

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104085.D
 Acq On : 30 Mar 2018 7:29
 Operator : JU/SJ
 Sample : J2113-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 08:36:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

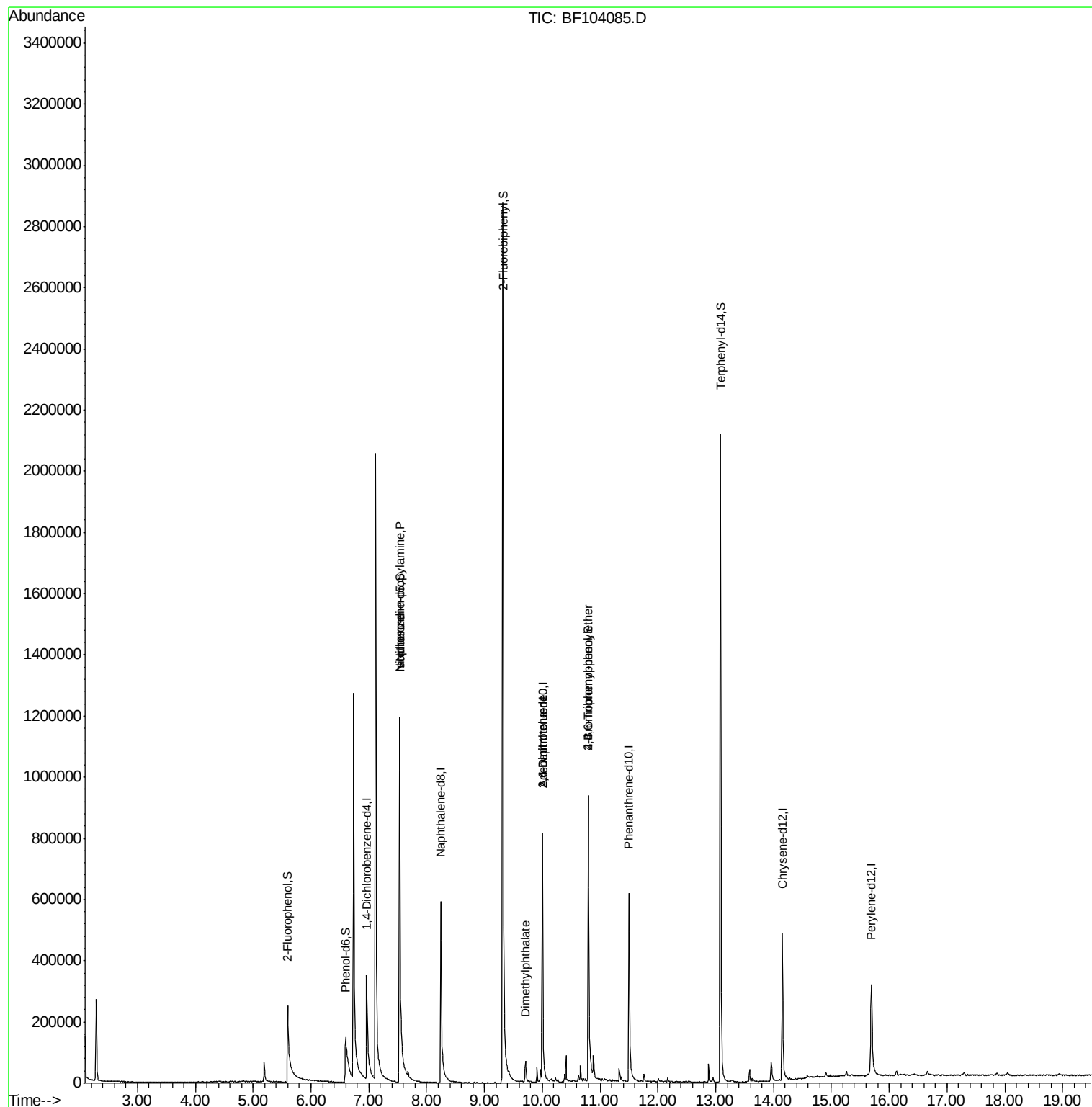
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114382	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488931	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	213795	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	346840	20.00	ng	0.00
75) Chrysene-d12	14.15	240	239771	20.00	ng	0.00
86) Perylene-d12	15.69	264	217390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	222781	31.06	ng	0.00
7) Phenol-d6	6.60	99	205216	23.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	697668	87.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	175551	73.74	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1330711	98.15	ng	0.00
78) Terphenyl-d14	13.09	244	932367	89.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	85419	16.311	ng	# 71
25) Isophorone	7.53	82	697668	47.352	ng	# 64
49) Dimethylphthalate	9.71	163	41201	2.441	ng	100
50) 2,6-Dinitrotoluene	10.00	165	26546	7.310	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	26714	5.765	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	10420	2.808	ng	# 1

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

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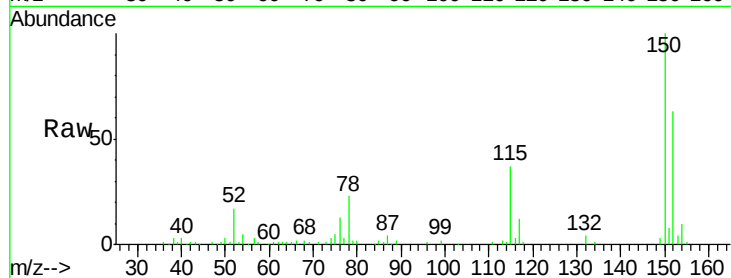


