

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102253.D
 Acq On : 20 Jan 2018 9:34
 Operator : SJ/JU
 Sample : J1114-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:18:55 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

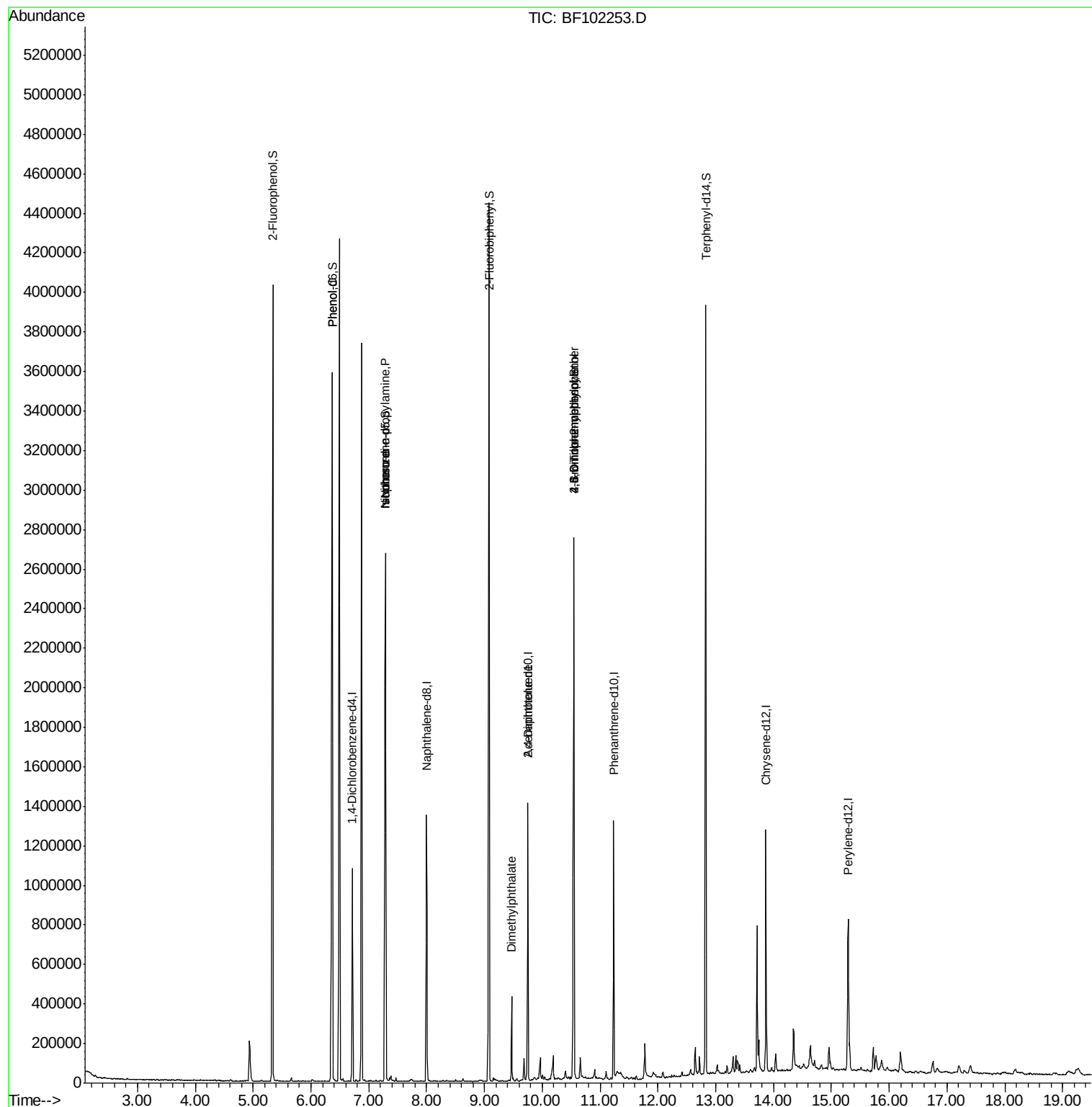
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144790	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	586175	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	262776	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	467110	20.00	ng	0.00
75) Chrysene-d12	13.87	240	406650	20.00	ng	0.00
86) Perylene-d12	15.29	264	317498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1296230	126.42	ng	0.01
7) Phenol-d6	6.37	99	1572420	128.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	1004061	100.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	358717	156.43	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1585297	94.25	ng	0.00
78) Terphenyl-d14	12.83	244	1519287	77.57	ng	0.00
Target Compounds						
10) Phenol	6.37	94	48952	3.541	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	133431	16.643	ng	# 80
25) Isophorone	7.29	82	1004050	50.942	ng	# 64
49) Dimethylphthalate	9.47	163	156444	7.421	ng	99
56) 2,4-Dinitrotoluene	9.75	165	33241	6.298	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	712	5.910	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	22708	4.603	ng	# 1

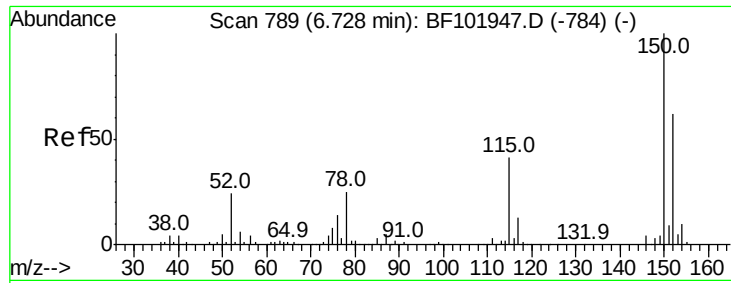
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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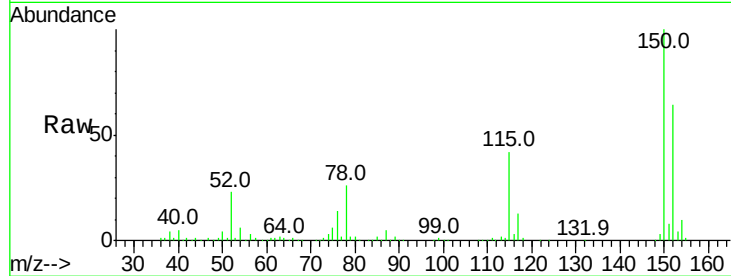


