

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104261.D
 Acq On : 5 Apr 2018 8:04
 Operator : JU/SJ
 Sample : J2179-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 08:34:10 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

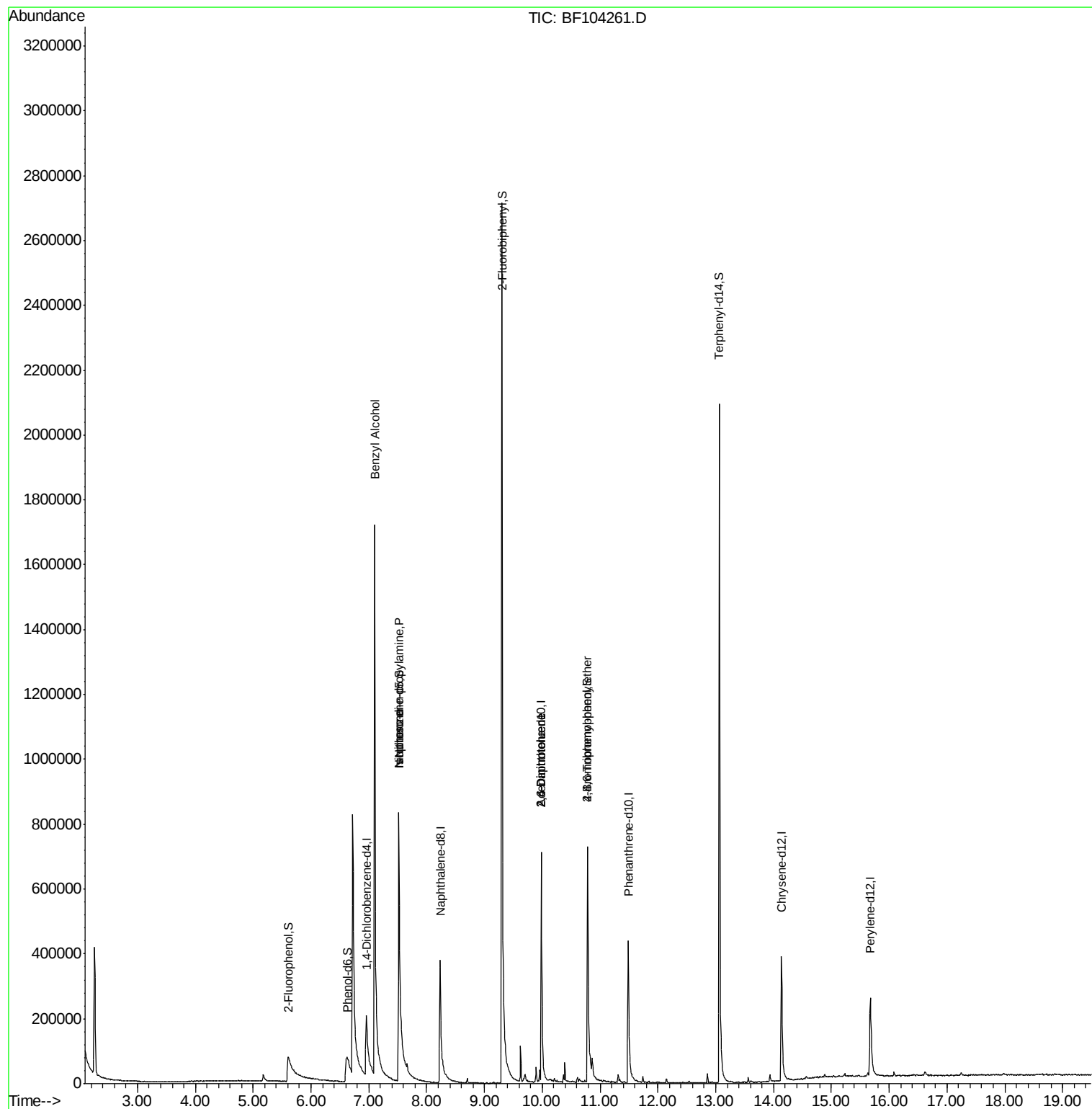
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100790	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	462068	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	199199	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	317201	20.00	ng	0.00
75) Chrysene-d12	14.14	240	221411	20.00	ng	0.00
86) Perylene-d12	15.68	264	199478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	141170	22.34	ng	0.01
7) Phenol-d6	6.62	99	185682	23.88	ng	0.02
23) Nitrobenzene-d5	7.52	82	732066	96.89	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	176131	79.41	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1397678	110.64	ng	0.00
78) Terphenyl-d14	13.06	244	957283	99.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12154	2.404	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	79671	17.265	ng	# 73
25) Isophorone	7.52	82	732066	52.575	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	23400	6.916	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	24247	5.616	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	10219	3.011	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104261.D
Acq On : 5 Apr 2018 8:04
Operator : JU/SJ
Sample : J2179-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 05 08:34:10 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