#1

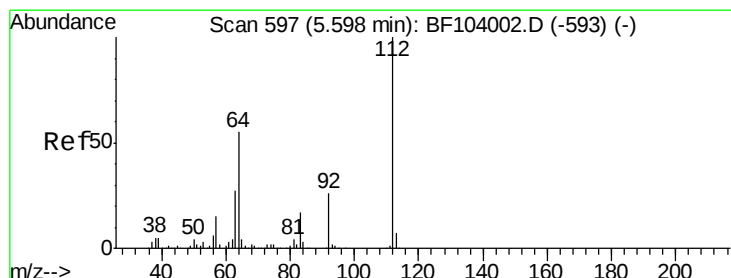
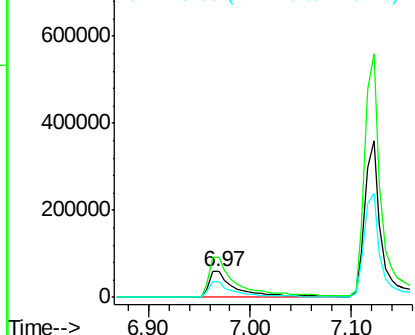
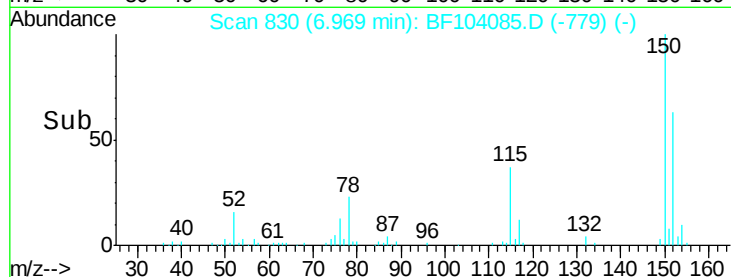
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	59.3	50.1	75.1



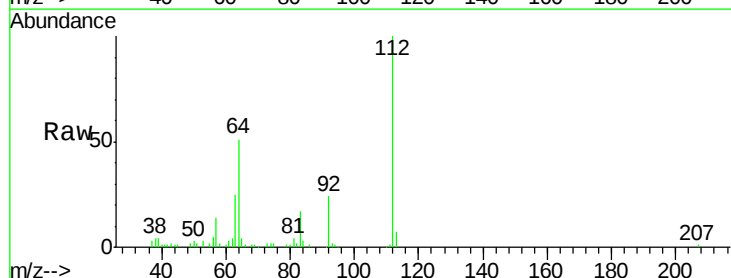
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



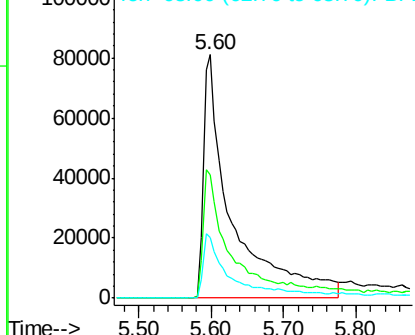
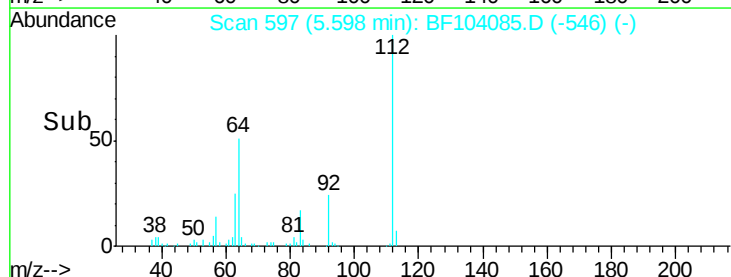
#5

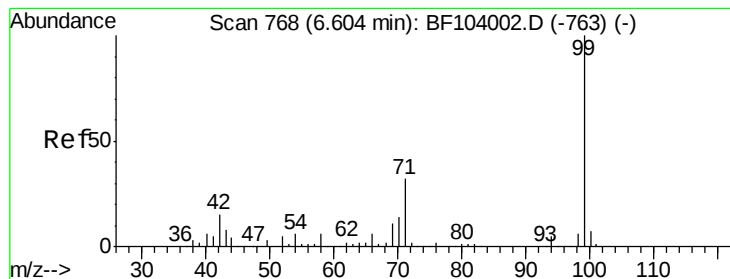
2-Fluorophenol
 Concen: 31.061 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.9	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: 23.256 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

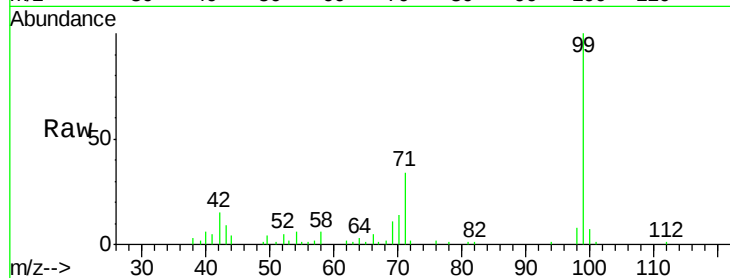
Tot Ion: 99 Resp: 205216

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

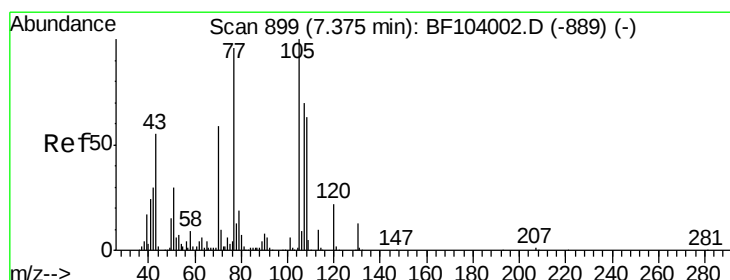
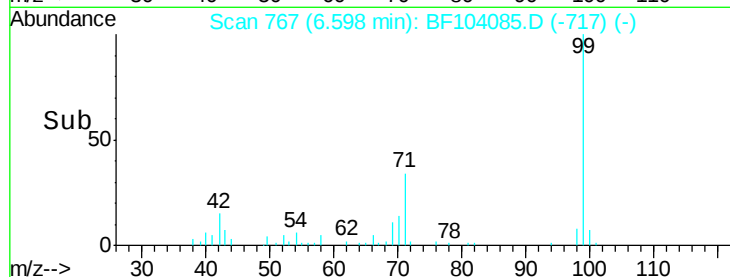
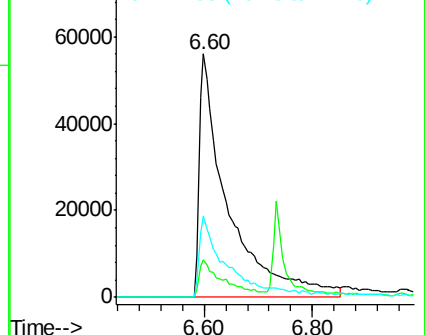
71 33.6 25.4 38.0



