

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102061.D
 Acq On : 12 Jan 2018 23:34
 Operator : SJ/JU
 Sample : J1106-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 13 00:40:39 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

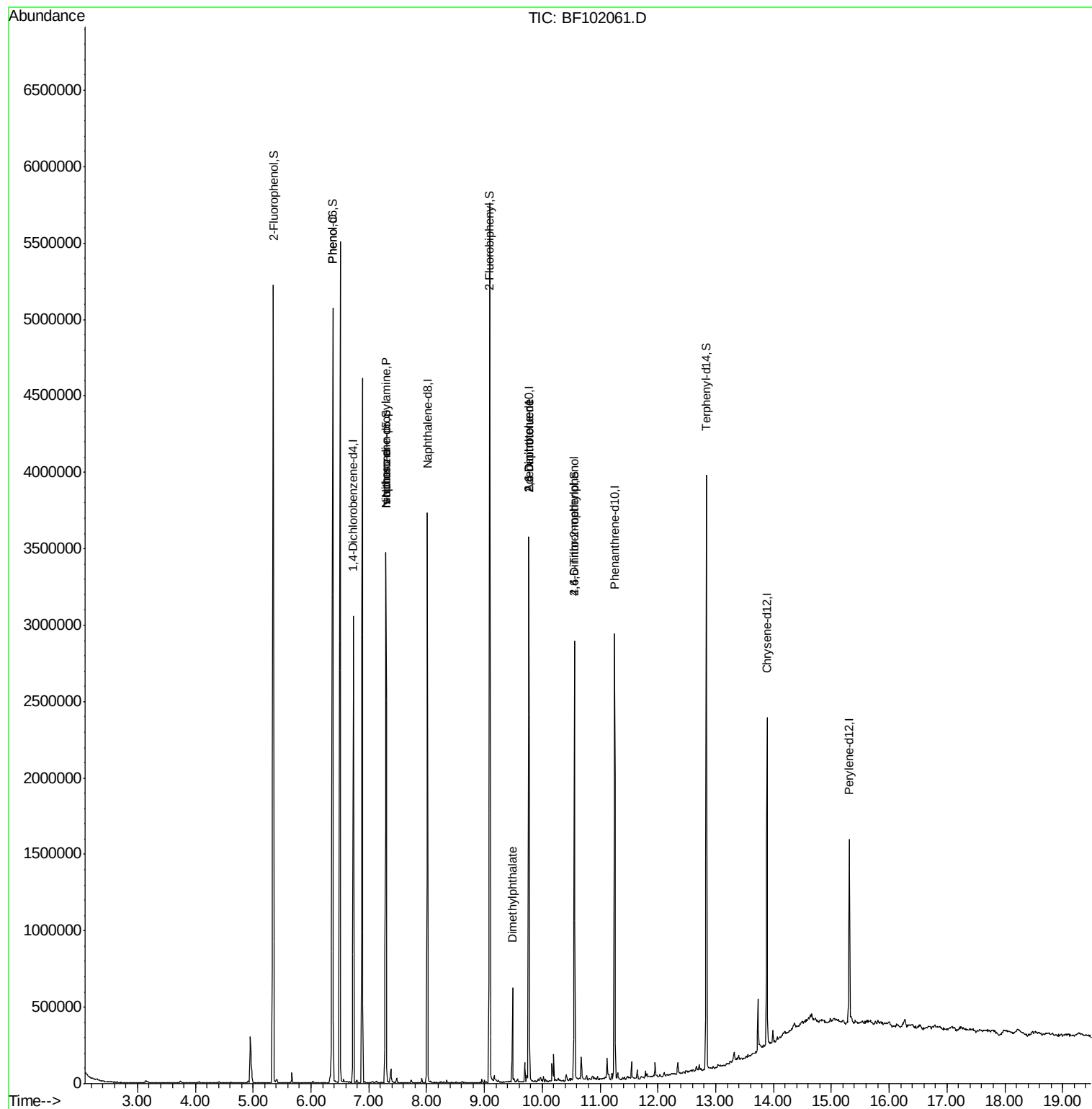
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	436463	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1703024	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	692036	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	992076	20.00	ng	0.00
75) Chrysene-d12	13.89	240	711020	20.00	ng	0.00
86) Perylene-d12	15.31	264	538274	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1774420	57.41	ng	0.02
7) Phenol-d6	6.37	99	2103737	57.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	1347182	46.49	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	333134	55.16	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2050801	46.30	ng	0.00
78) Terphenyl-d14	12.84	244	1385297	40.45	ng	0.00
Target Compounds						
10) Phenol	6.38	94	103512	2.484	ng	76
19) n-Nitroso-di-n-propylamine	7.30	70	182172	7.538	ng	# 81
25) Isophorone	7.30	82	1338287	23.371	ng	# 64
49) Dimethylphthalate	9.49	163	247942	4.466	ng	99
50) 2,6-Dinitrotoluene	9.77	165	90526	8.163	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	90526	6.513	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.56	198	833	5.799	ng	# 1

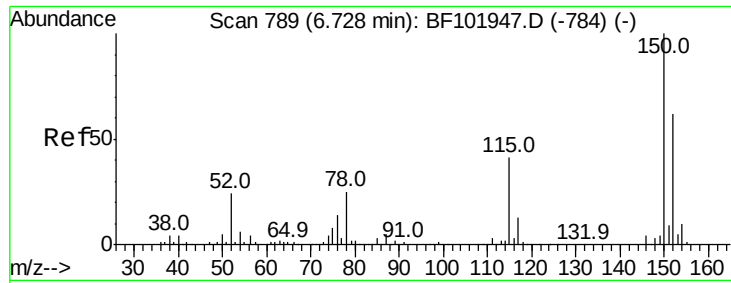
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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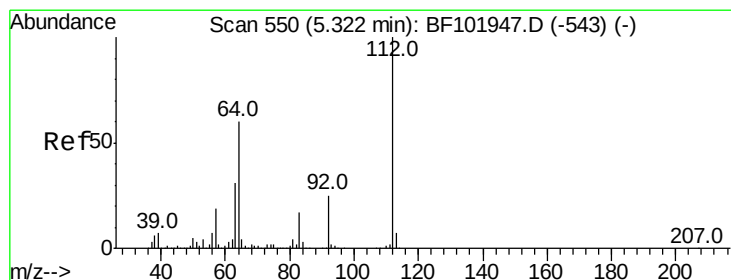
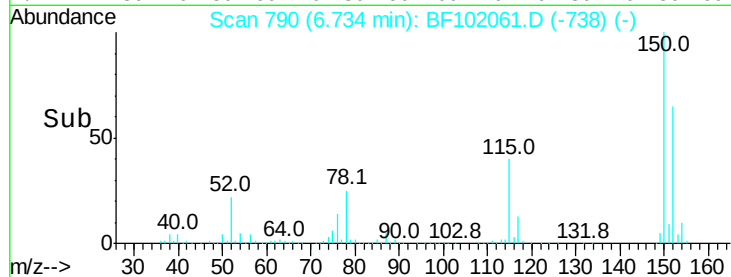
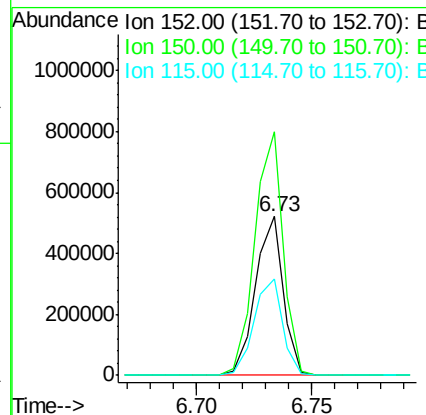
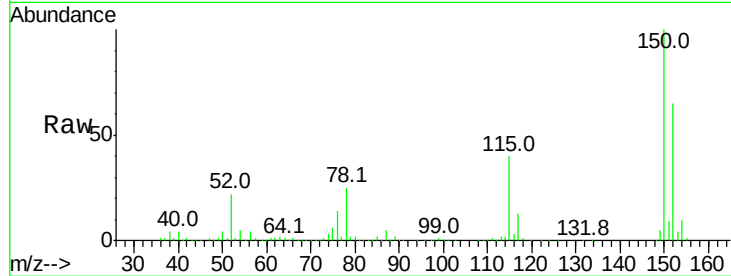


