

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104232.D
 Acq On : 4 Apr 2018 18:22
 Operator : JU/SJ
 Sample : J2185-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:00:18 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

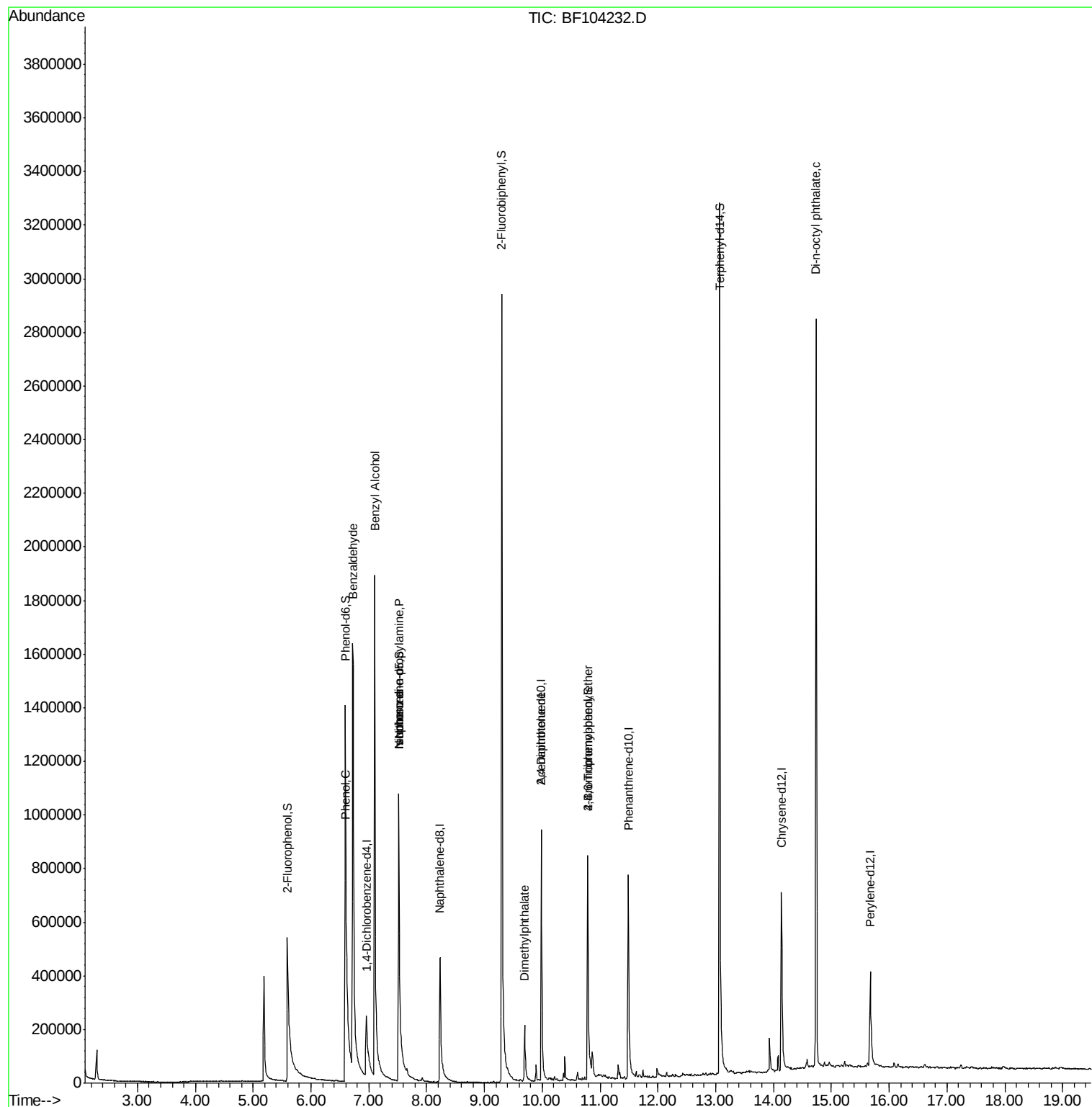
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108242	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491415	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	234651	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	459755	20.00	ng	0.00
75) Chrysene-d12	14.14	240	358880	20.00	ng	0.00
86) Perylene-d12	15.67	264	255229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	557445	82.13	ng	0.00
7) Phenol-d6	6.59	99	1175952	140.82	ng	-0.01
23) Nitrobenzene-d5	7.52	82	734943	91.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	188601	72.18	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1462968	98.32	ng	0.00
78) Terphenyl-d14	13.07	244	1532881	98.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	15021	2.228	ng	Qvalue 91
10) Phenol	6.61	94	20598	2.226	ng	# 1
15) Benzyl Alcohol	7.10	79	11223	2.067	ng	# 37
19) n-Nitroso-di-n-propylamine	7.52	70	87455	17.647	ng	# 73
25) Isophorone	7.52	82	734943	49.629	ng	# 64
49) Dimethylphthalate	9.70	163	149882	8.090	ng	99
56) 2,4-Dinitrotoluene	9.99	165	30407	5.979	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	10897	2.215	ng	# 1
84) Di-n-octyl phthalate	14.74	149	310614	11.498	ng	# 60

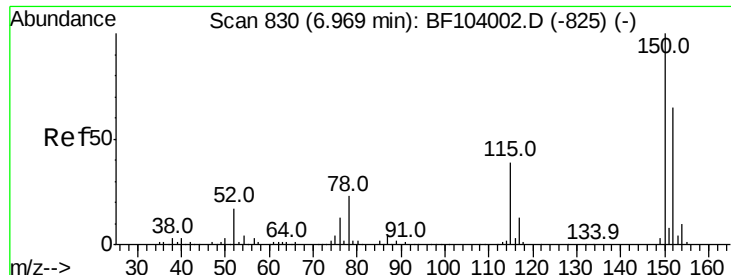
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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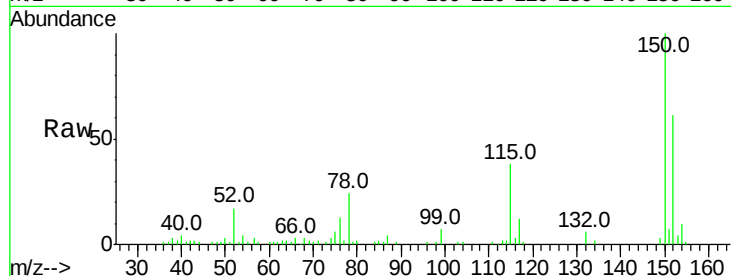


#1

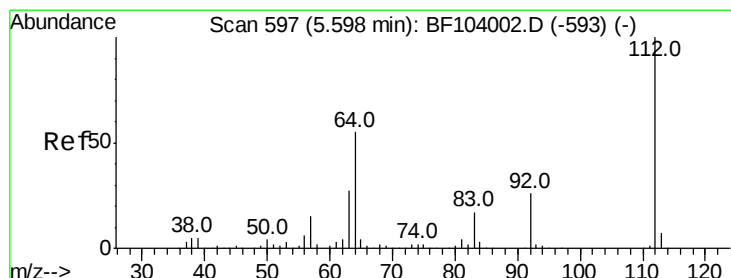
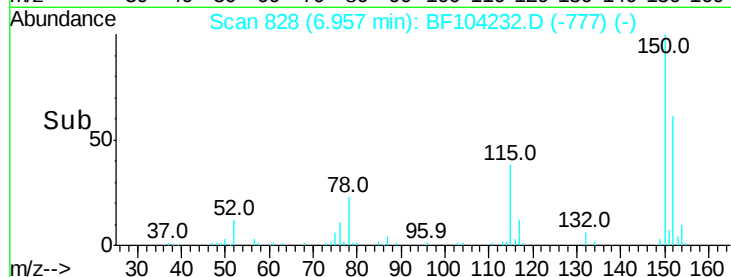
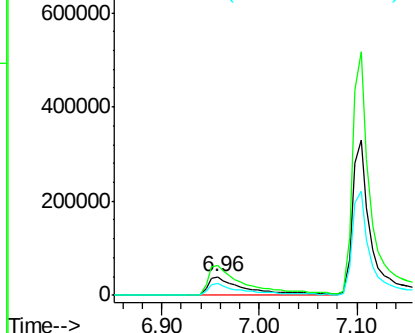
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108242
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 62.1 50.1 75.1



