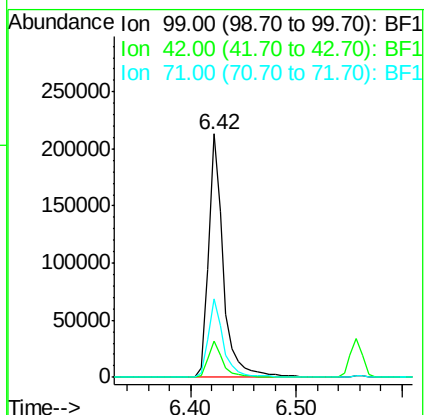
Tot Ion: 99 Resp: 209098

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 2.01 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

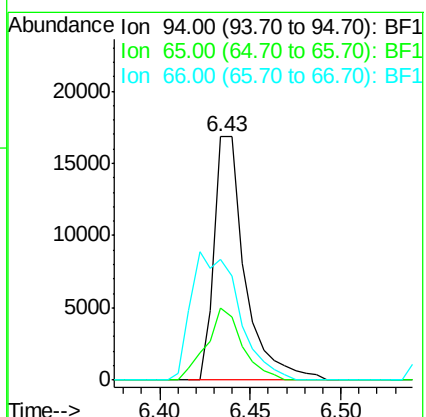
Tgt Ion: 94 Resp: 19924

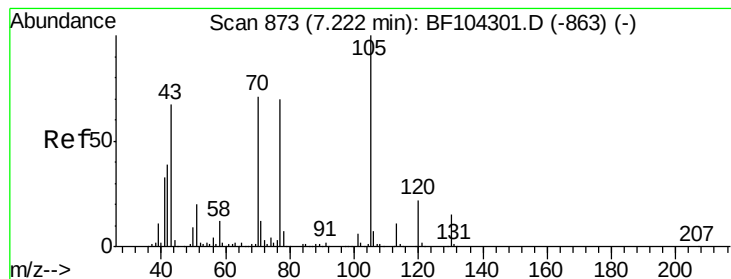
Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 49.6 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 85888

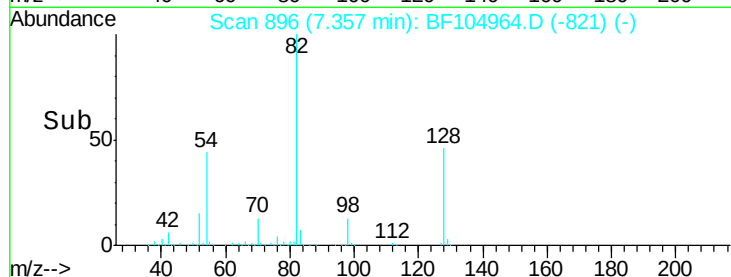
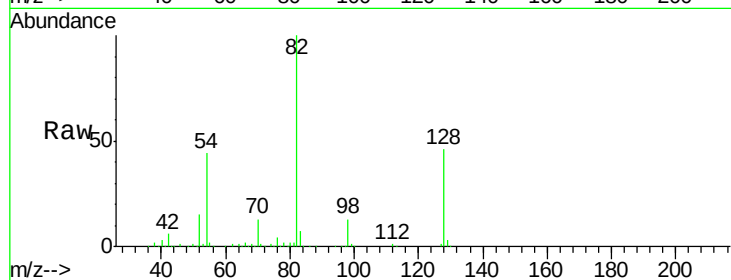
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

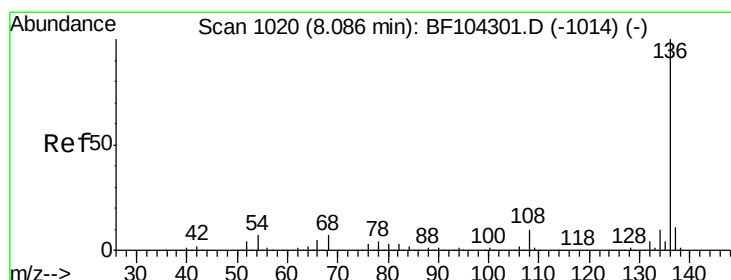
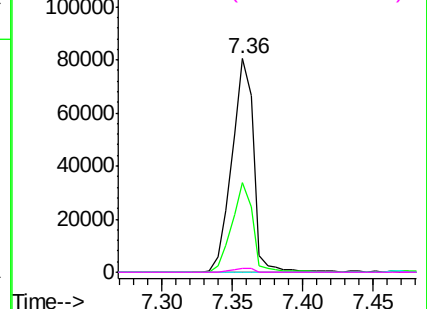


