

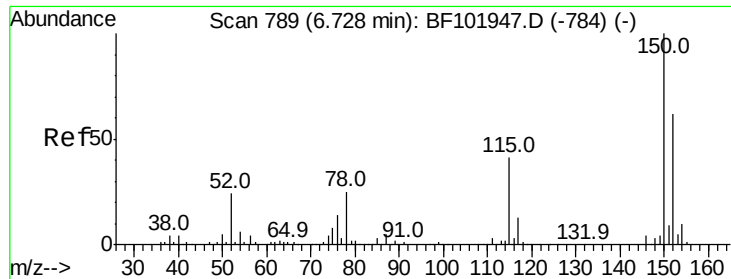
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101973.D
 Acq On : 10 Jan 2018 00:38
 Operator : SJ/JU
 Sample : J1049-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 03:25:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218227	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	790410	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	263403	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	404125	20.00	ng	0.00
75) Chrysene-d12	13.89	240	396247	20.00	ng	0.00
86) Perylene-d12	15.30	264	275454	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	815060	52.74	ng	0.01
7) Phenol-d6	6.36	99	589451	31.97	ng	0.00
23) Nitrobenzene-d5	7.30	82	1225375	91.10	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	265651	115.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1696081	100.60	ng	0.00
78) Terphenyl-d14	12.84	244	1166809	61.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	163882	13.563	ng	# 83
25) Isophorone	7.30	82	1221137	45.947	ng	# 64
51) Acenaphthene	9.80	154	64149	3.689	ng	# 99
53) 2,4-Dinitrophenol	9.82	184	149	8.740	ng	# 62
56) 2,4-Dinitrotoluene	9.76	165	34386	6.500	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.40	198	115	5.708	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17239	4.039	ng	# 1

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

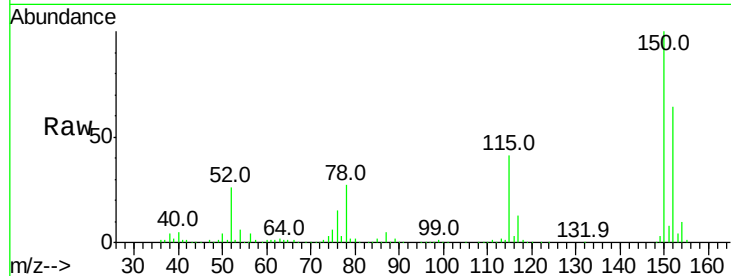


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.4	50.1	75.1

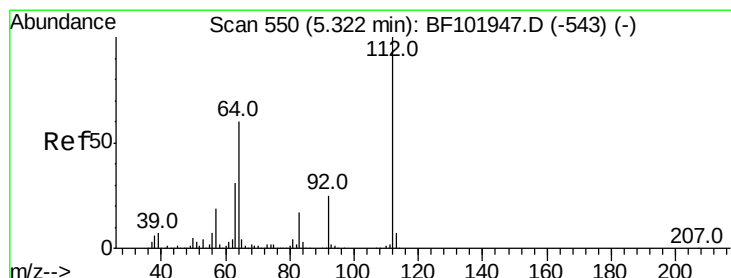
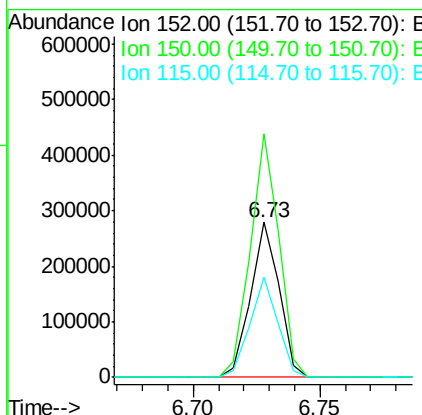
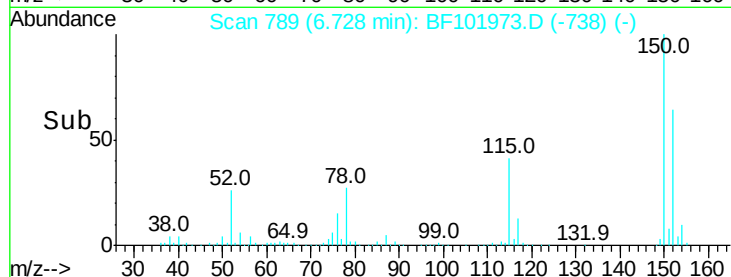


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

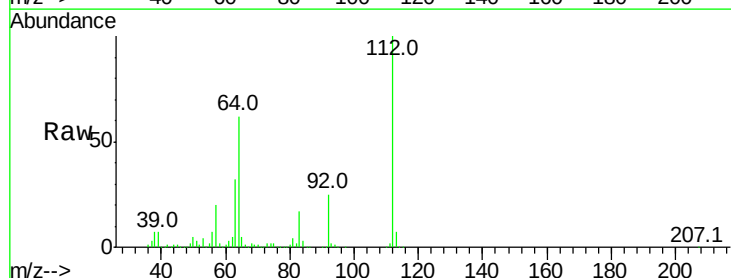
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.740 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	32.2	23.7	35.5

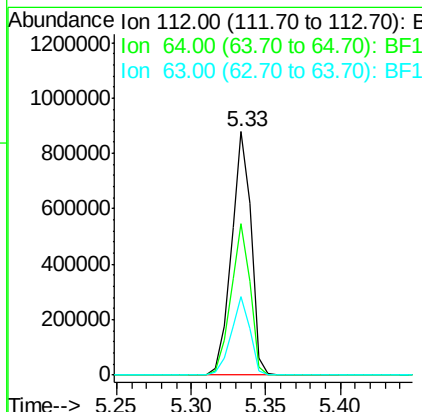
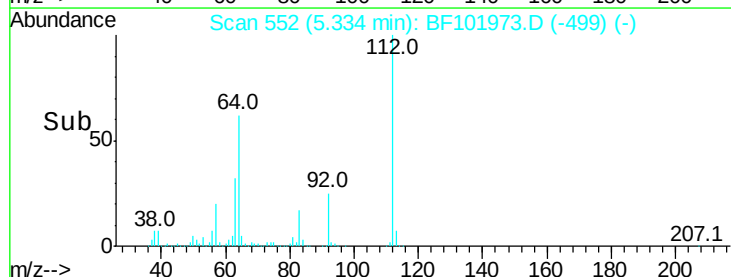


