

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102257.D
 Acq On : 20 Jan 2018 11:22
 Operator : SJ/JU
 Sample : J1114-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:20:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

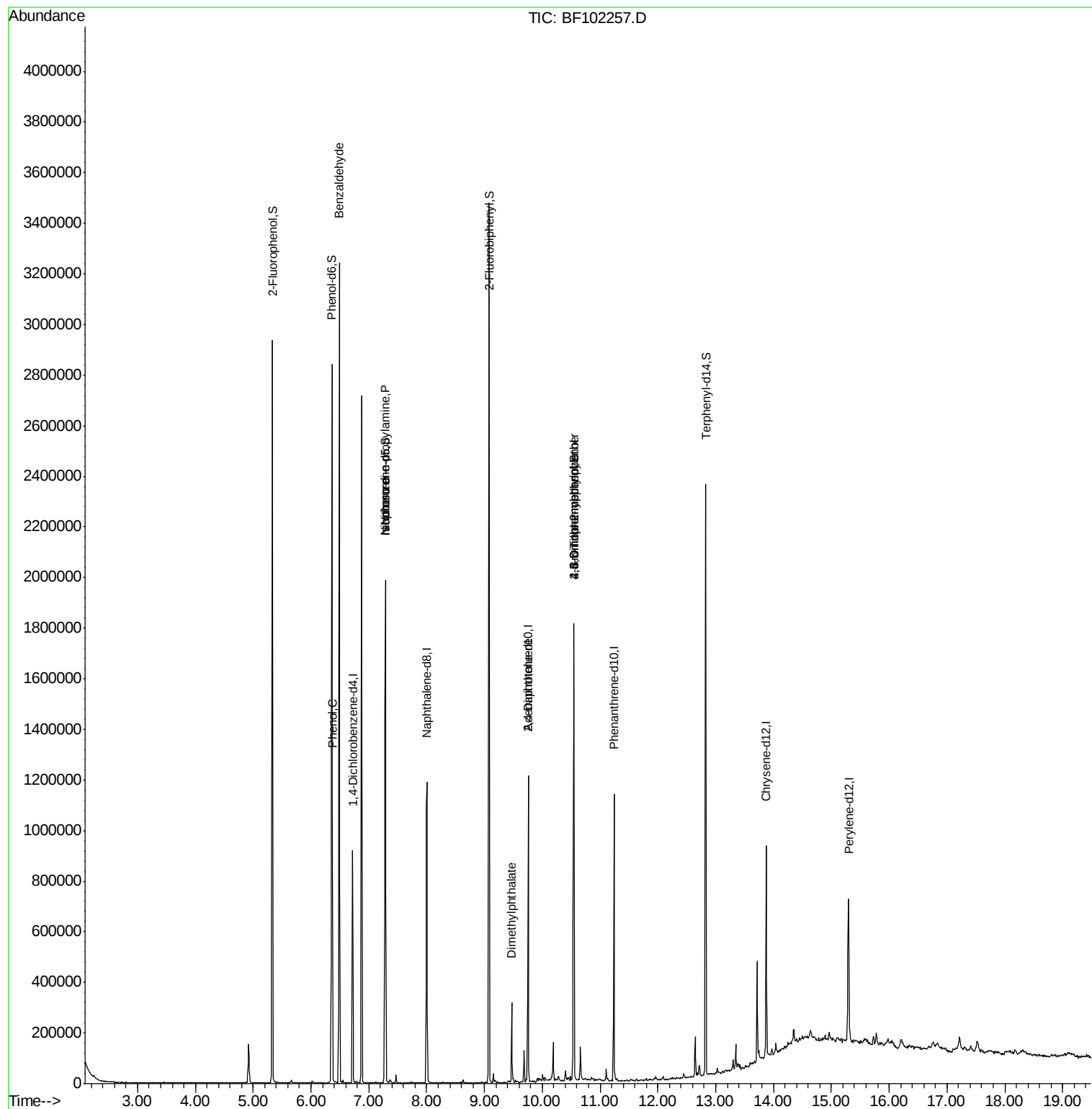
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139742	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	554374	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	234988	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	365592	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262235	20.00	ng	0.00
86) Perylene-d12	15.30	264	252331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	849827	85.87	ng	0.00
7) Phenol-d6	6.36	99	1007586	85.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	618925	65.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	200771	97.90	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1103749	73.38	ng	0.00
78) Terphenyl-d14	12.83	244	819267	64.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	18027	2.199	ng	82
10) Phenol	6.37	94	31974	2.396	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	83743	10.823	ng	# 78
25) Isophorone	7.29	82	618919	33.203	ng	# 64
49) Dimethylphthalate	9.47	163	115764	6.141	ng	99
56) 2,4-Dinitrotoluene	9.76	165	29675	6.288	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	421	5.849	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13365	3.462	ng	# 1

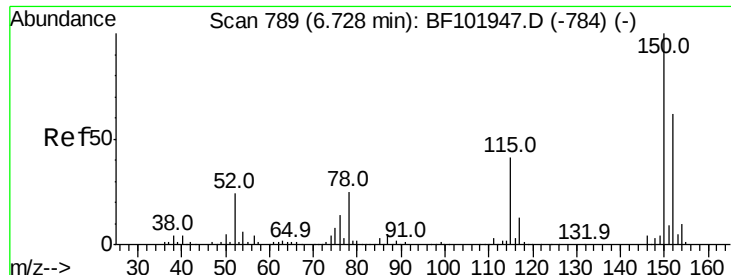
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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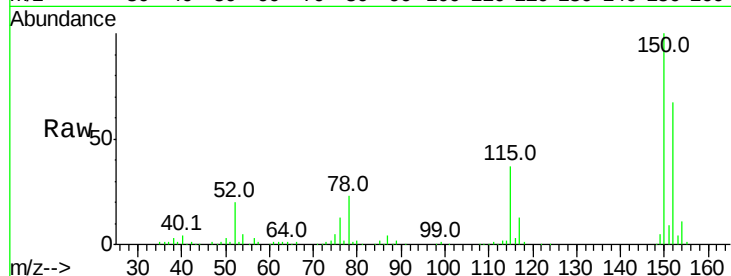


