

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105057.D
 Acq On : 3 May 2018 3:49
 Operator : JU/SJ
 Sample : J2684-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: May 03 07:01:42 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

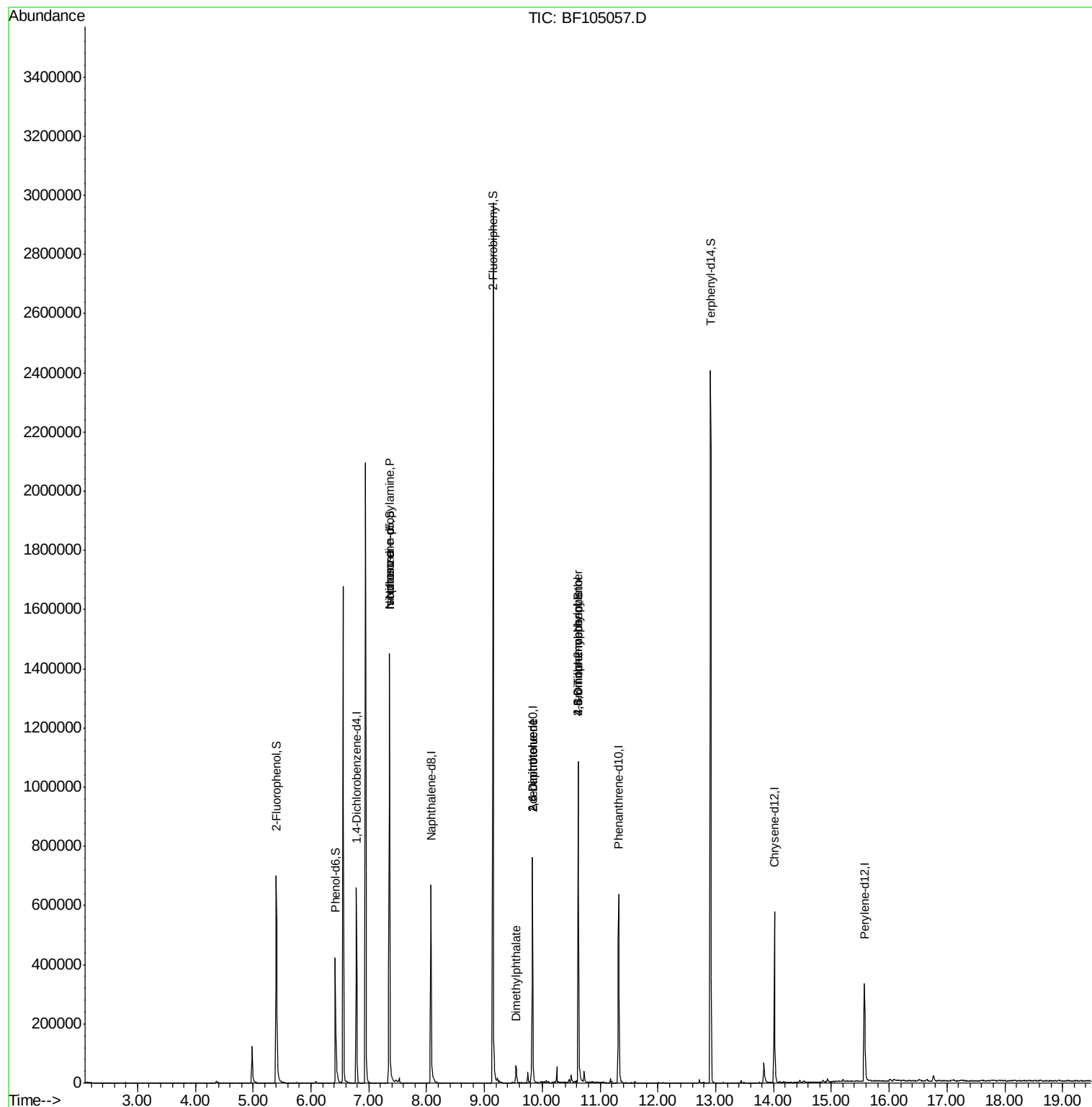
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91695	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	371831	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	158844	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	262366	20.00	ng	0.00
75) Chrysene-d12	14.02	240	231992	20.00	ng	-0.02
86) Perylene-d12	15.57	264	181742	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	254053	42.36	ng	0.00
7) Phenol-d6	6.42	99	186999	25.38	ng	-0.02
23) Nitrobenzene-d5	7.36	82	557620	97.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	143845	87.30	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	989147	98.37	ng	0.00
78) Terphenyl-d14	12.91	244	891745	87.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	70224	14.585	ng	# 74
25) Isophorone	7.36	82	552064	45.847	ng	# 64
49) Dimethylphthalate	9.55	163	31243	2.494	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	19821	8.552	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	19821	6.519	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.62	198	154	7.449	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	8712	3.122	ng	# 1
76) Benzidine	12.91	184	11275	Below Cal		96

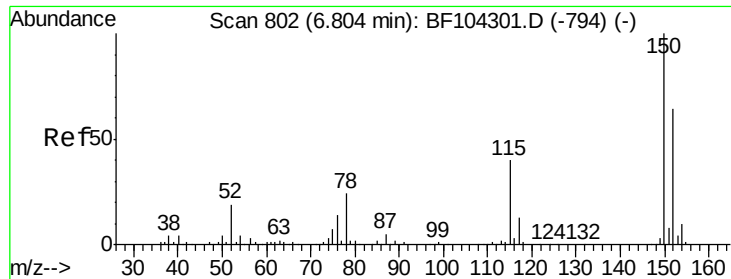
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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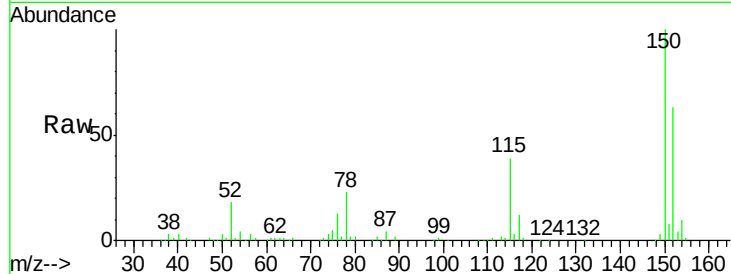