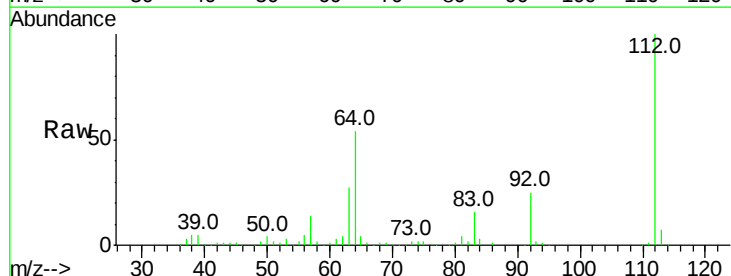
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



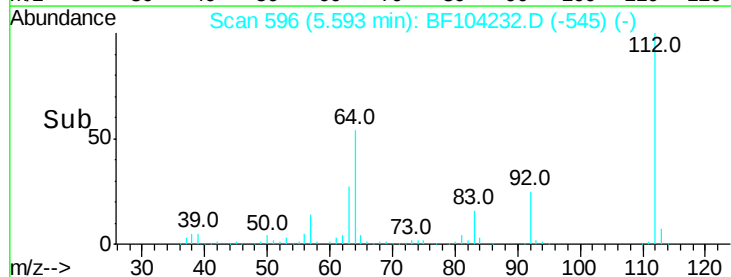
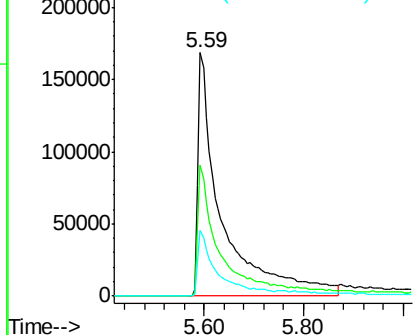
#5

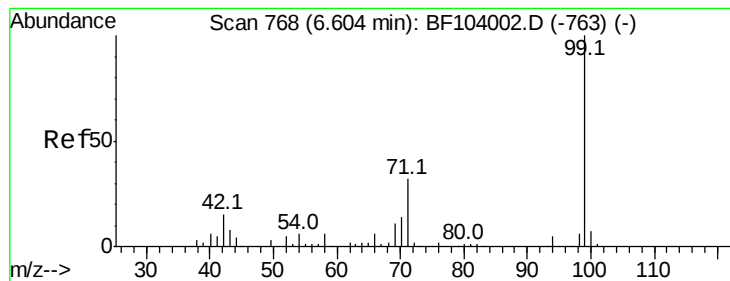
2-Fluorophenol
Concen: 82.129 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Tgt Ion:112 Resp: 557445
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.9 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: 140.823 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

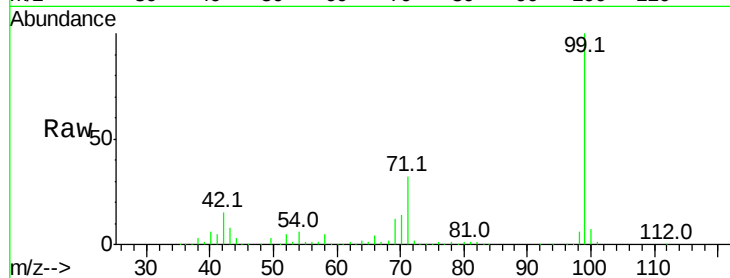
Tot Ion: 99 Resp: 1175952

Ion Ratio Lower Upper

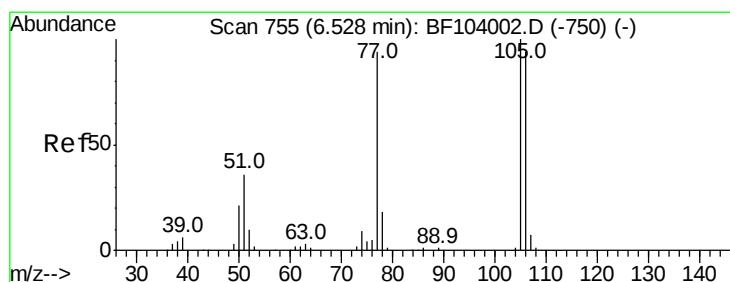
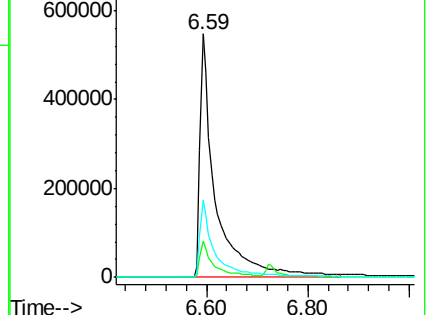
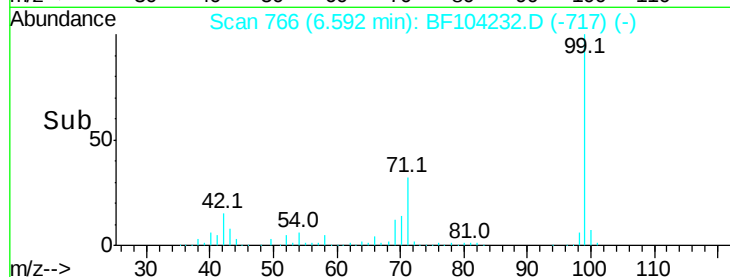
99 100

42 14.7 14.5 21.7

71 31.5 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: 2.228 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.21 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

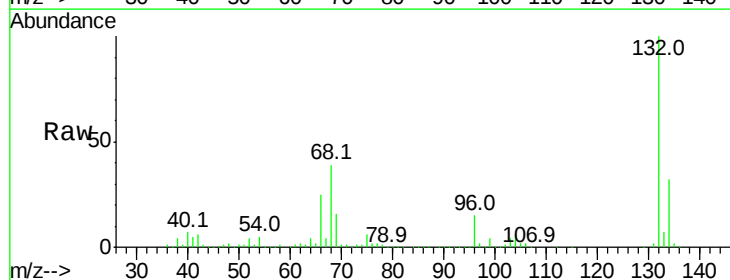
Tgt Ion: 77 Resp: 15021

Ion Ratio Lower Upper

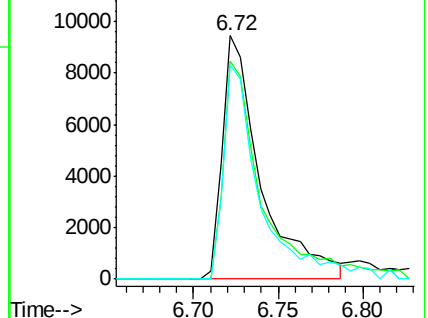
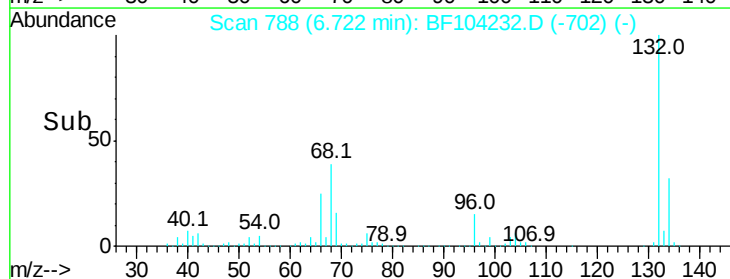
77 100

