

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105094.D
 Acq On : 4 May 2018 1:00
 Operator : JU/SJ
 Sample : J2665-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 03:55:44 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

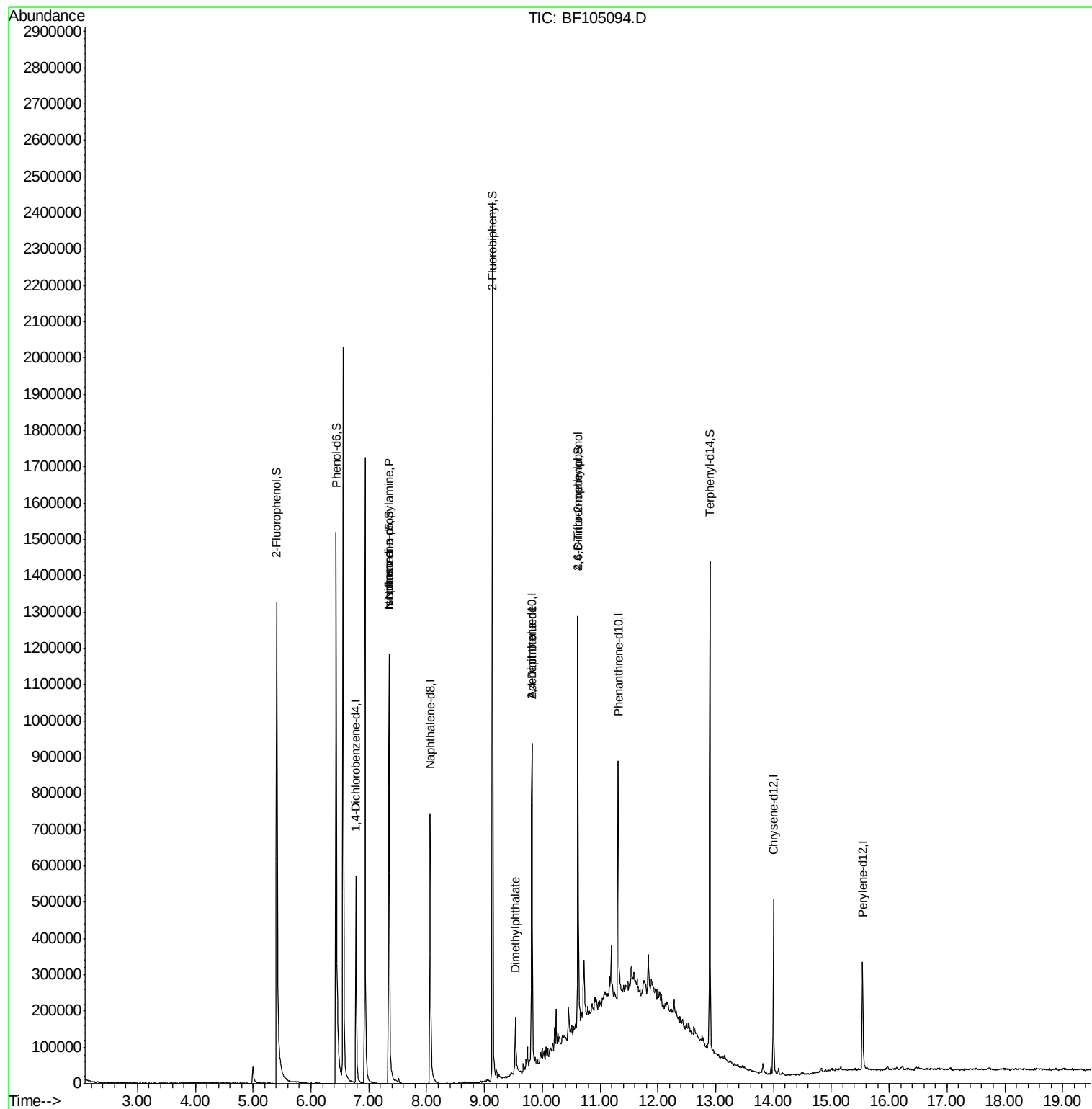
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107782	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	432530	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	183725	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	268087	20.00	ng	0.00
75) Chrysene-d12	14.00	240	178978	20.00	ng	-0.04
86) Perylene-d12	15.54	264	143613	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	644903	91.49	ng	0.00
7) Phenol-d6	6.43	99	785389	90.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	464316	70.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	161809	84.90	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	783434	67.36	ng	-0.02
78) Terphenyl-d14	12.90	244	459010	58.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	58949	10.42	ng	# 73
25) Isophorone	7.35	82	464314	33.15	ng	# 64
49) Dimethylphthalate	9.54	163	84482	5.83	ng	100
56) 2,4-Dinitrotoluene	9.82	165	24342	6.92	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	247	7.51	ng	# 1
76) Benzidine	12.90	184	5762	Below Cal		93

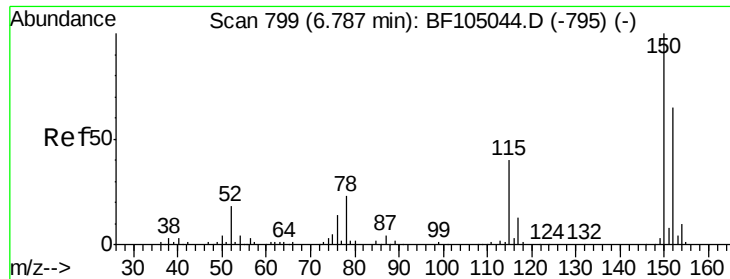
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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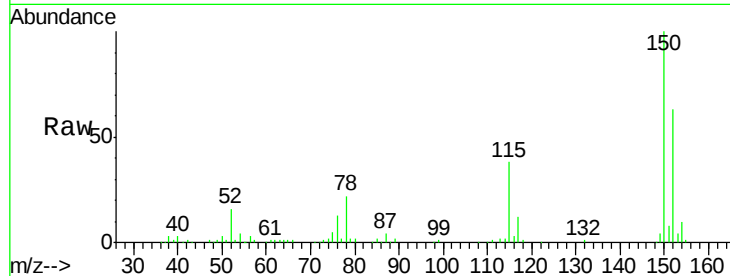