#1

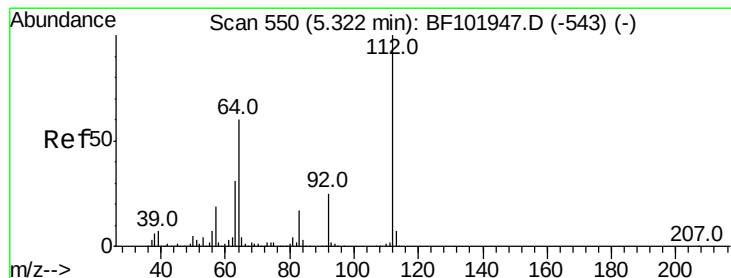
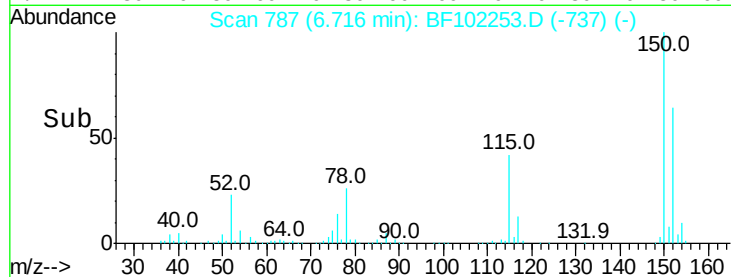
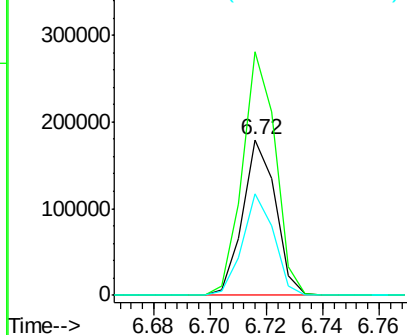
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144790
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 64.9 50.1 75.1



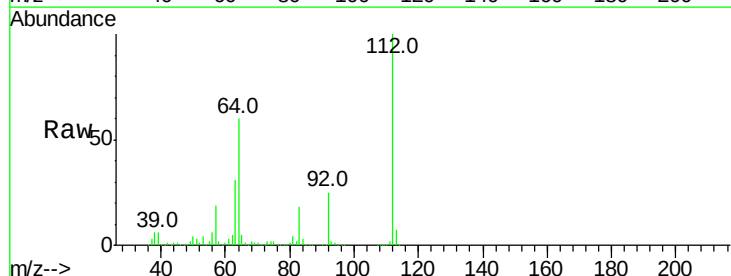
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



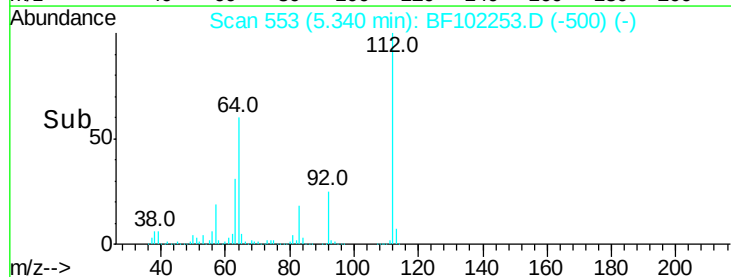
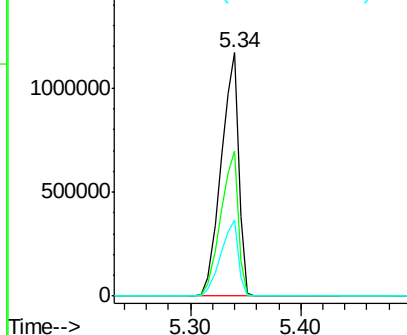
#5

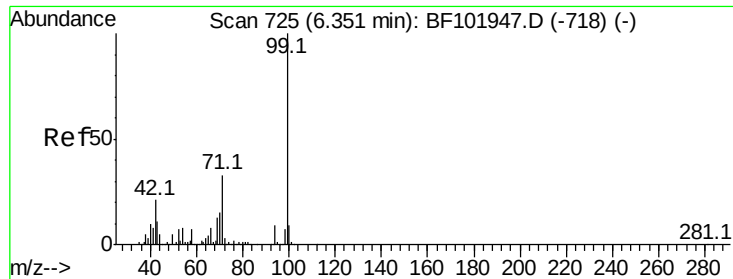
2-Fluorophenol
Concen: 126.416 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Tgt Ion:112 Resp: 1296230
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.1 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: 128.532 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

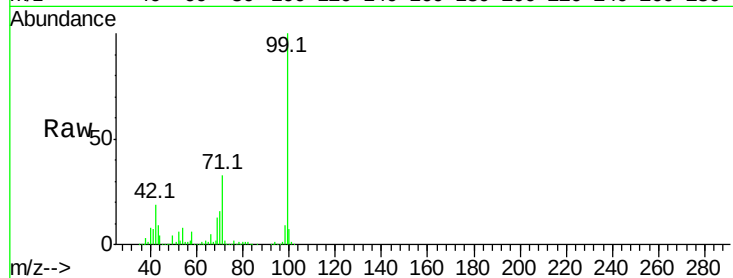
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1572420

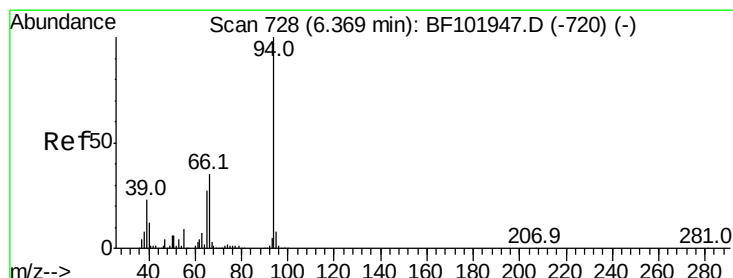
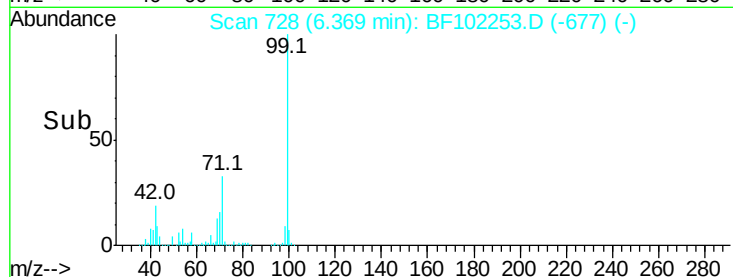
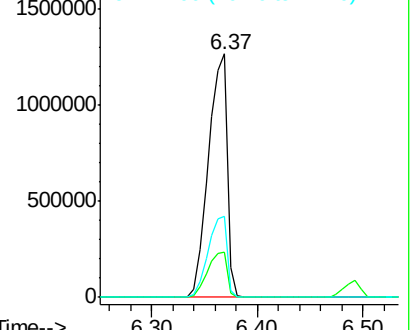
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.3	25.4	38.0