#1

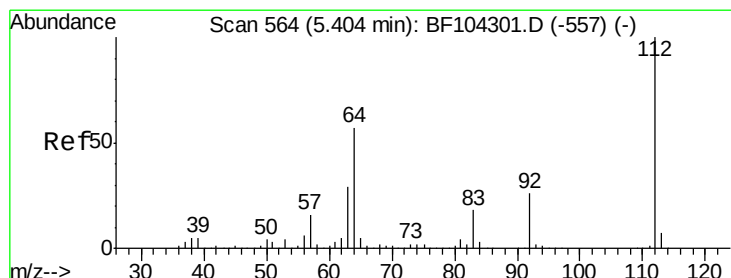
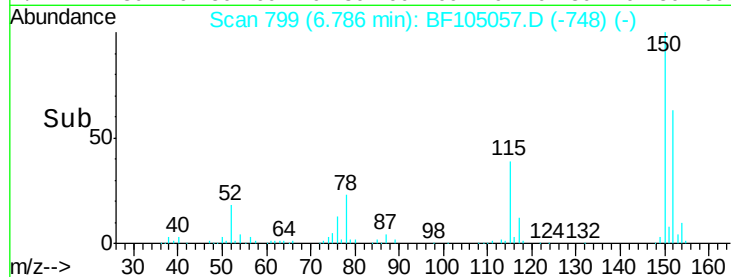
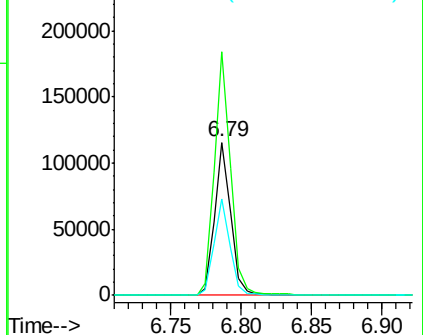
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105057.D
Acq: 3 May 2018 3:49

Instrument :
BNA_F
ClientSampleID :
DFTPP

Tgt Ion:152 Resp: 91695
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.7 50.1 75.1



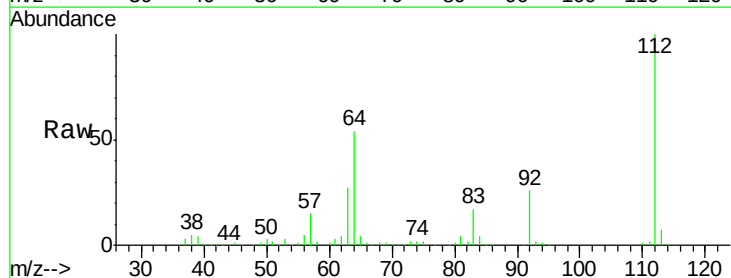
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



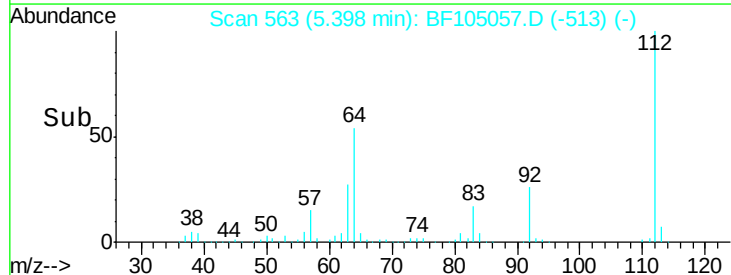
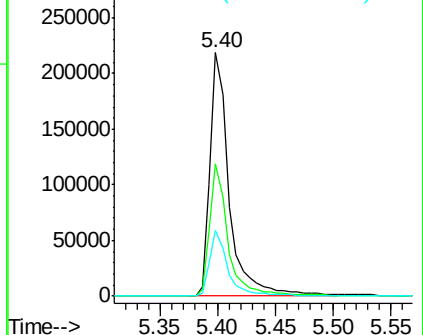
#5

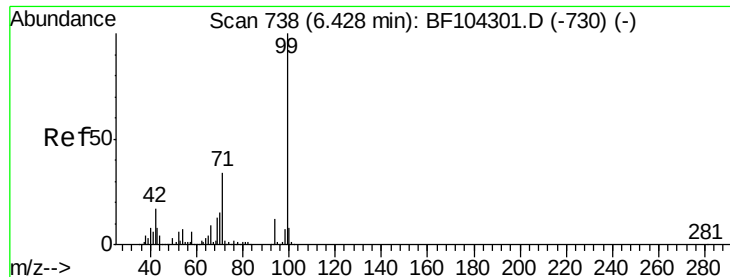
2-Fluorophenol
Concen: 42.364 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105057.D
Acq: 3 May 2018 3:49

Tgt Ion:112 Resp: 254053
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.8 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: 25.379 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

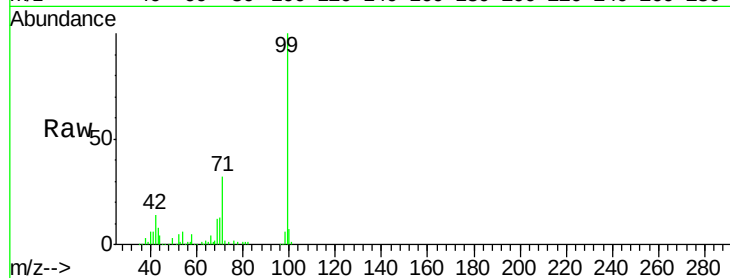
Tgt Ion: 99 Resp: 186999

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

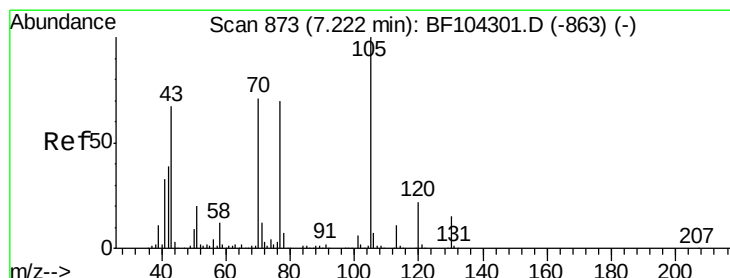
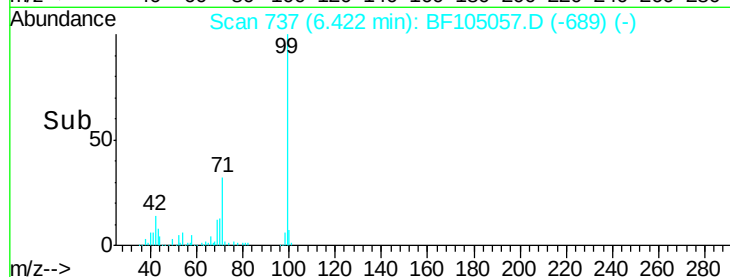
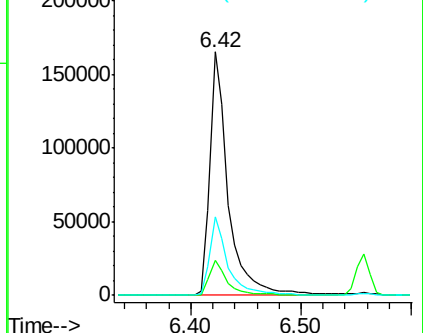
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.585 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Tgt Ion: 70 Resp: 70224