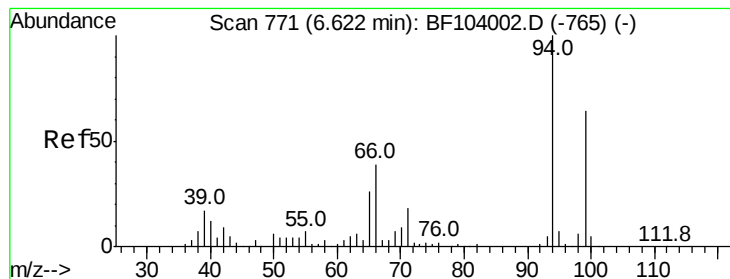
105 89.5 81.1 121.1

106 88.0 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: 2.226 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

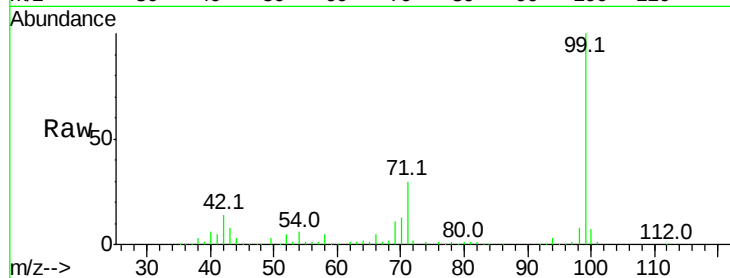
Tot Ion: 94 Resp: 20598

Ion Ratio Lower Upper

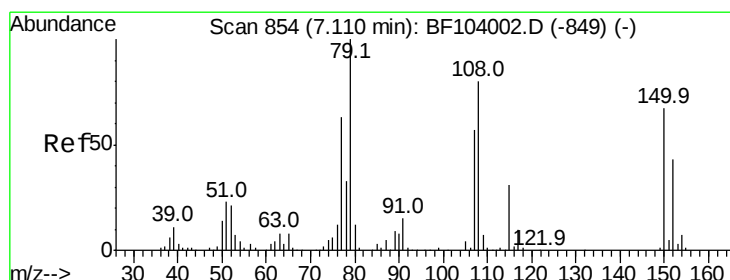
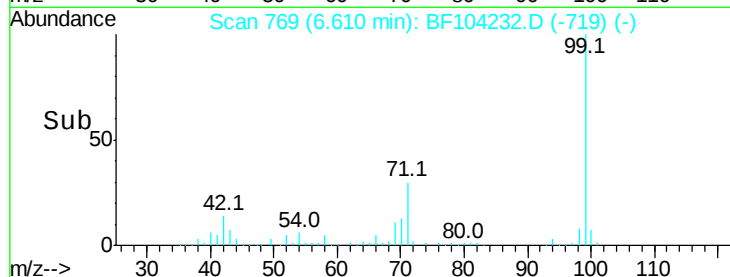
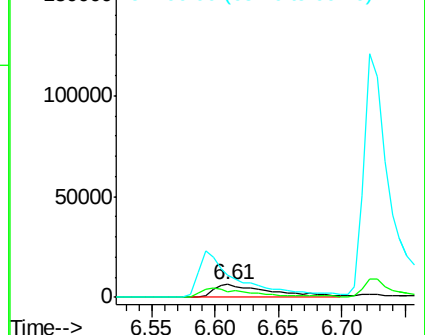
94 100

65 48.0 7.9 47.9#

66 177.8 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



#15

Benzyl Alcohol

Concen: 2.067 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

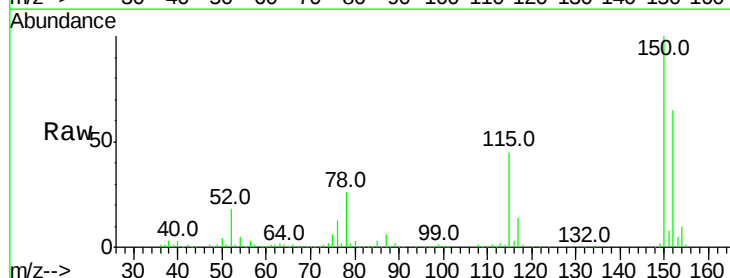
Tgt Ion: 79 Resp: 11223

Ion Ratio Lower Upper

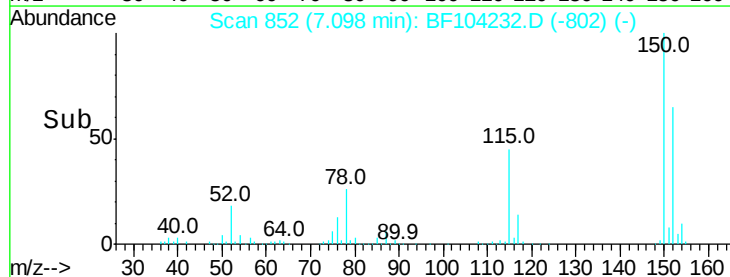
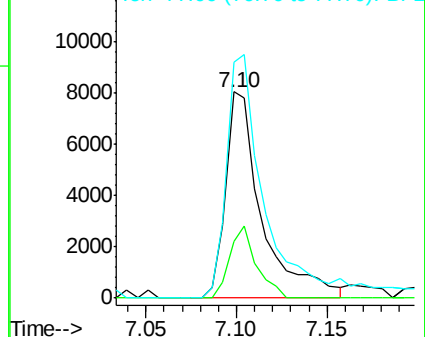
79 100

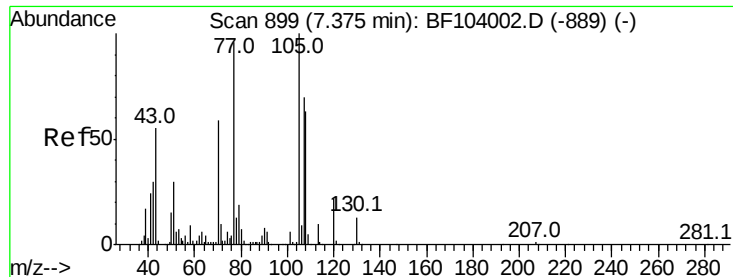
108 27.7 65.1 97.7#

77 114.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 17.647 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 87455