#1

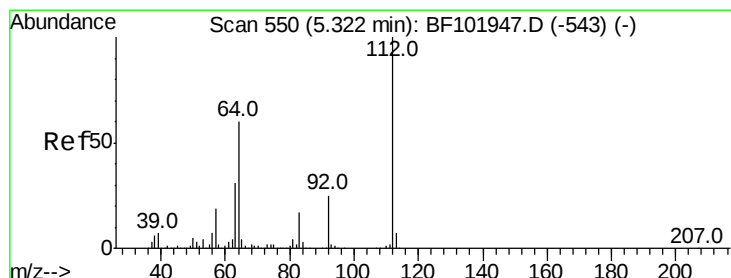
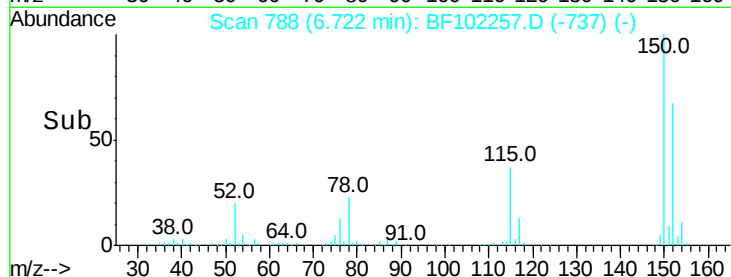
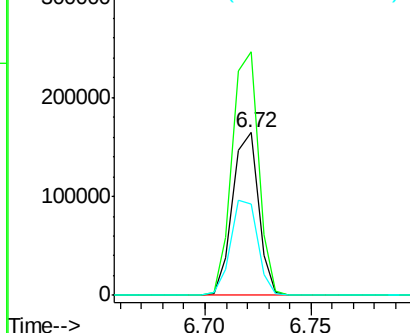
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139742
Ion Ratio Lower Upper
152 100
150 149.6 124.6 186.8
115 56.0 50.1 75.1



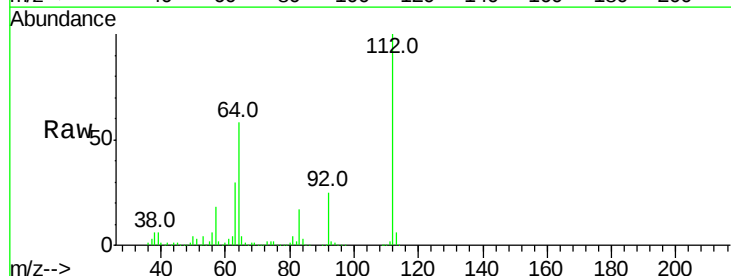
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



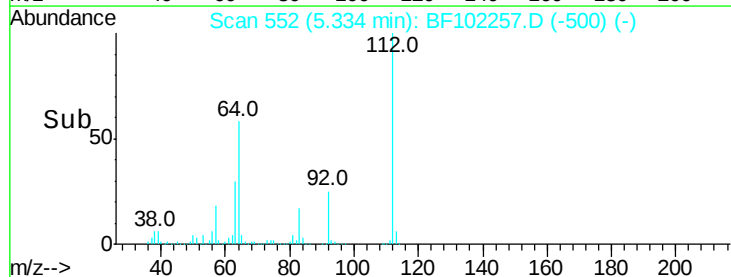
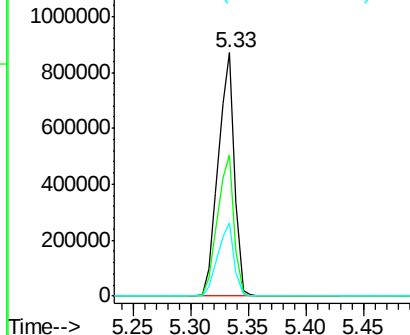
#5

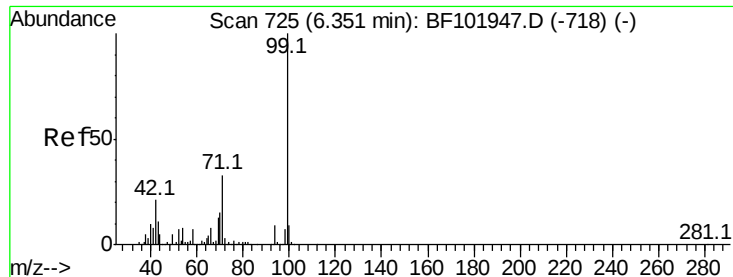
2-Fluorophenol
Concen: 85.874 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion:112 Resp: 849827
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.9 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: 85.337 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

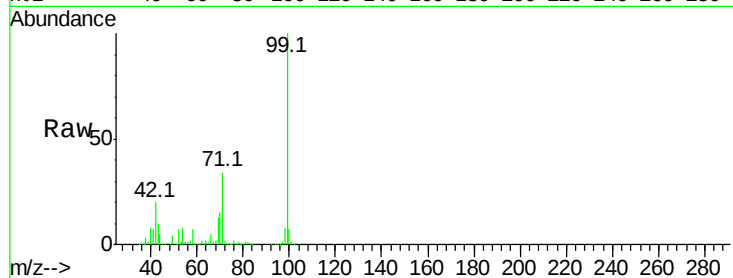
Tot Ion: 99 Resp: 1007586

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

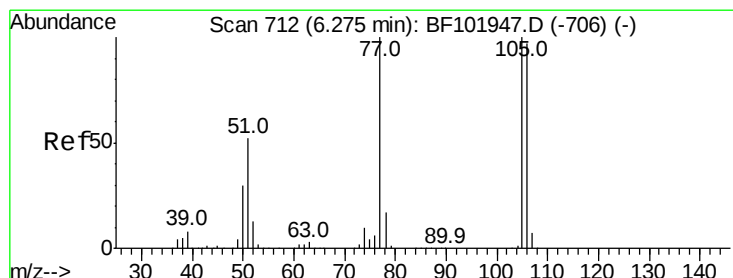
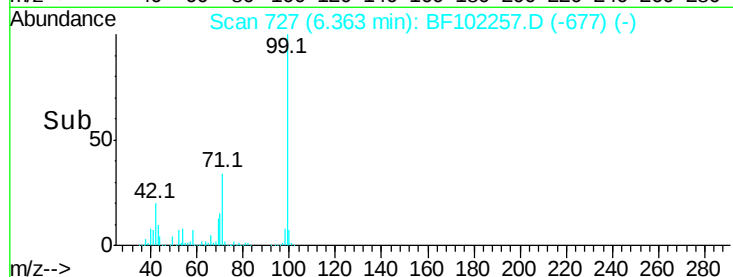
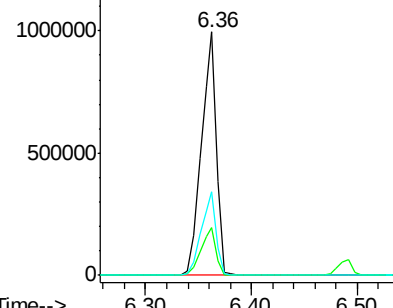
71 34.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.199 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