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



#10

Phenol

Concen: 3.541 ng

RT: 6.37 min Scan# 729

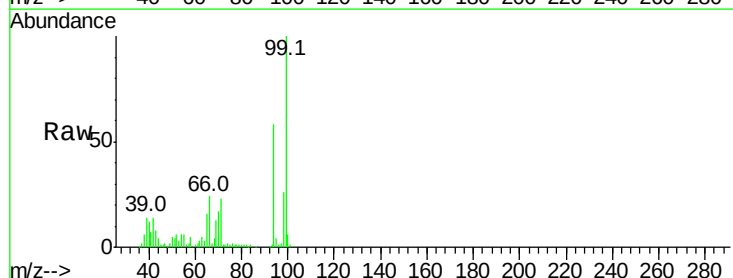
Delta R.T. -0.01 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

Tgt Ion: 94 Resp: 48952

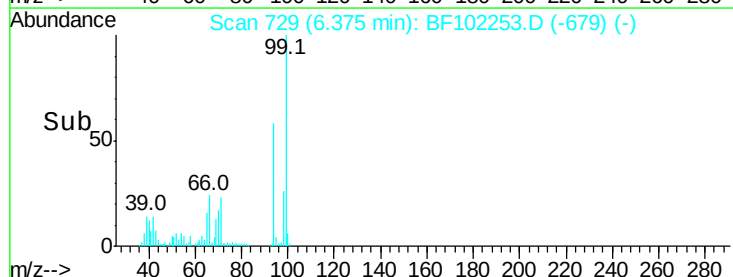
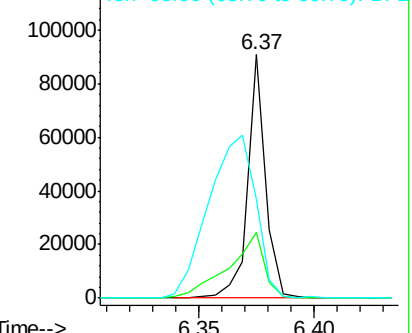
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	40.9	16.2	56.2

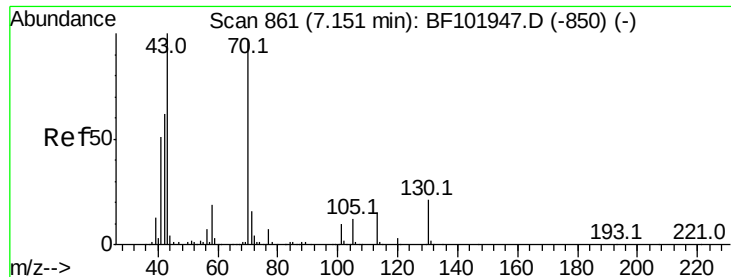


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

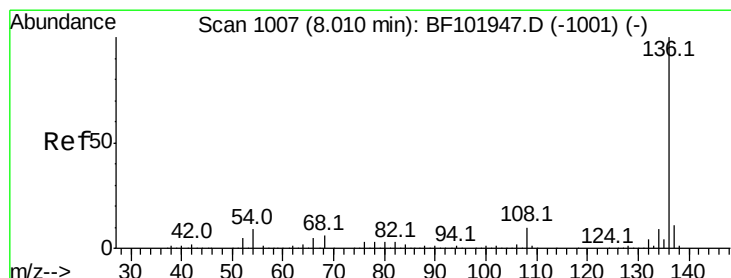
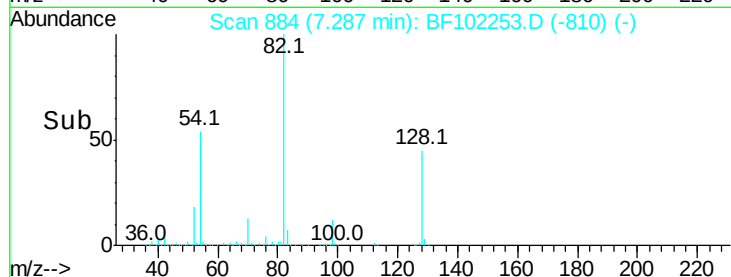
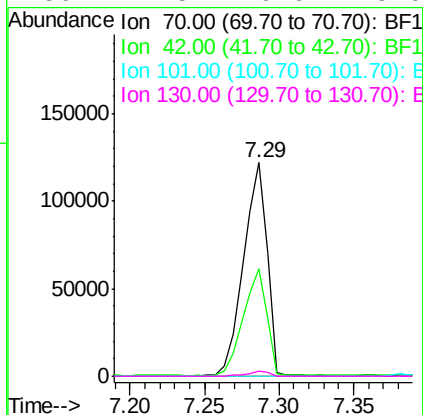
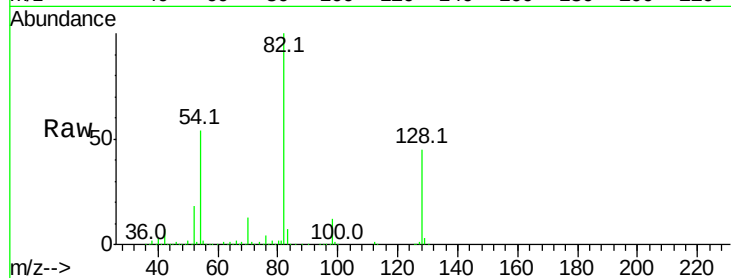




#19
n-Nitroso-di-n-propylamine
Concen: 16.643 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

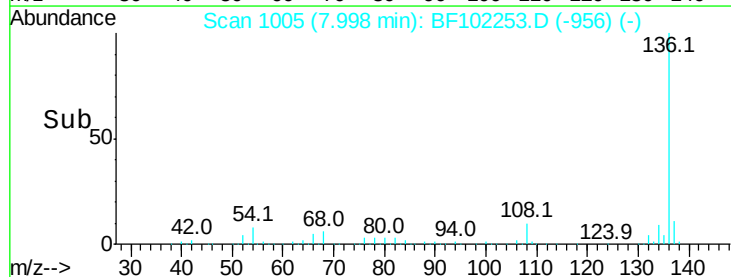
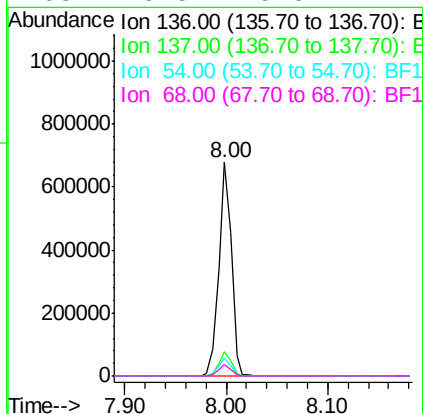
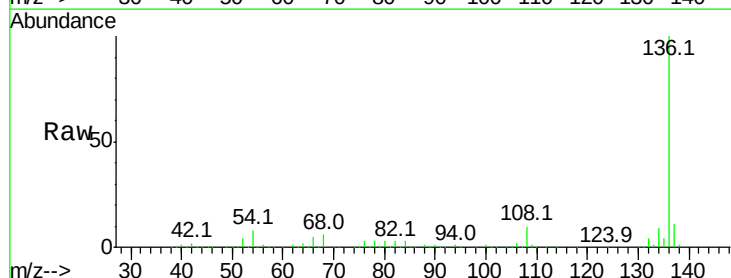
Instrument :
BNA_F
ClientSampleId :