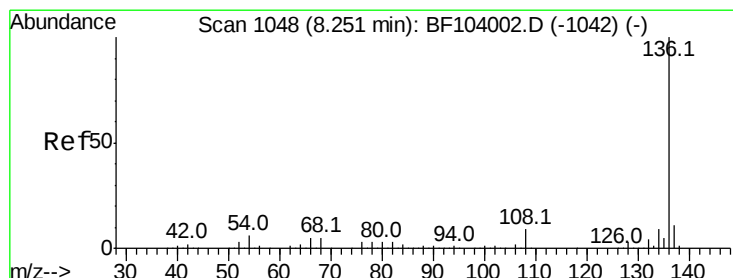
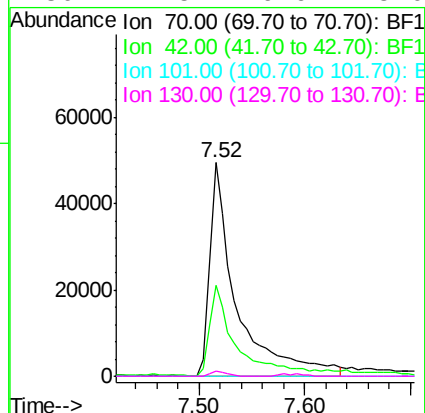
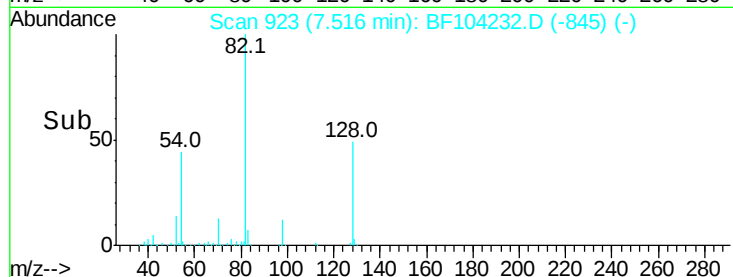
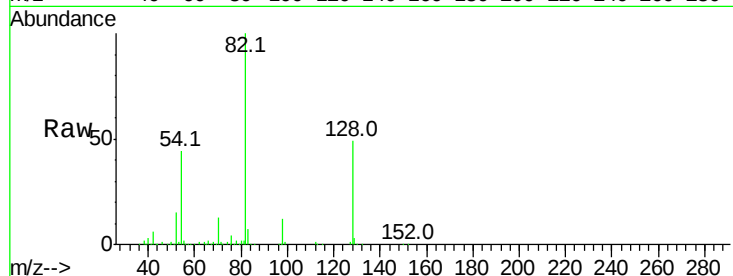
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Tgt Ion: 136 Resp: 491415

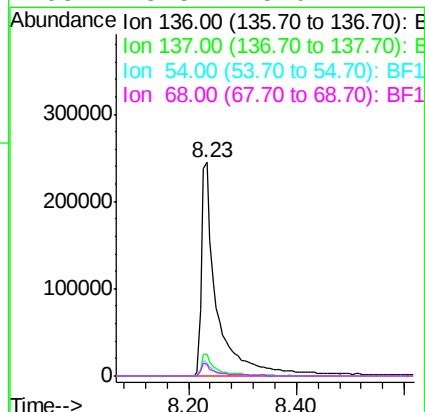
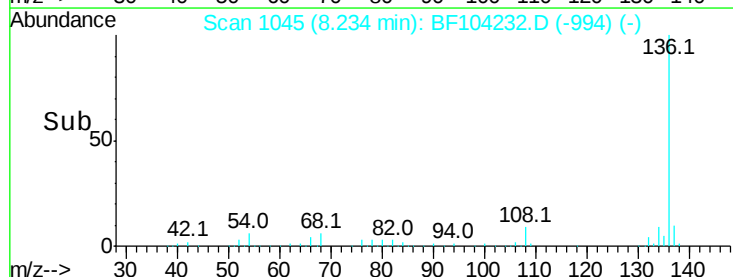
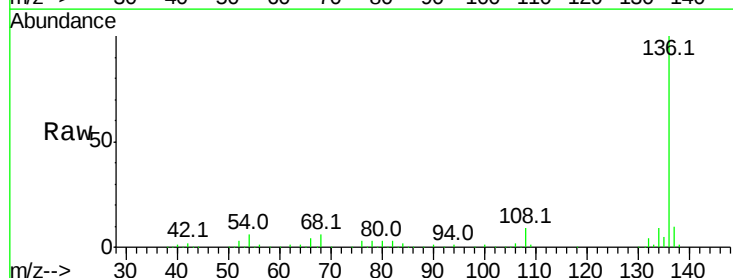
Ion Ratio Lower Upper

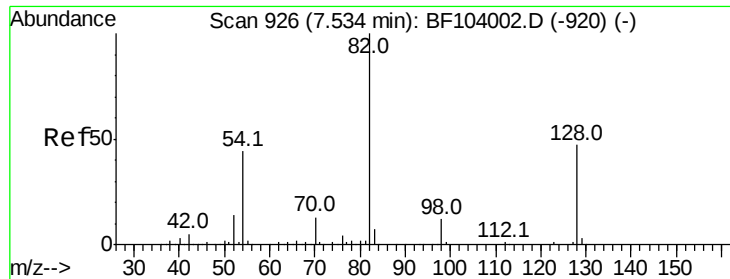
136 100

137 10.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

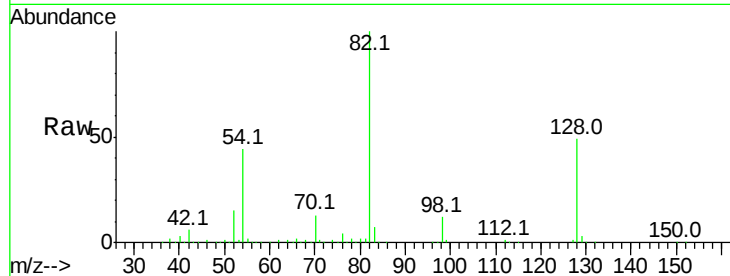




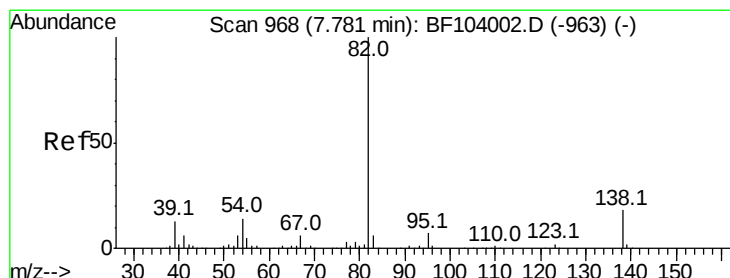
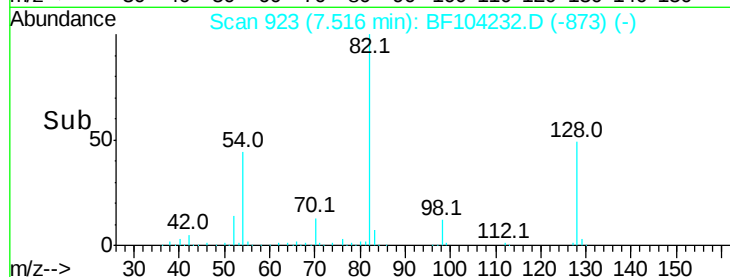
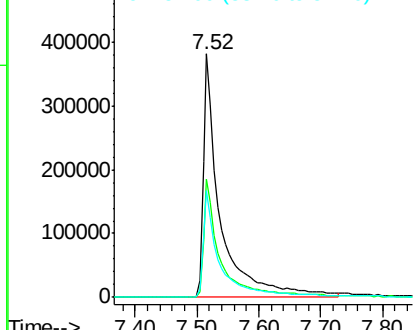
#23
 Nitrobenzene-d5
 Concen: 91.462 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 734943
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 44.1 41.4 62.2