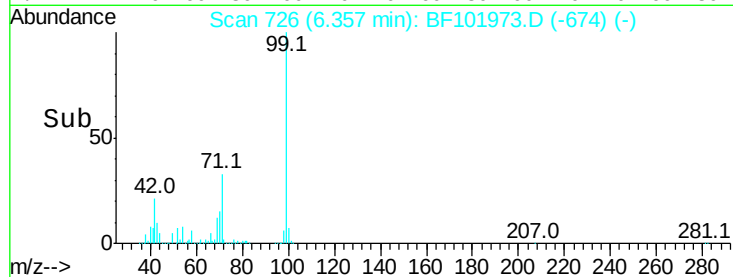
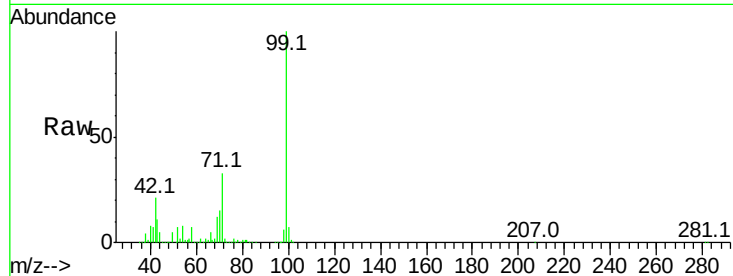
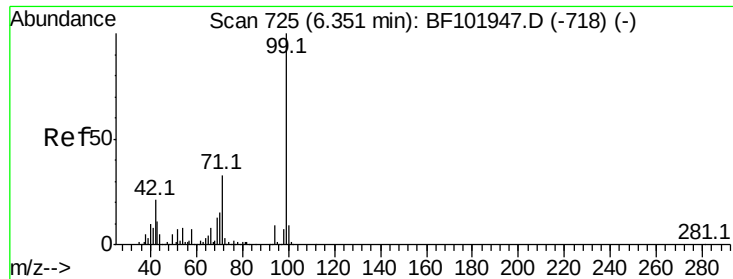
Abundance

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: 31.968 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

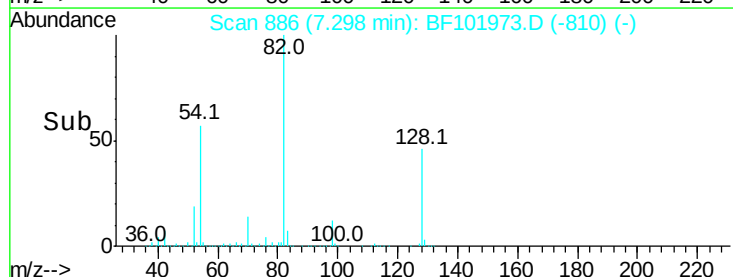
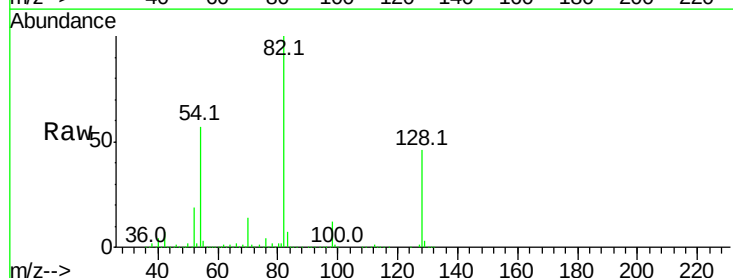
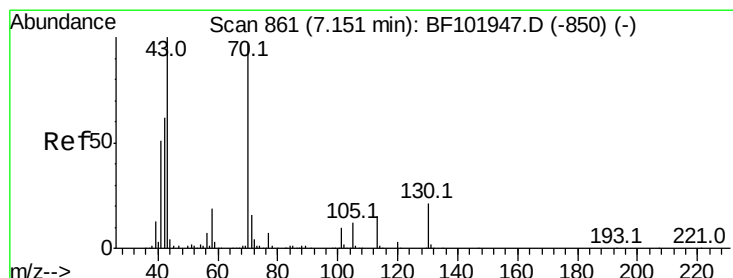
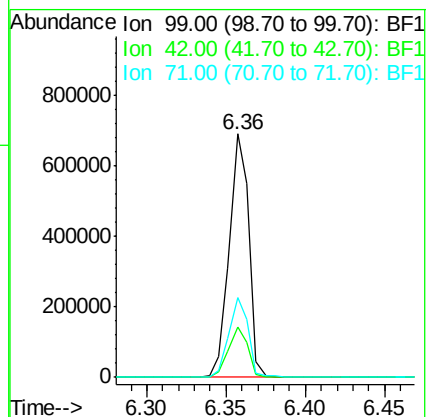
Tot Ion: 99 Resp: 589451

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.563 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Tgt Ion: 70 Resp: 163882

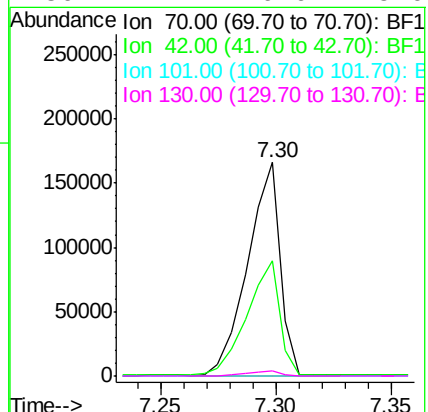
Ion Ratio Lower Upper

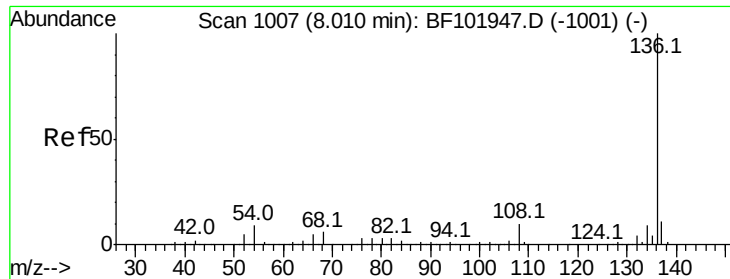
70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