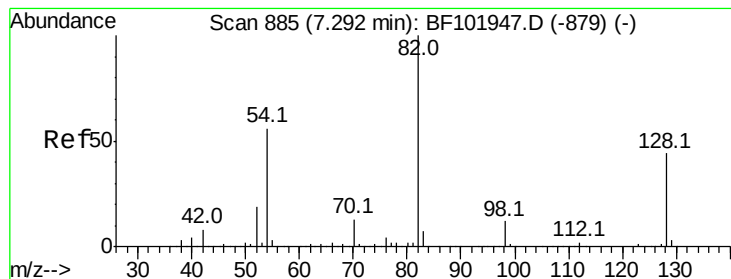
Tot Ion: 70 Resp: 133431
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Tgt Ion:136 Resp: 586175
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 6.6 9.8
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.657 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

Instrument :

BNA_F

ClientSampleId :

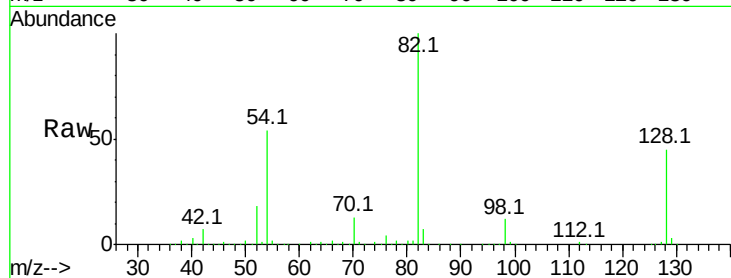
Tot Ion: 82 Resp: 1004061

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 54.0 41.4 62.2

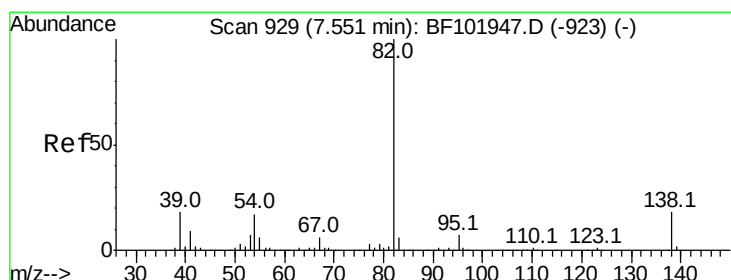
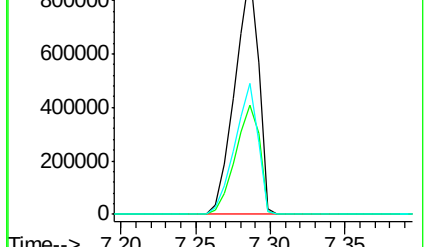
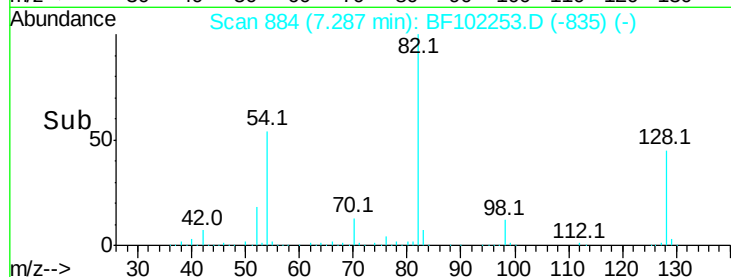


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Time-->



#25

Isophorone

Concen: 50.942 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

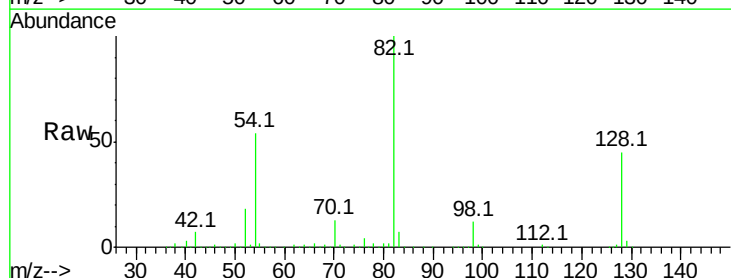
Tgt Ion: 82 Resp: 1004050

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

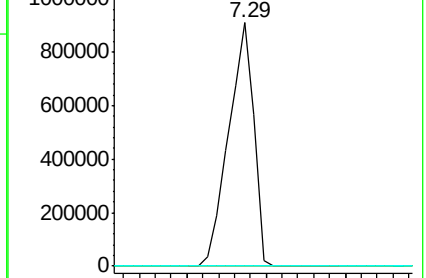
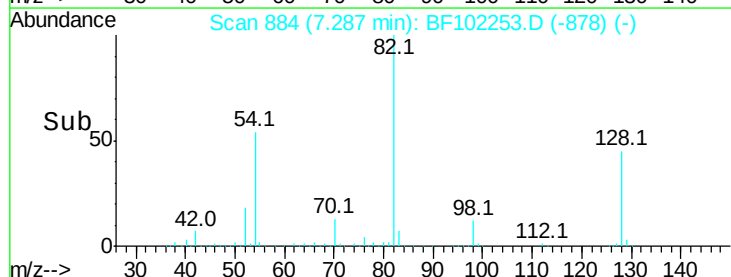


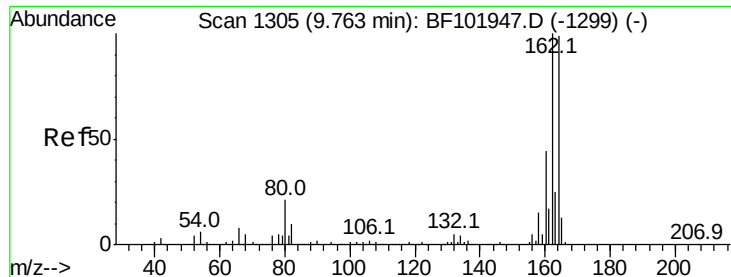
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->