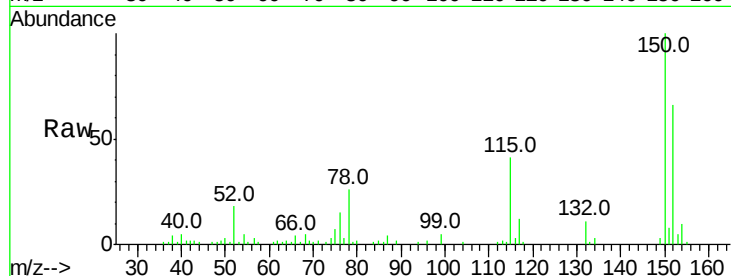


#1

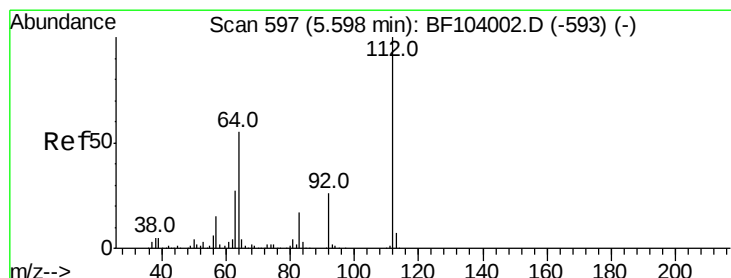
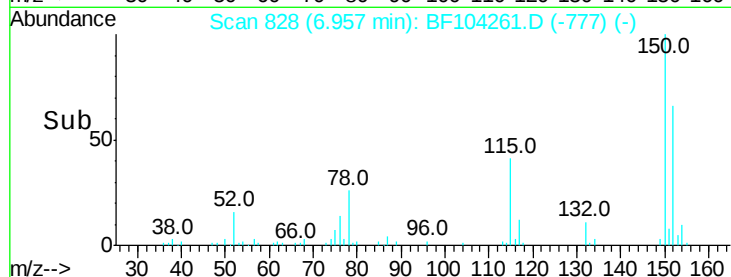
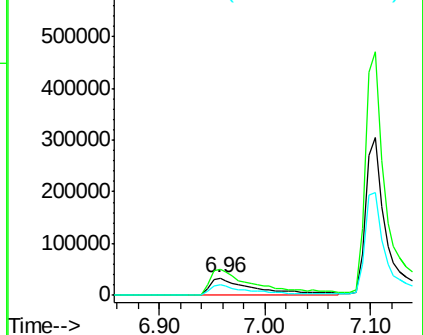
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104261.D
Acq: 5 Apr 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100790
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 62.3 50.1 75.1



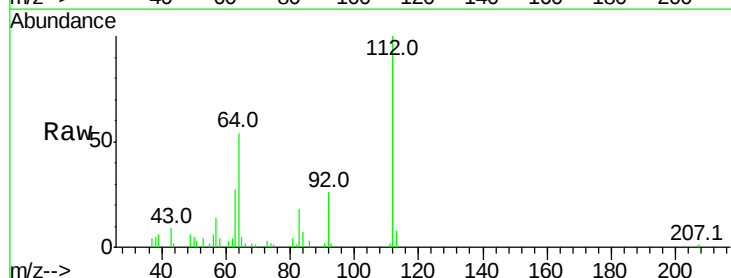
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



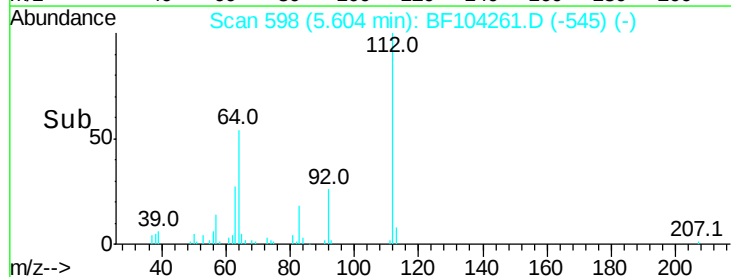
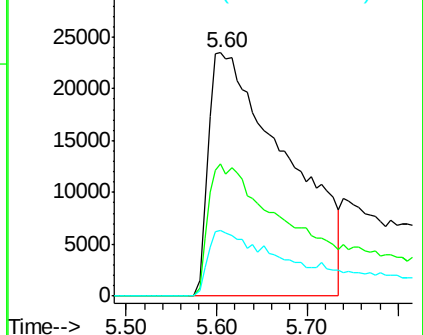
#5

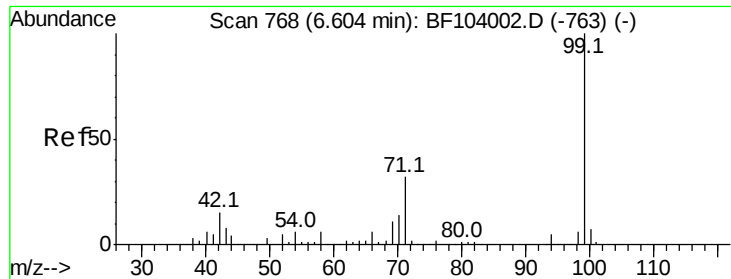
2-Fluorophenol
Concen: 22.337 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104261.D
Acq: 5 Apr 2018 8:04

Tgt Ion:112 Resp: 141170
Ion Ratio Lower Upper
112 100
64 54.3 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: 23.880 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104261.D

Acq: 5 Apr 2018 8:04

Instrument :

BNA_F

ClientSampleId :

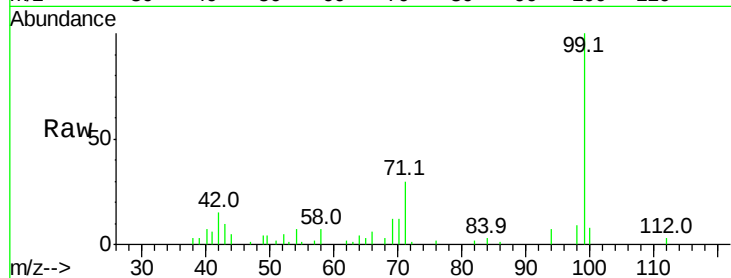
Tot Ion: 99 Resp: 185682

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

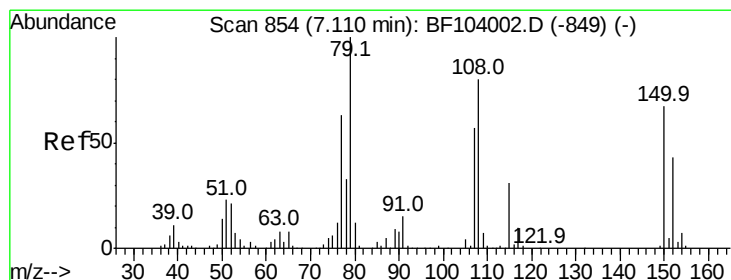
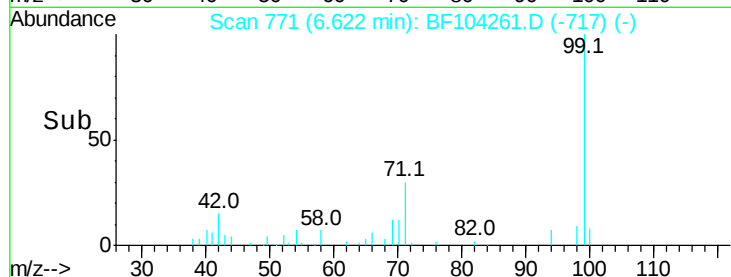
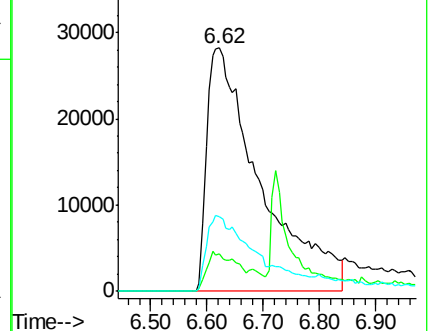
71 30.5 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.404 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104261.D