#1

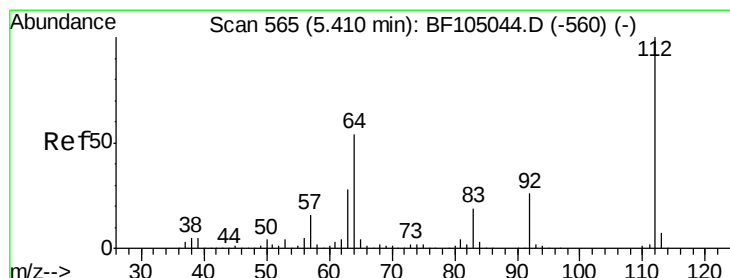
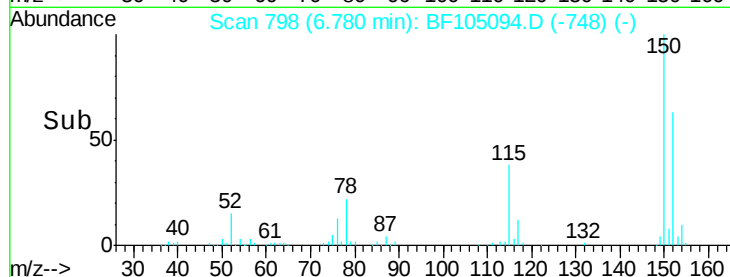
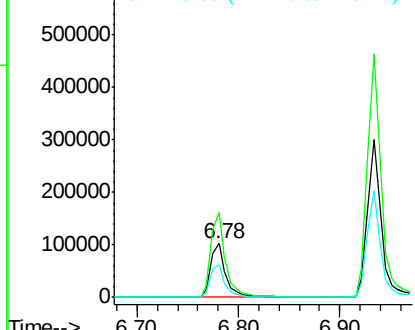
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105094.D
 Acq: 4 May 2018 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 107782
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 60.0 50.1 75.1



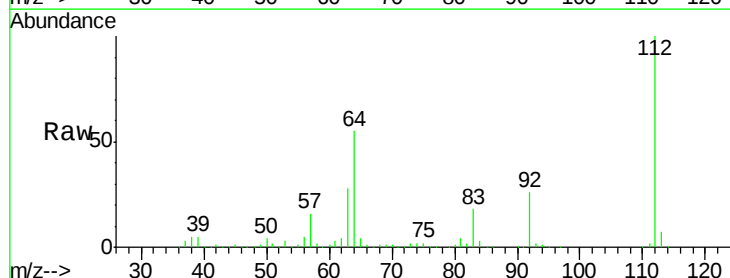
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



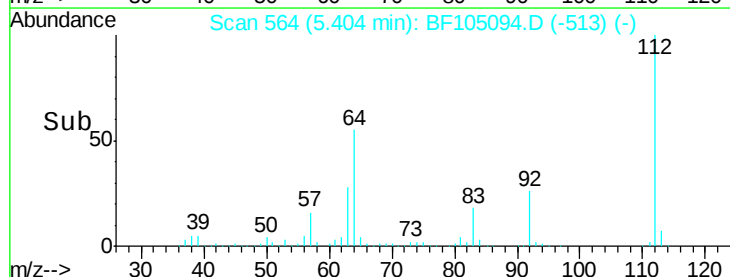
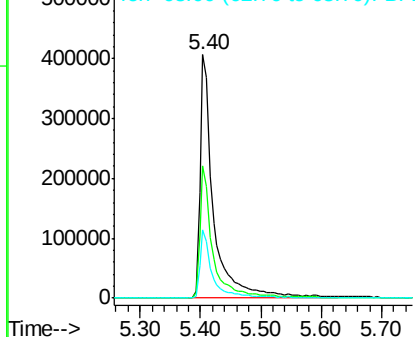
#5

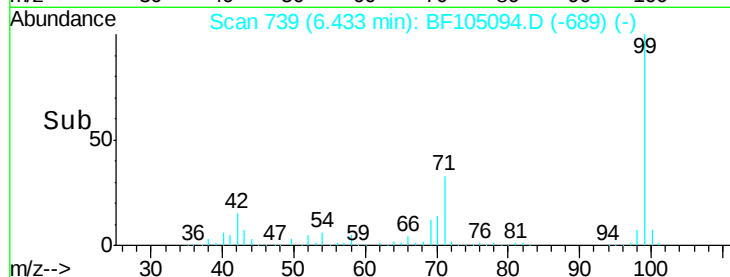
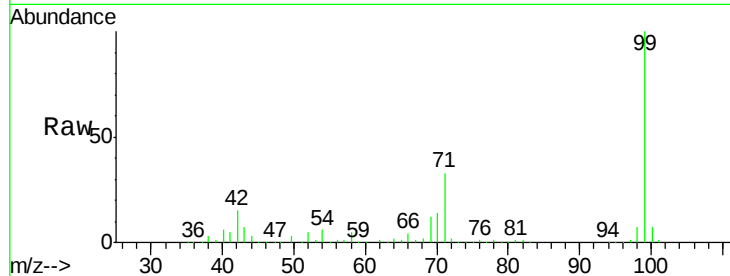
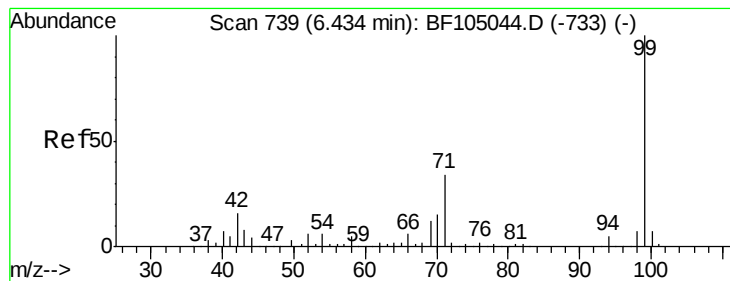
2-Fluorophenol
 Concen: 91.49 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF105094.D
 Acq: 4 May 2018 1:00

Tgt Ion:112 Resp: 644903
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.9 71.9
 63 27.9 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: 90.68 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Instrument :

BNA_F

ClientSampleId :

