

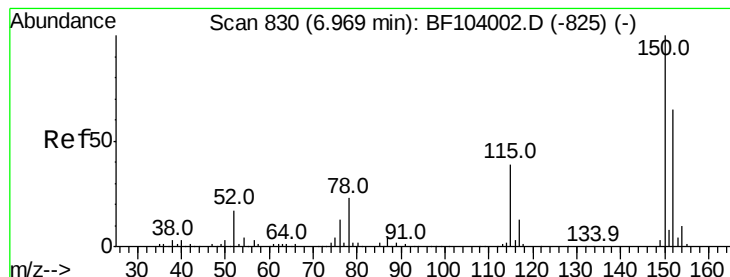
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104199.D
 Acq On : 4 Apr 2018 00:08
 Operator : JU/SJ
 Sample : J2182-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:17:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102761	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	441179	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	206400	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	375533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259058	20.00	ng	0.00
86) Perylene-d12	15.69	264	217351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	780518	121.13	ng	0.00
7) Phenol-d6	6.60	99	1001358	126.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	627560	86.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	264097	114.91	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1159336	88.57	ng	0.00
78) Terphenyl-d14	13.08	244	1028715	91.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16990	2.756	ng	87
10) Phenol	6.61	94	29063	3.309	ng	# 54
19) n-Nitroso-di-n-propylamine	7.52	70	73429	15.607	ng	# 71
25) Isophorone	7.53	82	628332	47.261	ng	# 64
49) Dimethylphthalate	9.70	163	120351	7.385	ng	99
56) 2,4-Dinitrotoluene	10.00	165	26640	5.955	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	15833	3.941	ng	# 1

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

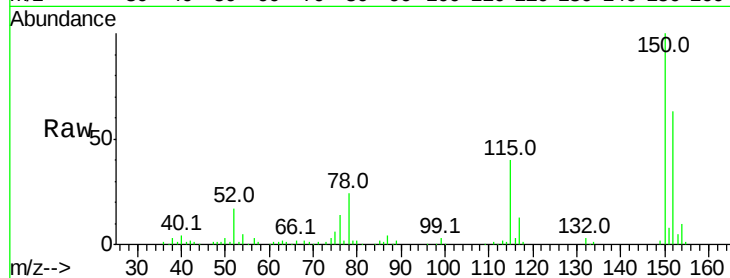


#1

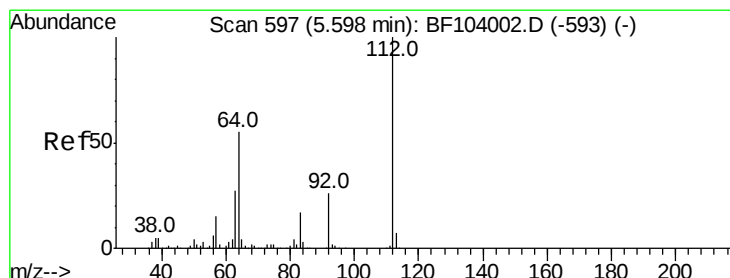
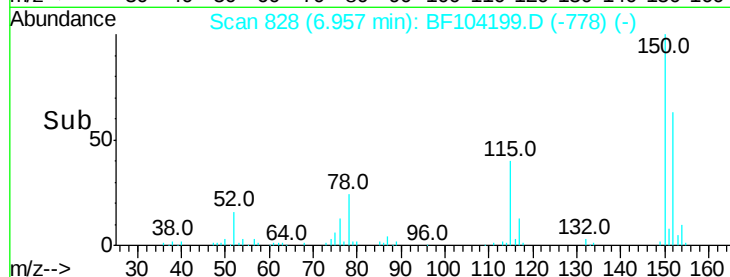
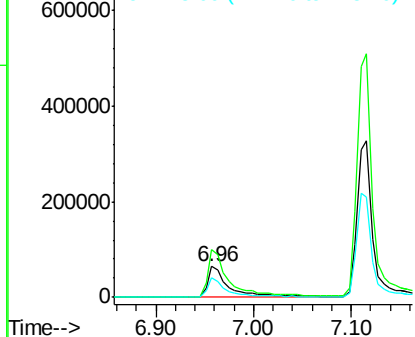
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102761
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.7 50.1 75.1



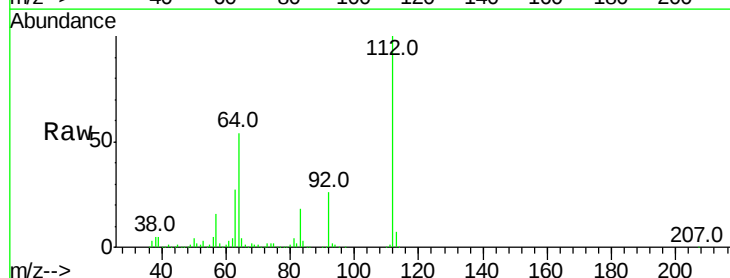
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



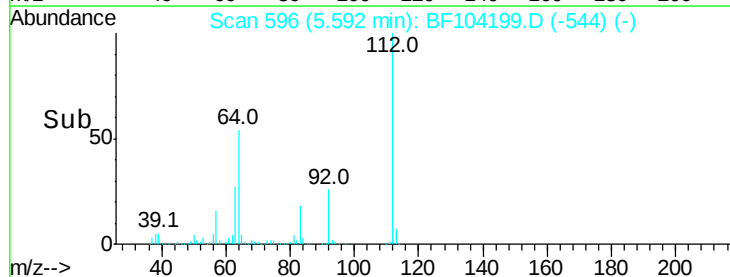
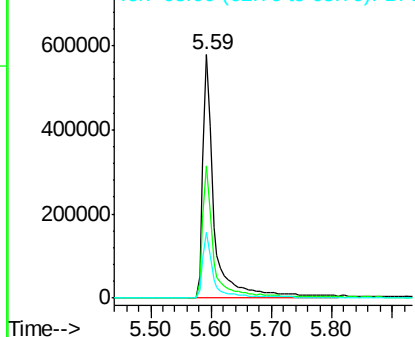
#5