Acq: 5 Apr 2018 8:04

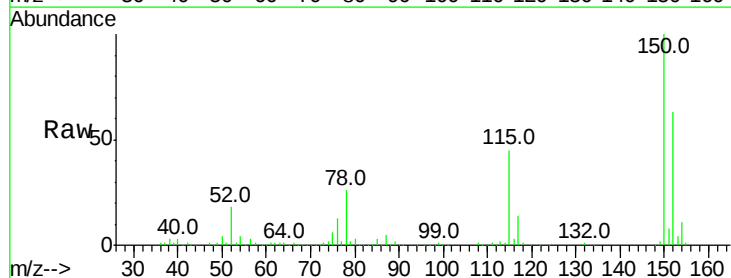
Tgt Ion: 79 Resp: 12154

Ion Ratio Lower Upper

79 100

108 27.2 65.1 97.7#

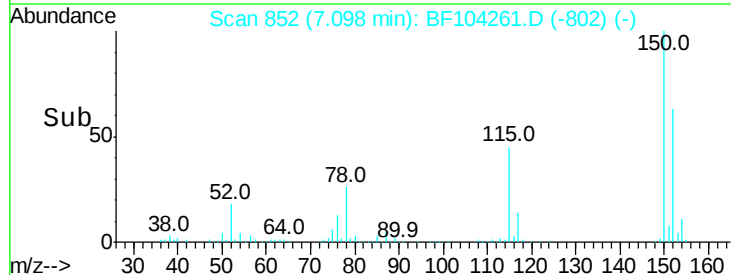
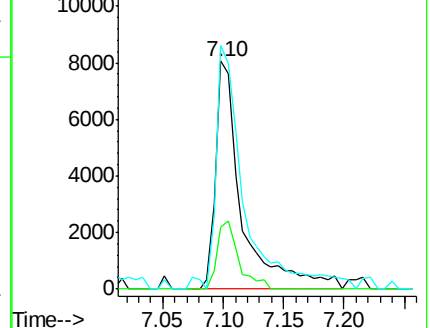
77 106.9 50.6 75.8#

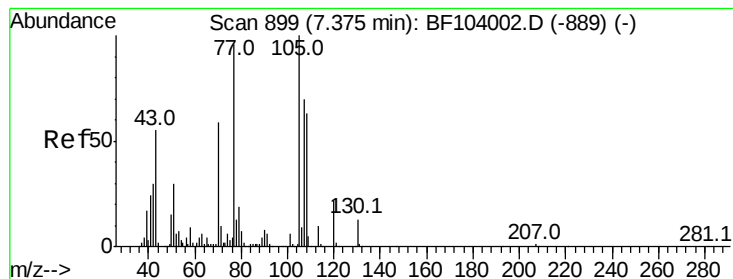


Abundance Ion 79.00 (78.70 to 79.70): BF1

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: 17.265 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104261.D

Acq: 5 Apr 2018 8:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 79671

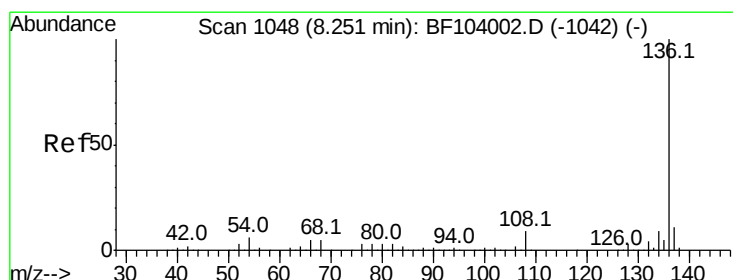
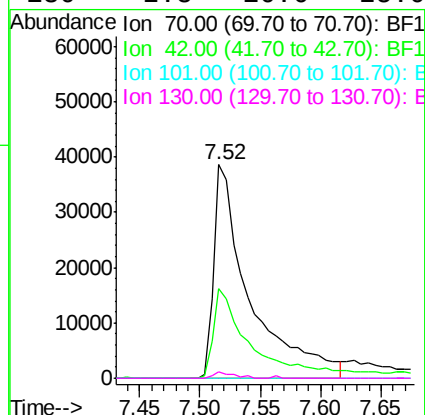
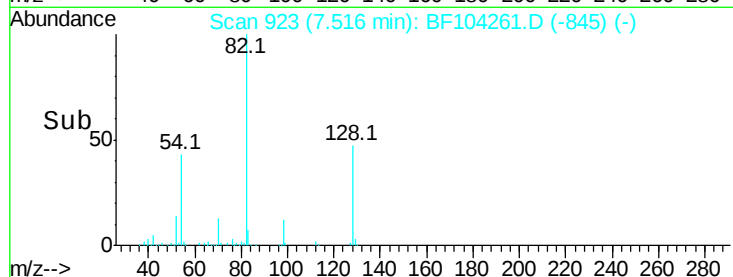
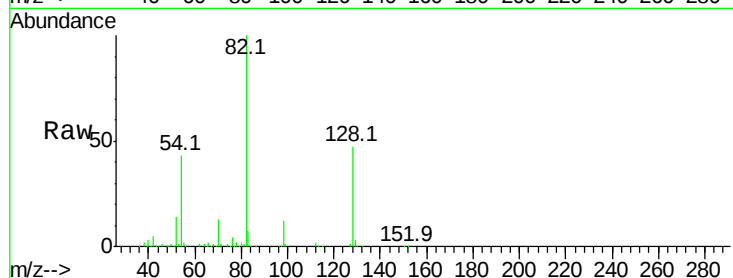
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 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: BF104261.D

