

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104245.D
 Acq On : 5 Apr 2018 00:05
 Operator : JU/SJ
 Sample : J2203-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:03:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

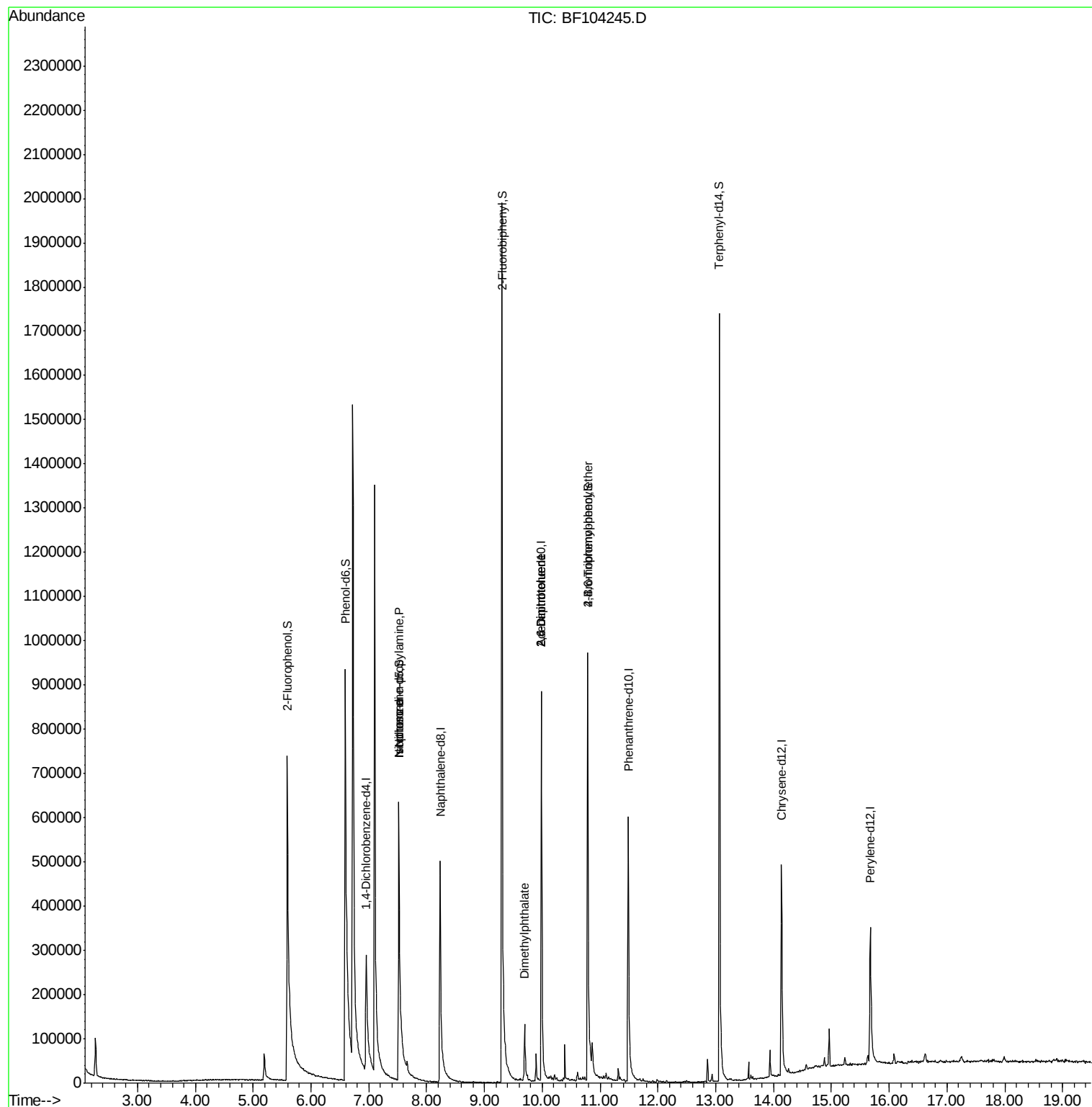
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	114795	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	504878	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	227561	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	372117	20.00	ng	0.00
75) Chrysene-d12	14.14	240	247036	20.00	ng	0.00
86) Perylene-d12	15.67	264	214503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	649261	90.20	ng	0.00
7) Phenol-d6	6.59	99	847590	95.71	ng	-0.01
23) Nitrobenzene-d5	7.52	82	539175	65.31	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	210361	83.02	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1017974	70.54	ng	0.00
78) Terphenyl-d14	13.07	244	773598	72.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	59951	11.407	ng	# 76
25) Isophorone	7.52	82	541417	35.586	ng	# 64
49) Dimethylphthalate	9.70	163	94937	5.284	ng	100
50) 2,6-Dinitrotoluene	9.99	165	27934	7.227	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	28093	5.696	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	11872	2.982	ng	# 1

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

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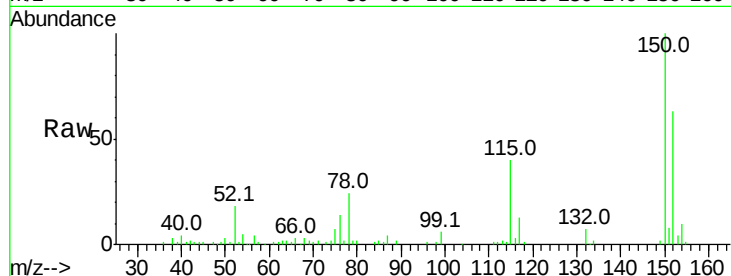