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: 16.311 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Tgt Ion: 70 Resp: 85419

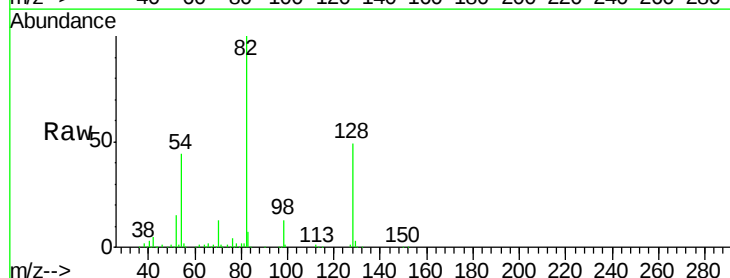
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

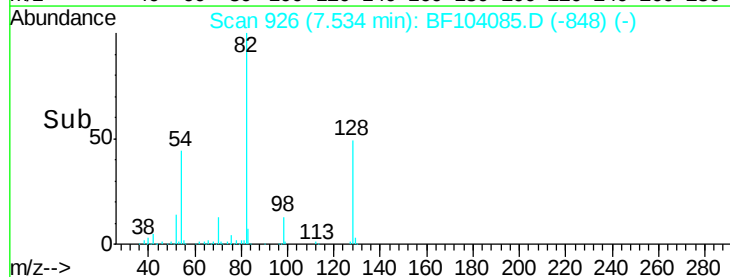
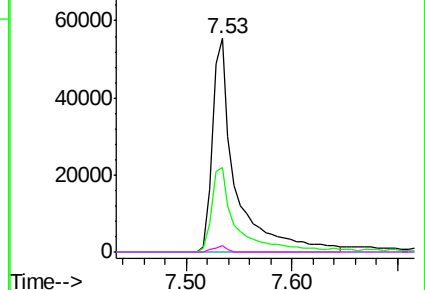


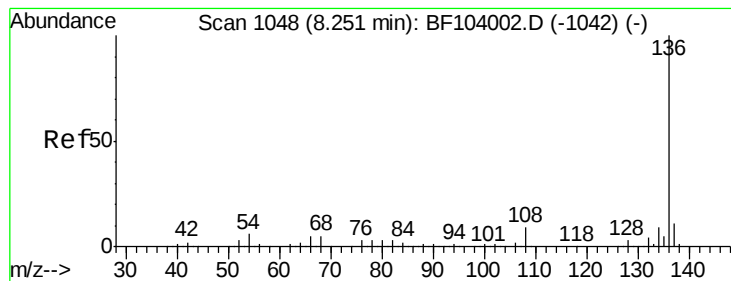
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 488931

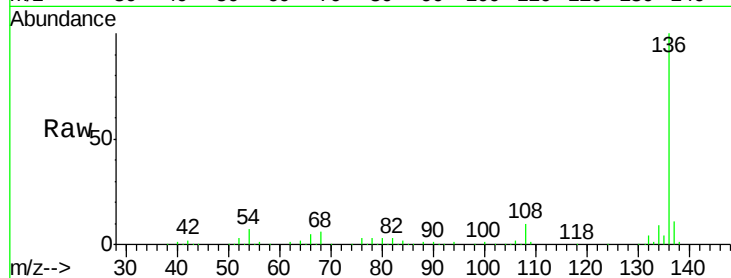
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

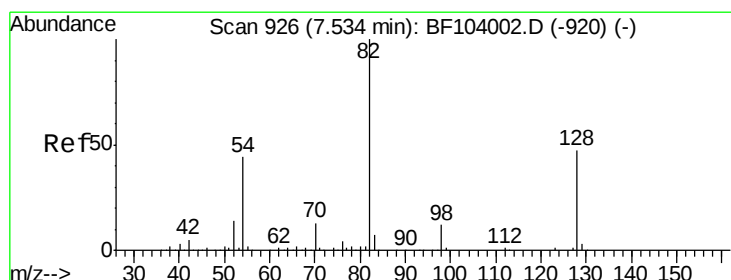
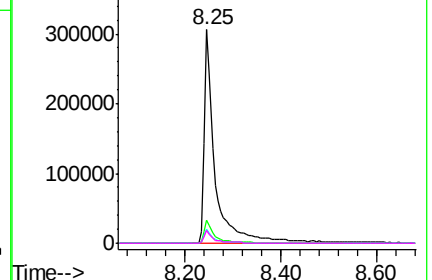
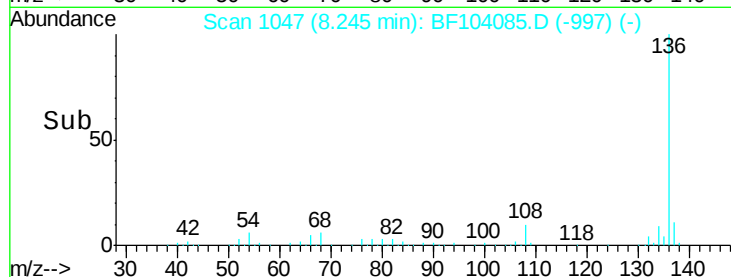


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.264 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