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Instrument :
BNA_F
ClientSampleId :

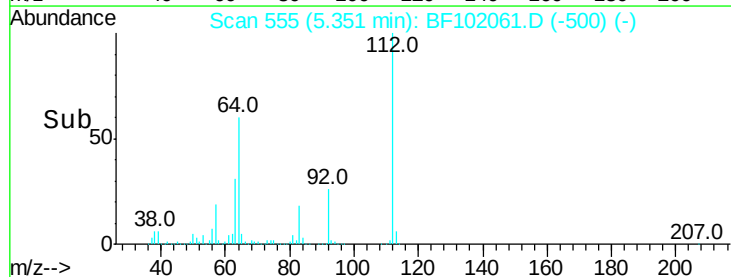
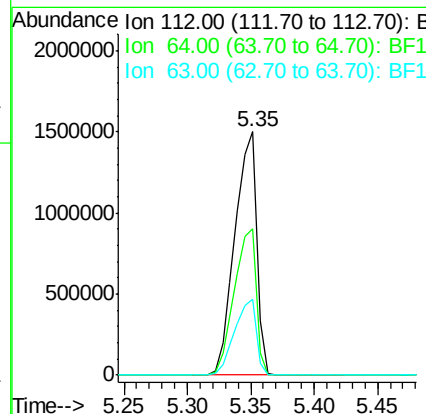
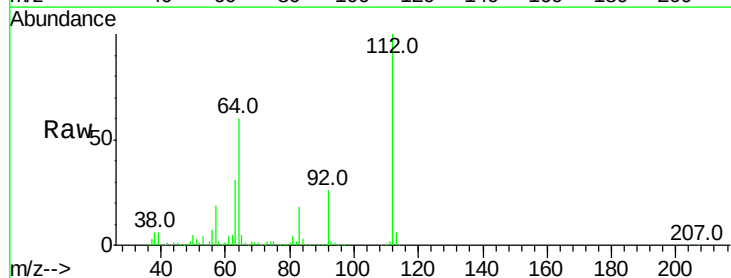
Tot Ion:152 Resp: 436463
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 61.2 50.1 75.1

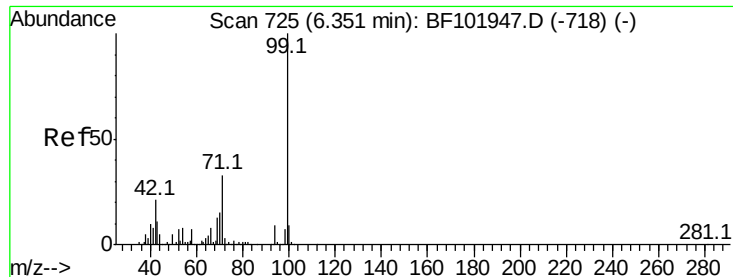


#5

2-Fluorophenol
Concen: 57.408 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Tgt Ion:112 Resp: 1774420
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 57.046 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

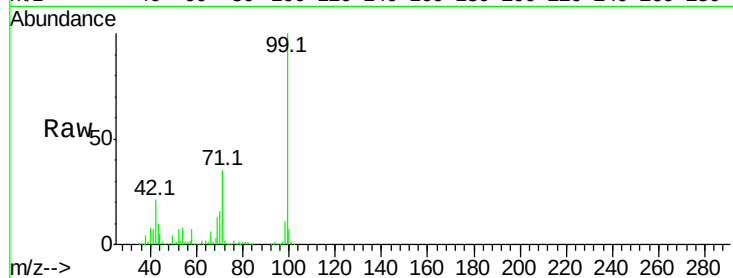
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2103737

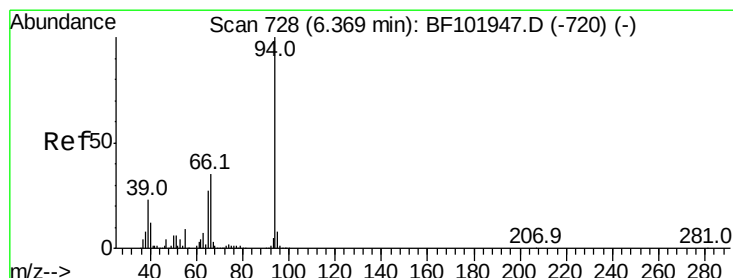
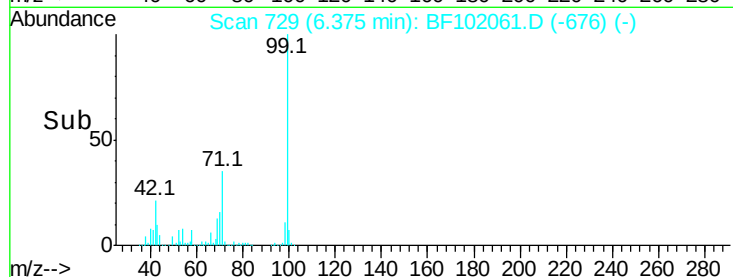
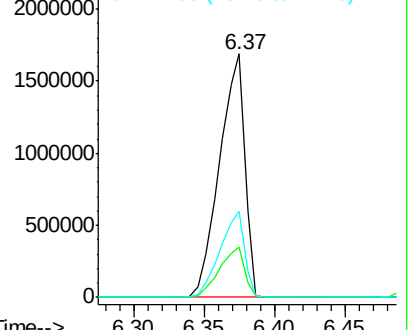
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	35.3	25.4	38.0



