

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102180.D
 Acq On : 18 Jan 2018 5:56
 Operator : SJ/JU
 Sample : J1144-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 07:21:51 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

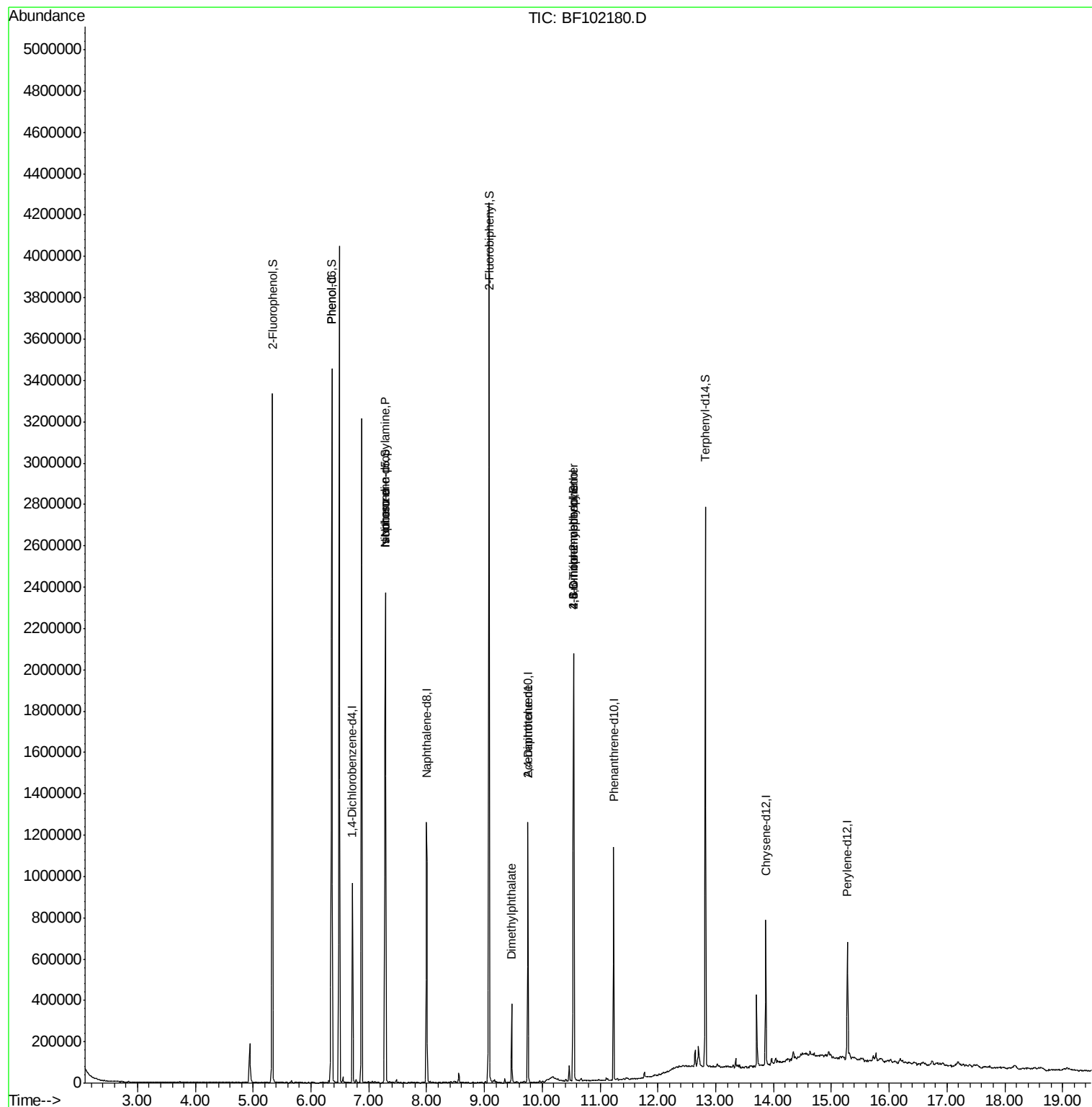
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142754	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	569919	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	249080	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369014	20.00	ng	0.00
75) Chrysene-d12	13.86	240	236727	20.00	ng	-0.01
86) Perylene-d12	15.28	264	234157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1154859	114.24	ng	0.02
7) Phenol-d6	6.36	99	1350157	111.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	856666	88.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	260854	120.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1371026	85.99	ng	0.00
78) Terphenyl-d14	12.82	244	876963	76.92	ng	0.00
Target Compounds						
10) Phenol	6.37	94	63105	4.630	ng	86
19) n-Nitroso-di-n-propylamine	7.29	70	114533	14.490	ng	# 81
25) Isophorone	7.29	82	852610	44.492	ng	# 64
49) Dimethylphthalate	9.47	163	149792	7.497	ng	99
56) 2,4-Dinitrotoluene	9.75	165	30885	6.174	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	538	5.899	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16229	4.165	ng	# 1

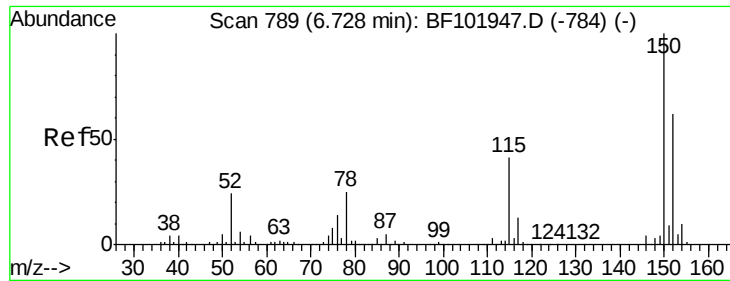
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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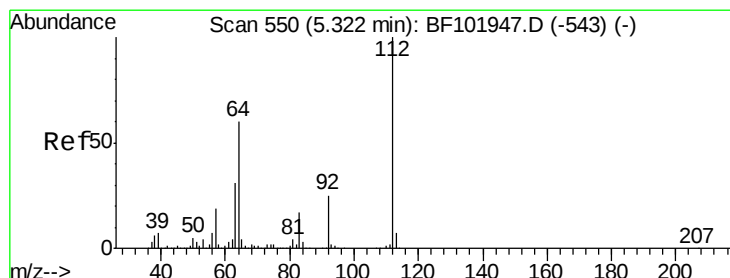
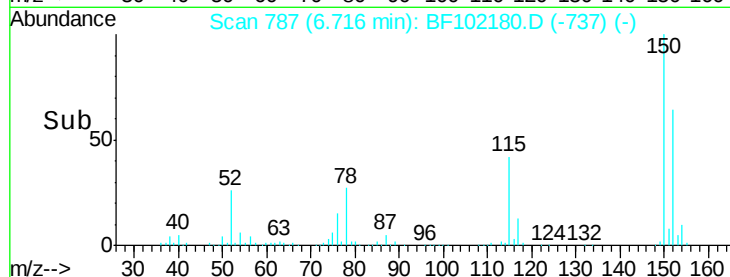
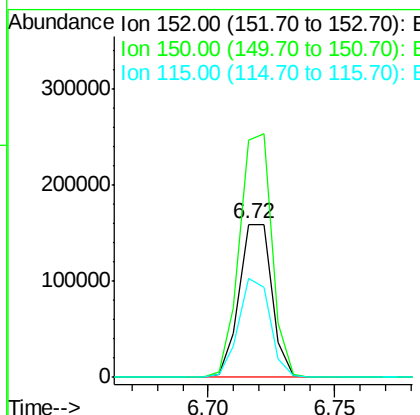
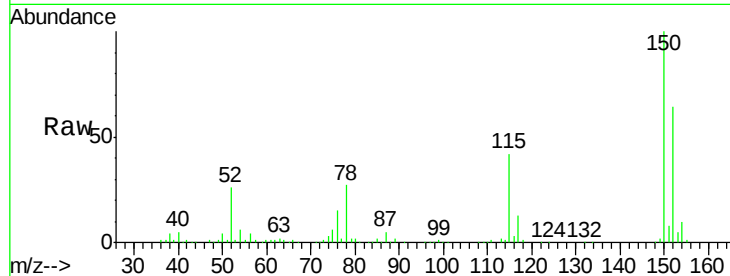