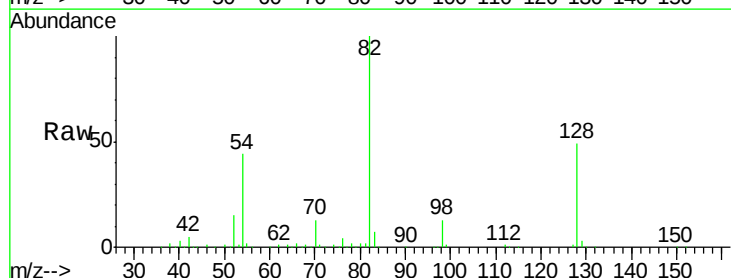
Tgt Ion: 82 Resp: 697668

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

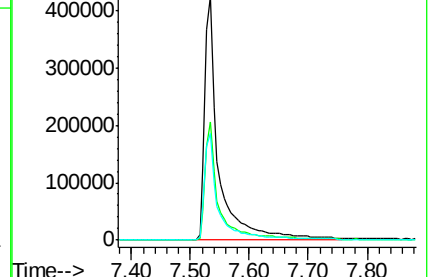
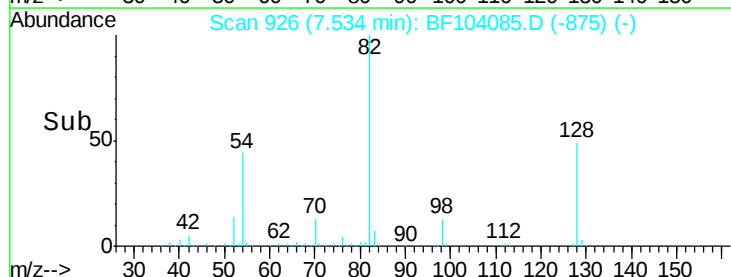
54 44.1 41.4 62.2

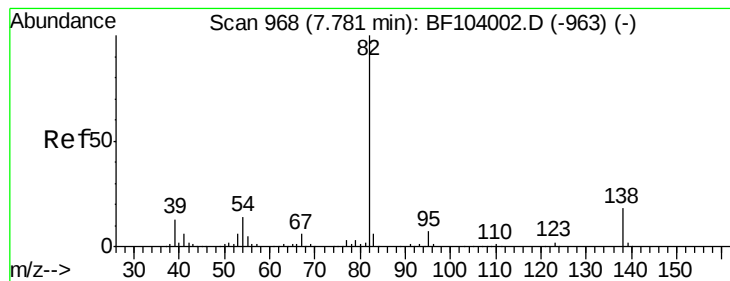


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.352 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :

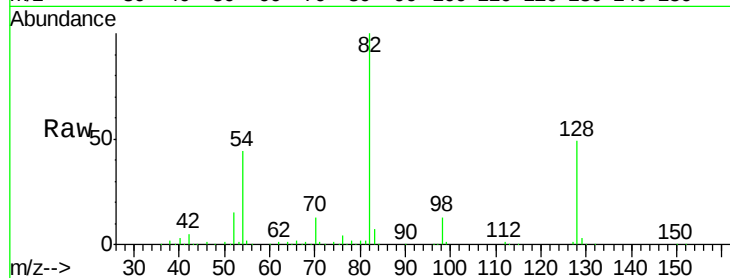
Tot Ion: 82 Resp: 697668

Ion Ratio Lower Upper

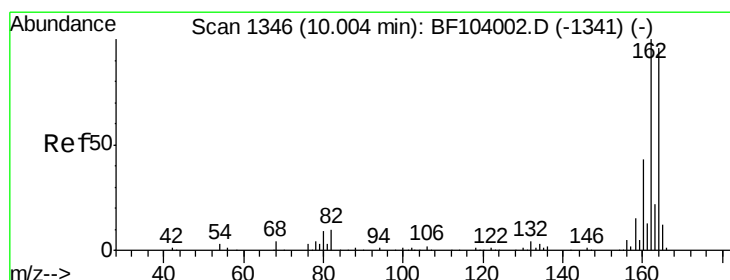
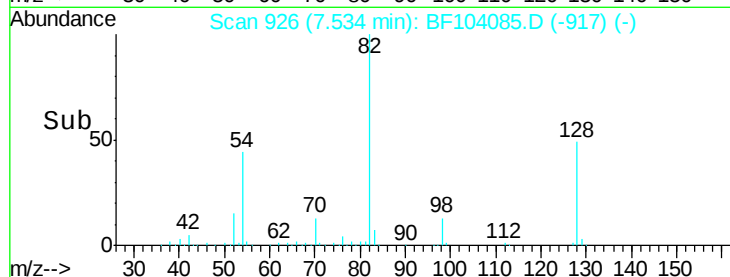
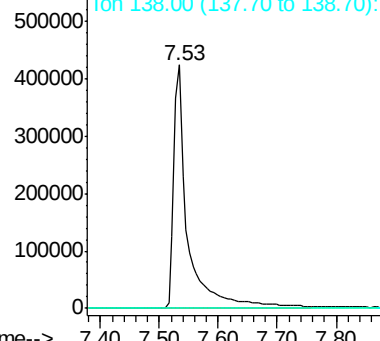
82 100

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# 1346

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

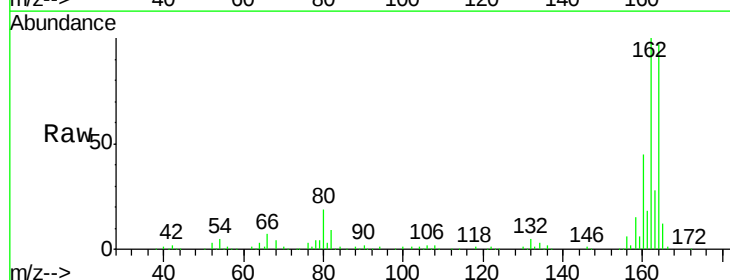
Tgt Ion: 164 Resp: 213795

Ion Ratio Lower Upper

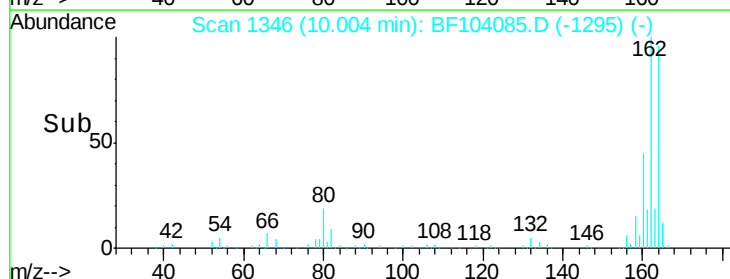
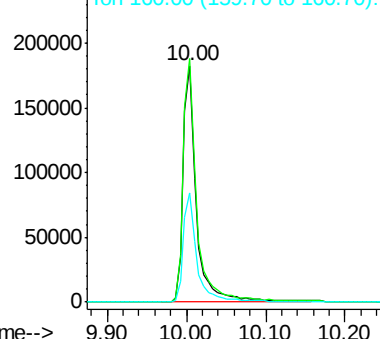
164 100