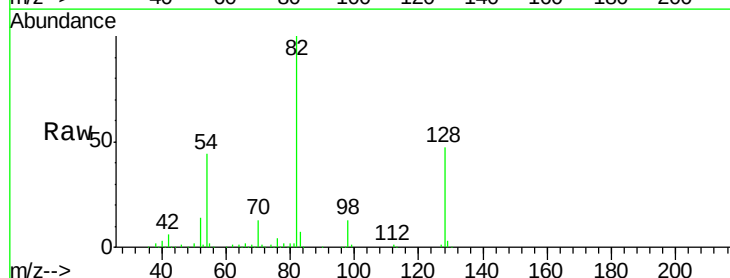
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

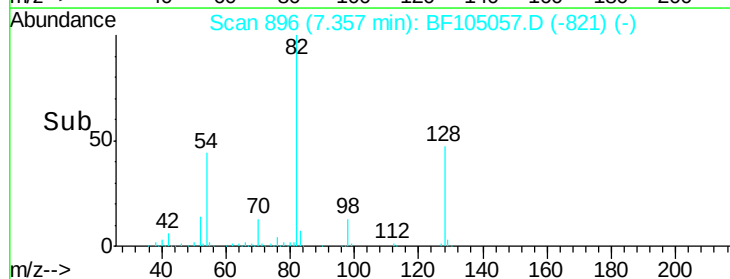
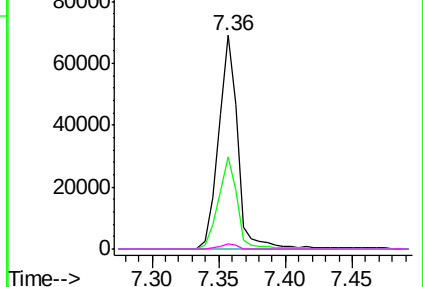


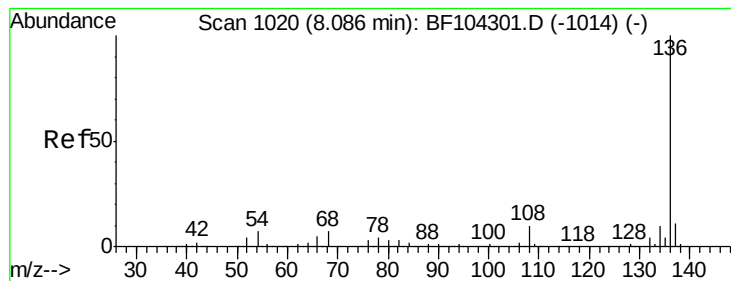
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 371831

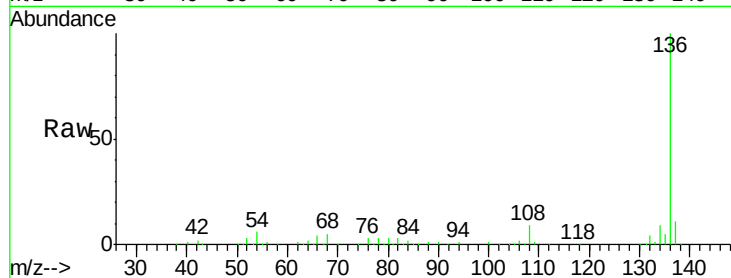
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

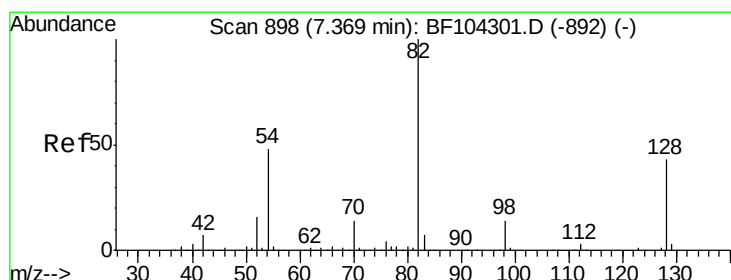
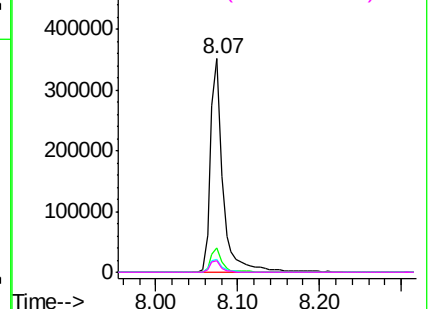
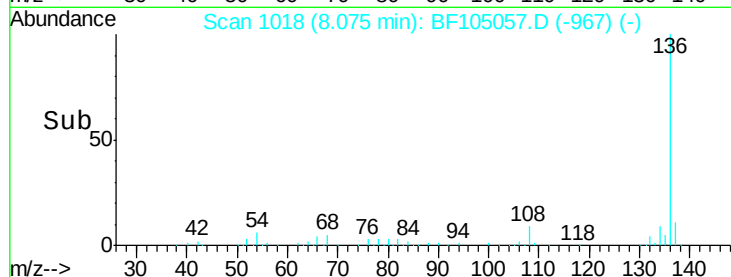


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.925 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

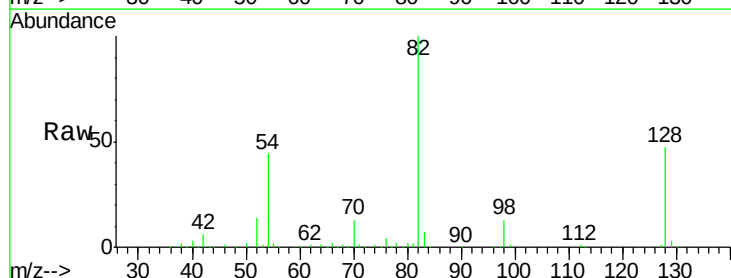
Tgt Ion: 82 Resp: 557620

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

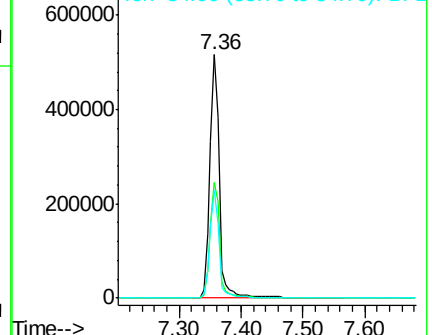
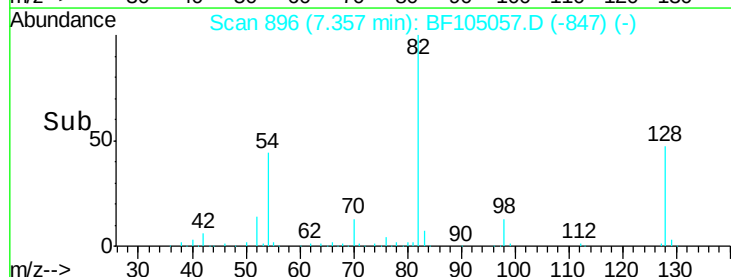
54 44.4 41.4 62.2

