

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104060.D
 Acq On : 29 Mar 2018 19:21
 Operator : JU/SJ
 Sample : J2093-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:52:37 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

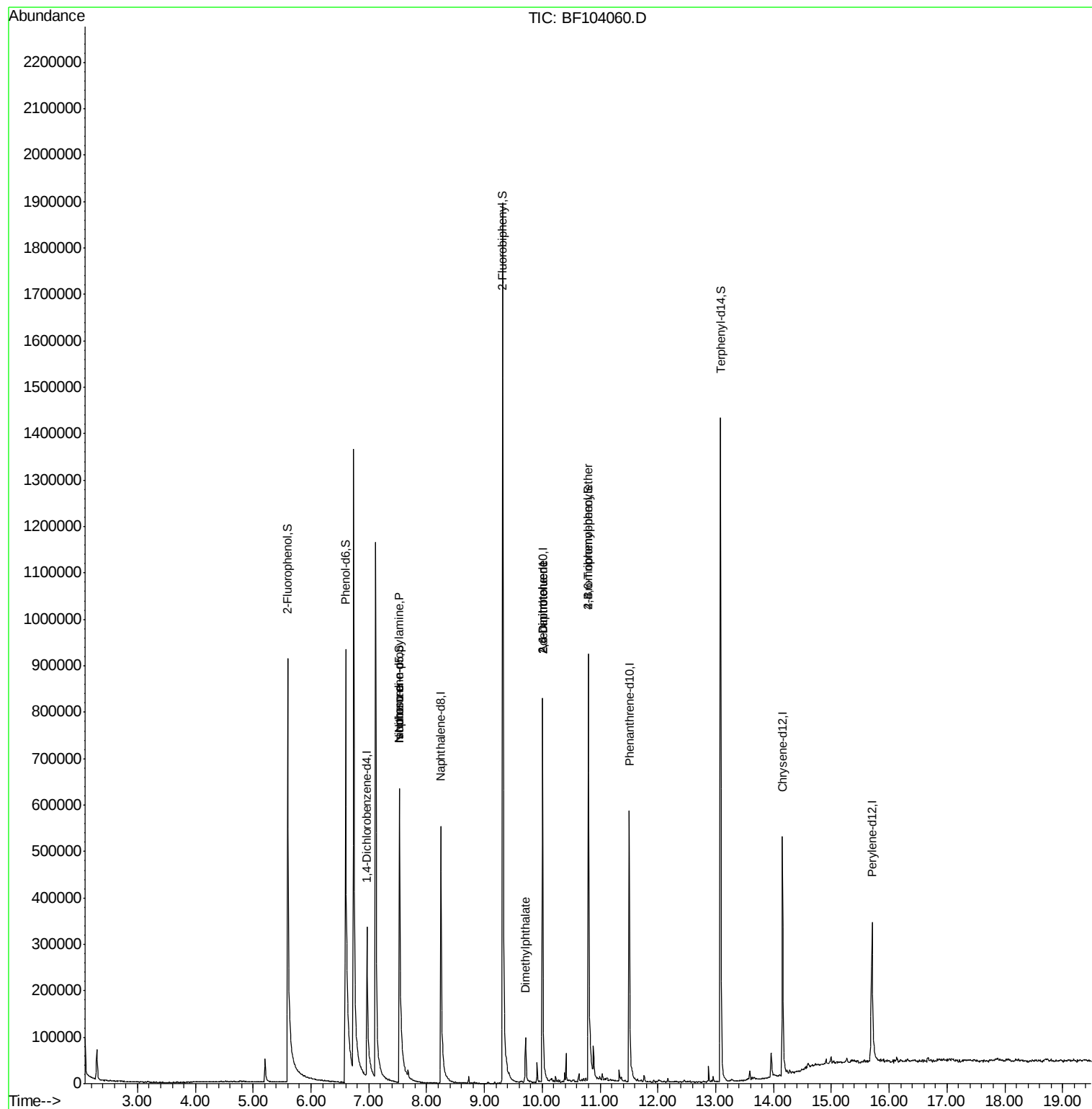
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107310	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	455882	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	206248	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	337856	20.00	ng	0.00
75) Chrysene-d12	14.16	240	224609	20.00	ng	0.00
86) Perylene-d12	15.70	264	207733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	543708	80.80	ng	0.00
7) Phenol-d6	6.60	99	721697	87.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	433054	58.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	171676	74.75	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	825279	63.10	ng	0.00
78) Terphenyl-d14	13.09	244	627339	64.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	51747	10.533	ng	# 72
25) Isophorone	7.53	82	433054	31.523	ng	# 64
49) Dimethylphthalate	9.71	163	58957	3.621	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	25228	7.201	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	25339	5.668	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	9774	2.704	ng	# 1

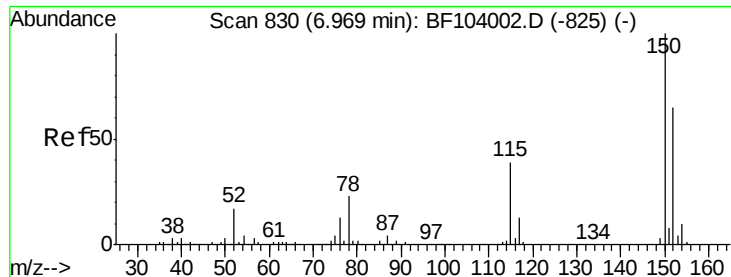
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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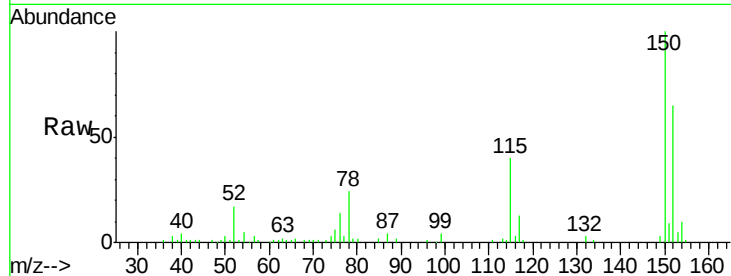


