

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101165.D
 Acq On : 6 Dec 2017 14:10
 Operator : SJ/JU
 Sample : PB104760BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BL

Quant Time: Dec 06 14:40:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

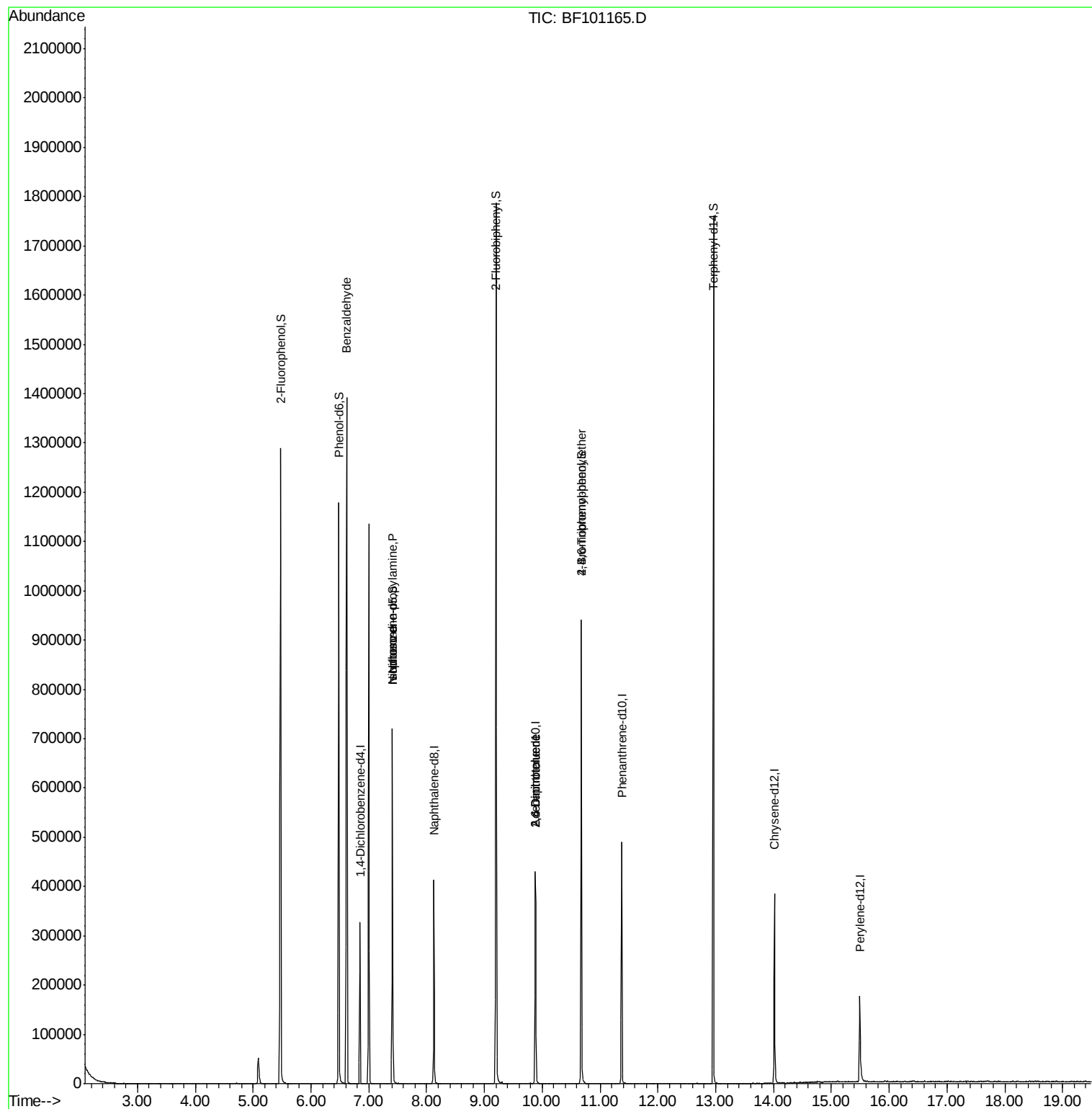
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47348	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	186728	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	92151	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	186469	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146982	20.00	ng	0.00
86) Perylene-d12	15.49	264	105603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	363506	126.86	ng	0.01
7) Phenol-d6	6.48	99	441384	126.88	ng	0.00
23) Nitrobenzene-d5	7.41	82	271847	86.85	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	120733	109.06	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	589393	87.51	ng	0.00
78) Terphenyl-d14	12.96	244	627573	93.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	7713	3.623	ng	84
19) n-Nitroso-di-n-propylamine	7.41	70	35440	15.127	ng	# 81
25) Isophorone	7.41	82	271845	50.843	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	11218	7.167	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11218	5.348	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	7462	3.575	ng	# 1

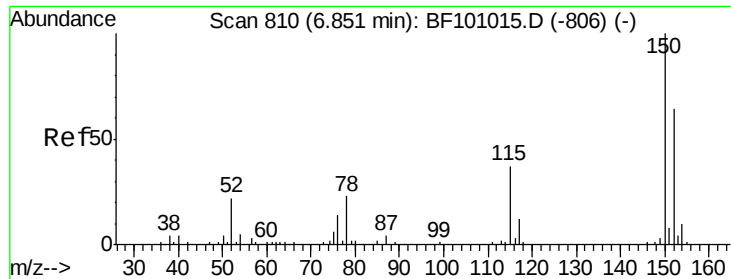
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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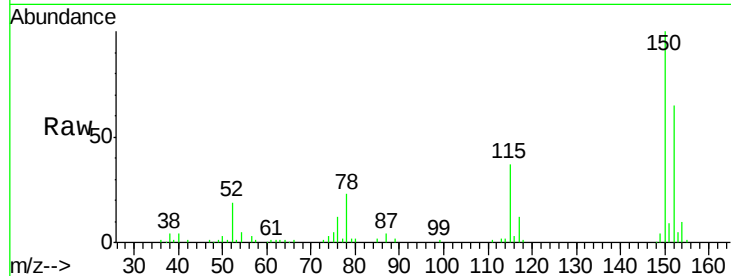


