

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102069.D
 Acq On : 15 Jan 2018 18:14
 Operator : SJ/JU
 Sample : J1019-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:43:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

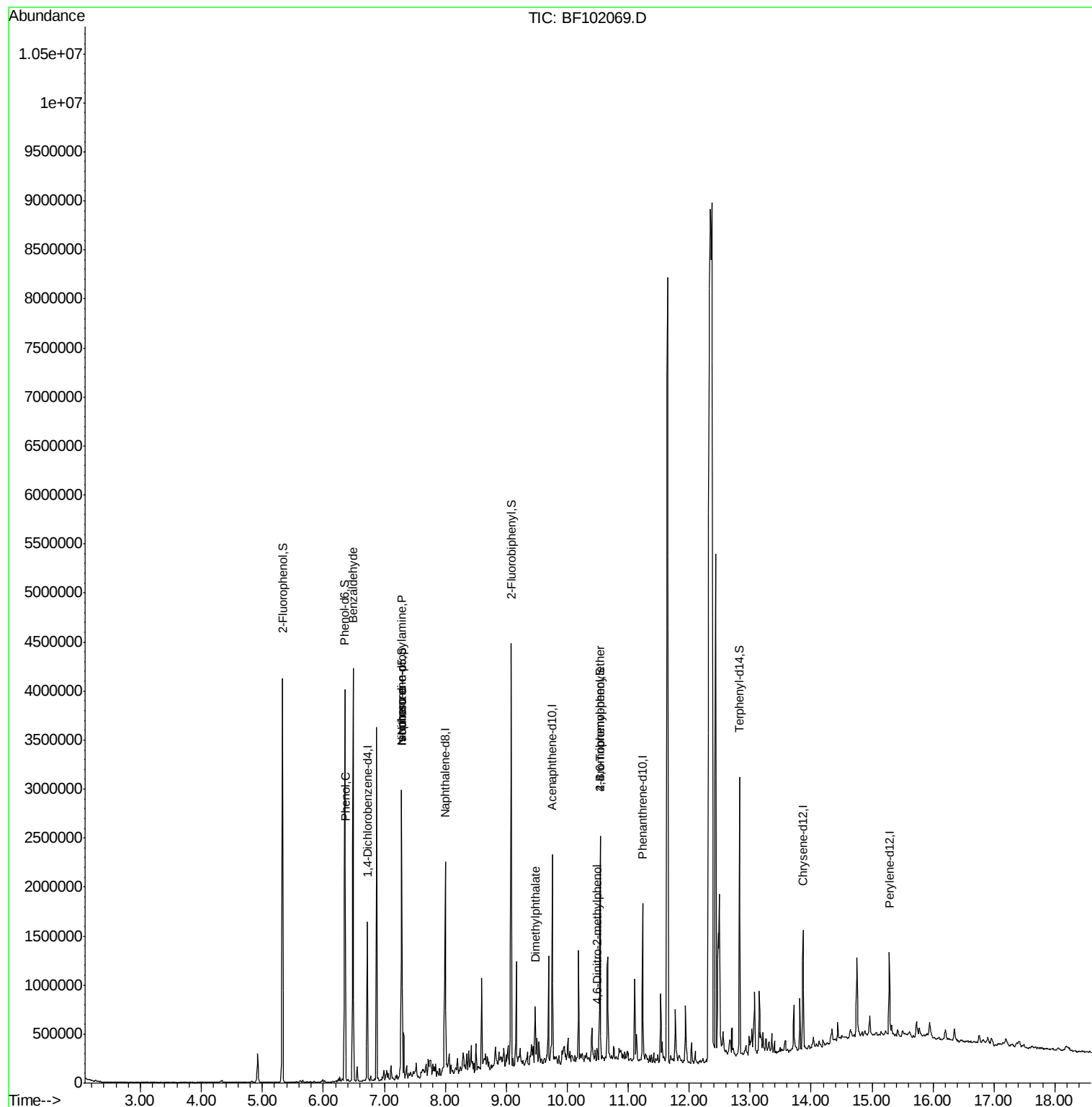
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	227833	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	926414	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	398670	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	601079	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391037	20.00	ng	-0.01
86) Perylene-d12	15.29	264	379858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1257322	77.93	ng	0.00
7) Phenol-d6	6.36	99	1513746	78.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	926324	58.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	265628	76.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1316050	51.57	ng	-0.01
78) Terphenyl-d14	12.83	244	880488	46.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	27819	2.081	ng	82
10) Phenol	6.37	94	46005	2.115	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	129158	10.238	ng	# 79
25) Isophorone	7.29	82	920023	29.535	ng	# 64
49) Dimethylphthalate	9.47	163	118773	3.714	ng	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	117	5.694	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	17393	2.740	ng	# 1

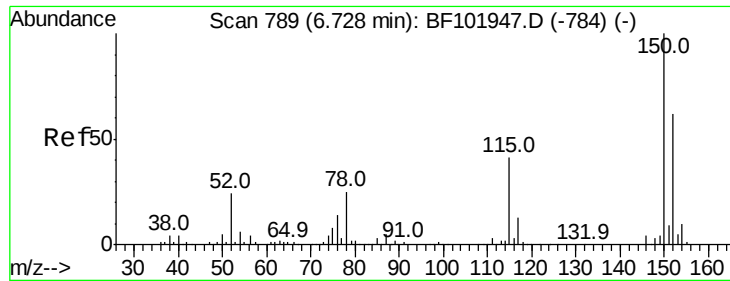
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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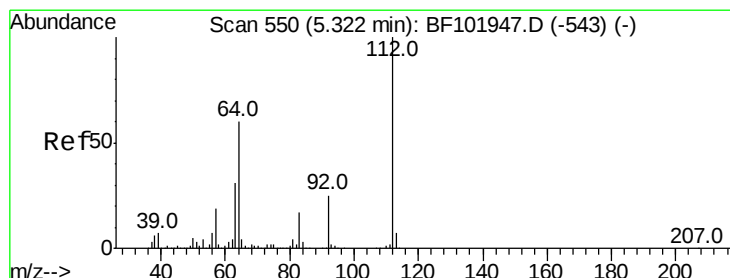
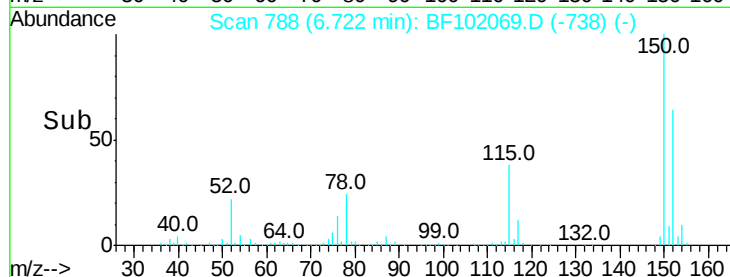
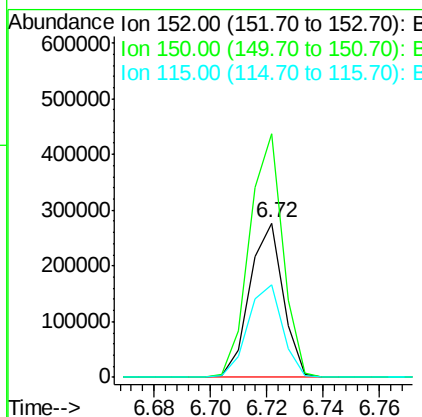
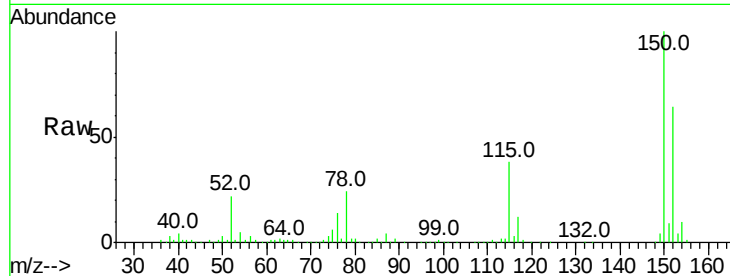