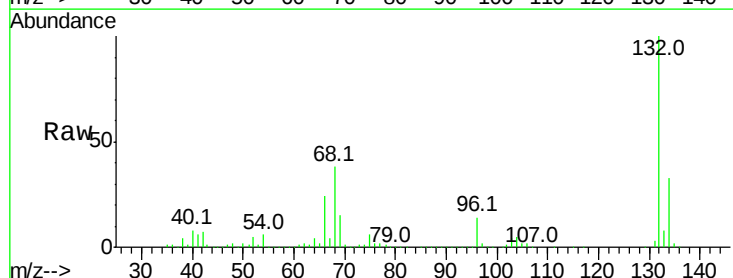
Tgt Ion: 77 Resp: 18027

Ion Ratio Lower Upper

77 100

105 84.2 81.1 121.1

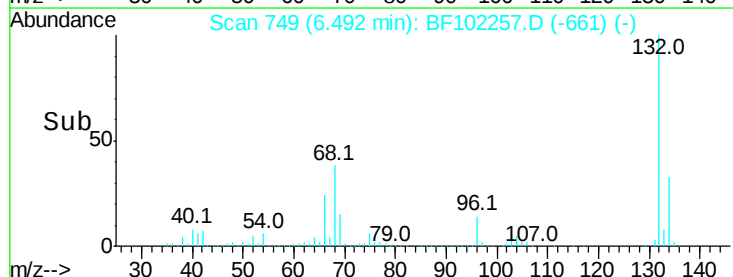
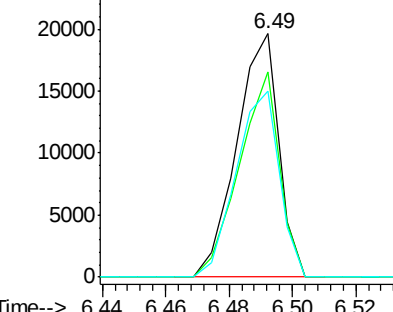
106 76.5 74.5 114.5

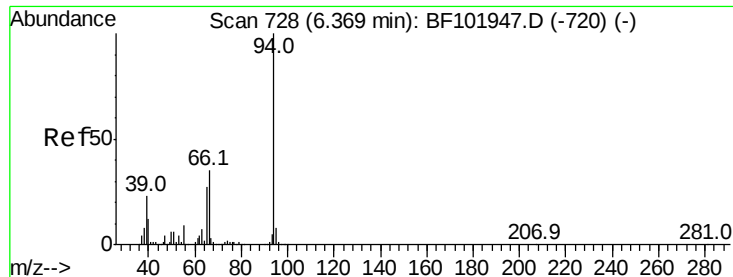


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.396 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

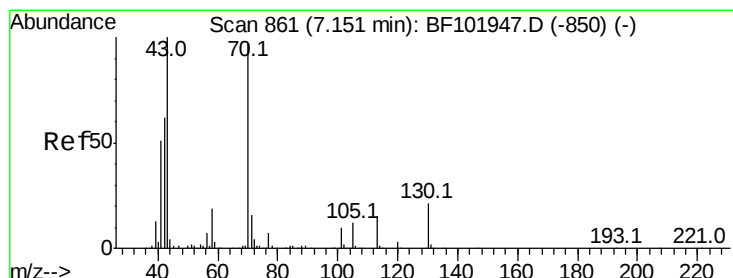
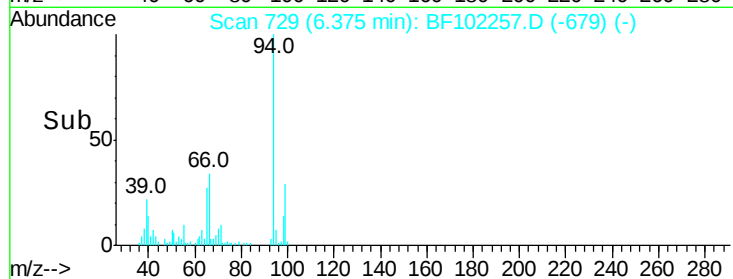
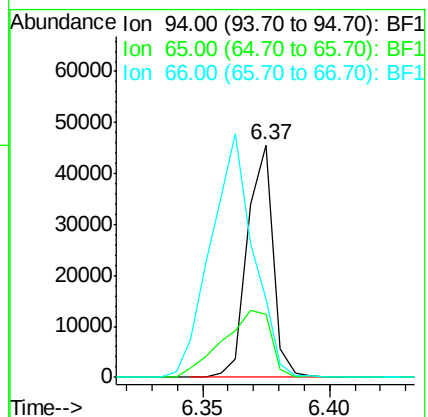
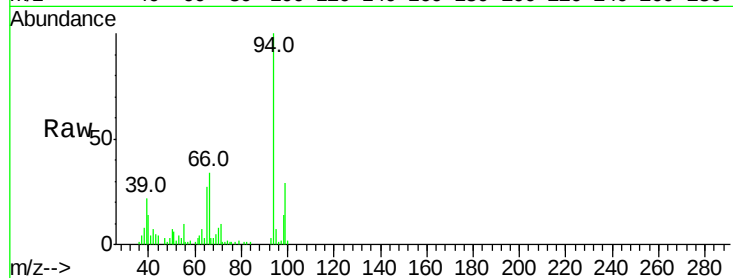
Tot Ion: 94 Resp: 31974

Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

66 34.0 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.823 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Tgt Ion: 70 Resp: 83743

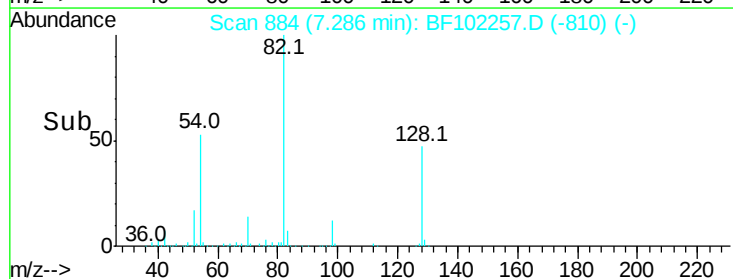
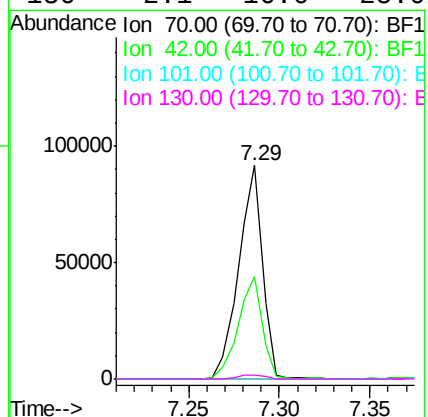
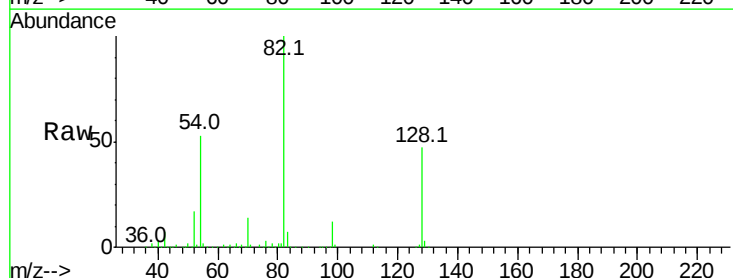
Ion Ratio Lower Upper

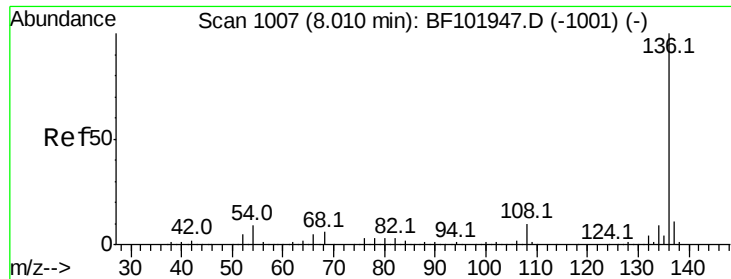
70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