#1

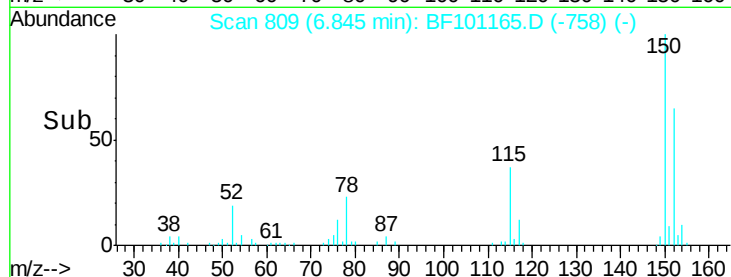
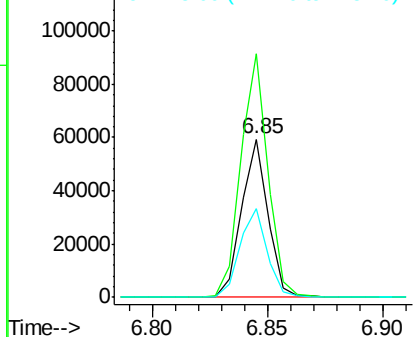
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Instrument :
BNA_F
ClientSampleId :
PB104760BL

Tot Ion:152 Resp: 47348
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 56.3 50.1 75.1



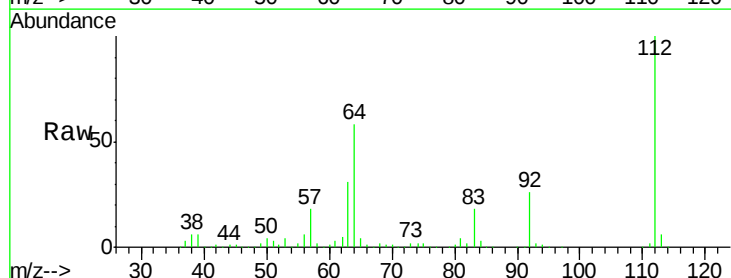
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



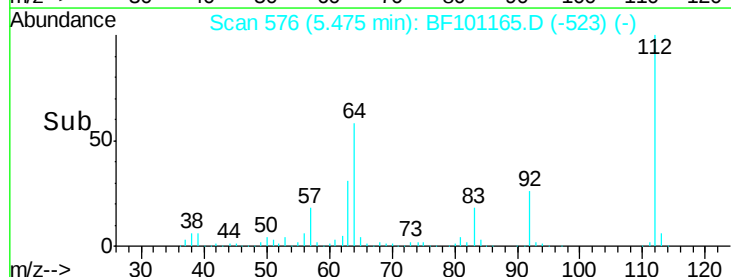
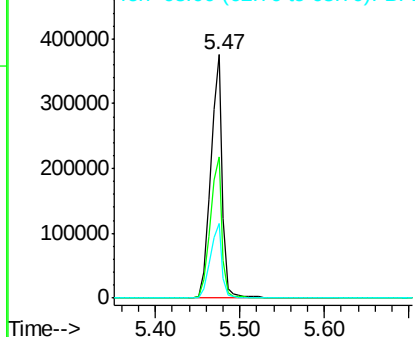
#5

2-Fluorophenol
Concen: 126.864 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:112 Resp: 363506
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.7 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: 126.879 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

Instrument :

BNA_F

ClientSampleId :

PB104760BL

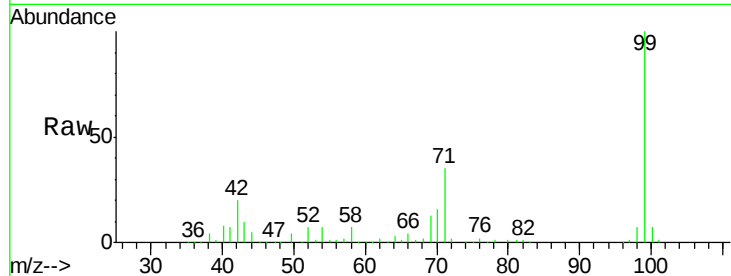
Tot Ion: 99 Resp: 441384

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

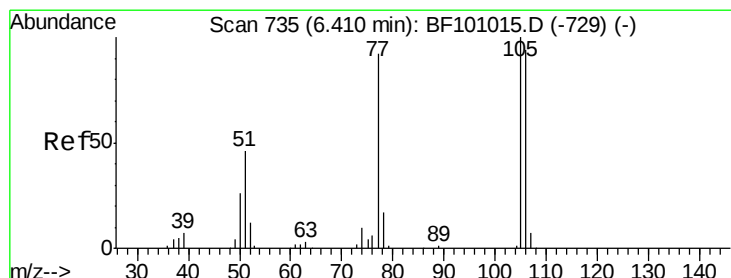
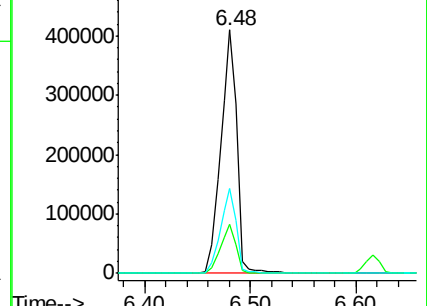
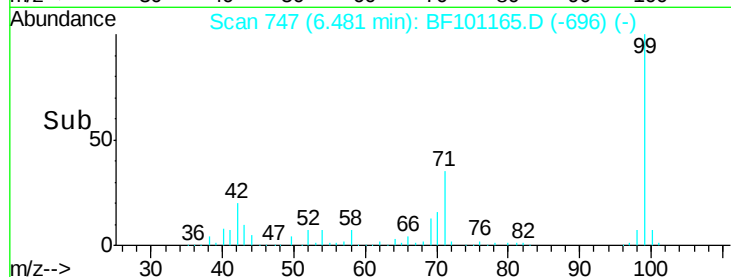
71 35.1 25.4 38.0



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: 3.623 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