#1

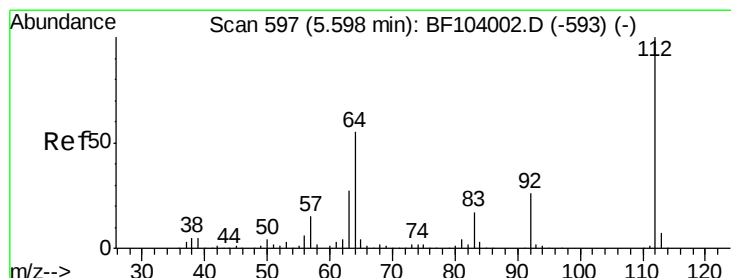
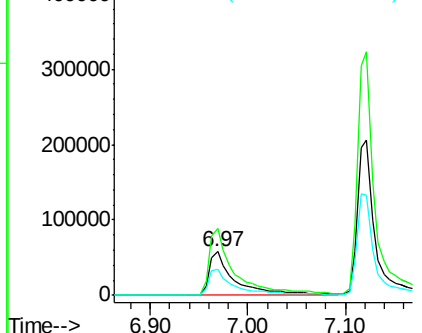
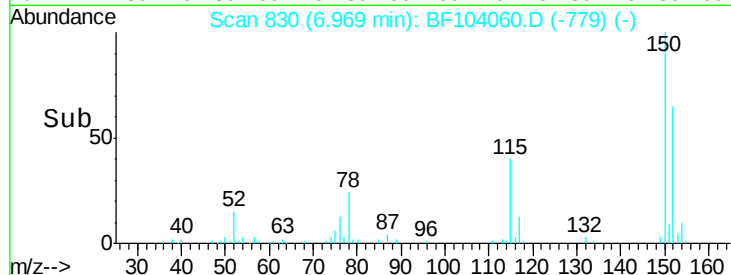
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107310
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 60.9 50.1 75.1



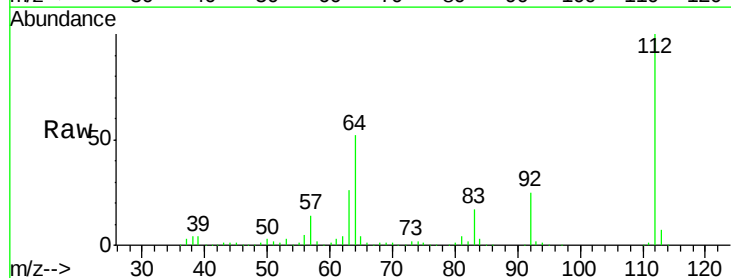
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



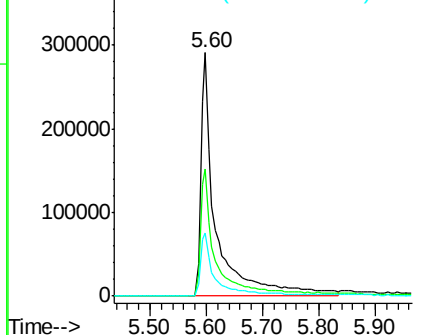
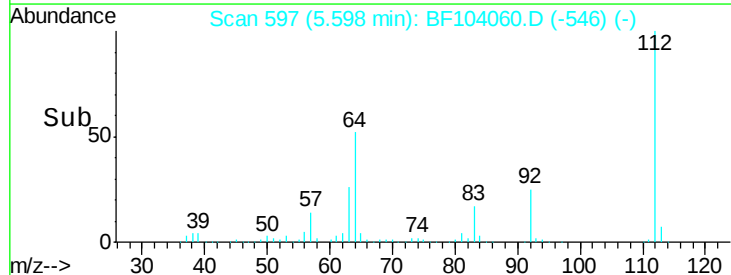
#5

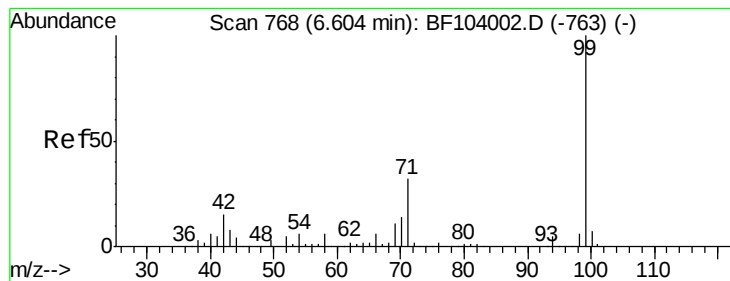
2-Fluorophenol
Concen: 80.801 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Tgt Ion:112 Resp: 543708
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 26.2 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: 87.176 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104060.D

Acq: 29 Mar 2018 19:21

Instrument :

BNA_F

ClientSampleId :

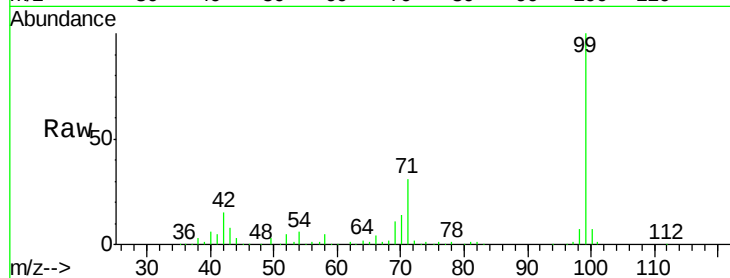
Tot Ion: 99 Resp: 721697

Ion Ratio Lower Upper

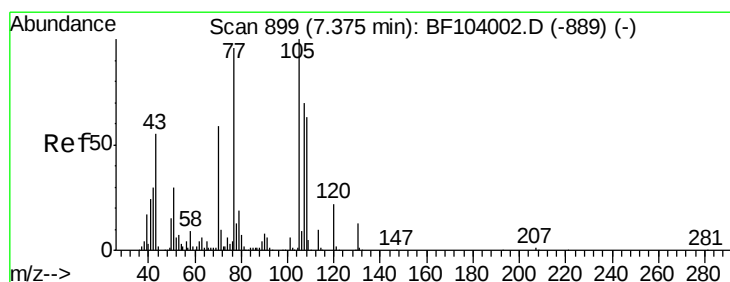
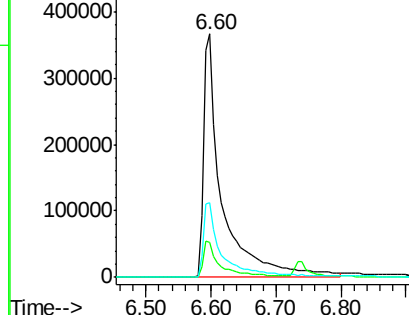
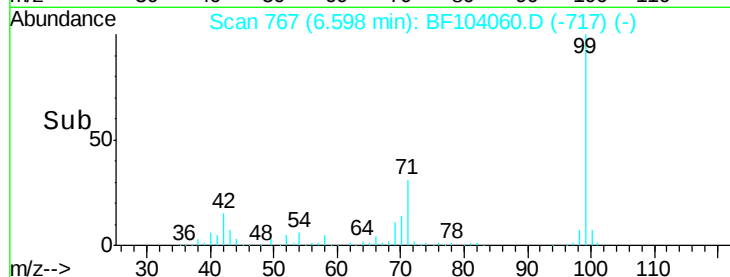
99 100