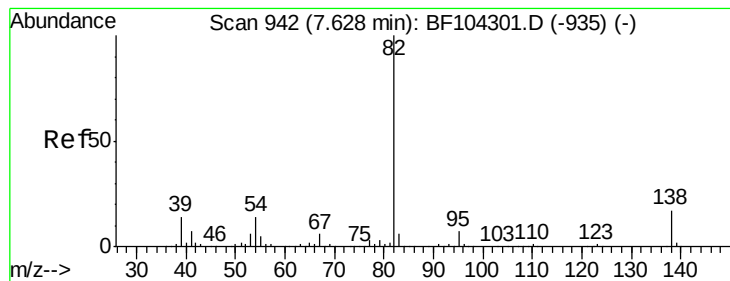


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.847 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

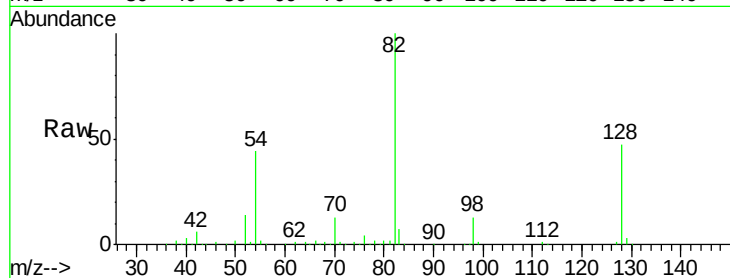
Tgt Ion: 82 Resp: 552064

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

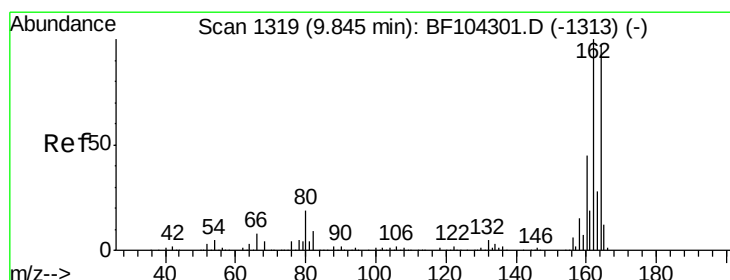
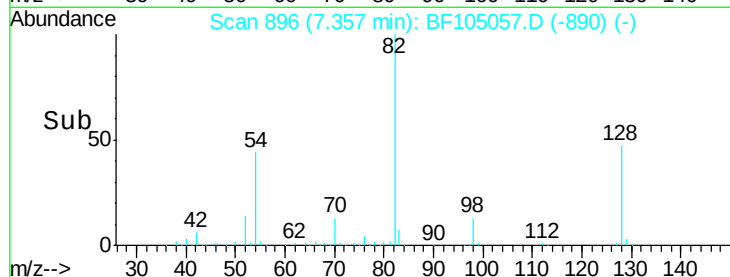
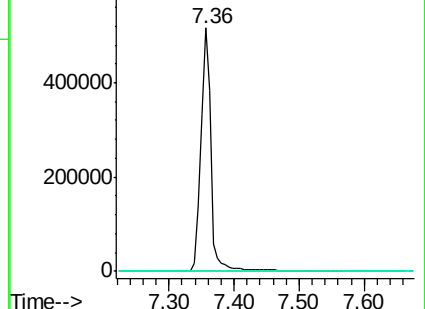
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

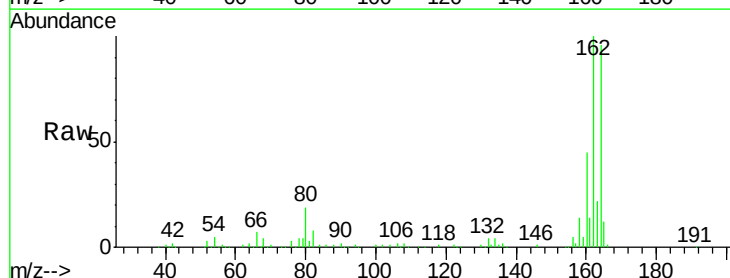
Tgt Ion: 164 Resp: 158844

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

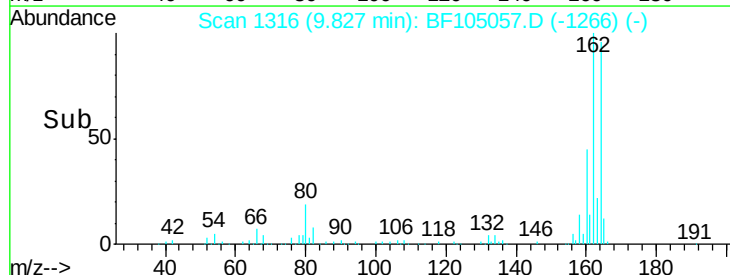
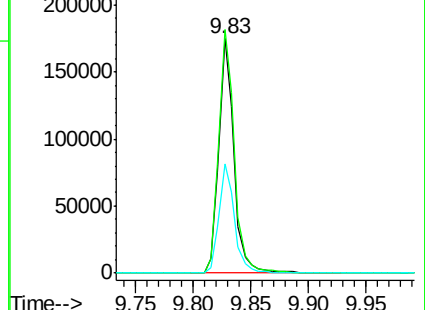
160 46.5 38.3 57.5

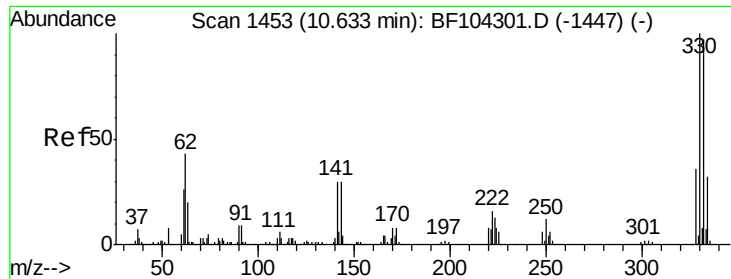


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 87.299 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