162 102.9 86.1 129.1

160 46.1 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

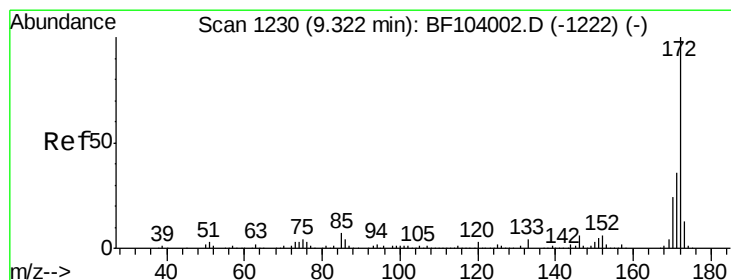
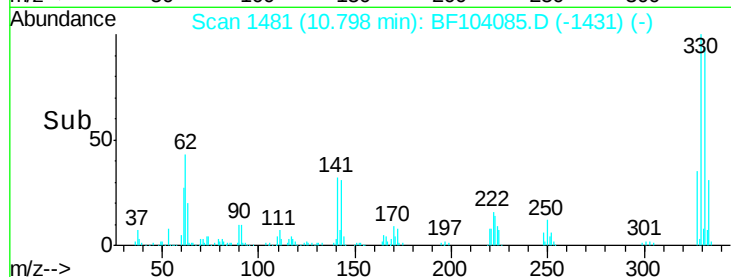
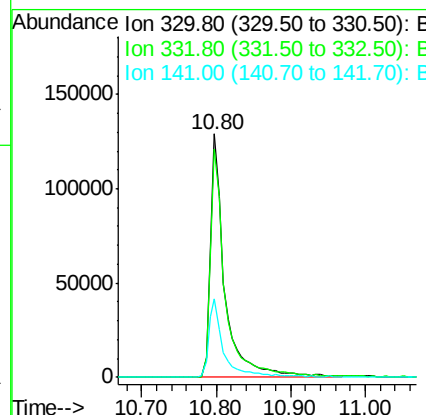
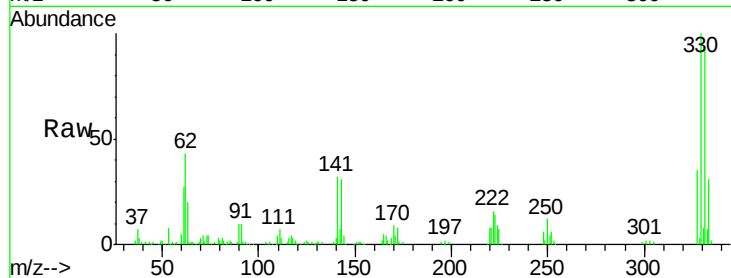




#41
 2,4,6-Tribromophenol
 Concen: 73.742 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

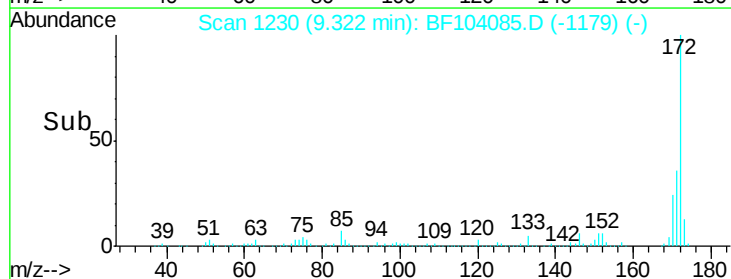
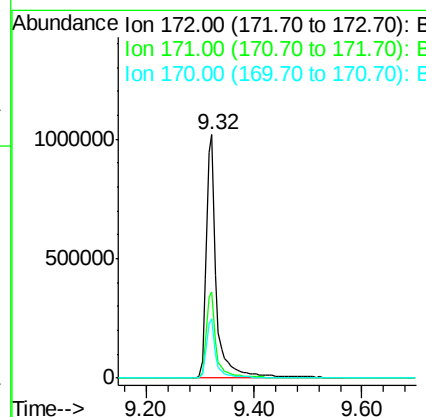
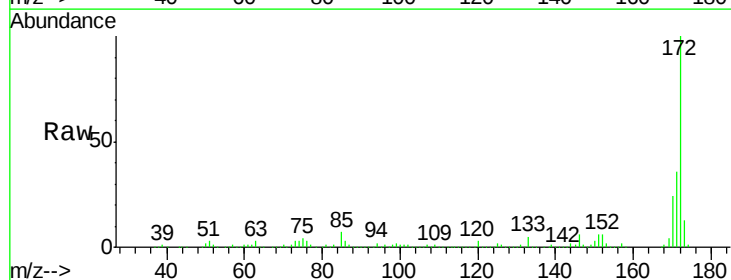
Instrument :
 BNA_F
 ClientSampleId :

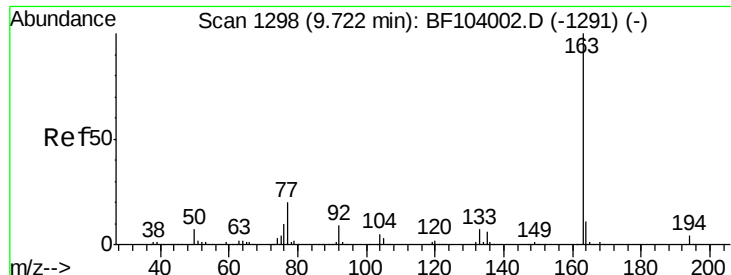
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.151 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4