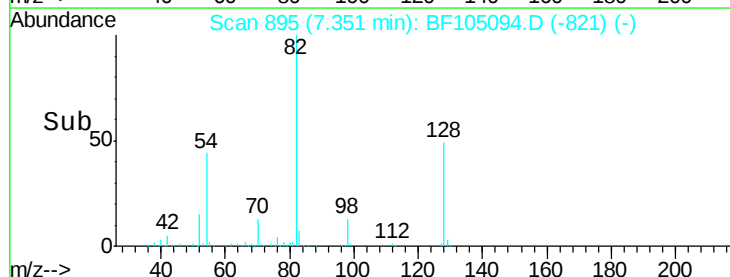
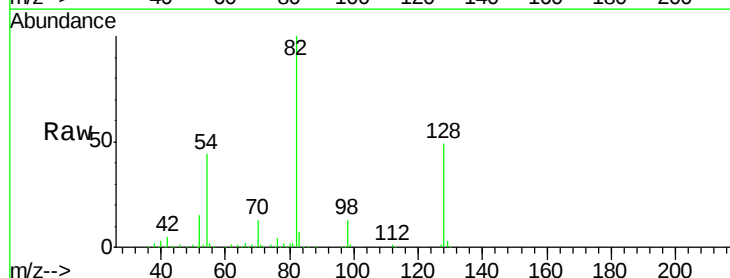
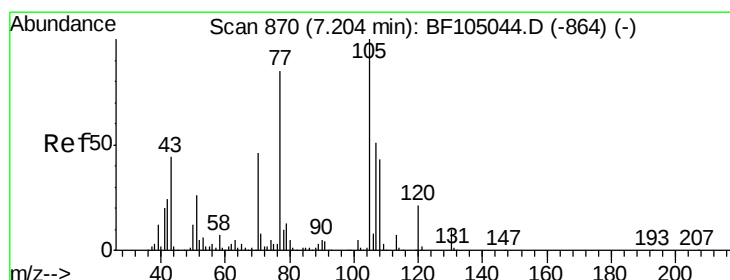
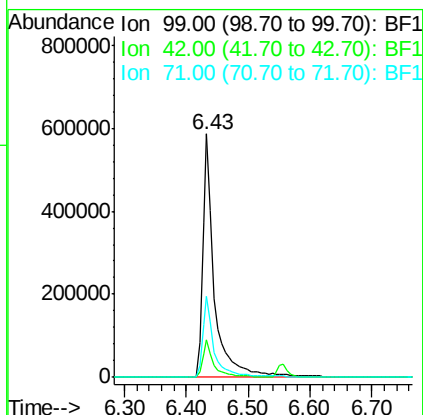
Tot Ion: 99 Resp: 785389

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.42 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Tgt Ion: 70 Resp: 58949

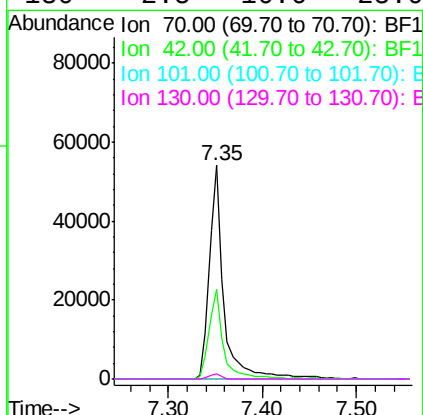
Ion Ratio Lower Upper

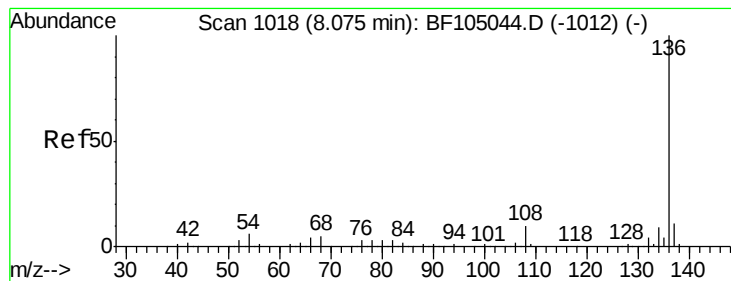
70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 432530

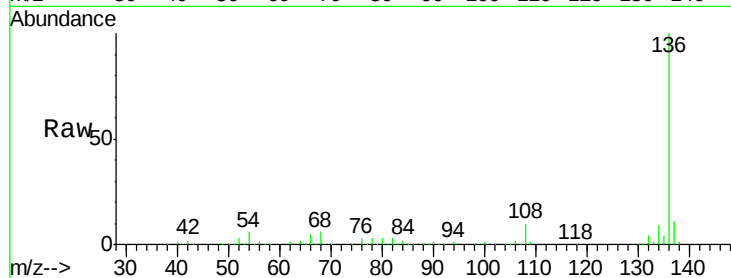
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

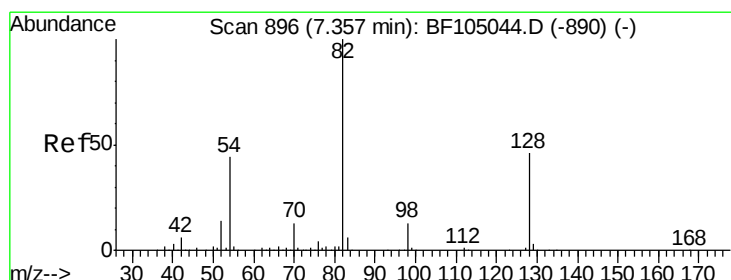
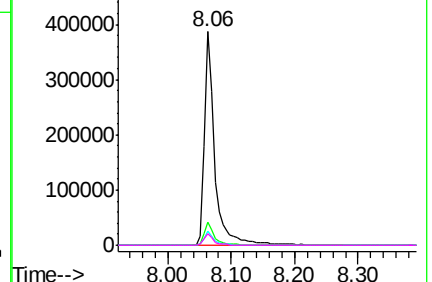
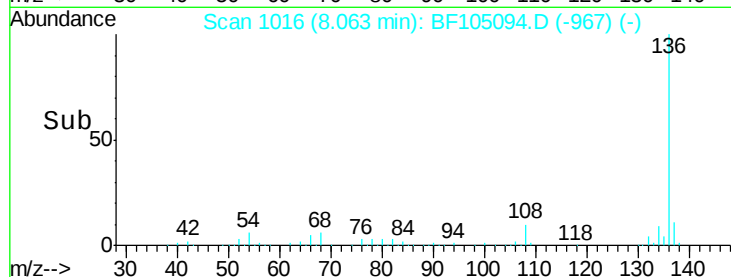


