

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102173.D
 Acq On : 18 Jan 2018 2:49
 Operator : SJ/JU
 Sample : J1156-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 04:28:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

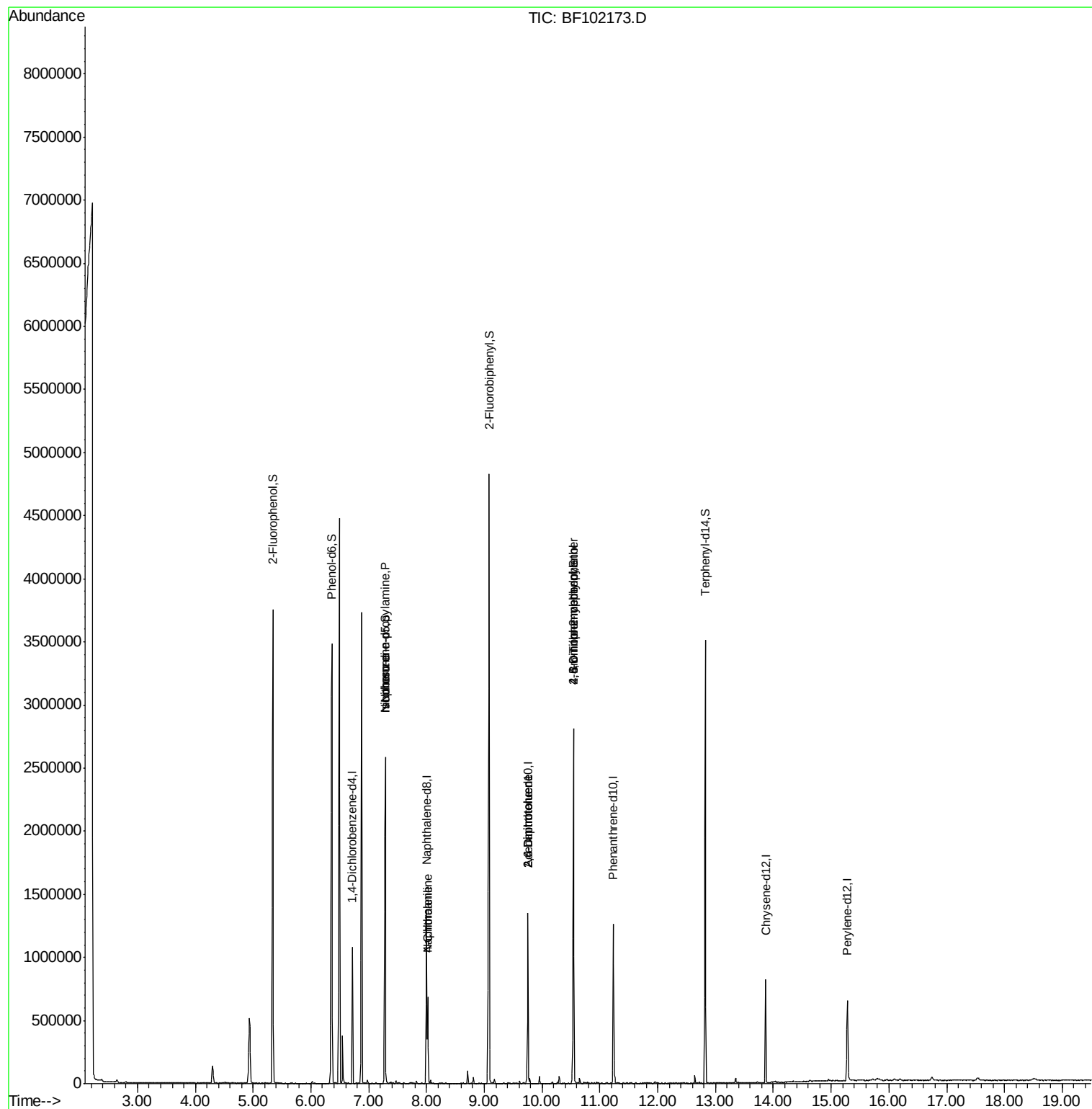
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166141	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	665865	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284504	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	432560	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279001	20.00	ng	0.00
86) Perylene-d12	15.28	264	273779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1253538	106.54	ng	0.02
7) Phenol-d6	6.36	99	1365453	97.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	1079115	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	337160	135.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1805152	99.12	ng	0.00
78) Terphenyl-d14	12.83	244	1263912	94.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	144310	15.687	ng	# 80
25) Isophorone	7.29	82	1073095	47.929	ng	# 64
31) Naphthalene	8.02	128	277532	8.341	ng	# 100
33) 4-Chloroaniline	8.02	127	37200	2.620	ng	# 34
50) 2,6-Dinitrotoluene	9.75	165	35456	7.777	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	35456	6.205	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	782	5.956	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	21882	4.790	ng	# 1

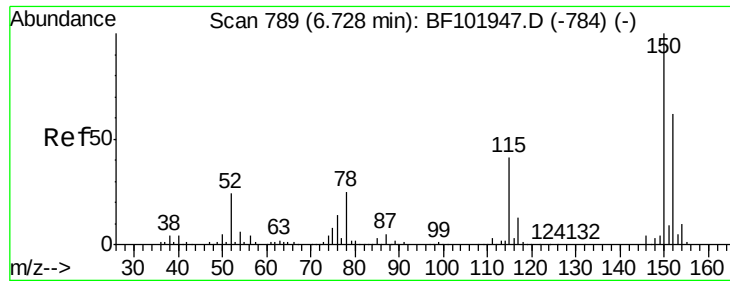
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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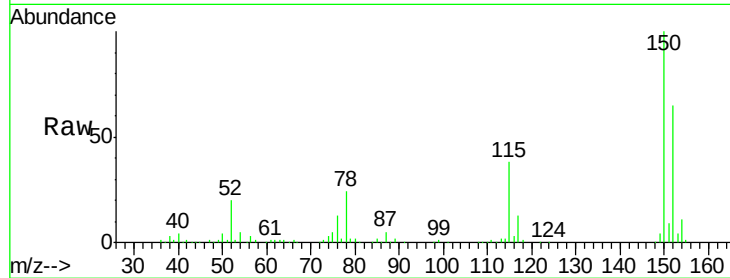