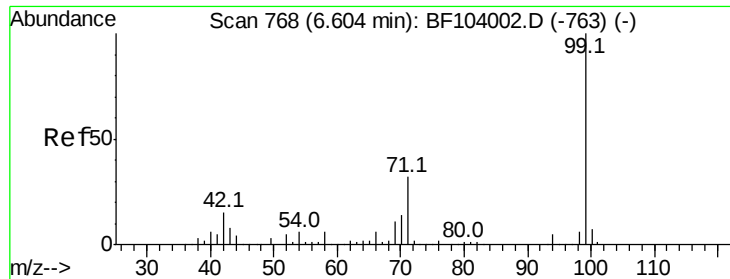
2-Fluorophenol
Concen: 121.129 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Tgt Ion:112 Resp: 780518
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.0 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: 126.311 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

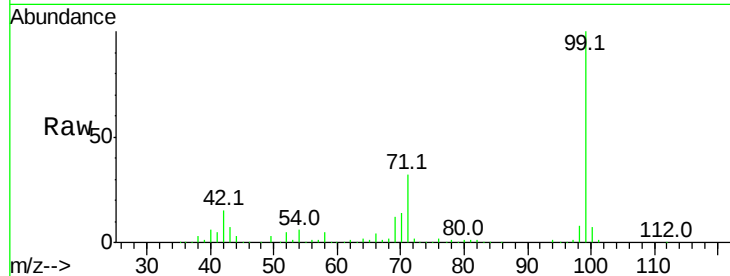
Tot Ion: 99 Resp: 1001358

Ion Ratio Lower Upper

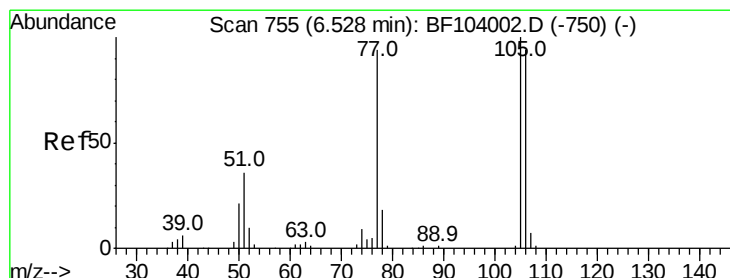
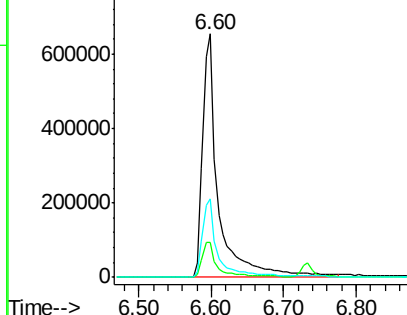
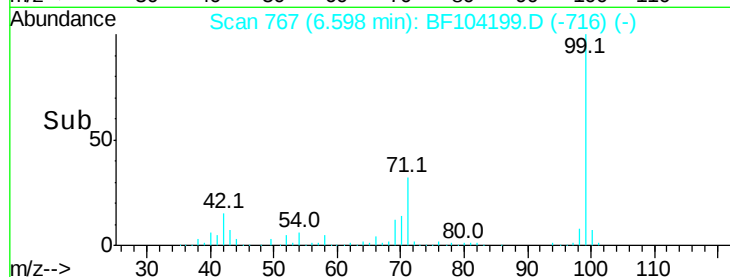
99 100

42 14.5 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: 2.756 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

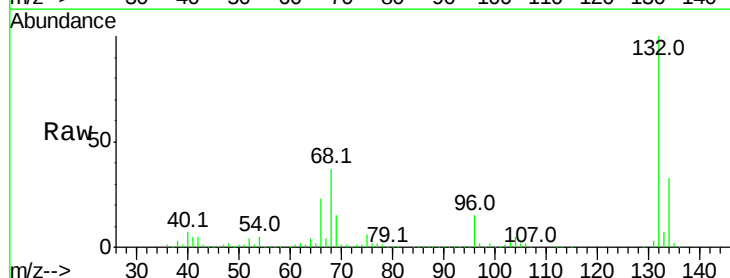
Tgt Ion: 77 Resp: 16990

Ion Ratio Lower Upper

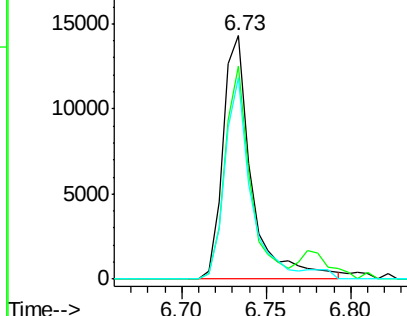
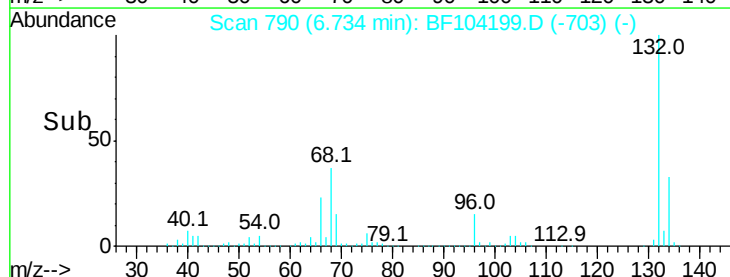
77 100