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102180.D
 Acq: 18 Jan 2018 5:56

Instrument :
 BNA_F
 ClientSampleId :

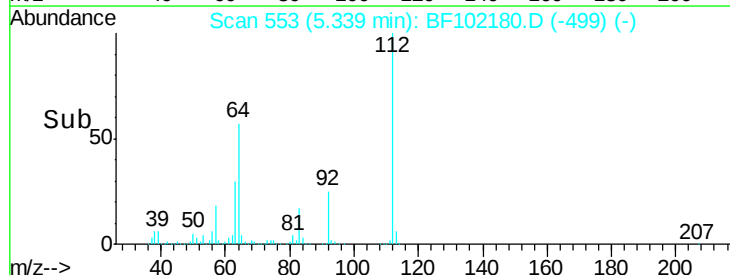
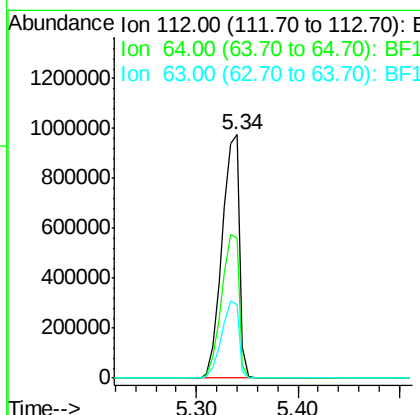
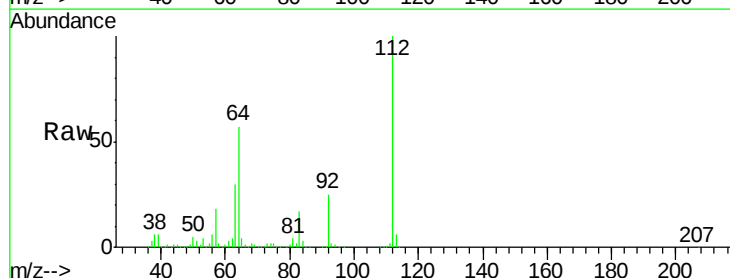
Tot Ion:152 Resp: 142754
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 65.2 50.1 75.1

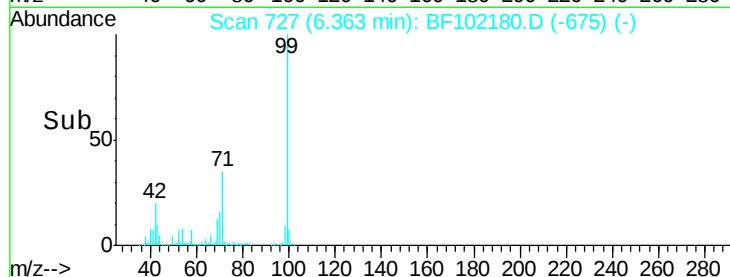
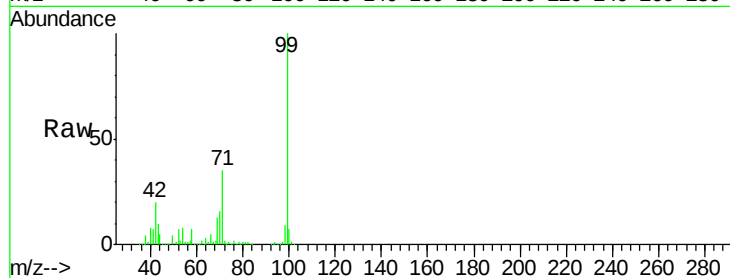


#5

2-Fluorophenol
 Concen: 114.235 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102180.D
 Acq: 18 Jan 2018 5:56

Tgt Ion:112 Resp: 1154859
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 111.938 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

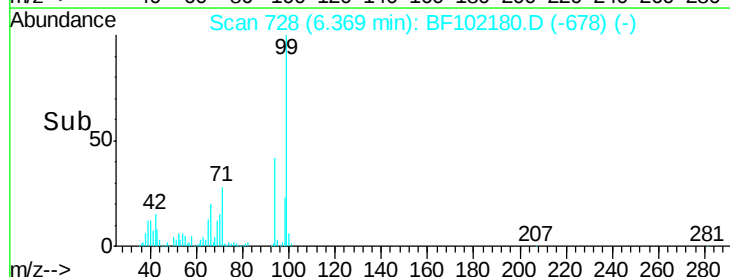
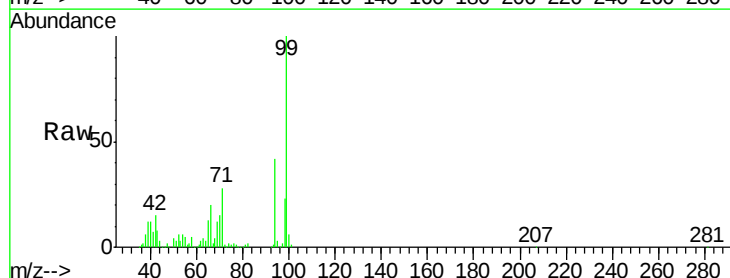
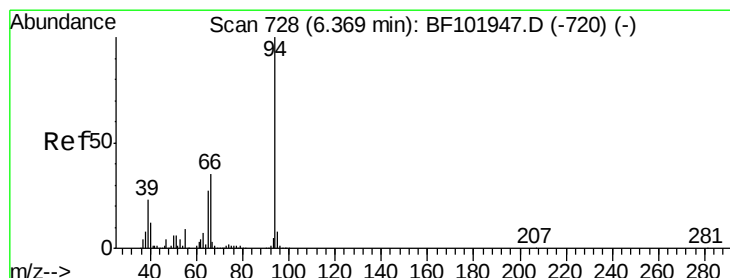
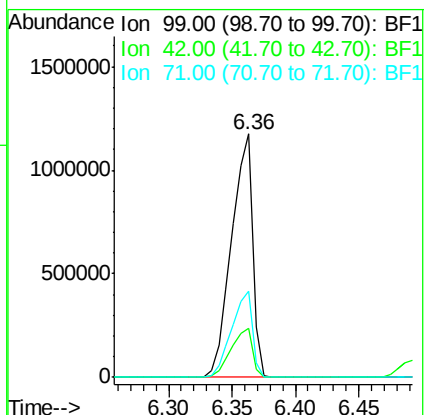
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1350157