#1

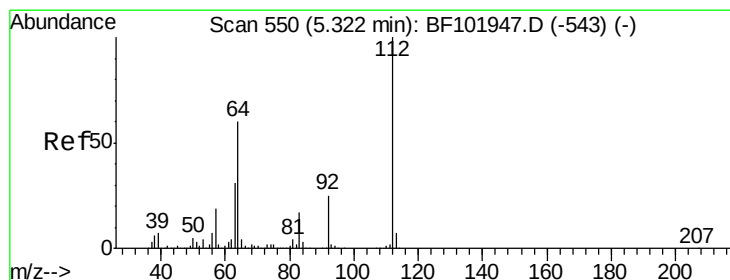
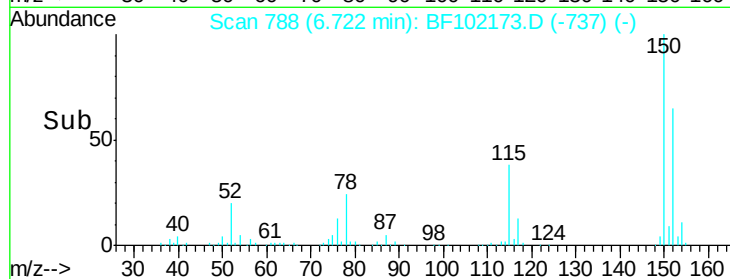
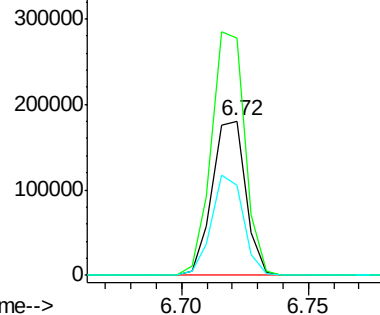
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166141
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.4 50.1 75.1



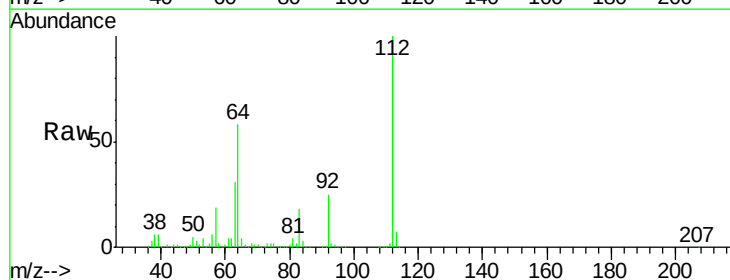
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



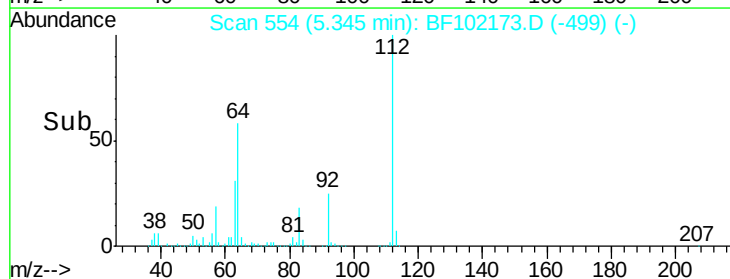
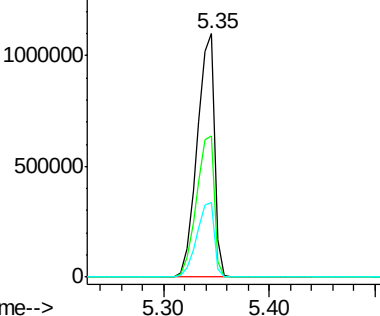
#5

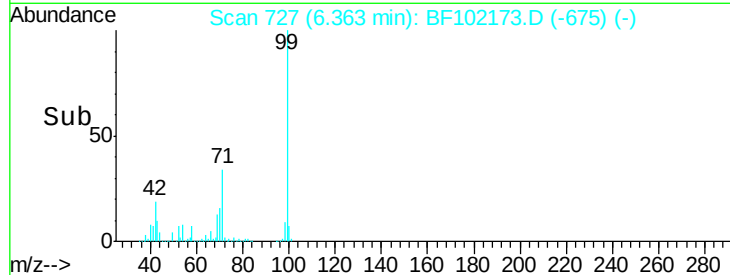
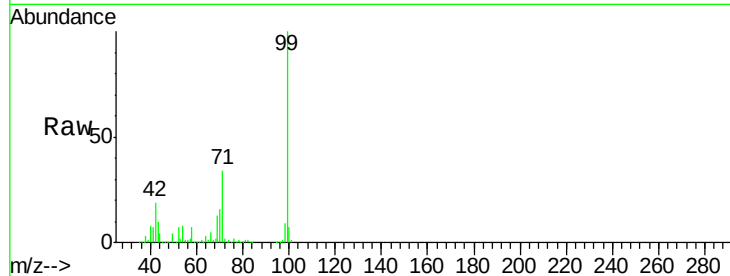
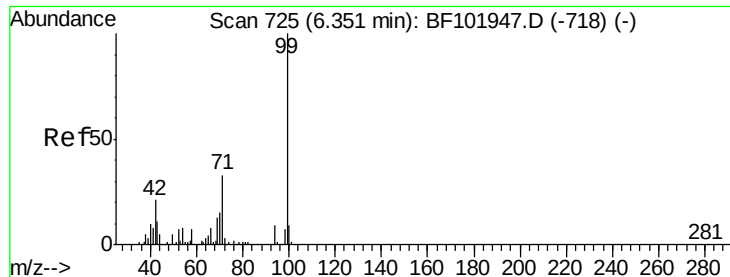
2-Fluorophenol
Concen: 106.542 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion:112 Resp: 1253538
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.6 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: 97.271 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampleId :

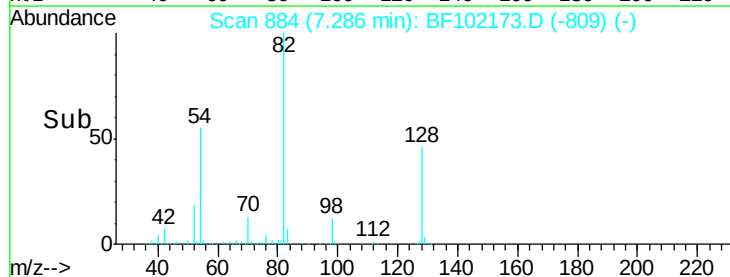
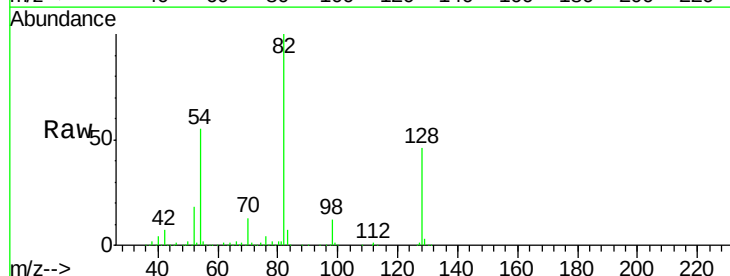
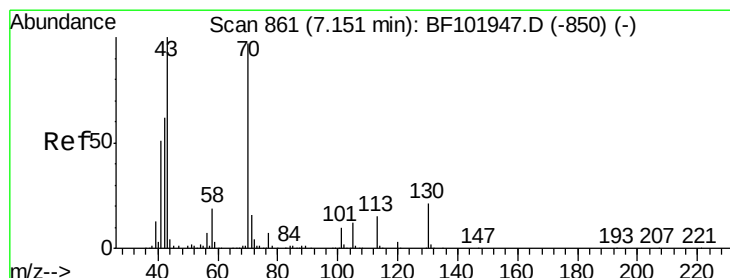
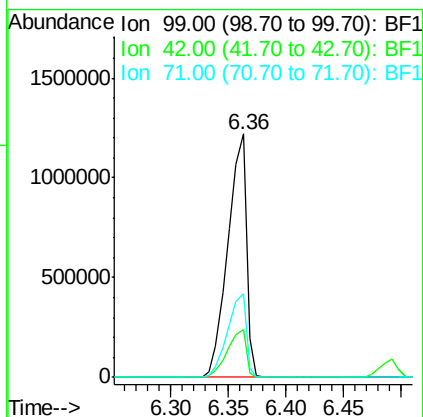
Tot Ion: 99 Resp: 1365453