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.10 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

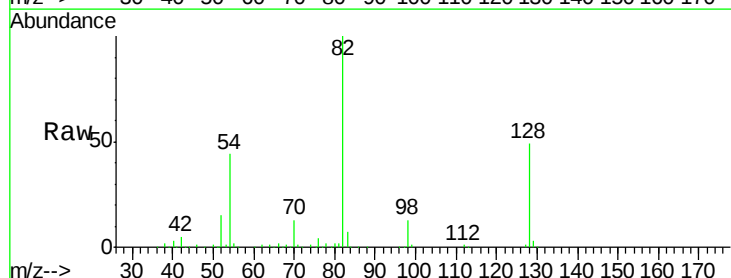
Tgt Ion: 82 Resp: 464316

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

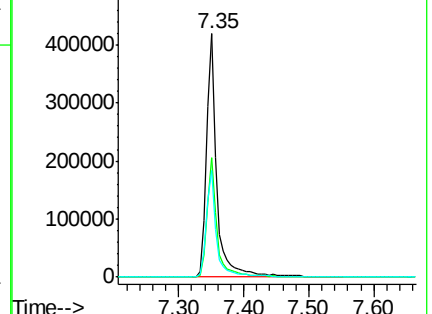
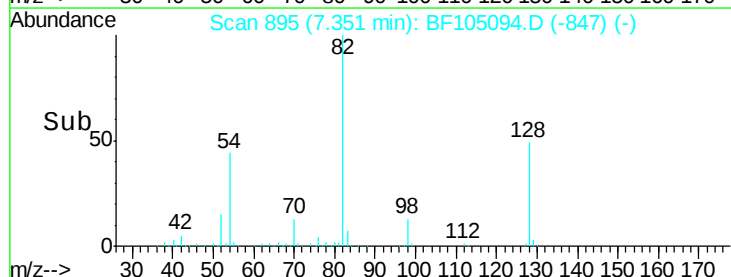
54 43.6 41.4 62.2

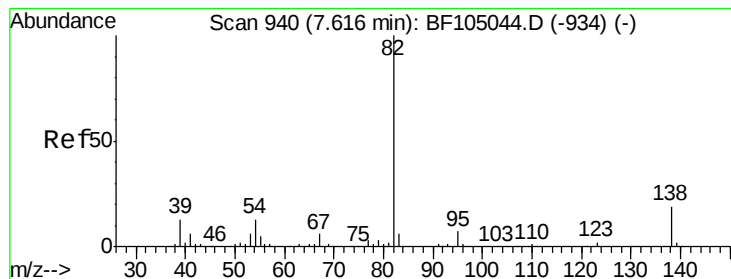


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.15 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Instrument :

BNA_F

ClientSampled :

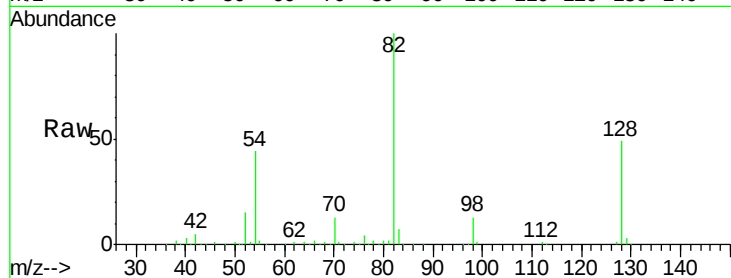
Tot Ion: 82 Resp: 464314

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

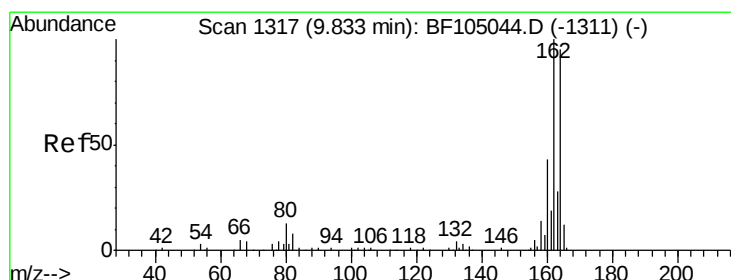
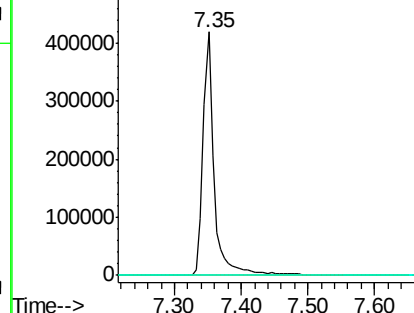
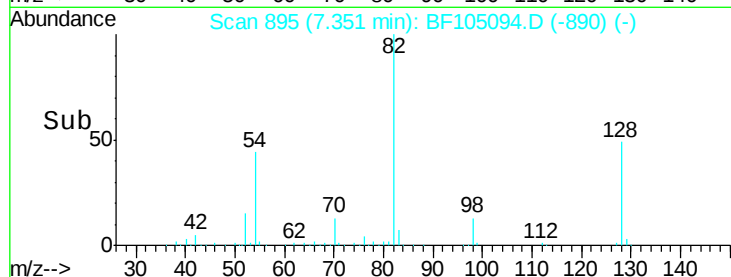
138 0.0 14.9 22.3#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