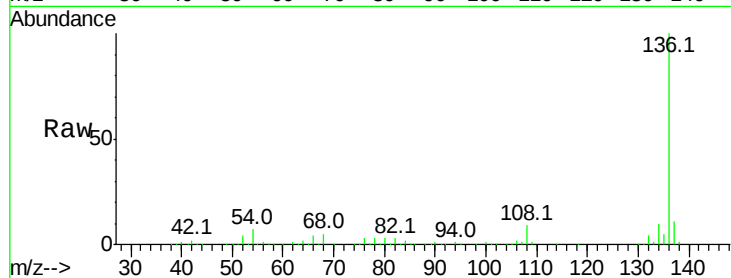




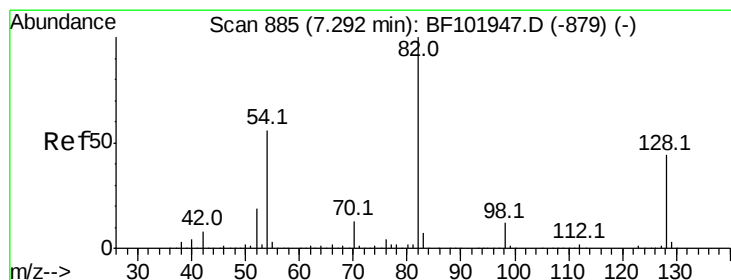
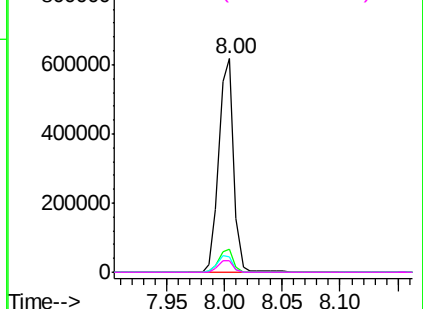
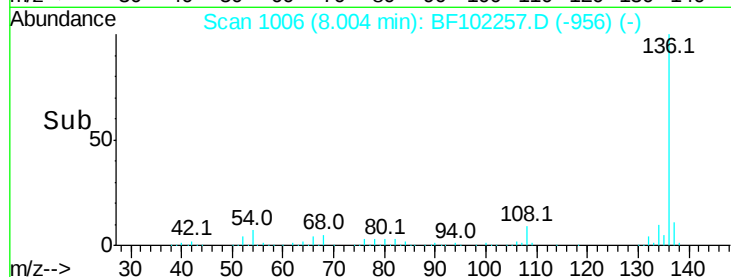
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	554374
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.3	6.6 9.8
68	5.1	5.0 7.4

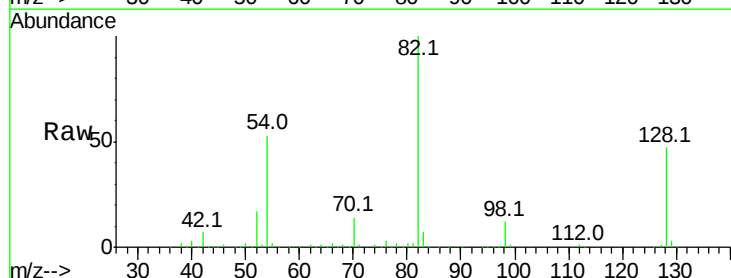


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

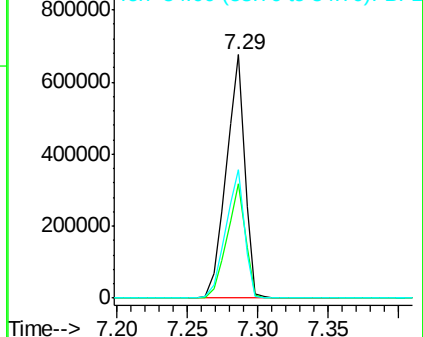
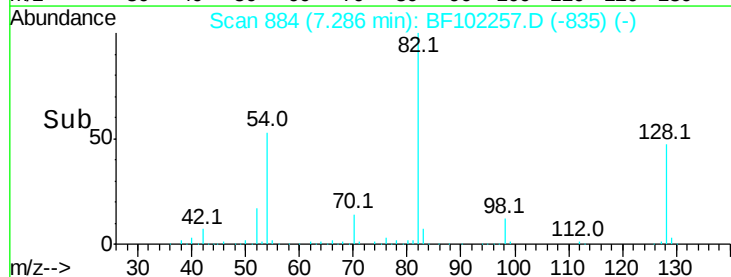


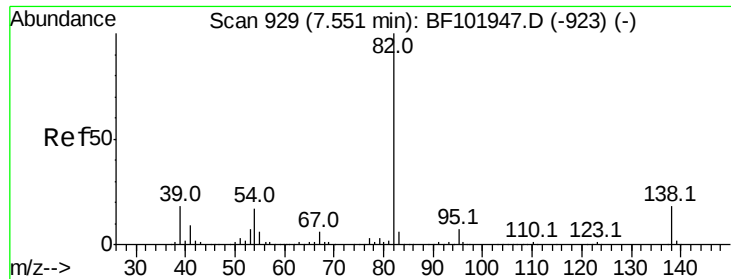
#23
Nitrobenzene-d5
Concen: 65.607 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion: 82	Resp:	618925
Ion	Ratio	Lower Upper
82	100	
128	47.2	36.1 54.1
54	52.9	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: 33.203 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

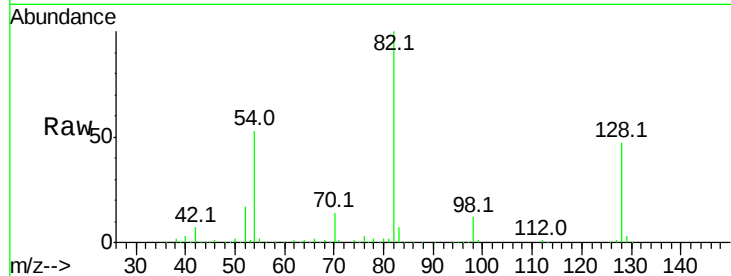
Tot Ion: 82 Resp: 618919

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

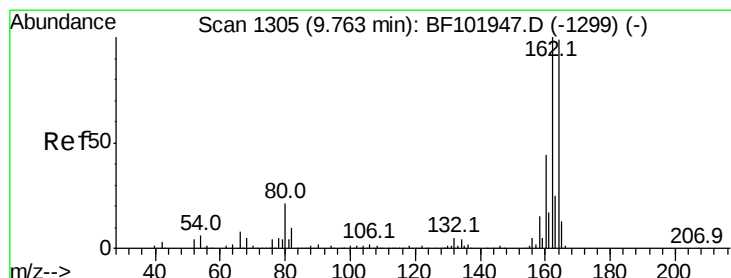
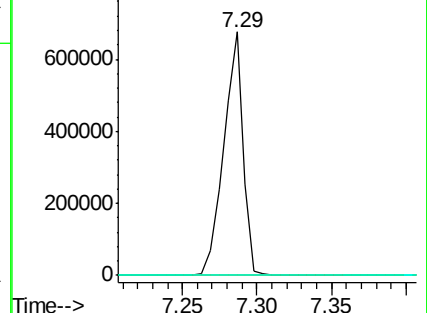
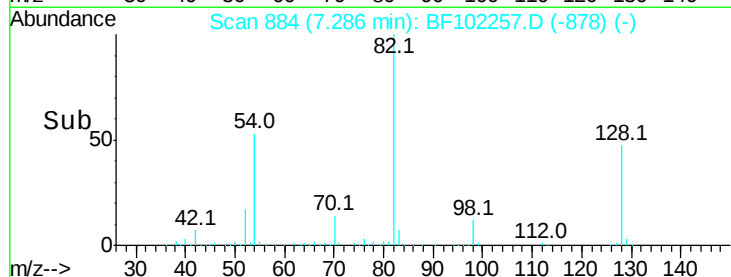
138 0.0 14.9 22.3#