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.687 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Tgt Ion: 70 Resp: 144310

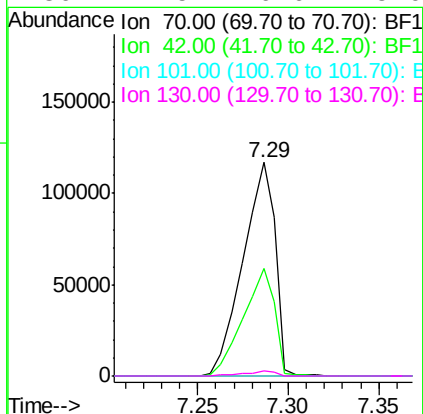
Ion Ratio Lower Upper

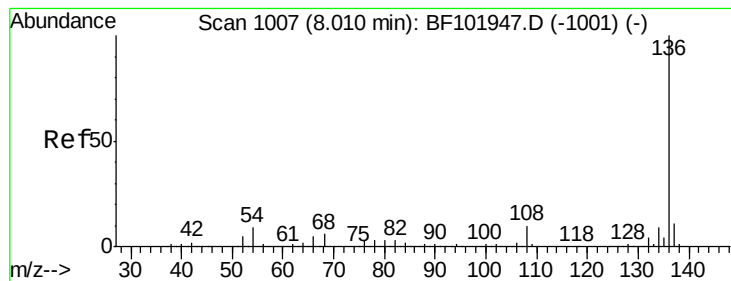
70 100

42 50.6 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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 665865

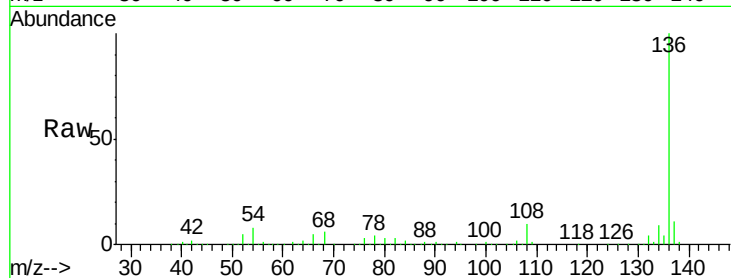
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.5 6.6 9.8

68 5.5 5.0 7.4

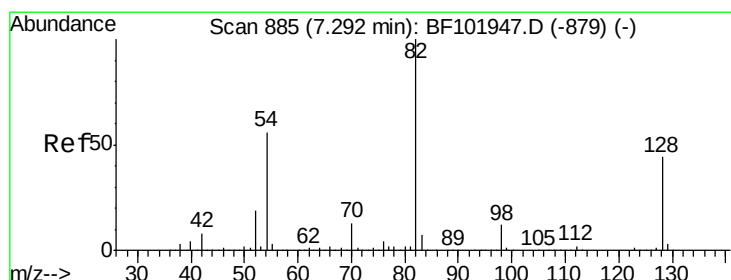
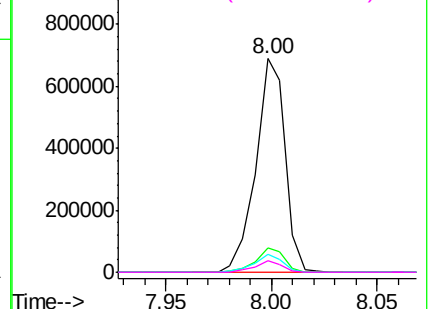
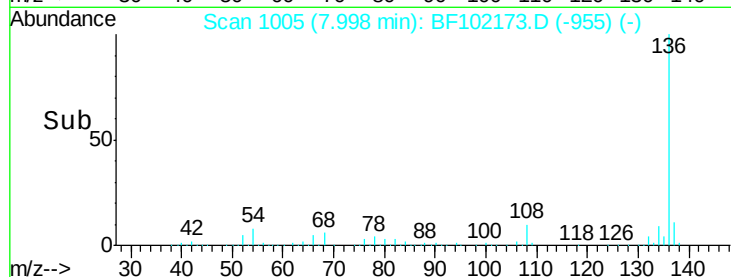


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.234 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

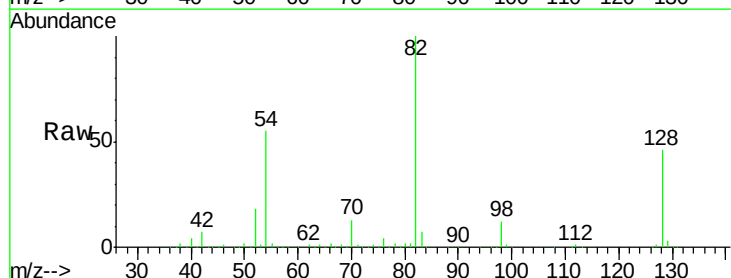
Tgt Ion: 82 Resp: 1079115

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

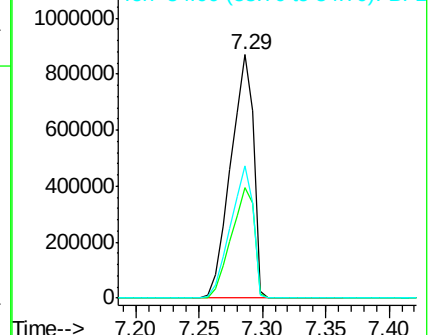
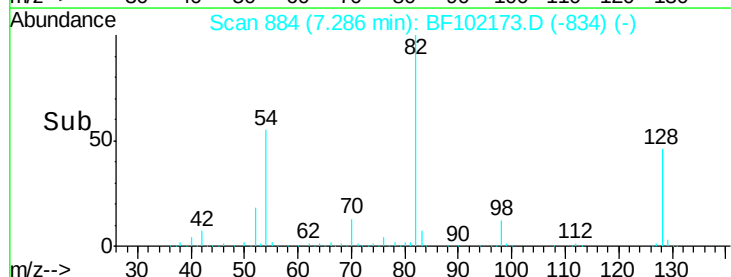
54 54.5 41.4 62.2