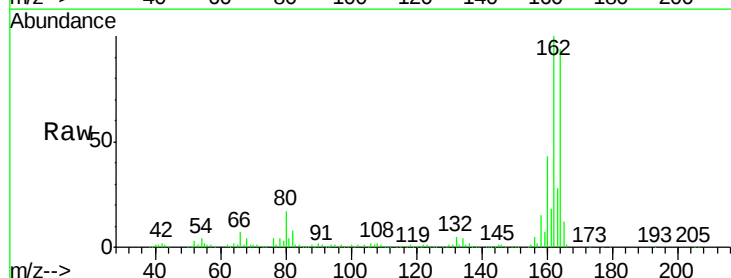
Tgt Ion: 164 Resp: 183725

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

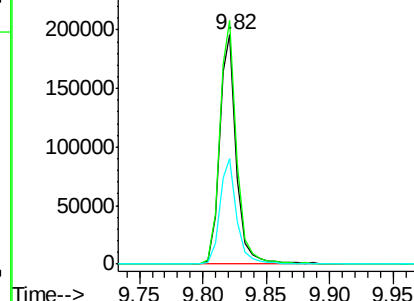
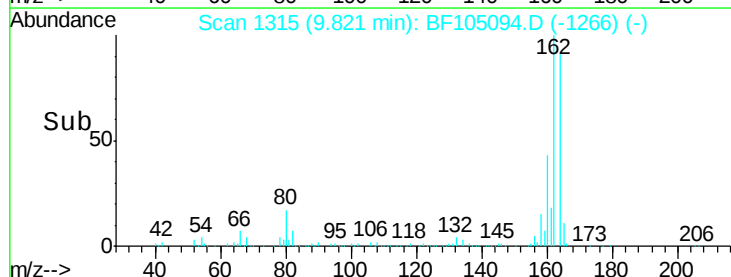
160 45.9 38.3 57.5

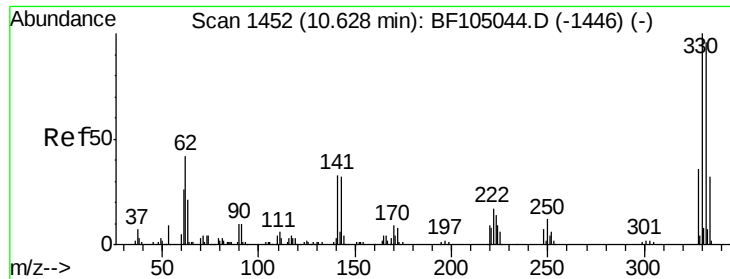


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

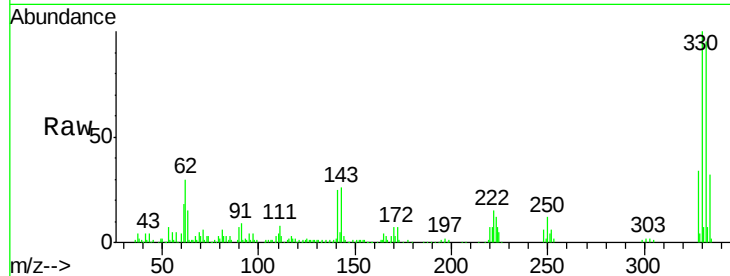




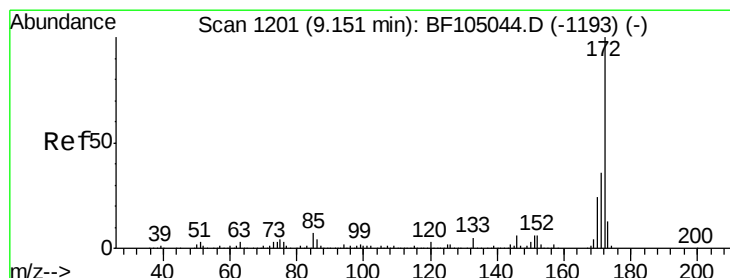
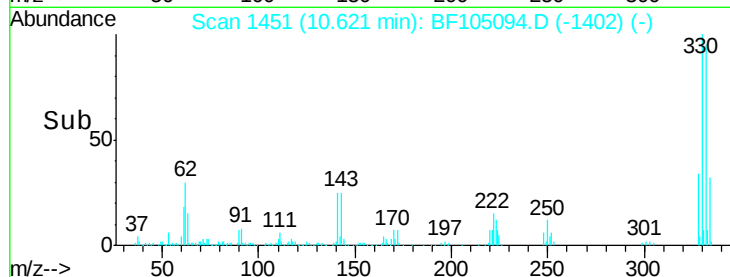
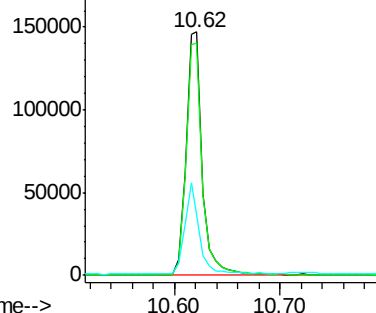
#41
 2,4,6-Tribromophenol
 Concen: 84.90 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105094.D
 Acq: 4 May 2018 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.0	29.9	44.9

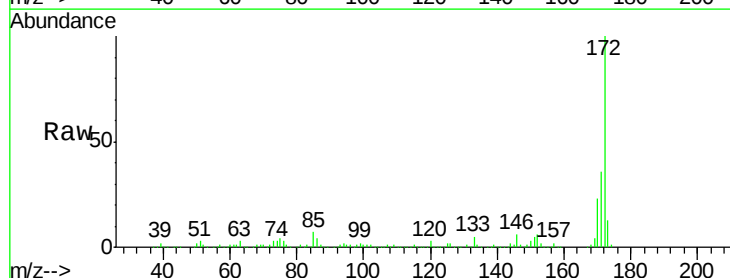


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

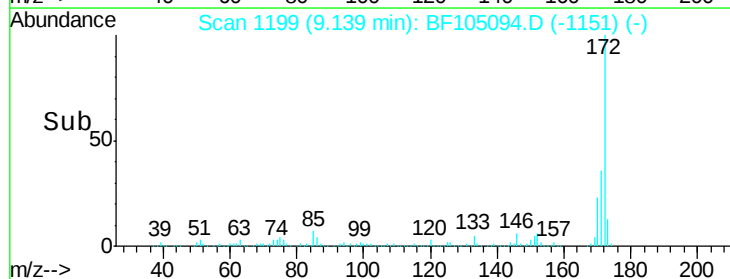
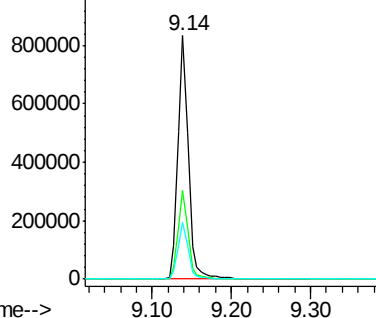