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# 1304

Delta R.T. 0.00 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

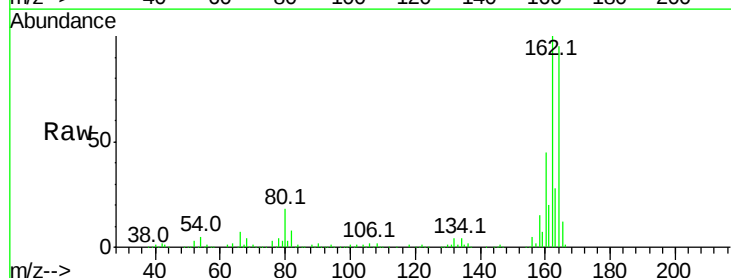
Tgt Ion:164 Resp: 234988

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

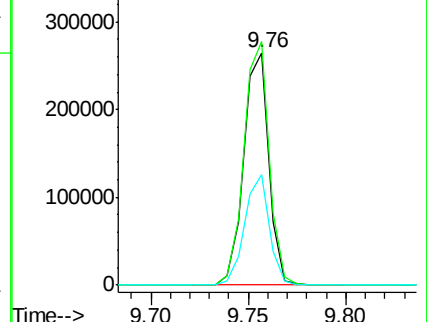
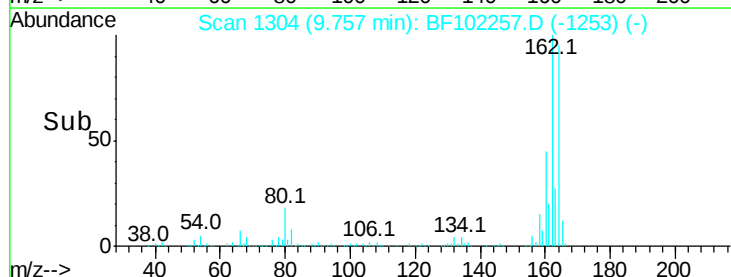
160 47.3 38.3 57.5

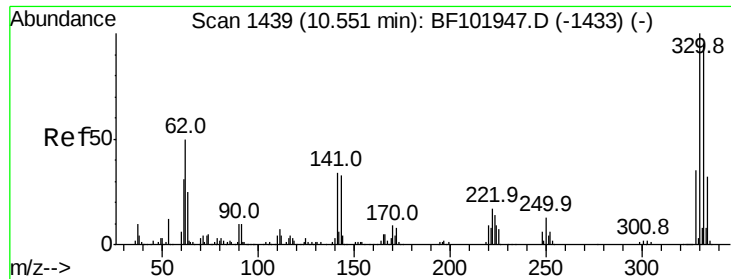


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

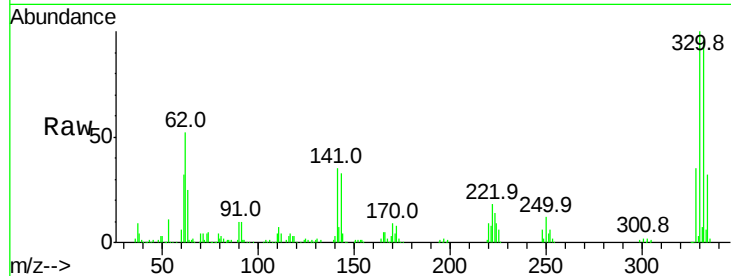




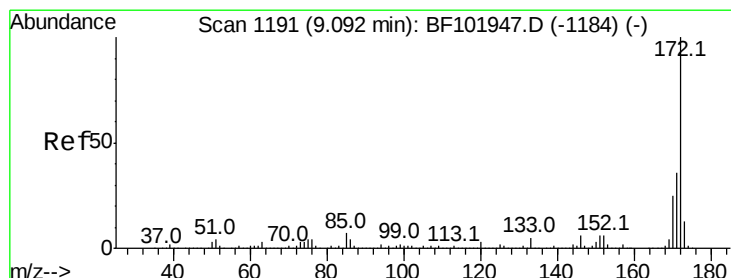
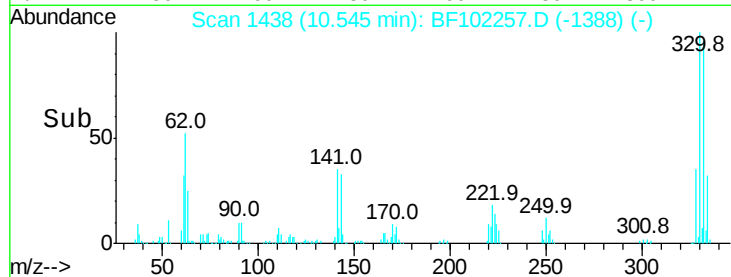
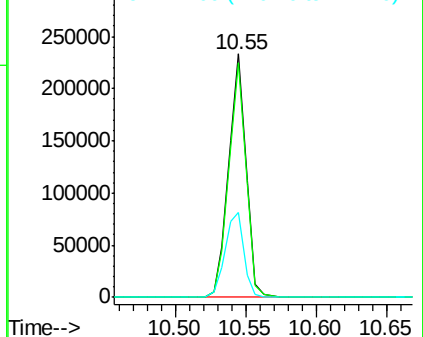
#41
 2,4,6-Tribromophenol
 Concen: 97.903 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 200771
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.8 29.9 44.9