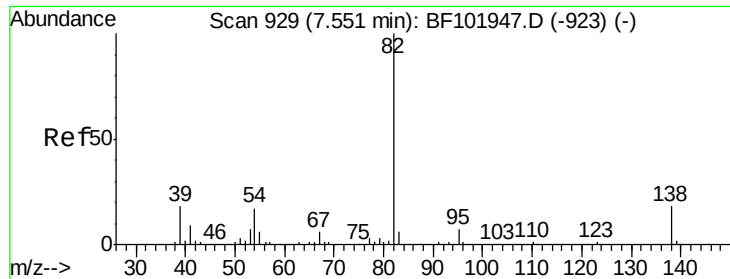


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

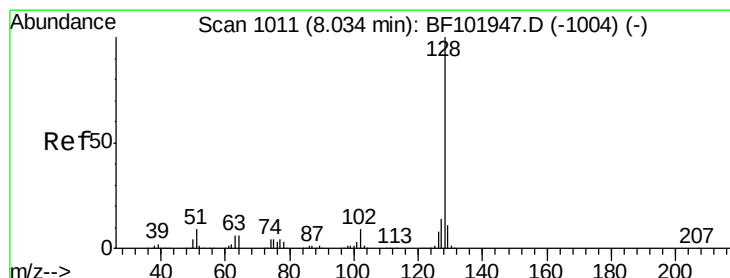
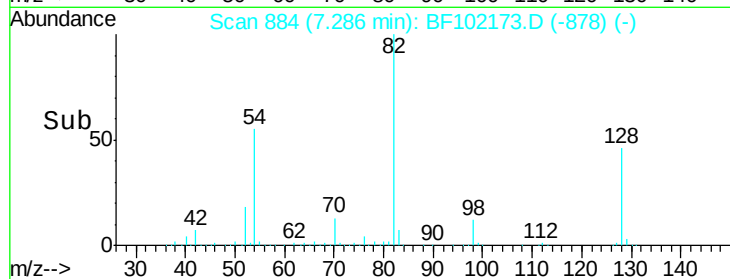
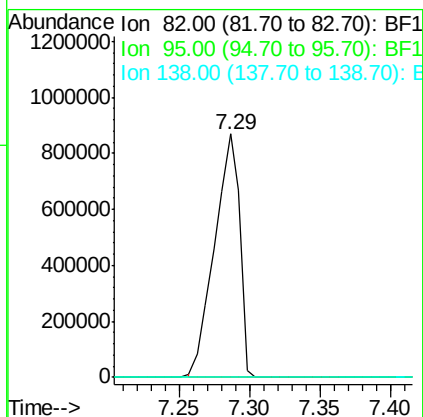
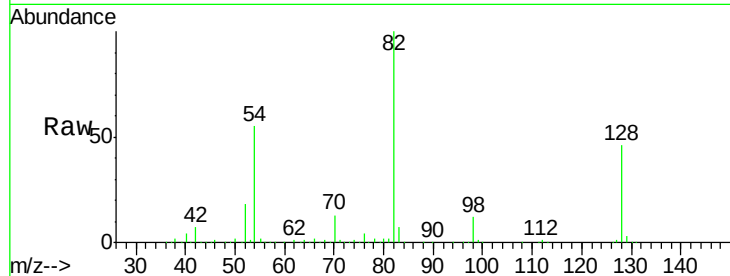




#25
Isophorone
Concen: 47.929 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

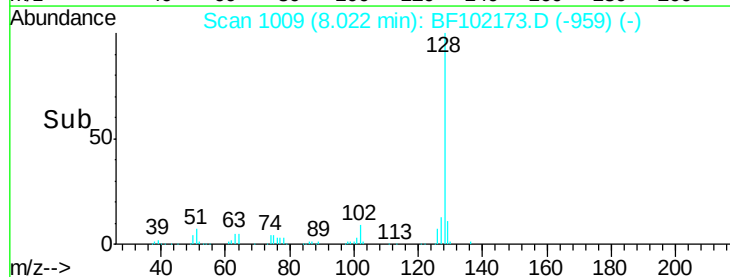
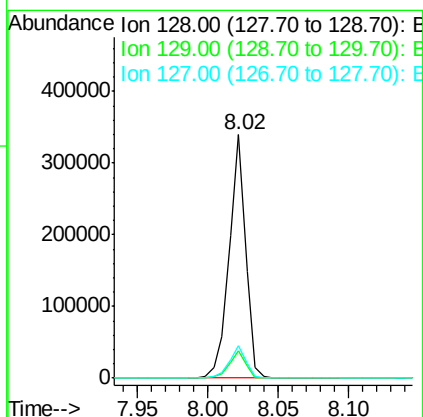
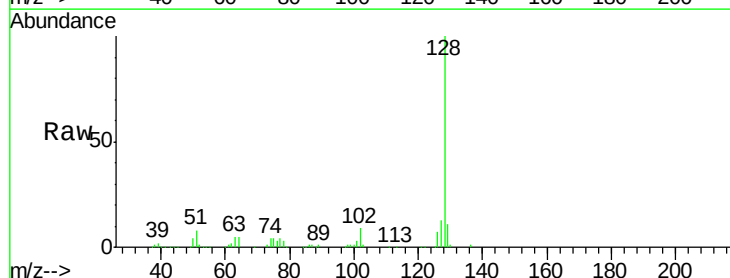
Instrument :
BNA_F
ClientSampled :

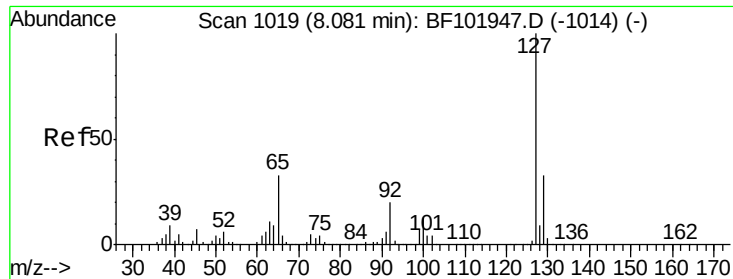
Tot Ion: 82 Resp: 1073095
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 8.341 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion: 128 Resp: 277532
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3

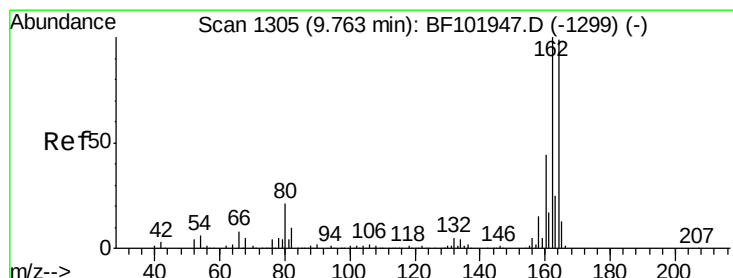
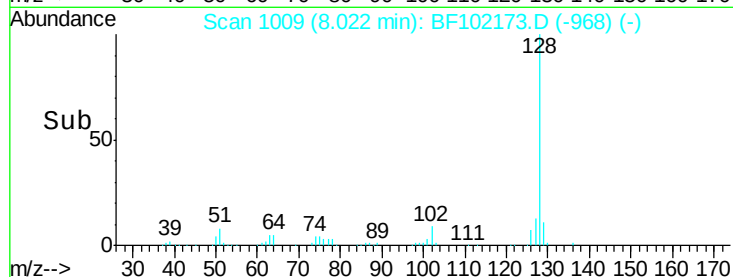
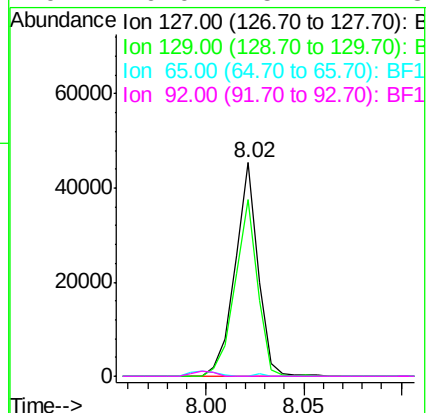
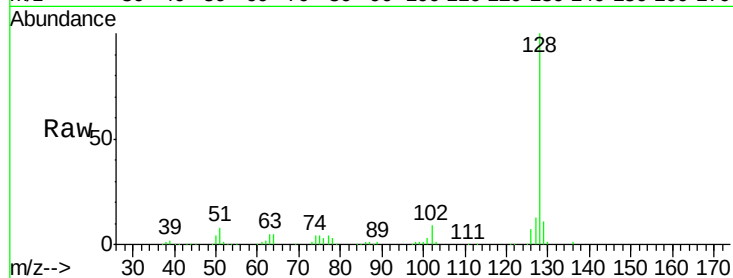