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: 2.484 ng

RT: 6.38 min Scan# 730

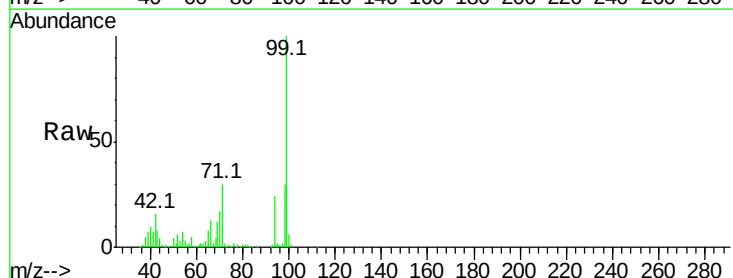
Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

Tgt Ion: 94 Resp: 103512

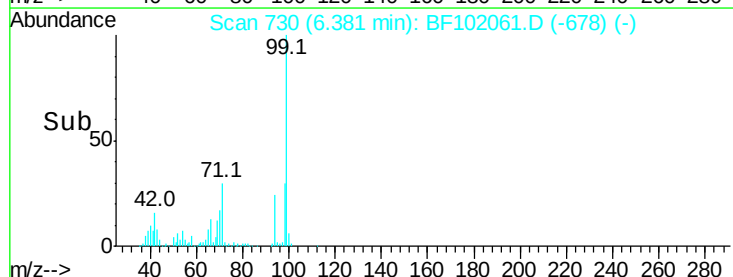
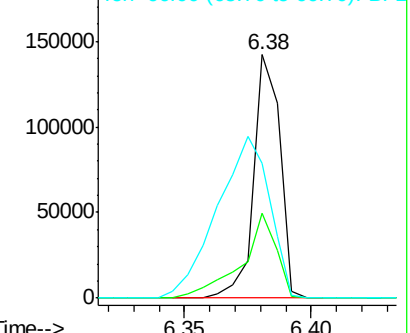
Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	55.5	16.2	56.2

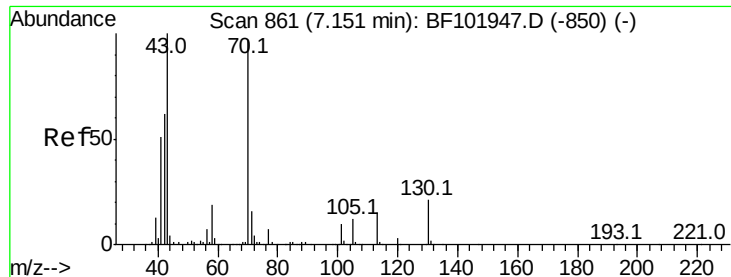


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

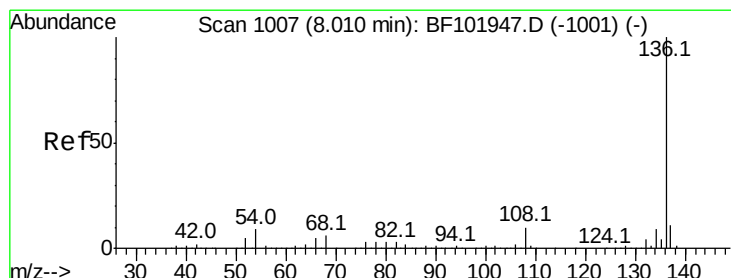
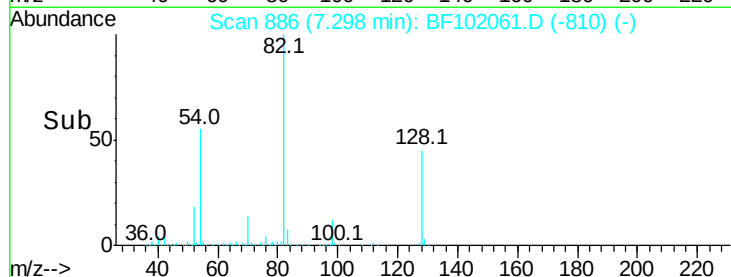
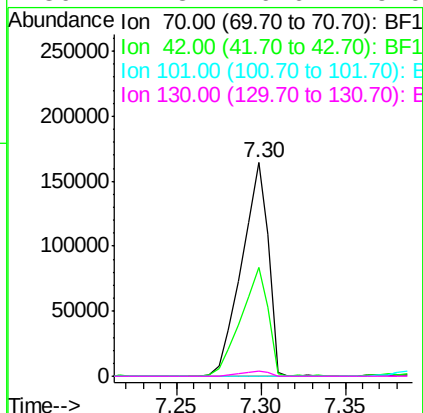
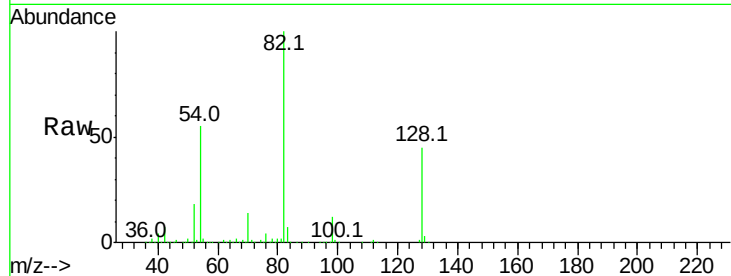




#19
n-Nitroso-di-n-propylamine
Concen: 7.538 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

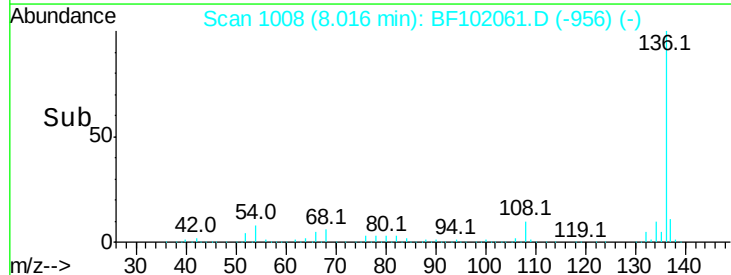
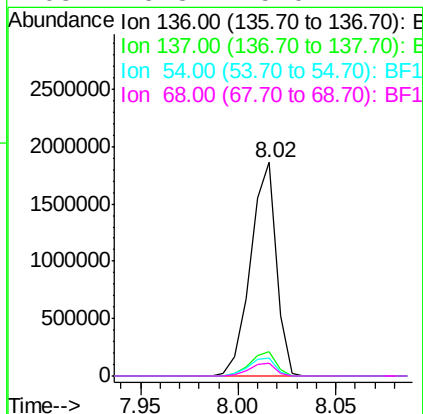
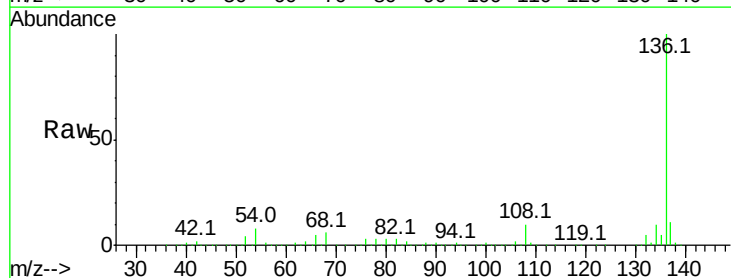
Instrument :
BNA_F
ClientSampleId :