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104964.D

Acq: 1 May 2018 6:03

Tgt Ion: 136 Resp: 473075

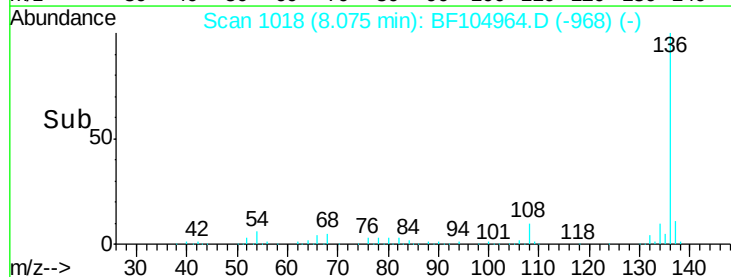
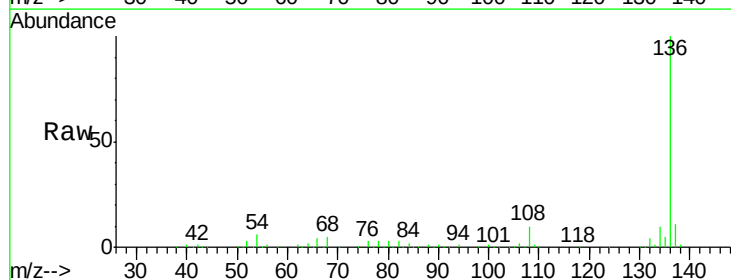
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.7 6.6 9.8#

68 5.3 5.0 7.4

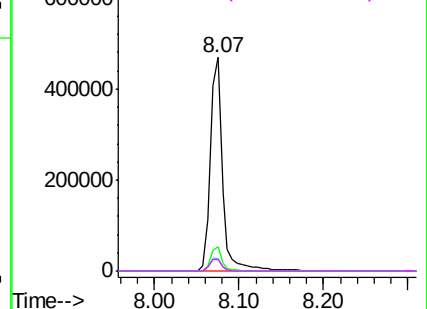


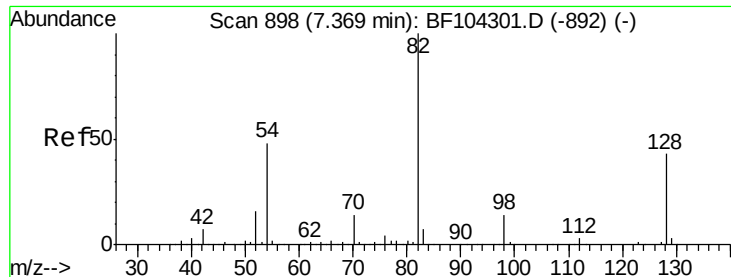
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

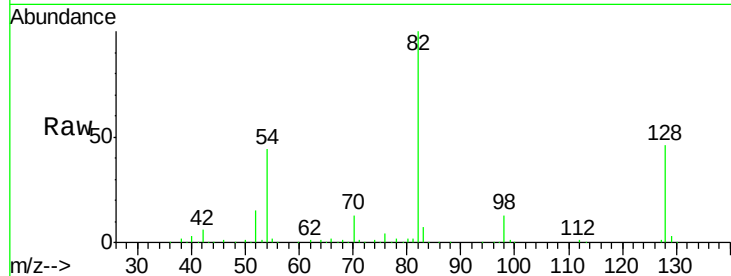




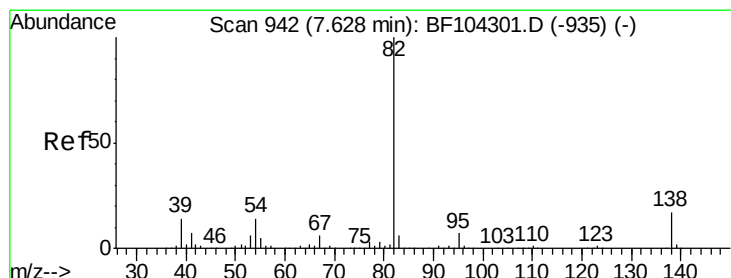
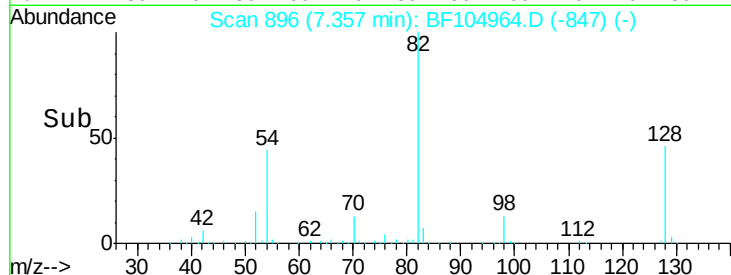
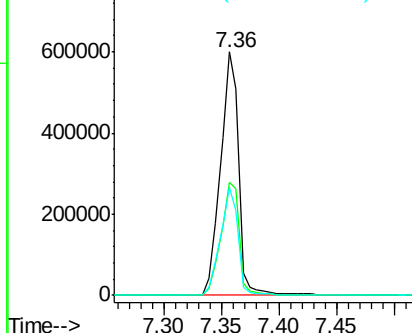
#23
 Nitrobenzene-d5
 Concen: 90.45 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 655294
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 44.4 41.4 62.2