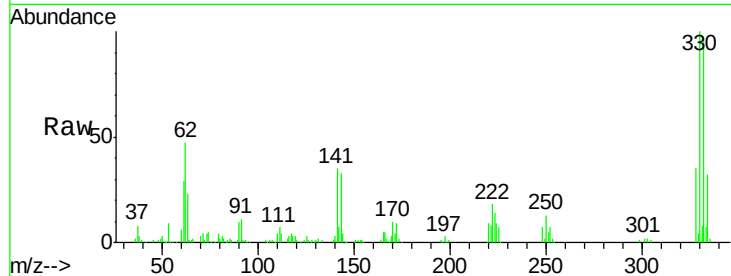
Tgt Ion:330 Resp: 143845

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

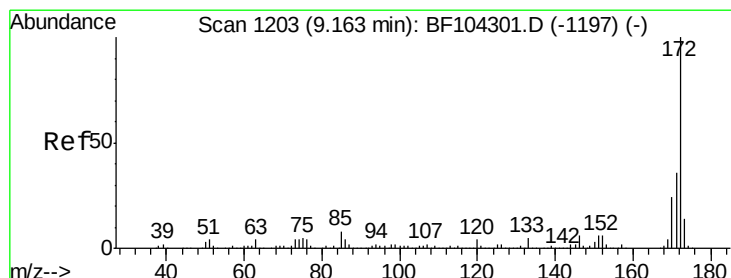
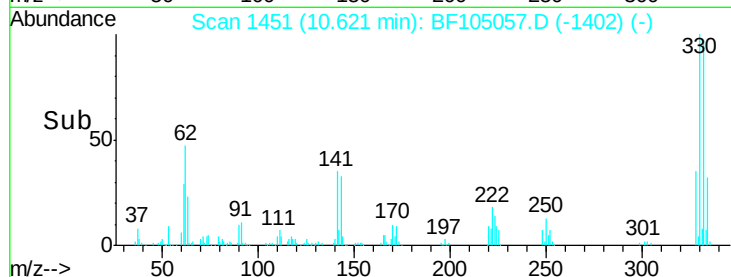
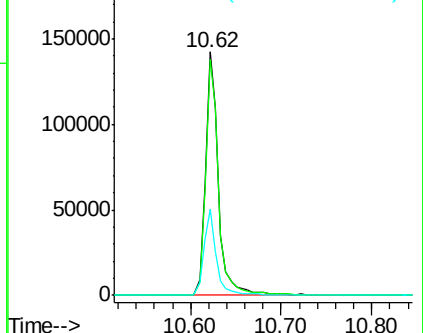
141 33.9 29.9 44.9



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: 98.374 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

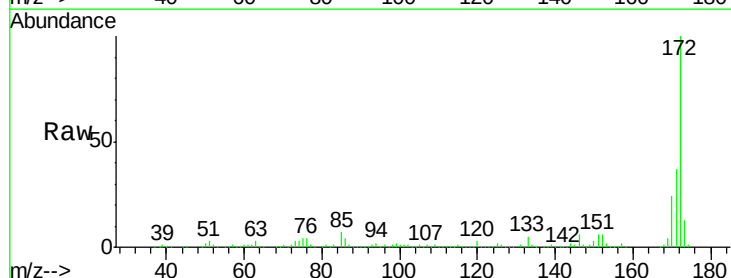
Tgt Ion:172 Resp: 989147

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

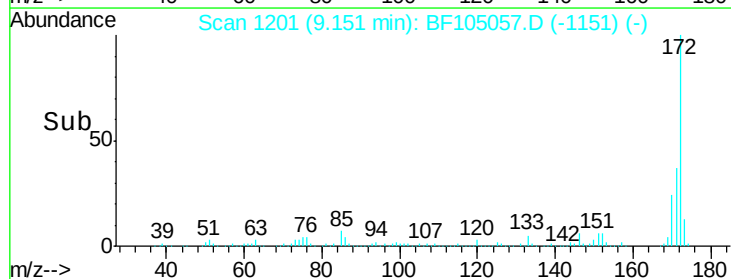
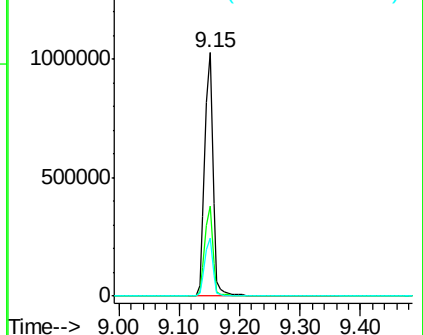
170 23.8 19.6 29.4

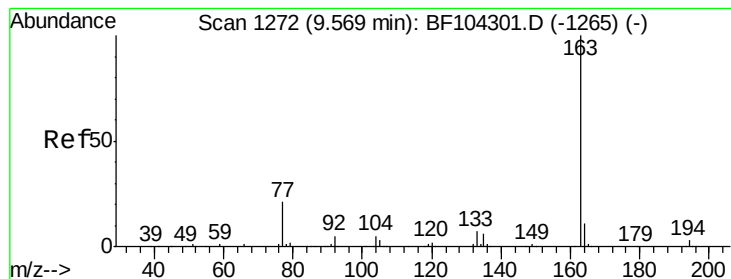


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.494 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

Instrument :

BNA_F

ClientSampleId :

DFTPP

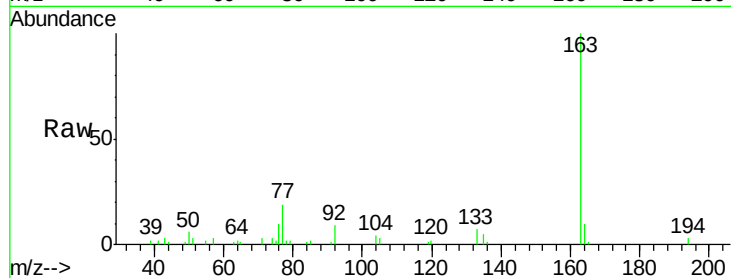
Tgt Ion:163 Resp: 31243

Ion Ratio Lower Upper

163 100

194 2.6 2.7 4.1#

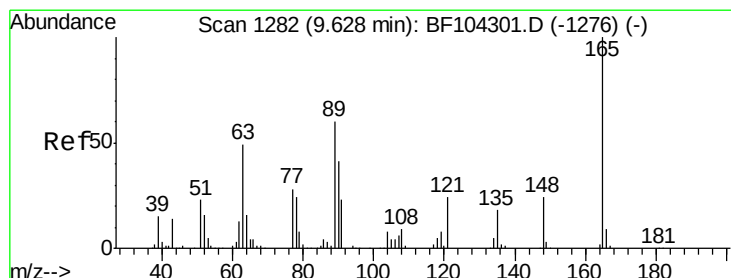
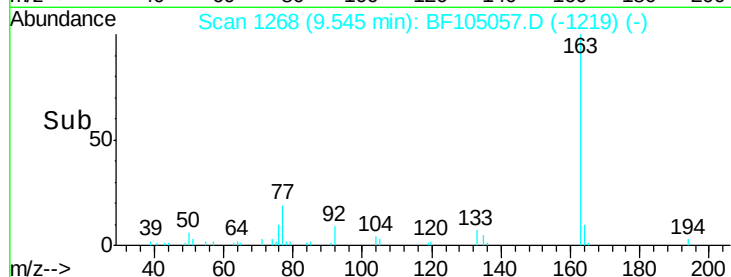
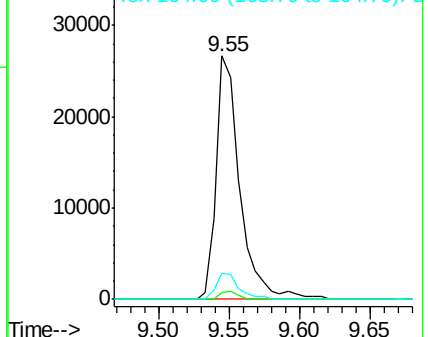
164 10.4 8.2 12.2