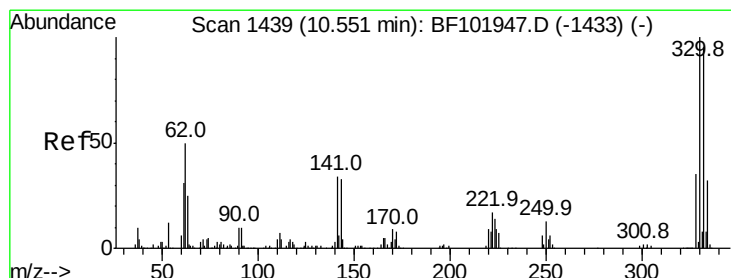
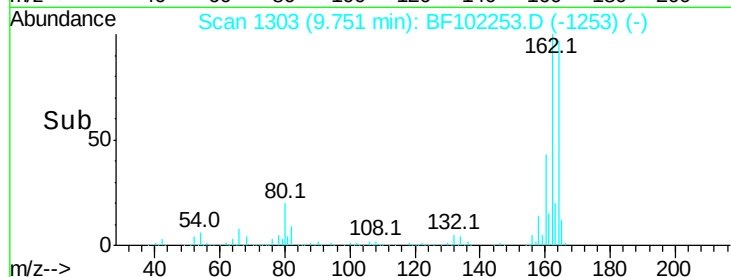
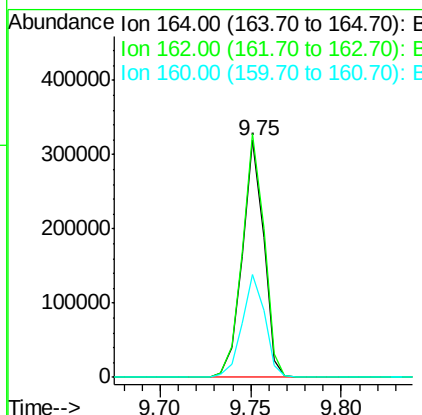
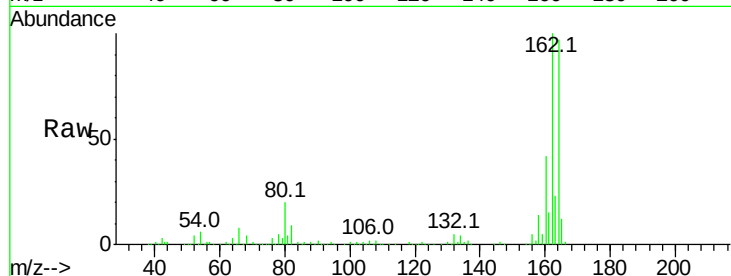




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102253.D
 Acq: 20 Jan 2018 9:34

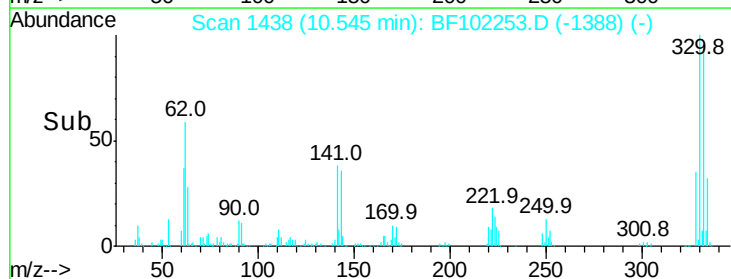
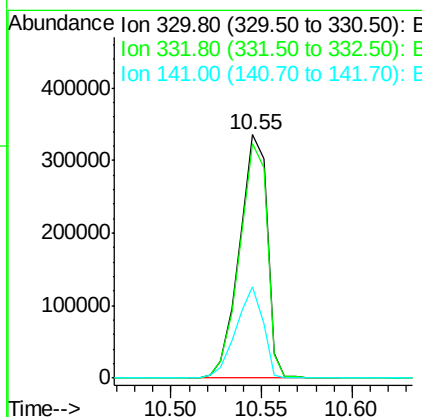
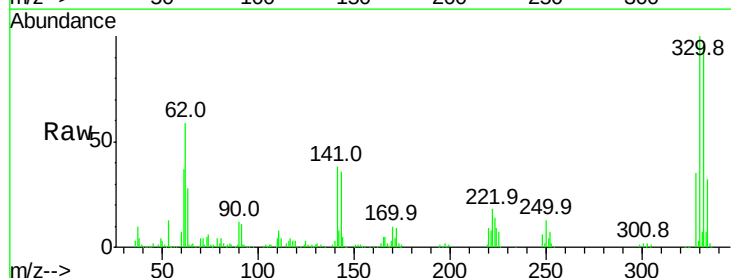
Instrument :
 BNA_F
 ClientSampleId :

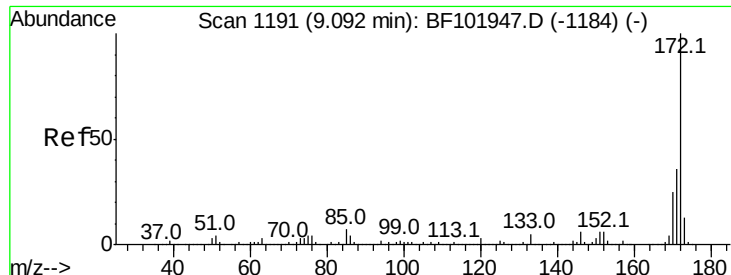
Tot Ion:164 Resp: 262776
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 43.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 156.426 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102253.D
 Acq: 20 Jan 2018 9:34

Tgt Ion:330 Resp: 358717
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 36.8 29.9 44.9