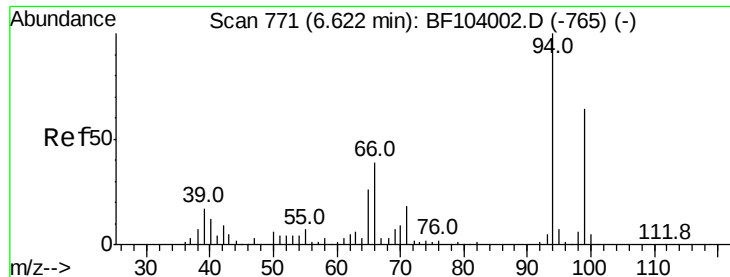
105 87.6 81.1 121.1

106 82.8 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





#10

Phenol

Concen: 3.309 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

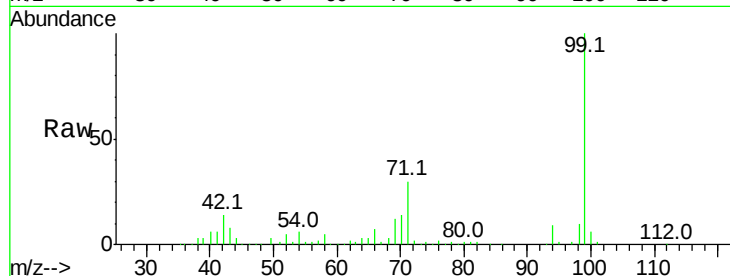
Tot Ion: 94 Resp: 29063

Ion Ratio Lower Upper

94 100

65 35.1 7.9 47.9

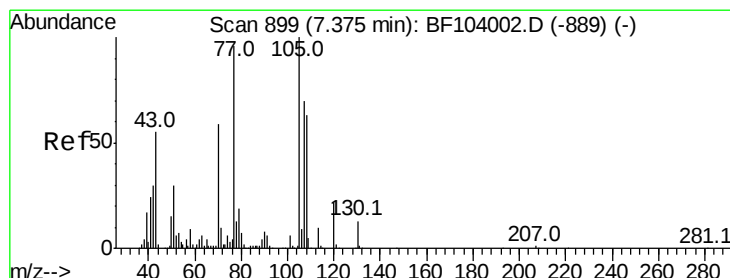
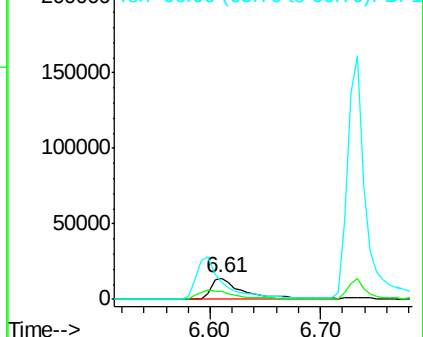
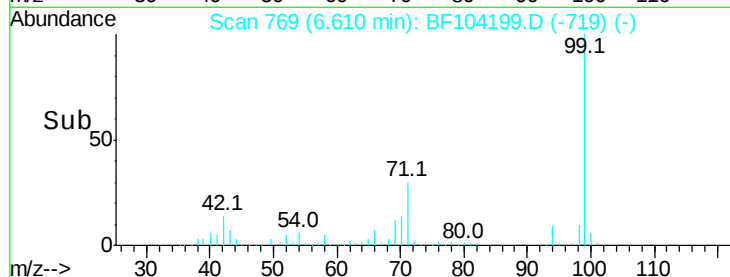
66 78.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.607 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Tgt Ion: 70 Resp: 73429

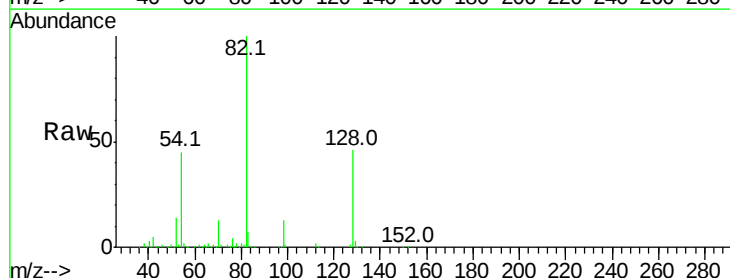
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

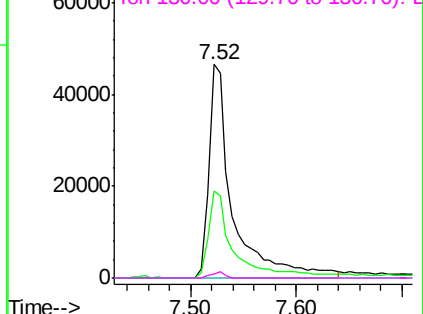
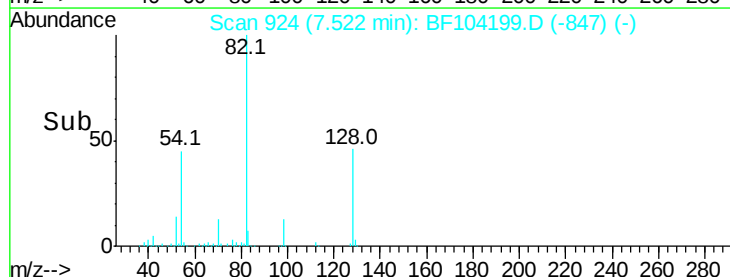


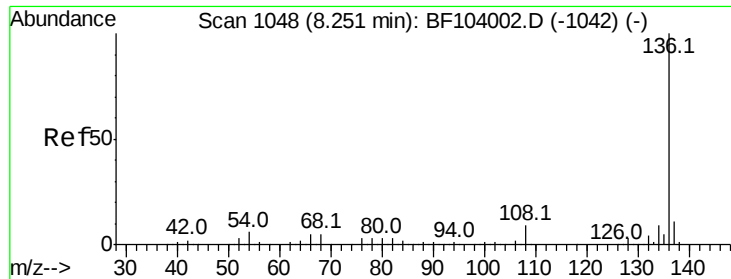
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