Acq: 5 Apr 2018 8:04

Tgt Ion:136 Resp: 462068

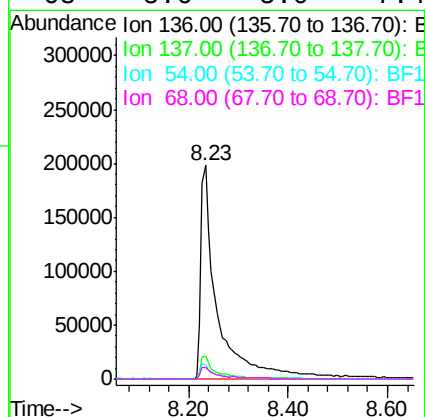
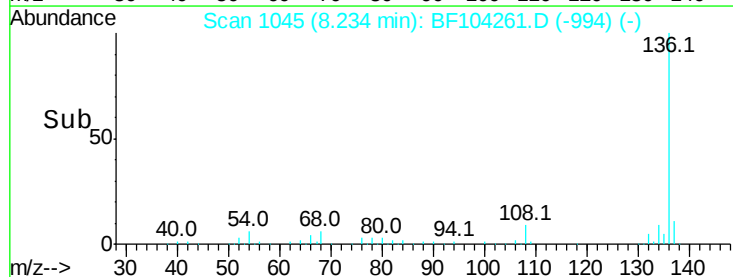
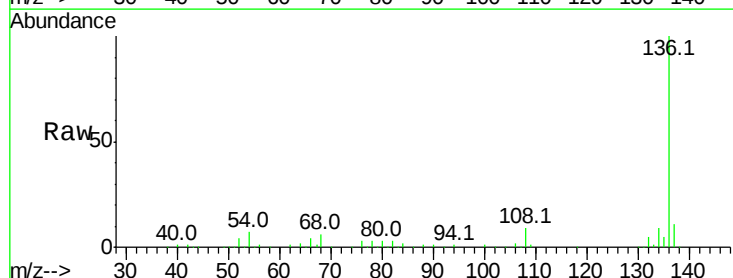
Ion Ratio Lower Upper

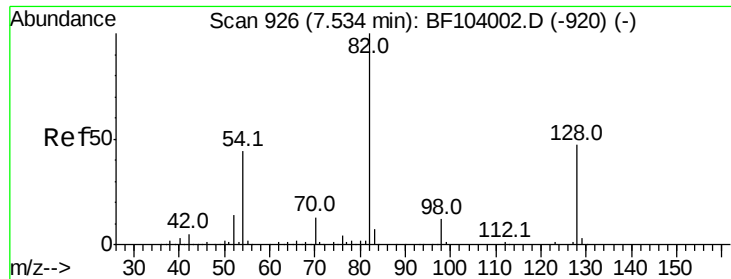
136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

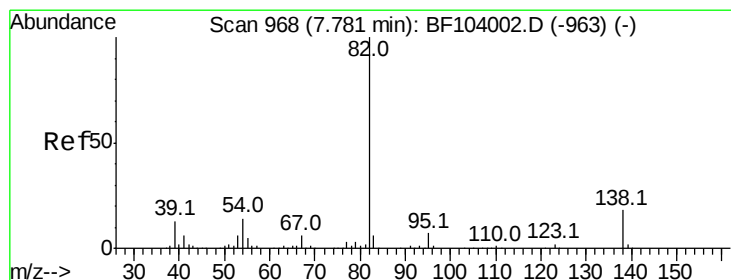
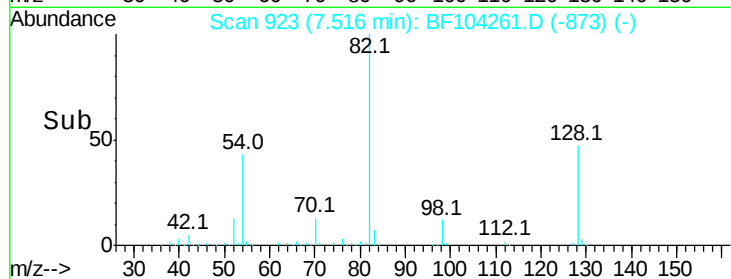
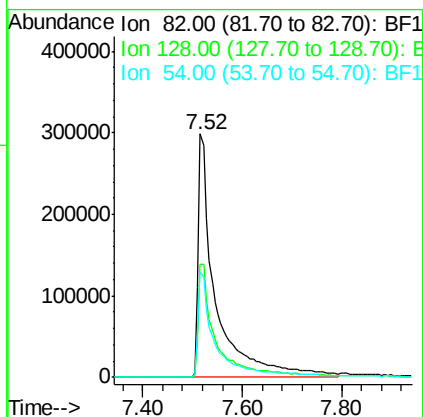
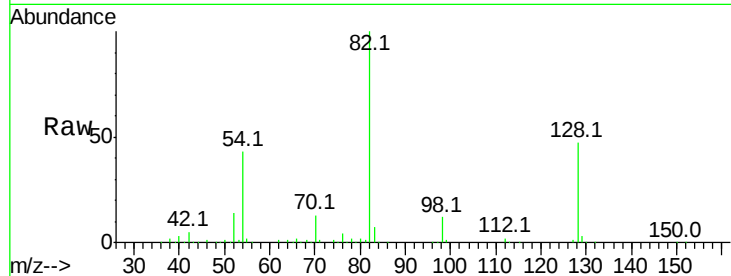




#23
 Nitrobenzene-d5
 Concen: 96.890 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

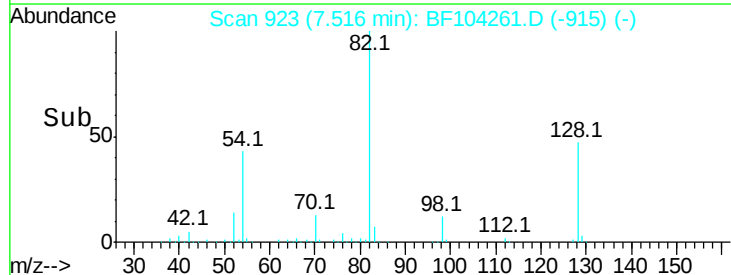
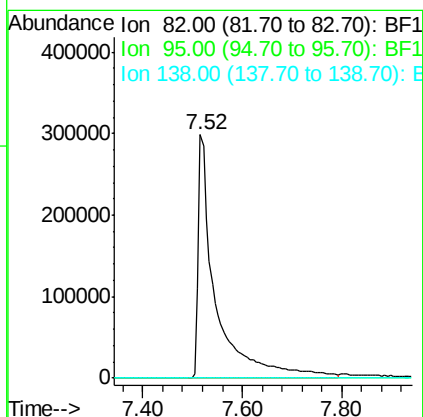
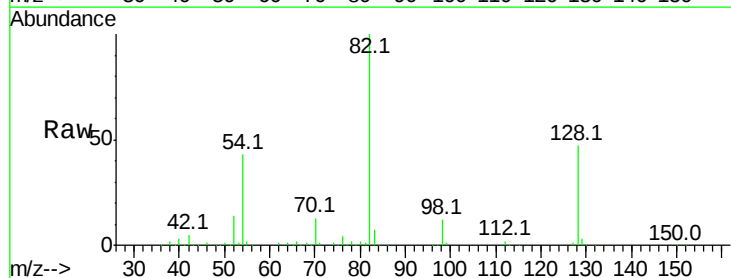
Instrument :
 BNA_F
 ClientSampleId :