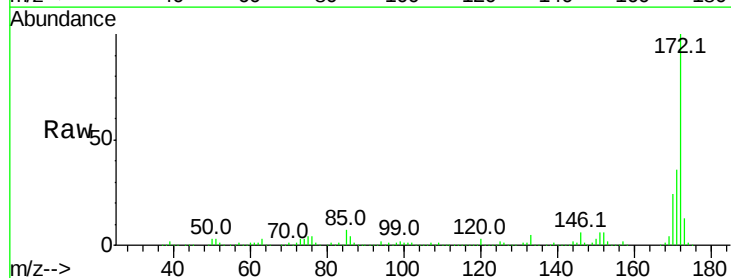


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

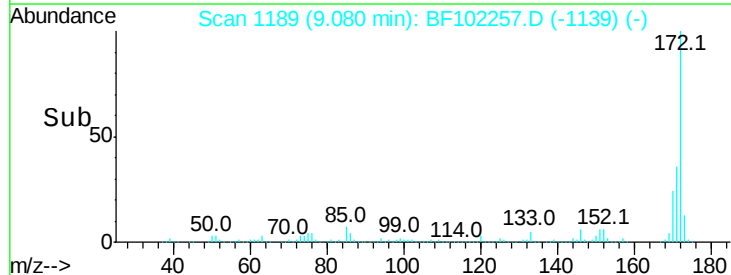
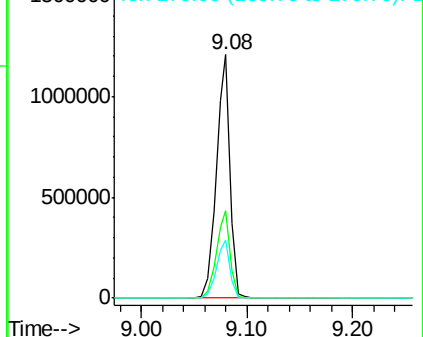


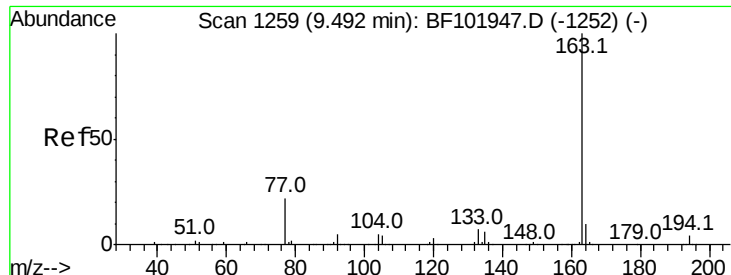
#44
 2-Fluorobiphenyl
 Concen: 73.381 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Tgt Ion:172 Resp: 1103749
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 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

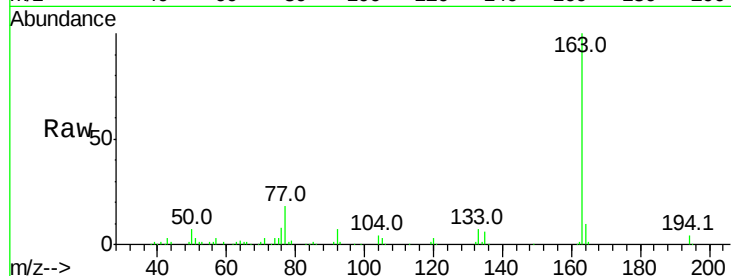




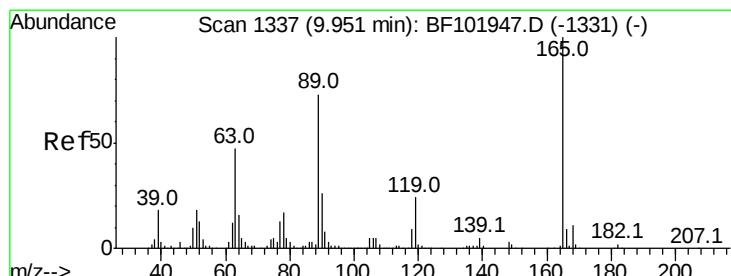
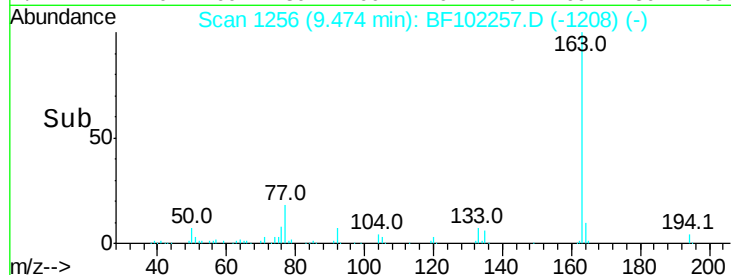
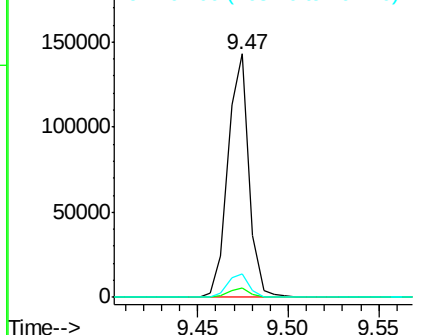
#49
 Dimethylphthalate
 Concen: 6.141 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	115764
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

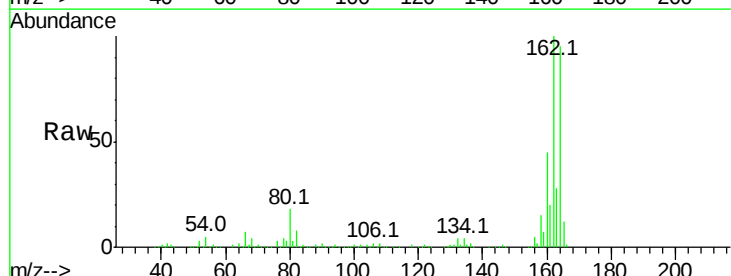


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

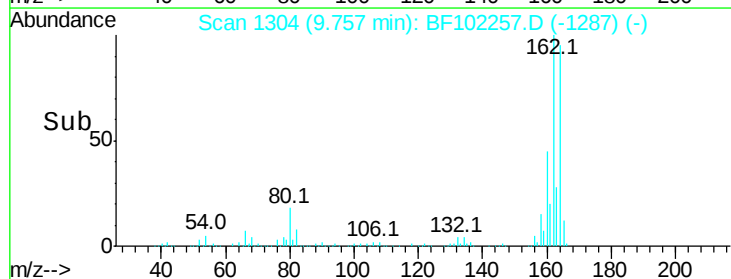
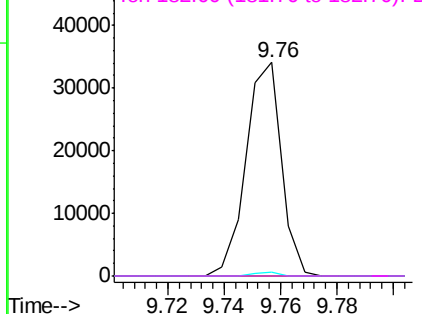


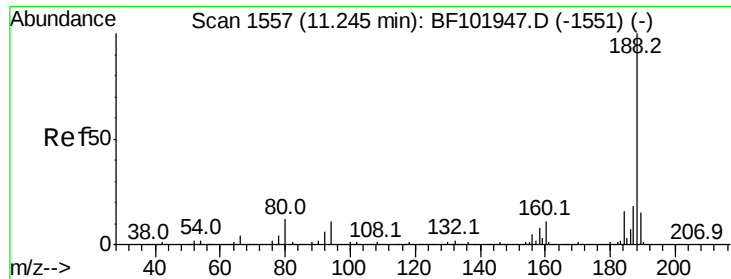
#56
 2,4-Dinitrotoluene
 Concen: 6.288 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Tgt Ion:	165	Resp:	29675
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	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