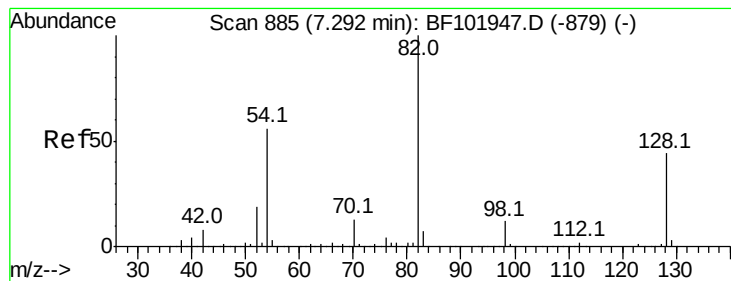
Tot Ion: 70 Resp: 182172
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Tgt Ion:136 Resp: 1703024
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 46.485 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

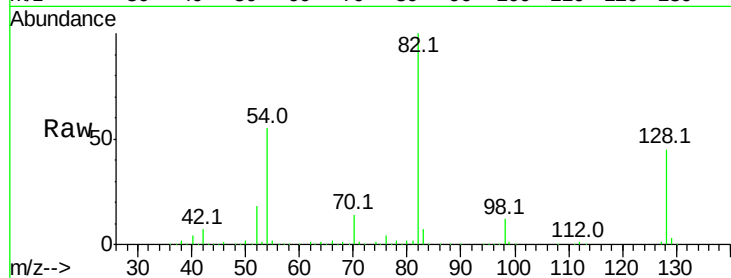
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1347182

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.9	41.4	62.2

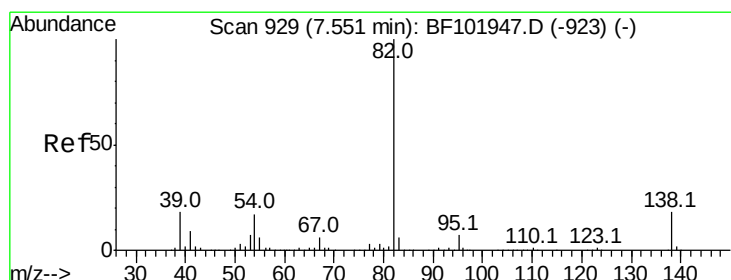
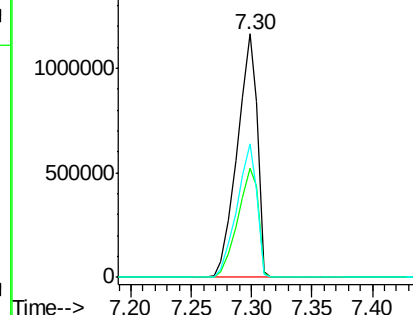
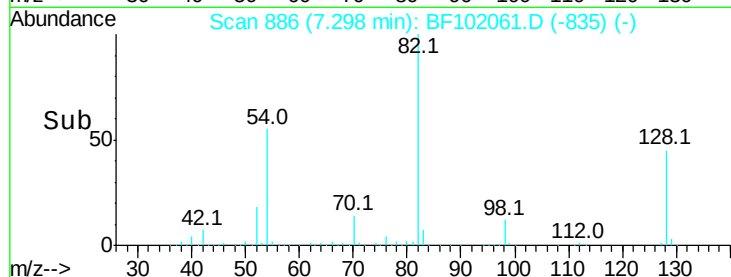


Abundance

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



#25

Isophorone

Concen: 23.371 ng

RT: 7.30 min Scan# 886

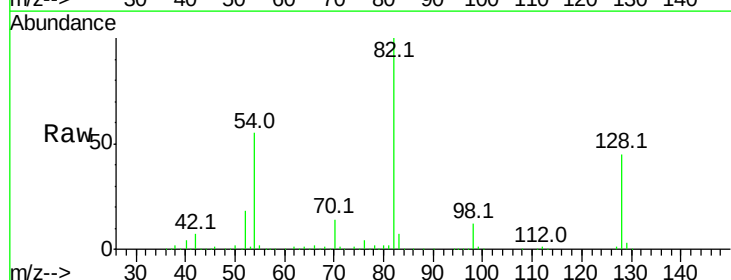
Delta R.T. -0.25 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

Tgt Ion: 82 Resp: 1338287

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

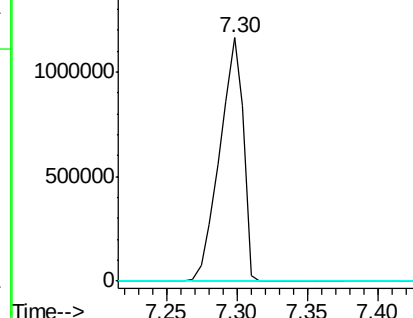
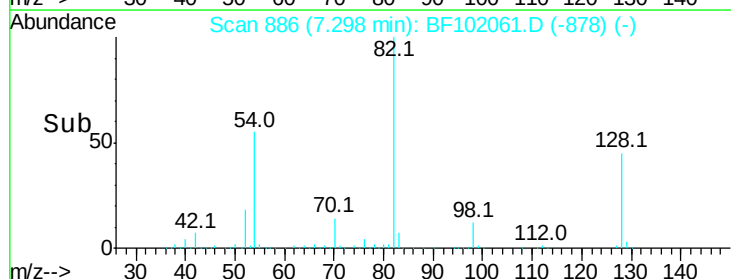


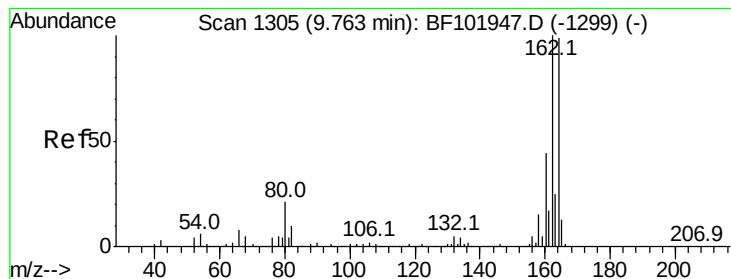
Abundance

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

Instrument :