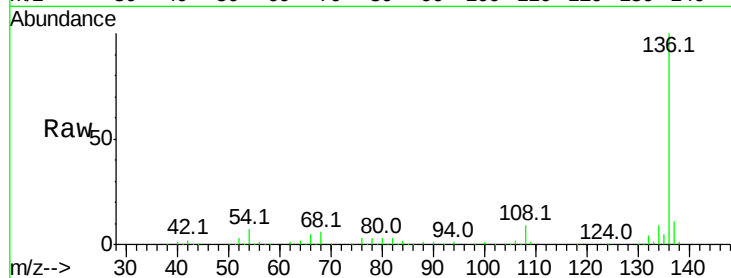




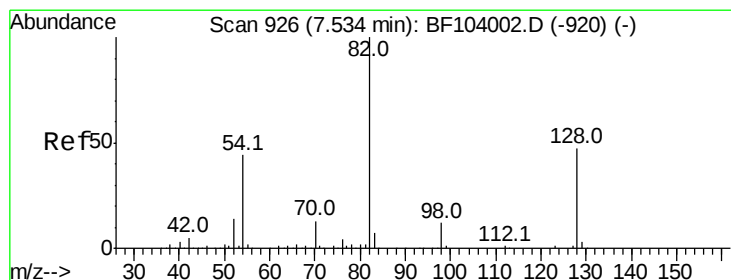
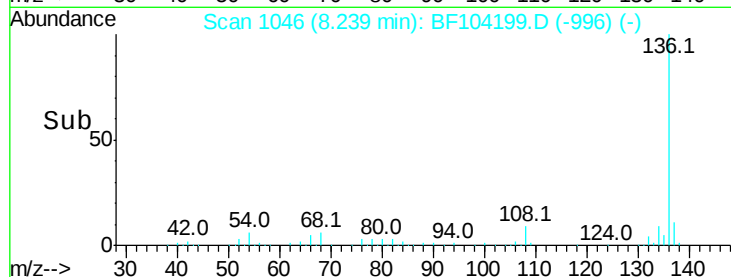
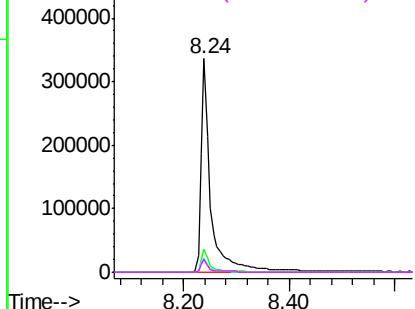
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	441179
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4

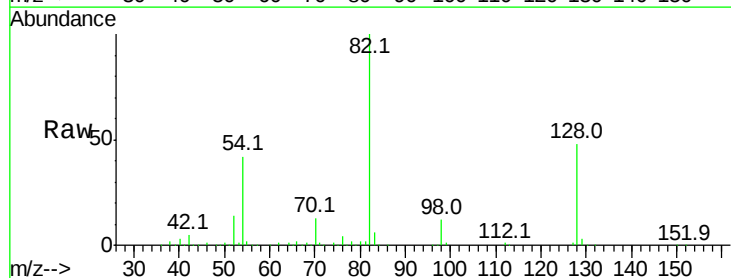


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

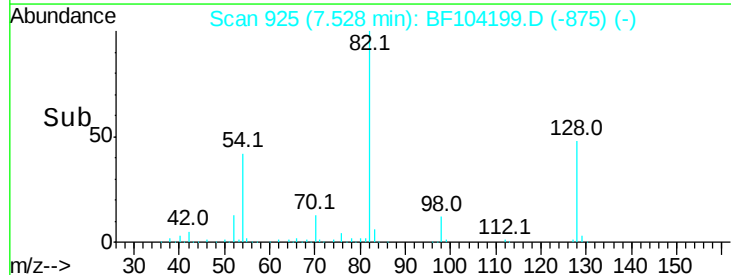
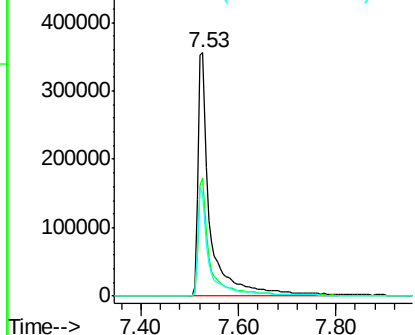


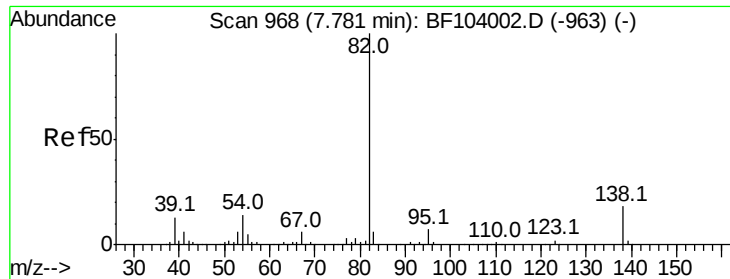
#23
Nitrobenzene-d5
Concen: 86.991 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Tgt Ion:	82	Resp:	627560
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	42.3	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: 47.261 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

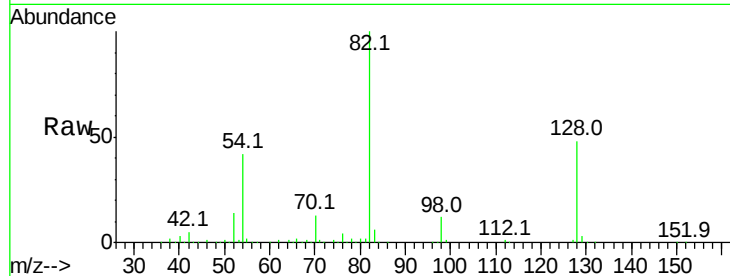
Tot Ion: 82 Resp: 628332

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

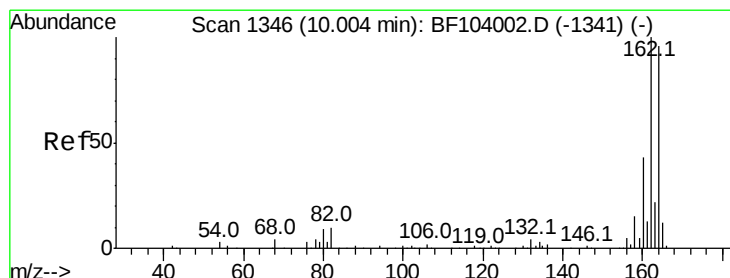
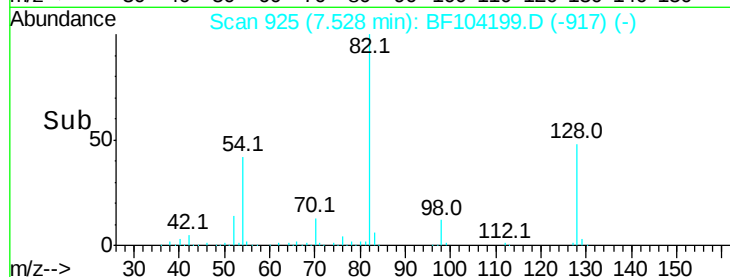
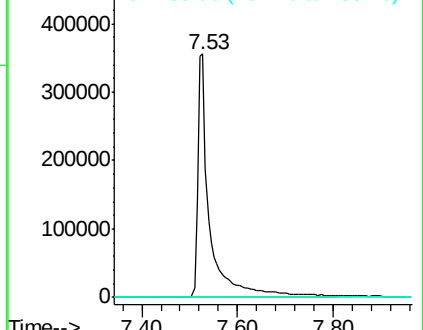
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