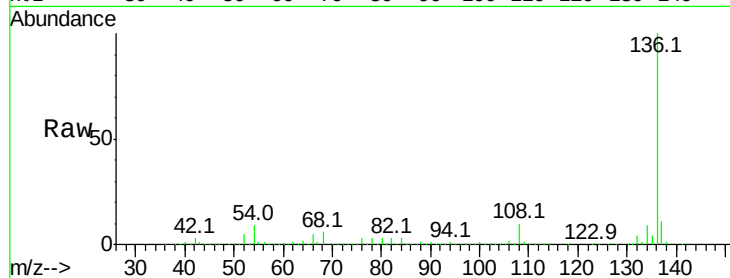




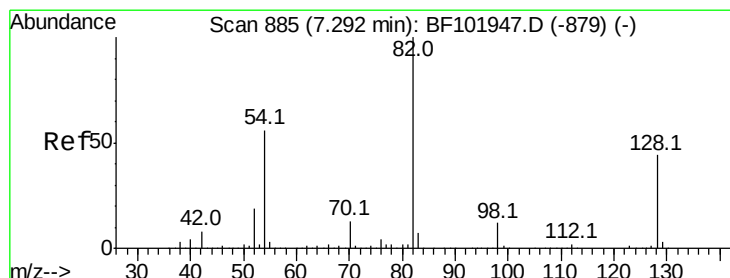
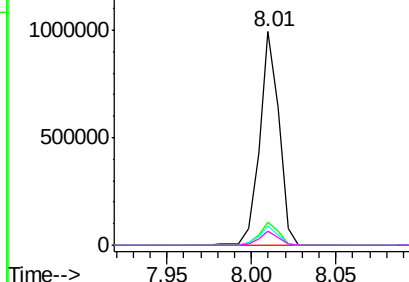
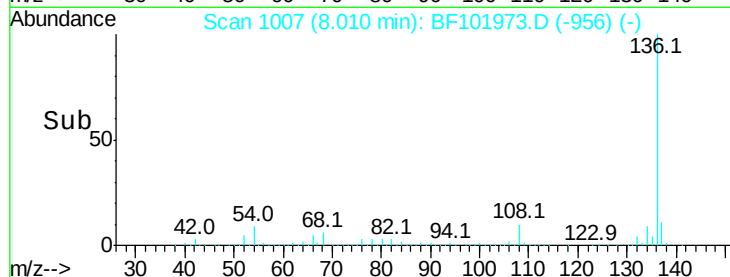
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	790410
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

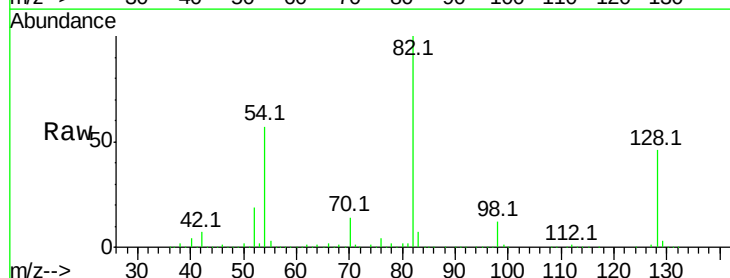


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

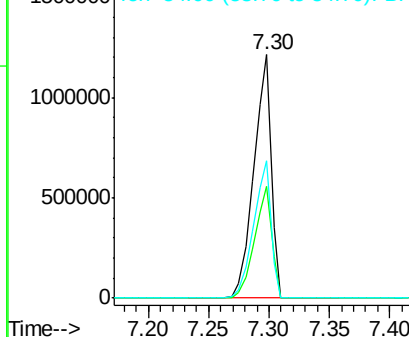
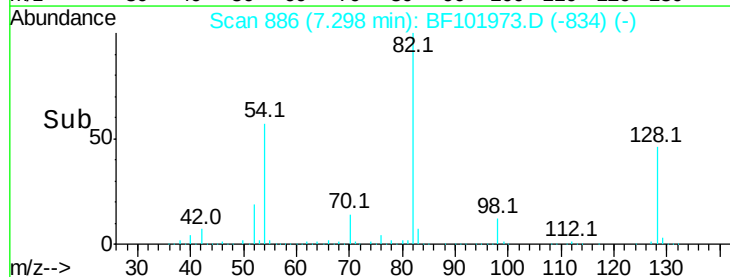


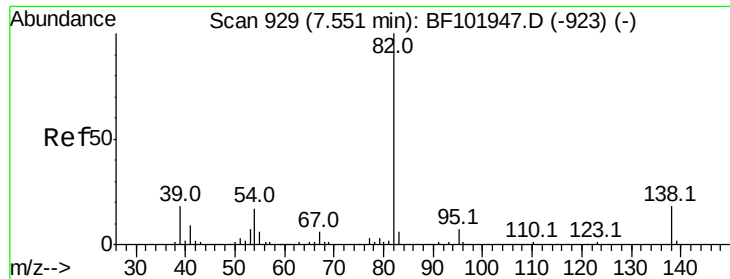
#23
Nitrobenzene-d5
Concen: 91.102 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Tgt Ion:	82	Resp:	1225375
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	56.7	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: 45.947 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