#1

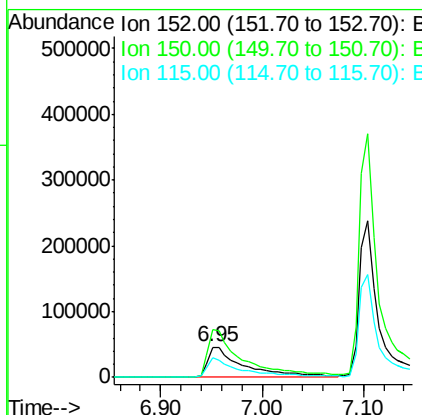
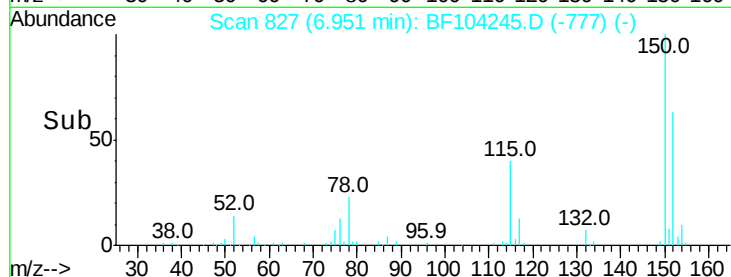
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114795
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 63.5 50.1 75.1



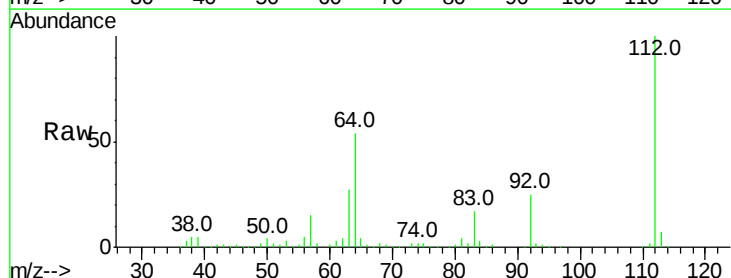
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



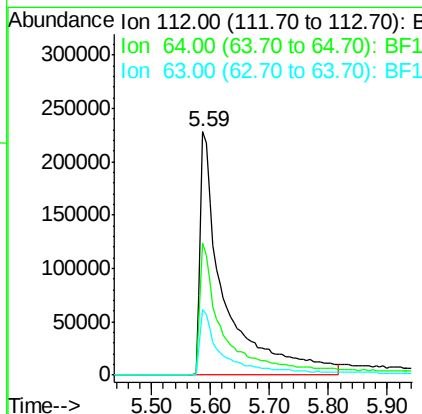
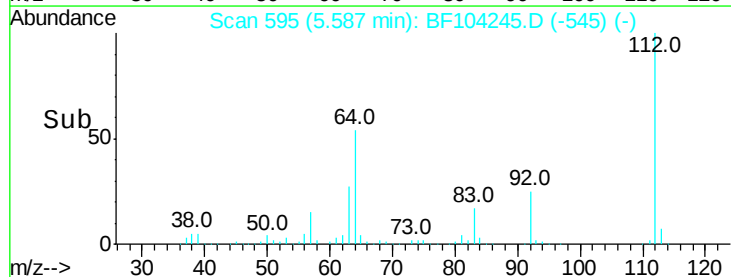
#5

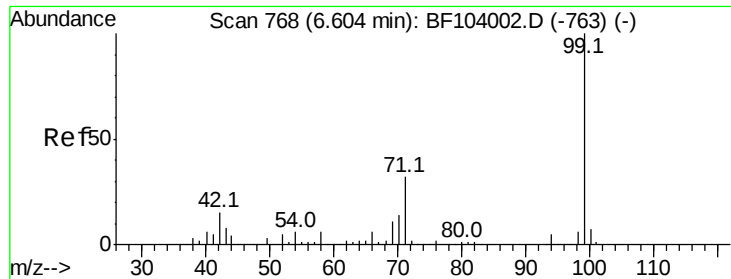
2-Fluorophenol
Concen: 90.196 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Tgt Ion:112 Resp: 649261
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.7 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: 95.707 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

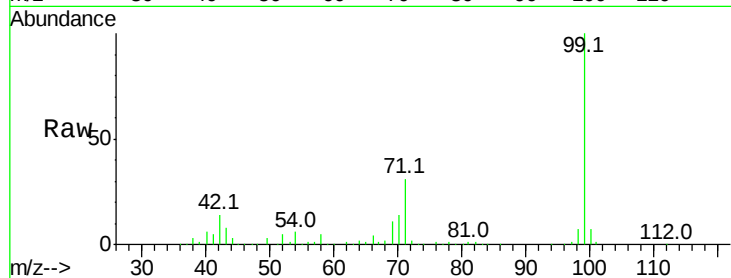
Tot Ion: 99 Resp: 847590

Ion Ratio Lower Upper

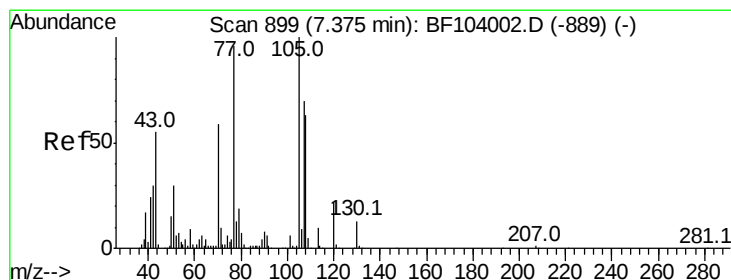
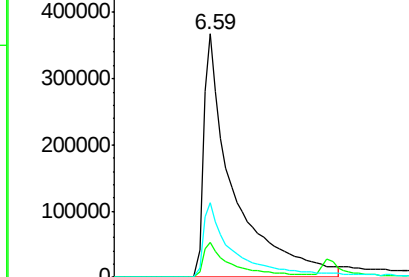
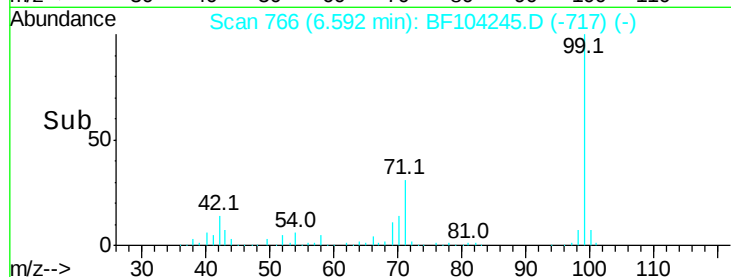
99 100

42 14.2 14.5 21.7#

71 30.7 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: 11.407 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Tgt Ion: 70 Resp: 59951