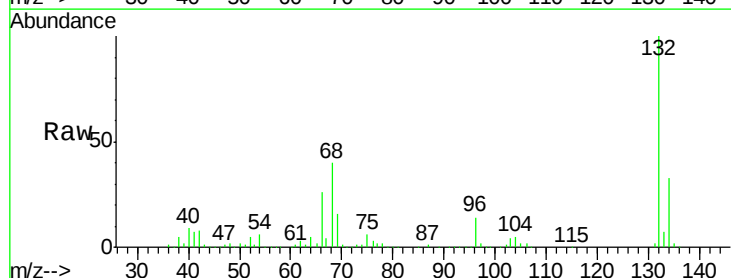
Tgt Ion: 77 Resp: 7713

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

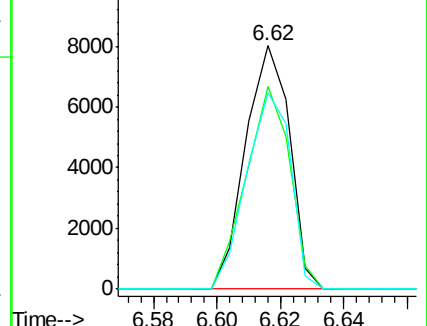
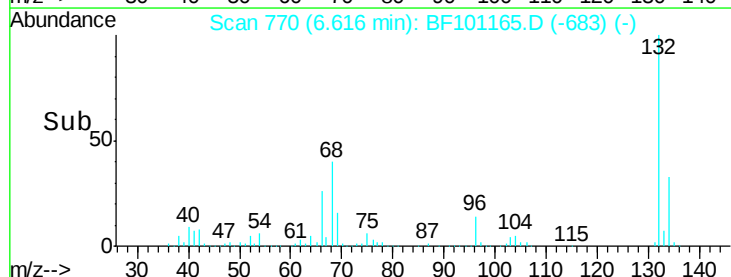
106 80.5 74.5 114.5

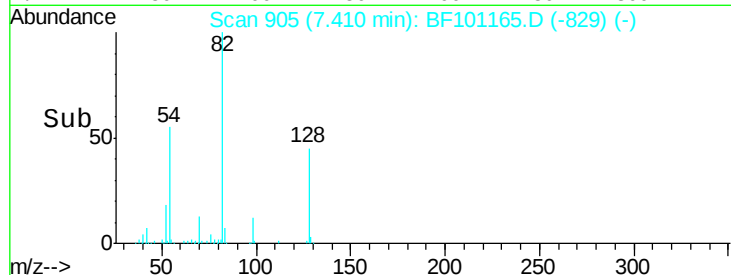
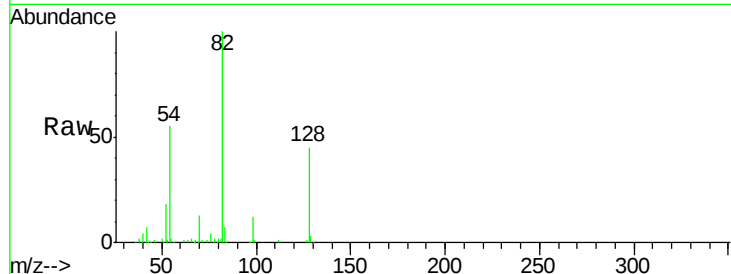
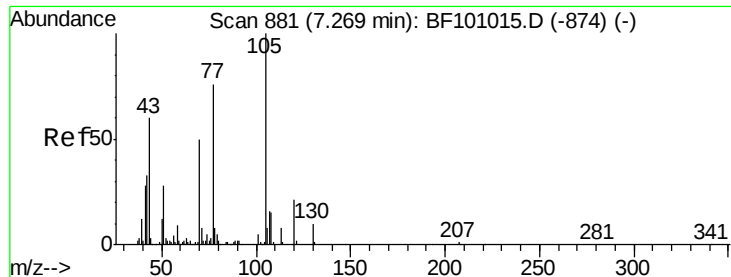


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

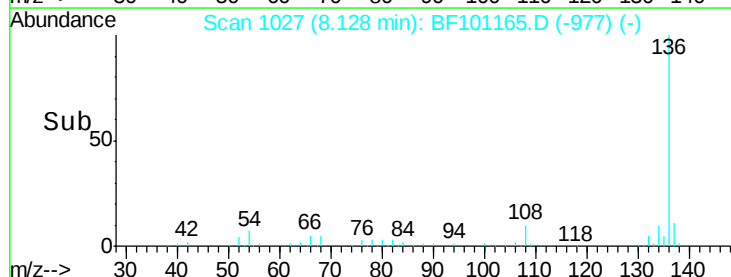
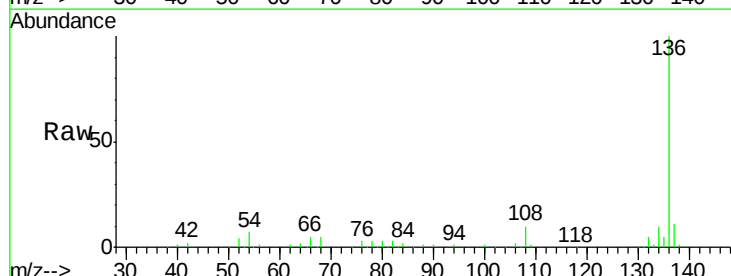
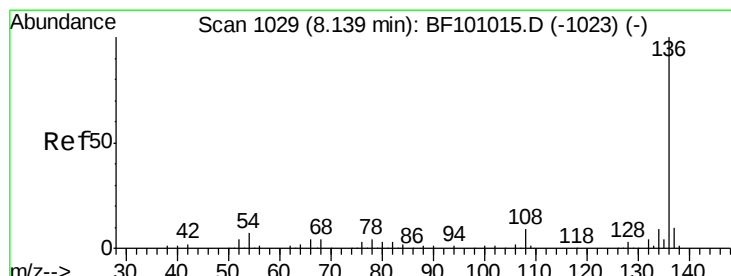
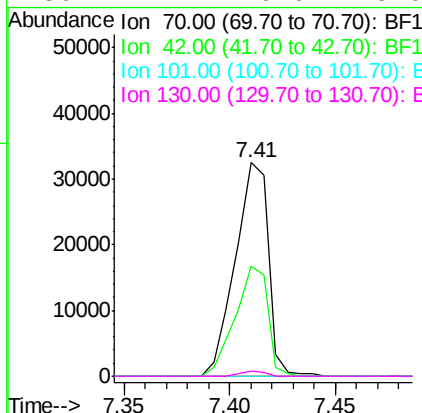