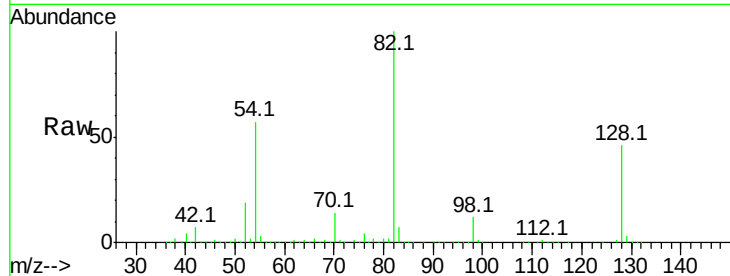
Tot Ion: 82 Resp: 1221137

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

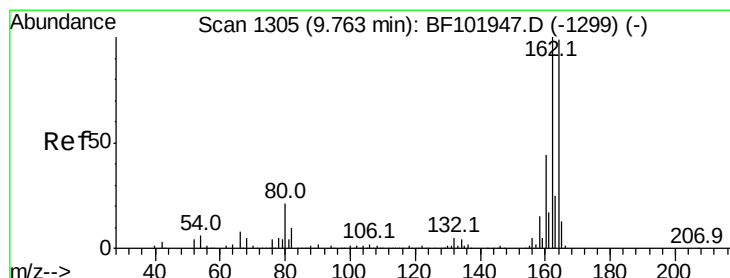
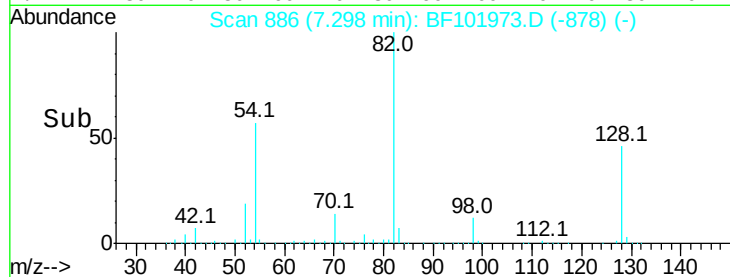
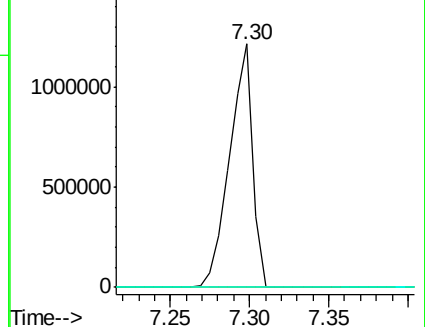
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

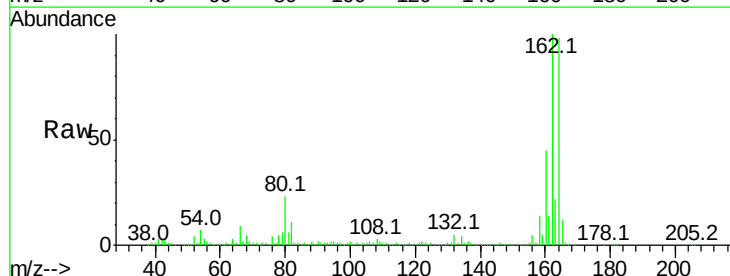
Tgt Ion:164 Resp: 263403

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

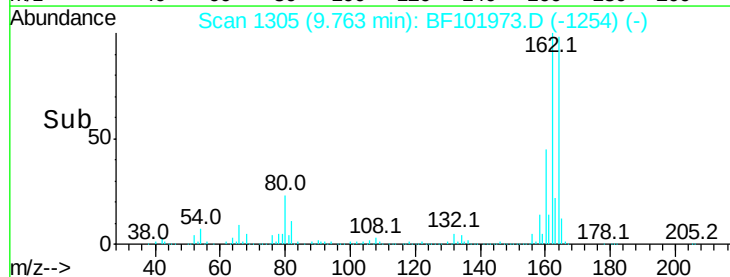
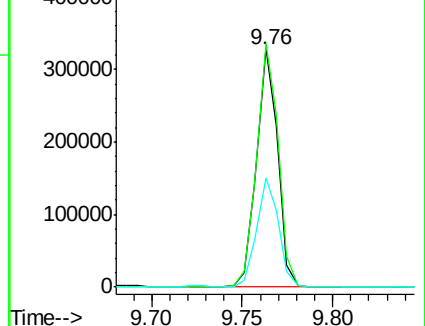
160 45.6 38.3 57.5