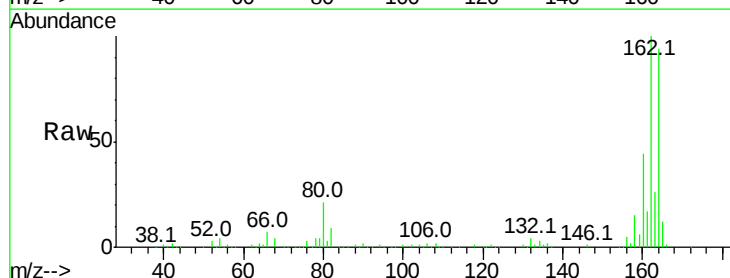
Tgt Ion: 164 Resp: 206400

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

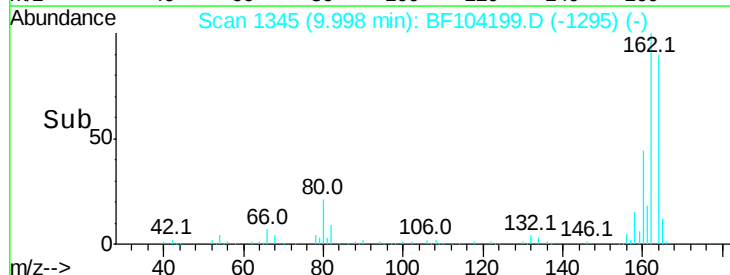
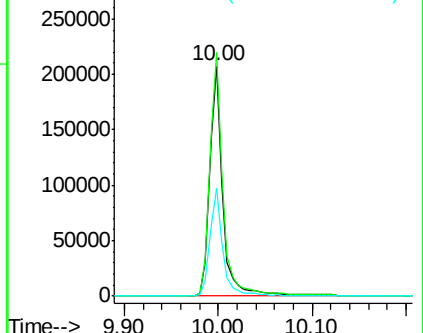
160 46.8 38.3 57.5

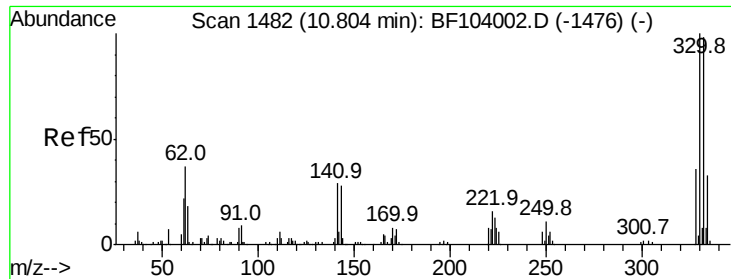


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

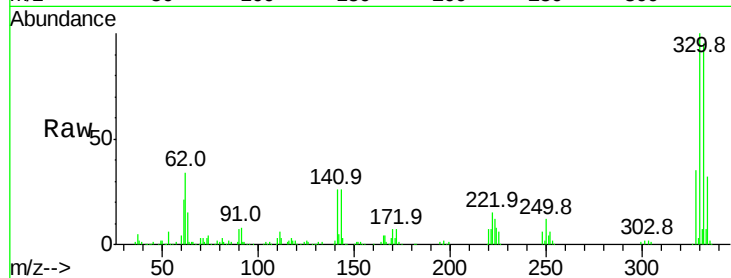




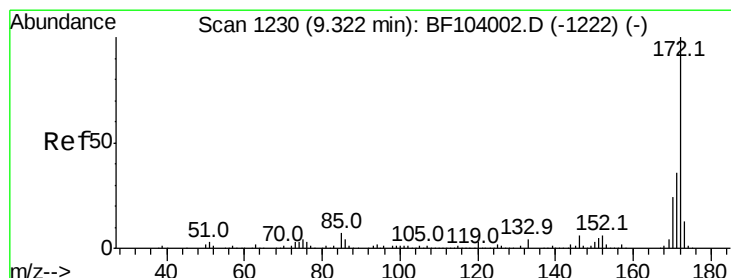
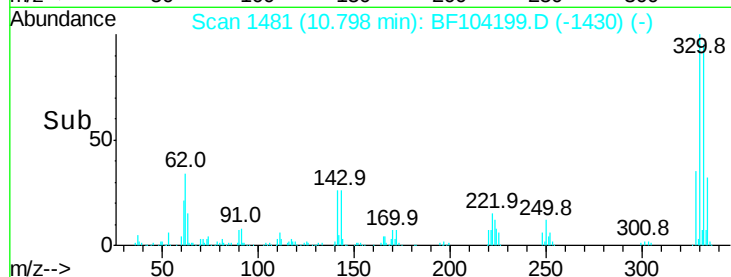
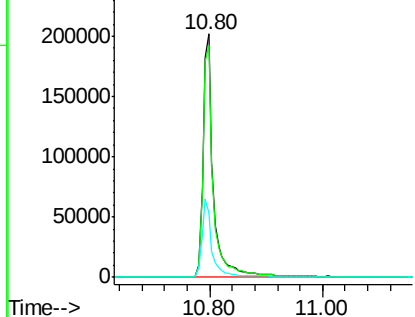
#41
 2,4,6-Tribromophenol
 Concen: 114.911 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 264097
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.7 29.9 44.9

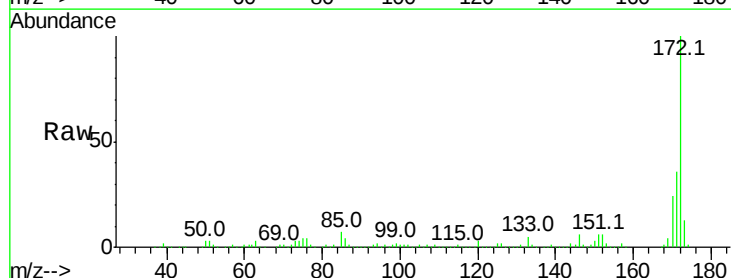


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

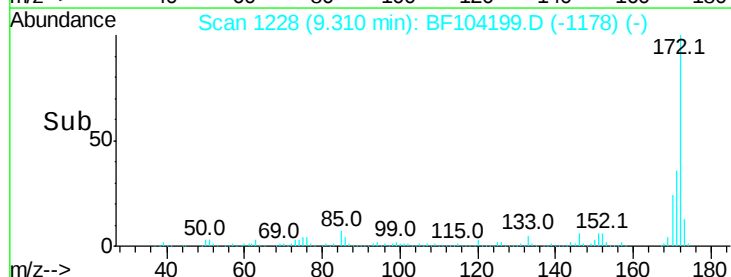
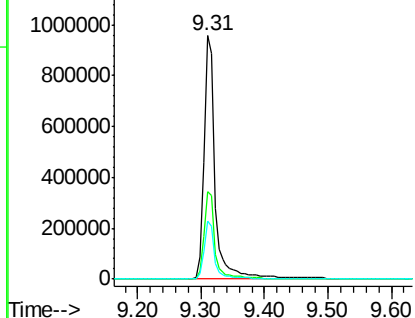