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102069.D
Acq: 15 Jan 2018 18:14

Instrument :
BNA_F
ClientSampleId :

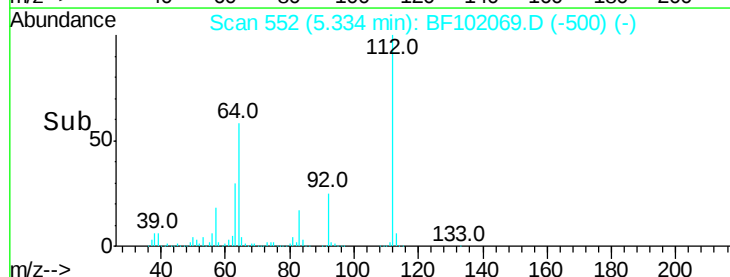
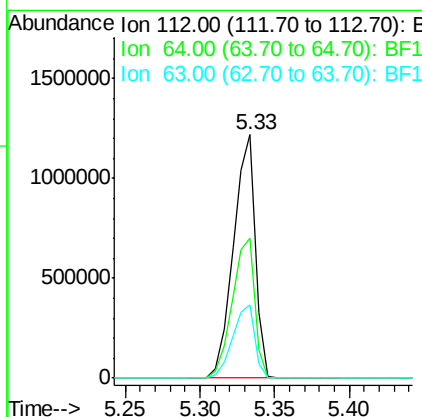
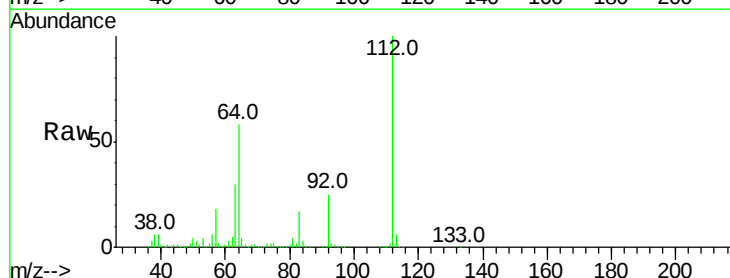
Tot Ion:152 Resp: 227833
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.2 50.1 75.1

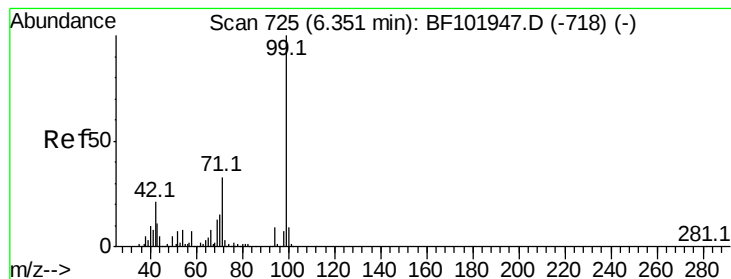


#5

2-Fluorophenol
Concen: 77.927 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102069.D
Acq: 15 Jan 2018 18:14

Tgt Ion:112 Resp: 1257322
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 78.635 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

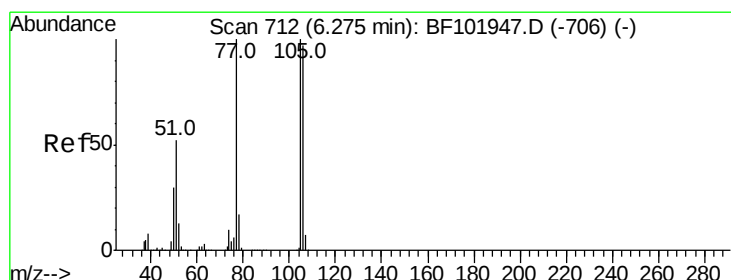
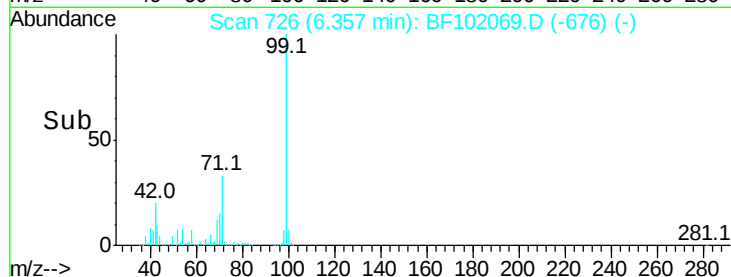
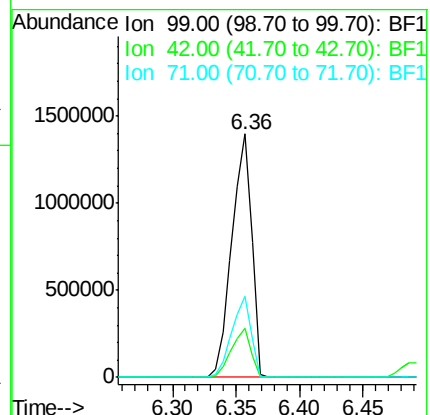
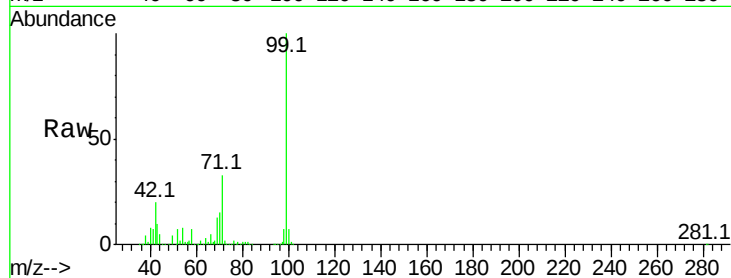
Tot Ion: 99 Resp: 1513746