42 14.6 14.5 21.7

71 30.6 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: 10.533 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104060.D

Acq: 29 Mar 2018 19:21

Tgt Ion: 70 Resp: 51747

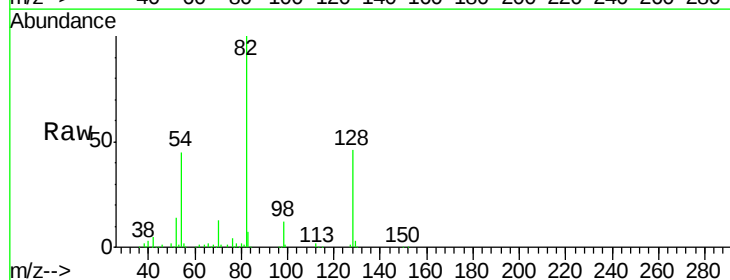
Ion Ratio Lower Upper

70 100

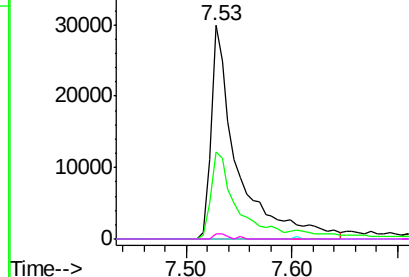
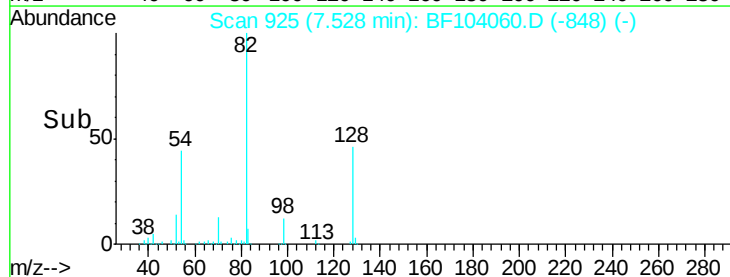
42 41.0 47.5 71.3#

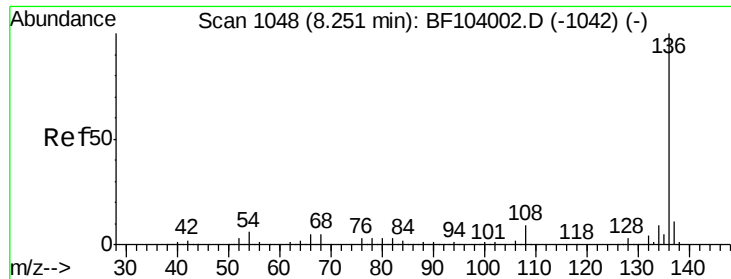
101 0.0 7.4 11.2#

130 2.5 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: BF104060.D

Acq: 29 Mar 2018 19:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 455882

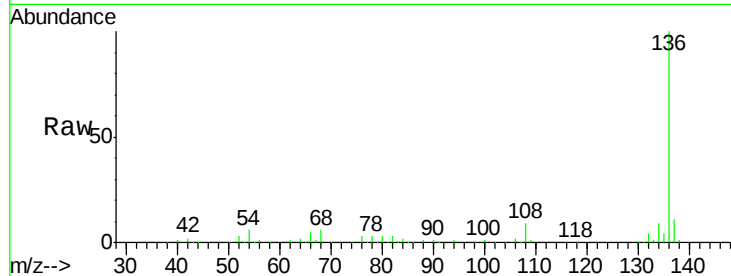
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

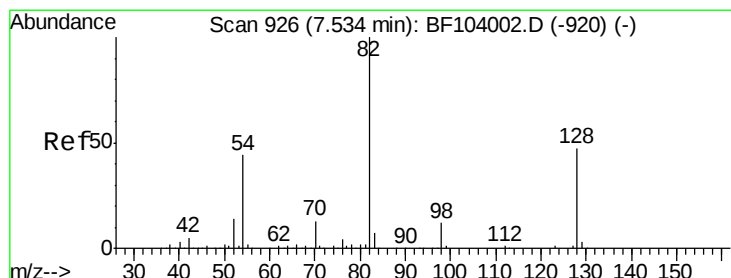
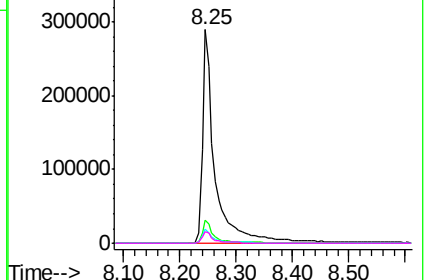
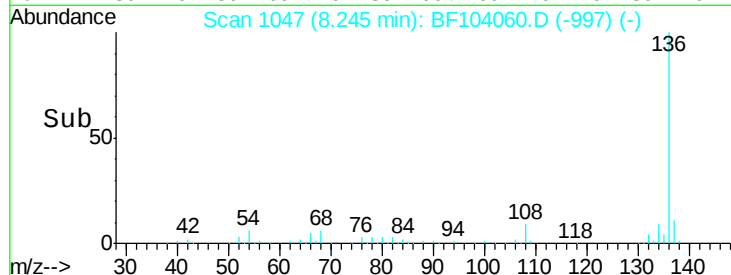


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.093 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104060.D