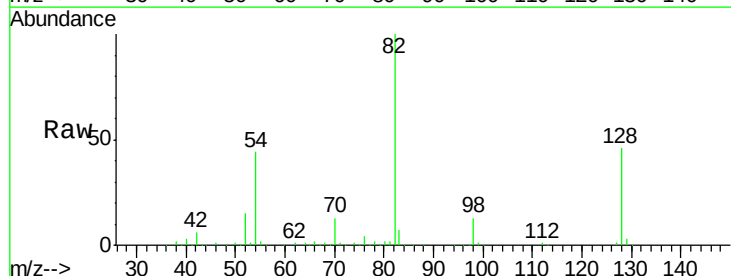


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

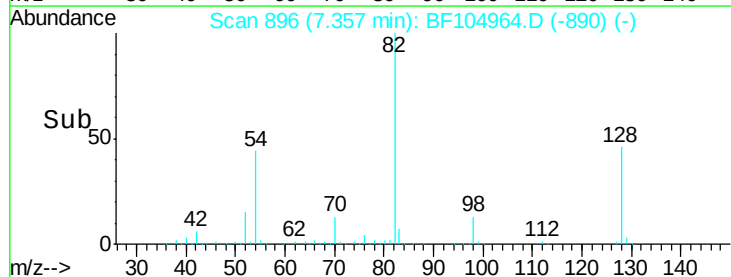
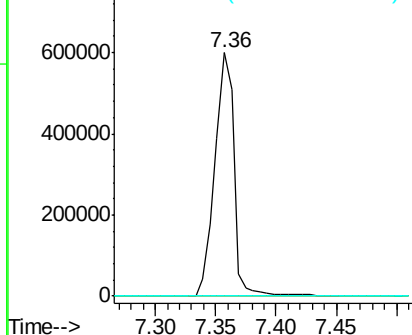


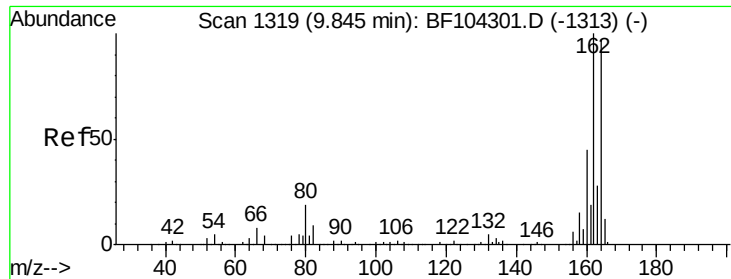
#25
 Isophorone
 Concen: 42.77 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Tgt Ion: 82 Resp: 655286
 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

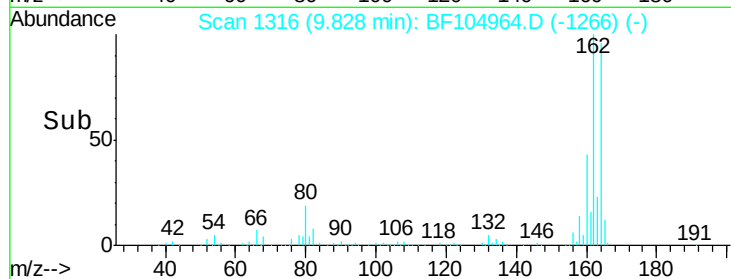
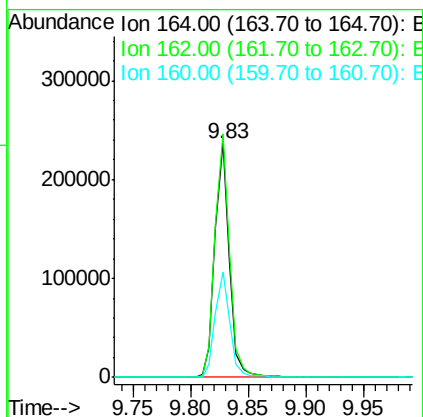
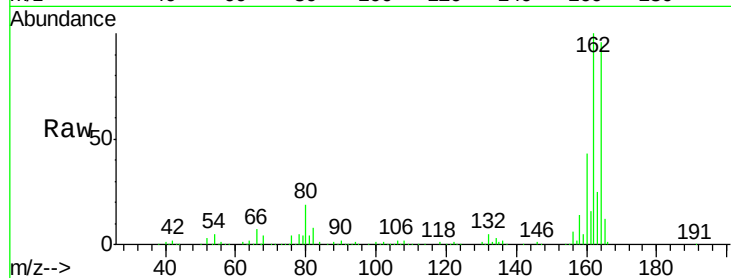