#33
4-Chloroaniline
Concen: 2.620 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

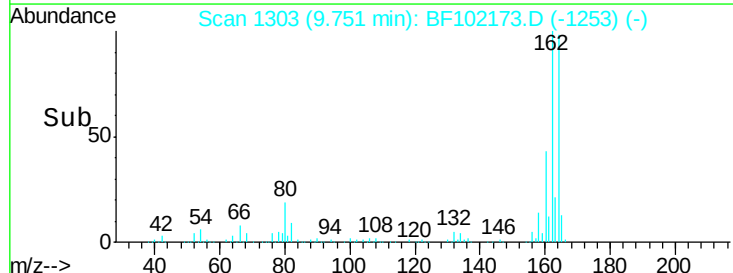
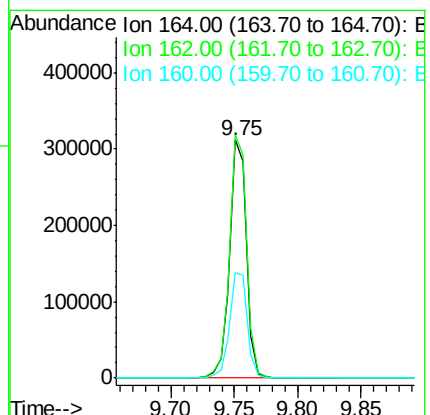
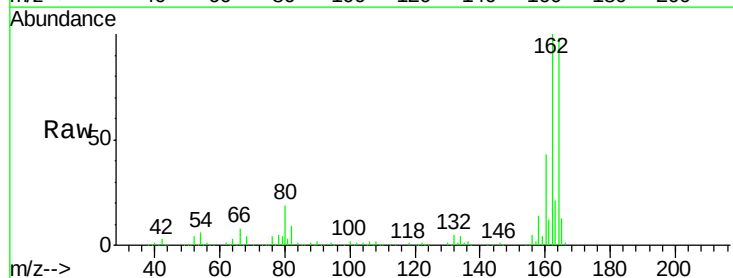
Instrument :
BNA_F
ClientSampleId :

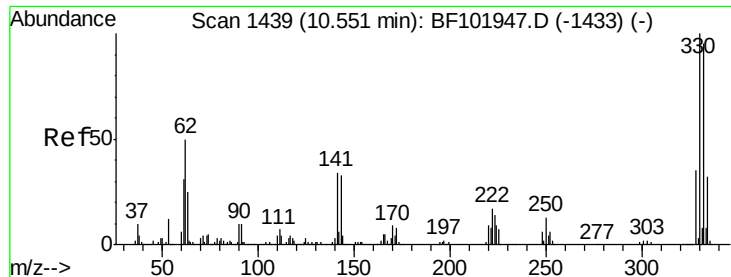
Tot Ion:127 Resp: 37200
Ion Ratio Lower Upper
127 100
129 82.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion:164 Resp: 284504
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 44.3 38.3 57.5

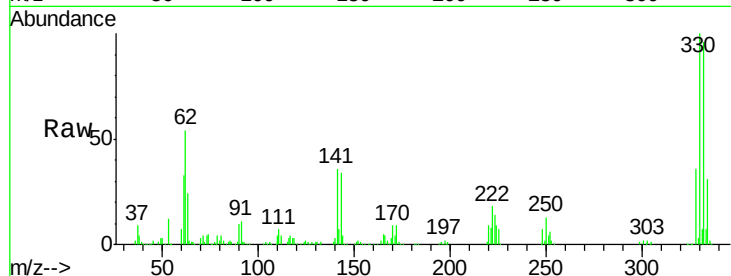




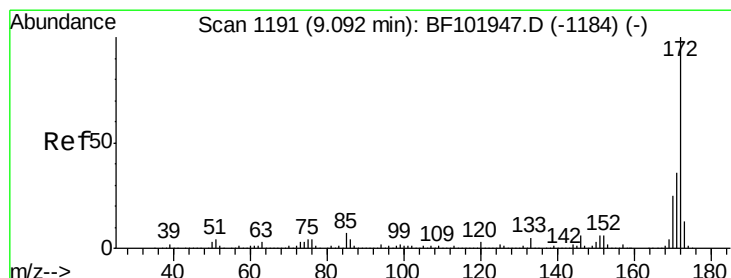
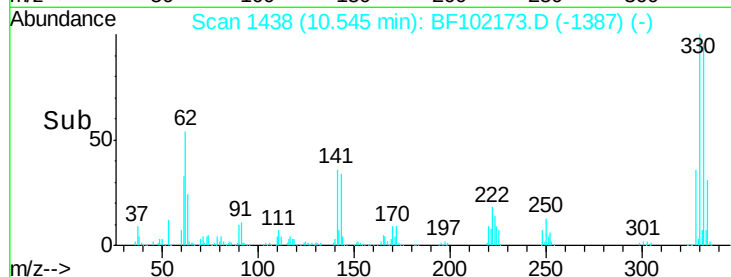
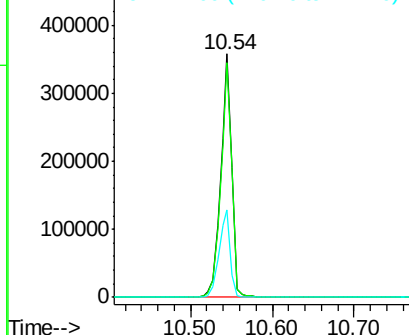
#41
 2,4,6-Tribromophenol
 Concen: 135.797 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.8	29.9	44.9