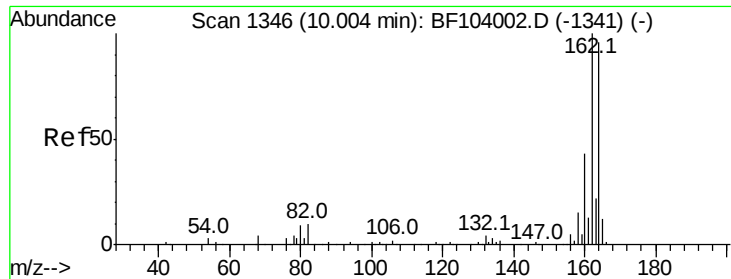
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	43.5	41.4	62.2



#25
 Isophorone
 Concen: 52.575 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104261.D

Acq: 5 Apr 2018 8:04

Instrument :

BNA_F

ClientSampleId :

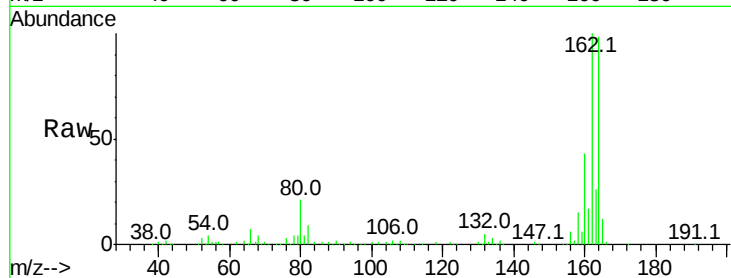
Tot Ion:164 Resp: 199199

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

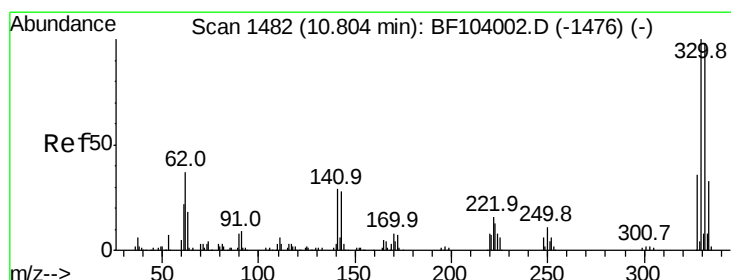
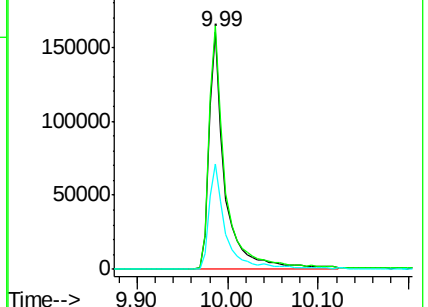
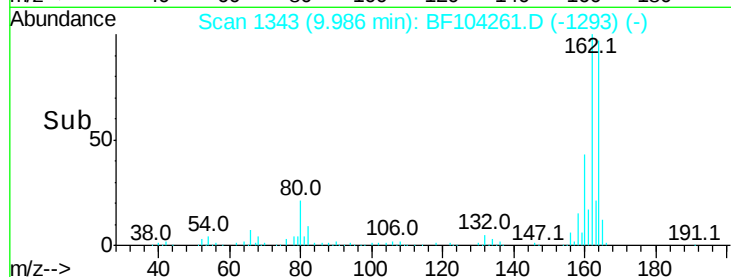
160 44.4 38.3 57.5



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: 79.407 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104261.D

Acq: 5 Apr 2018 8:04

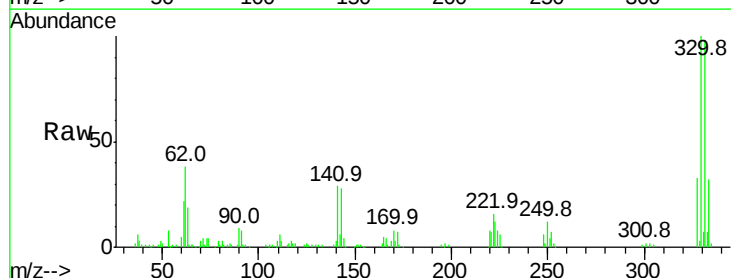
Tgt Ion:330 Resp: 176131

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

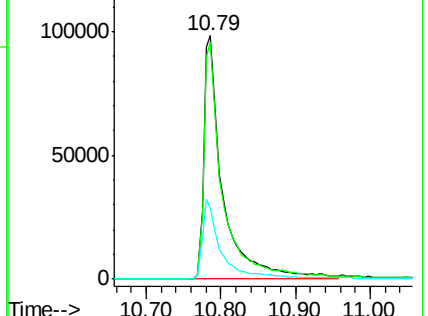
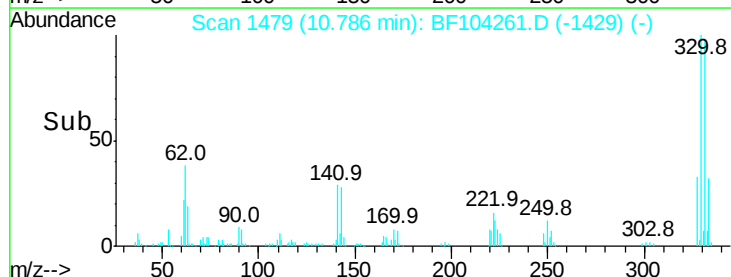
141 32.8 29.9 44.9