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	35.1	25.4	38.0



#10

Phenol

Concen: 4.630 ng

RT: 6.37 min Scan# 728

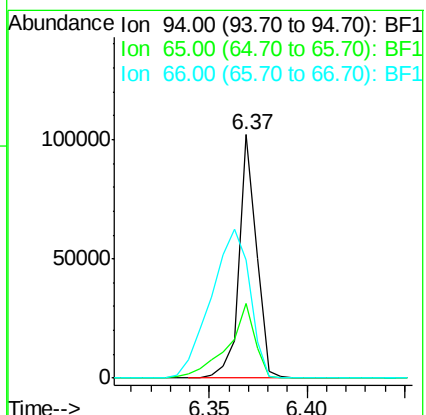
Delta R.T. -0.01 min

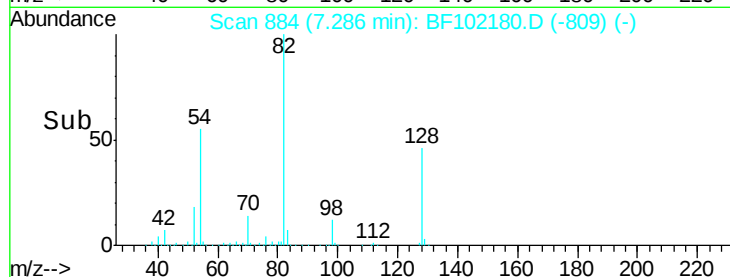
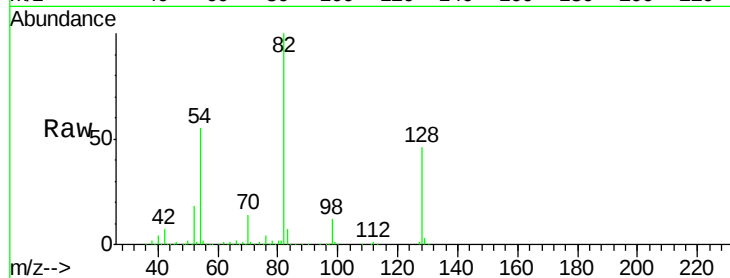
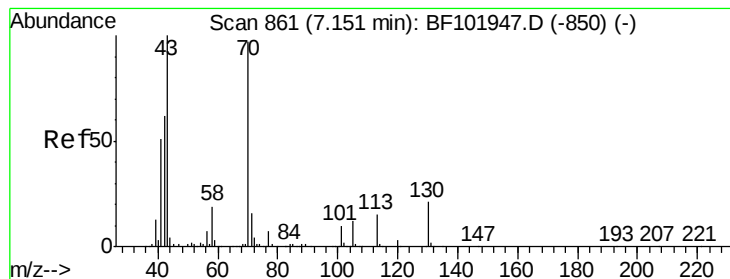
Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Tgt Ion: 94 Resp: 63105

Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	48.5	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.490 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 114533

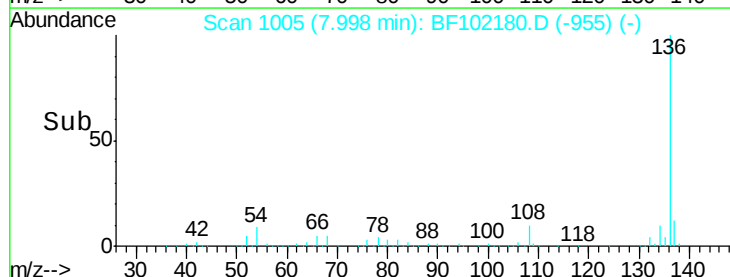
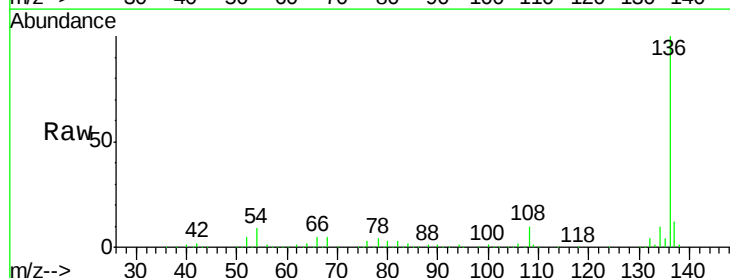
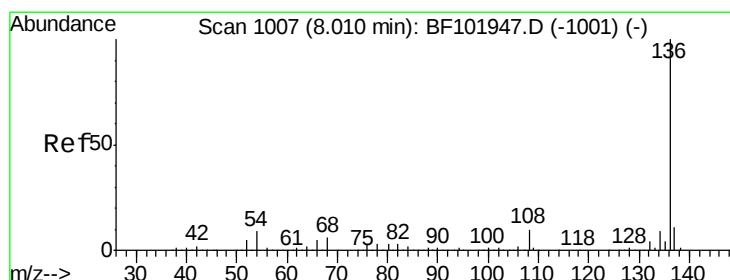
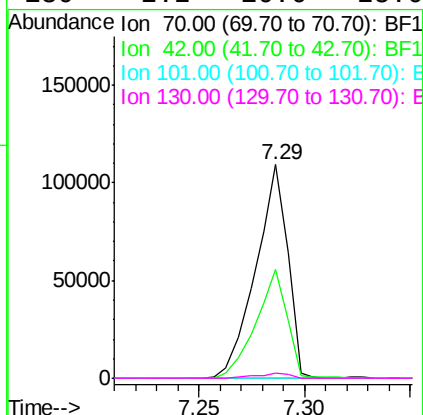
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 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: BF102180.D