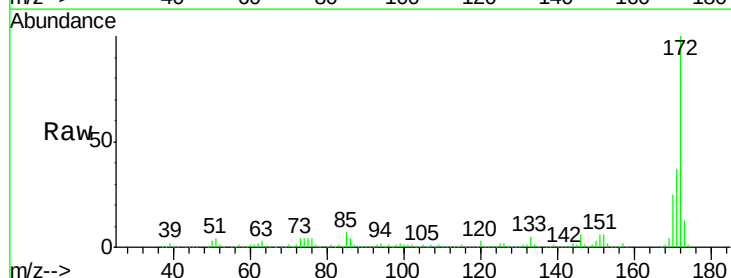


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

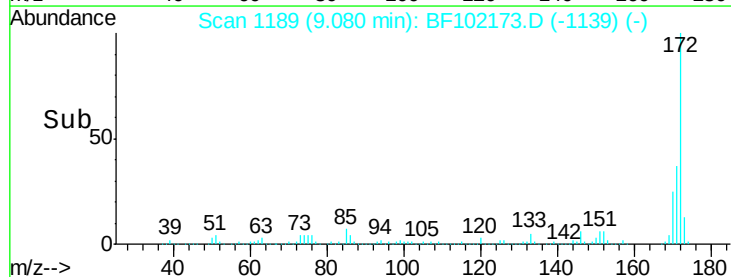
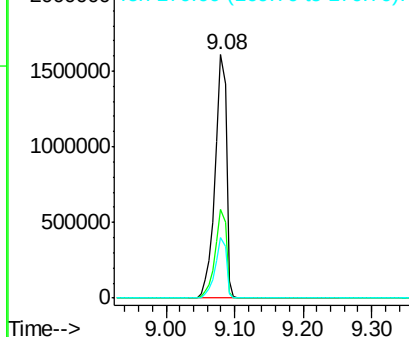


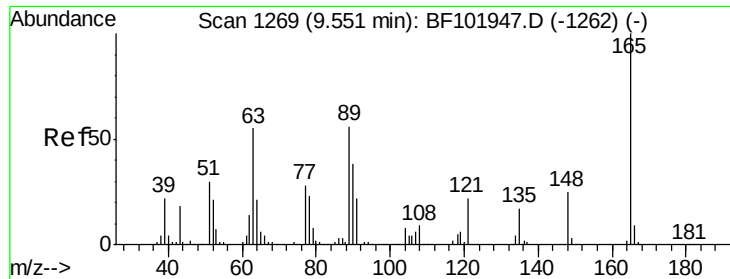
#44
 2-Fluorobiphenyl
 Concen: 99.125 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

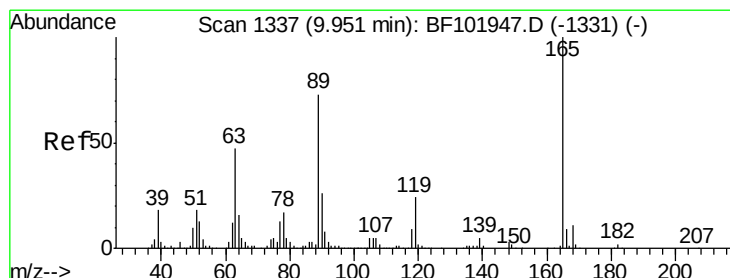
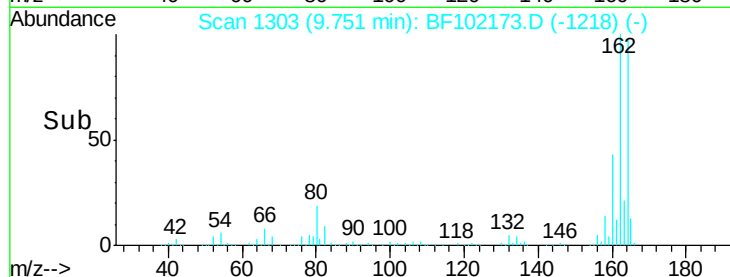
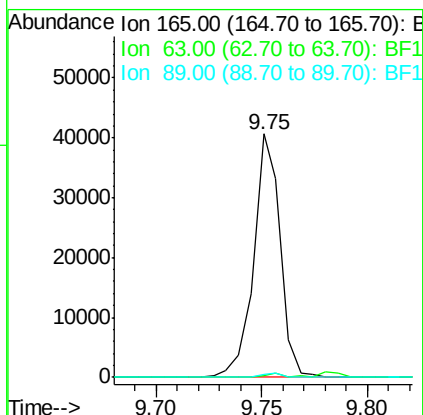
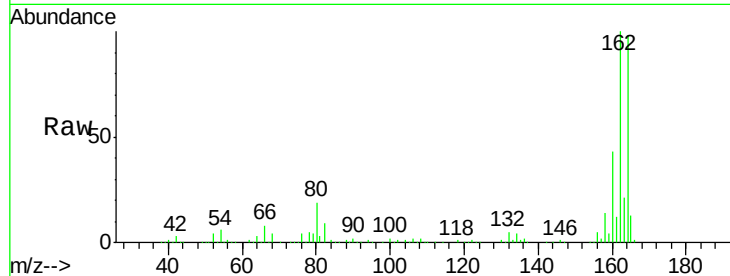




#50
2,6-Dinitrotoluene
Concen: 7.777 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

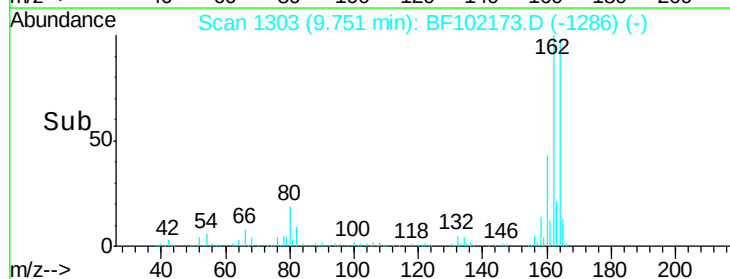
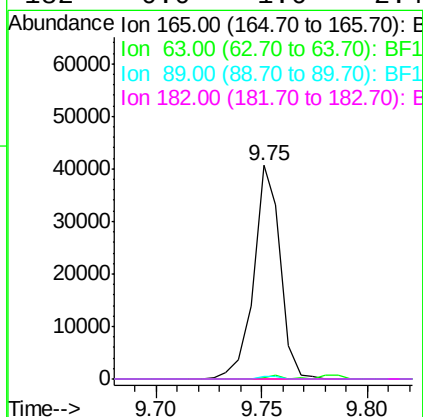
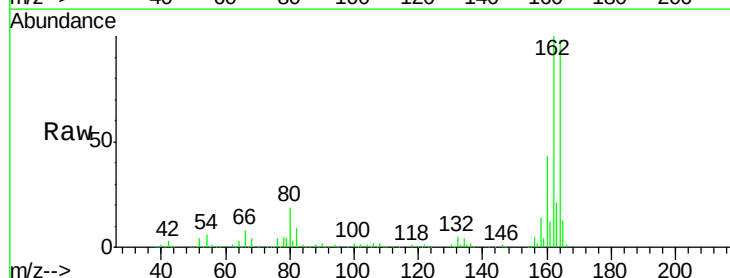
Instrument :
BNA_F
ClientSampleId :