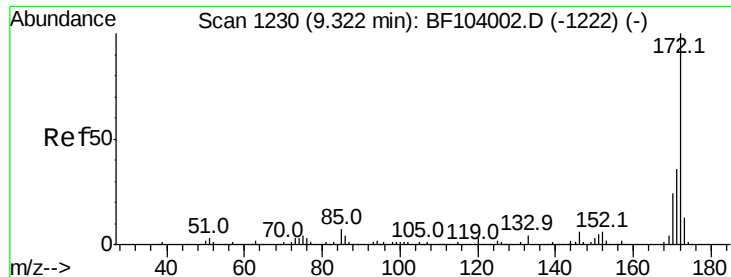


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



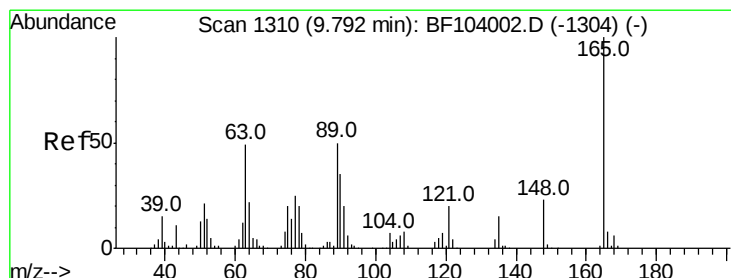
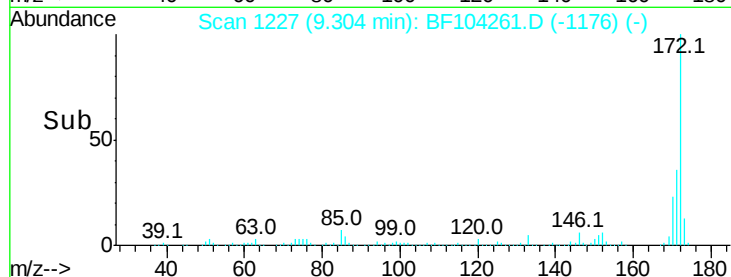
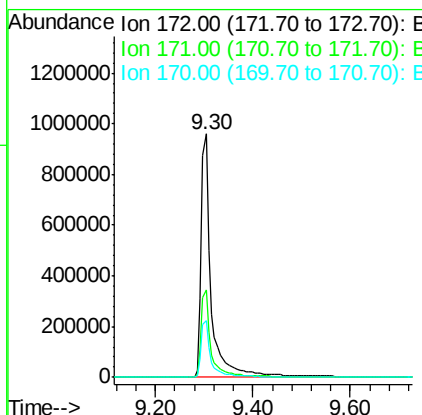
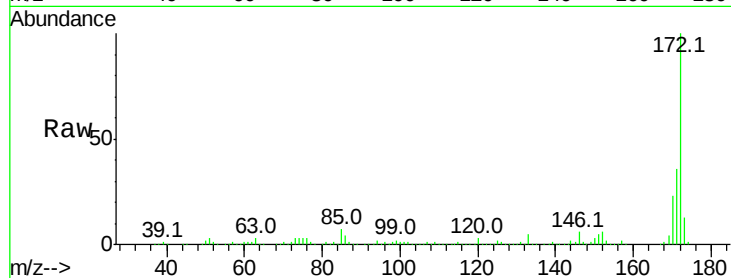


#44
 2-Fluorobiphenyl
 Concen: 110.644 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1397678

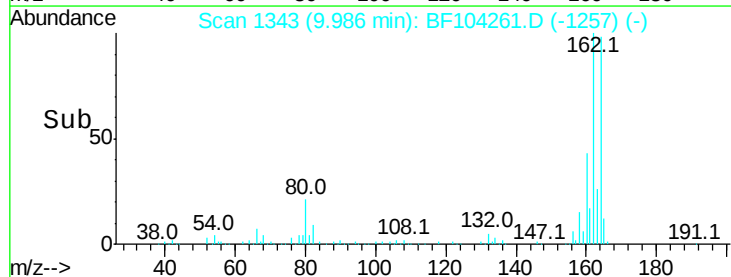
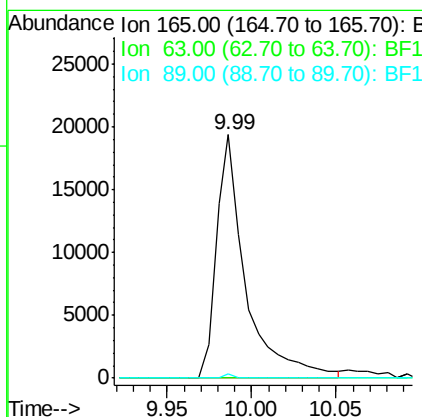
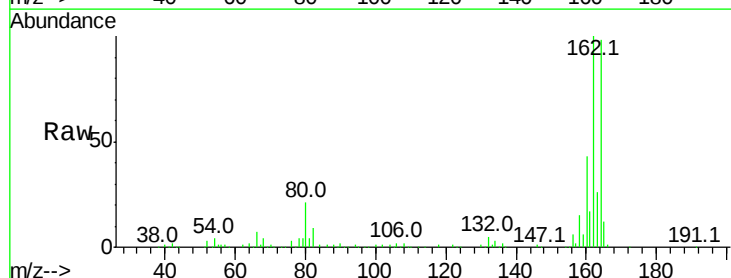
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

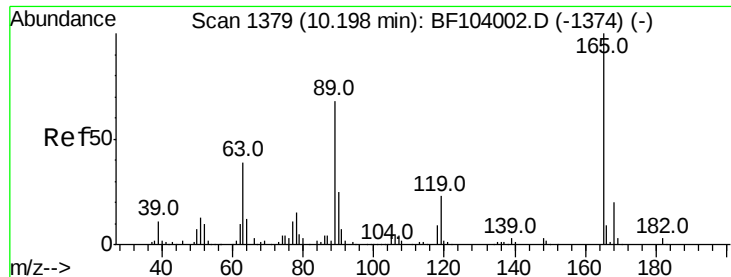


#50
 2,6-Dinitrotoluene
 Concen: 6.916 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Tgt Ion:165 Resp: 23400

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#

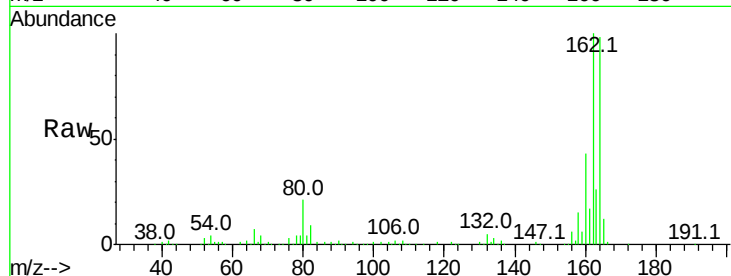




#56
2,4-Dinitrotoluene
Concen: 5.616 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104261.D
Acq: 5 Apr 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