#19
n-Nitroso-di-n-propylamine
Concen: 15.127 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

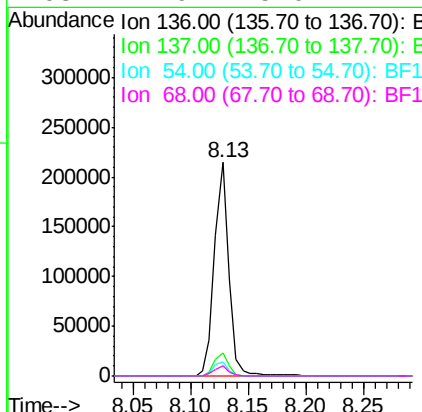
Instrument :
BNA_F
ClientSampleId :
PB104760BL

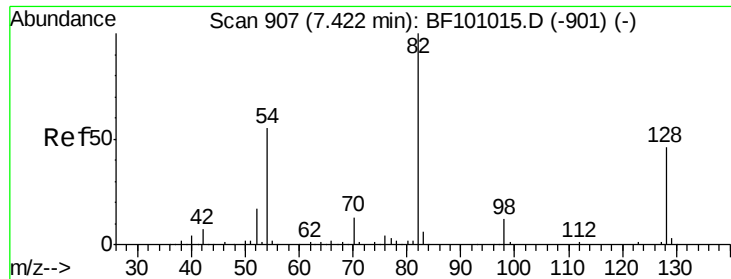
Tot Ion: 70 Resp: 35440
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:136 Resp: 186728
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.6 9.8
68 4.9 5.0 7.4#

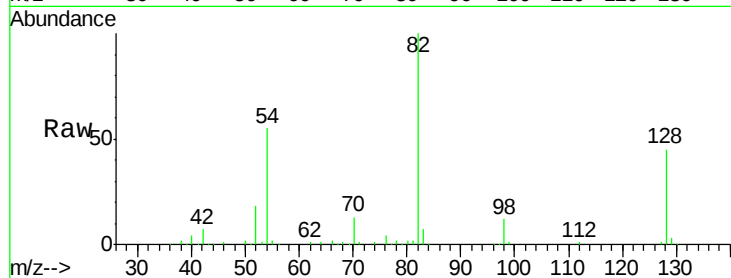




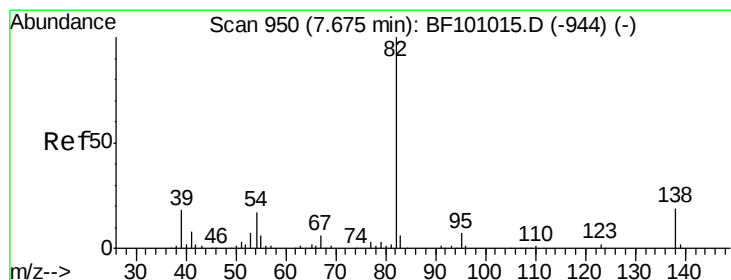
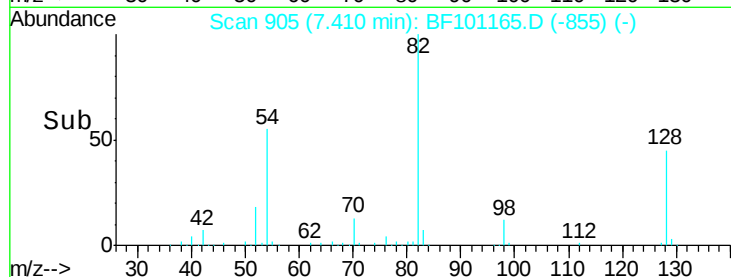
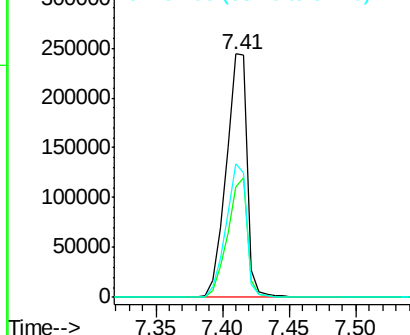
#23
Nitrobenzene-d5
Concen: 86.846 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Instrument :
BNA_F
ClientSampleId :
PB104760BL

Tot Ion: 82 Resp: 271847
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 54.7 41.4 62.2

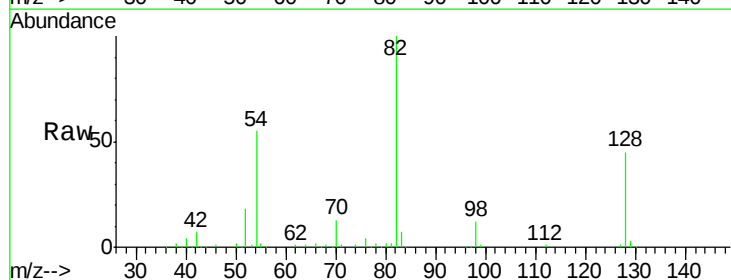


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

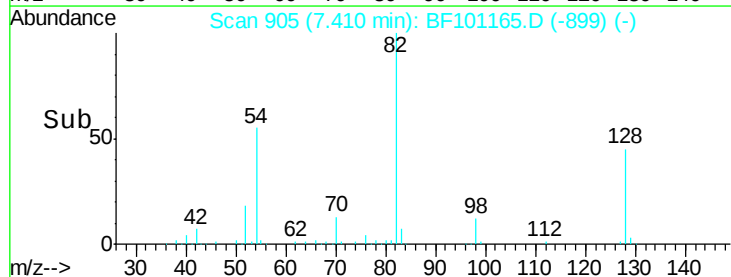
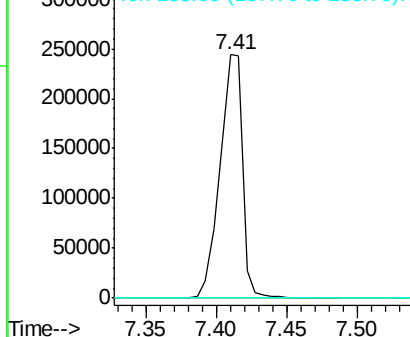