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

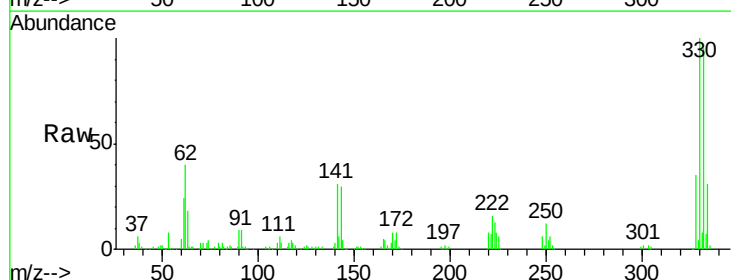
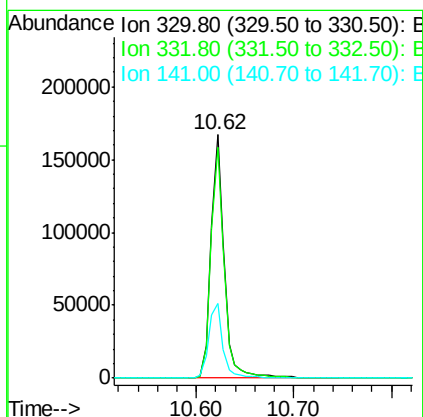
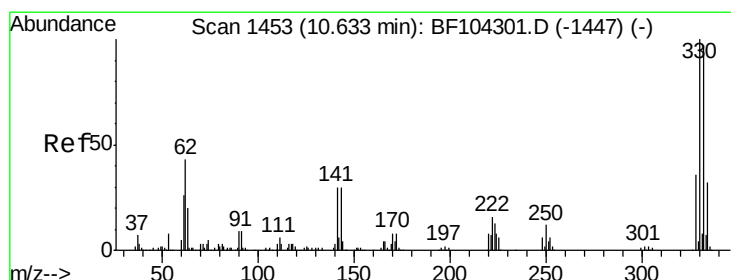
Instrument :
 BNA_F
 ClientSampleId :

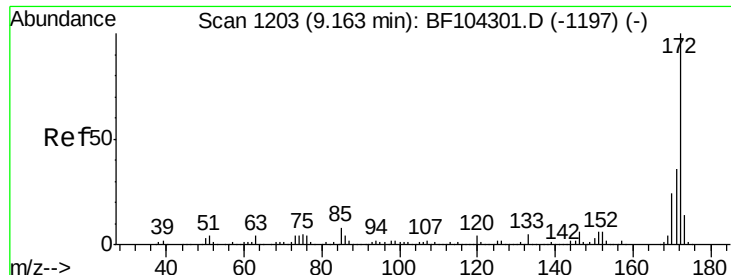
Tot Ion:164 Resp: 206269
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 73.48 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Tgt Ion:330 Resp: 157225
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.5 29.9 44.9

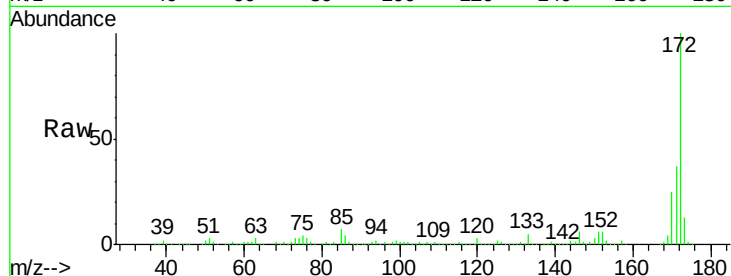




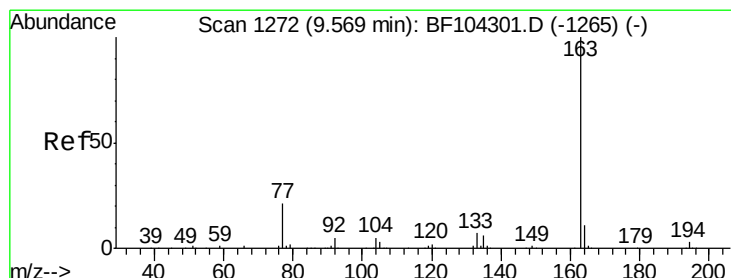
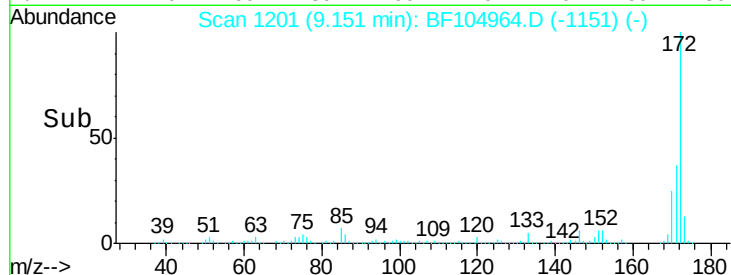
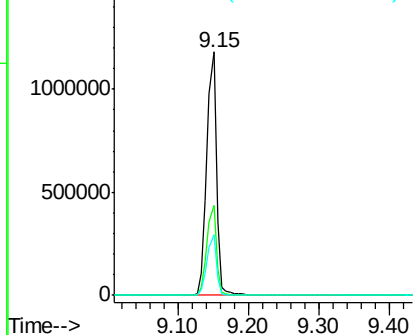
#44
2-Fluorobiphenyl
Concen: 87.40 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1141157
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 19.6 29.4