Acq: 18 Jan 2018 5:56

Tgt Ion: 136 Resp: 569919

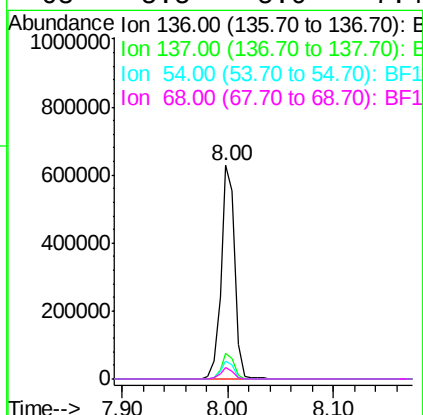
Ion Ratio Lower Upper

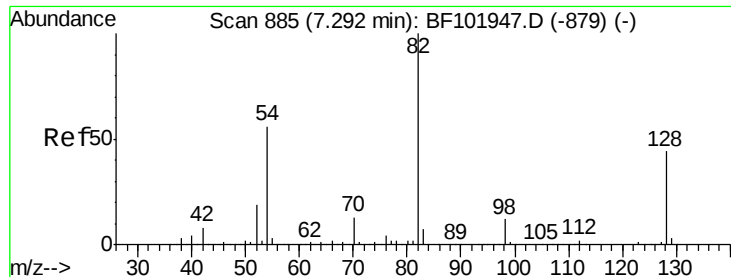
136 100

137 11.8 8.9 13.3

54 8.7 6.6 9.8

68 5.5 5.0 7.4

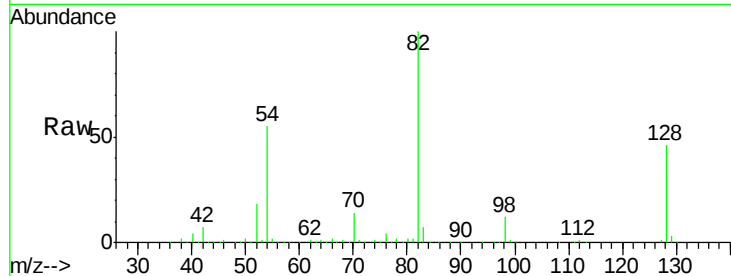




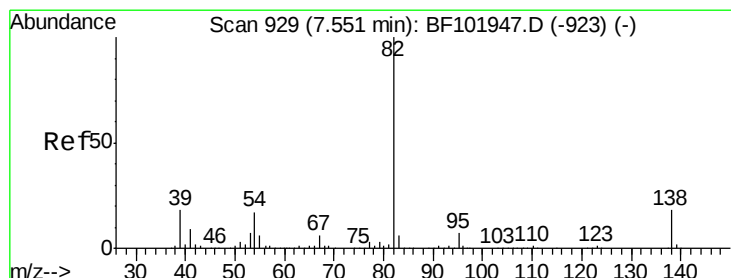
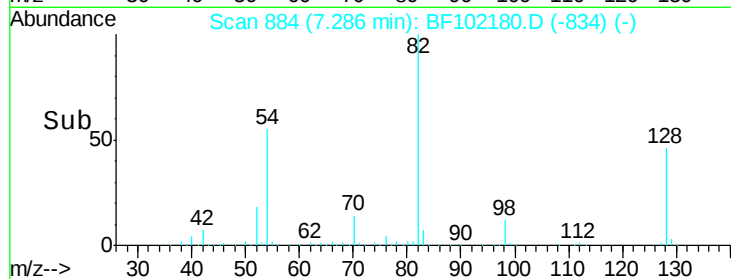
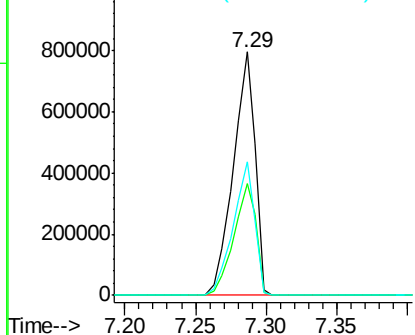
#23
Nitrobenzene-d5
Concen: 88.330 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 856666
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 55.1 41.4 62.2

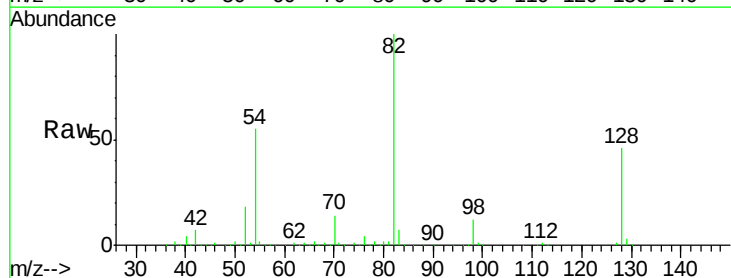


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

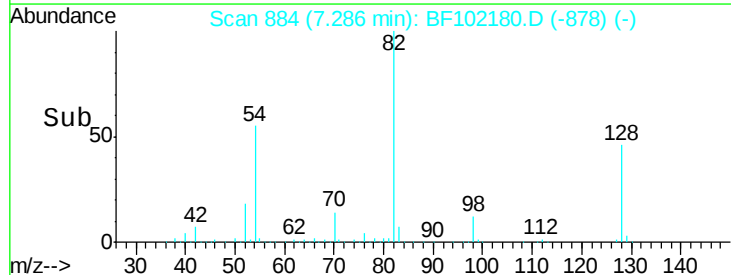
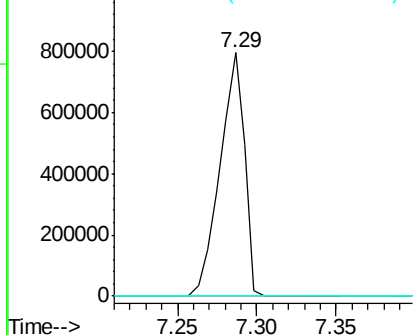


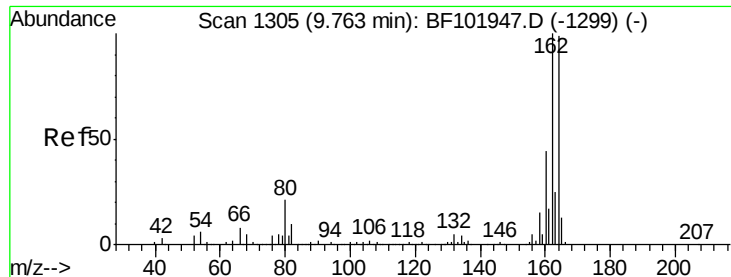
#25
Isophorone
Concen: 44.492 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion: 82 Resp: 852610
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