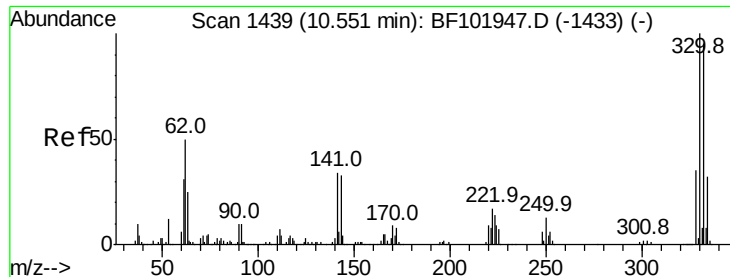


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

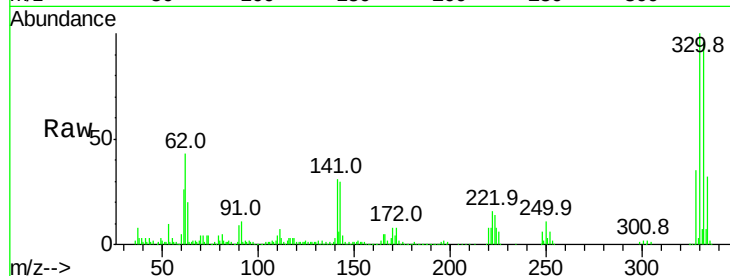




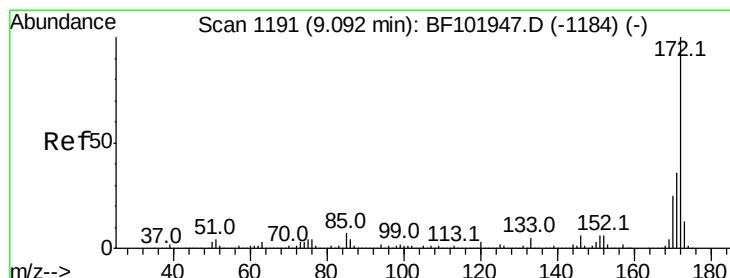
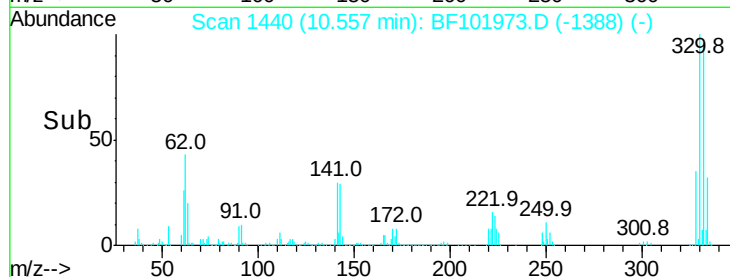
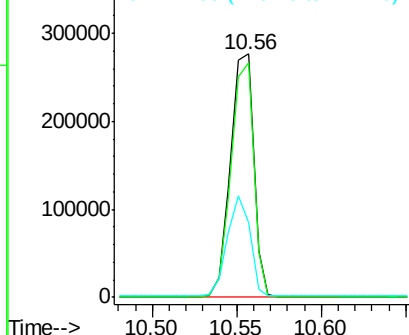
#41
 2,4,6-Tribromophenol
 Concen: 115.567 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	39.8	29.9	44.9

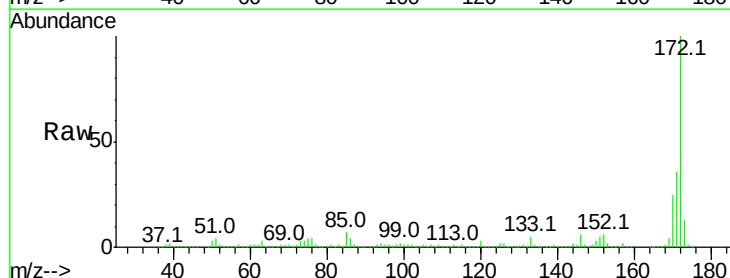


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

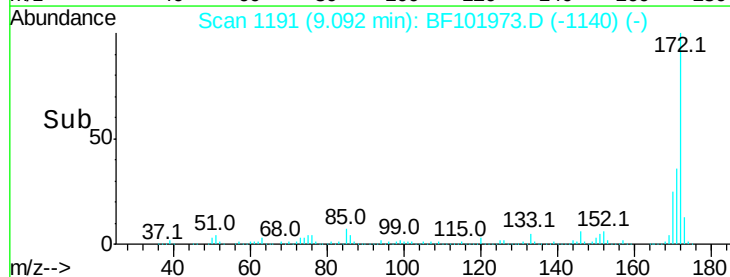
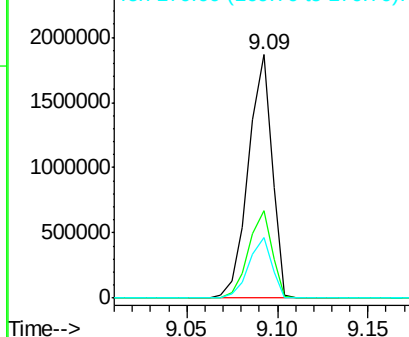


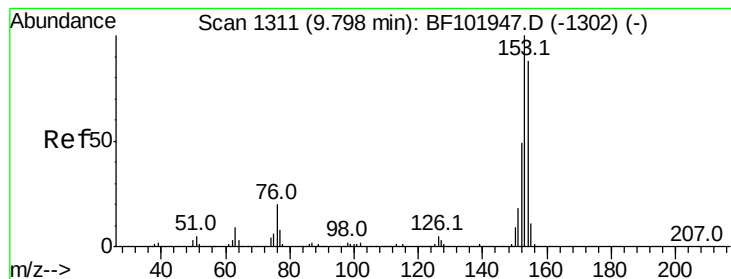
#44
 2-Fluorobiphenyl
 Concen: 100.596 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	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





#51

Acenaphthene

Concen: 3.689 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

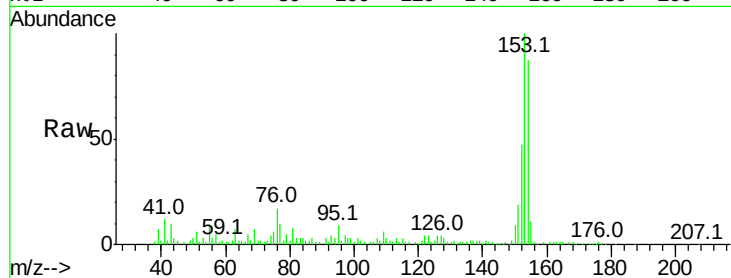
Tot Ion:154 Resp: 64149

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

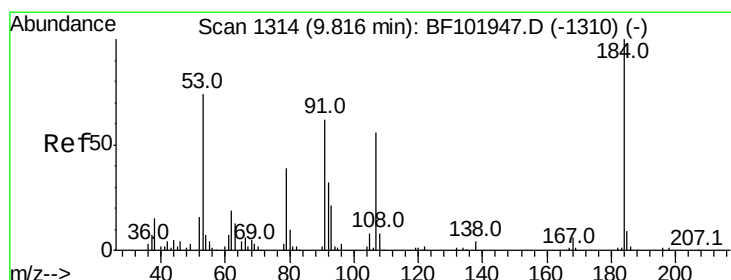
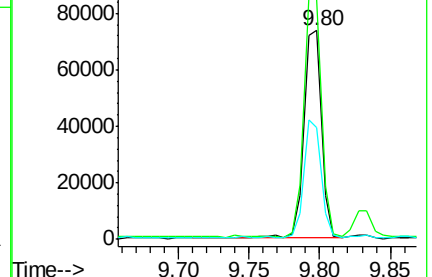
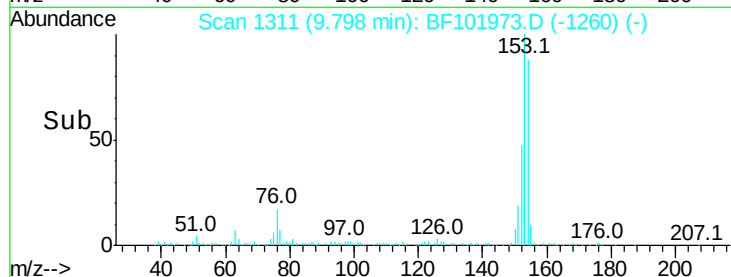
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.740 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