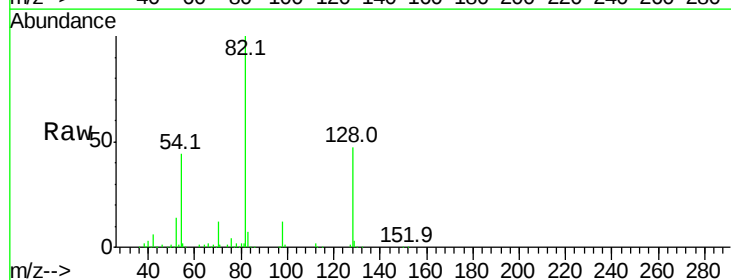
Ion Ratio Lower Upper

70 100

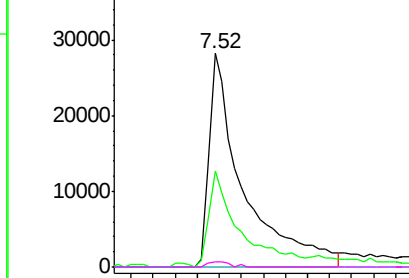
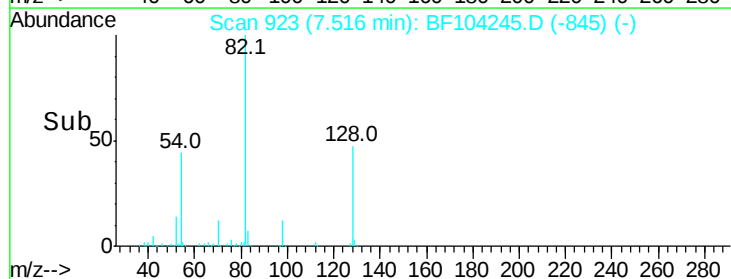
42 44.9 47.5 71.3#

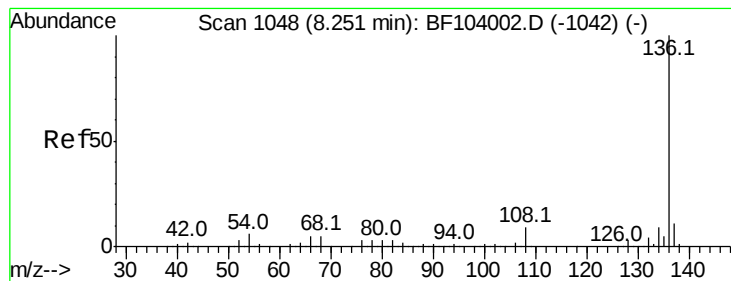
101 0.0 7.4 11.2#

130 2.6 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: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 504878

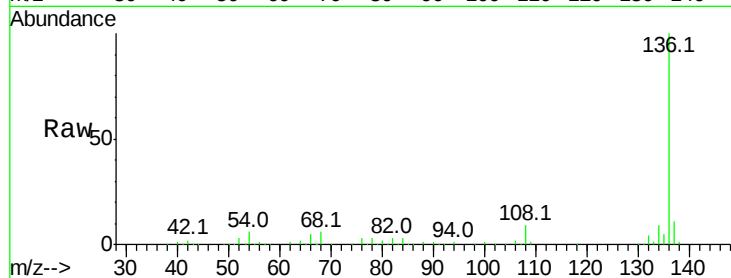
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 6.0 5.0 7.4

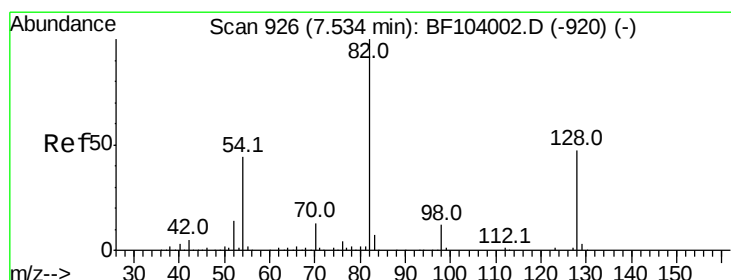
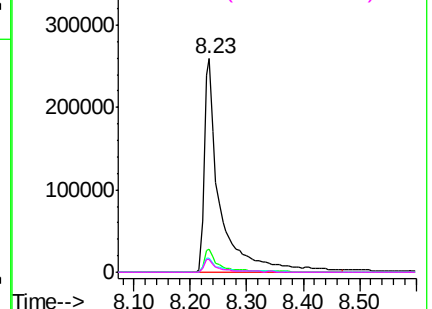
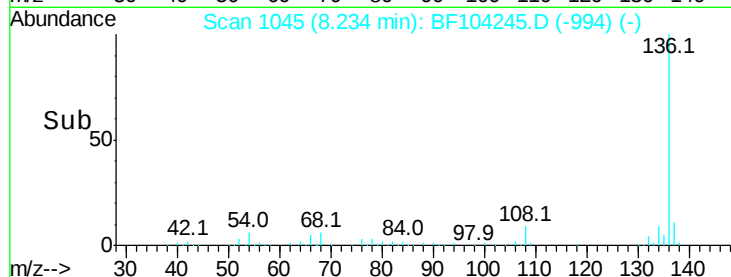


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.310 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

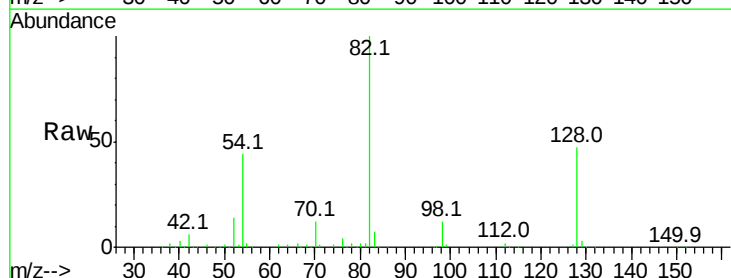
Tgt Ion: 82 Resp: 539175

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

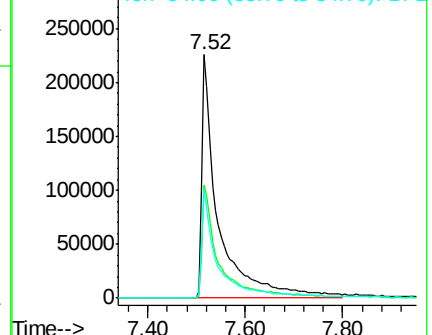
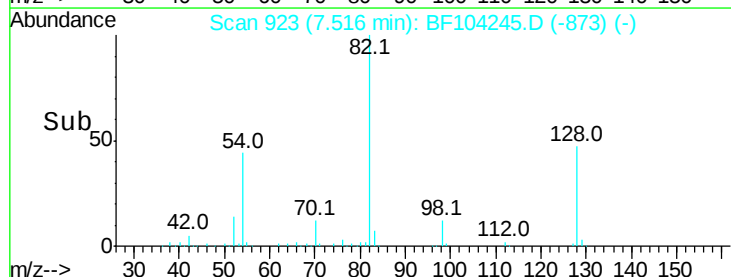
54 44.2 41.4 62.2