Acq: 29 Mar 2018 19:21

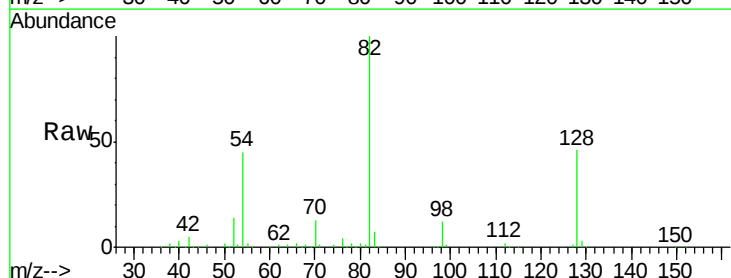
Tgt Ion: 82 Resp: 433054

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

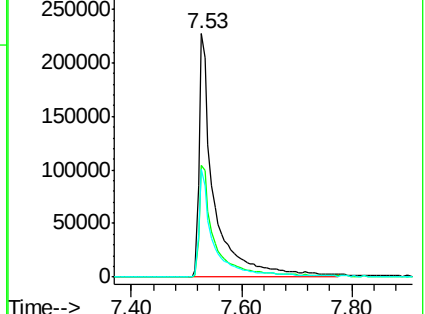
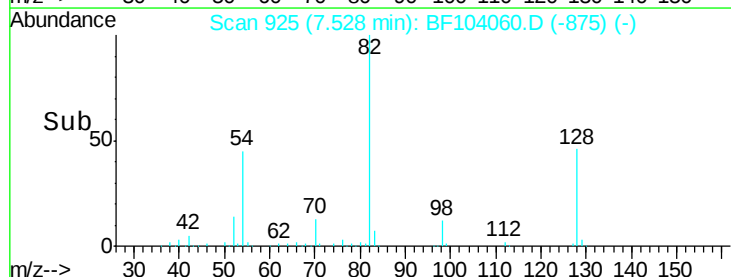
54 44.5 41.4 62.2

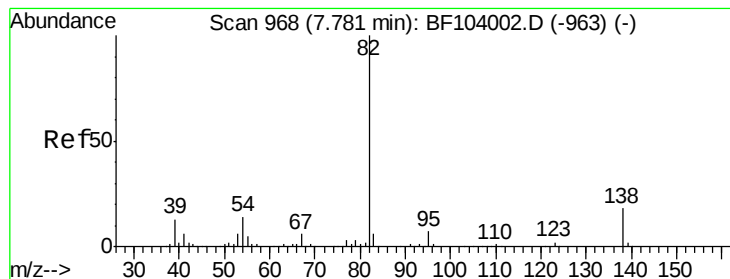


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.523 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104060.D

Acq: 29 Mar 2018 19:21

Instrument :

BNA_F

ClientSampleId :

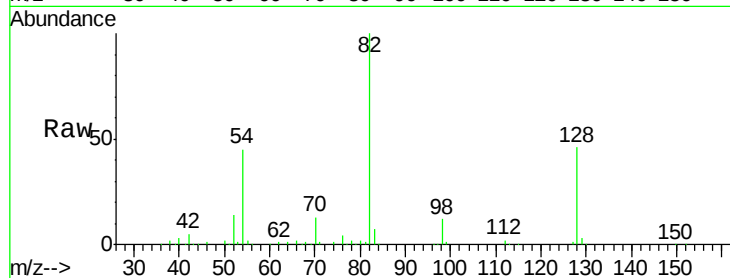
Tot Ion: 82 Resp: 433054

Ion Ratio Lower Upper

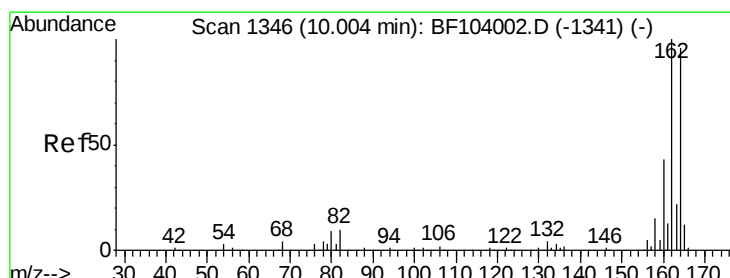
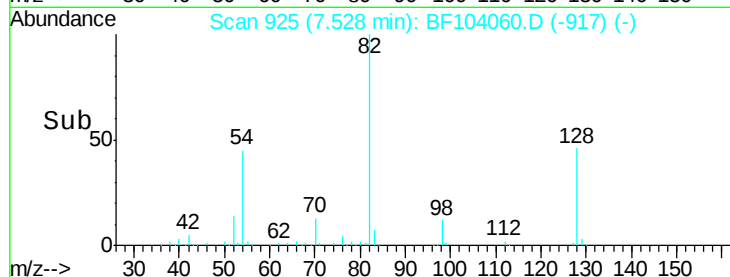
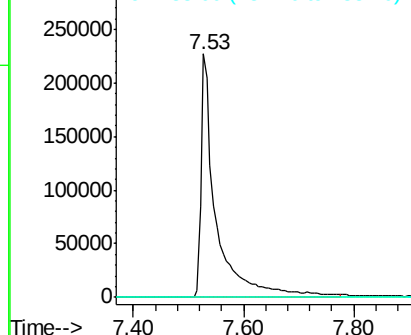
82 100

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: BF104060.D

Acq: 29 Mar 2018 19:21

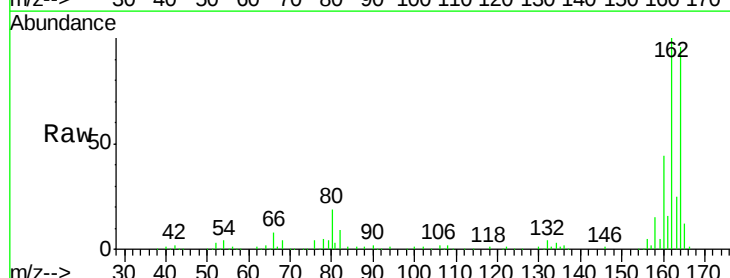
Tgt Ion:164 Resp: 206248

Ion Ratio Lower Upper

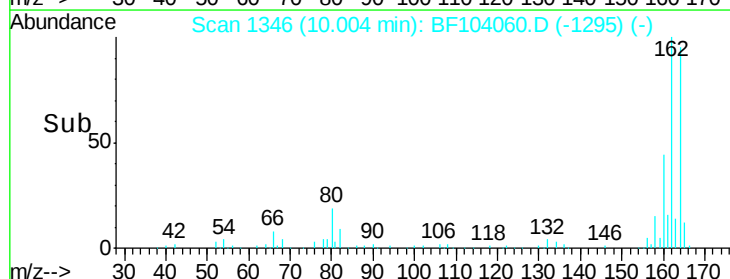
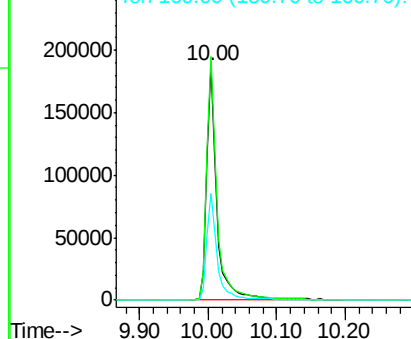
164 100