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 33.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.081 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

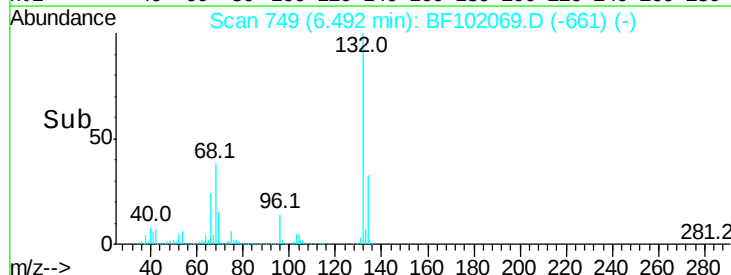
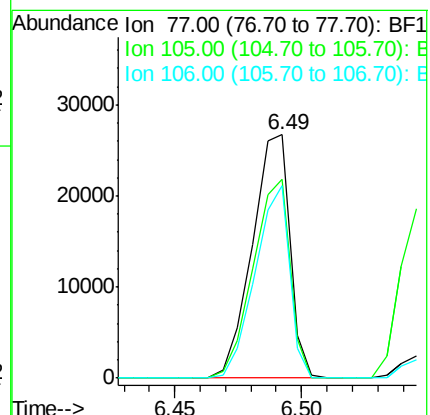
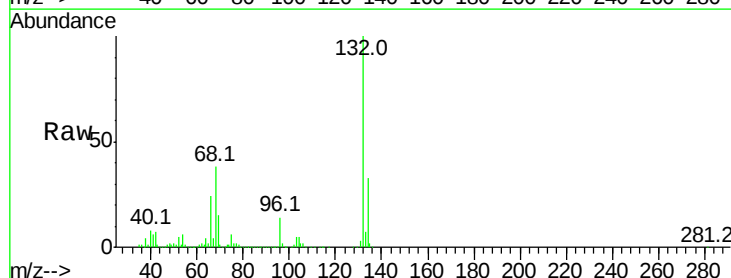
Tgt Ion: 77 Resp: 27819

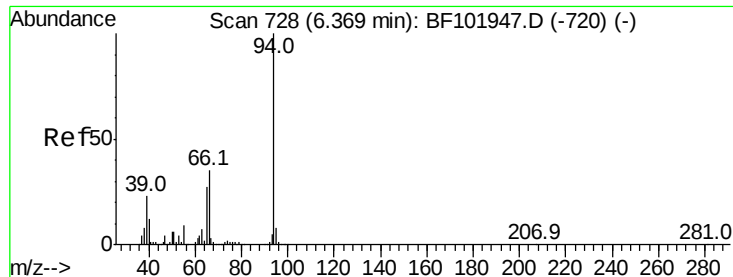
Ion Ratio Lower Upper

77 100

105 81.4 81.1 121.1

106 79.0 74.5 114.5





#10

Phenol

Concen: 2.115 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampled :

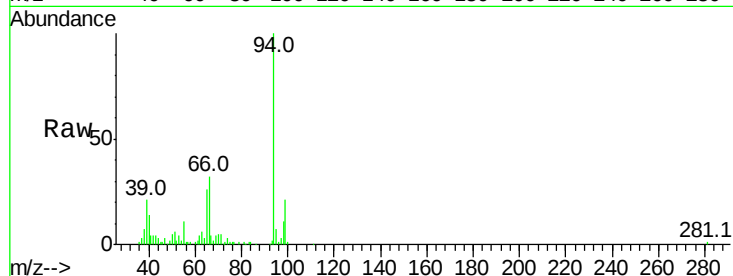
Tot Ion: 94 Resp: 46005

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

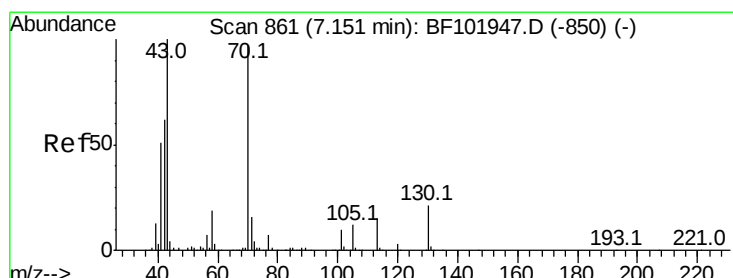
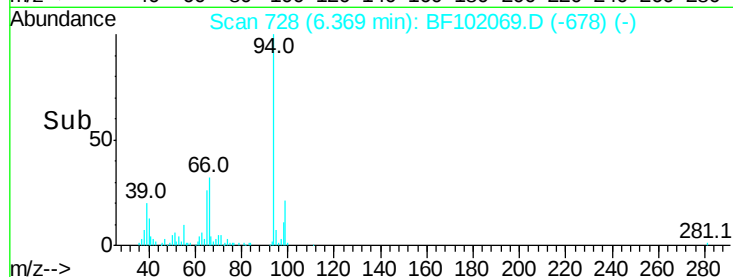
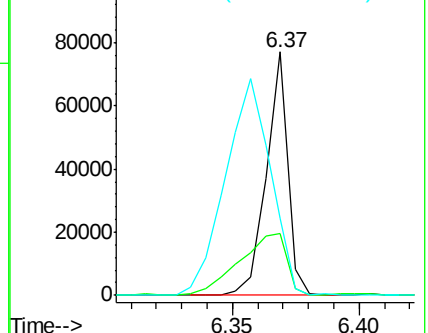
66 31.5 16.2 56.2



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: 10.238 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Tgt Ion: 70 Resp: 129158

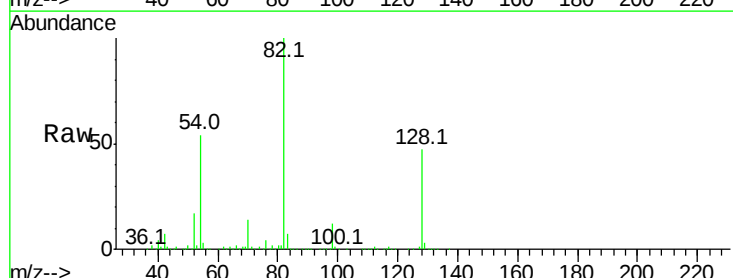
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