BNA_F

ClientSampleId :

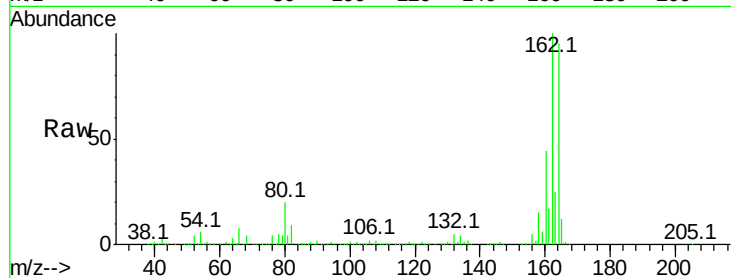
Tot Ion:164 Resp: 692036

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

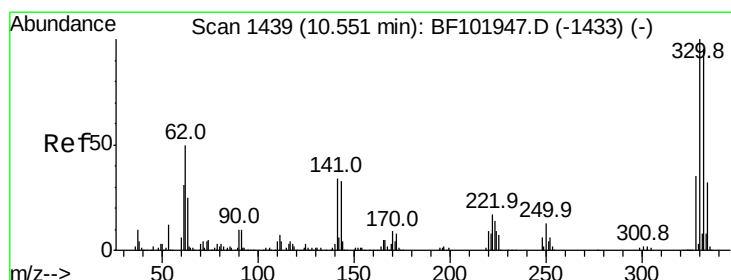
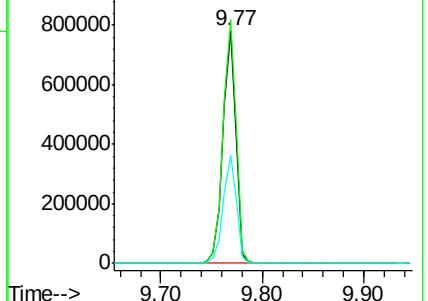
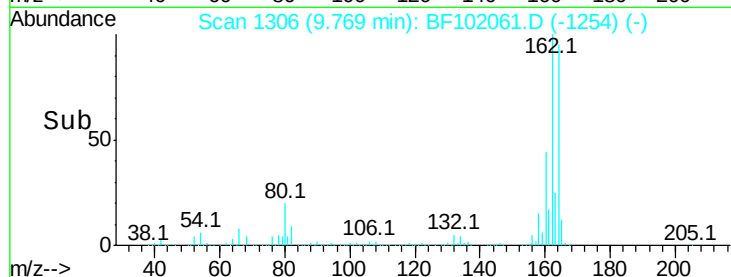
160 46.4 38.3 57.5



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: 55.161 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

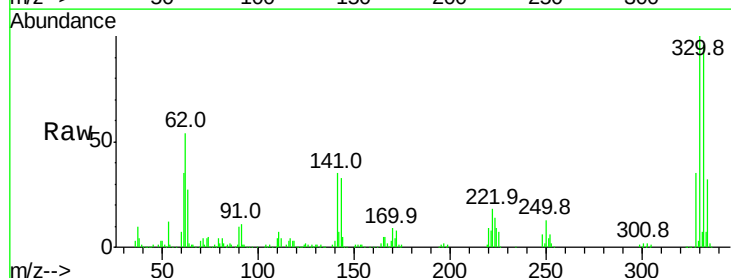
Tgt Ion:330 Resp: 333134

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

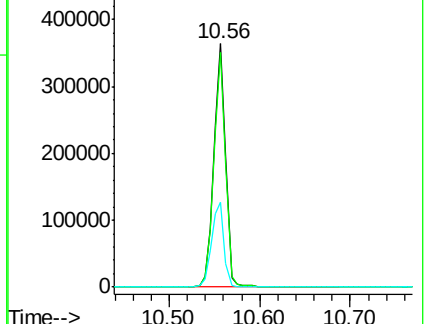
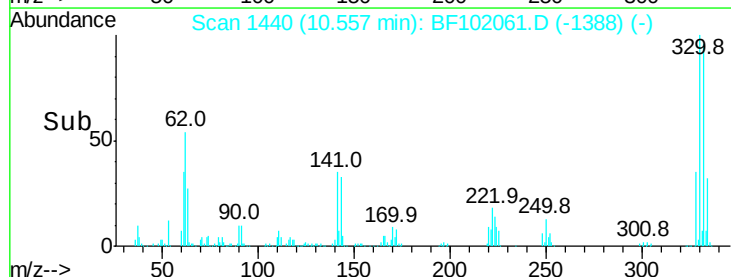
141 37.2 29.9 44.9