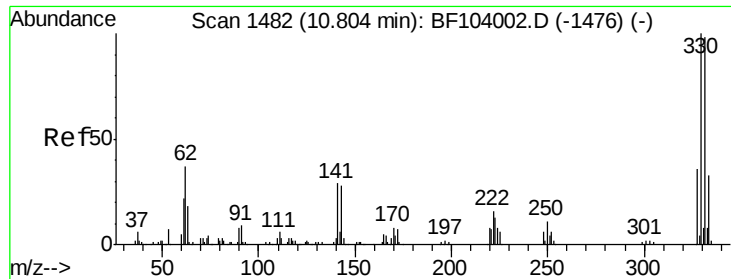
162 103.8 86.1 129.1

160 45.5 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

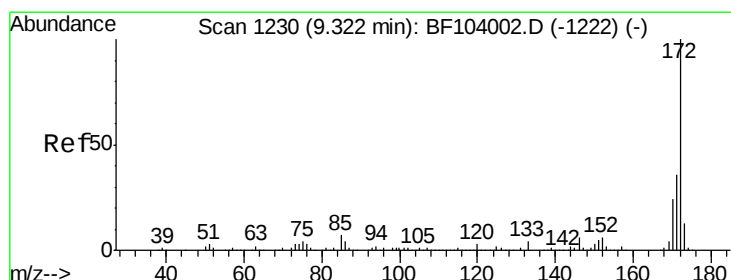
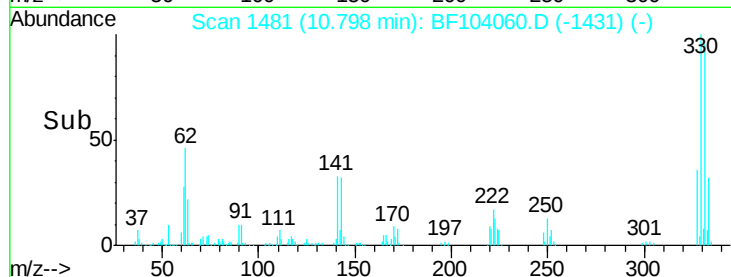
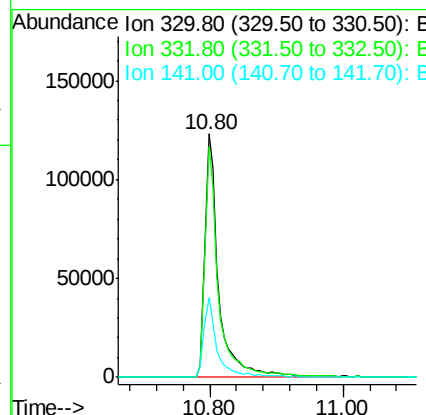
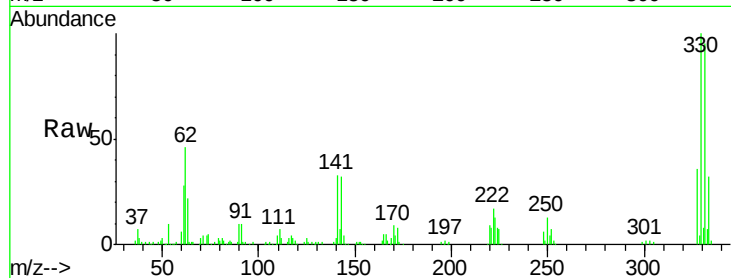




#41
 2,4,6-Tribromophenol
 Concen: 74.753 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104060.D
 Acq: 29 Mar 2018 19:21

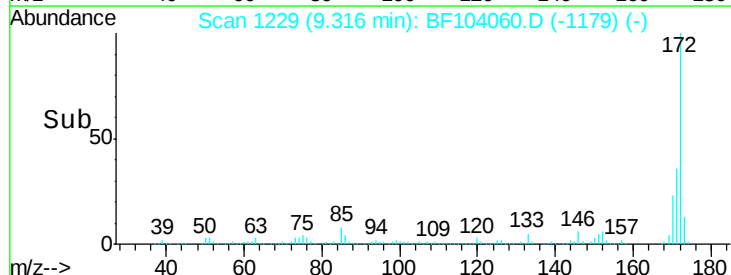
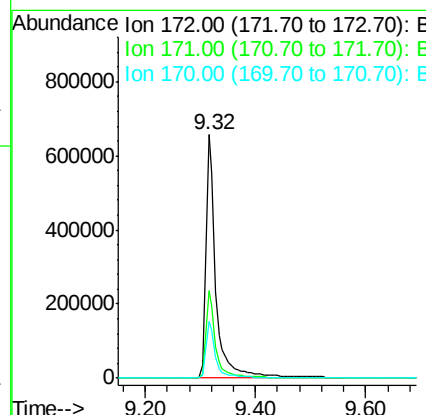
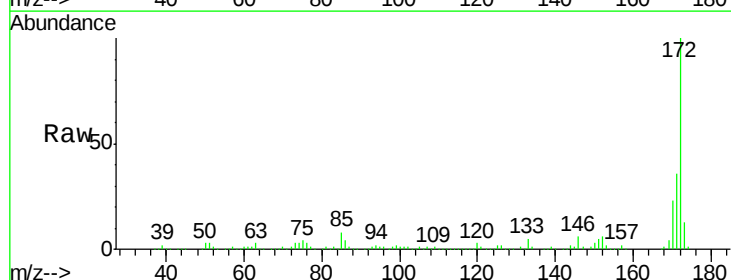
Instrument :
 BNA_F
 ClientSampleId :

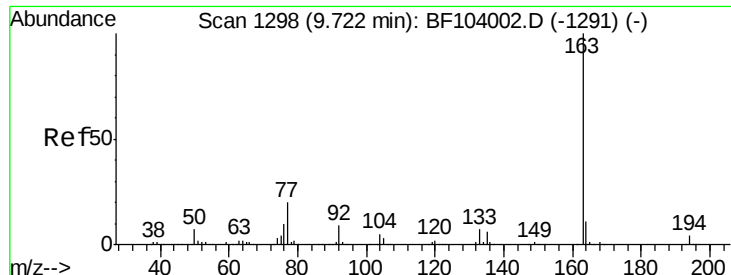
Tot Ion	330	Resp	171676
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	94.3		
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.099 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104060.D
 Acq: 29 Mar 2018 19:21