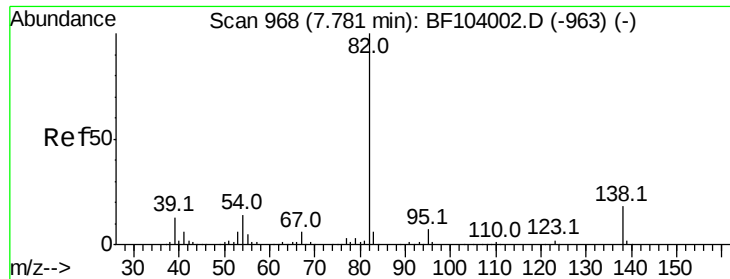


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.586 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.25 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

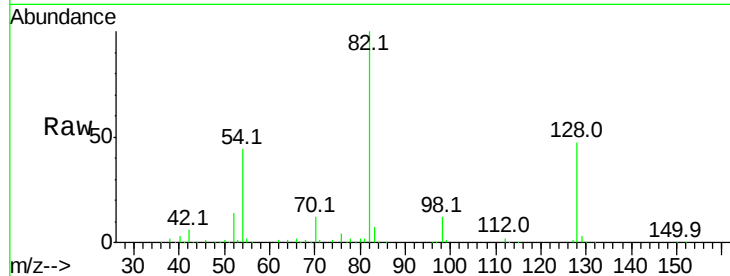
Tot Ion: 82 Resp: 541417

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

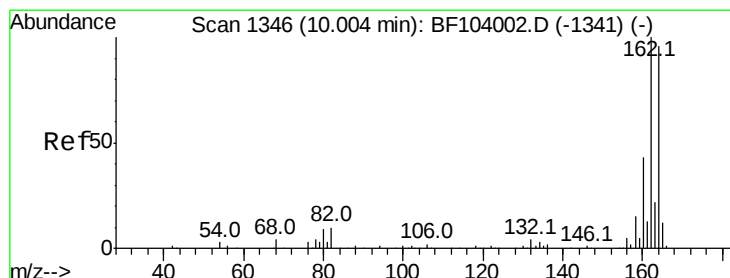
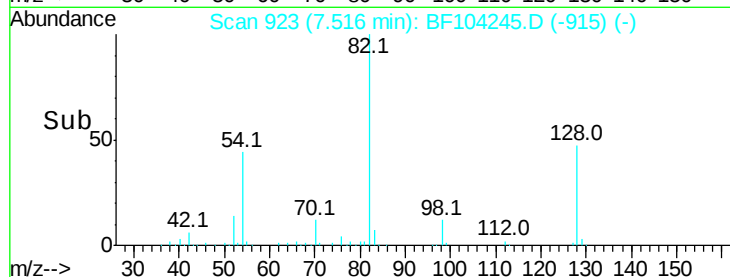
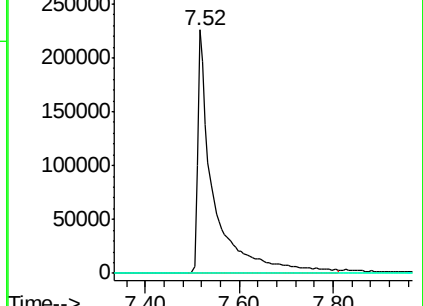
138 0.0 14.9 22.3#



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# 1343

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

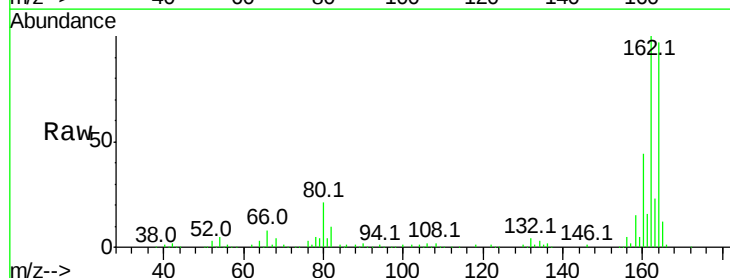
Tgt Ion:164 Resp: 227561

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

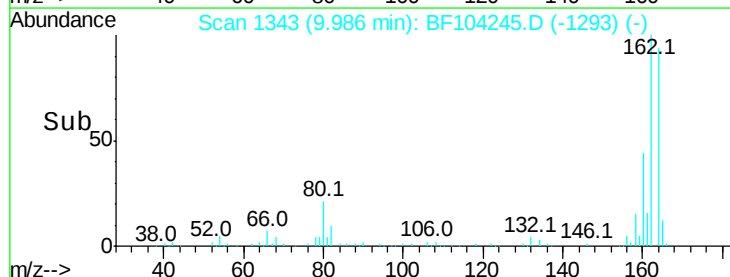
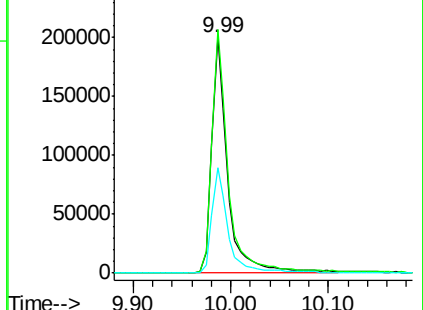
160 45.0 38.3 57.5