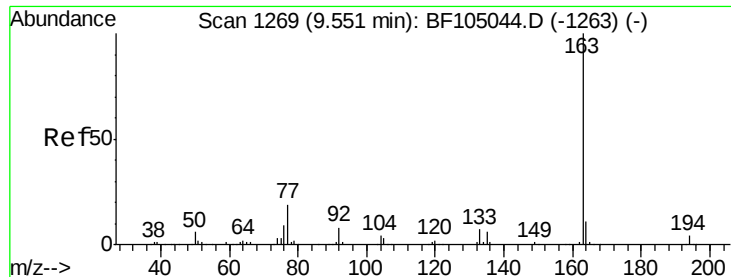
#44
 2-Fluorobiphenyl
 Concen: 67.36 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105094.D
 Acq: 4 May 2018 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.5	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

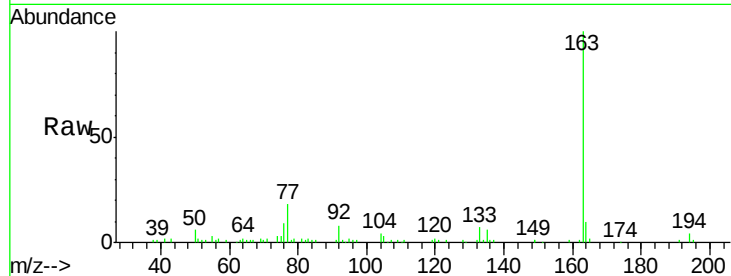




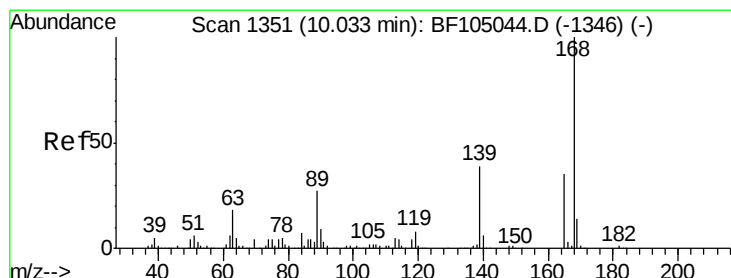
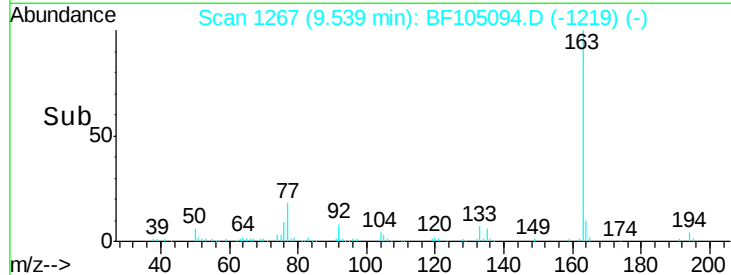
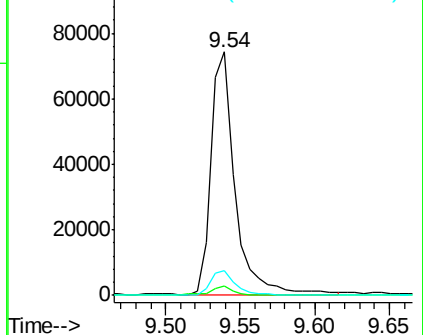
#49
Dimethylphthalate
Concen: 5.83 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105094.D
Acq: 4 May 2018 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 84482
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

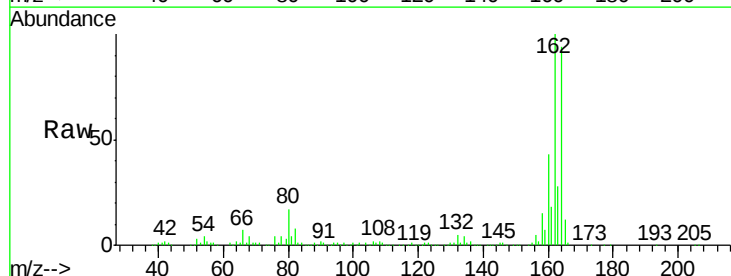


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

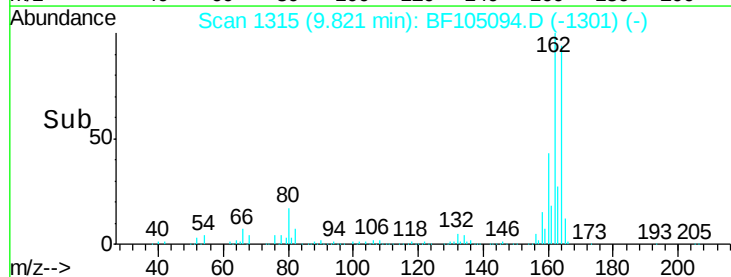
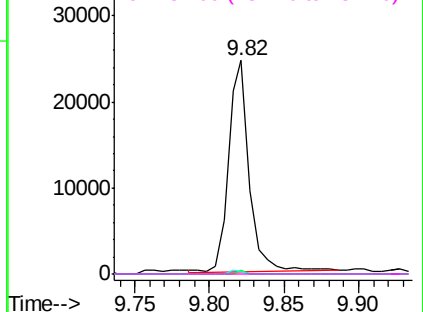


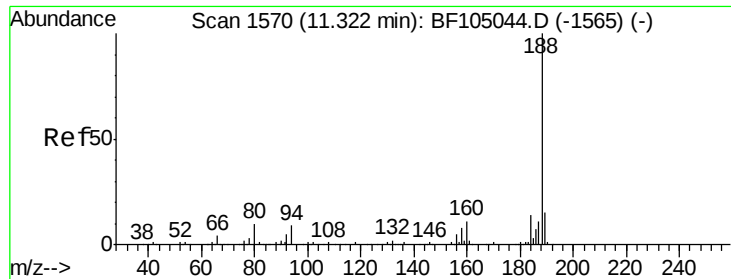
#56
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105094.D
Acq: 4 May 2018 1:00