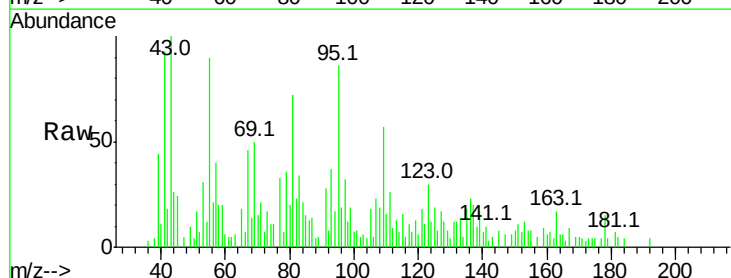
Tgt Ion:184 Resp: 149

Ion Ratio Lower Upper

184 100

63 127.3 54.2 81.2#

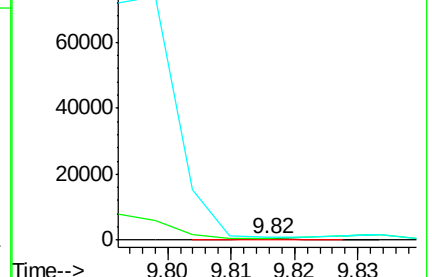
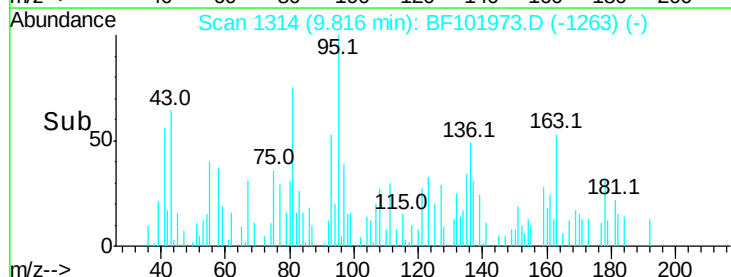
154 184.3 184.0 276.0

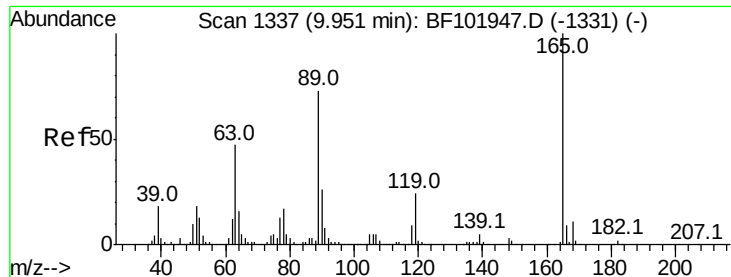


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

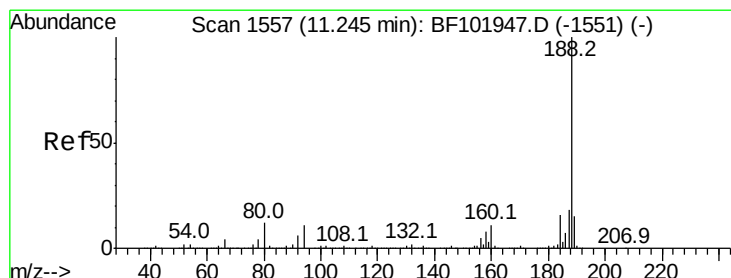
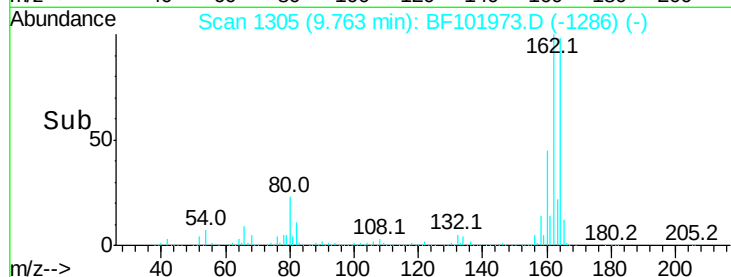
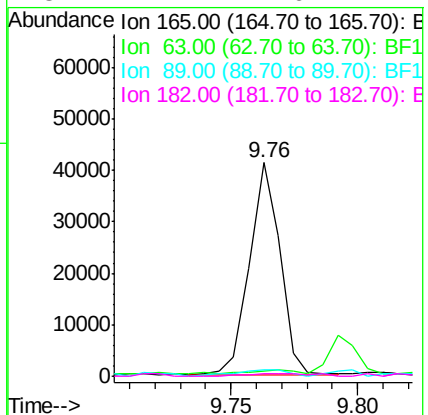
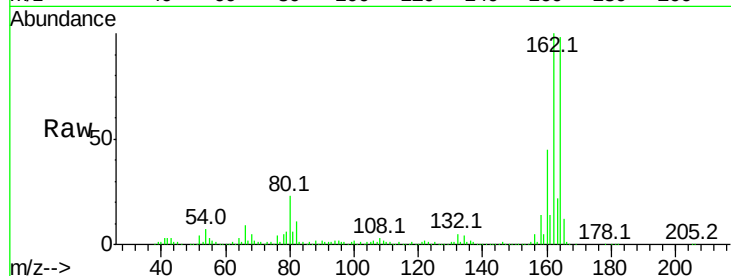




#56
 2,4-Dinitrotoluene
 Concen: 6.500 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