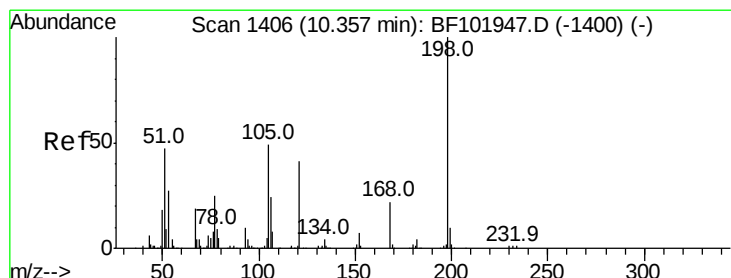
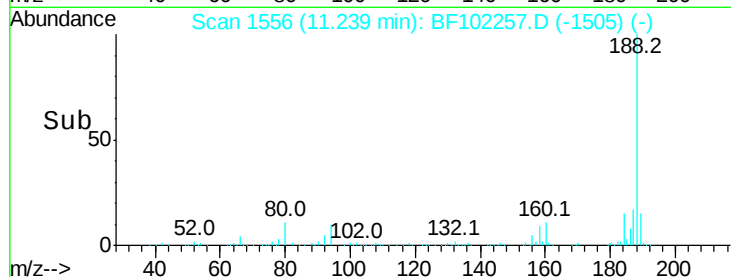
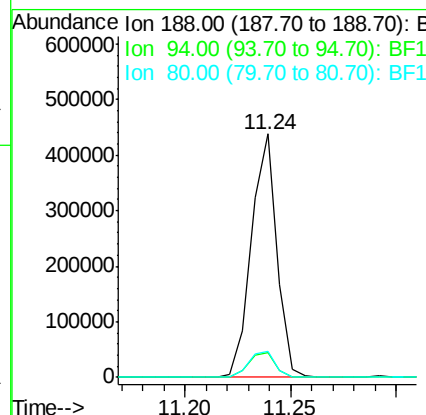
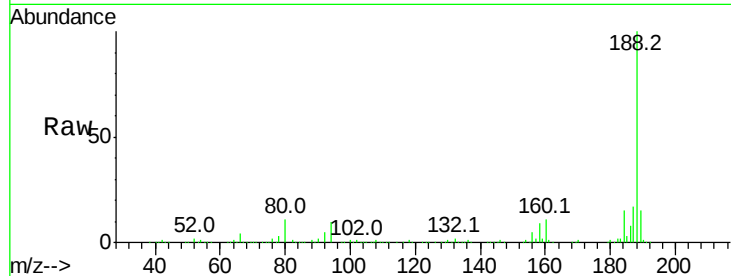




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

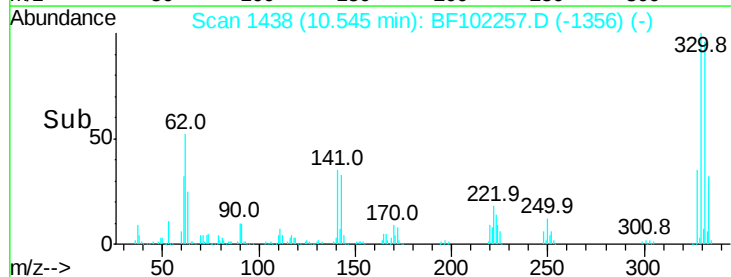
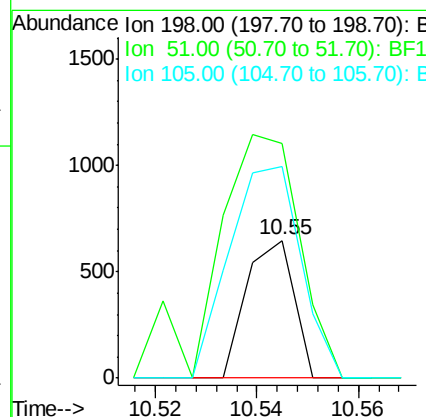
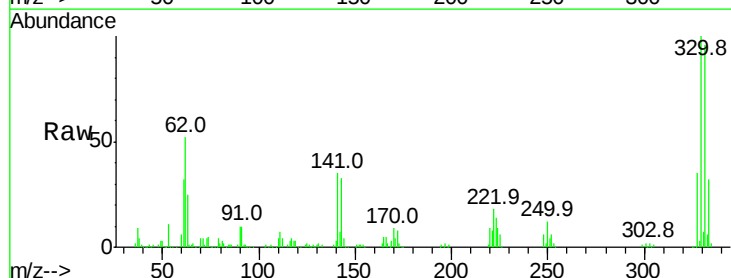
Instrument :
BNA_F
ClientSampleId :

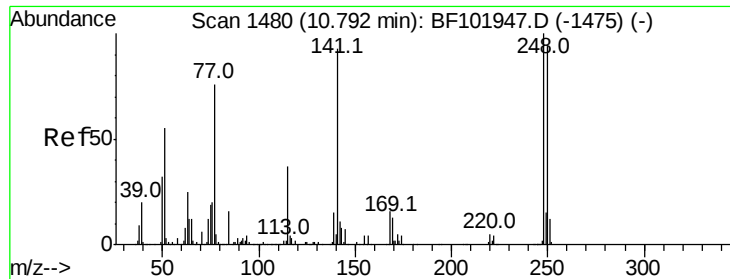
Tot Ion:188 Resp: 365592
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.849 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion:198 Resp: 421
Ion Ratio Lower Upper
198 100
51 170.3 37.7 77.7#
105 154.3 36.3 76.3#