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: 8.552 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF105057.D

Acq: 3 May 2018 3:49

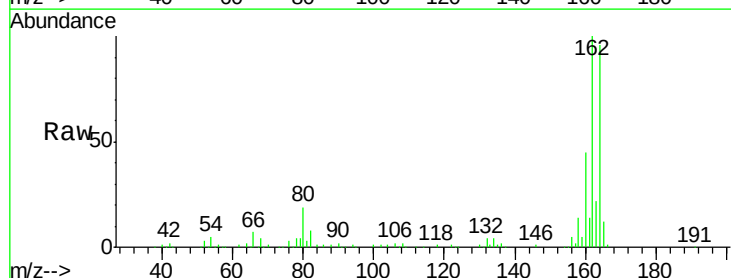
Tgt Ion:165 Resp: 19821

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

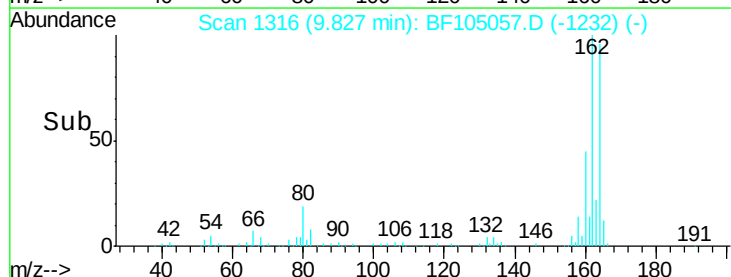
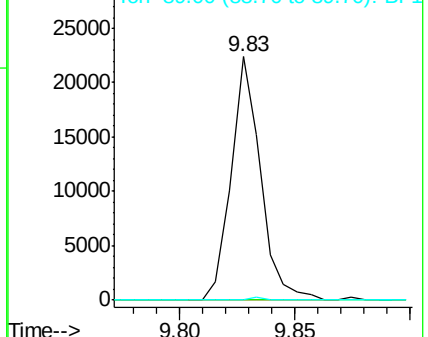
89 0.0 44.0 66.0#

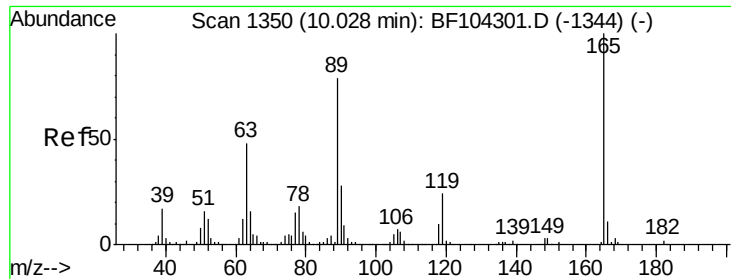


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

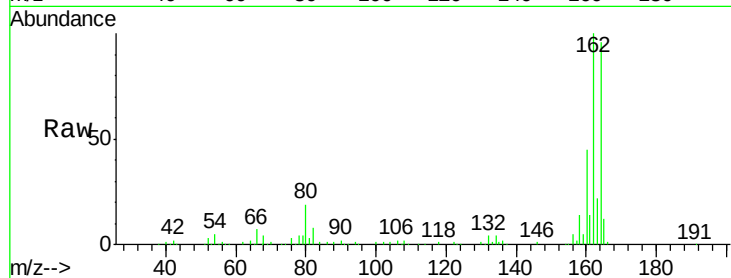




#56
 2,4-Dinitrotoluene
 Concen: 6.519 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:	165	Resp:	19821
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

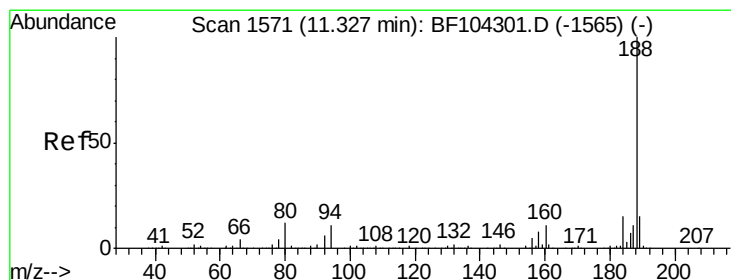
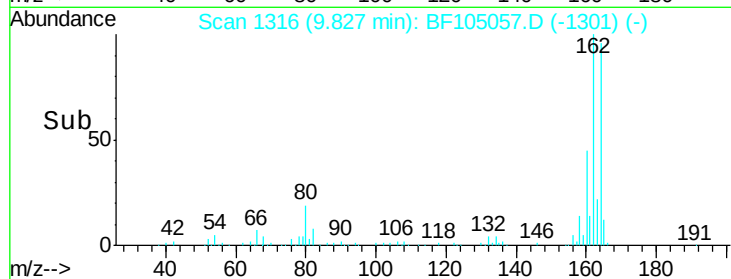
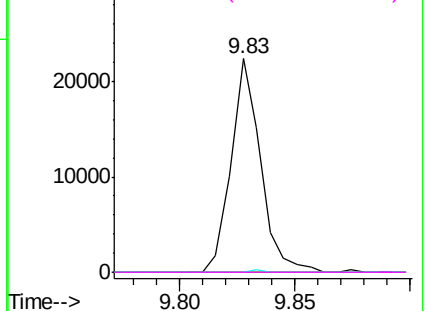


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

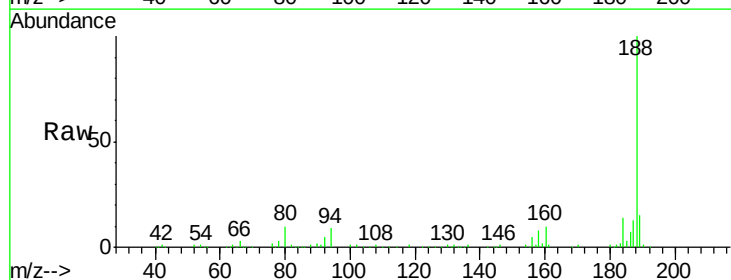
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