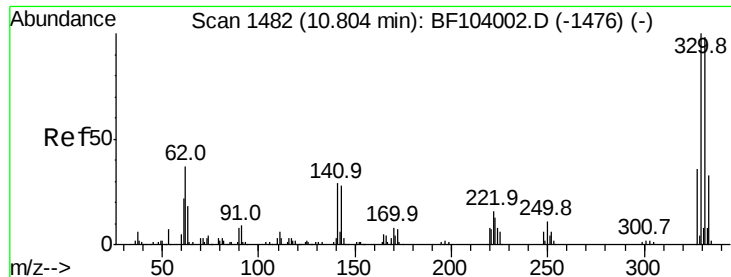


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

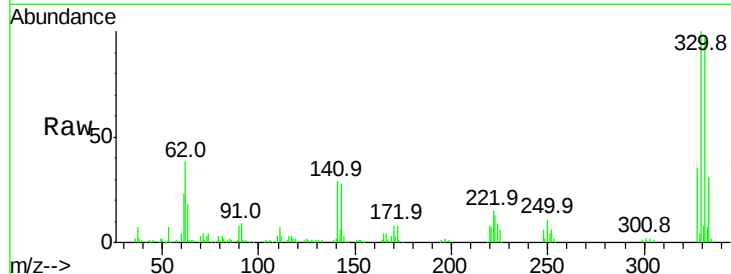




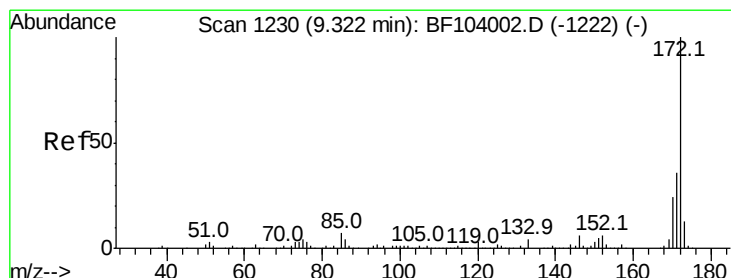
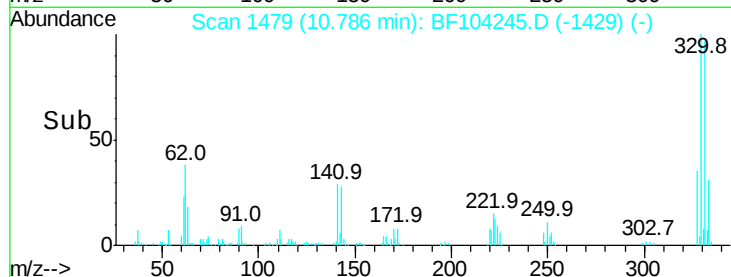
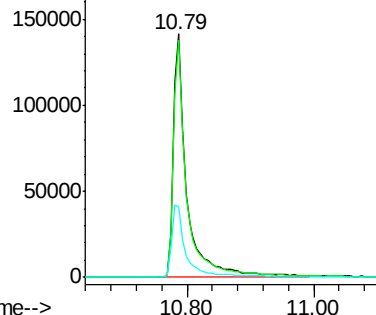
#41
 2,4,6-Tribromophenol
 Concen: 83.019 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.7	29.9	44.9

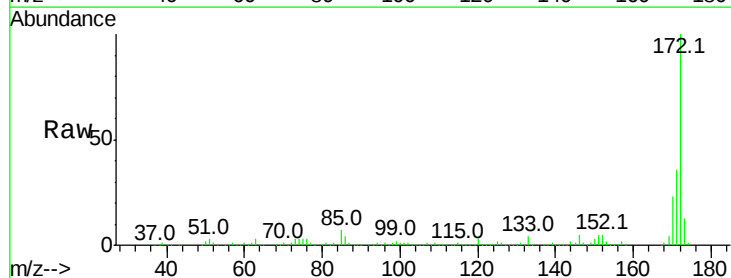


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

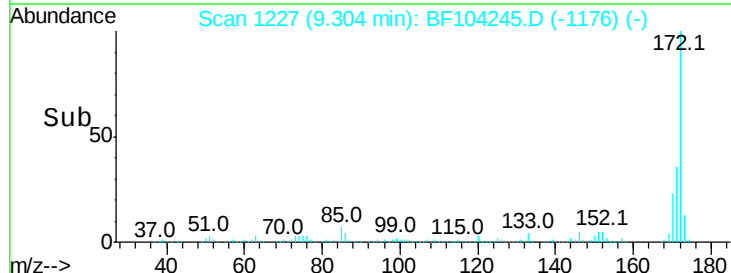
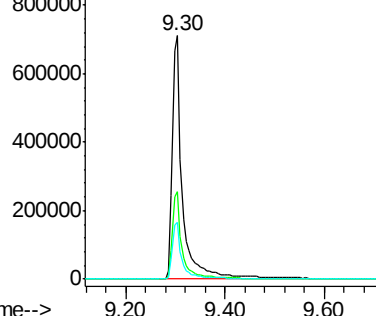


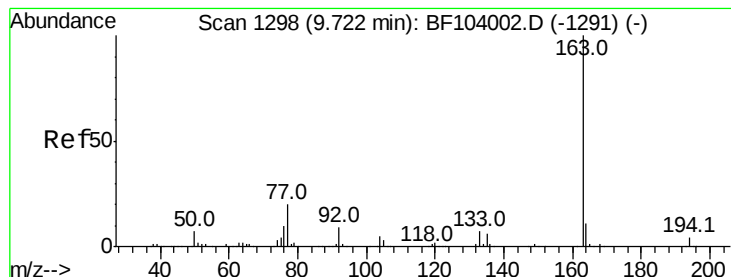
#44
 2-Fluorobiphenyl
 Concen: 70.542 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	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: 5.284 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampled :

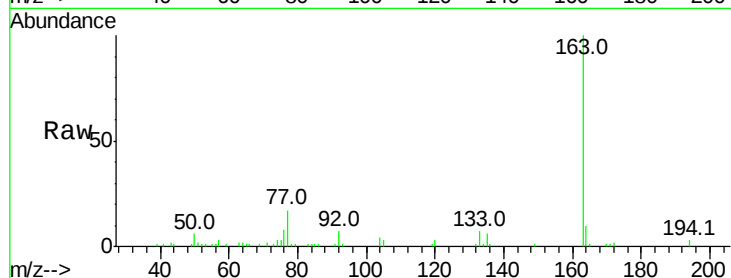
Tot Ion:163 Resp: 94937

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

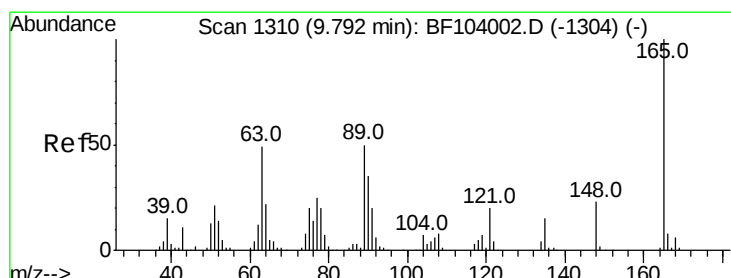
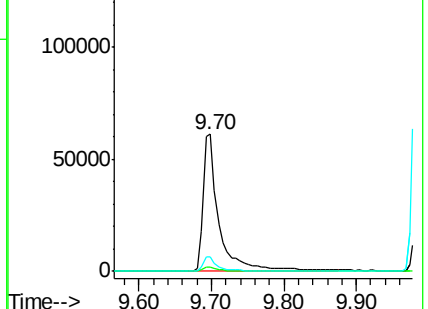
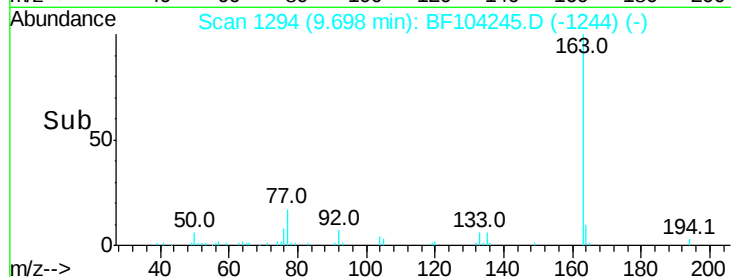
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.227 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

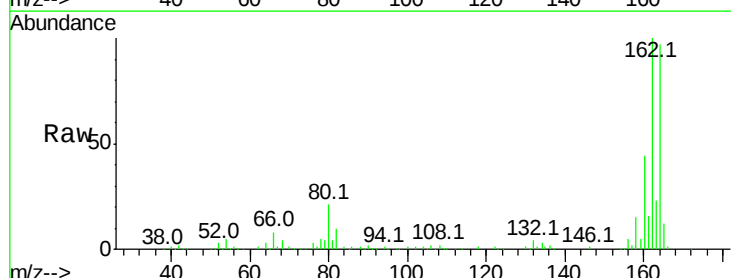
Tgt Ion:165 Resp: 27934

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

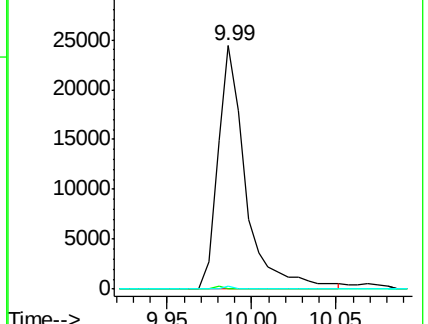
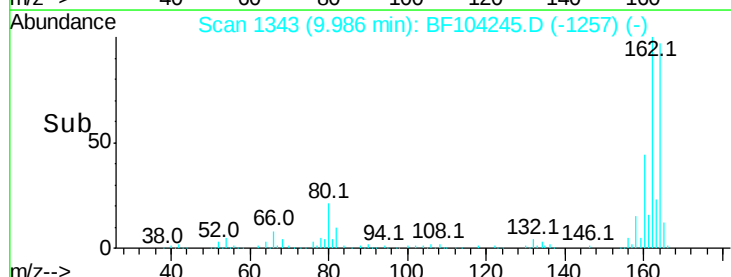
89 1.3 44.0 66.0#