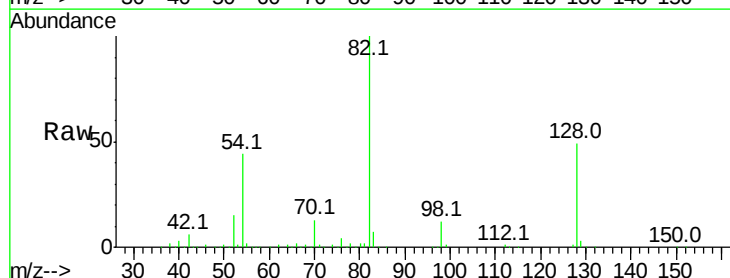


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

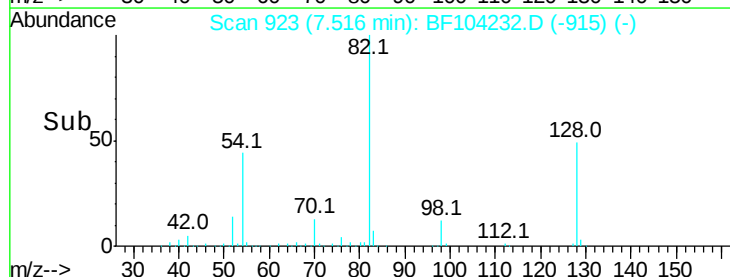
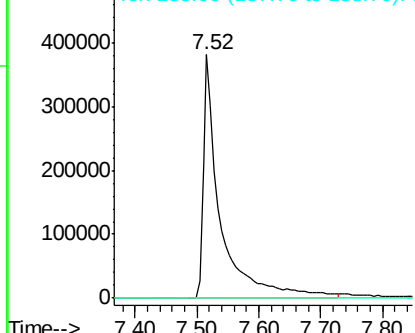


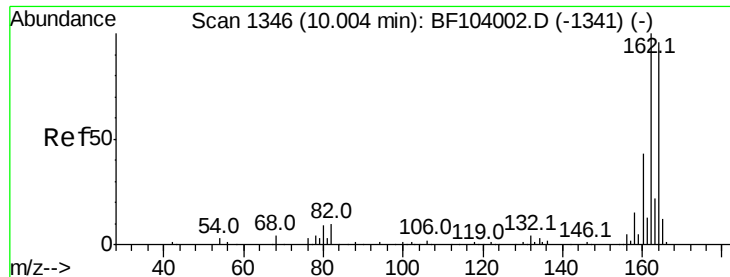
#25
 Isophorone
 Concen: 49.629 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Tgt Ion: 82 Resp: 734943
 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

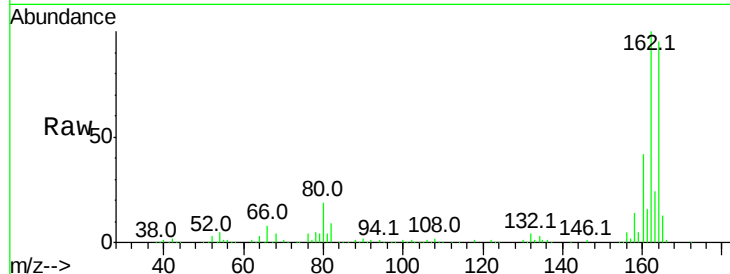




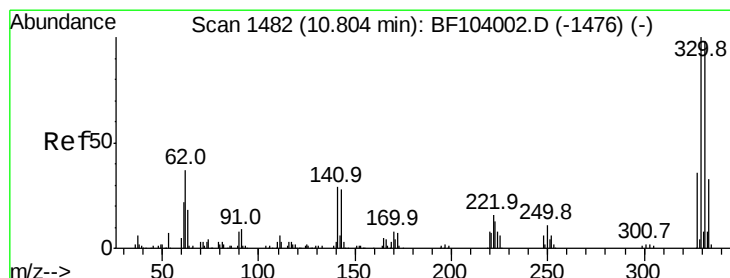
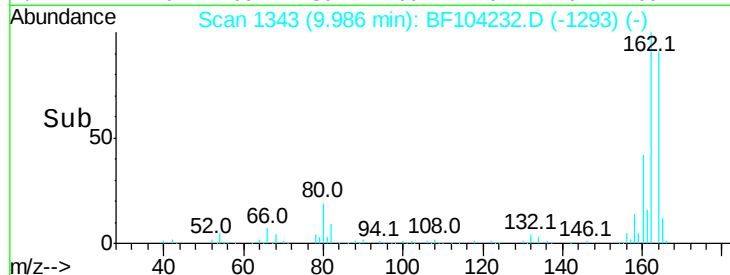
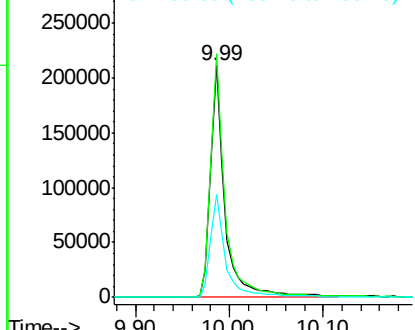
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 234651
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 44.7 38.3 57.5

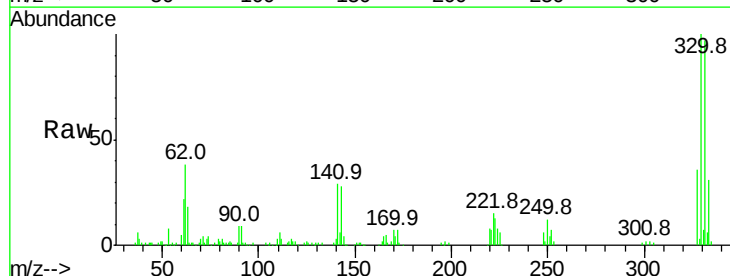


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

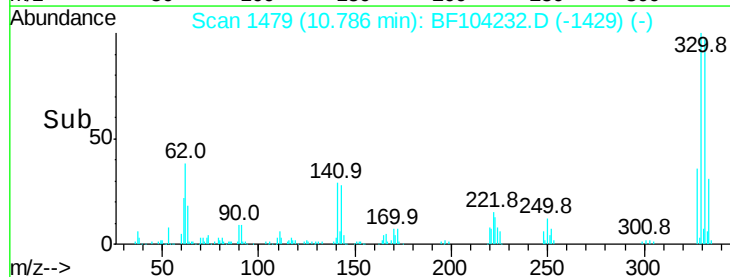
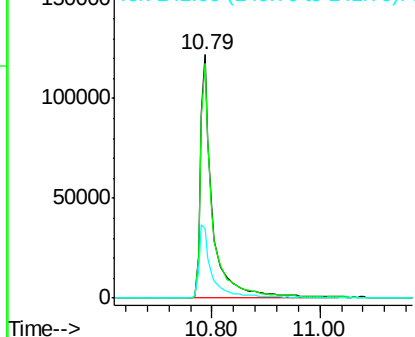


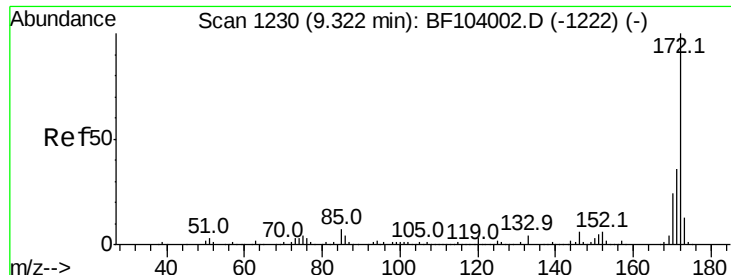
#41
 2,4,6-Tribromophenol
 Concen: 72.182 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Tgt Ion:330 Resp: 188601
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.2 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