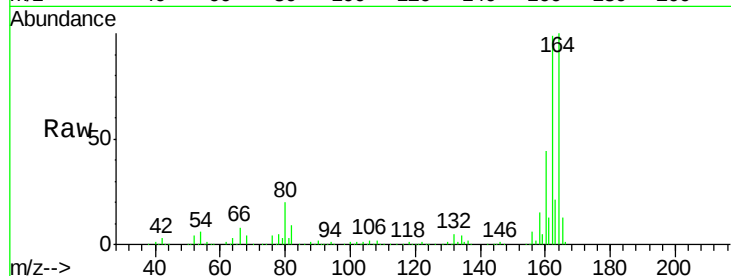




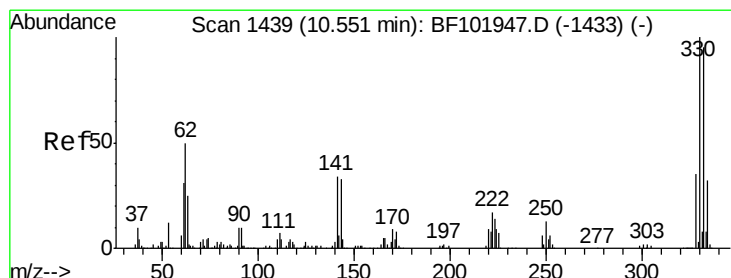
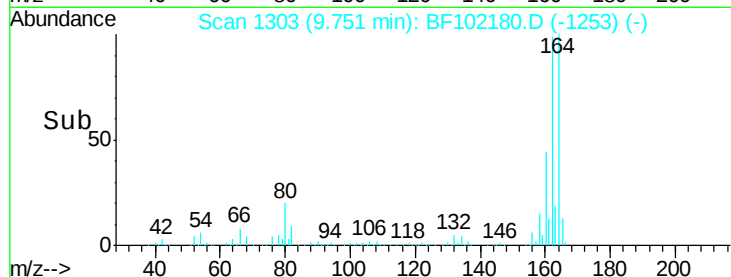
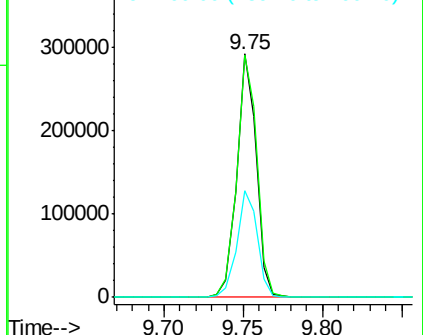
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 249080
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 43.6 38.3 57.5

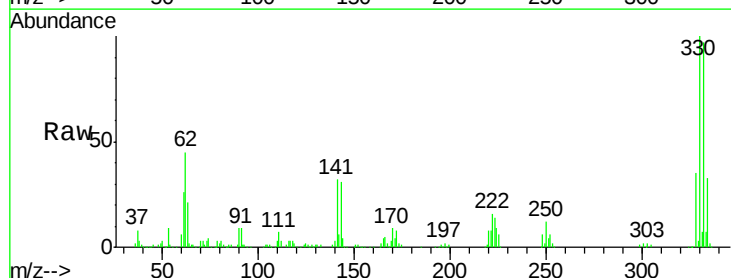


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

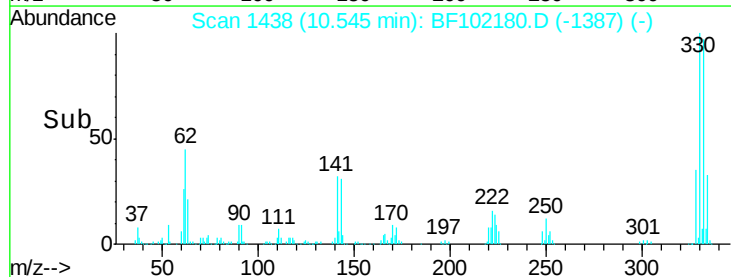
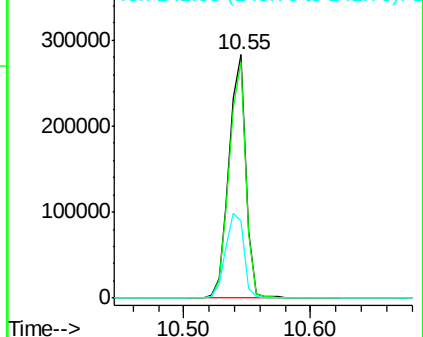


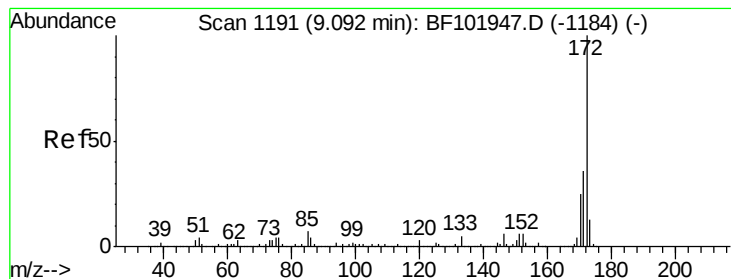
#41
2,4,6-Tribromophenol
Concen: 120.005 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:330 Resp: 260854
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 38.0 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

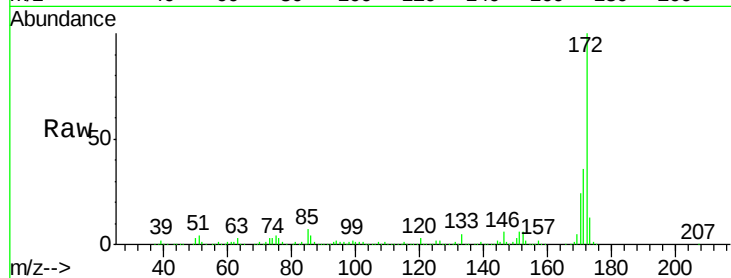




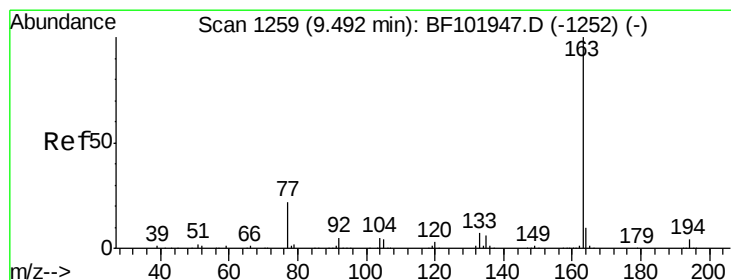
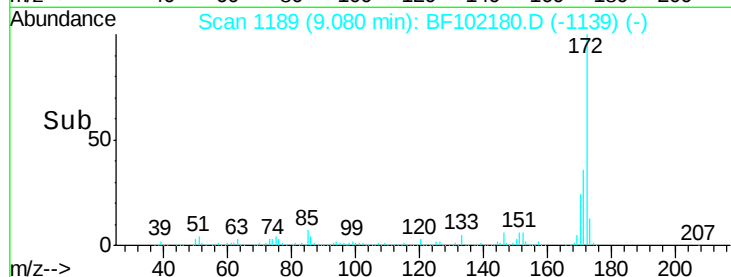
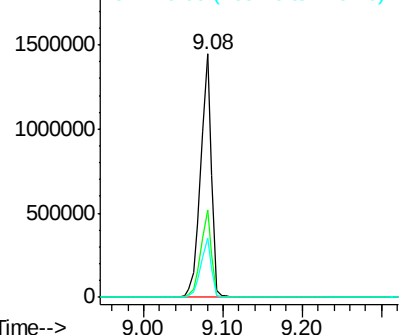
#44
2-Fluorobiphenyl
Concen: 85.993 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1371026
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 19.6 29.4