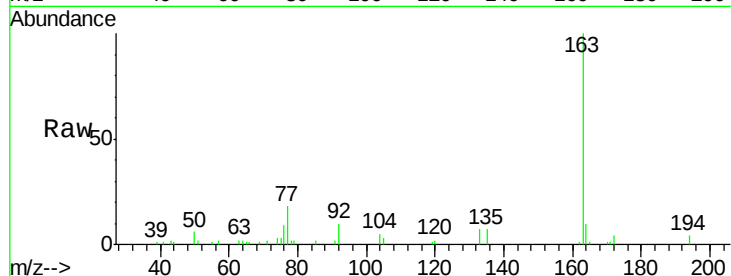




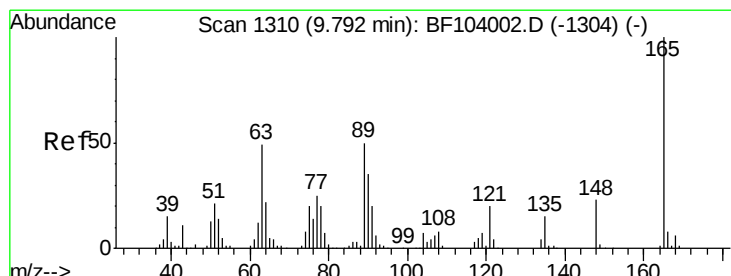
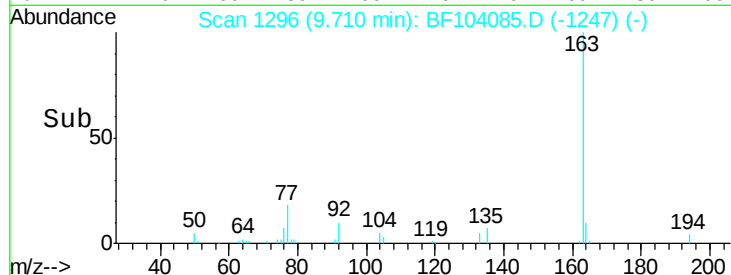
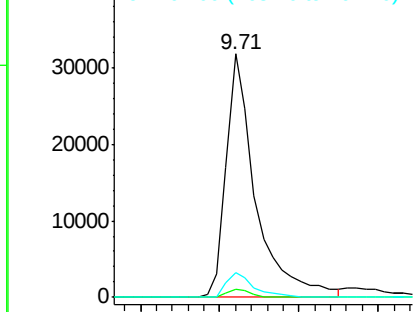
#49
Dimethylphthalate
Concen: 2.441 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104085.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 41201
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

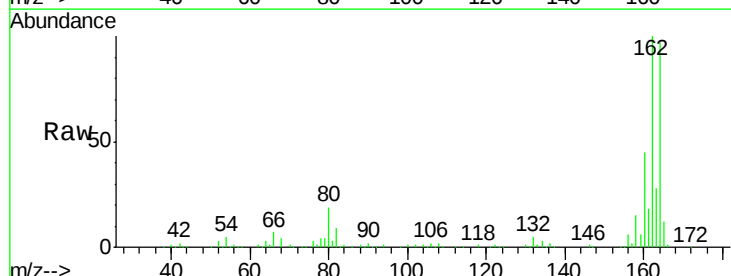


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

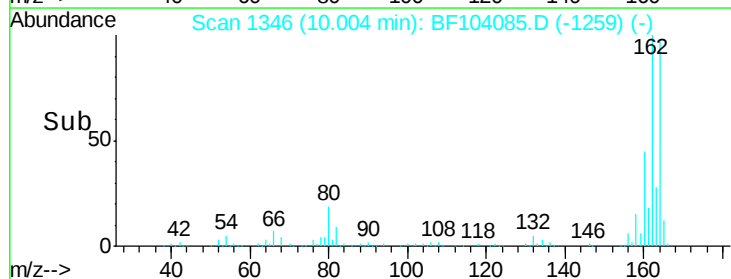
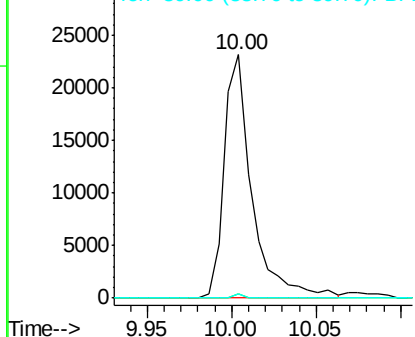


#50
2,6-Dinitrotoluene
Concen: 7.310 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104085.D
Acq: 30 Mar 2018 7:29

Tgt Ion:165 Resp: 26546
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.6 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: 5.765 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

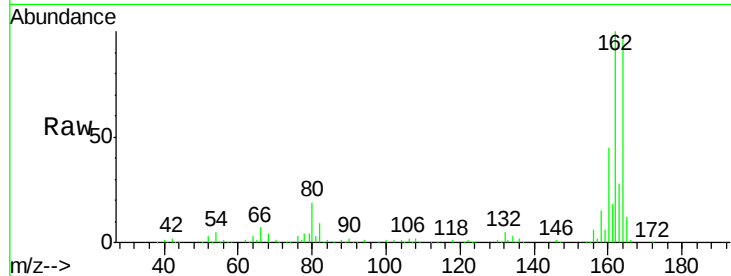
Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 26714

Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.6 57.8 86.6#

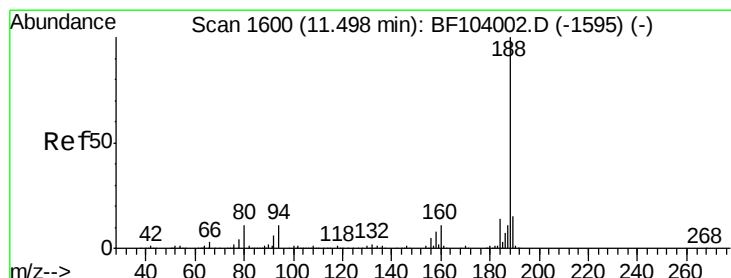
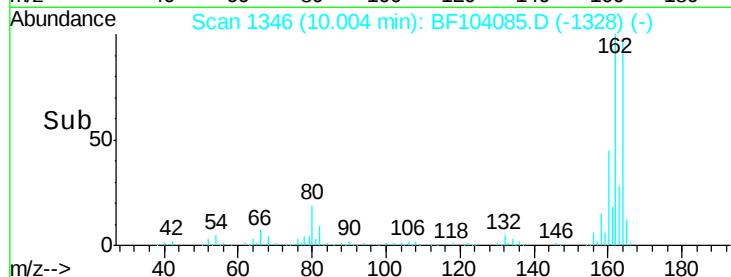
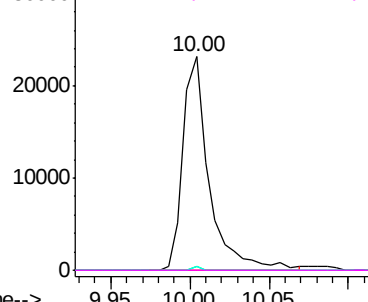
182 0.0 1.6 2.4#

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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104085.D

Acq: 30 Mar 2018 7:29

Tgt Ion:188 Resp: 346840

Ion Ratio Lower Upper

188 100

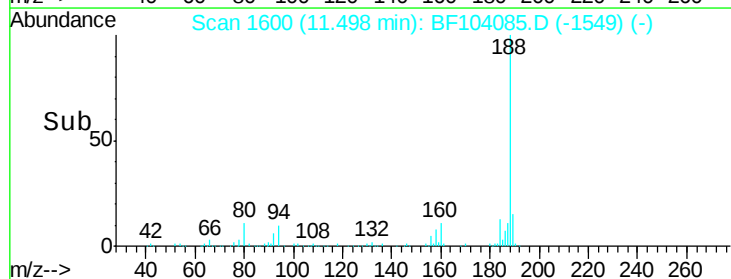
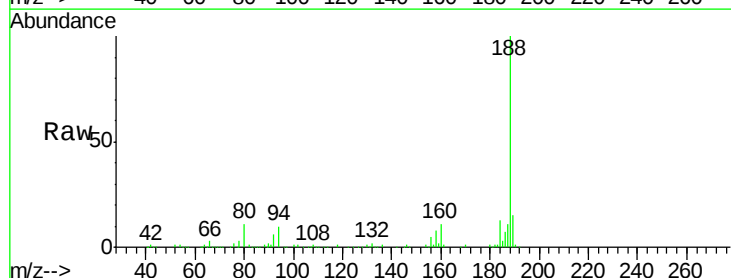
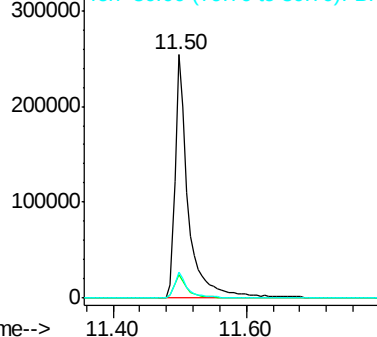
94 9.8 8.5 12.7

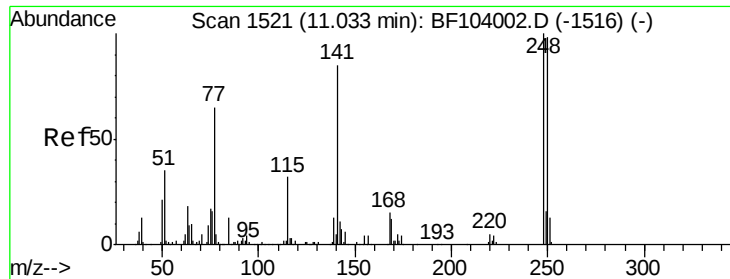
80 10.8 9.2 13.8

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

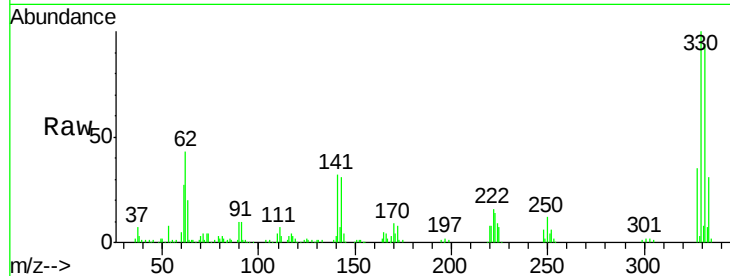




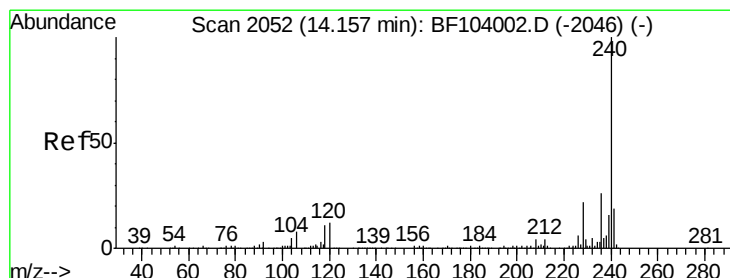
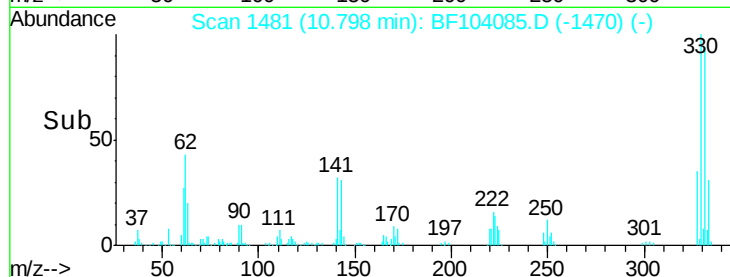
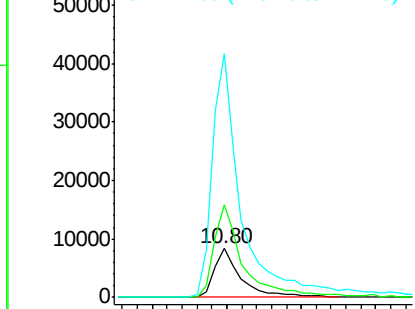
#66
 4-Bromophenyl-phenylether
 Concen: 2.808 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 10420
 Ion Ratio Lower Upper
 248 100
 250 189.0 76.9 115.3#
 141 500.0 74.4 111.6#