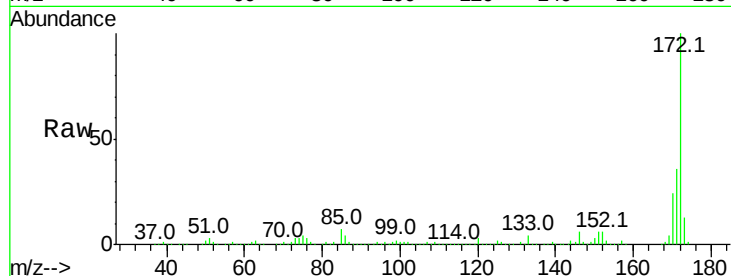


#44
 2-Fluorobiphenyl
 Concen: 98.315 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

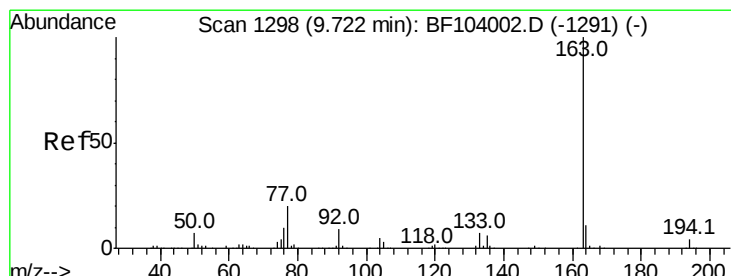
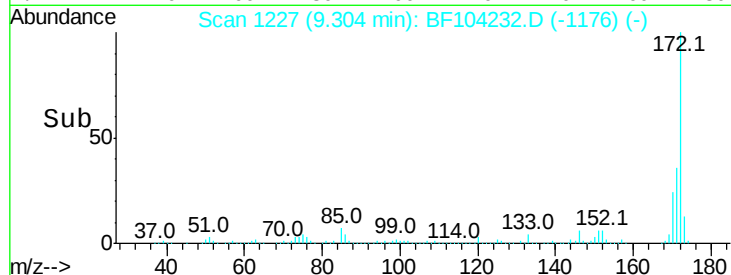
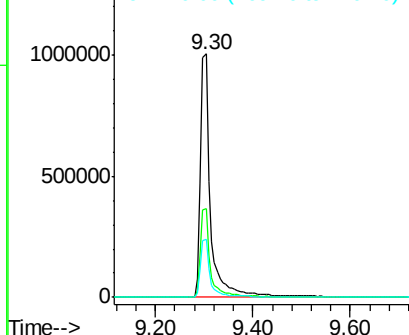
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1462968

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4



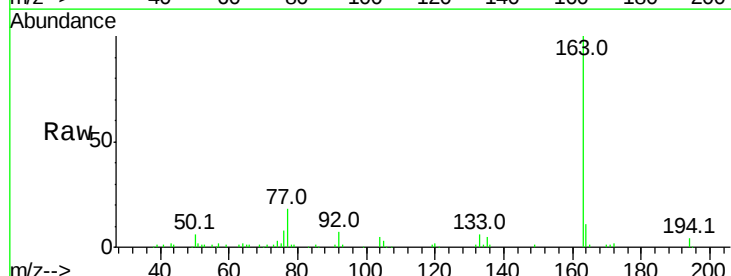
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



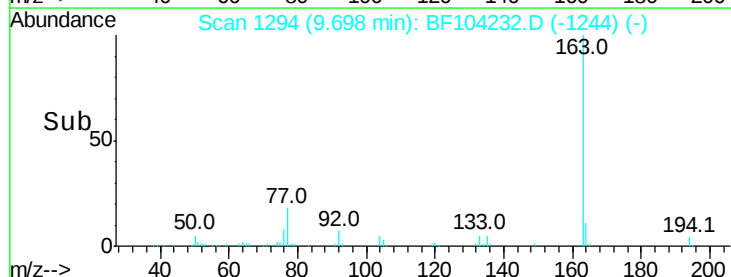
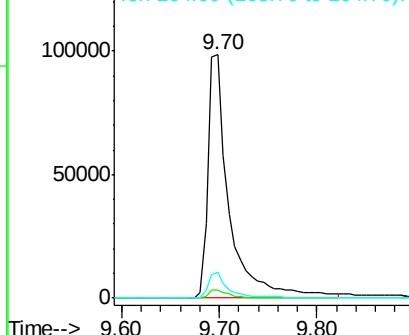
#49
 Dimethylphthalate
 Concen: 8.090 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

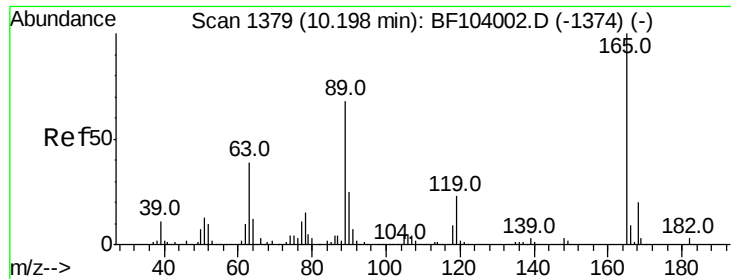
Tgt Ion:163 Resp: 149882

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.6	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

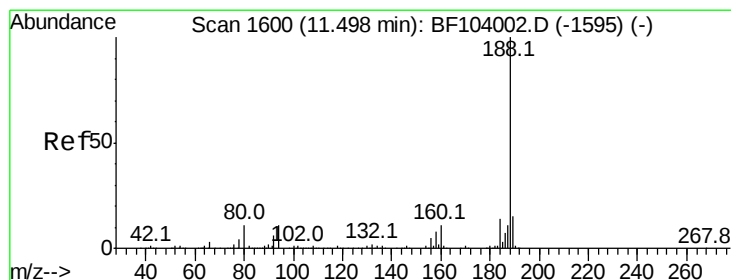
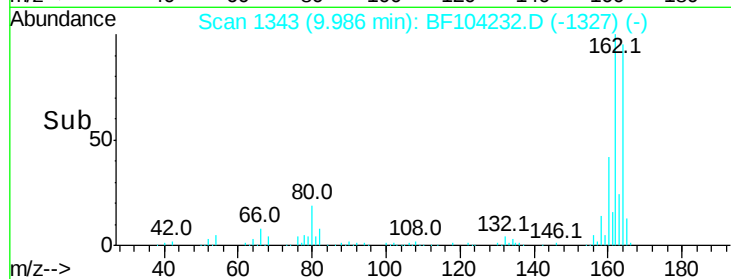
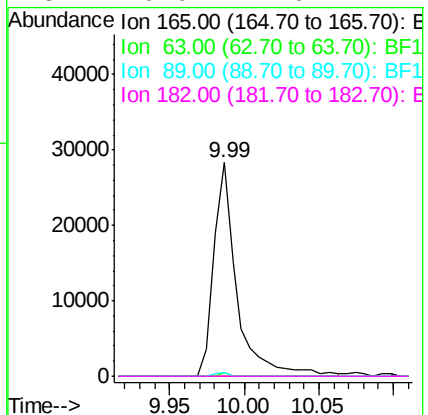
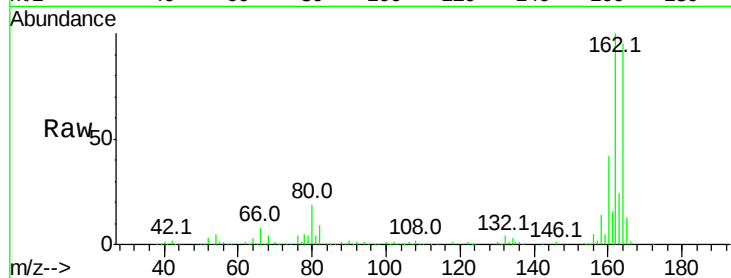