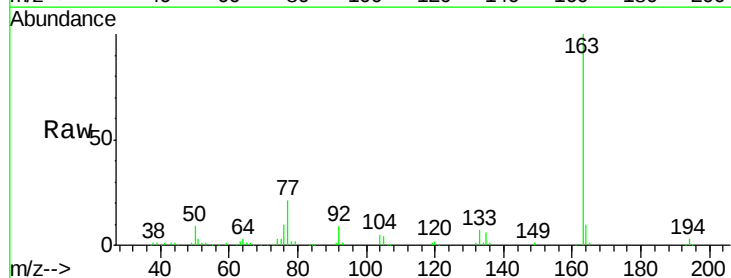


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

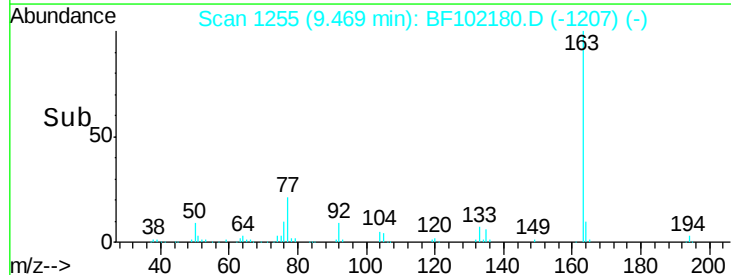
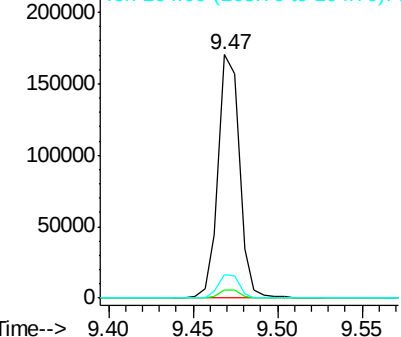


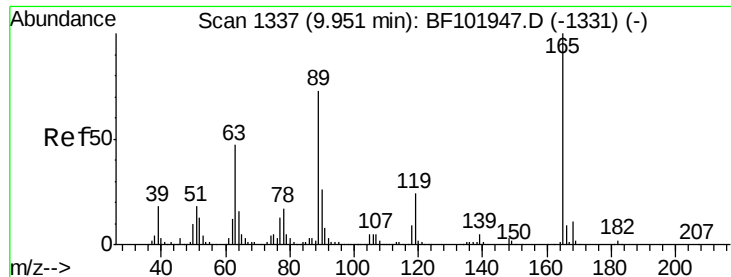
#49
Dimethylphthalate
Concen: 7.497 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:163 Resp: 149792
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 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

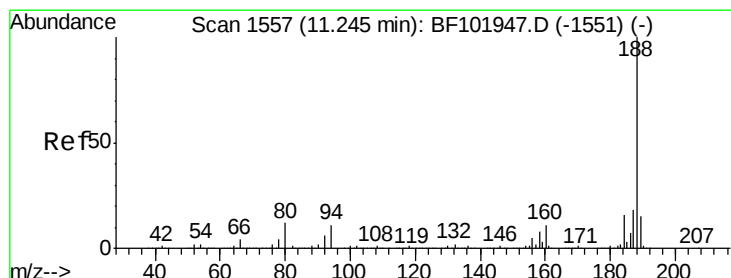
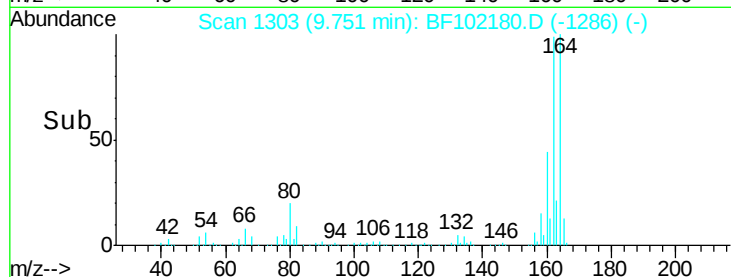
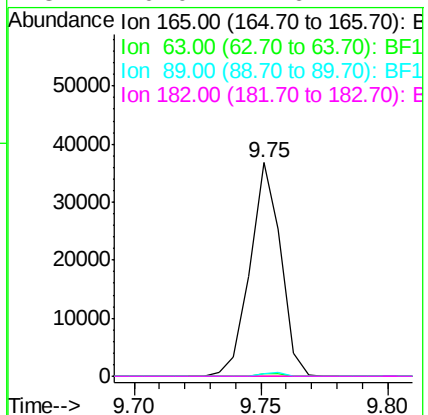
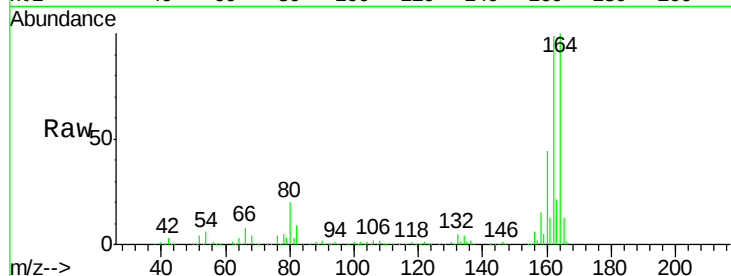




#56
 2,4-Dinitrotoluene
 Concen: 6.174 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102180.D
 Acq: 18 Jan 2018 5:56

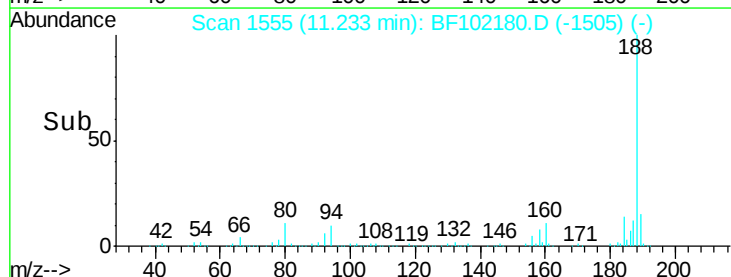
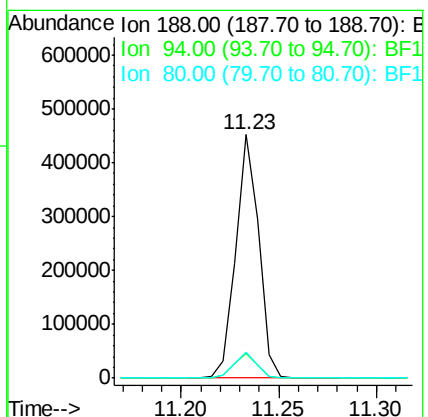
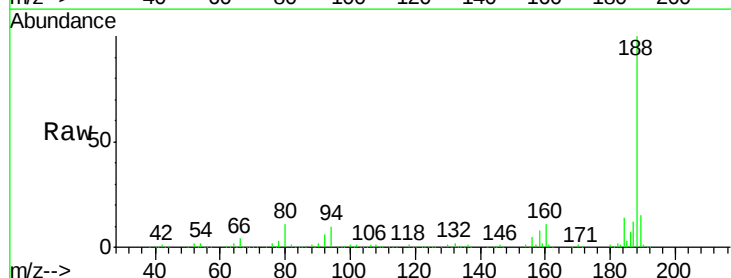
Instrument :
 BNA_F
 ClientSampleId :