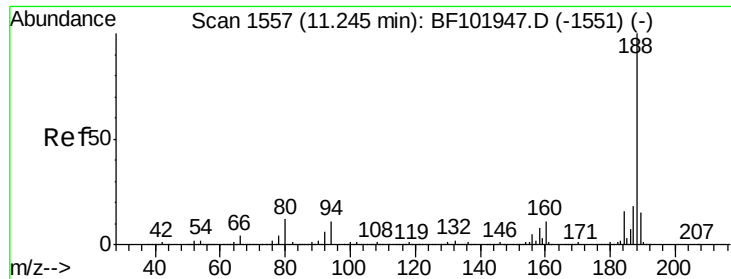
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.7	67.1#
89	1.3	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.205 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

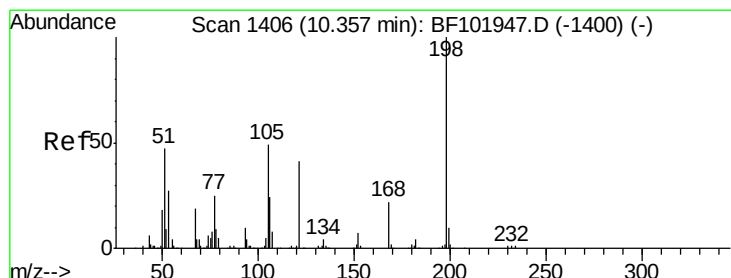
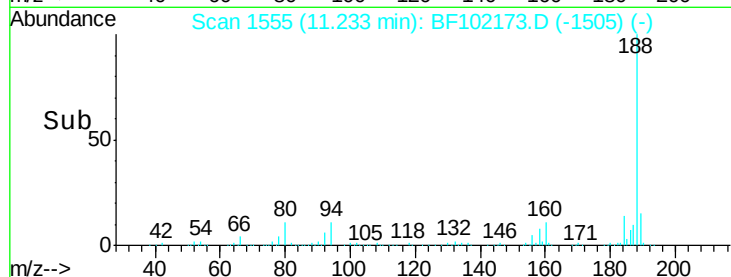
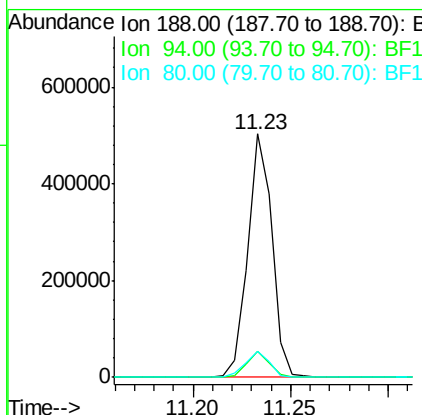
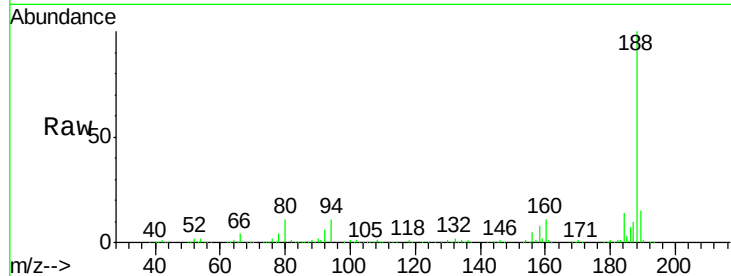




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

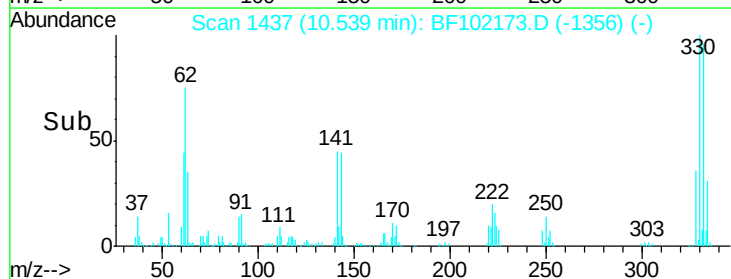
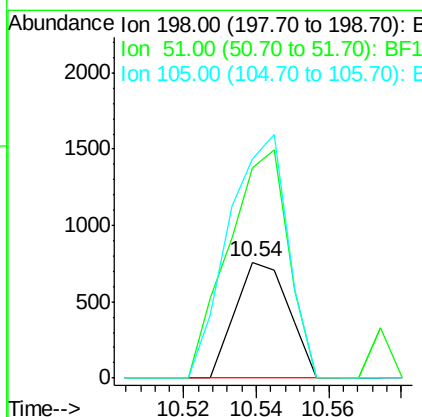
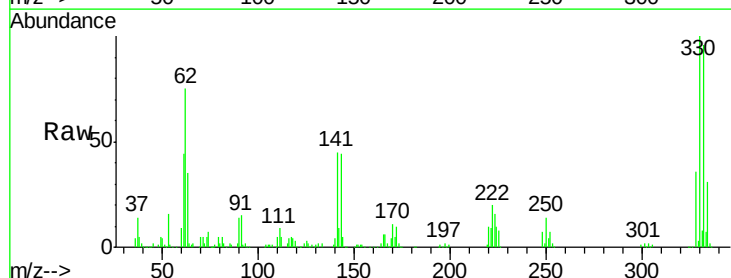
Instrument :
 BNA_F
 ClientSampleId :

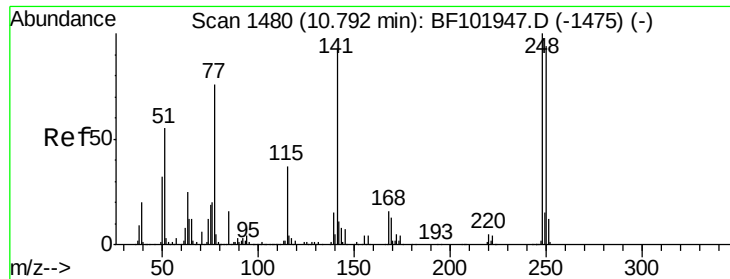
Tot Ion:188 Resp: 432560
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.956 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Tgt Ion:198 Resp: 782
 Ion Ratio Lower Upper
 198 100
 51 181.9 37.7 77.7#
 105 189.7 36.3 76.3#