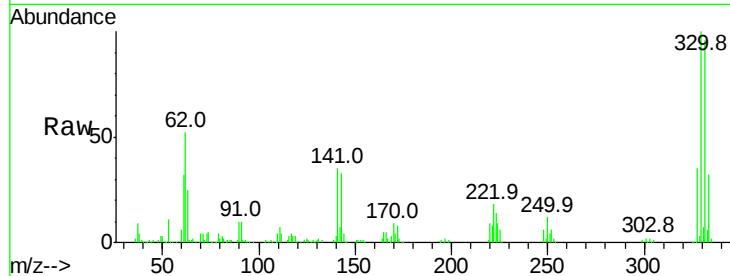




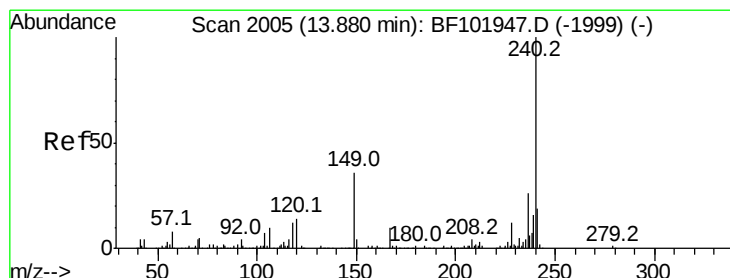
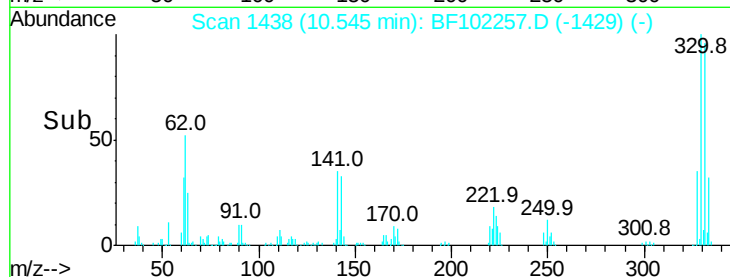
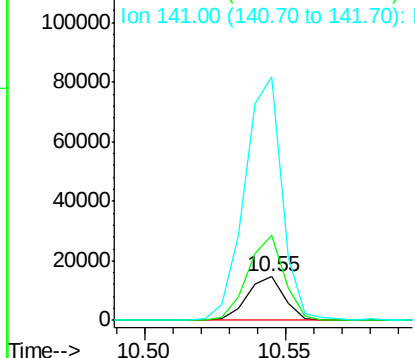
#66
4-Bromophenyl-phenylether
Concen: 3.462 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13365
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 558.3 74.4 111.6#

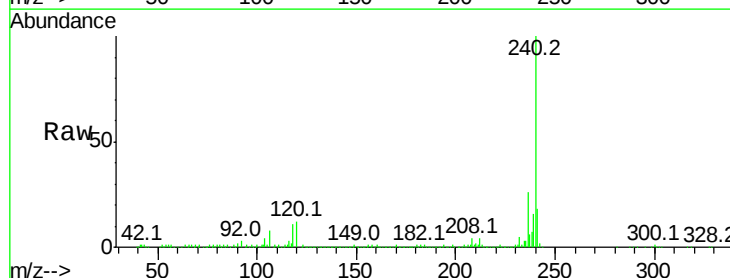


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

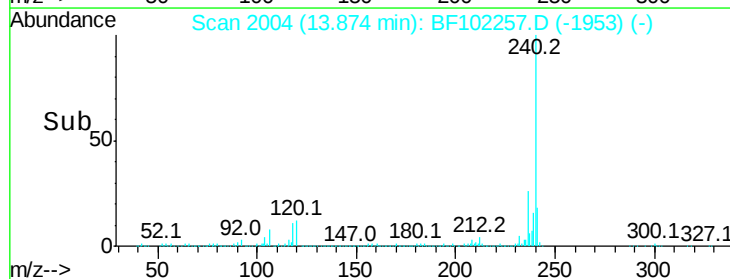
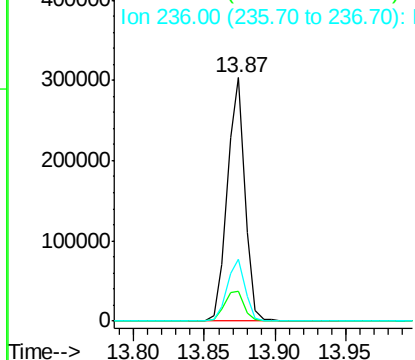


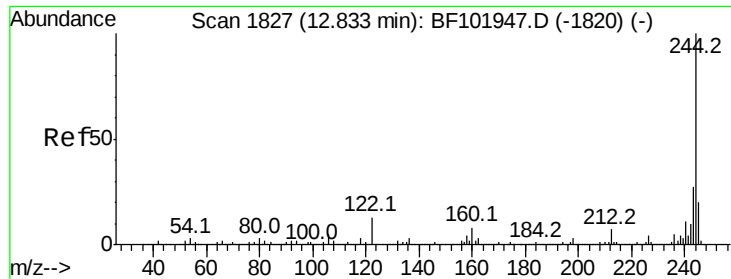
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion:240 Resp: 262235
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 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

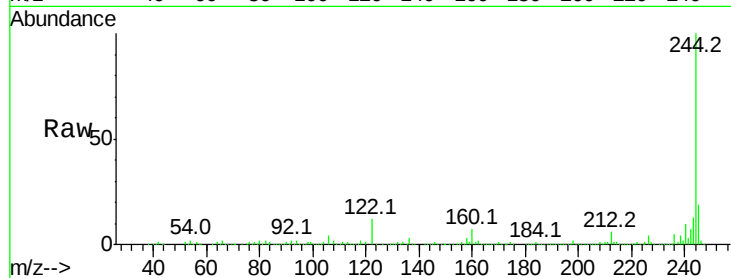




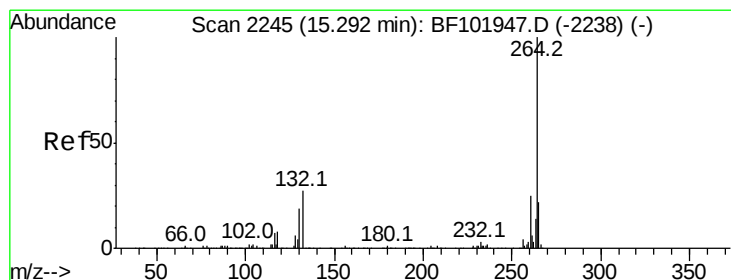
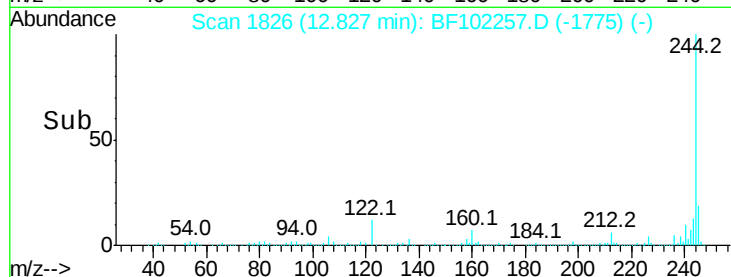
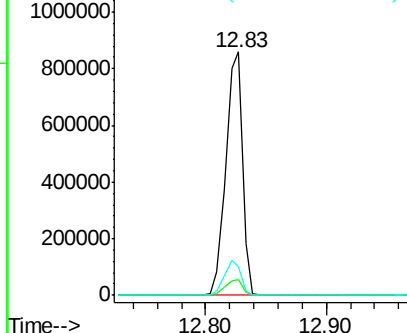
#78
 Terphenyl-d14
 Concen: 64.866 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 819267
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.0 11.0 16.4

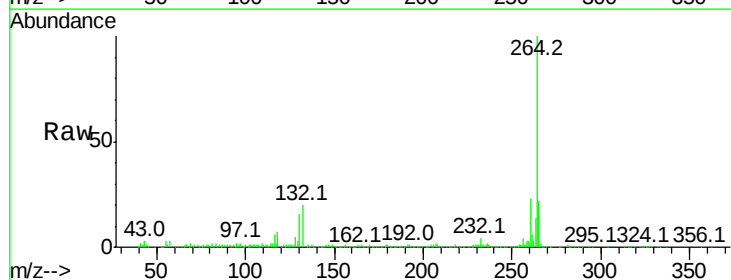


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Tgt Ion:264 Resp: 252331
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