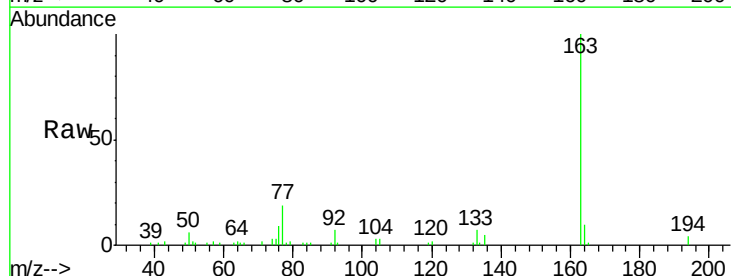


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

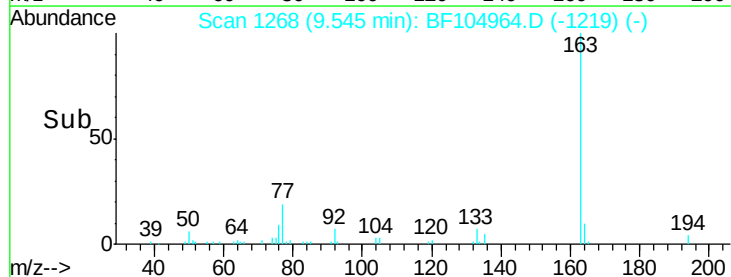
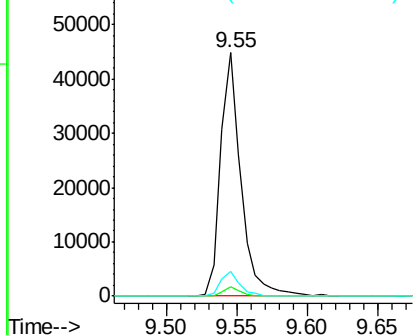


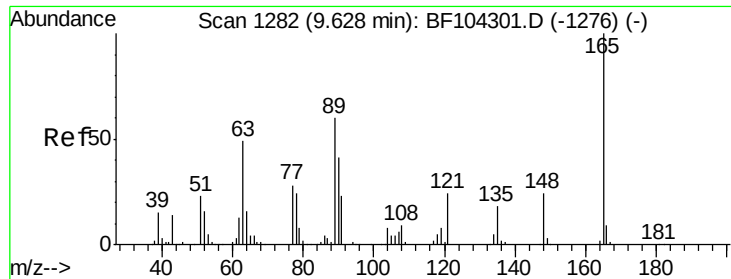
#49
Dimethylphthalate
Concen: 2.78 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Tgt Ion:163 Resp: 45269
Ion Ratio Lower Upper
163 100
194 3.9 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

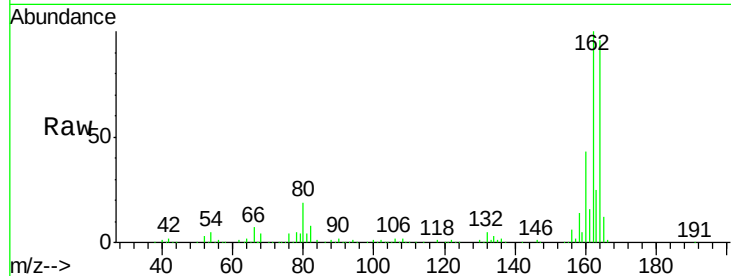




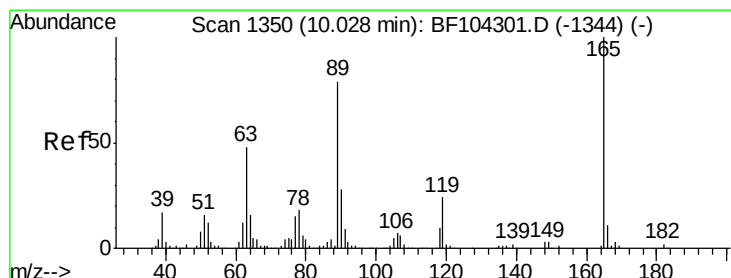
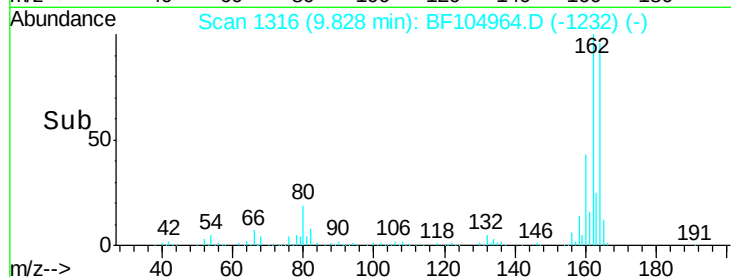
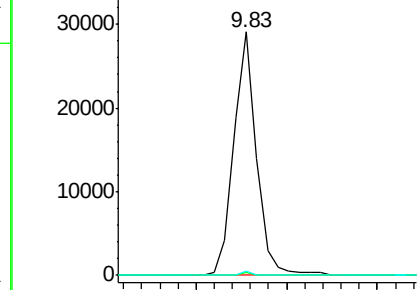
#50
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#