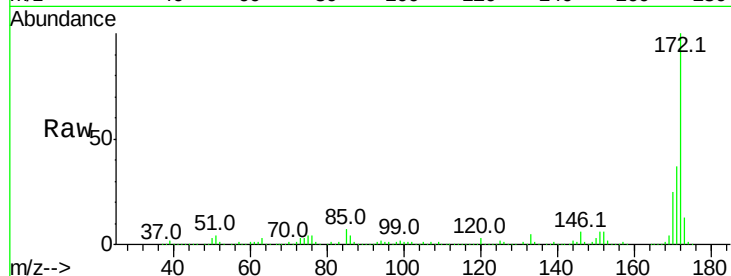




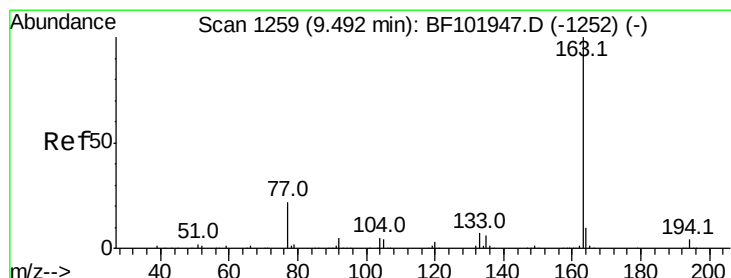
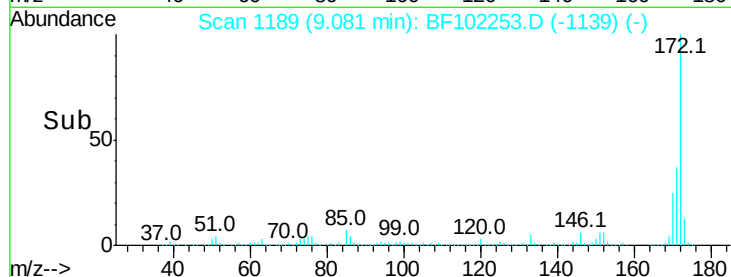
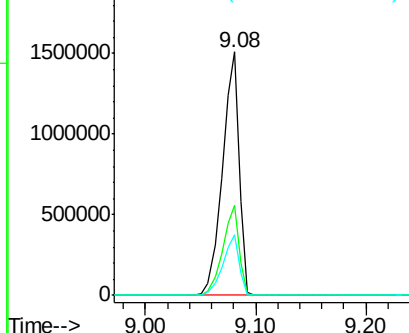
#44
2-Fluorobiphenyl
Concen: 94.250 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1585297
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.0 19.6 29.4

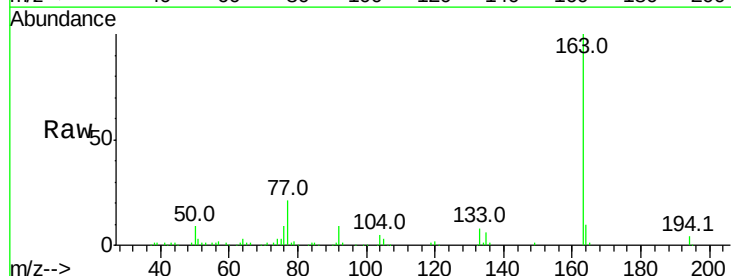


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

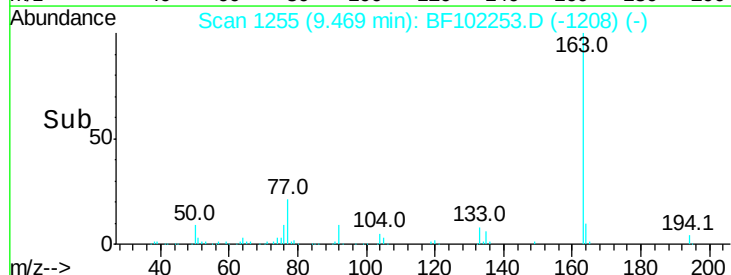
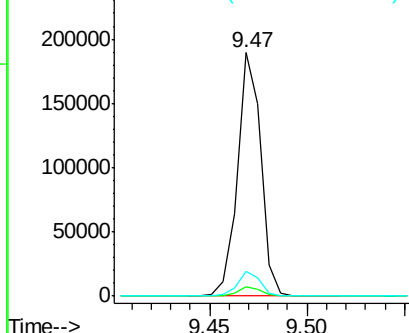


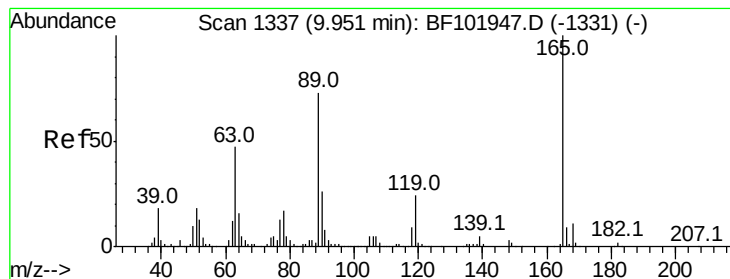
#49
Dimethylphthalate
Concen: 7.421 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Tgt Ion:163 Resp: 156444
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 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: 6.298 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 33241

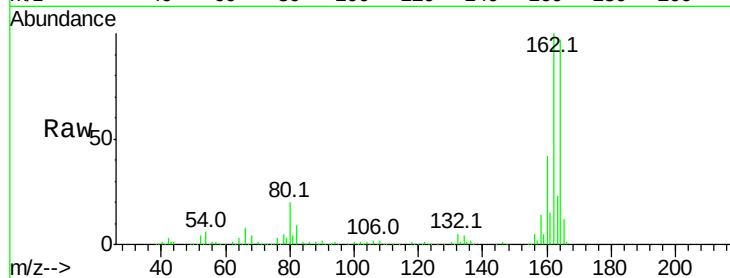
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

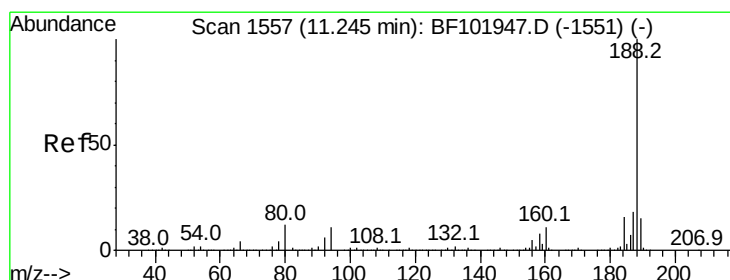
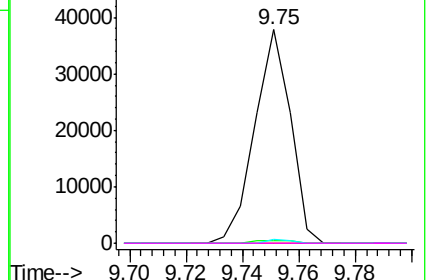
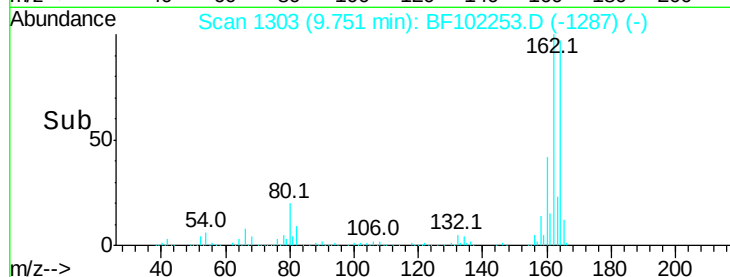