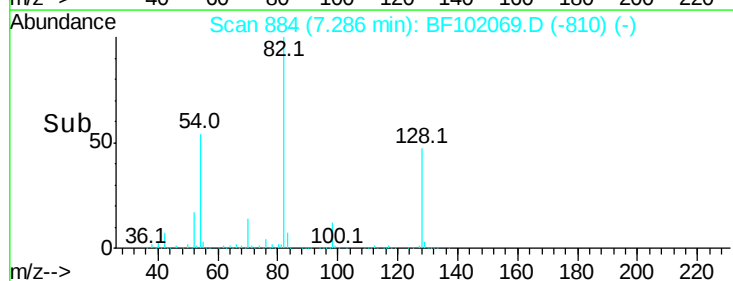
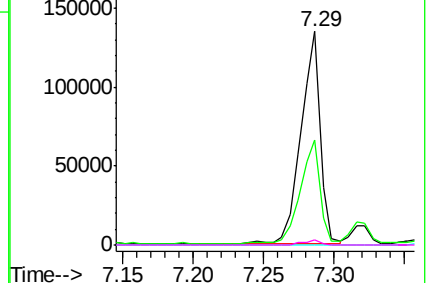


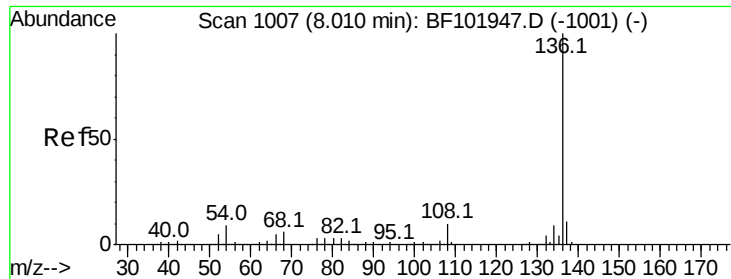
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 926414

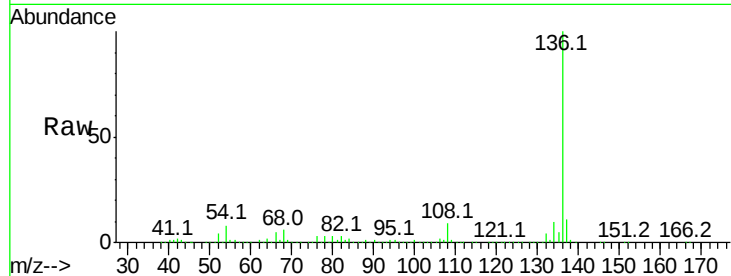
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

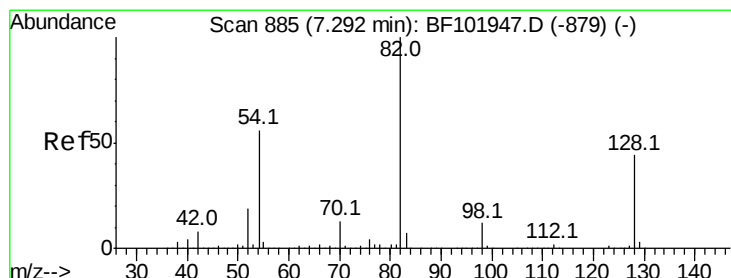
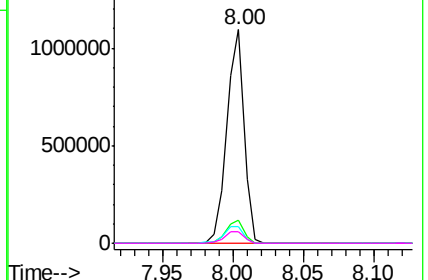
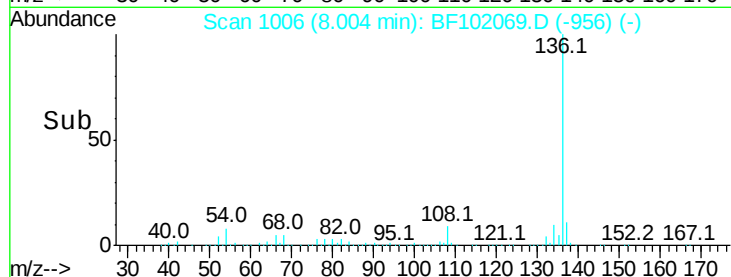


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.758 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

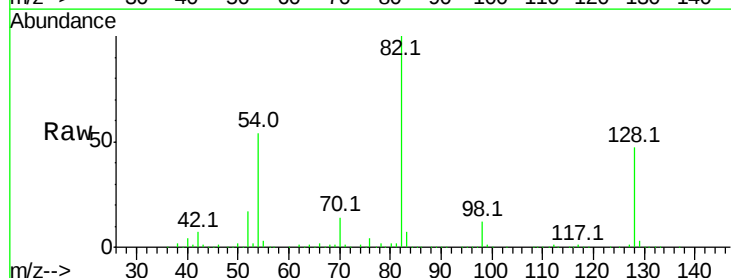
Tgt Ion: 82 Resp: 926324

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

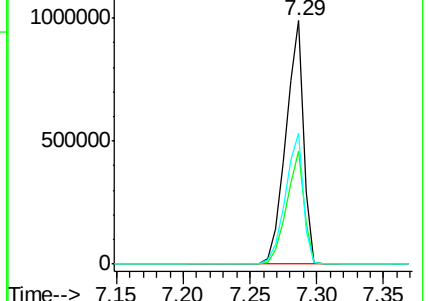
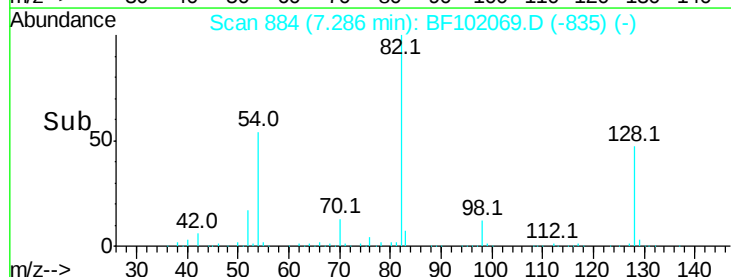
54 53.8 41.4 62.2

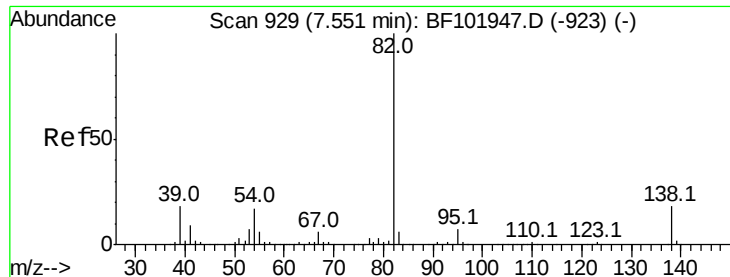


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.535 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