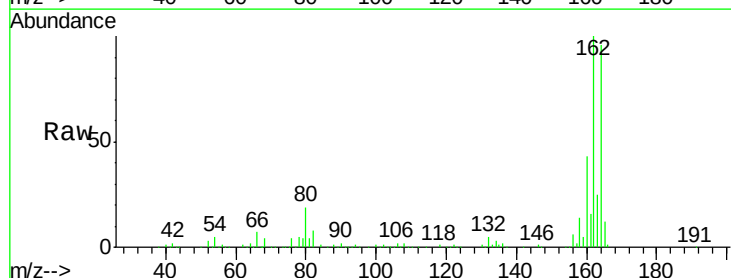


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

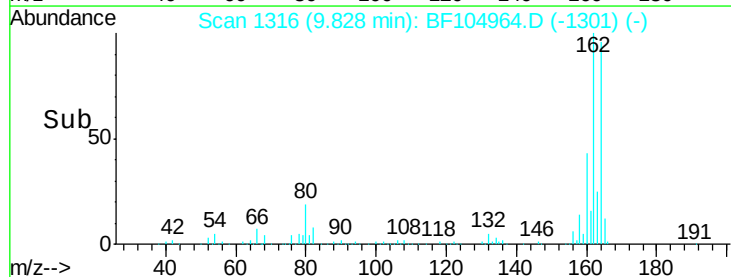
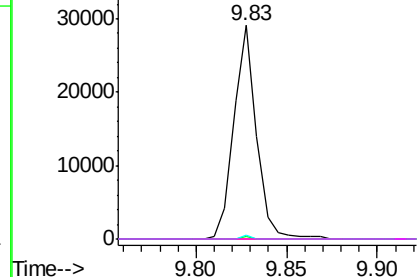


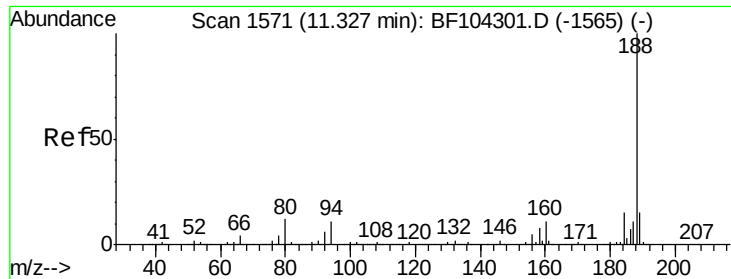
#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	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

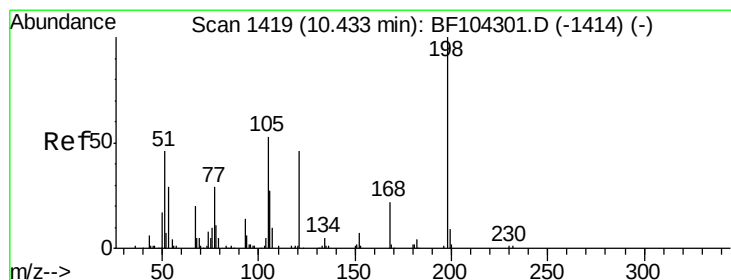
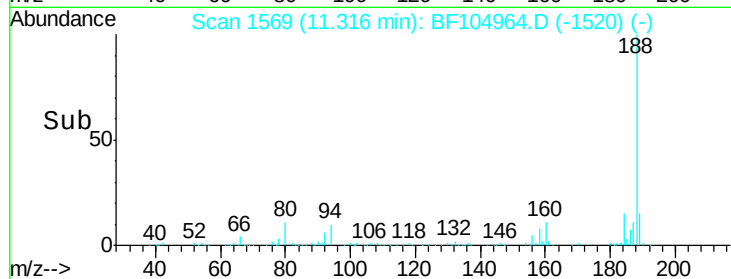
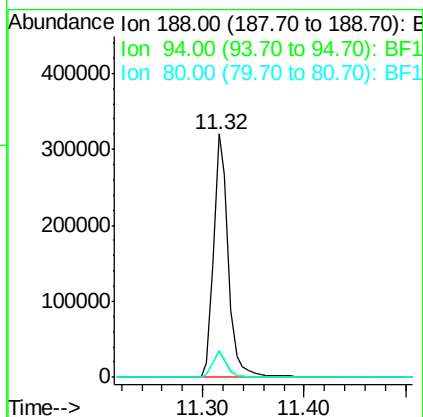
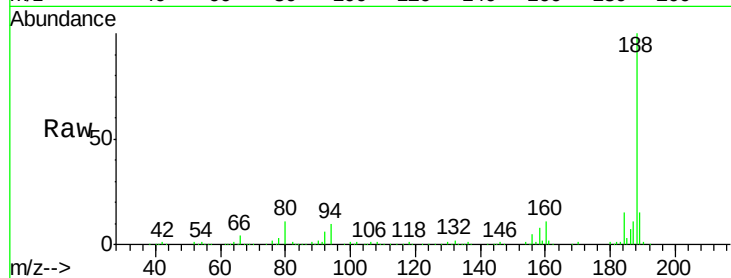