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

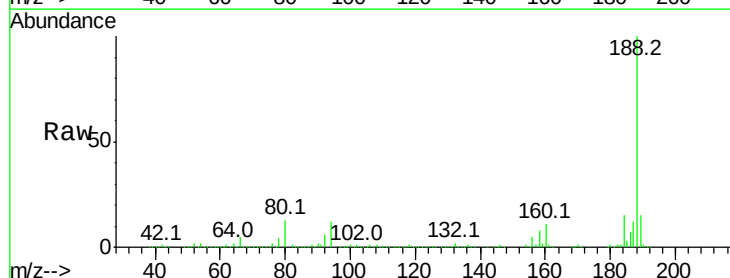
Tgt Ion:188 Resp: 467110

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

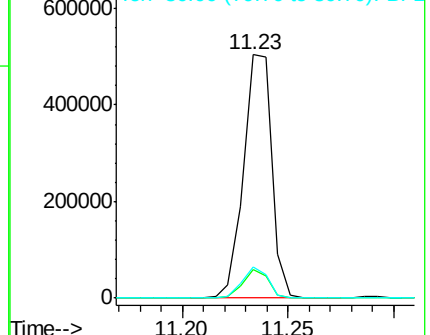
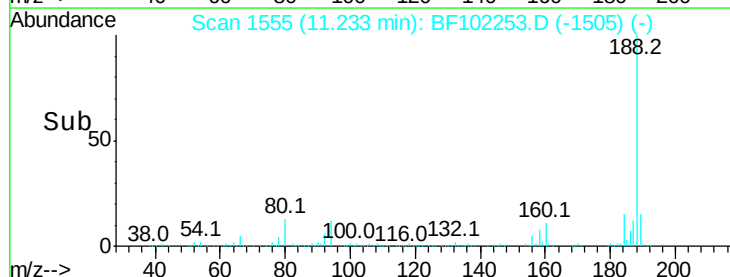
80 12.6 9.2 13.8

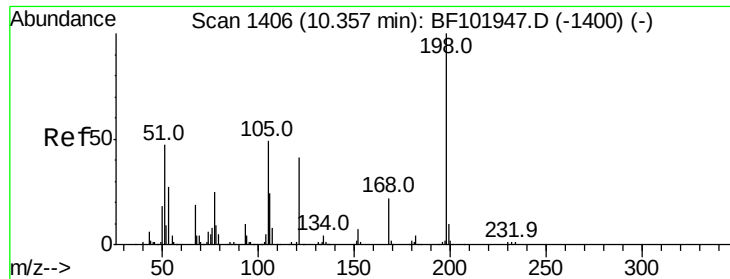


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

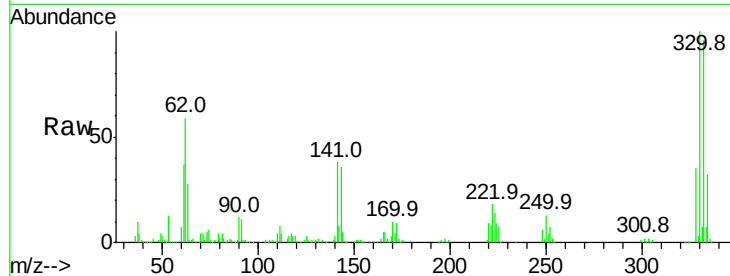




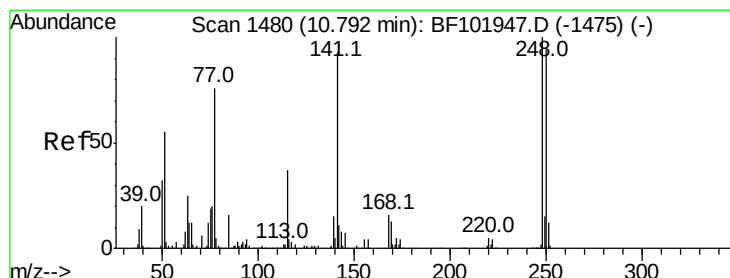
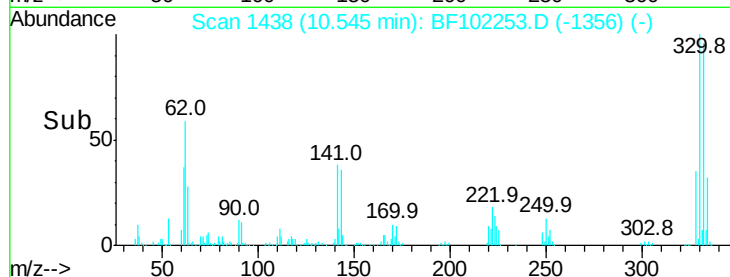
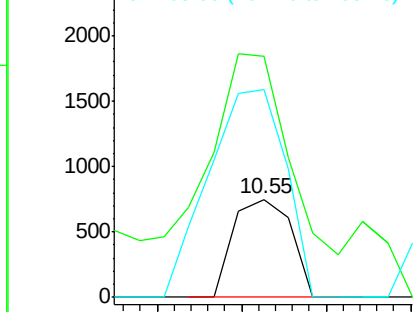
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.910 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102253.D
 Acq: 20 Jan 2018 9:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 712
 Ion Ratio Lower Upper
 198 100
 51 247.0 37.7 77.7#
 105 212.6 36.3 76.3#

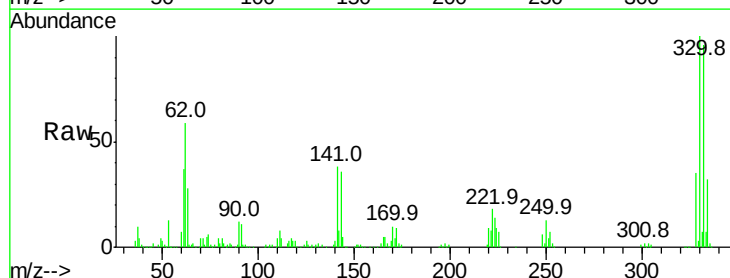


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

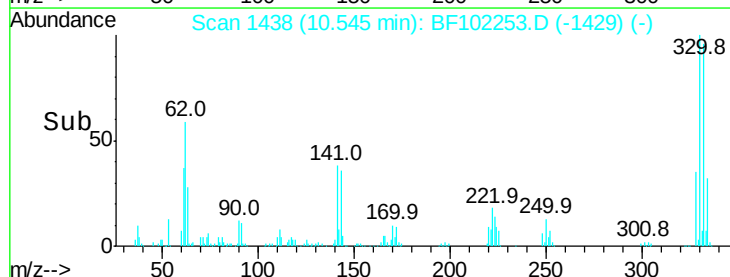
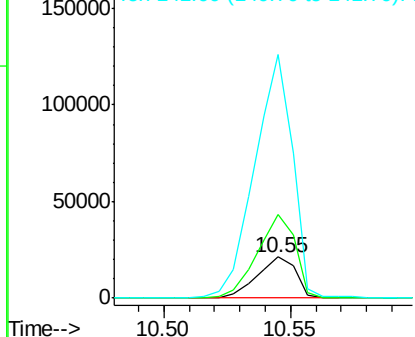