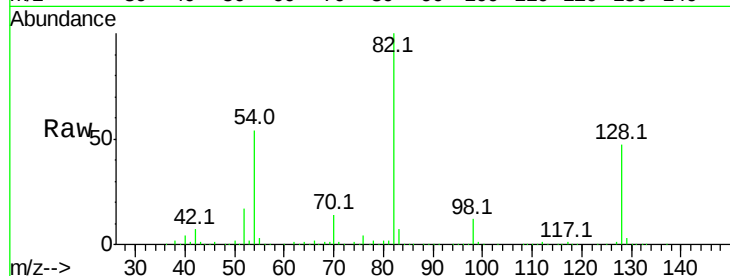
Tot Ion: 82 Resp: 920023

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

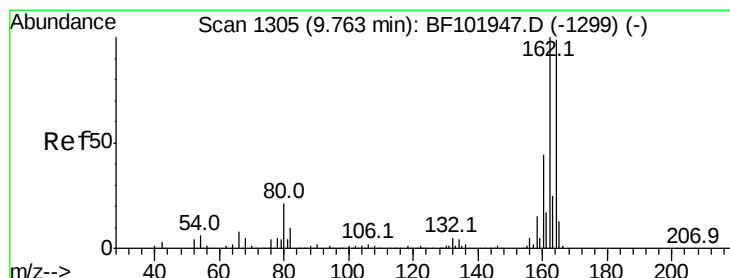
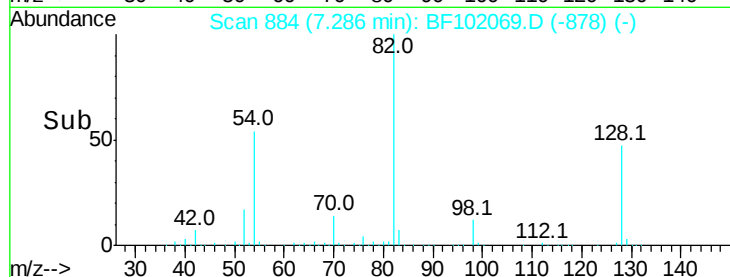
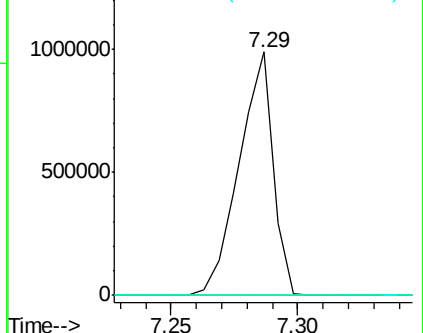
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

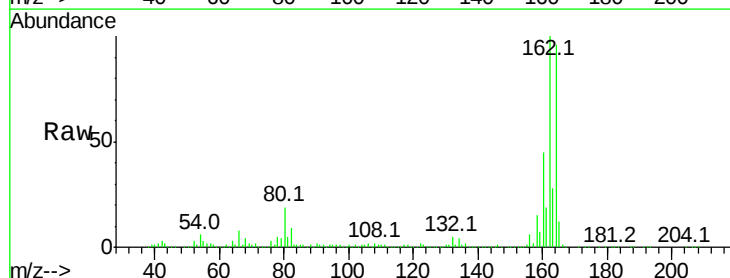
Tgt Ion:164 Resp: 398670

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

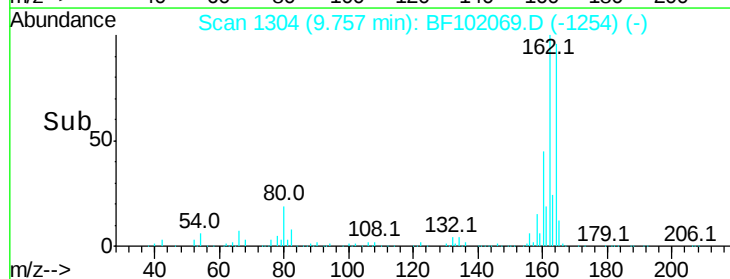
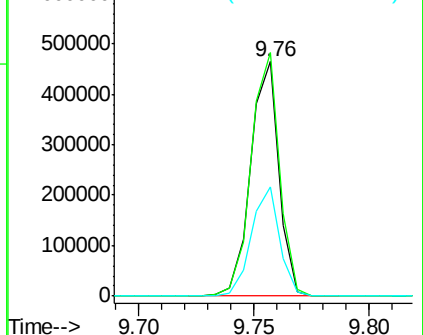
160 46.6 38.3 57.5