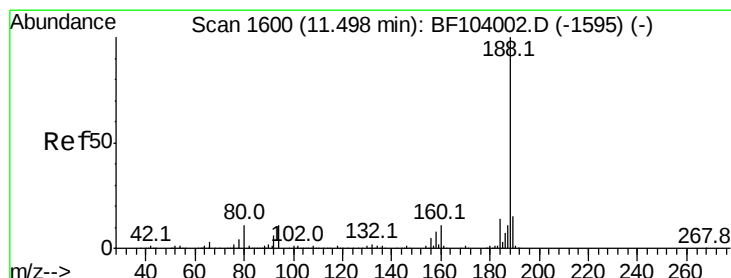
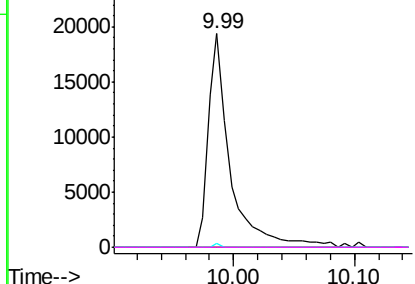
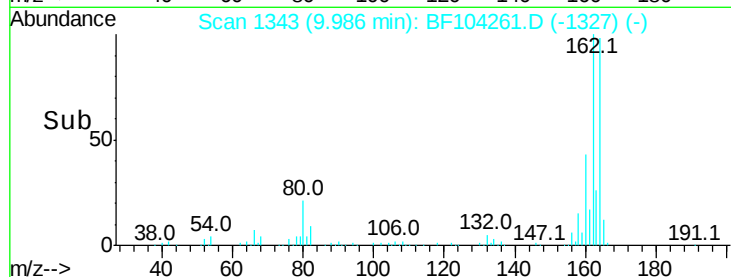


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

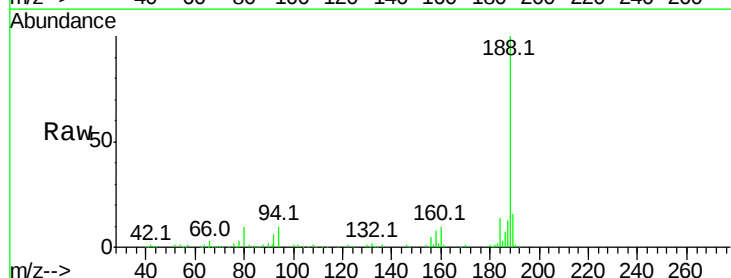
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104261.D
Acq: 5 Apr 2018 8:04

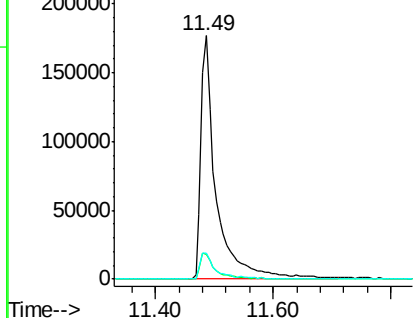
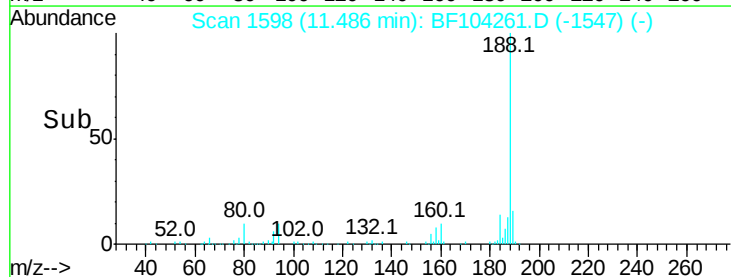
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8

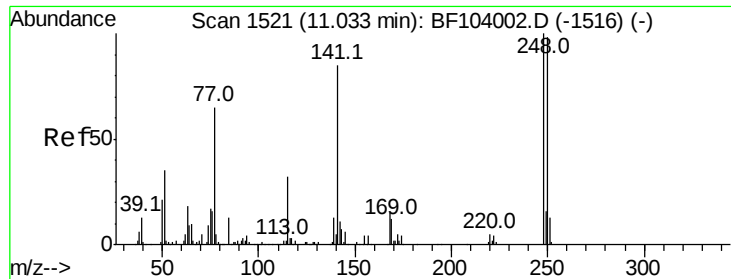


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

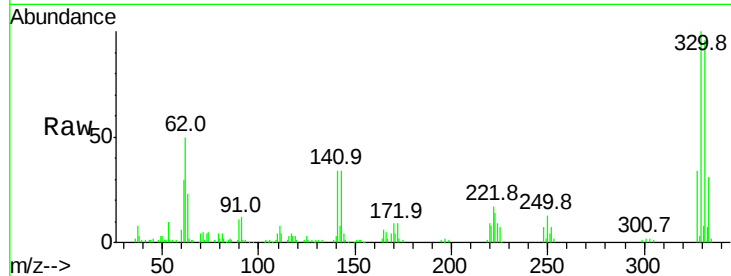




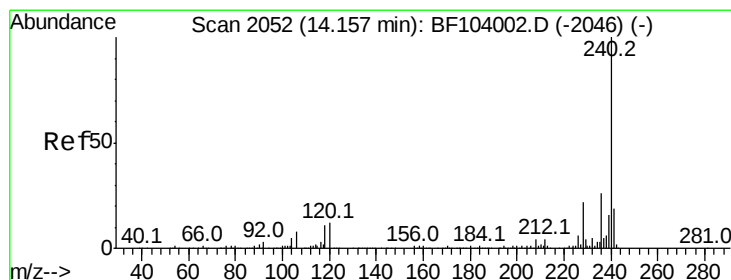
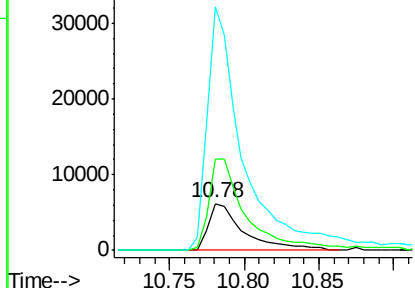
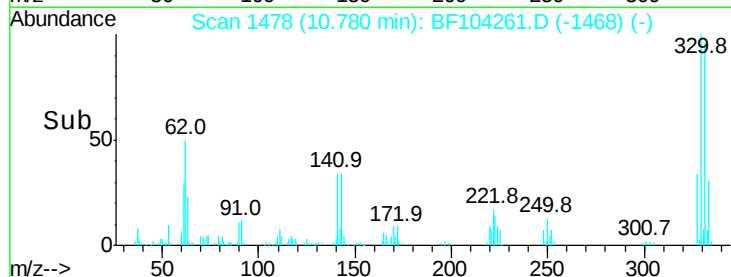
#66
 4-Bromophenyl-phenylether
 Concen: 3.011 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10219
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 521.8 74.4 111.6#