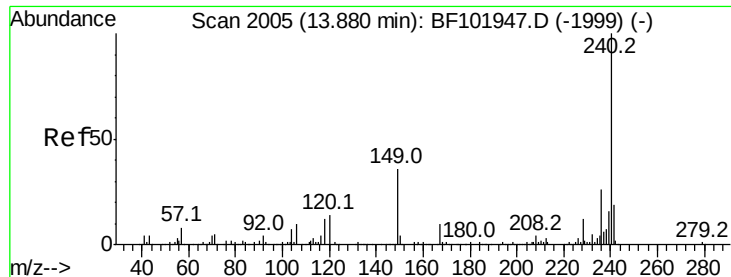
#66
 4-Bromophenyl-phenylether
 Concen: 4.603 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102253.D
 Acq: 20 Jan 2018 9:34

Tgt Ion:248 Resp: 22708
 Ion Ratio Lower Upper
 248 100
 250 203.6 76.9 115.3#
 141 591.7 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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

Instrument :

BNA_F

ClientSampleId :

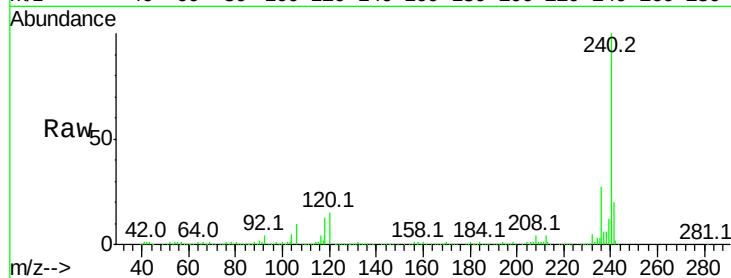
Tot Ion:240 Resp: 406650

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

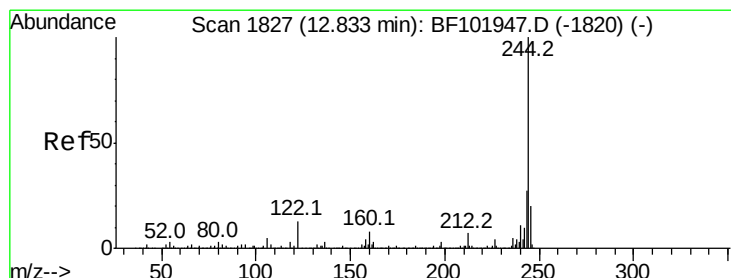
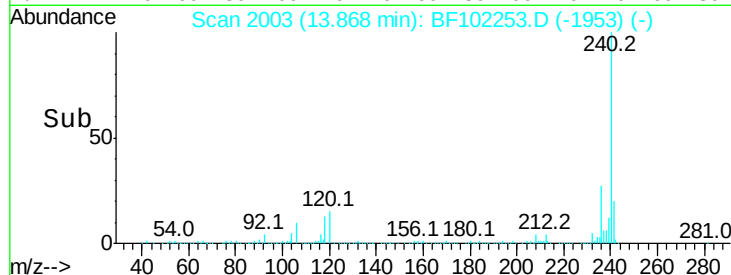
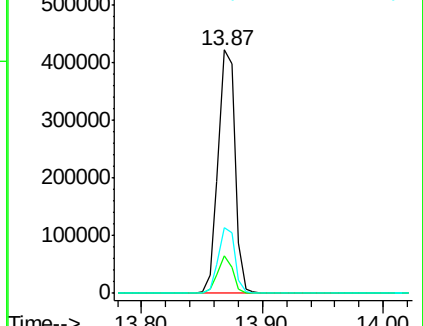
236 27.2 20.7 31.1



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: 77.571 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102253.D

Acq: 20 Jan 2018 9:34

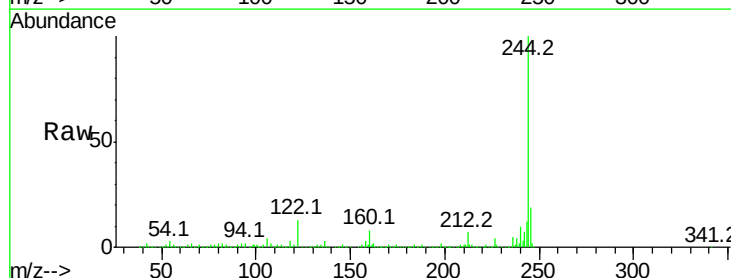
Tgt Ion:244 Resp: 1519287

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

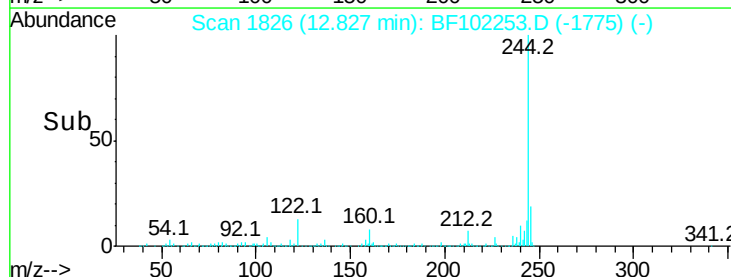
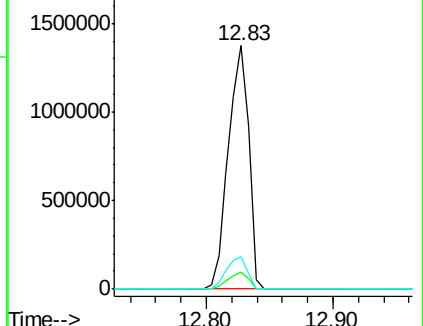
122 13.2 11.0 16.4

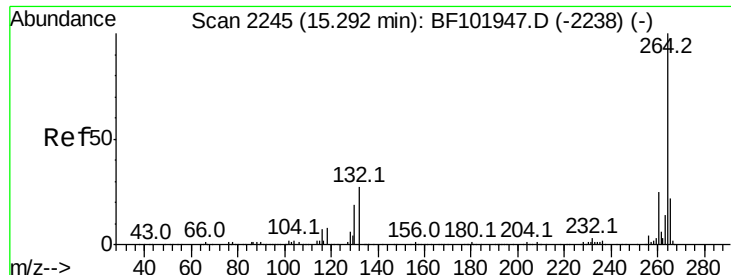


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

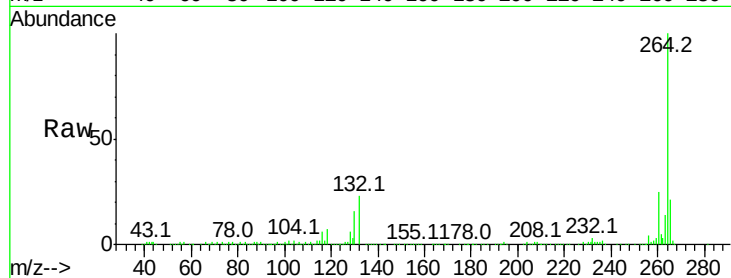




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102253.D
Acq: 20 Jan 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	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