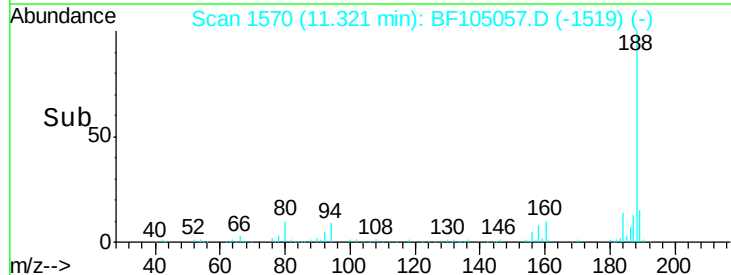
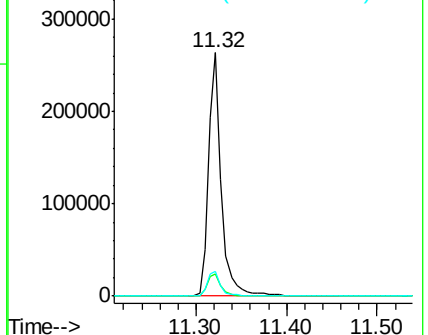
Tgt Ion:	188	Resp:	262366
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	9.2	13.8

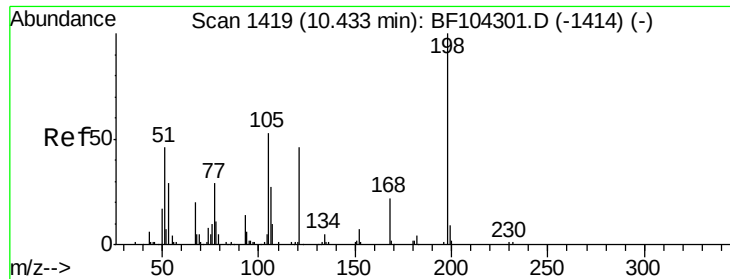


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

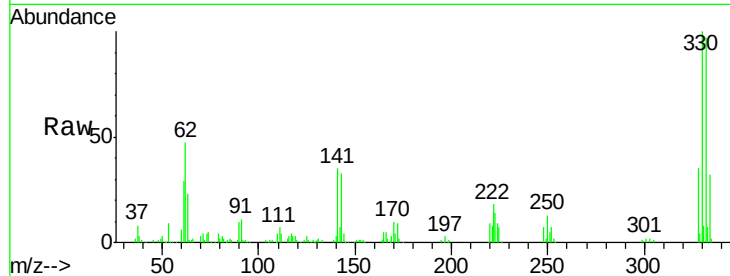




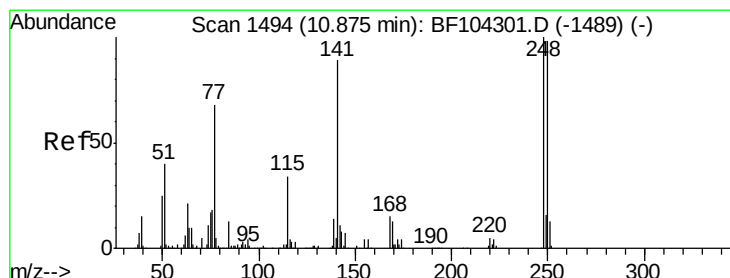
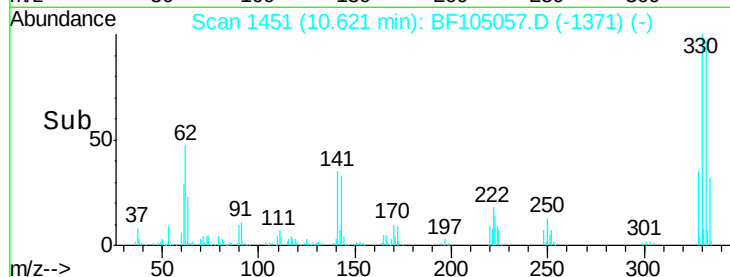
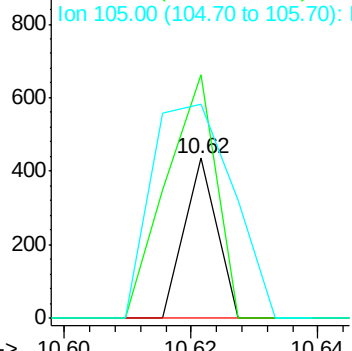
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.449 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.17 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:198 Resp: 154
 Ion Ratio Lower Upper
 198 100
 51 151.8 37.7 77.7#
 105 133.7 36.3 76.3#

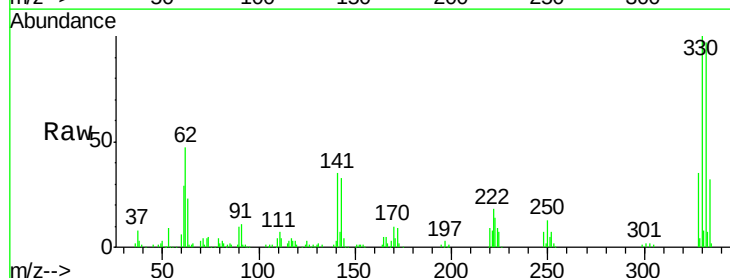


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

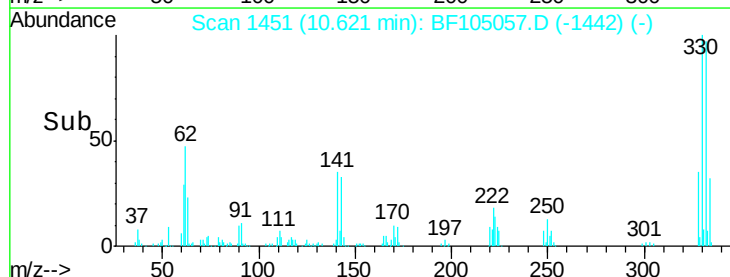
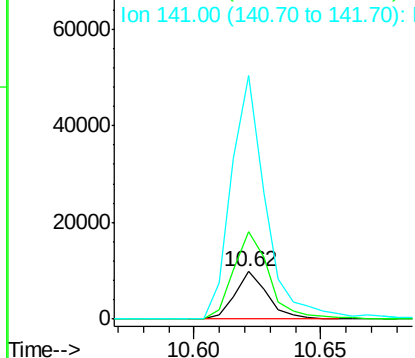