#56
 2,4-Dinitrotoluene
 Concen: 5.979 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

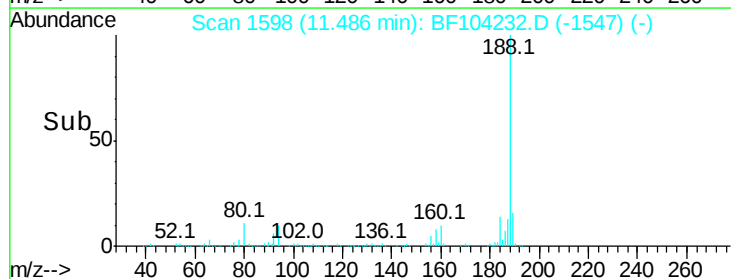
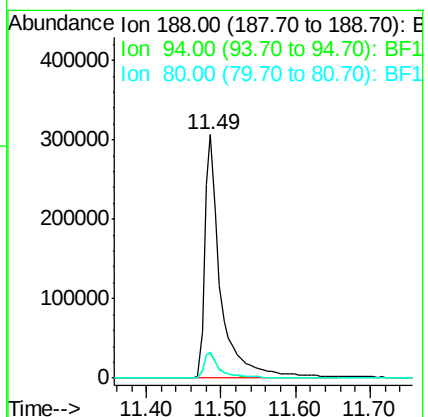
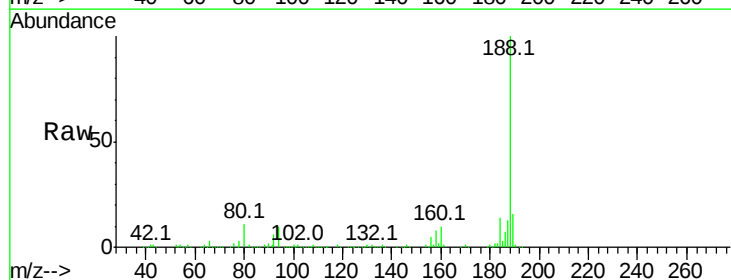
Instrument :
 BNA_F
 ClientSampleId :

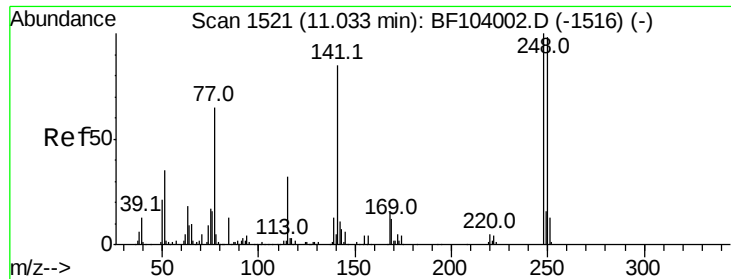
Tot Ion:165 Resp: 30407
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Tgt Ion:188 Resp: 459755
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.5 9.2 13.8

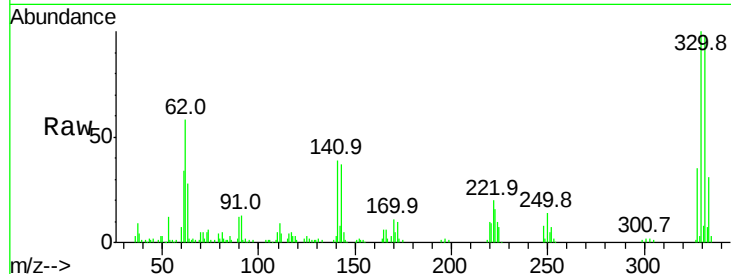




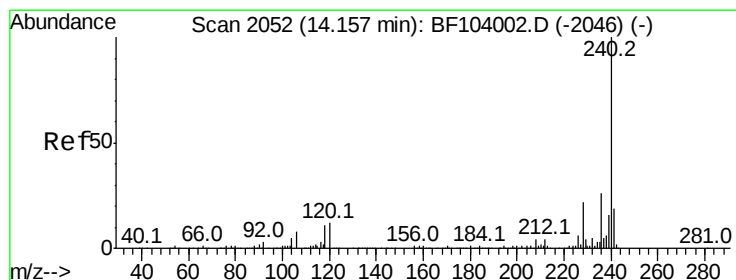
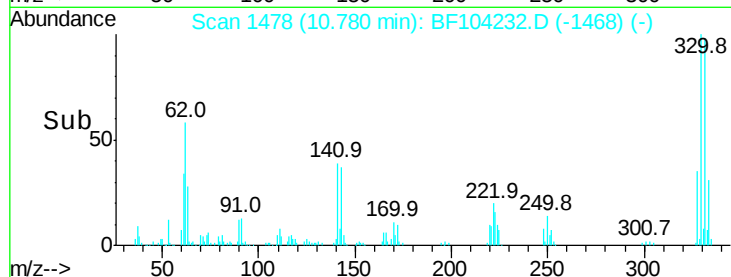
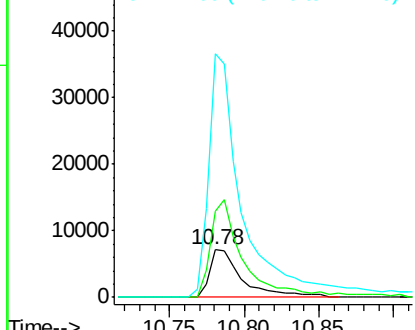
#66
4-Bromophenyl-phenylether
Concen: 2.215 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10897
Ion Ratio Lower Upper
248 100
250 182.5 76.9 115.3#
141 514.0 74.4 111.6#

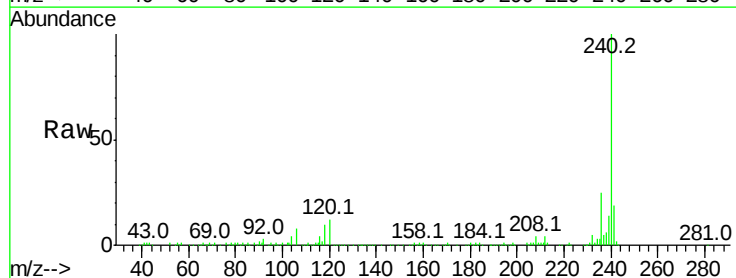


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

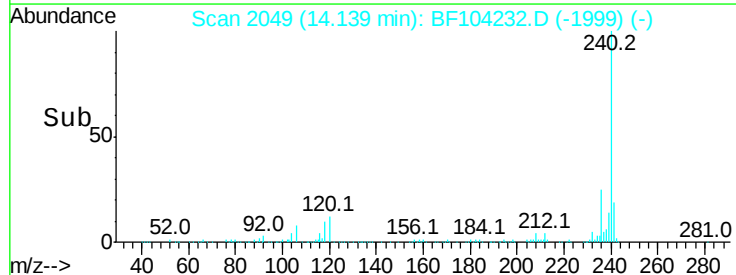
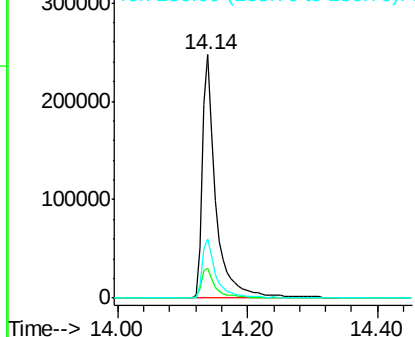