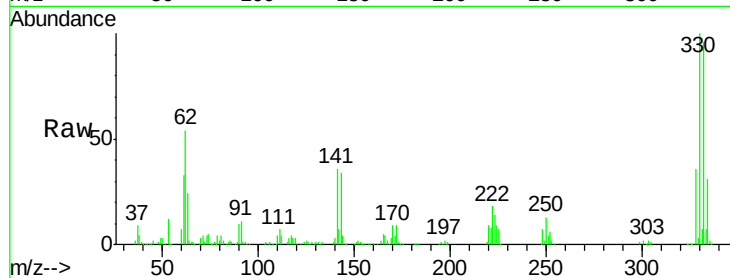




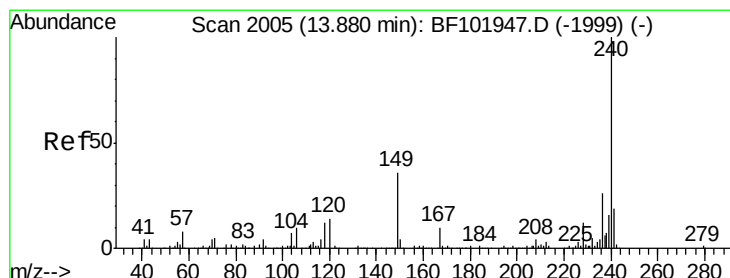
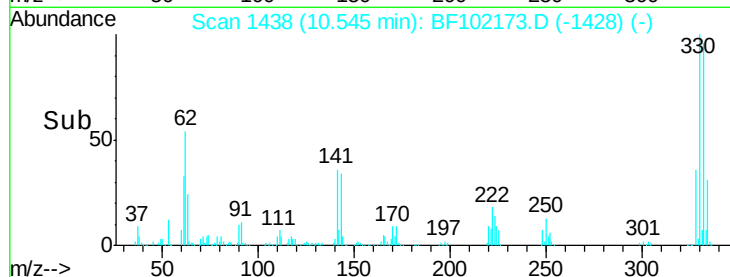
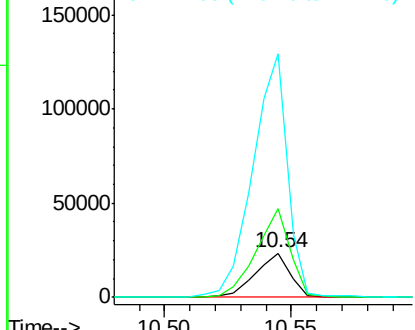
#66
4-Bromophenyl-phenylether
Concen: 4.790 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21882
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 554.3 74.4 111.6#

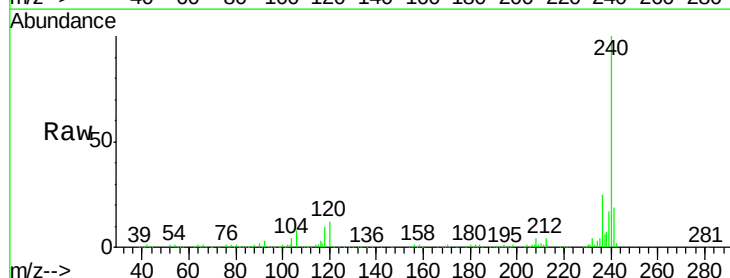


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

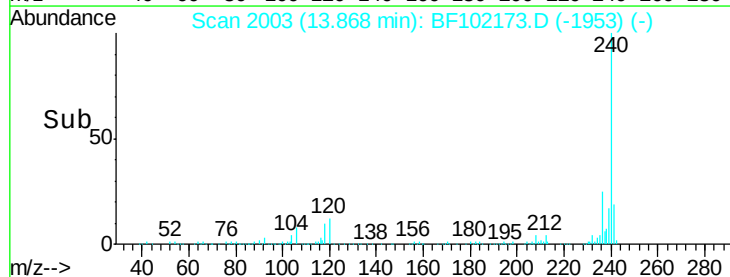
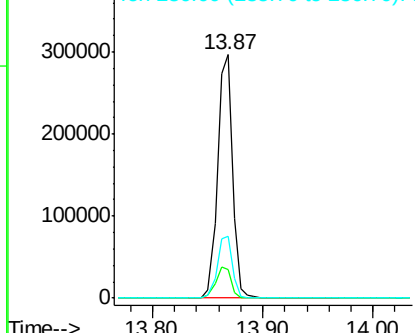


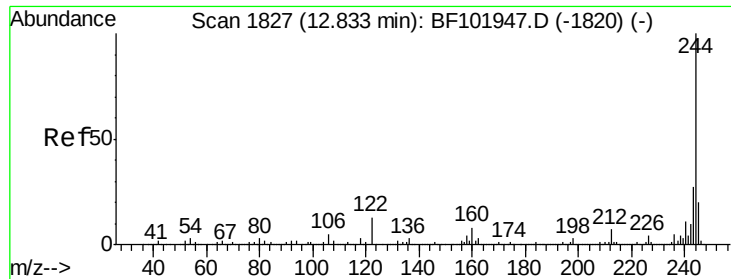
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion:240 Resp: 279001
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.4 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

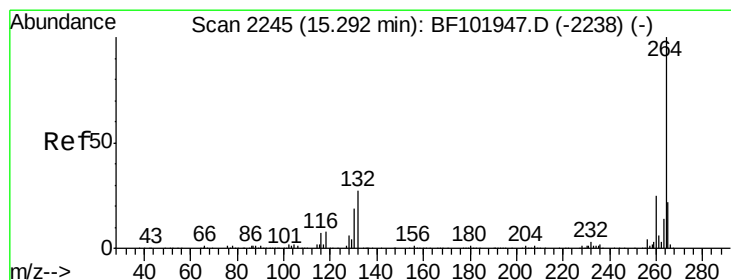
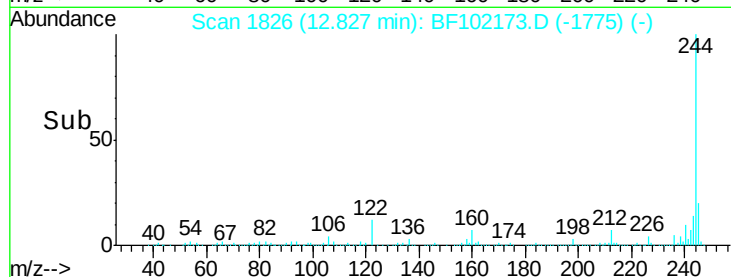
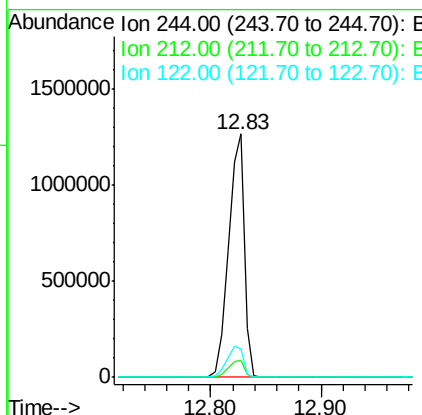
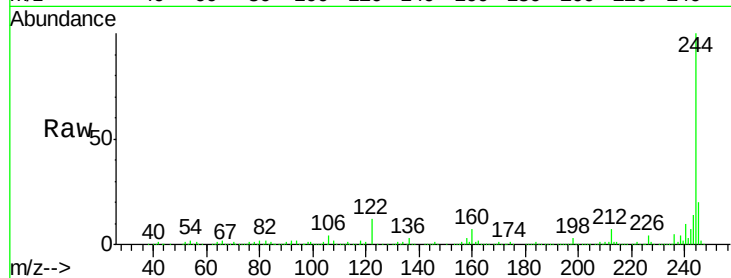




#78
 Terphenyl-d14
 Concen: 94.057 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1263912
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Tgt Ion:264 Resp: 273779
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.5 26.3