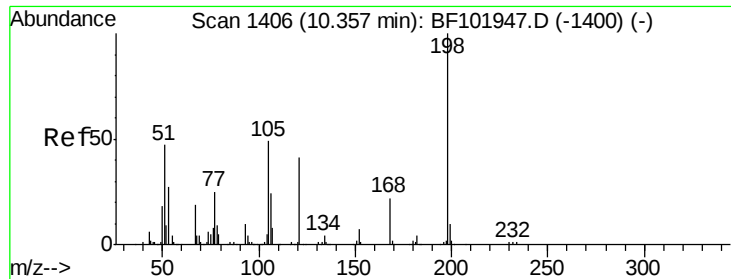
Tot Ion:	165	Resp:	30885
Ion Ratio	Lower	Upper	
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102180.D
 Acq: 18 Jan 2018 5:56

Tgt Ion:	188	Resp:	369014
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

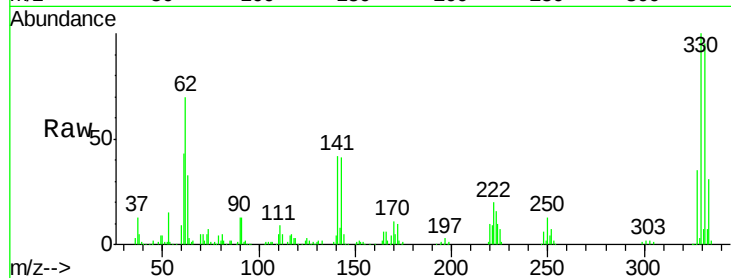




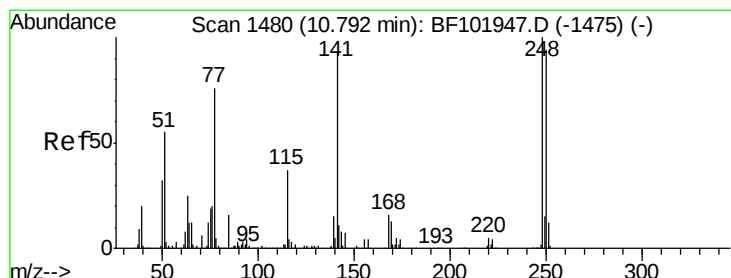
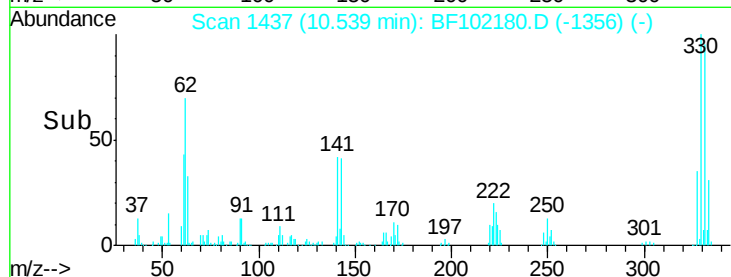
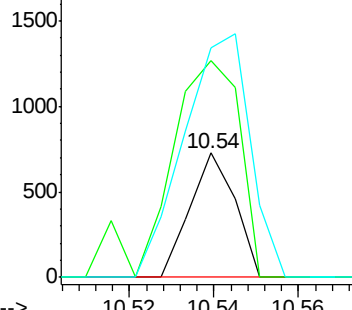
#64
4,6-Dinitro-2-methylphenol
Concen: 5.899 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 538
Ion Ratio Lower Upper
198 100
51 174.5 37.7 77.7#
105 183.9 36.3 76.3#

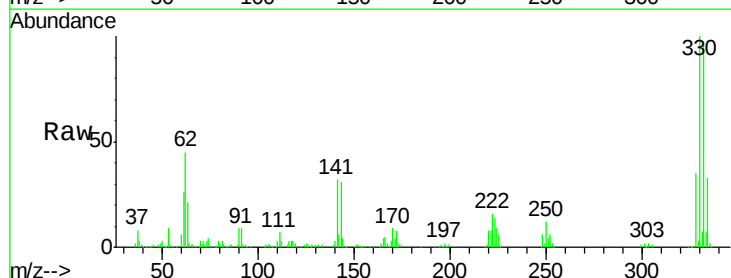


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

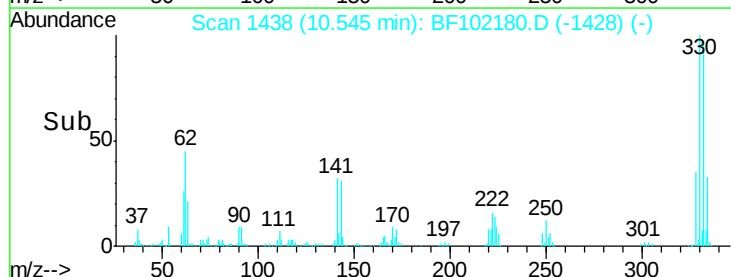
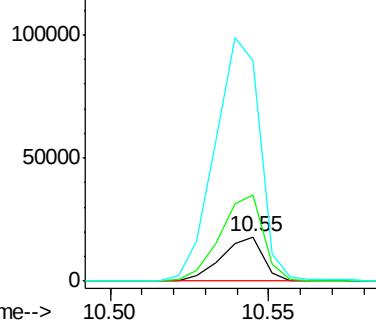


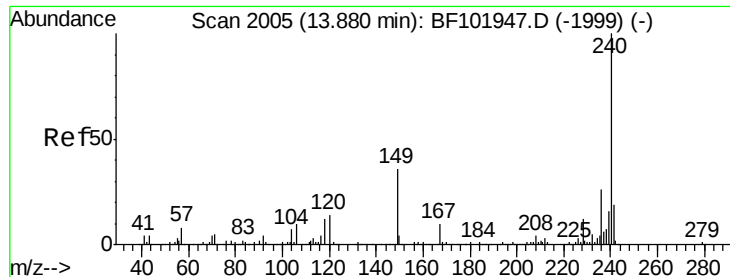
#66
4-Bromophenyl-phenylether
Concen: 4.165 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Tgt Ion:248 Resp: 16229
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 501.7 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