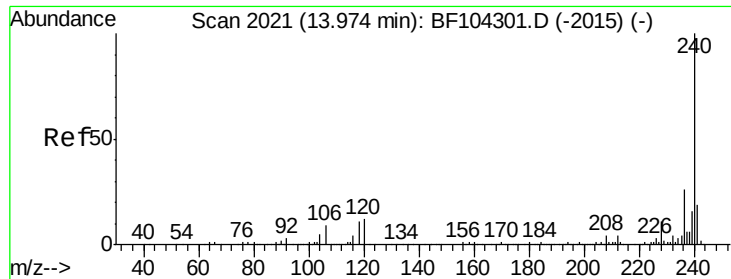
#66
 4-Bromophenyl-phenylether
 Concen: 3.122 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

Tgt Ion:248 Resp: 8712
 Ion Ratio Lower Upper
 248 100
 250 183.0 76.9 115.3#
 141 512.6 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

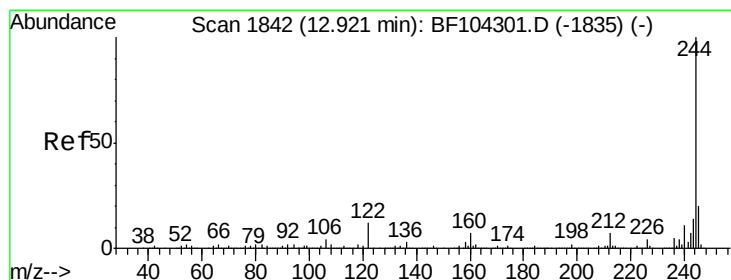
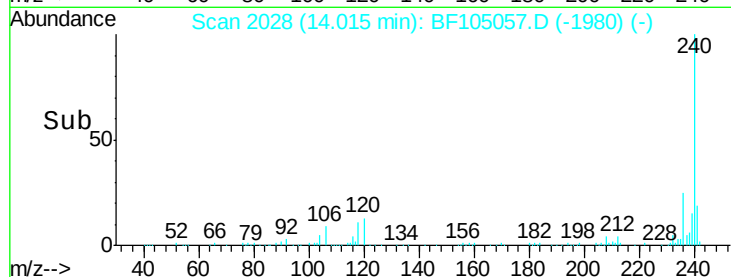
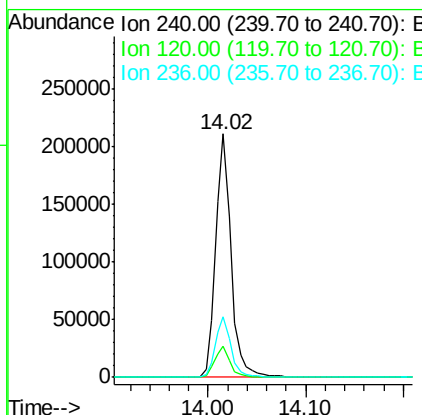
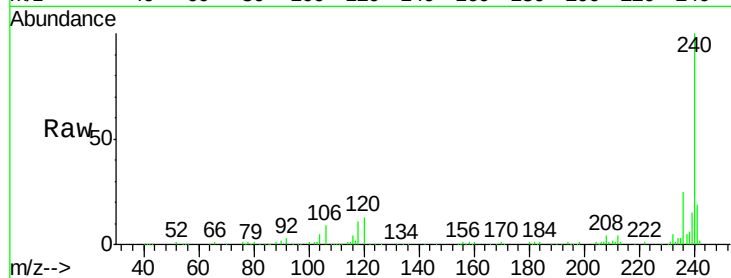




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

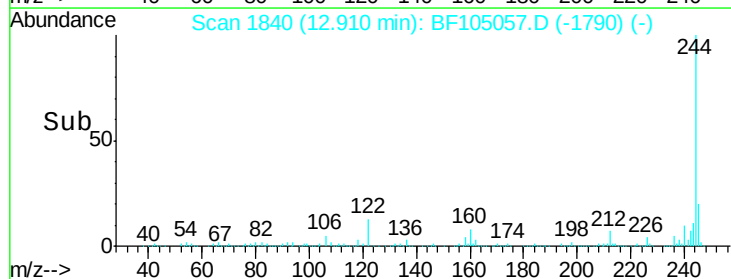
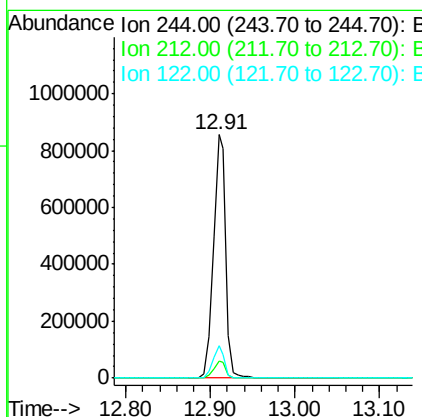
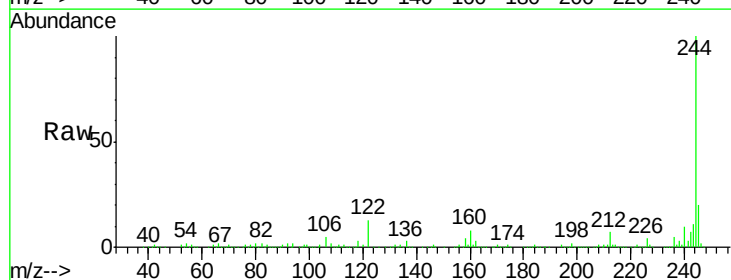
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

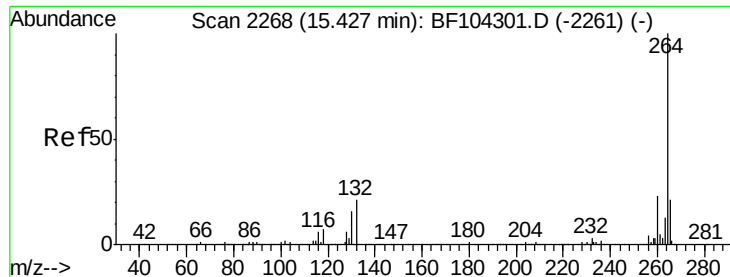
Tgt Ion:240 Resp: 231992
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 87.633 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105057.D
 Acq: 3 May 2018 3:49

Tgt Ion:244 Resp: 891745
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.1 11.0 16.4

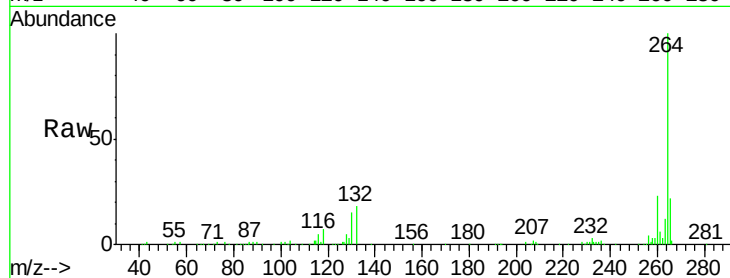




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105057.D
Acq: 3 May 2018 3:49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 181742
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 22.0 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