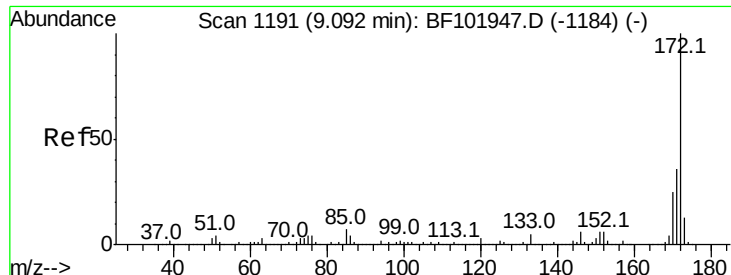


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

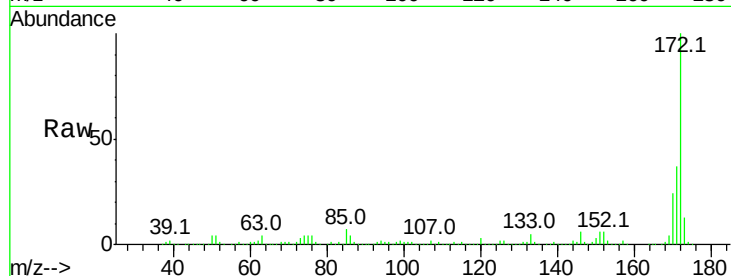




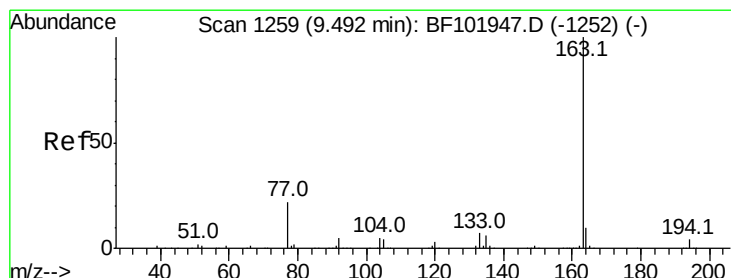
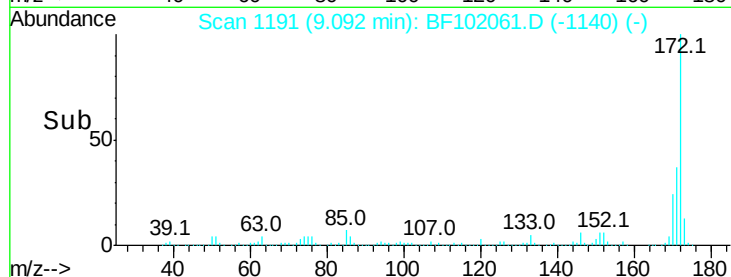
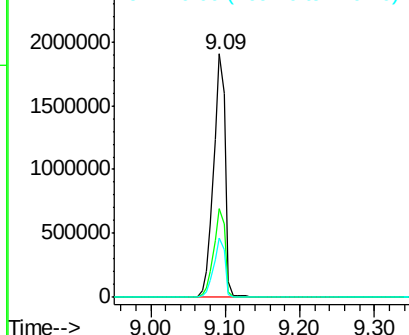
#44
2-Fluorobiphenyl
Concen: 46.297 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2050801
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

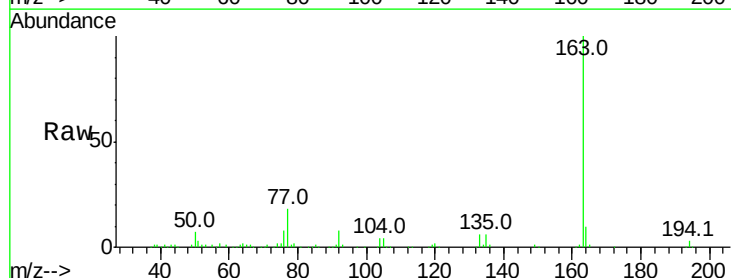


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

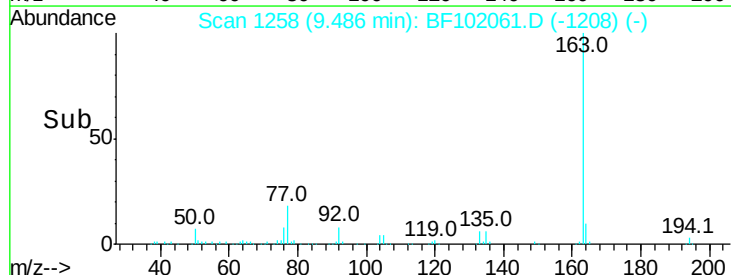
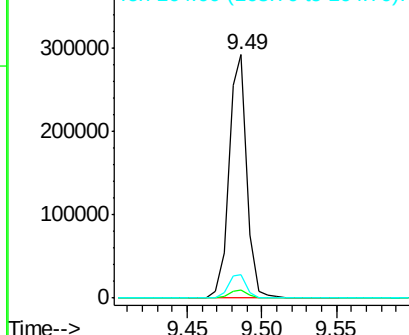


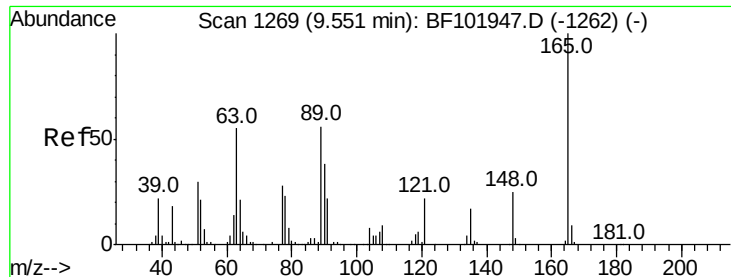
#49
Dimethylphthalate
Concen: 4.466 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Tgt Ion:163 Resp: 247942
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 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

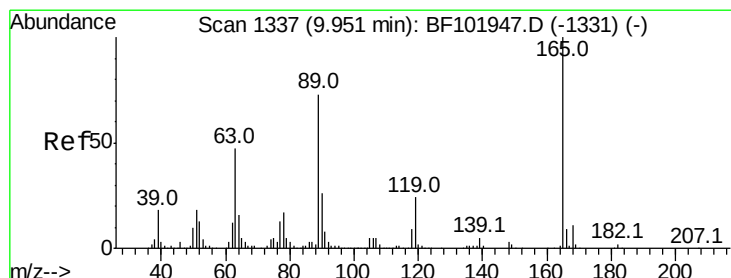
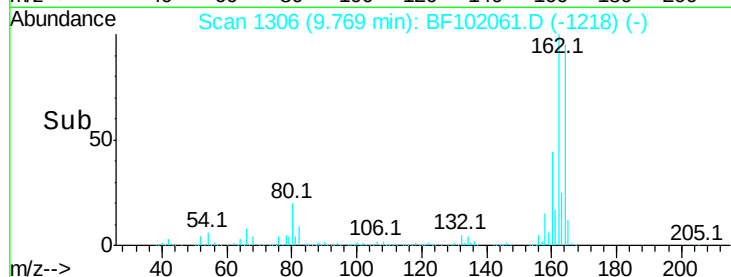
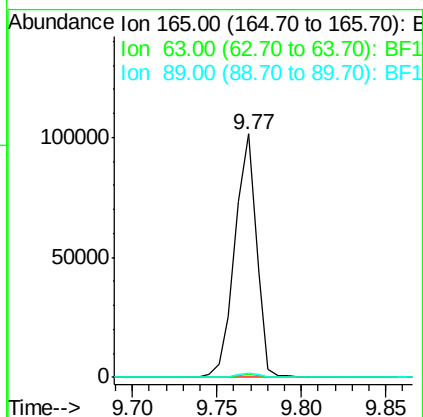
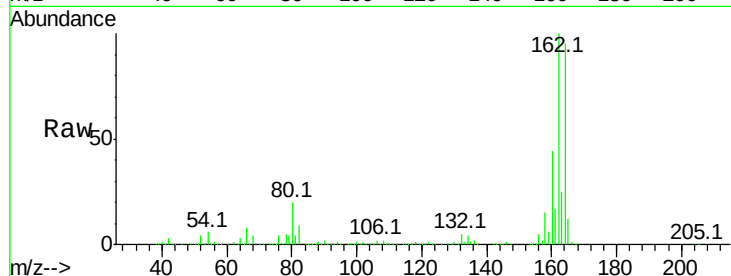




#50
 2,6-Dinitrotoluene
 Concen: 8.163 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF102061.D
 Acq: 12 Jan 2018 23:34