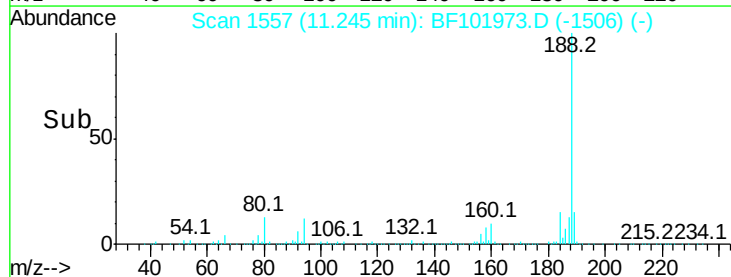
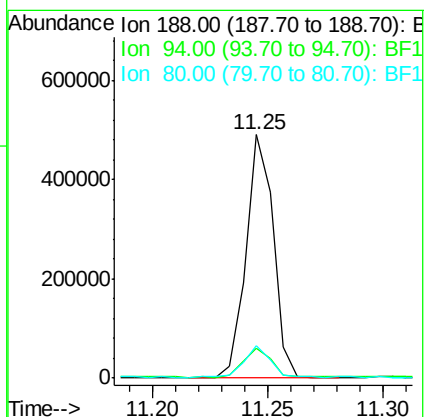
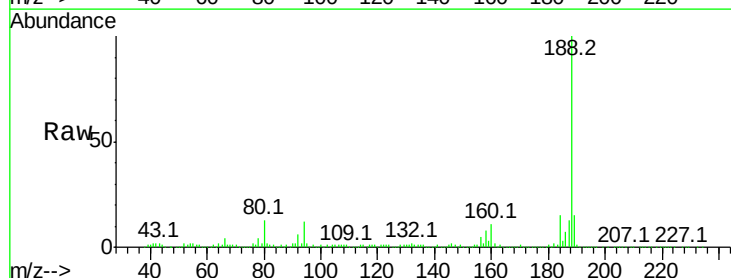
Instrument :
 BNA_F
 ClientSampleId :

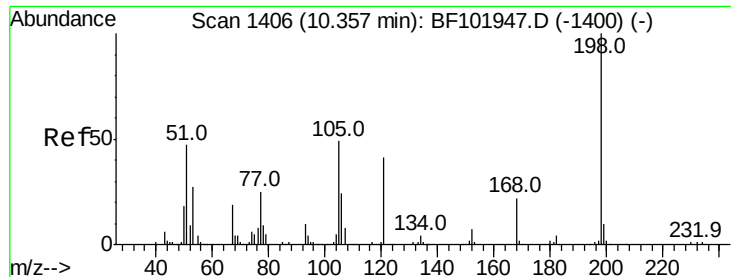
Tot Ion:165 Resp: 34386
 Ion Ratio Lower Upper
 165 100
 63 2.6 36.4 54.6#
 89 2.7 57.8 86.6#
 182 1.1 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Tgt Ion:188 Resp: 404125
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 13.3 9.2 13.8

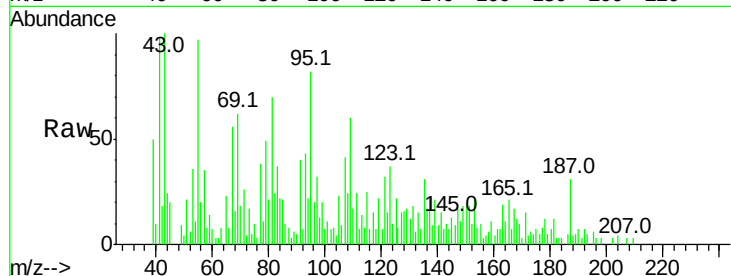




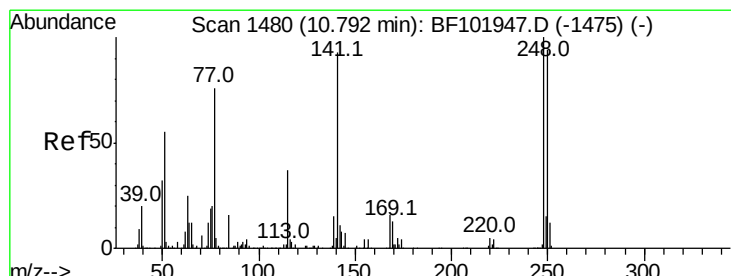
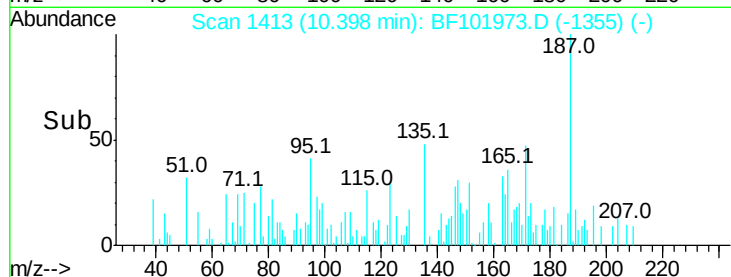
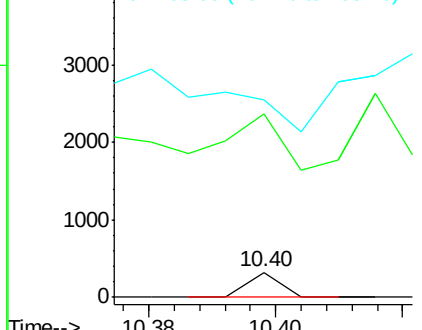
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.708 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.04 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 115
 Ion Ratio Lower Upper
 198 100
 51 729.8 37.7 77.7#
 105 785.5 36.3 76.3#