Tgt Ion:165 Resp: 24342
Ion Ratio Lower Upper
165 100
63 1.8 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: 20.00 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Instrument :

BNA_F

ClientSampleId :

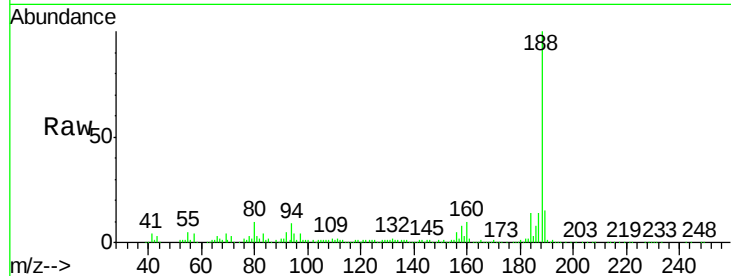
Tot Ion:188 Resp: 268087

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

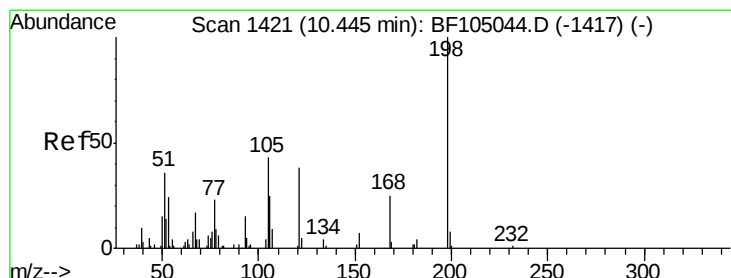
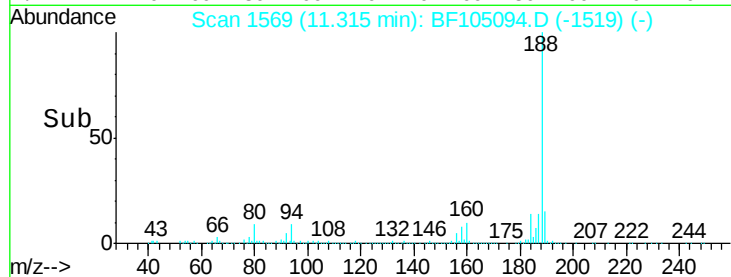
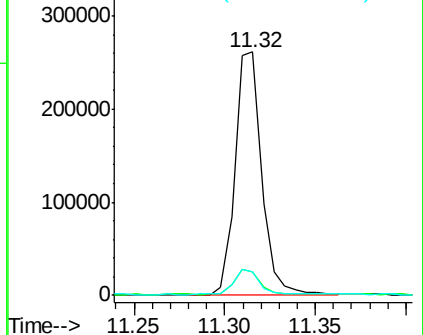
80 9.6 9.2 13.8



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: 7.51 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.16 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

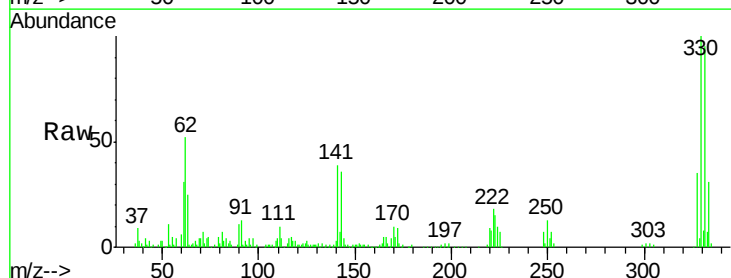
Tgt Ion:198 Resp: 247

Ion Ratio Lower Upper

198 100

51 162.3 37.7 77.7#

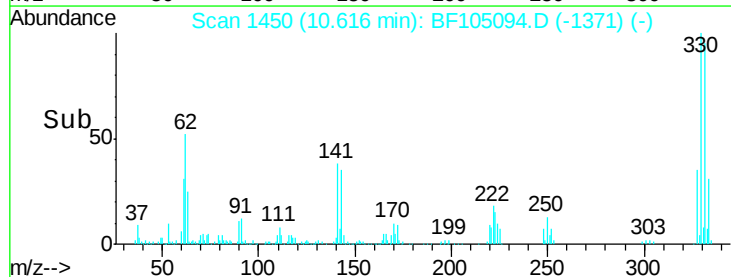
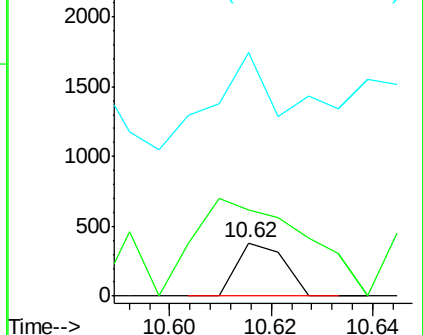
105 456.5 36.3 76.3#

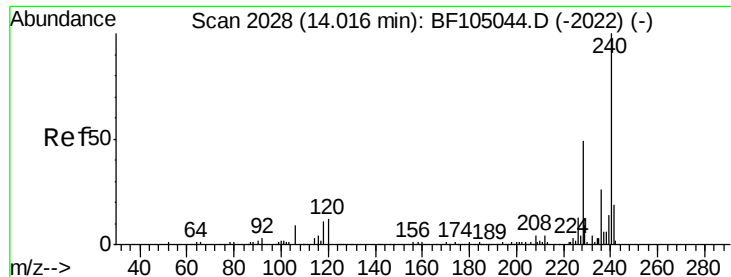


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

Instrument :

BNA_F

ClientSampleId :