Tgt Ion	172	Resp	825279
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	35.7		
170	23.2	19.6	29.4

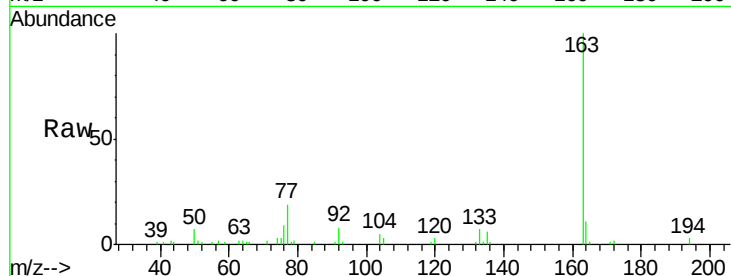




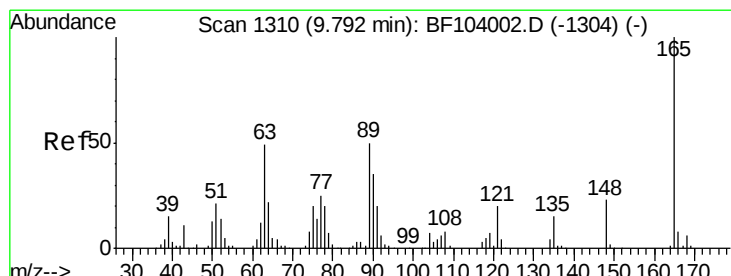
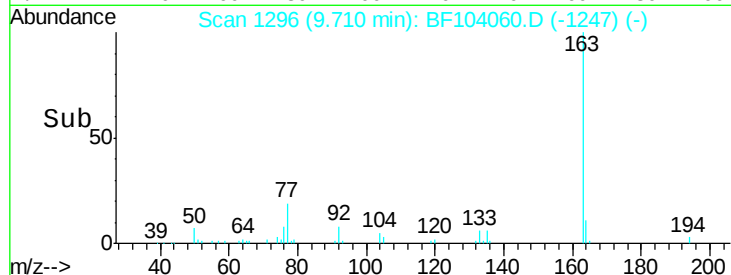
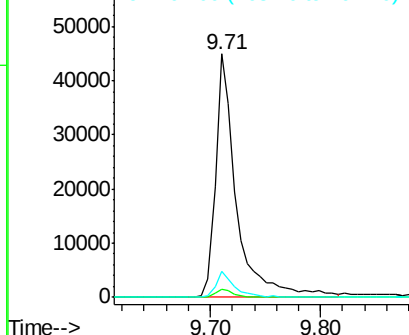
#49
Dimethylphthalate
Concen: 3.621 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 58957
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 8.2 12.2

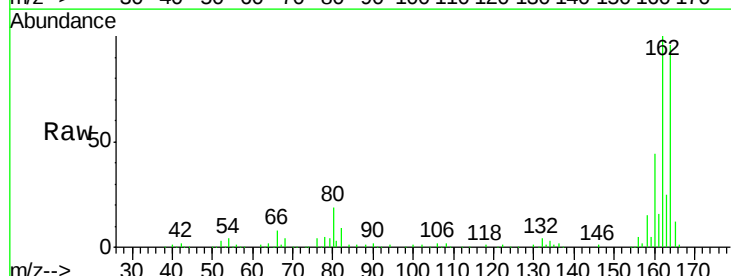


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

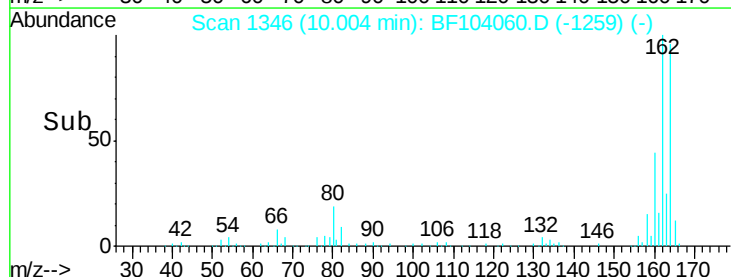
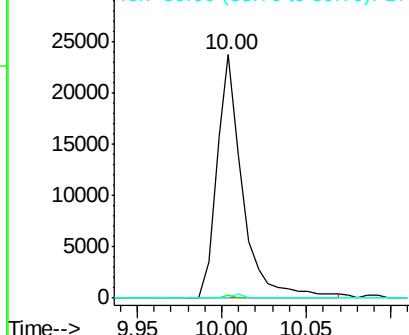


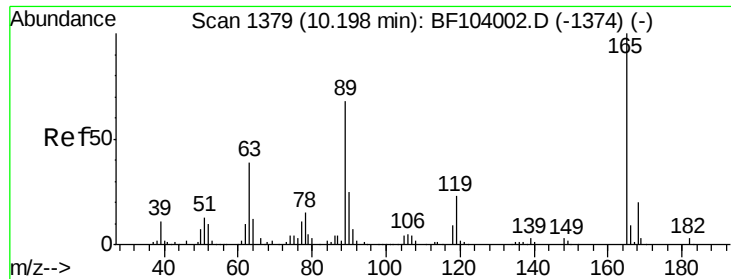
#50
2,6-Dinitrotoluene
Concen: 7.201 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Tgt Ion:165 Resp: 25228
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 0.0 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