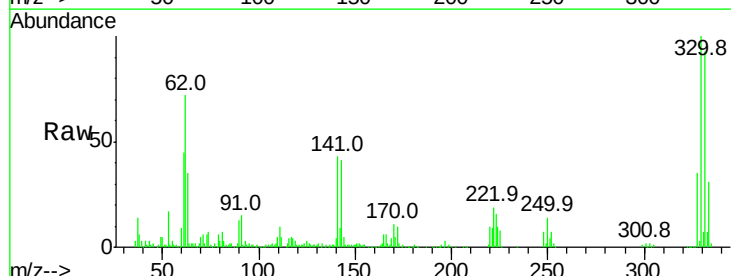


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

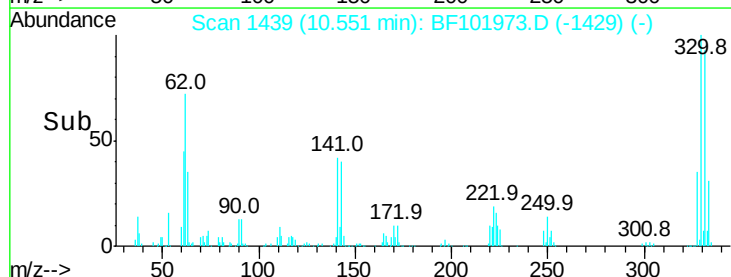
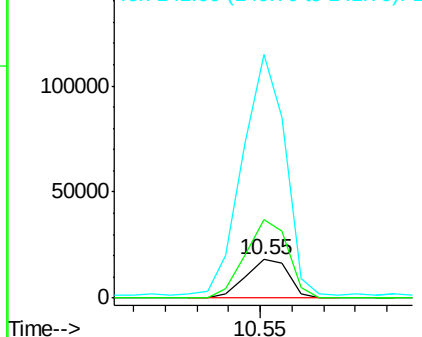


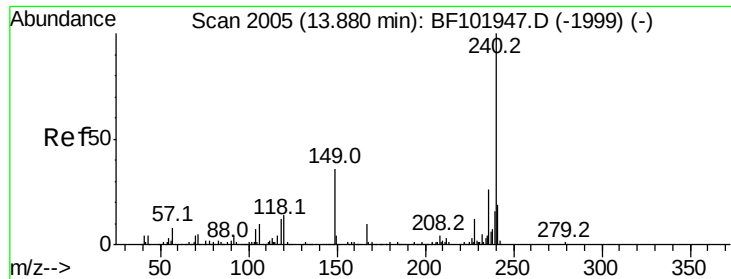
#66
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Tgt Ion:248 Resp: 17239
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.9 115.3#
 141 630.7 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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

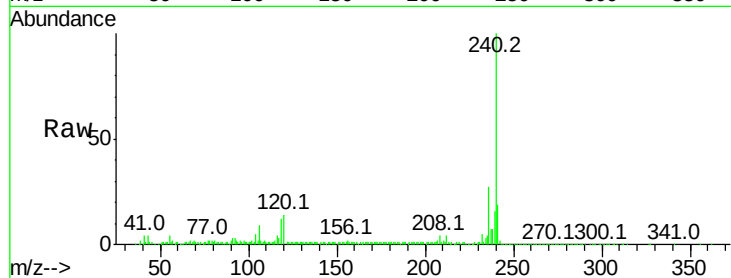
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 396247

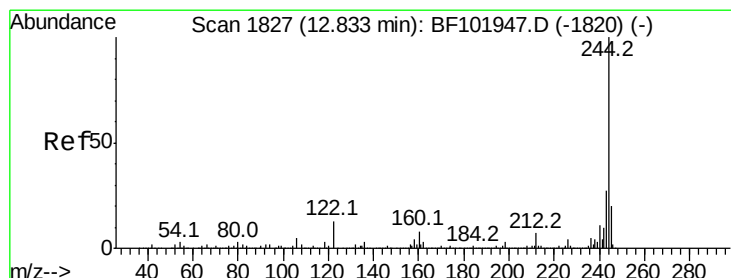
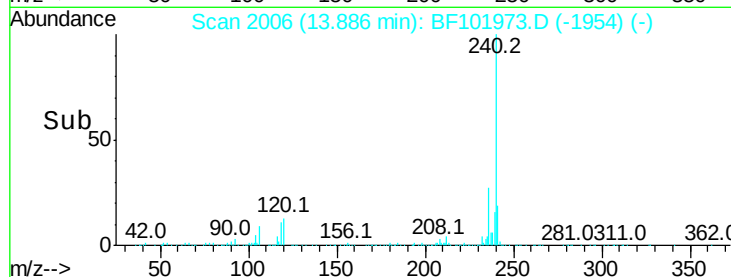
Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.8	20.7	31.1



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: 61.139 ng

RT: 12.84 min Scan# 1828

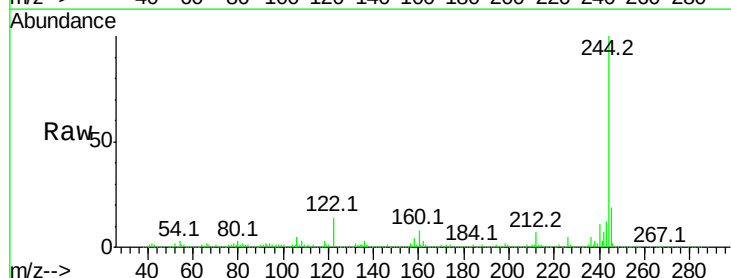
Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Tgt Ion:244 Resp: 1166809

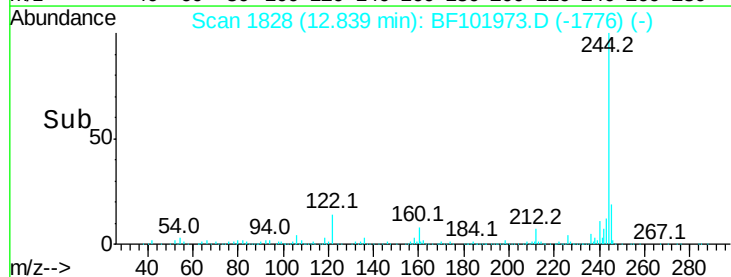
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4

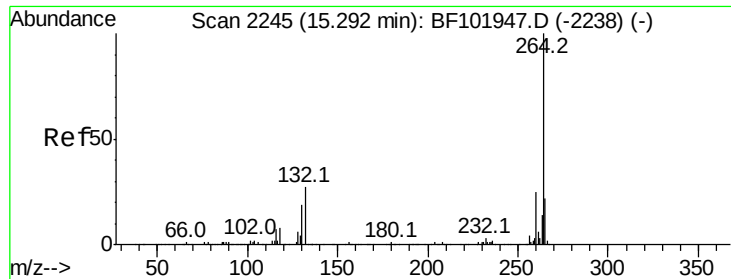


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