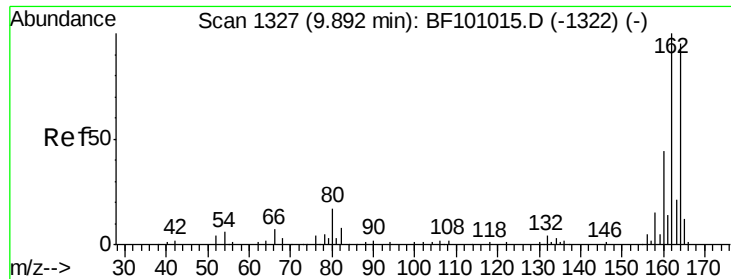
#25
Isophorone
Concen: 50.843 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion: 82 Resp: 271845
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

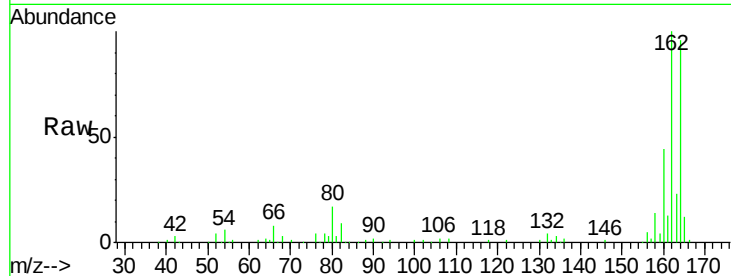




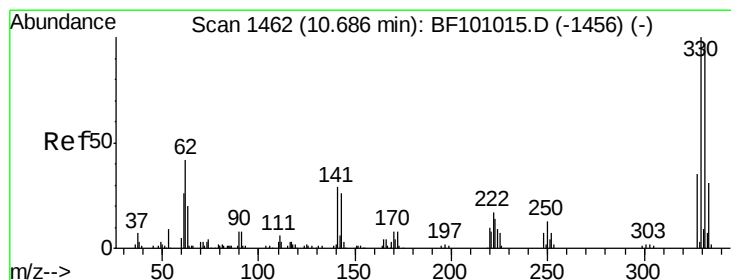
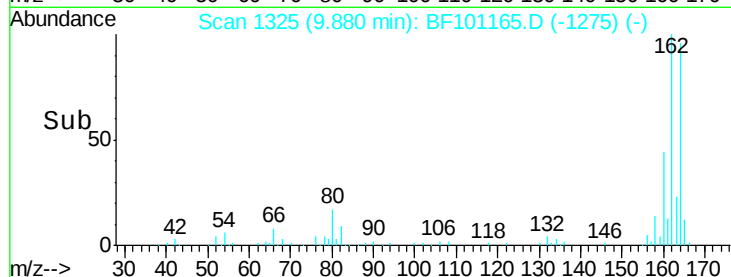
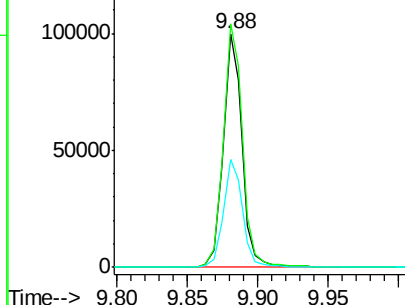
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Instrument :
BNA_F
ClientSampleId :
PB104760BL

Tot Ion:164 Resp: 92151
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.0 38.3 57.5

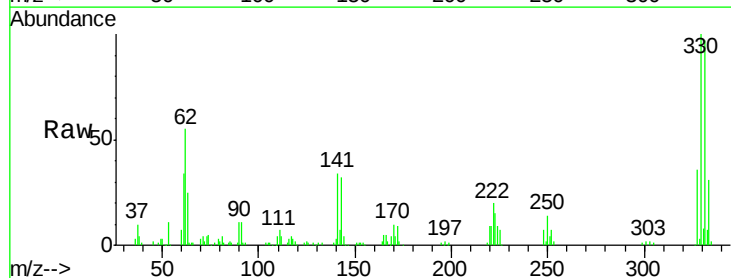


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

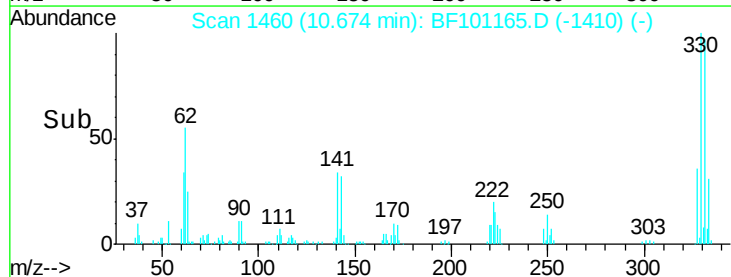
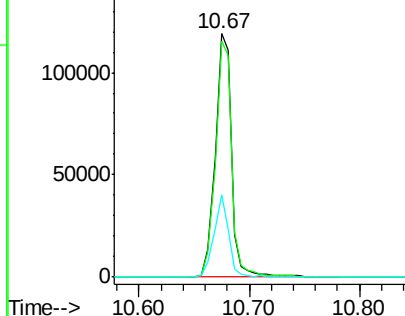


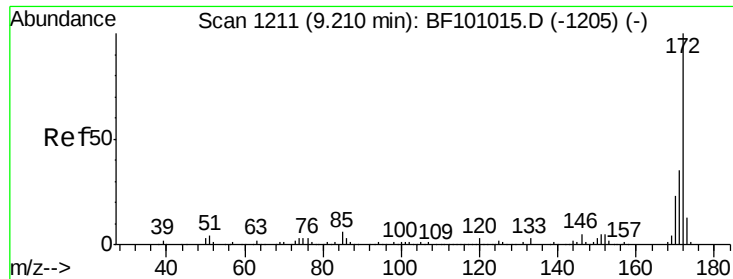
#41
2,4,6-Tribromophenol
Concen: 109.064 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:330 Resp: 120733
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.4 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