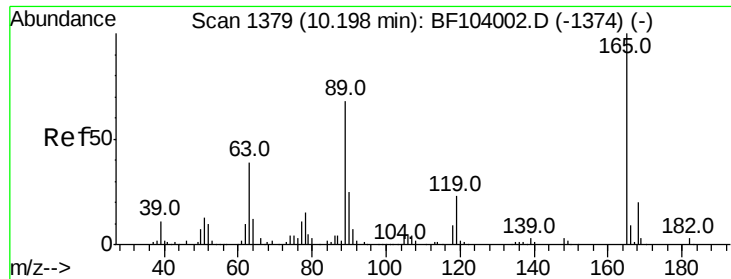


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

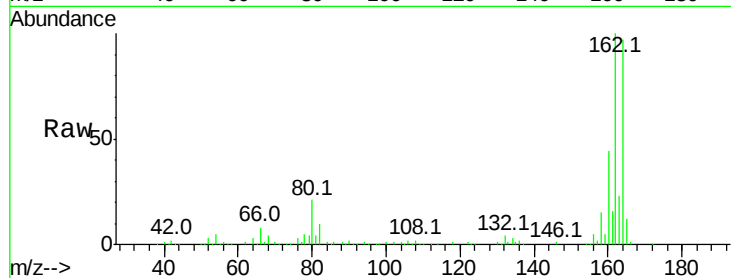




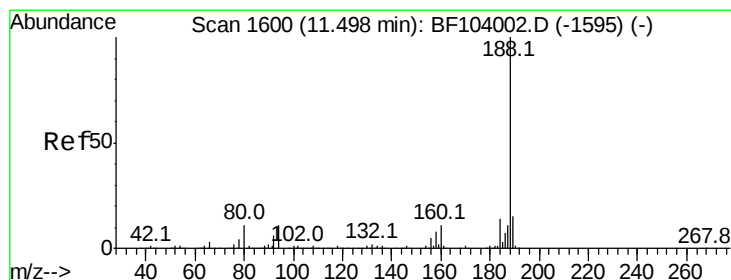
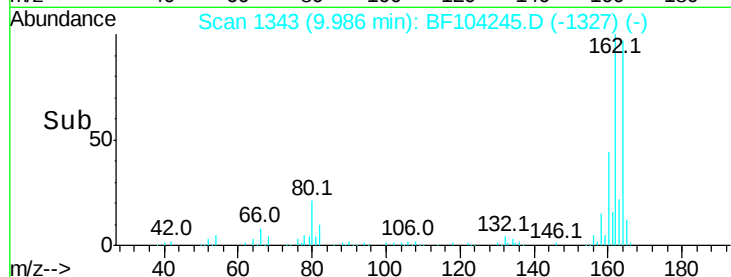
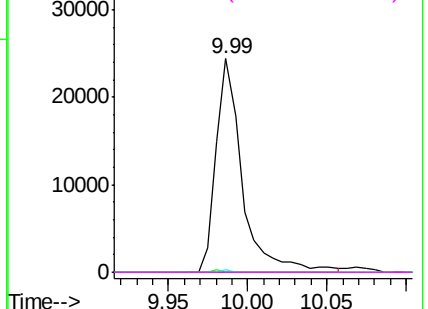
#56
 2,4-Dinitrotoluene
 Concen: 5.696 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28093
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

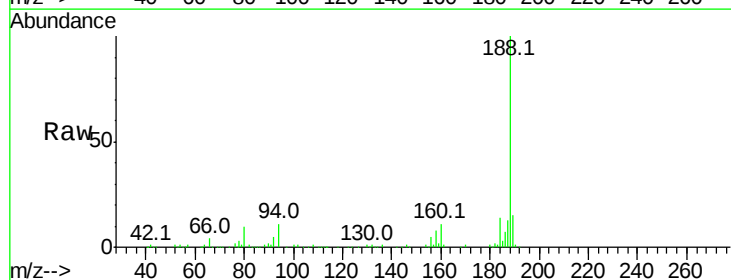


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

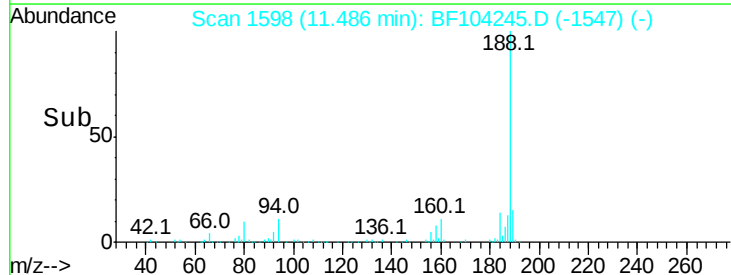
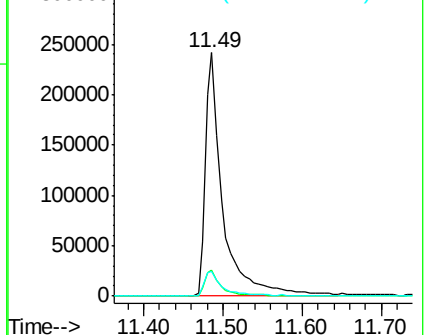


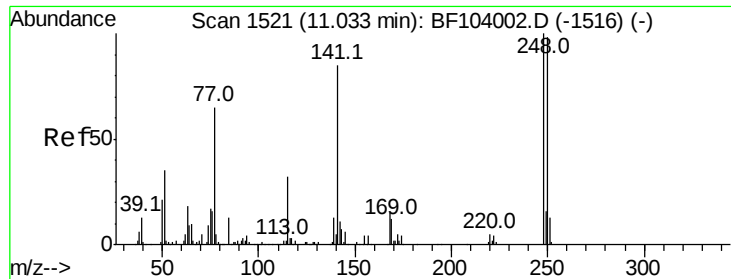
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Tgt Ion:188 Resp: 372117
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 10.2 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

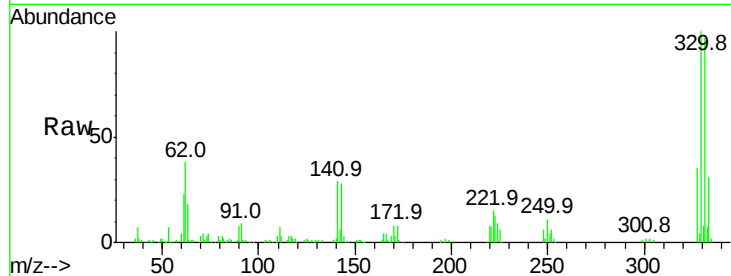




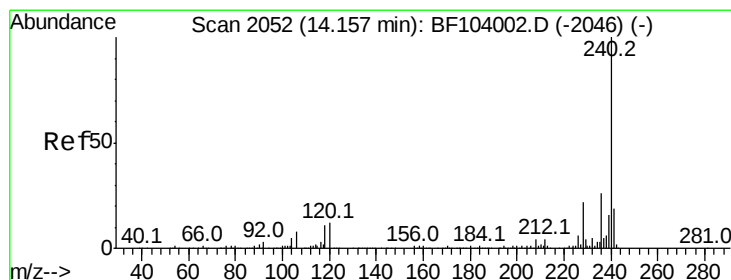
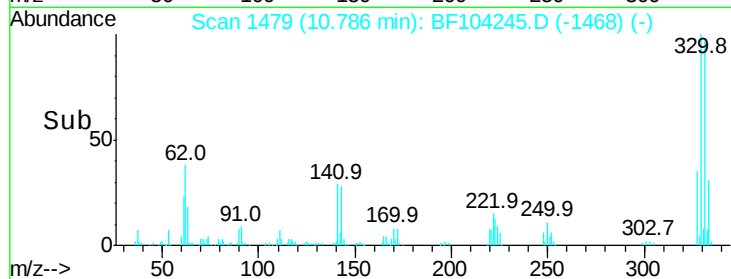
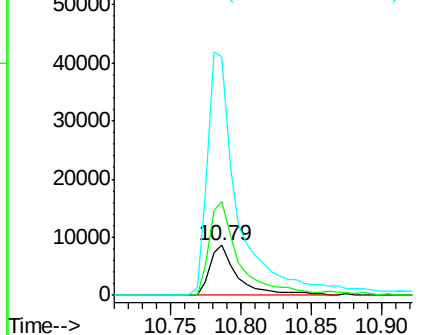
#66
 4-Bromophenyl-phenylether
 Concen: 2.982 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11872
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 475.8 74.4 111.6#