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

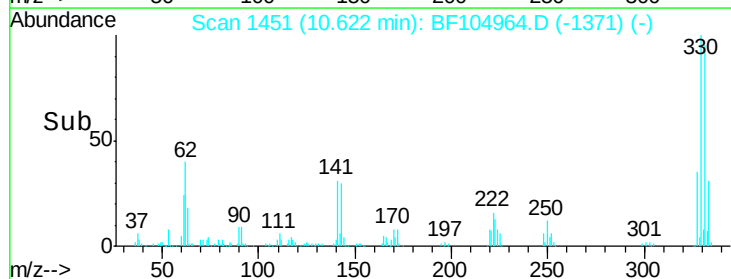
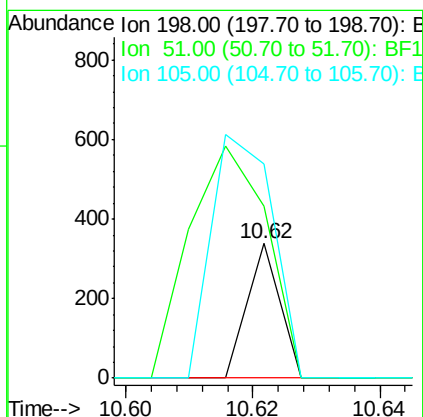
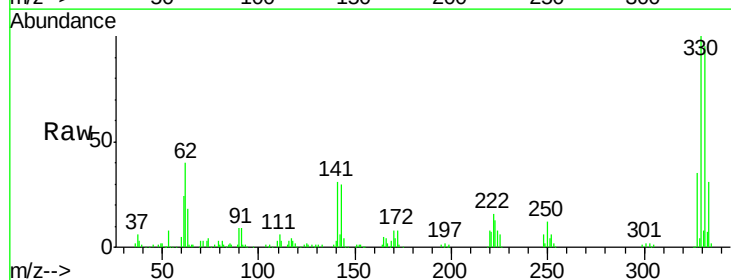
Instrument :
 BNA_F
 ClientSampleId :

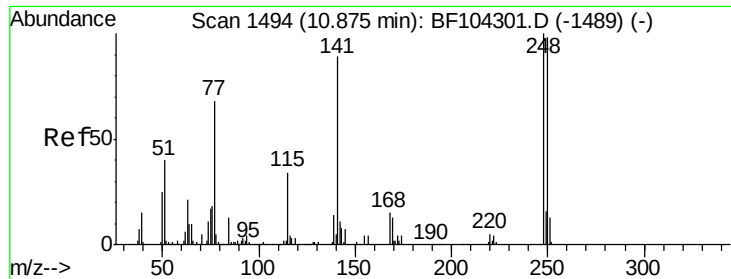
Tot Ion:188 Resp: 323057
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.41 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.17 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Tgt Ion:198 Resp: 120
 Ion Ratio Lower Upper
 198 100
 51 127.7 37.7 77.7#
 105 159.3 36.3 76.3#

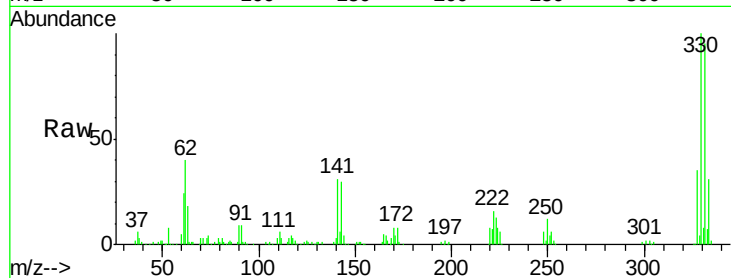




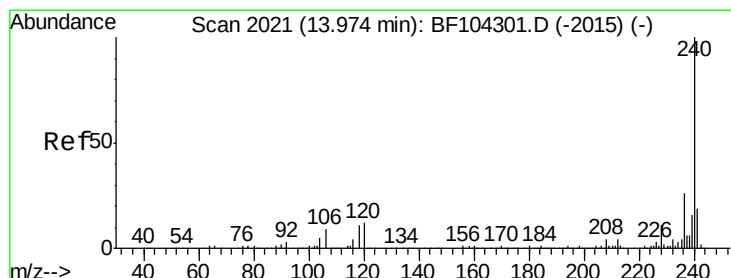
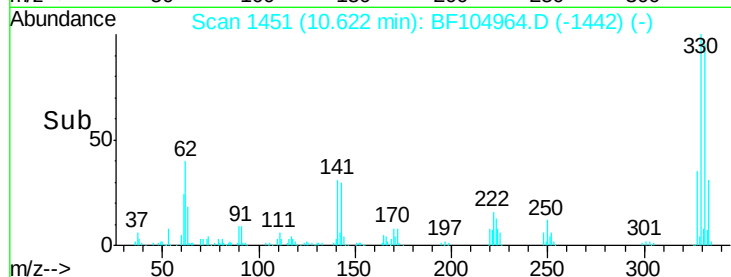
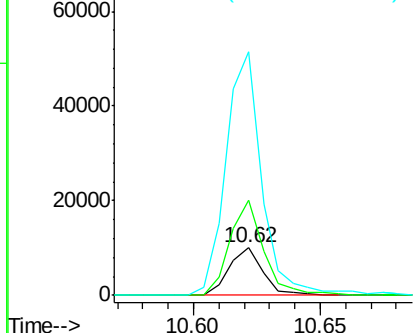
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9303
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 515.0 74.4 111.6#