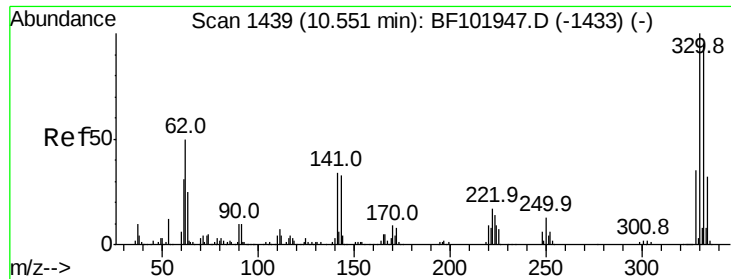


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

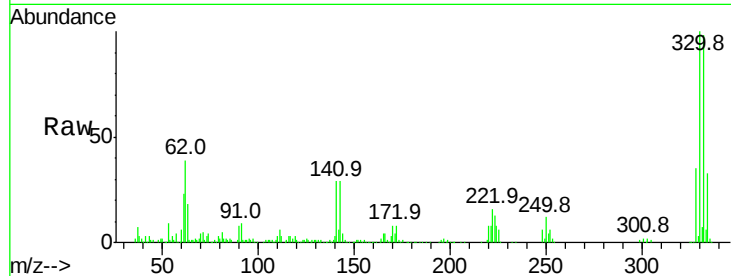




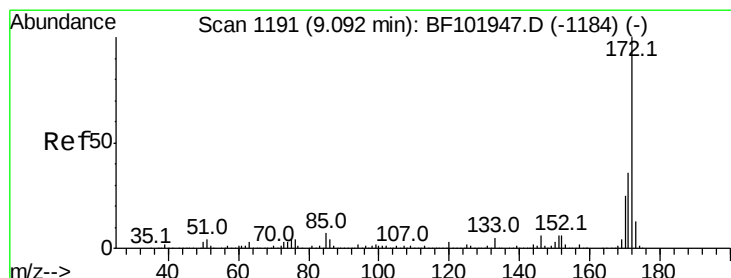
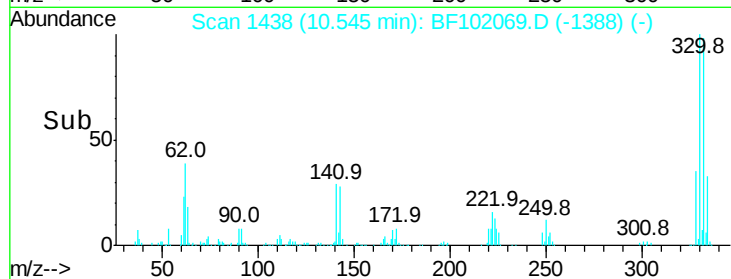
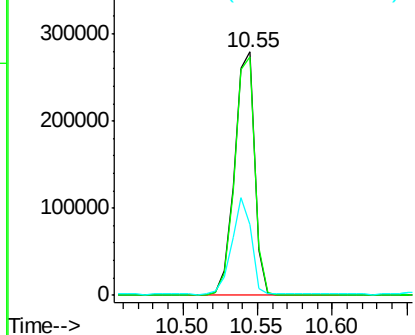
#41
 2,4,6-Tribromophenol
 Concen: 76.349 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102069.D
 Acq: 15 Jan 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 265628
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 38.7 29.9 44.9

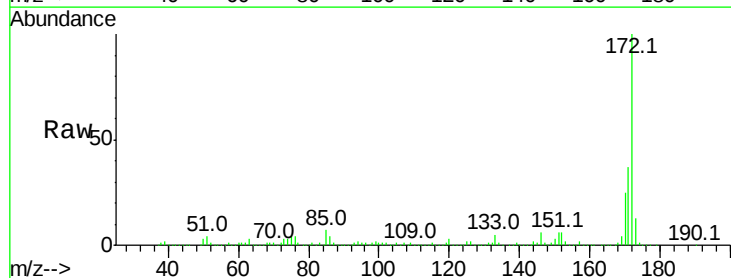


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

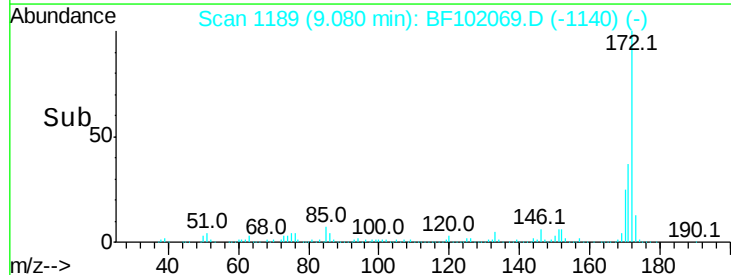
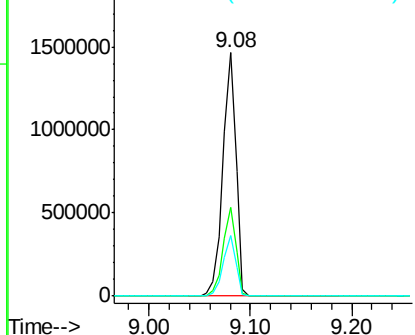


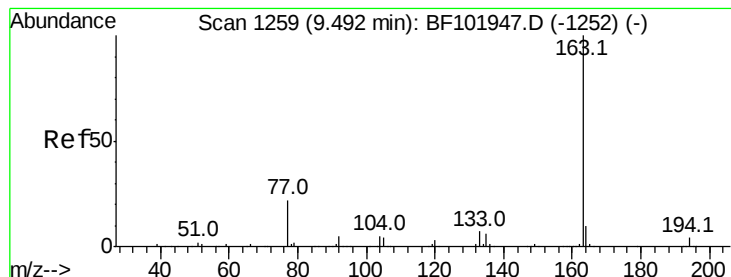
#44
 2-Fluorobiphenyl
 Concen: 51.572 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102069.D
 Acq: 15 Jan 2018 18:14

Tgt Ion:172 Resp: 1316050
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 25.1 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: 3.714 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

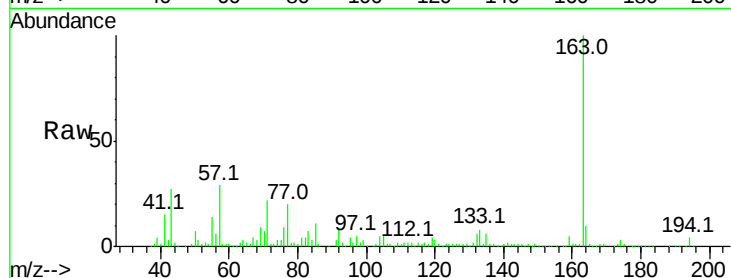
Tot Ion:163 Resp: 118773

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

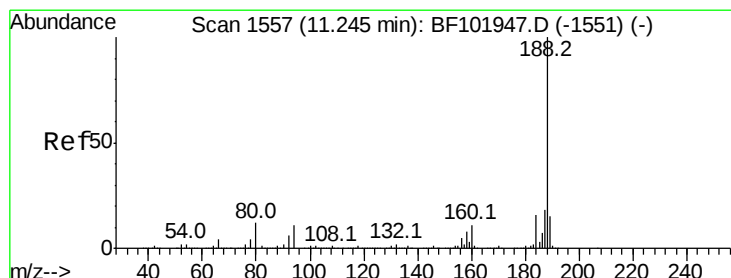
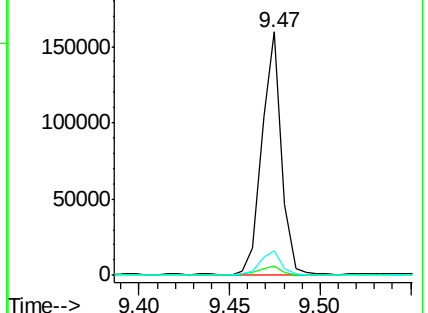
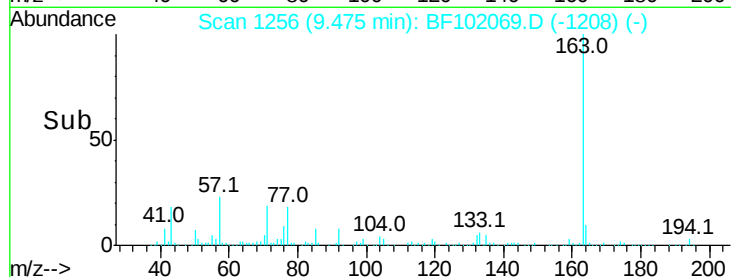
164 10.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