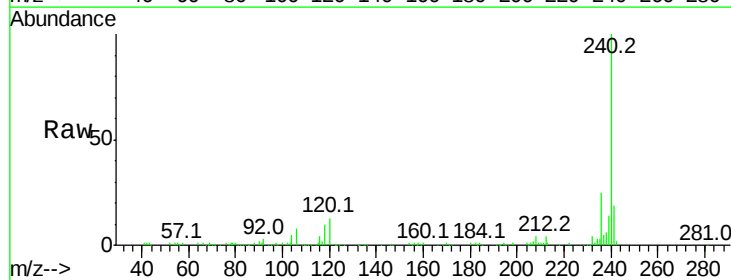


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

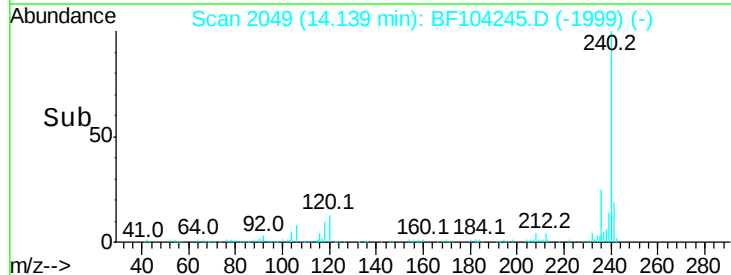
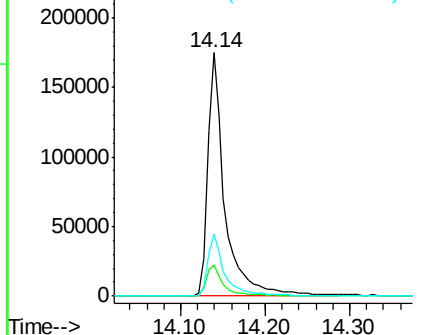


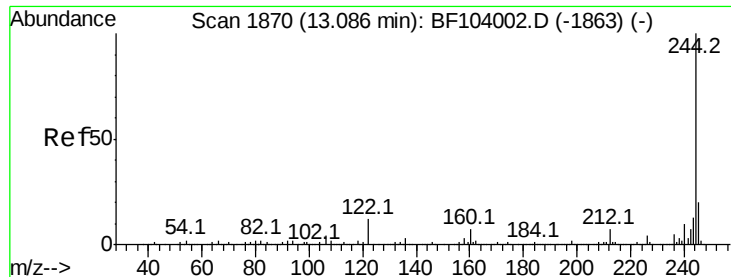
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Tgt Ion:240 Resp: 247036
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.2 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: 72.305 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

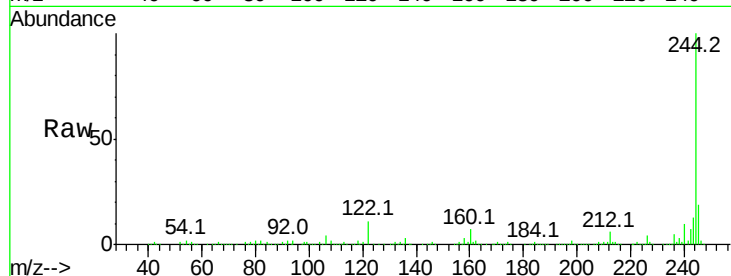
Tot Ion:244 Resp: 773598

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

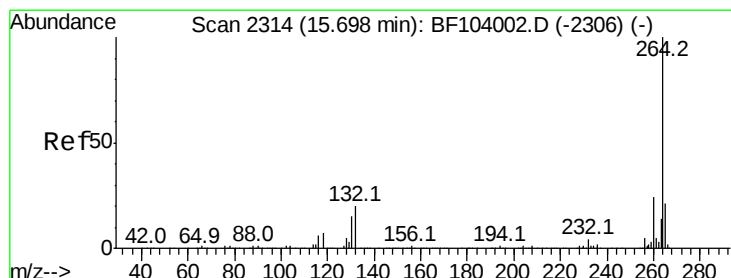
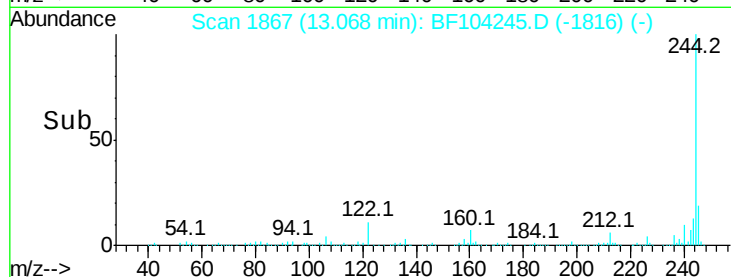
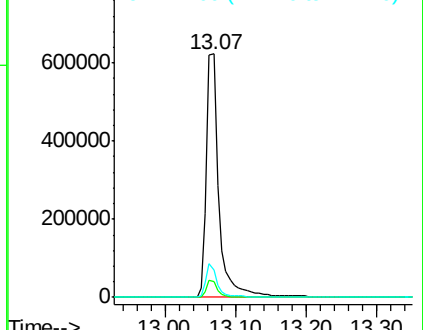
122 11.1 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

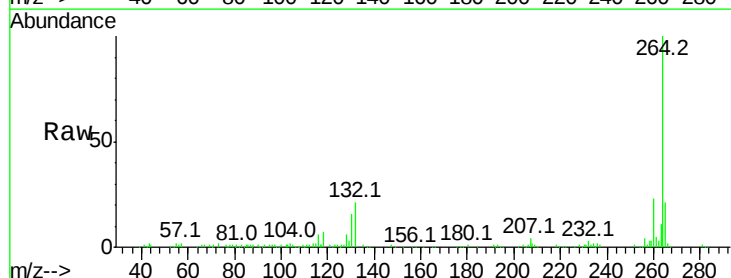
Tgt Ion:264 Resp: 214503

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 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