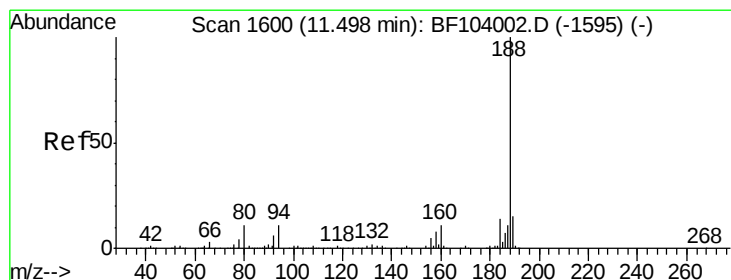
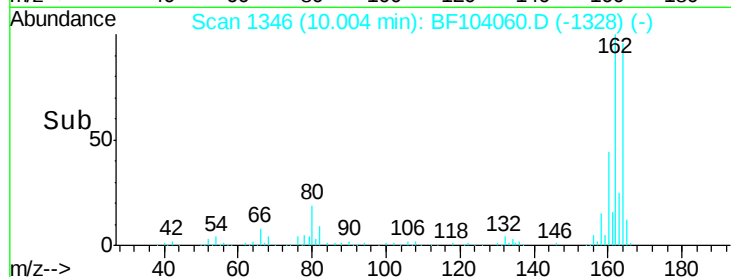
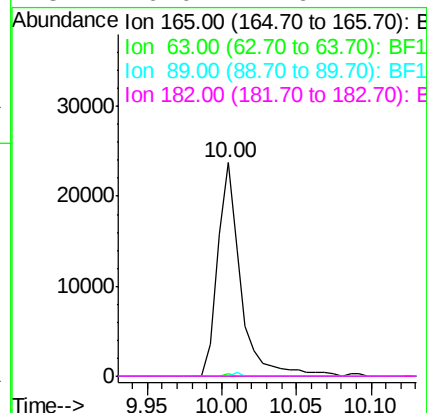
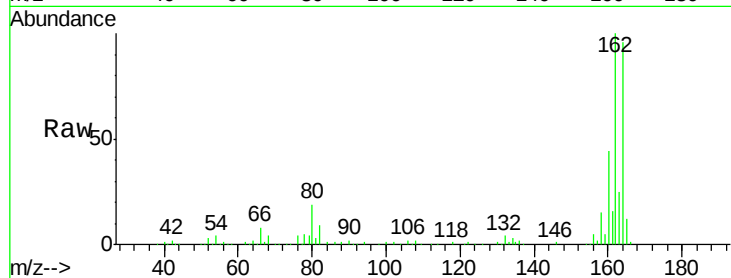




#56
2,4-Dinitrotoluene
Concen: 5.668 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

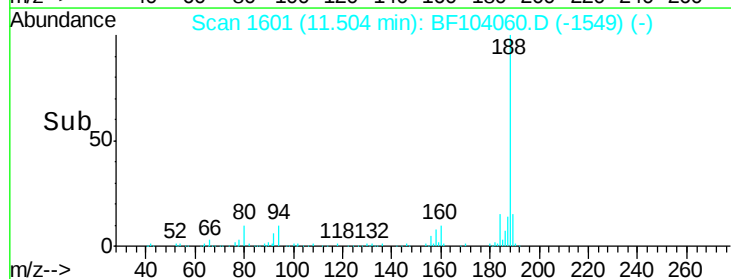
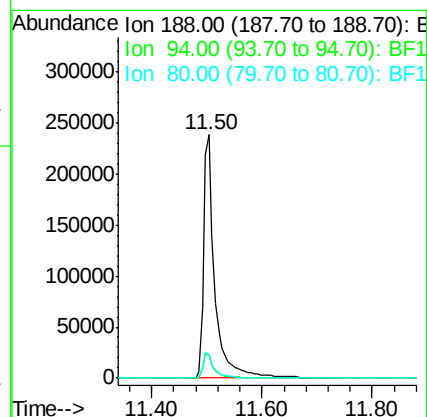
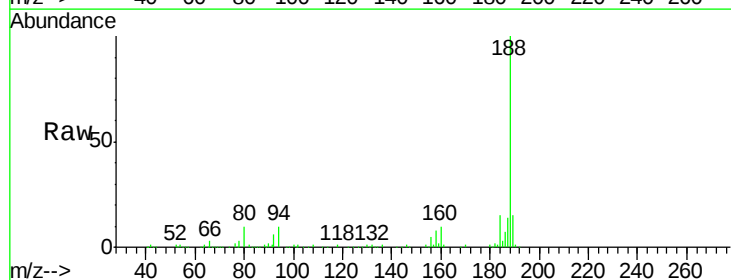
Instrument :
BNA_F
ClientSampleId :

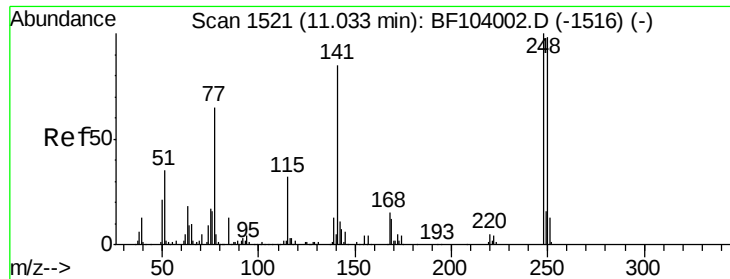
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8

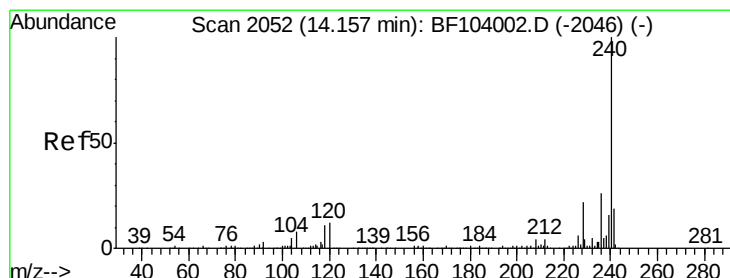
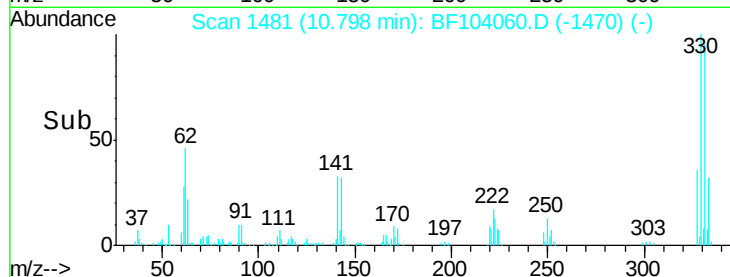
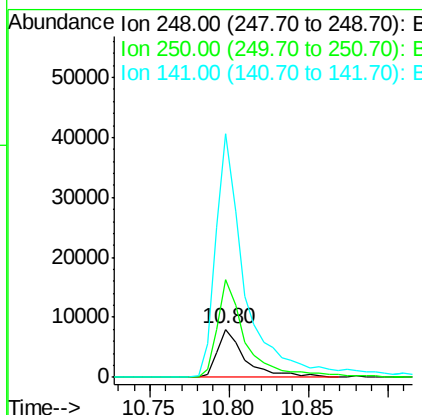
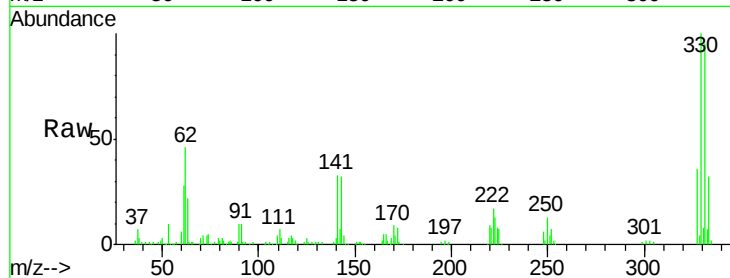