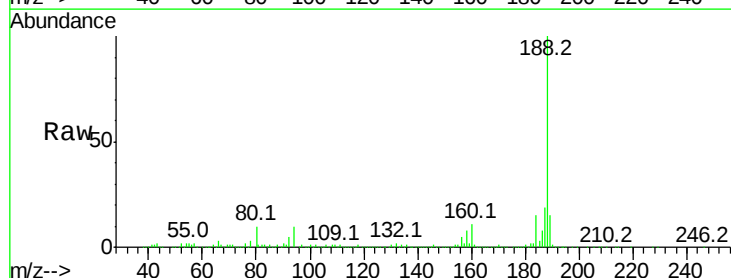
Tgt Ion:188 Resp: 601079

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

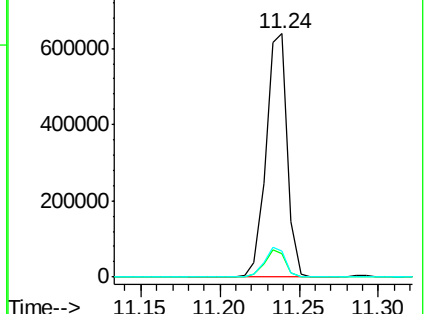
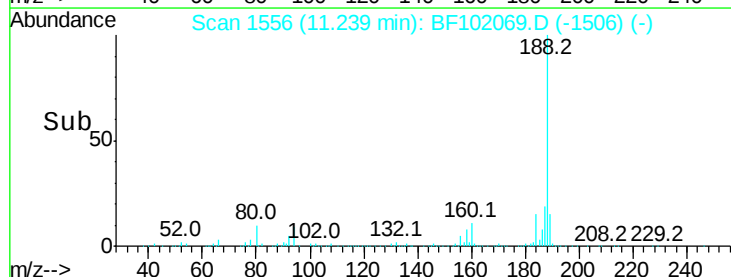
80 10.4 9.2 13.8

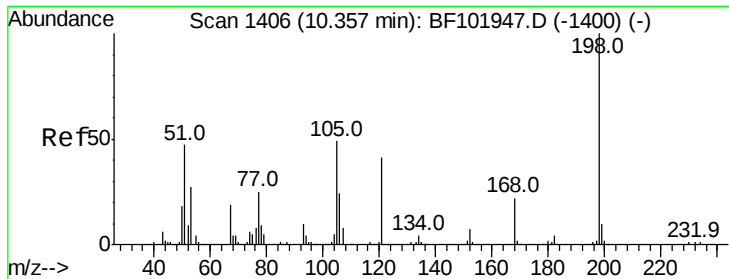


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.694 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.13 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

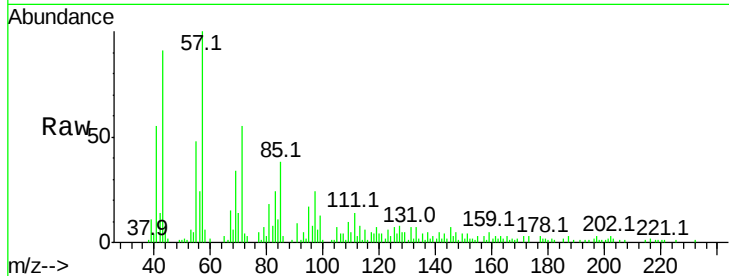
Tot Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 188.8 37.7 77.7#

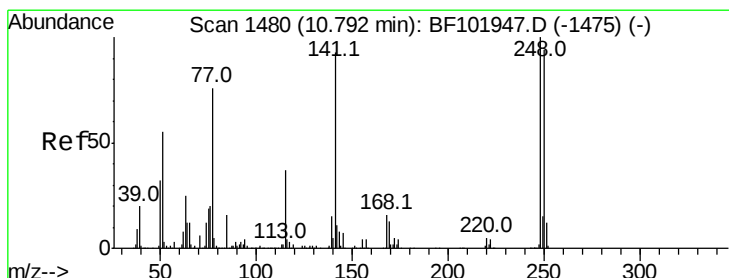
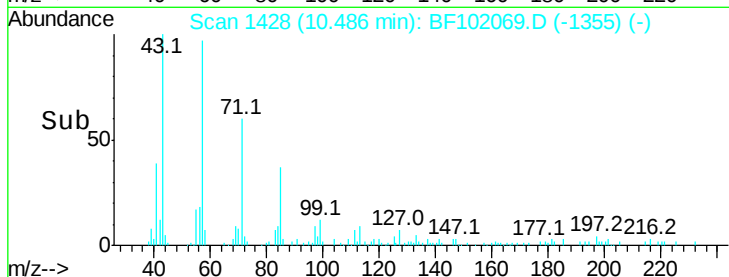
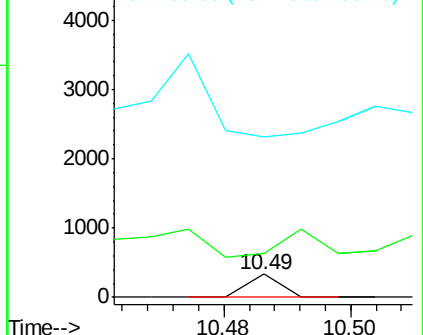
105 697.9 36.3 76.3#



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: 2.740 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

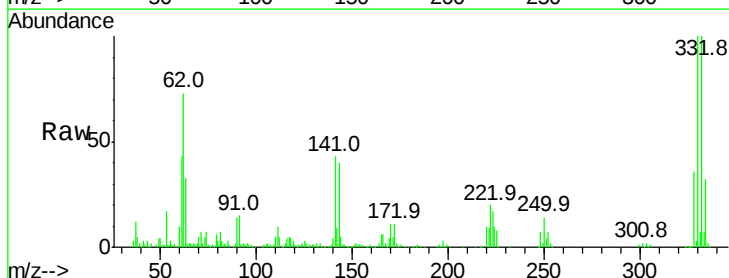
Tgt Ion:248 Resp: 17393

Ion Ratio Lower Upper

248 100

250 199.0 76.9 115.3#

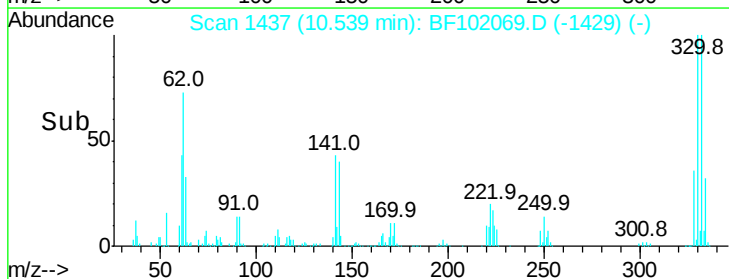
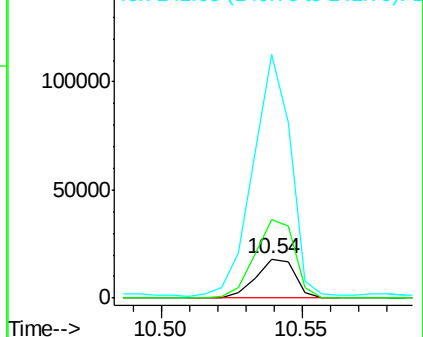
141 618.1 74.4 111.6#