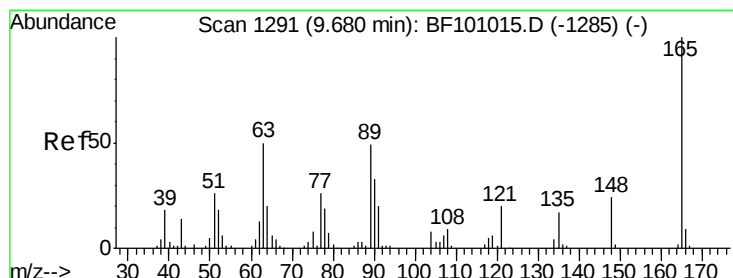
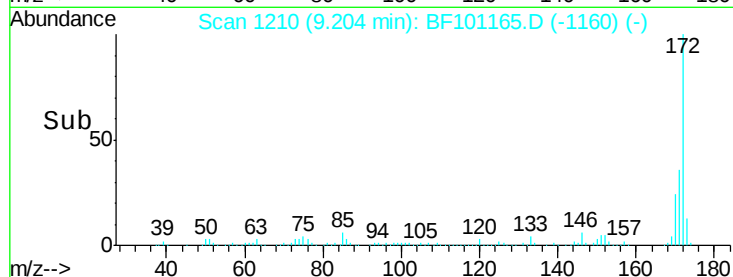
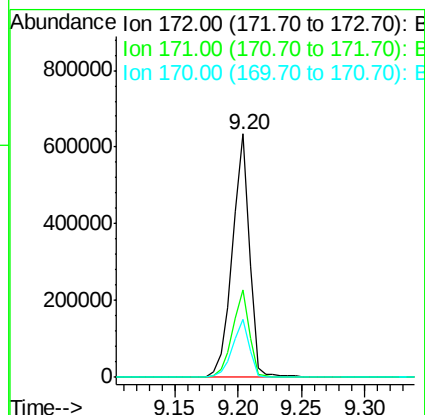
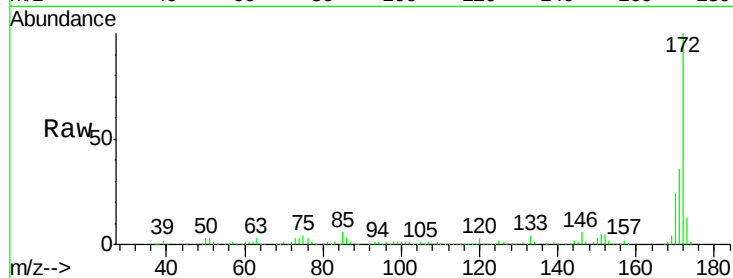




#44
 2-Fluorobiphenyl
 Concen: 87.509 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

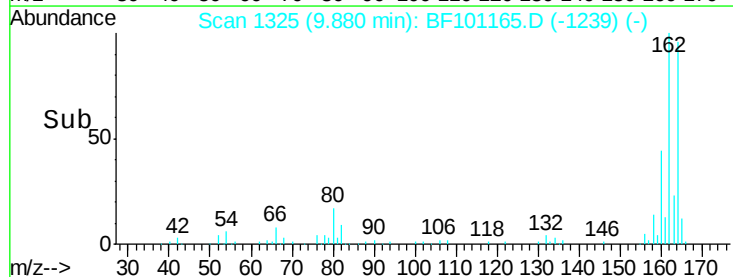
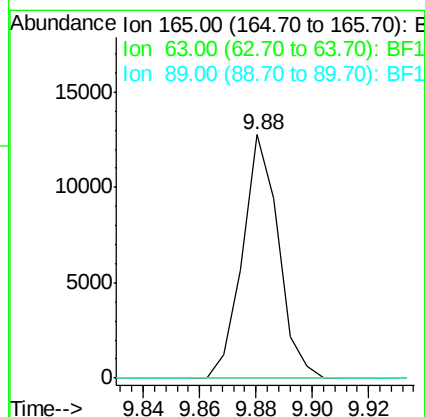
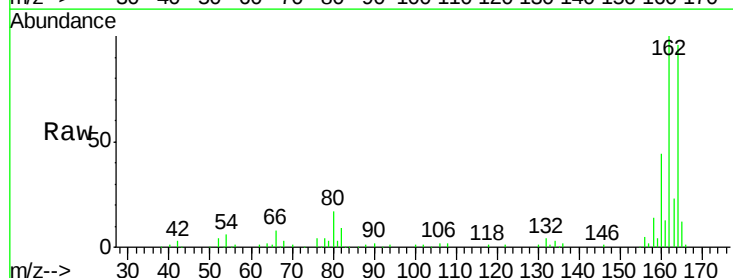
Instrument :
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 PB104760BL

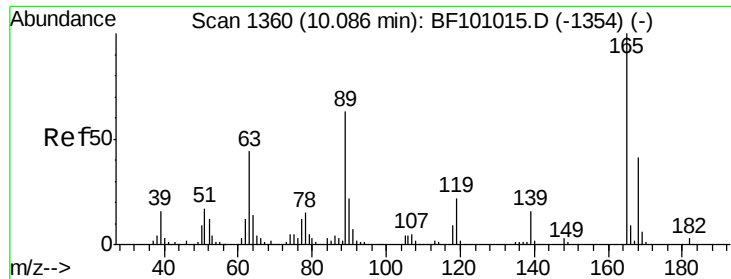
Tot Ion:172 Resp: 589393
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.167 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

Tgt Ion:165 Resp: 11218
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

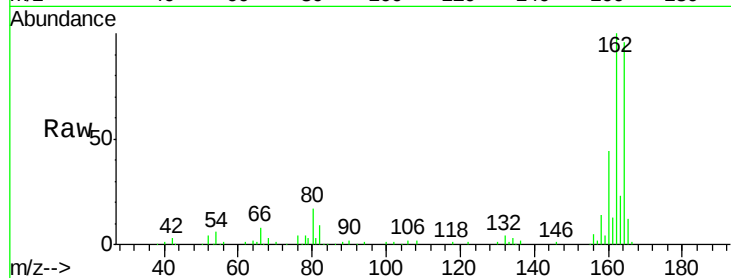




#56
 2,4-Dinitrotoluene
 Concen: 5.348 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BL