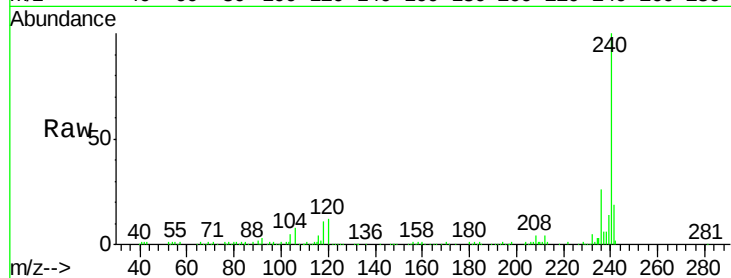
Tot Ion:240 Resp: 178978

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

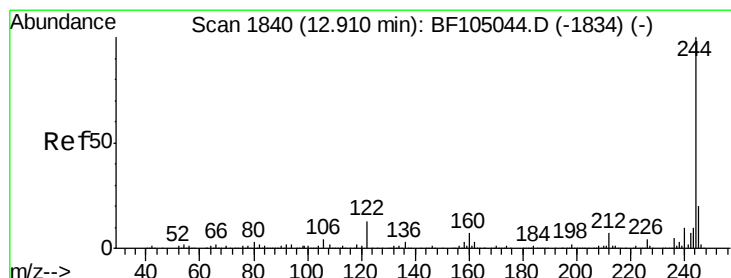
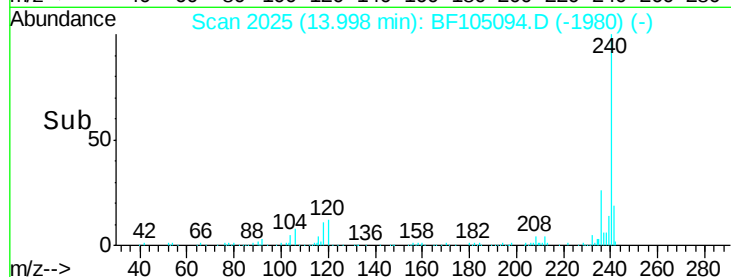
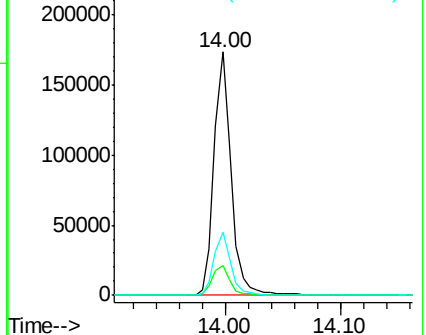
236 25.9 20.7 31.1



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: 58.47 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF105094.D

Acq: 4 May 2018 1:00

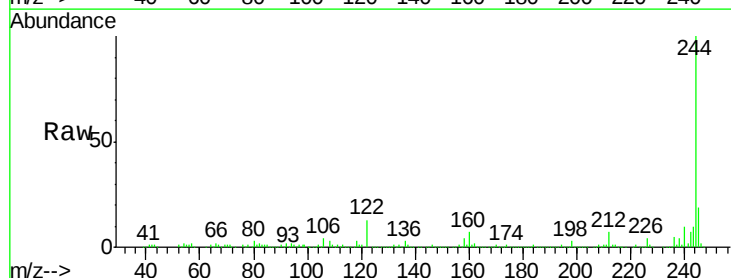
Tgt Ion:244 Resp: 459010

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

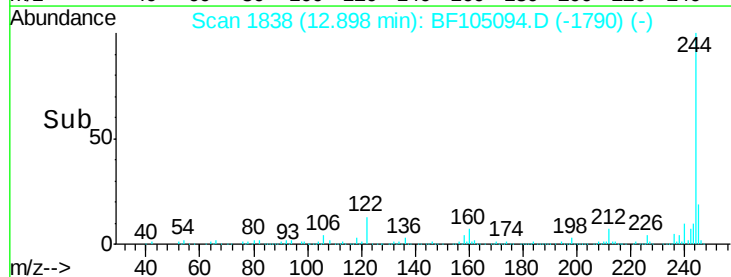
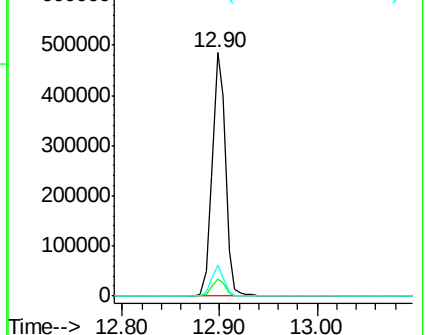
122 12.8 11.0 16.4

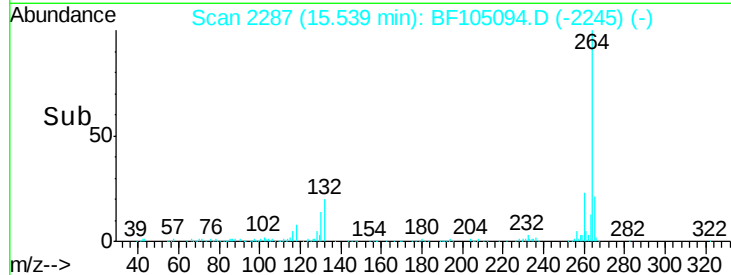
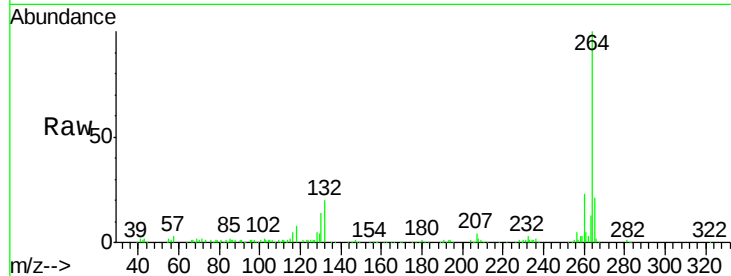
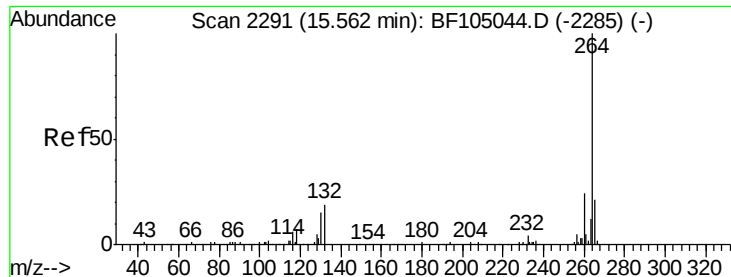


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.05 min
Lab File: BF105094.D
Acq: 4 May 2018 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	143613
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3