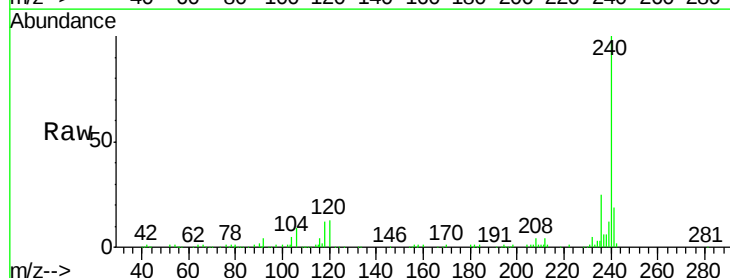


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

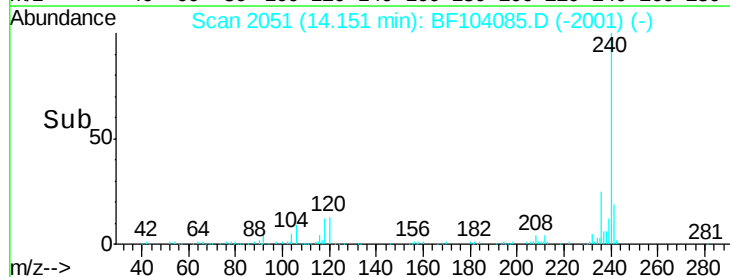
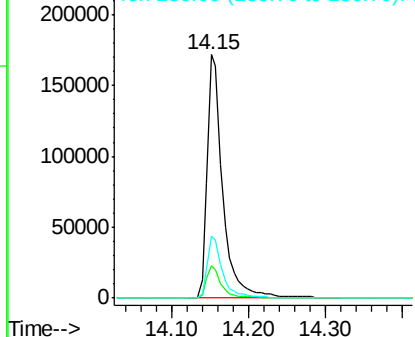


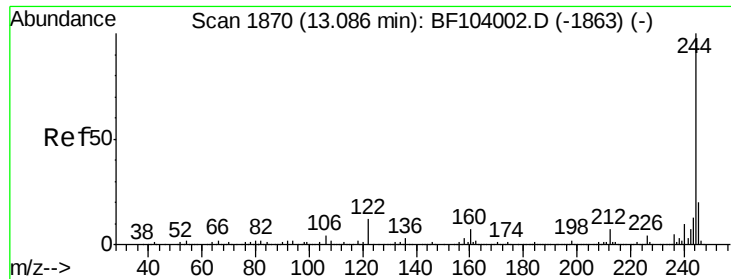
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Tgt Ion:240 Resp: 239771
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.3 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

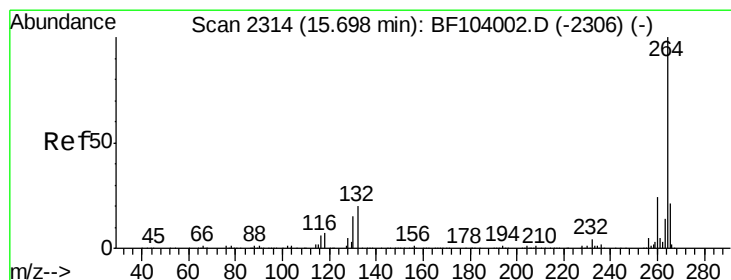
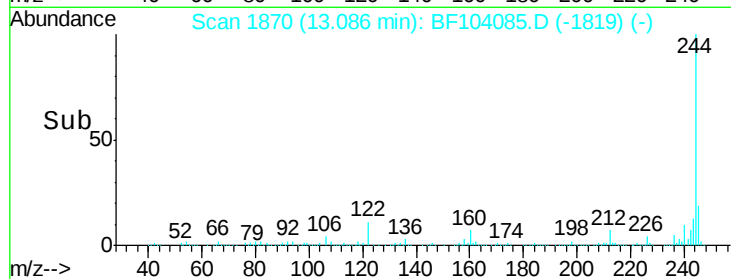
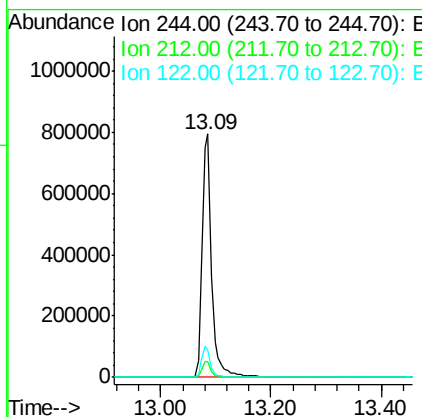
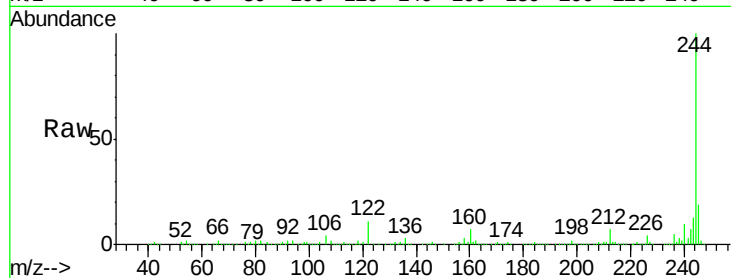




#78
 Terphenyl-d14
 Concen: 89.785 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104085.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