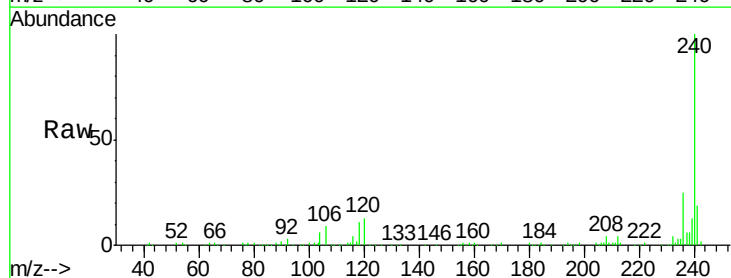


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

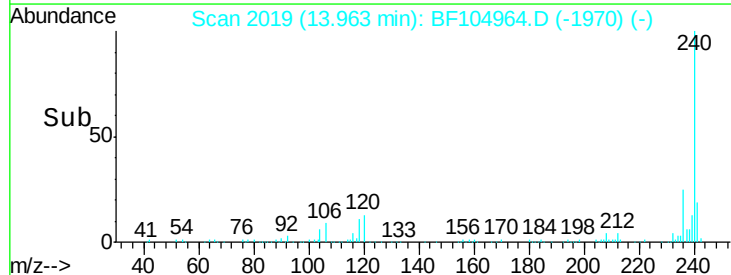
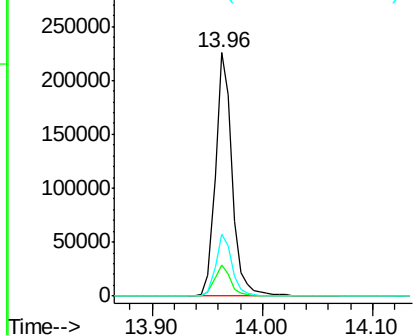


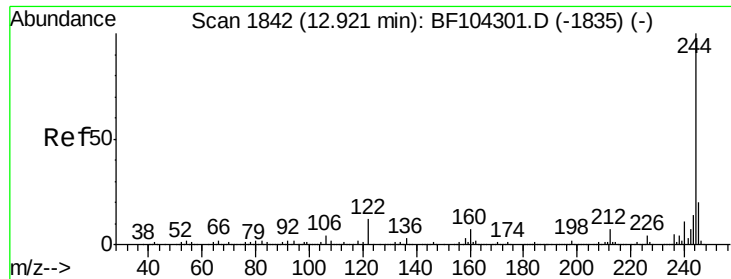
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104964.D
Acq: 1 May 2018 6:03

Tgt Ion:240 Resp: 233781
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 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

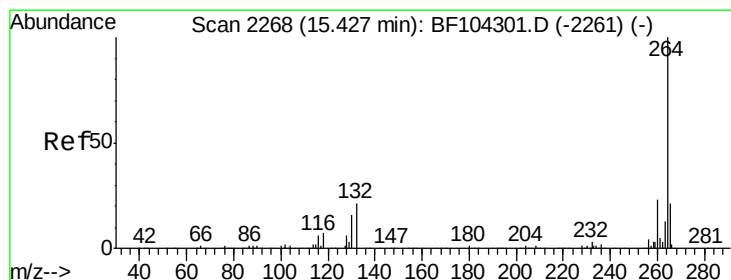
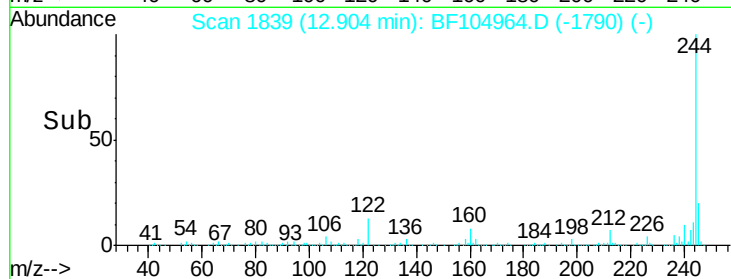
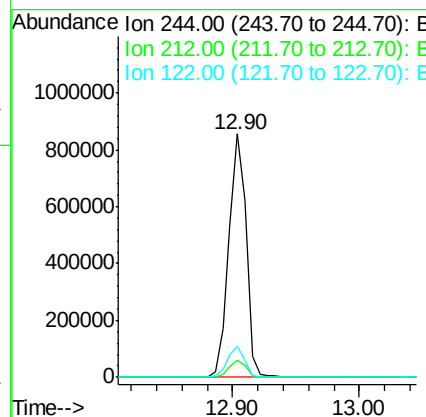
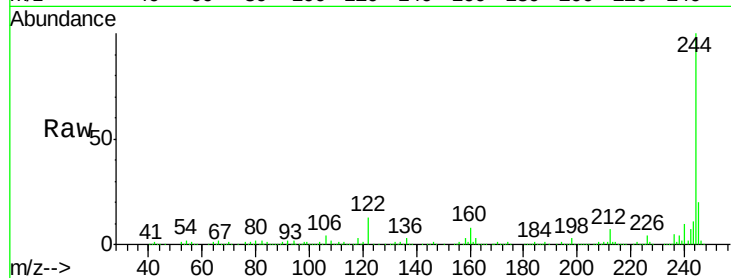




#78
 Terphenyl-d14
 Concen: 79.51 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 815334
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104964.D
 Acq: 1 May 2018 6:03

Tgt Ion:264 Resp: 193941
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.8 17.5 26.3