Instrument :

BNA_F

ClientSampleId :

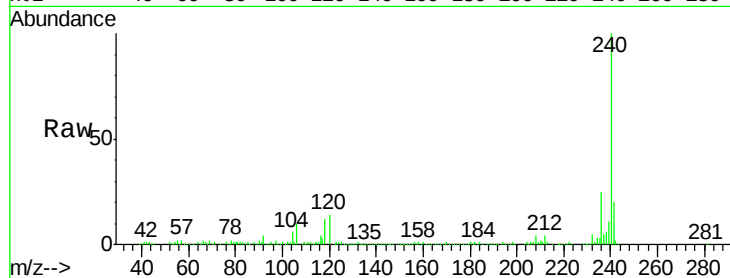
Tot Ion:240 Resp: 236727

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

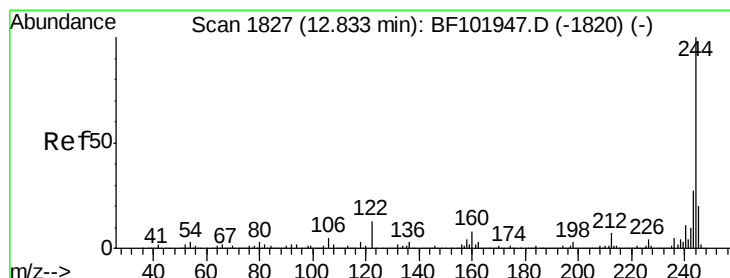
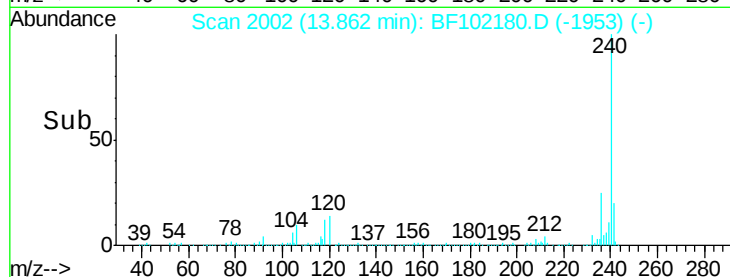
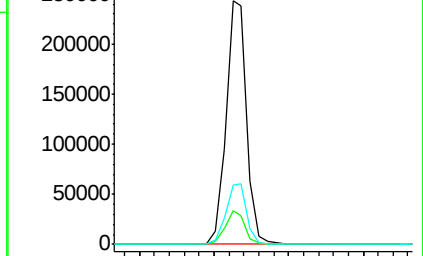
236 24.5 20.7 31.1



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: 76.916 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102180.D

Acq: 18 Jan 2018 5:56

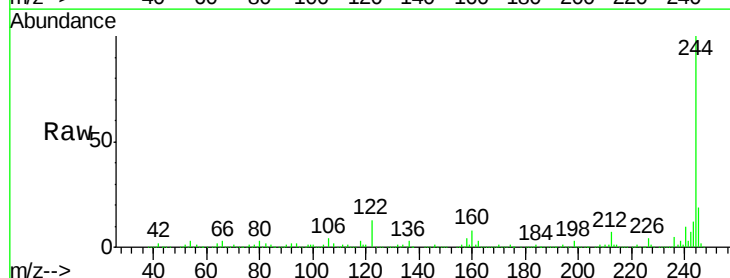
Tgt Ion:244 Resp: 876963

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

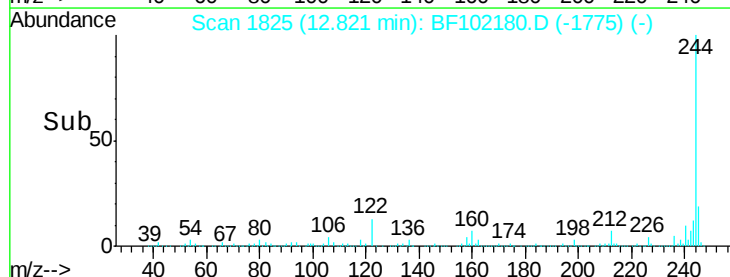
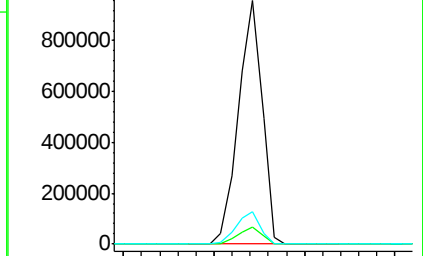
122 13.3 11.0 16.4

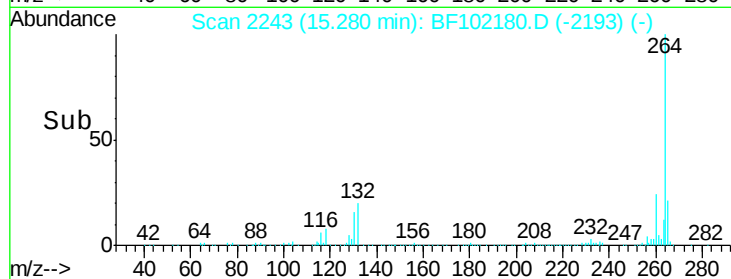
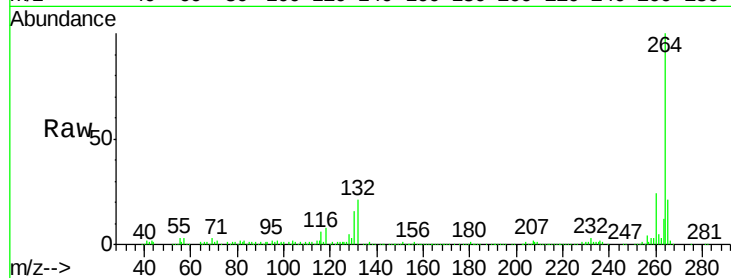
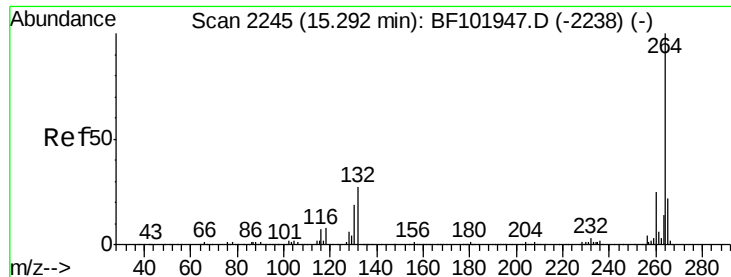


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102180.D
Acq: 18 Jan 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