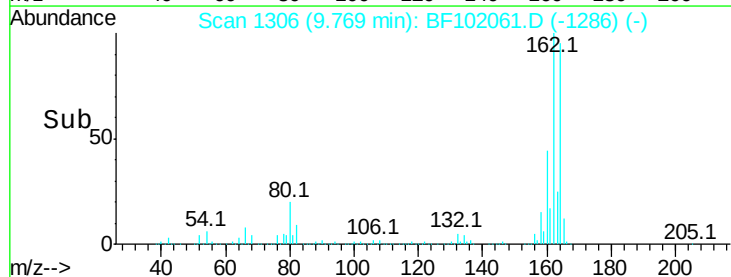
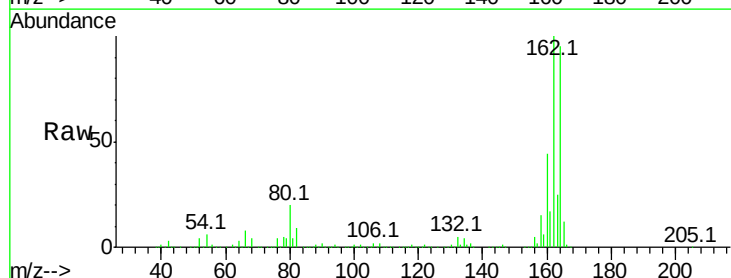
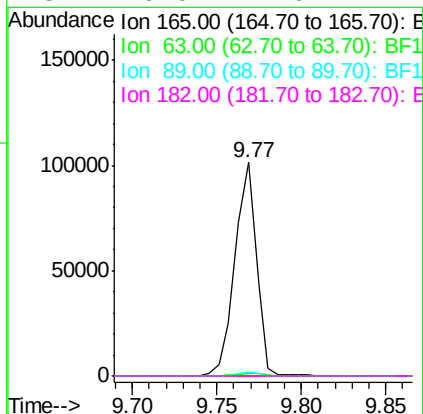
Instrument :
 BNA_F
 ClientSampleId :

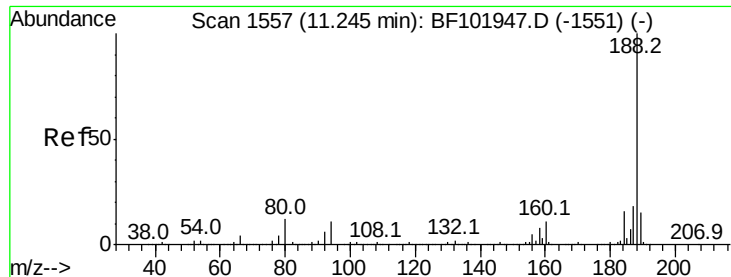
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.513 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.18 min
 Lab File: BF102061.D
 Acq: 12 Jan 2018 23:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

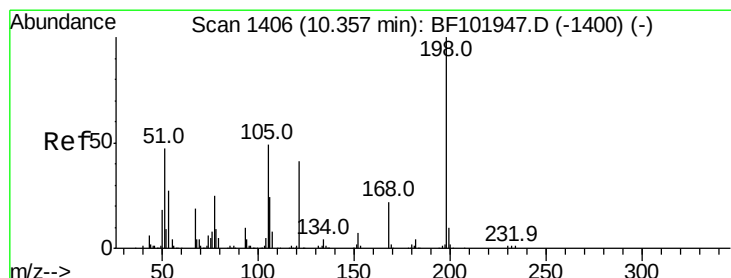
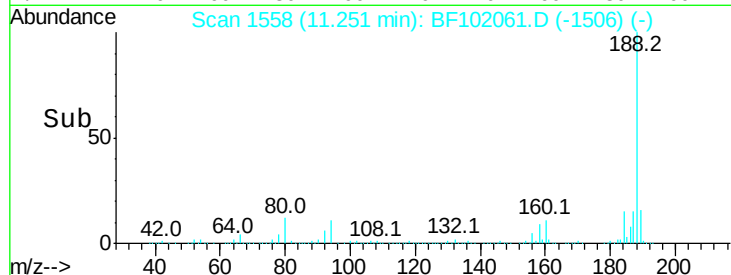
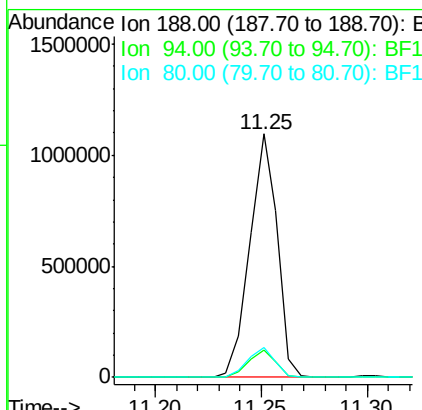
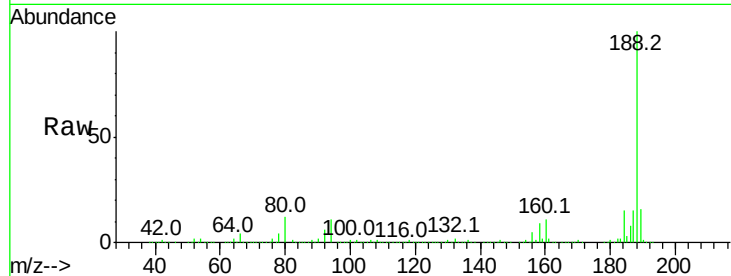




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF102061.D
 Acq: 12 Jan 2018 23:34

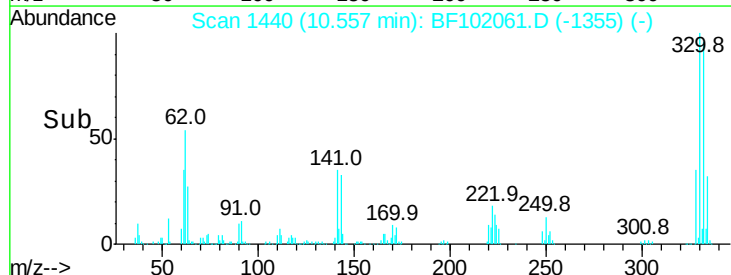
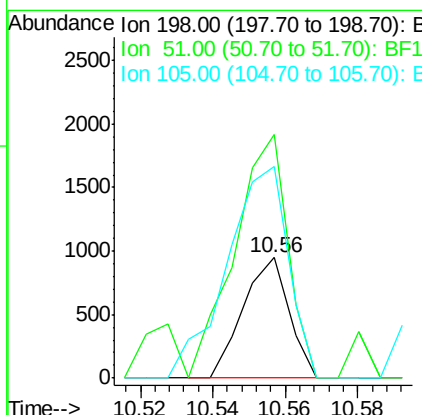
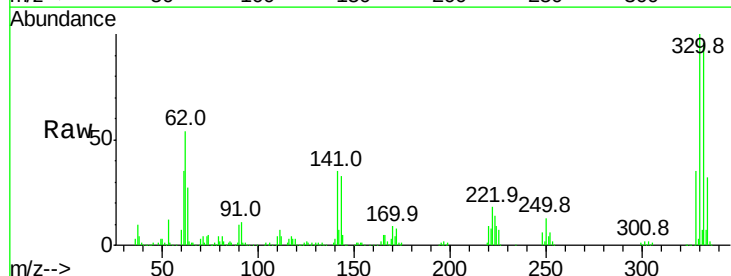
Instrument :
 BNA_F
 ClientSampled :