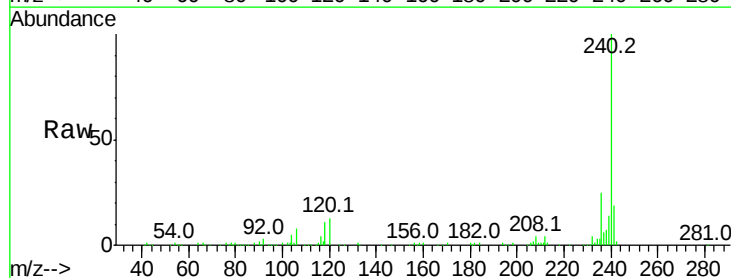


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

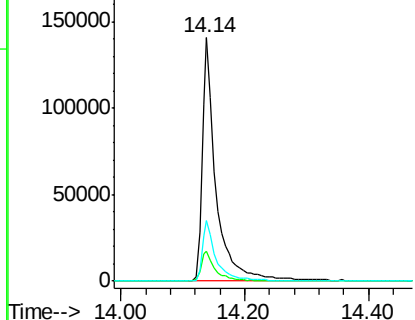
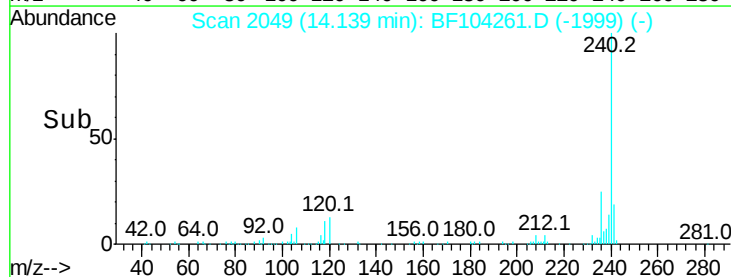


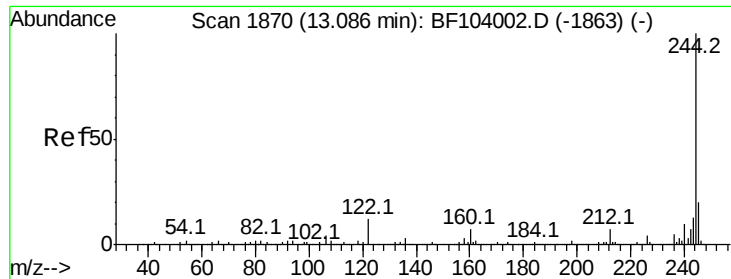
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Tgt Ion:240 Resp: 221411
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.1 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

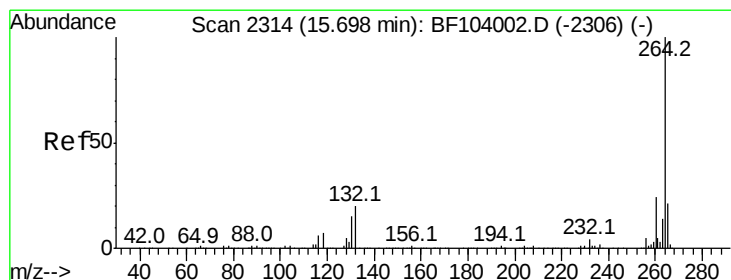
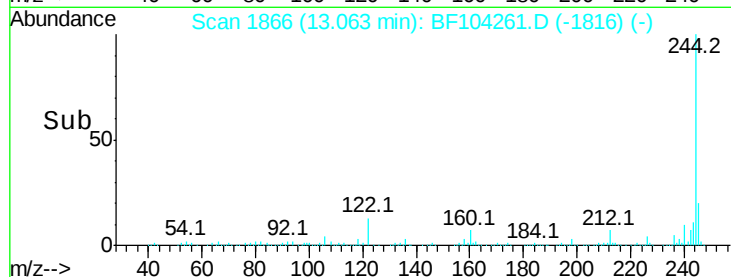
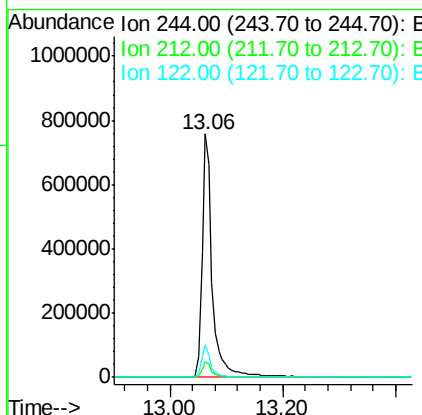
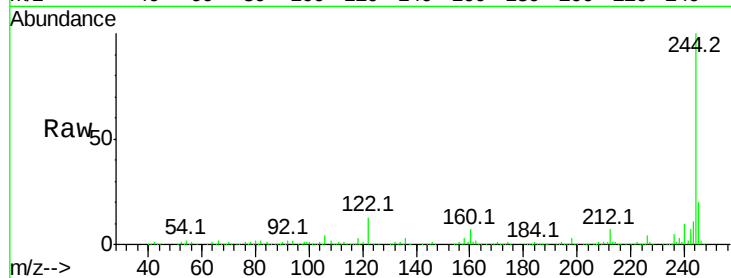




#78
 Terphenyl-d14
 Concen: 99.829 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 957283
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104261.D
 Acq: 5 Apr 2018 8:04

Tgt Ion:264 Resp: 199478
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.2 17.5 26.3