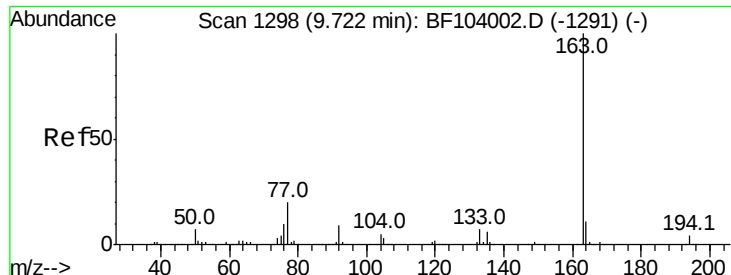
#44
 2-Fluorobiphenyl
 Concen: 88.574 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Tgt Ion:172 Resp: 1159336
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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

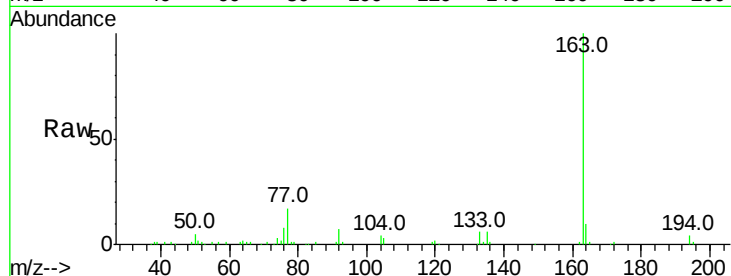




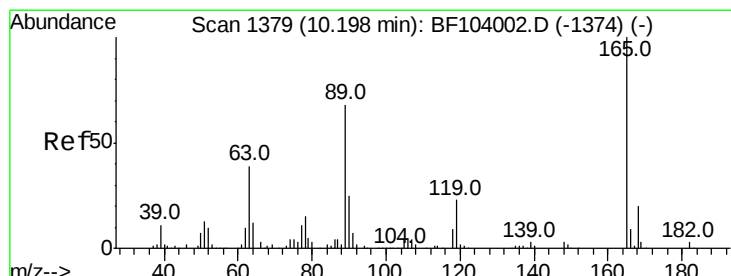
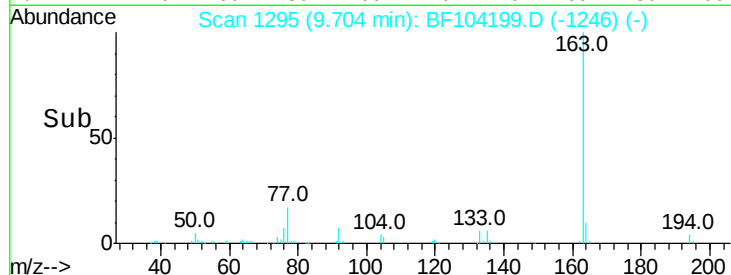
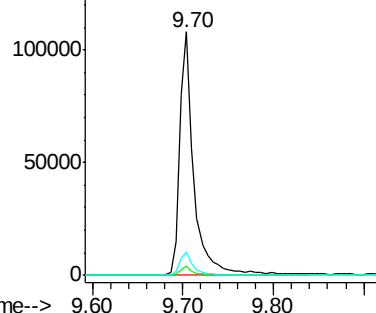
#49
 Dimethylphthalate
 Concen: 7.385 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	120351
Ion Ratio	Lower	Upper
163	100	
194	3.8	2.7 4.1
164	9.7	8.2 12.2

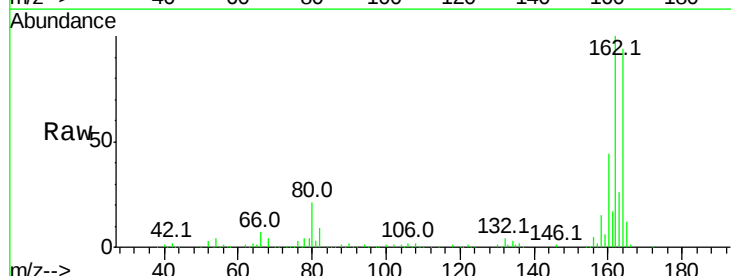


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

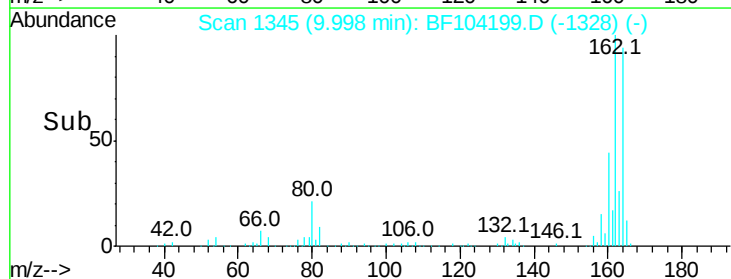
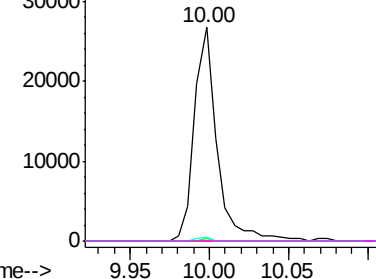


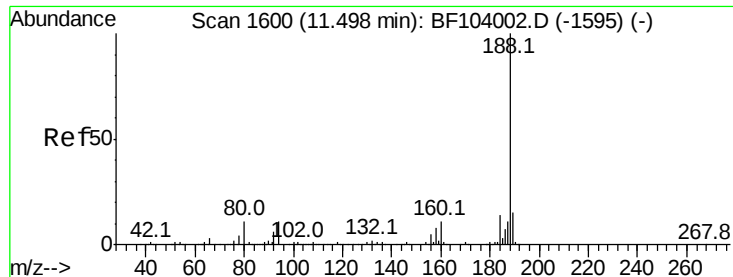
#56
 2,4-Dinitrotoluene
 Concen: 5.955 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Tgt Ion:165	Resp:	26640
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	1.7	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