Tot Ion:165	Resp:	11218
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

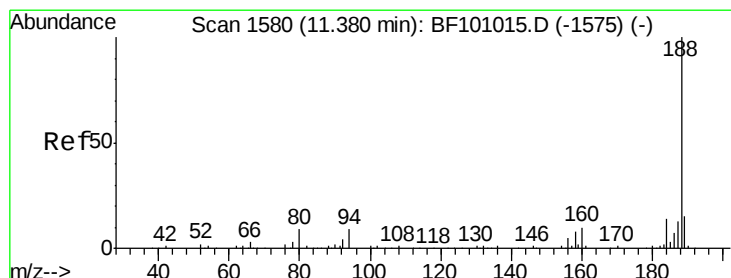
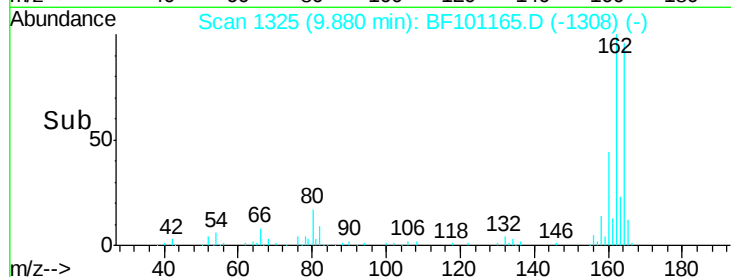
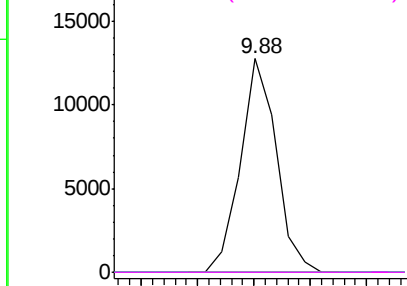


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

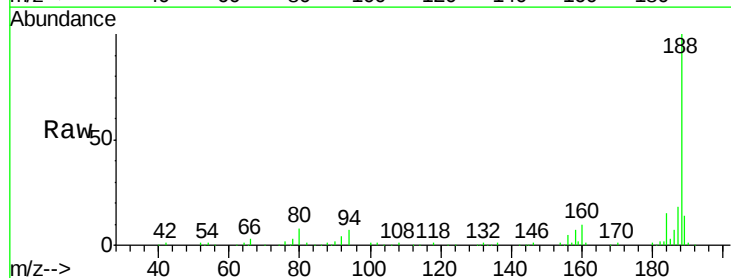
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

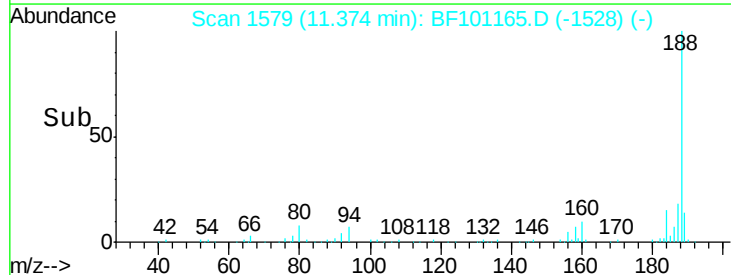
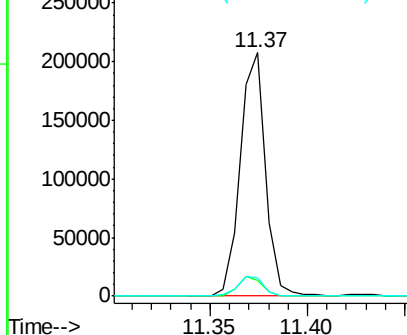
Tgt Ion:188	Resp:	186469
Ion Ratio	Lower	Upper
188	100	
94	6.7	8.5 12.7#
80	7.8	9.2 13.8#

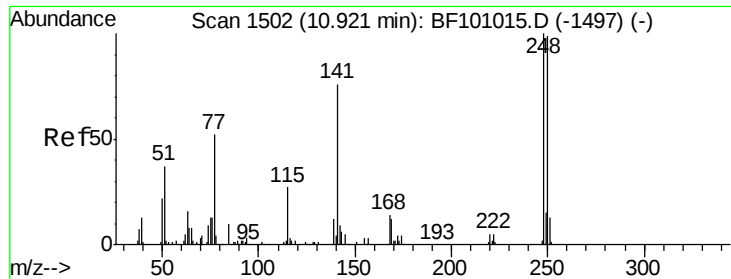


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

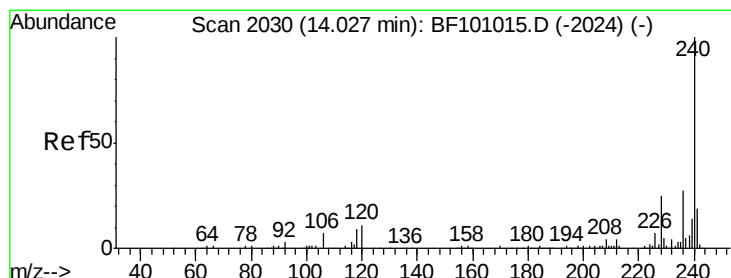
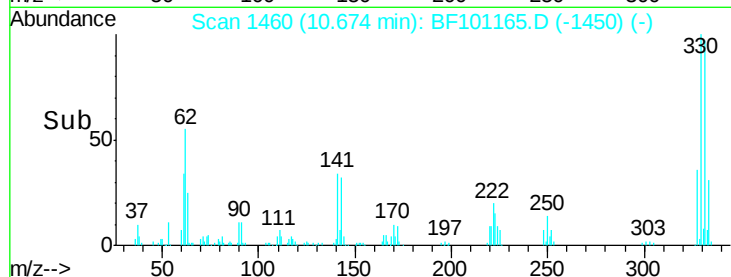
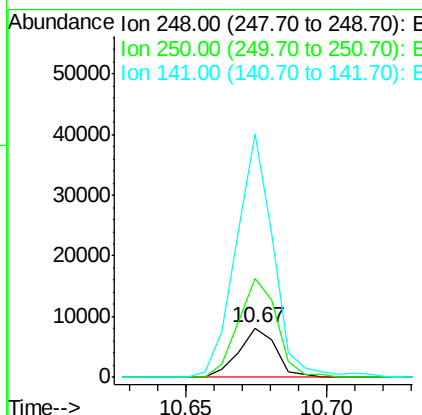
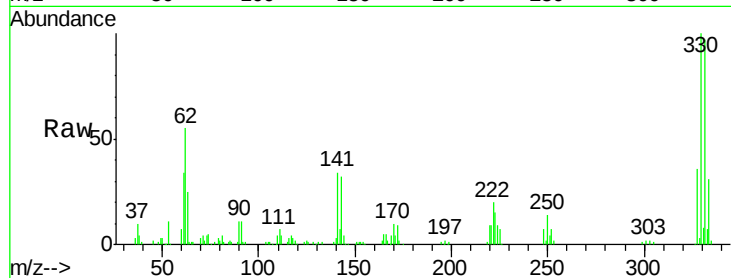