#66
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

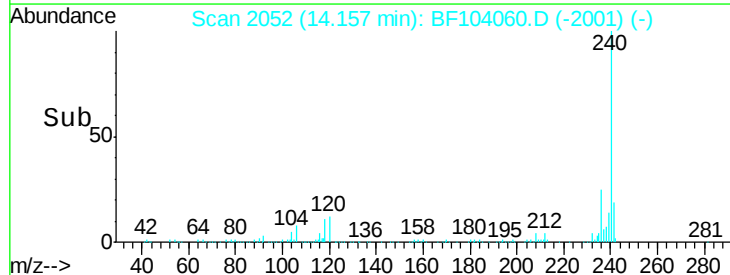
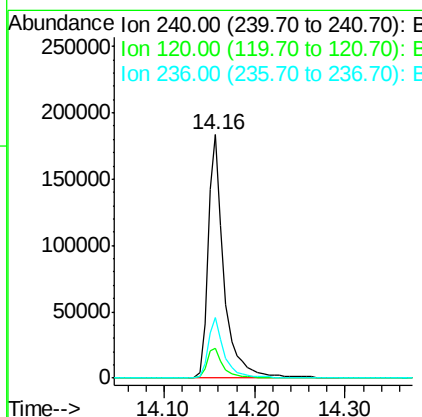
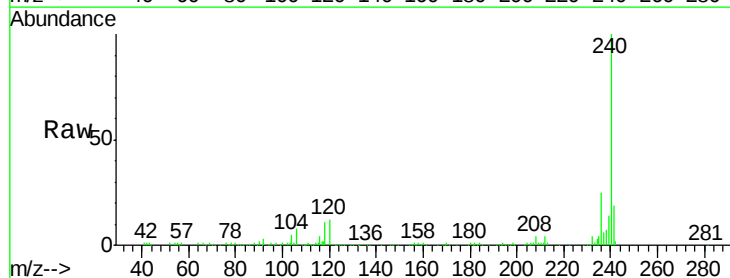
Instrument :
BNA_F
ClientSampled :

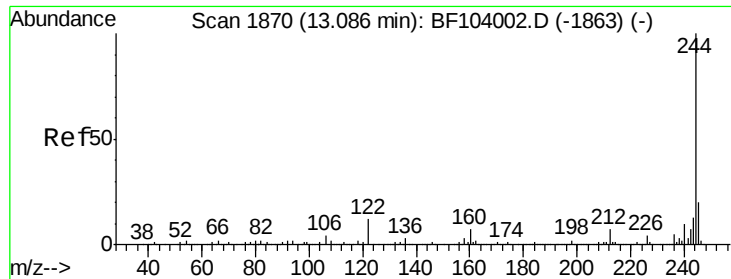
Tot Ion:248 Resp: 9774
Ion Ratio Lower Upper
248 100
250 203.8 76.9 115.3#
141 509.0 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104060.D
Acq: 29 Mar 2018 19:21

Tgt Ion:240 Resp: 224609
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.9 20.7 31.1

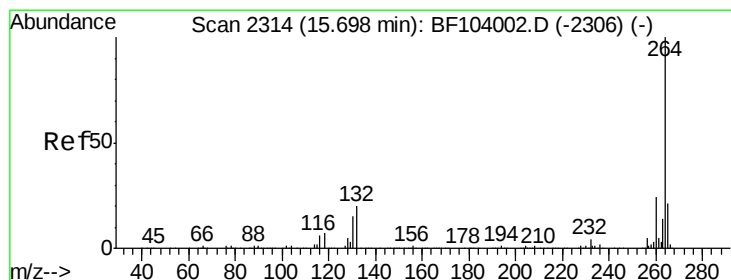
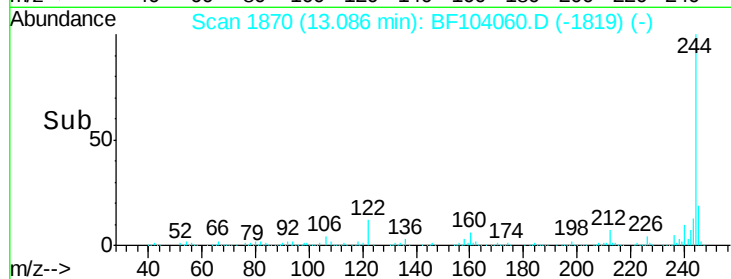
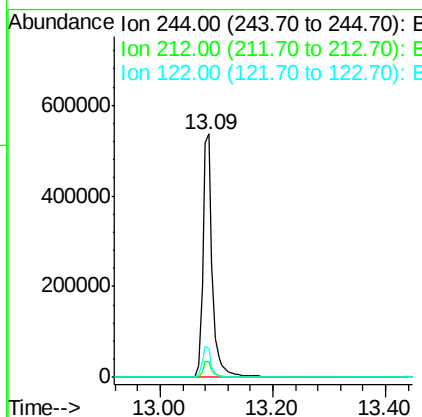
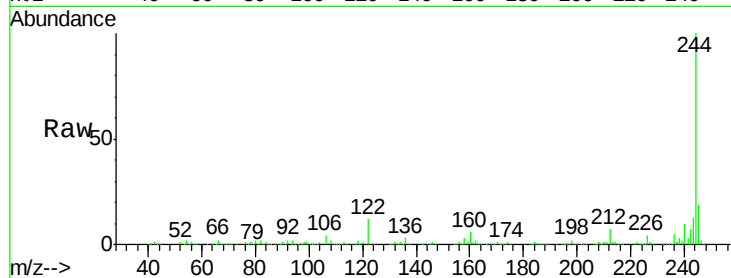




#78
 Terphenyl-d14
 Concen: 64.490 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104060.D
 Acq: 29 Mar 2018 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 627339
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.01 min
 Lab File: BF104060.D
 Acq: 29 Mar 2018 19:21

Tgt Ion:264 Resp: 207733
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.5 26.3