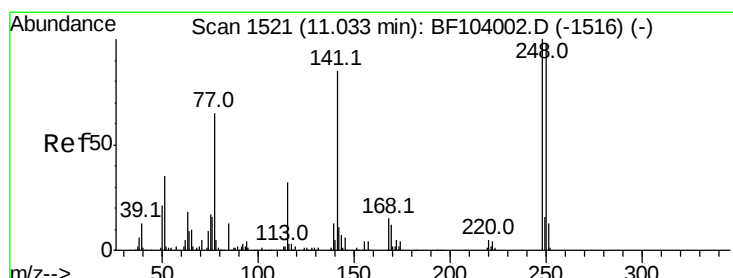
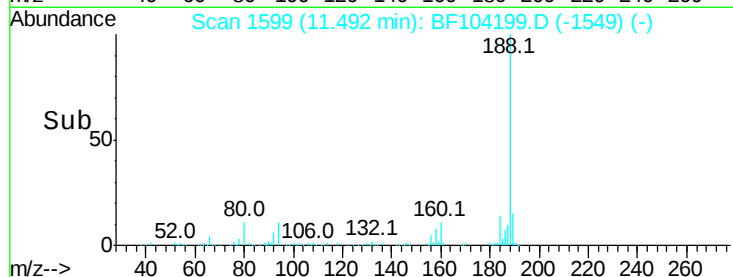
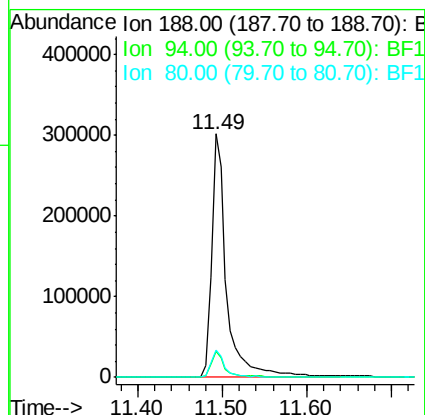
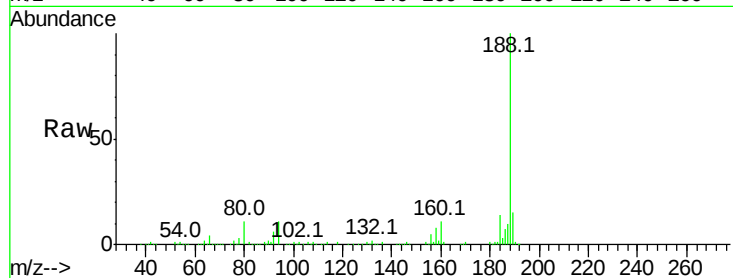




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

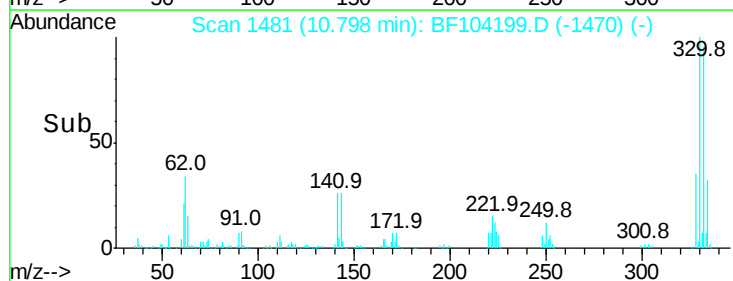
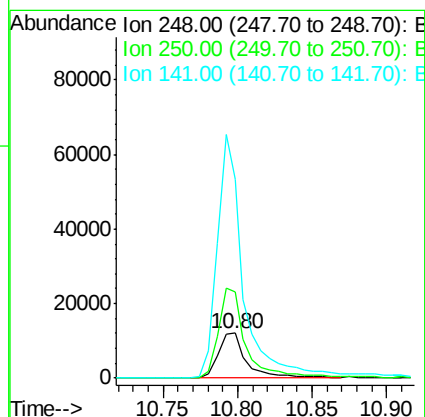
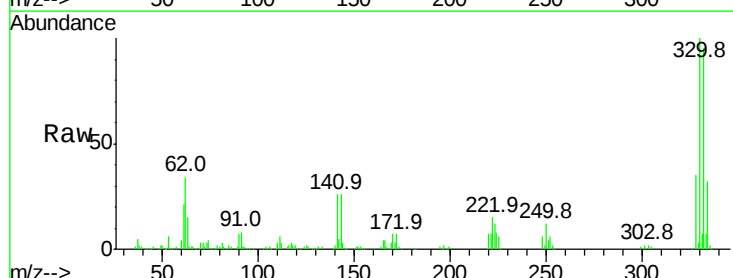
Instrument :
BNA_F
ClientSampleId :

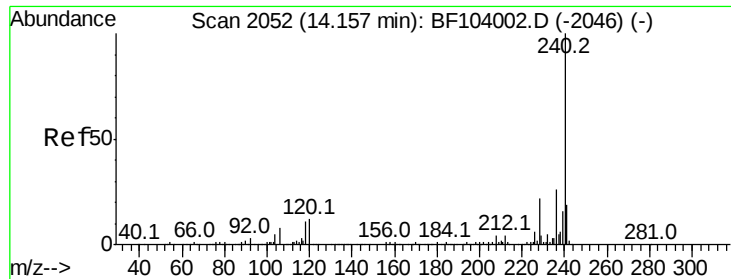
Tot Ion:188 Resp: 375533
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Tgt Ion:248 Resp: 15833
Ion Ratio Lower Upper
248 100
250 192.8 76.9 115.3#
141 442.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampled :

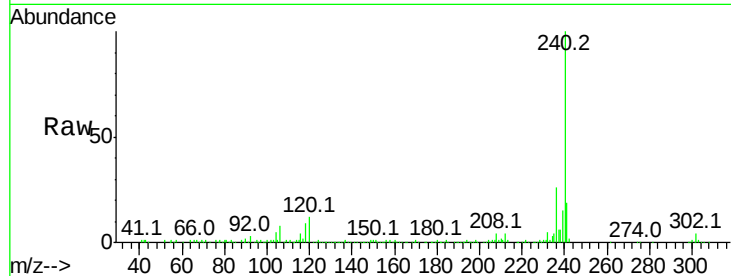
Tot Ion:240 Resp: 259058

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

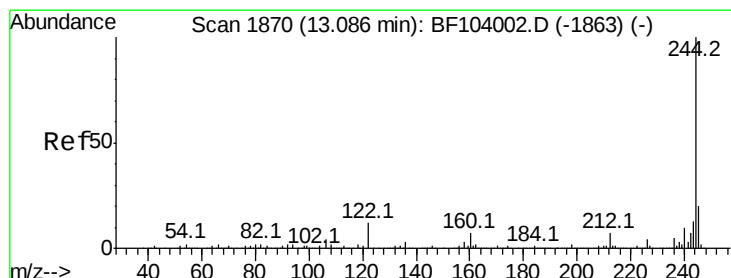
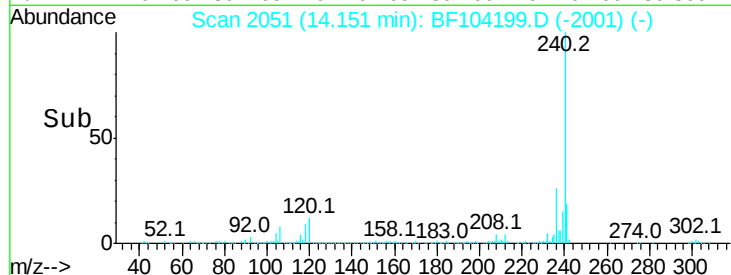
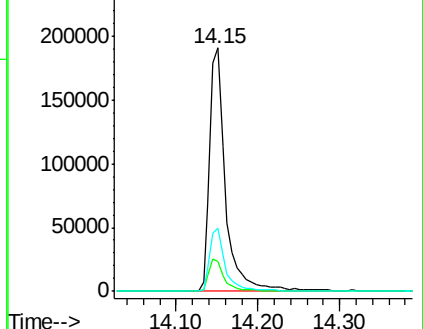
236 25.8 20.7 31.1



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: 91.688 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

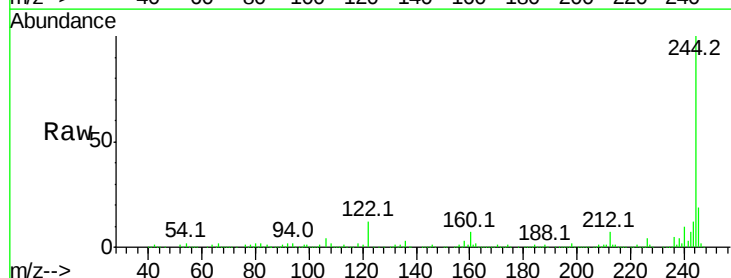
Tgt Ion:244 Resp: 1028715

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

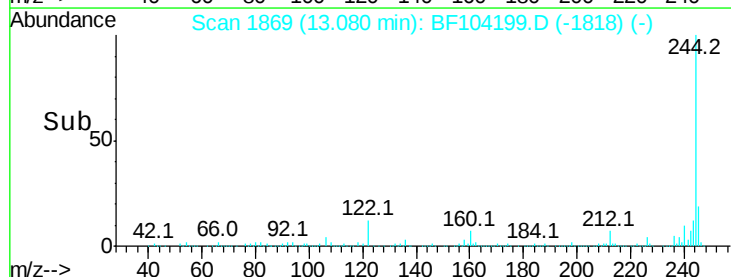
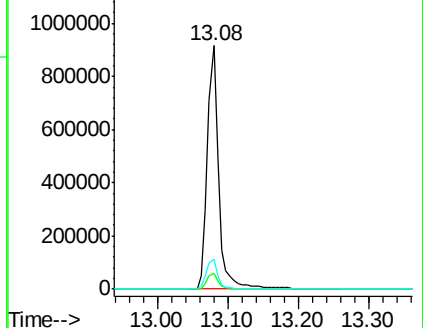
122 12.0 11.0 16.4

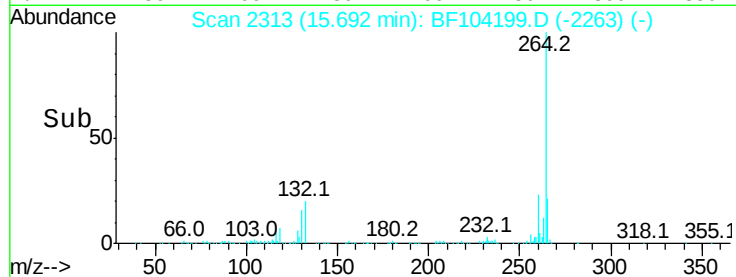
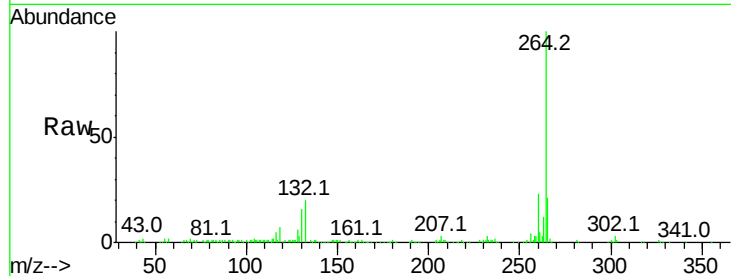
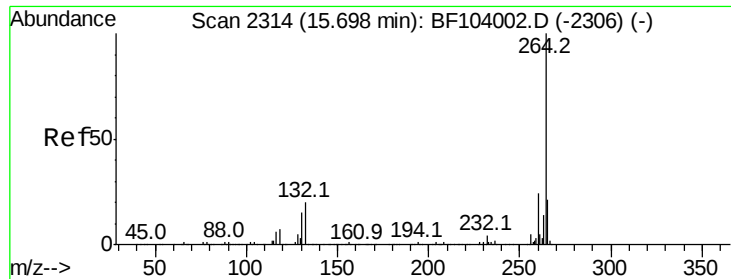


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2313
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