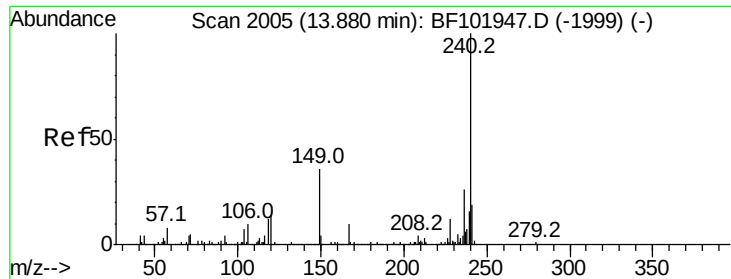
Tot Ion:188 Resp: 992076
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.799 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.20 min
 Lab File: BF102061.D
 Acq: 12 Jan 2018 23:34

Tgt Ion:198 Resp: 833
 Ion Ratio Lower Upper
 198 100
 51 202.2 37.7 77.7#
 105 175.3 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

Instrument :

BNA_F

ClientSampled :

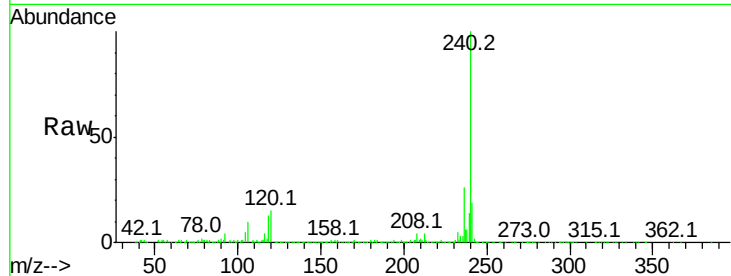
Tot Ion:240 Resp: 711020

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

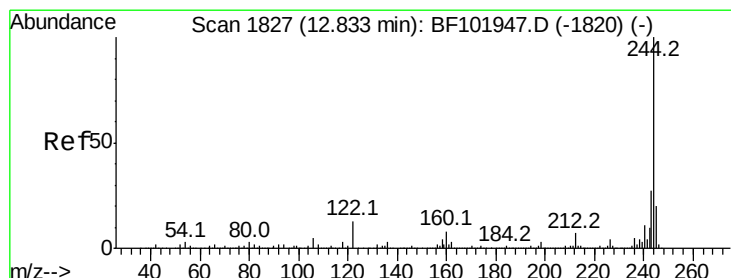
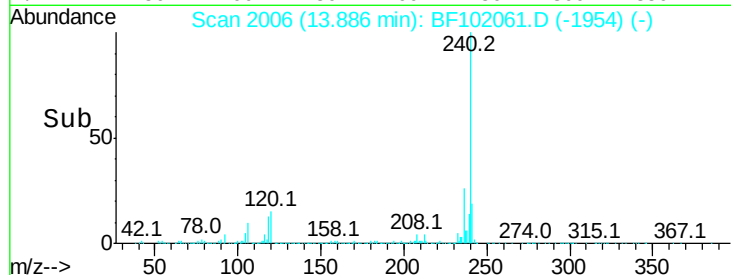
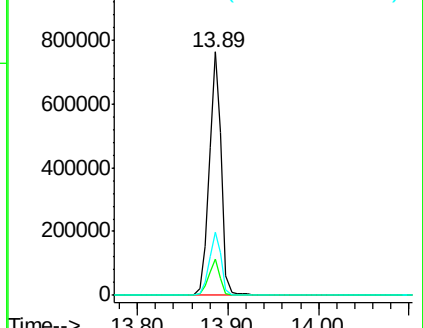
236 26.1 20.7 31.1



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: 40.452 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF102061.D

Acq: 12 Jan 2018 23:34

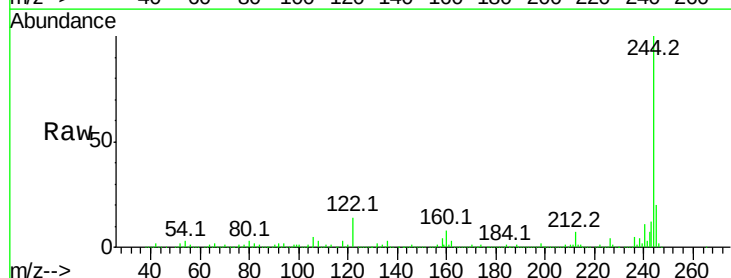
Tgt Ion:244 Resp: 1385297

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

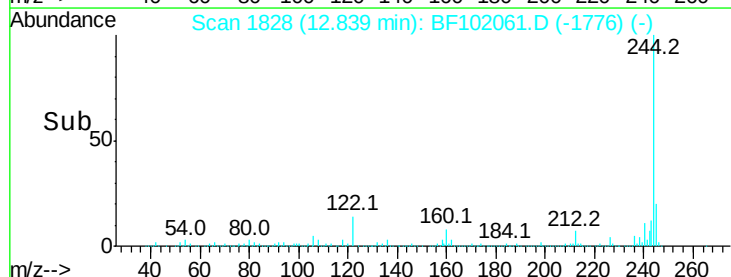
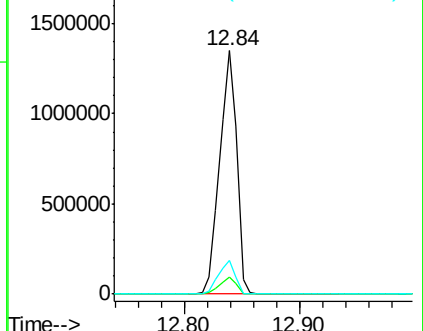
122 13.9 11.0 16.4

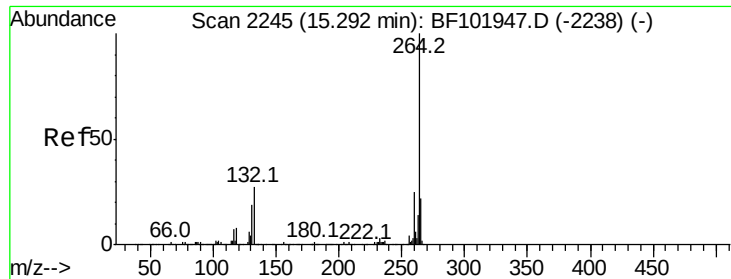


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102061.D
Acq: 12 Jan 2018 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 538274
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.6 17.5 26.3