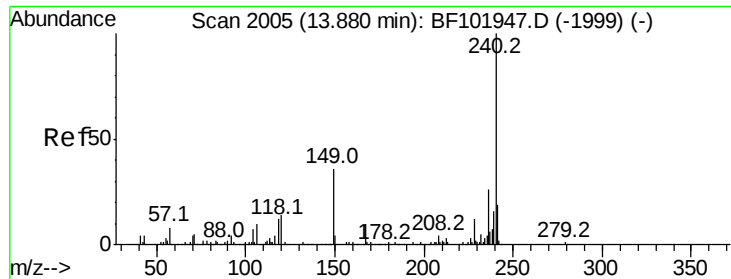


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF102069.D

Acq: 15 Jan 2018 18:14

Instrument :

BNA_F

ClientSampleId :

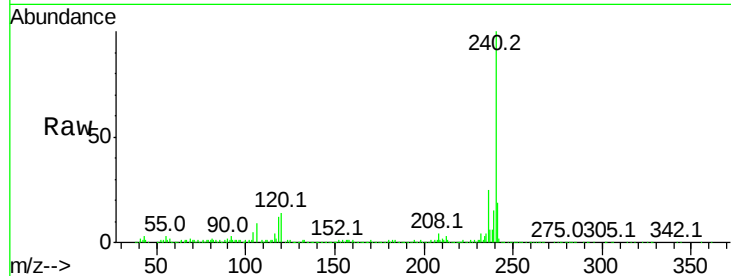
Tot Ion:240 Resp: 391037

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

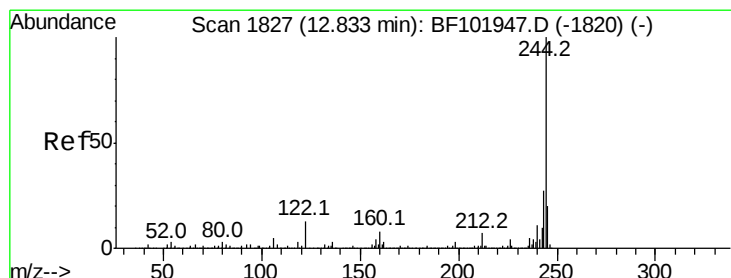
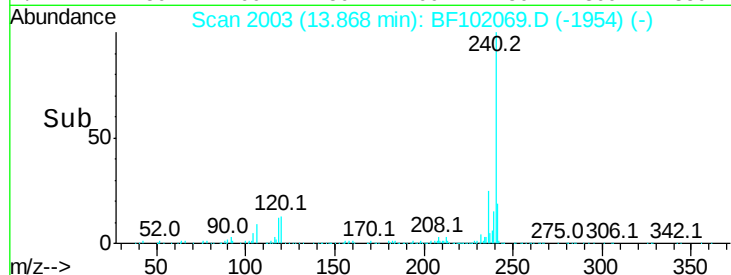
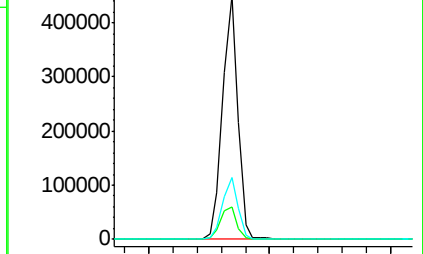
236 25.4 20.7 31.1



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: 46.751 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102069.D

Acq: 15 Jan 2018 18:14

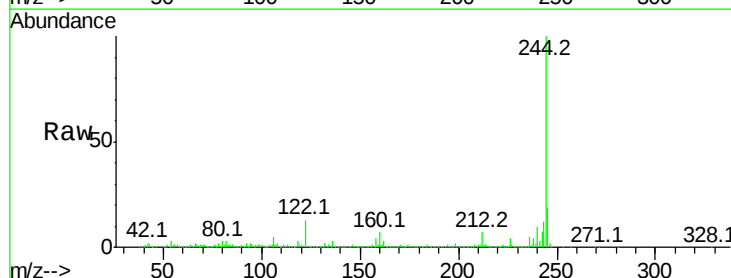
Tgt Ion:244 Resp: 880488

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

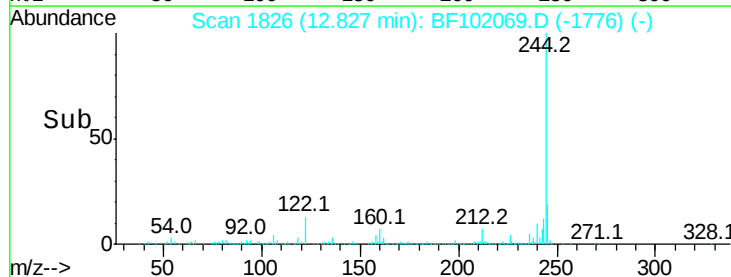
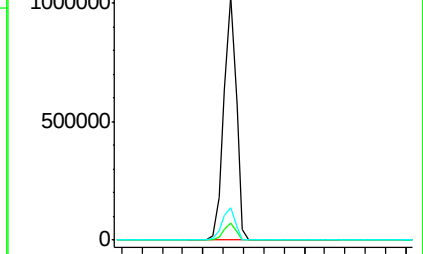
122 13.4 11.0 16.4

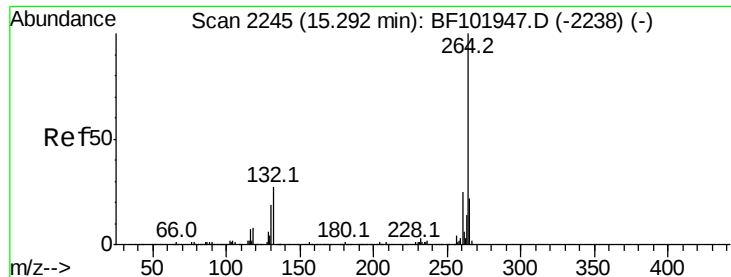


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2244
Delta R.T. -0.01 min
Lab File: BF102069.D
Acq: 15 Jan 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.4	17.5	26.3