#66
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

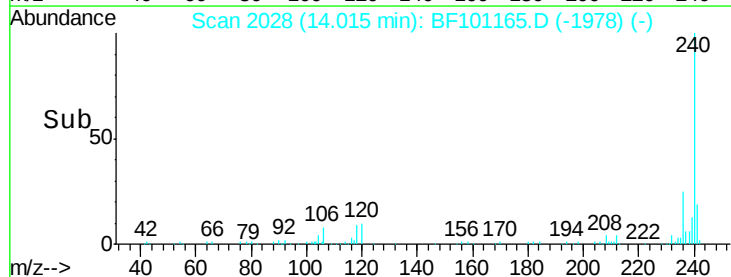
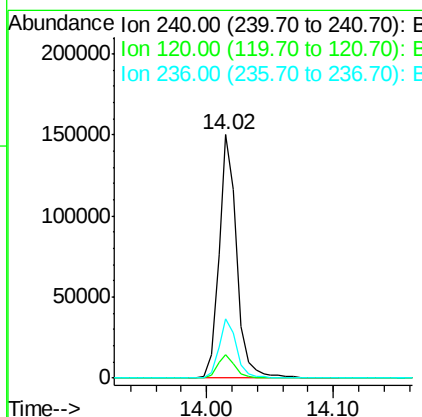
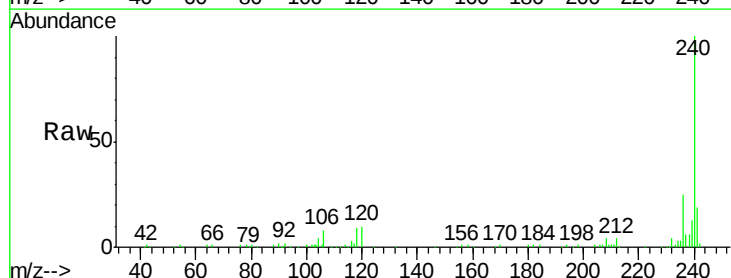
Instrument :
BNA_F
ClientSampleId :
PB104760BL

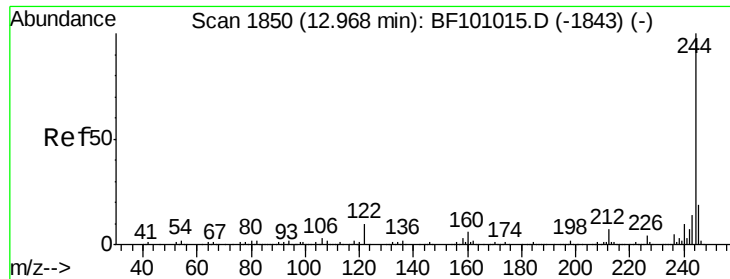
Tot Ion:248 Resp: 7462
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 490.5 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:240 Resp: 146982
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.6 20.7 31.1

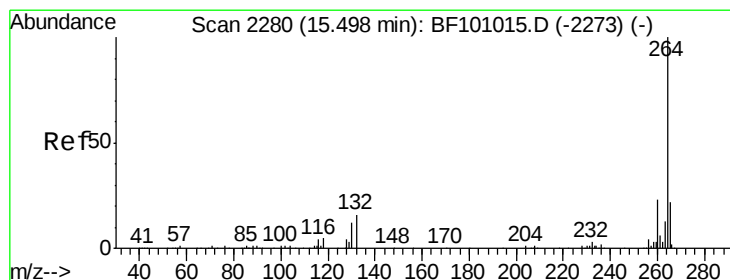
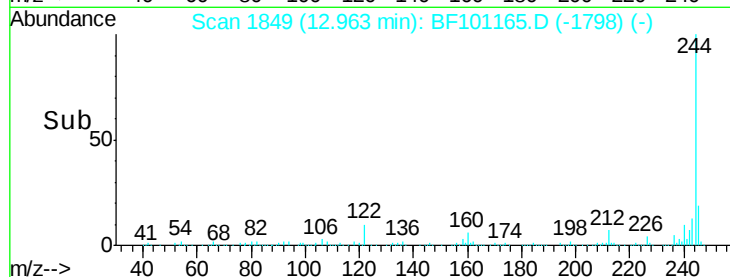
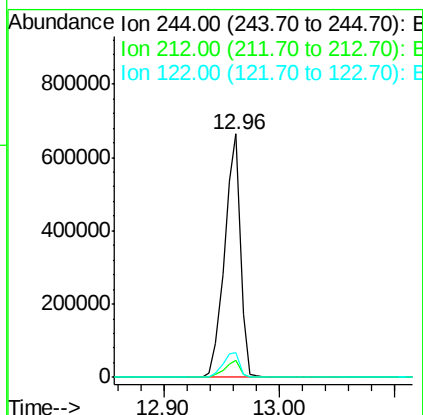
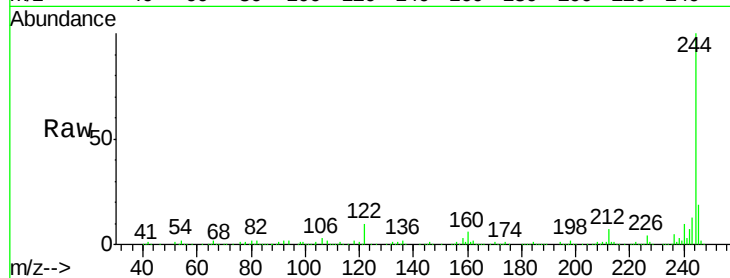




#78
 Terphenyl-d14
 Concen: 93.390 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BL

Tot Ion:244 Resp: 627573
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

Tgt Ion:264 Resp: 105603
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 17.5 26.3