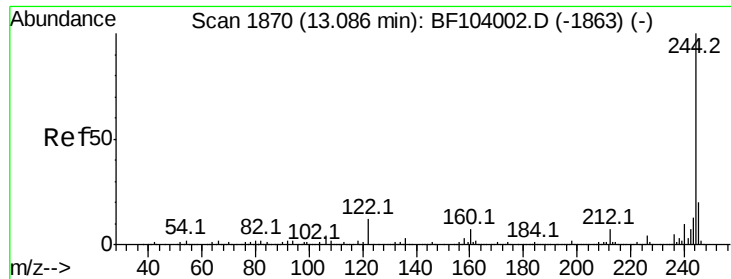
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104232.D
Acq: 4 Apr 2018 18:22

Tgt Ion:240 Resp: 358880
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.6 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: 98.622 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

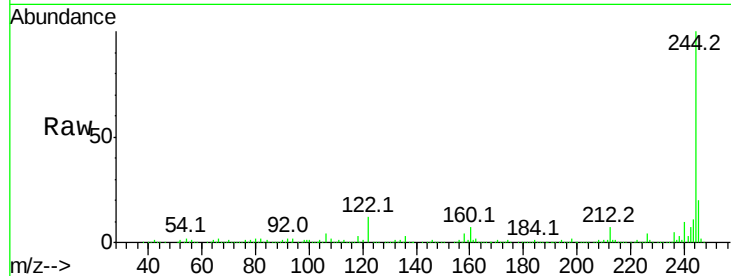
Tot Ion:244 Resp: 1532881

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

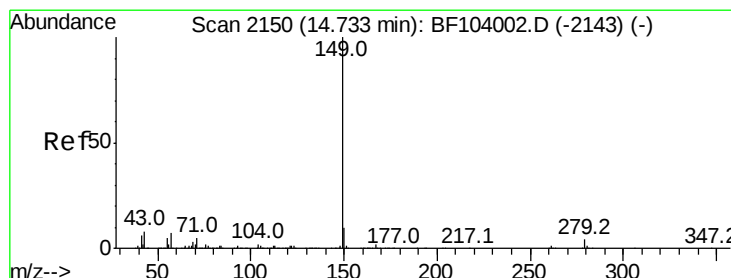
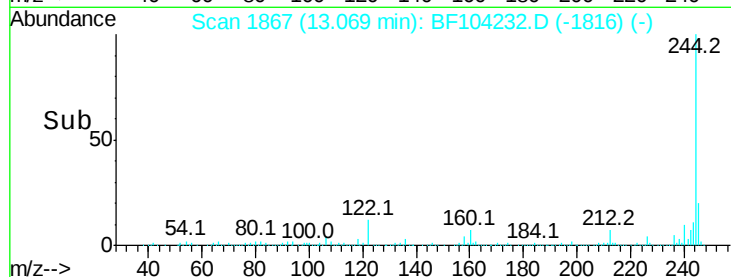
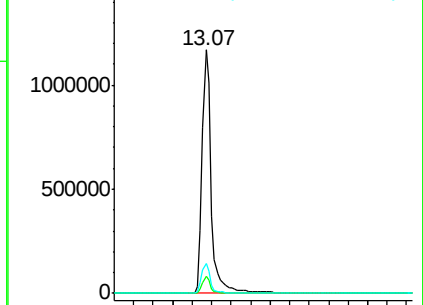
122 12.4 11.0 16.4



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



#84

Di-n-octyl phthalate

Concen: 11.498 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.04 min

Lab File: BF104232.D

Acq: 4 Apr 2018 18:22

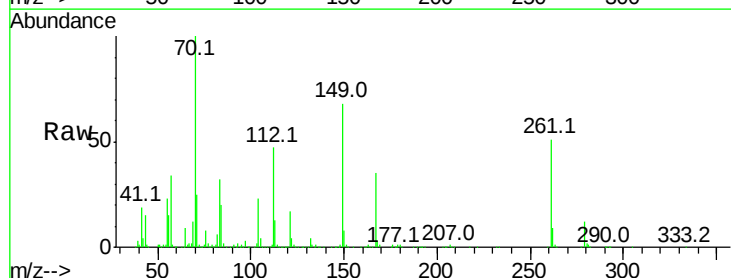
Tgt Ion:149 Resp: 310614

Ion Ratio Lower Upper

149 100

167 51.2 1.2 1.8#

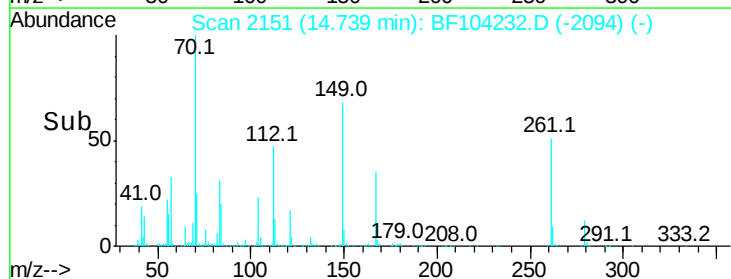
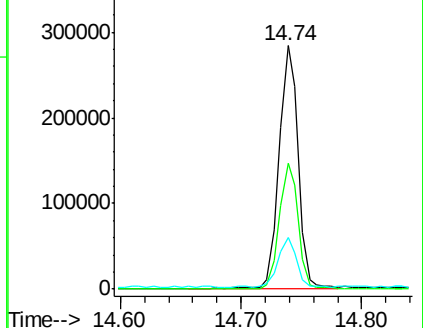
43 20.6 8.4 12.6#

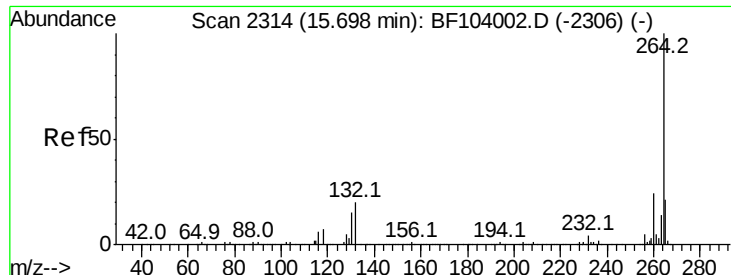


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

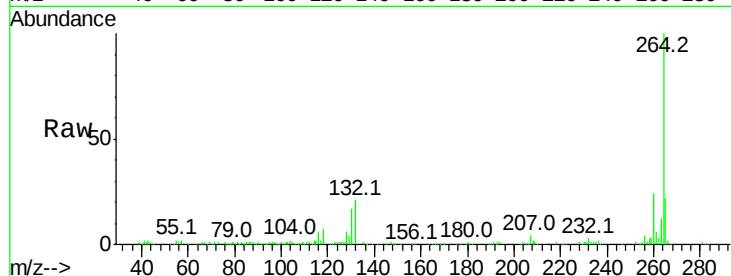




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104232.D
 Acq: 4 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 255229
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 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

